

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
 Data File : VU052515.D
 Acq On : 23 Dec 2022 00:49
 Operator : JC/MD
 Sample : N6170-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQB6

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.1

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU052515.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.359	3	6	27	rVB	1372602	1246613	4.14%	0.305%
2	1.591	68	78	94	rBV3	638045	1125580	3.73%	0.276%
3	1.996	194	204	226	rVB	1127369	1574317	5.22%	0.386%
4	2.205	260	269	294	rVB	1570976	2355927	7.82%	0.577%
5	3.083	518	542	554	rBV	2454775	5758815	19.10%	1.410%
6	3.359	606	628	661	rBV2	2145776	4836128	16.04%	1.184%
7	3.697	715	733	759	rBV	3182407	7104876	23.57%	1.740%
8	4.530	975	992	1009	rVV	3711008	8992585	29.83%	2.202%
9	4.662	1010	1033	1093	rVB	3974549	9616509	31.90%	2.355%
10	5.176	1183	1193	1207	rVB	536639	1113724	3.69%	0.273%
11	5.385	1238	1258	1271	rBV4	3902411	10556387	35.02%	2.585%
12	5.459	1273	1281	1304	rVB3	863715	2261061	7.50%	0.554%
13	5.591	1305	1322	1331	rBV	2085154	4630250	15.36%	1.134%
14	5.848	1388	1402	1413	rBV	2347391	4952906	16.43%	1.213%
15	5.919	1413	1424	1434	rVV2	2004558	4398001	14.59%	1.077%
16	5.986	1434	1445	1474	rVB	3506156	7955793	26.39%	1.949%
17	6.131	1475	1490	1502	rBV	3684641	6955197	23.07%	1.703%
18	6.292	1530	1540	1548	rBV2	1209474	2365815	7.85%	0.579%
19	6.568	1607	1626	1652	rBV5	831084	2161224	7.17%	0.529%
20	6.761	1667	1686	1709	rVV	12167806	27970990	92.79%	6.851%
21	6.980	1741	1754	1767	rVB	1836615	3343909	11.09%	0.819%
22	7.070	1767	1782	1795	rVB	969032	1880806	6.24%	0.461%
23	7.234	1824	1833	1853	rVB6	1325725	2999047	9.95%	0.735%
24	7.395	1870	1883	1891	rBV	1161893	2286045	7.58%	0.560%
25	7.494	1907	1914	1922	rVB	807719	1211176	4.02%	0.297%
26	7.655	1956	1964	1972	rBV	568954	844228	2.80%	0.207%
27	7.758	1983	1996	2012	rVB3	1745066	3374177	11.19%	0.826%
28	7.854	2012	2026	2033	rBV2	3033559	5978791	19.83%	1.464%
29	8.028	2068	2080	2088	rBV4	830769	2180448	7.23%	0.534%
30	8.095	2095	2101	2105	rBV	543304	785898	2.61%	0.192%
31	8.128	2106	2111	2132	rVB2	1467368	2929475	9.72%	0.717%
32	8.240	2133	2146	2161	rVB2	2268008	4610720	15.30%	1.129%
33	8.366	2173	2185	2191	rBV3	1210987	2206308	7.32%	0.540%
34	8.407	2192	2198	2214	rVB2	1188240	2075322	6.88%	0.508%
35	8.636	2260	2269	2282	rVV3	845127	1902278	6.31%	0.466%
36	8.703	2282	2290	2296	rVV3	489396	829418	2.75%	0.203%

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Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Title : TRACE VOA SFAM1.0

37	8.742	2297	2302	2309	rVV2	481333	792578	2.63%	0.194%
38	8.803	2309	2321	2330	rVV5	1008566	2255069	7.48%	0.552%
39	8.861	2330	2339	2351	rVV2	2535293	4601455	15.26%	1.127%
40	8.922	2351	2358	2368	rVB	1037374	1622649	5.38%	0.397%
41	9.066	2390	2403	2414	rBV5	676476	1508805	5.01%	0.370%
42	9.163	2425	2433	2442	rBV3	358848	753845	2.50%	0.185%
43	9.330	2470	2485	2500	rVB5	502459	1176649	3.90%	0.288%
44	9.456	2517	2524	2531	rVV3	376029	743182	2.47%	0.182%
45	9.510	2534	2541	2550	rVV3	799433	1576762	5.23%	0.386%
46	9.565	2551	2558	2573	rVB	880104	1561480	5.18%	0.382%
47	9.690	2585	2597	2609	rBV	10027211	16454463	54.59%	4.030%
48	10.028	2689	2702	2720	rBV6	520152	1437826	4.77%	0.352%
49	10.269	2770	2777	2792	rVV	877487	1752944	5.82%	0.429%
50	10.356	2793	2804	2822	rVB6	654992	1572671	5.22%	0.385%
51	10.478	2832	2842	2852	rBV	1291076	2063183	6.84%	0.505%
52	10.902	2962	2974	2990	rBV	2647437	4164409	13.81%	1.020%
53	10.996	2991	3003	3009	rBV	9161793	15984828	53.03%	3.915%
54	11.086	3020	3031	3049	rVB	5308495	8213538	27.25%	2.012%
55	11.288	3083	3094	3114	rVB	4226648	6671652	22.13%	1.634%
56	11.465	3137	3149	3164	rVB	19880581	30144146	100.00%	7.383%
57	11.738	3226	3234	3243	rVB	1012023	1457631	4.84%	0.357%
58	11.793	3243	3251	3268	rVB2	773842	1682012	5.58%	0.412%
59	11.893	3269	3282	3293	rBV	6821588	10471446	34.74%	2.565%
60	12.092	3328	3344	3349	rVV3	2717295	4463888	14.81%	1.093%
61	12.121	3349	3353	3362	rVV	2907875	4004211	13.28%	0.981%
62	12.185	3362	3373	3390	rVB4	5549098	10574094	35.08%	2.590%
63	12.298	3399	3408	3421	rVB3	439445	751786	2.49%	0.184%
64	12.372	3421	3431	3446	rVB	1338933	2020832	6.70%	0.495%
65	12.462	3447	3459	3464	rBV	2658932	4171448	13.84%	1.022%
66	12.491	3464	3468	3479	rVB	2573155	3536836	11.73%	0.866%
67	12.568	3480	3492	3500	rBV	4809866	7212873	23.93%	1.767%
68	12.610	3500	3505	3515	rVB	959145	1328678	4.41%	0.325%
69	12.677	3515	3526	3546	rBV2	4046623	7883965	26.15%	1.931%
70	12.873	3575	3587	3598	rVB2	1415150	2464975	8.18%	0.604%
71	12.970	3599	3617	3625	rBV	3001124	4745874	15.74%	1.162%
72	13.021	3625	3633	3648	rVB	4574695	7117710	23.61%	1.743%
73	13.105	3649	3659	3664	rBV3	819791	1419209	4.71%	0.348%
74	13.288	3708	3716	3729	rVV3	3263610	5325954	17.67%	1.304%
75	13.349	3730	3735	3743	rVB3	510207	704018	2.34%	0.172%
76	13.404	3743	3752	3756	rBV3	700512	1115265	3.70%	0.273%

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77	13.449	3756	3766	3780	rVV3	7402896	13129939	43.56%	3.216%
78	13.516	3780	3787	3794	rVV3	598520	1057059	3.51%	0.259%
79	13.555	3794	3799	3809	rVB	584565	768071	2.55%	0.188%
80	13.619	3810	3819	3840	rVB3	1225258	2186420	7.25%	0.535%
81	13.729	3842	3853	3860	rBV2	876896	1419653	4.71%	0.348%
82	13.780	3860	3869	3877	rVV	1865908	3156352	10.47%	0.773%
83	13.835	3877	3886	3901	rVV5	2000347	4605234	15.28%	1.128%
84	13.906	3902	3908	3911	rVV	850712	1215918	4.03%	0.298%
85	13.938	3912	3918	3935	rVB2	2007897	3987064	13.23%	0.977%
86	14.082	3949	3963	3985	rVB	1764277	3402773	11.29%	0.833%
87	14.282	4009	4025	4036	rBV3	863450	1767659	5.86%	0.433%
88	14.343	4036	4044	4053	rVB2	618567	914015	3.03%	0.224%
89	14.481	4076	4087	4103	rBV	1230747	2056939	6.82%	0.504%
90	14.664	4133	4144	4158	rBV3	1267642	2853626	9.47%	0.699%
91	14.806	4179	4188	4200	rBV	461825	823897	2.73%	0.202%
92	14.873	4200	4209	4220	rVB2	885119	1439561	4.78%	0.353%
93	15.015	4242	4253	4266	rBV4	466051	937790	3.11%	0.230%
94	15.217	4302	4316	4328	rBV	2684547	4407444	14.62%	1.079%
95	15.404	4363	4374	4385	rVV	2121185	3486031	11.56%	0.854%
96	16.140	4587	4603	4611	rBV	686237	1198451	3.98%	0.294%
97	16.256	4625	4639	4667	rVB	1660901	2994922	9.94%	0.734%
98	16.404	4674	4685	4692	rBV	1786511	2877689	9.55%	0.705%
99	16.442	4692	4697	4714	rVB	989229	1486243	4.93%	0.364%
100	16.632	4738	4756	4787	rVB	467217	1252885	4.16%	0.307%

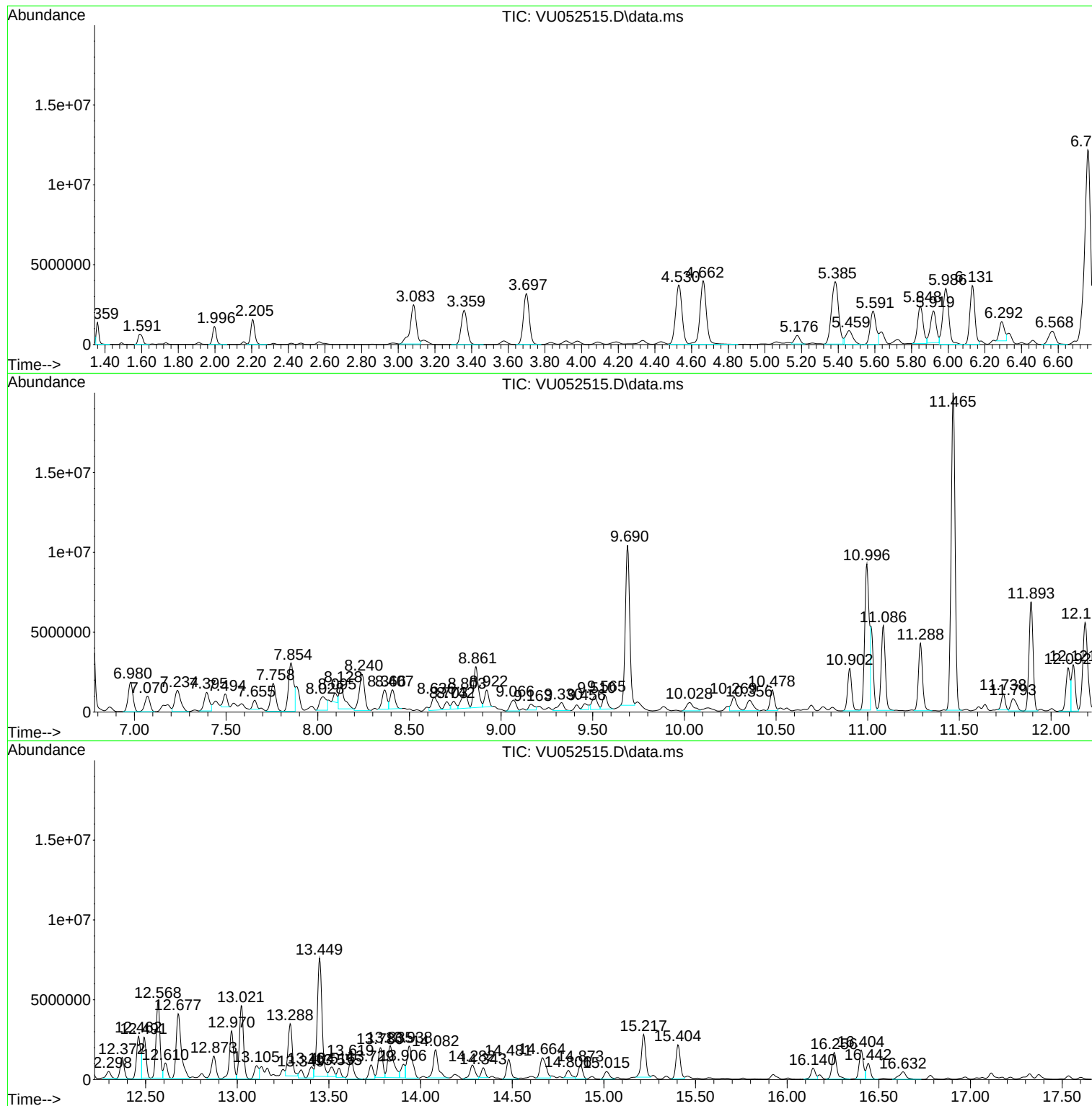
Sum of corrected areas: 408301218

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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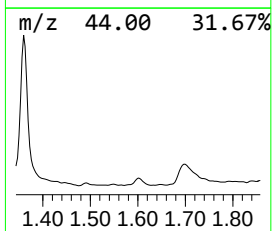
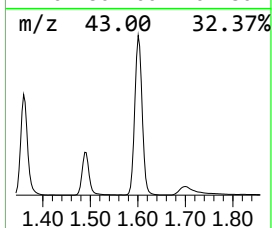
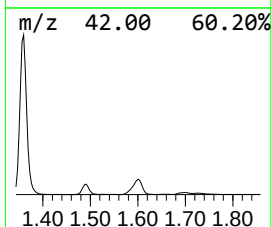
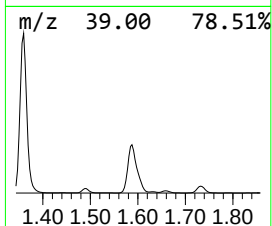
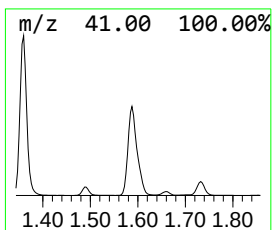
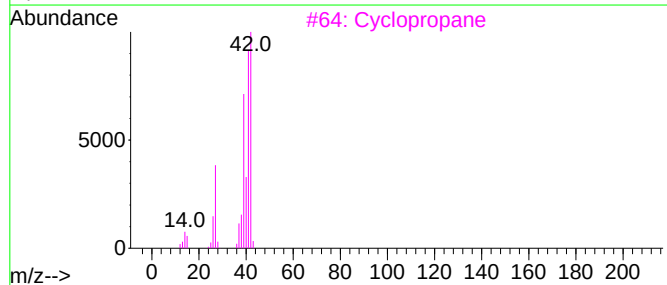
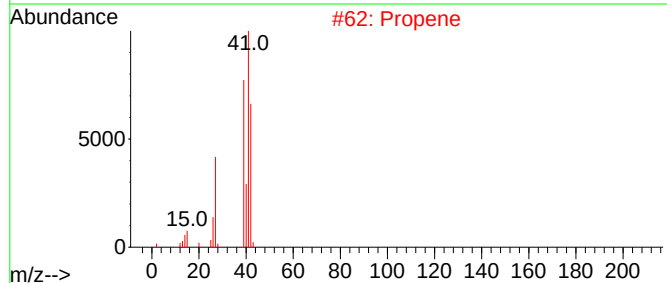
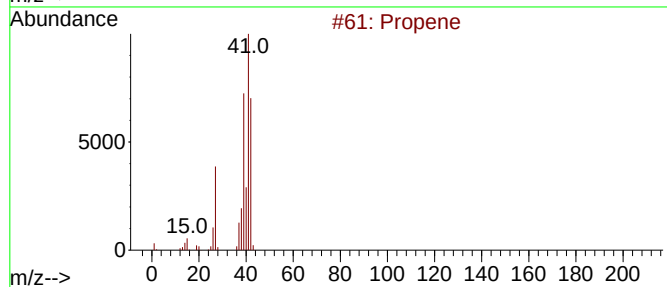
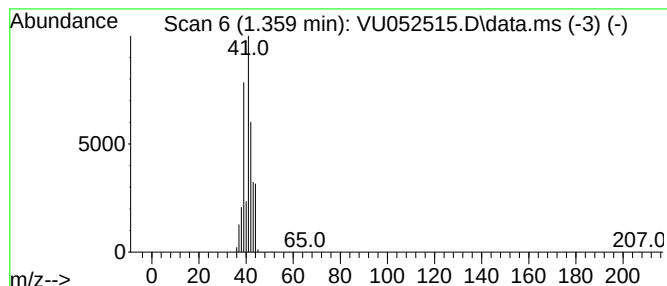
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.359	2.63 ug/L	1246610	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propene	42	C3H6	000115-07-1	90
2			Propene	42	C3H6	000115-07-1	42
3			Cyclopropane	42	C3H6	000075-19-4	9
4			Cyclopropene	40	C3H4	002781-85-3	9
5			Cyclopropane	42	C3H6	000075-19-4	7



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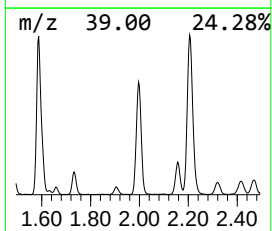
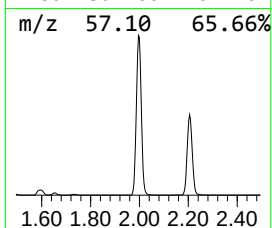
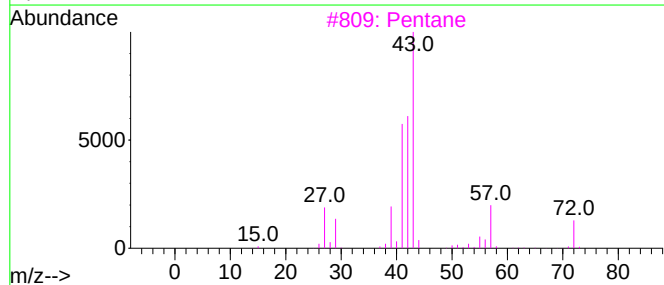
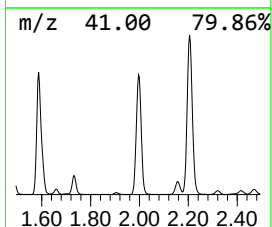
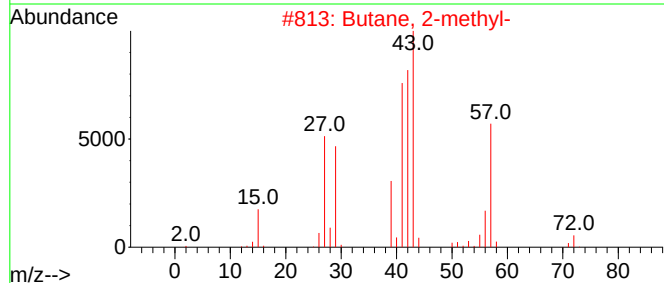
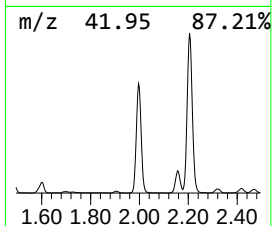
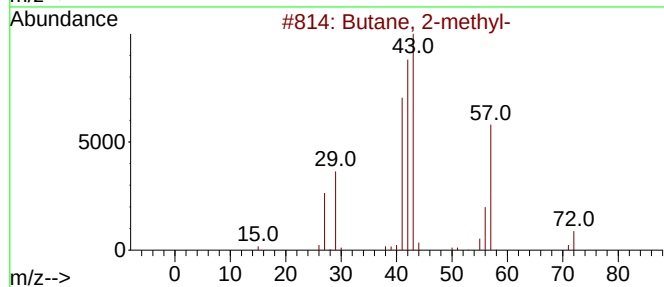
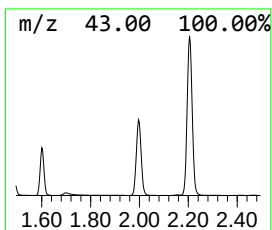
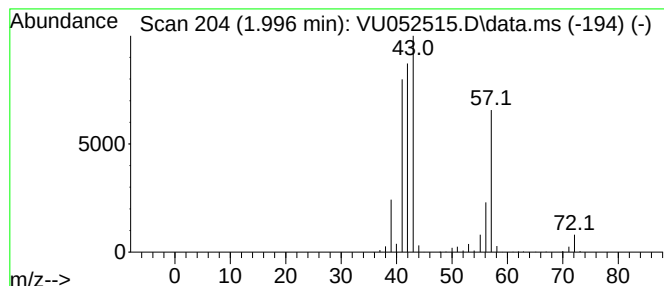
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.996	3.33 ug/L	1574320	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-			72	C5H12	000078-78-4	91
2	Butane, 2-methyl-			72	C5H12	000078-78-4	90
3	Pentane			72	C5H12	000109-66-0	33
4	3-Buten-1-ol			72	C4H8O	000627-27-0	28
5	1-Butene			56	C4H8	000106-98-9	10



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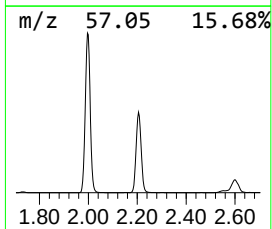
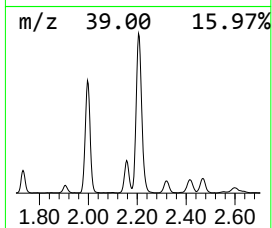
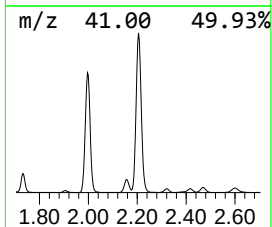
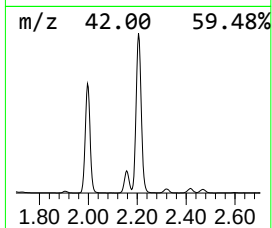
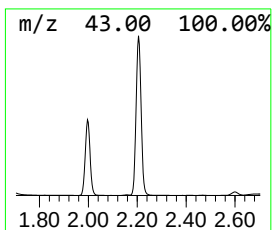
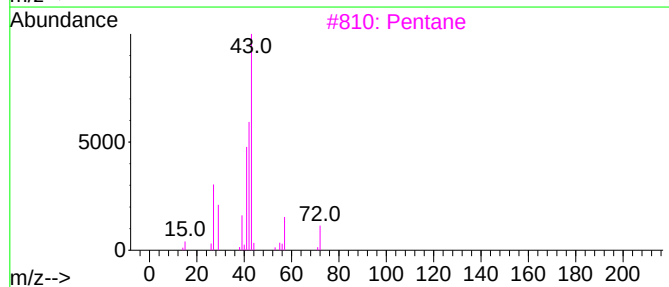
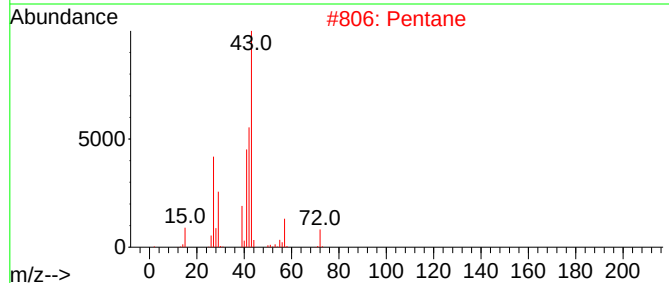
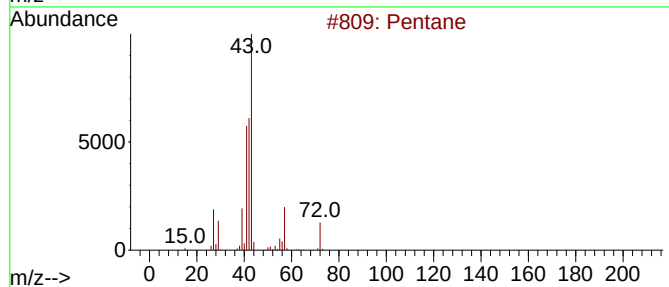
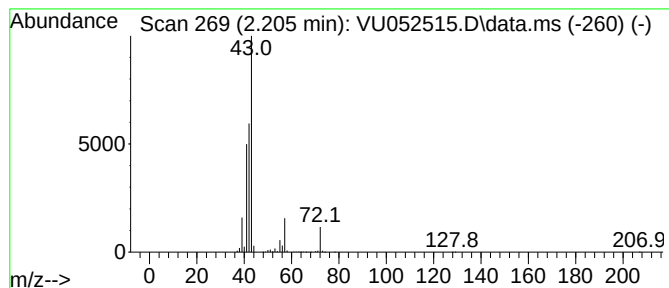
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.205	4.98 ug/L	2355930	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane			72	C5H12	000109-66-0	91
2	Pentane			72	C5H12	000109-66-0	90
3	Pentane			72	C5H12	000109-66-0	90
4	Pentane			72	C5H12	000109-66-0	86
5	Pentane			72	C5H12	000109-66-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

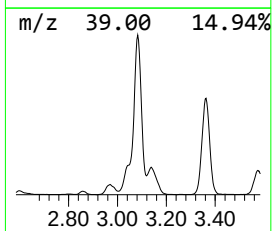
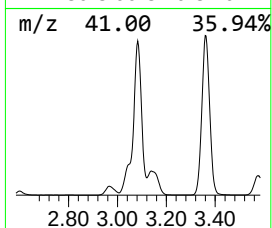
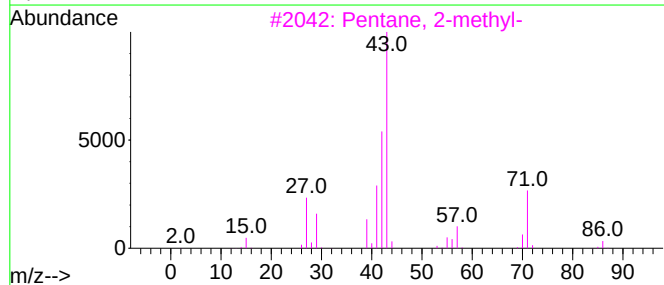
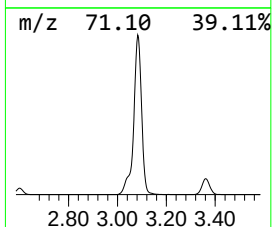
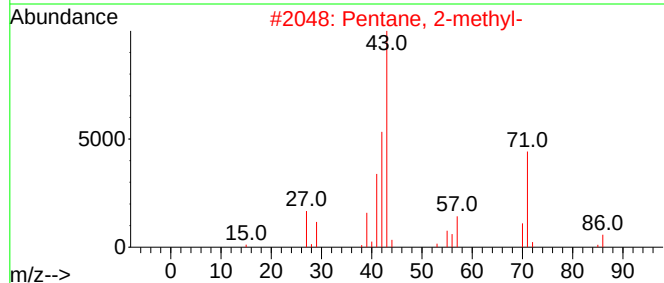
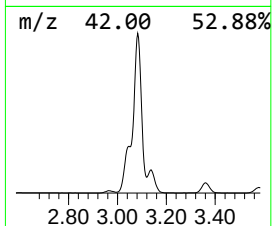
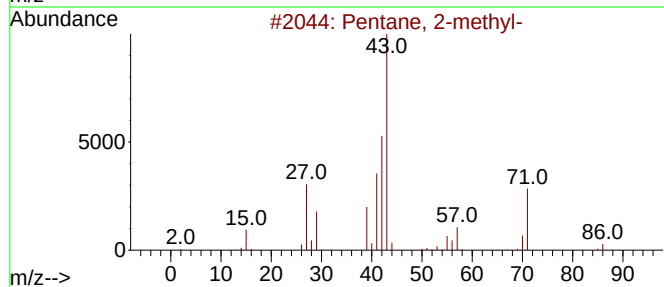
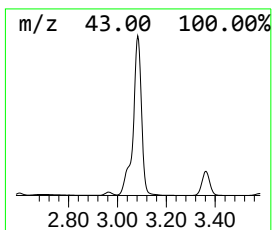
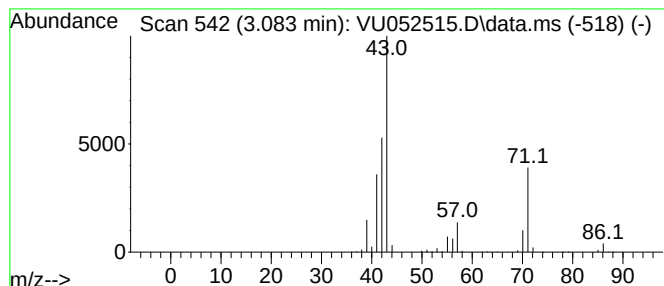
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.083	12.17 ug/L	5758820	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2			Pentane, 2-methyl-	86	C6H14	000107-83-5	91
3			Pentane, 2-methyl-	86	C6H14	000107-83-5	91
4			Pentane, 2-methyl-	86	C6H14	000107-83-5	86
5			Pentane, 2-methyl-	86	C6H14	000107-83-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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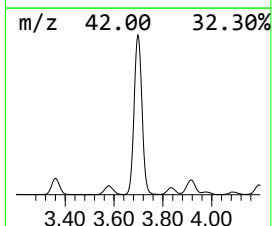
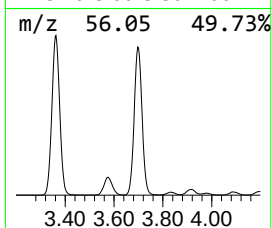
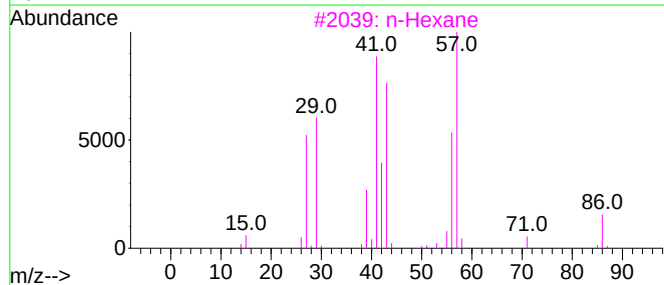
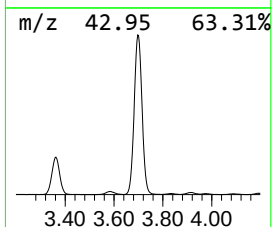
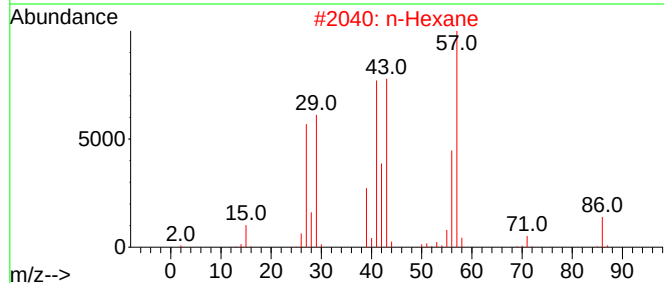
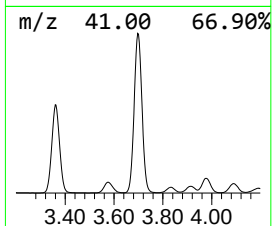
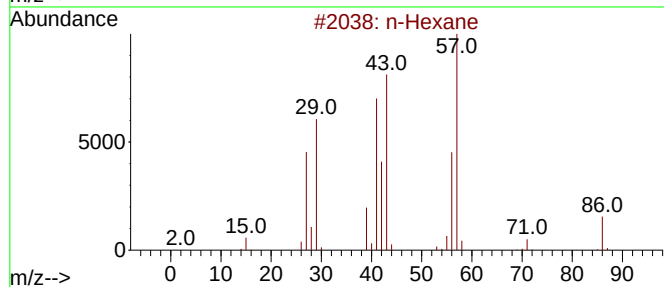
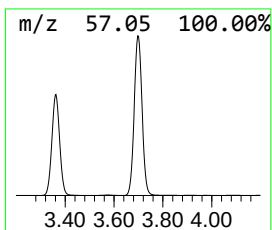
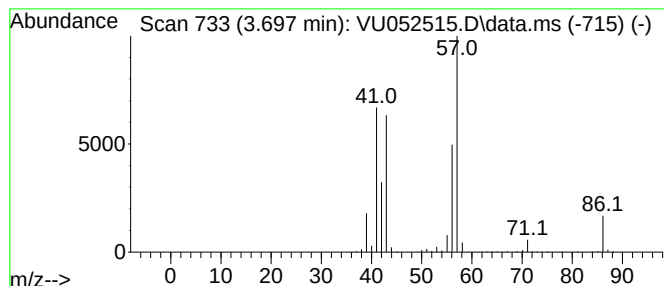
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.697	15.02 ug/L	7104880	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane			86	C6H14	000110-54-3	91
2	n-Hexane			86	C6H14	000110-54-3	91
3	n-Hexane			86	C6H14	000110-54-3	91
4	n-Hexane			86	C6H14	000110-54-3	80
5	2-Ethyl-oxetane			86	C5H10O	1010386-40-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

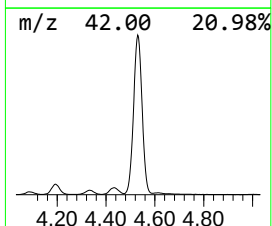
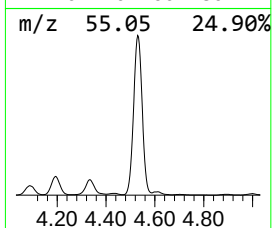
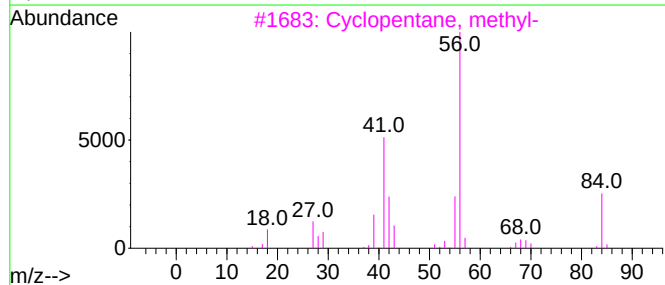
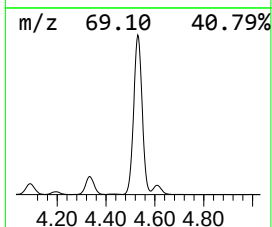
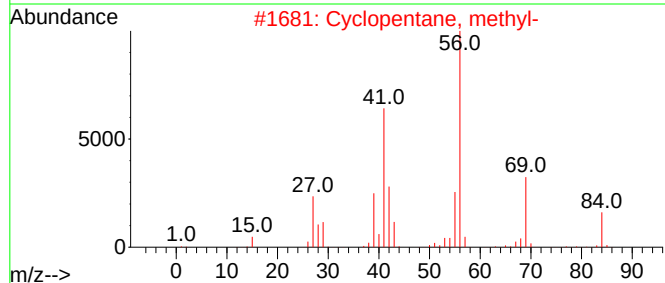
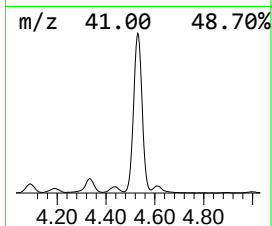
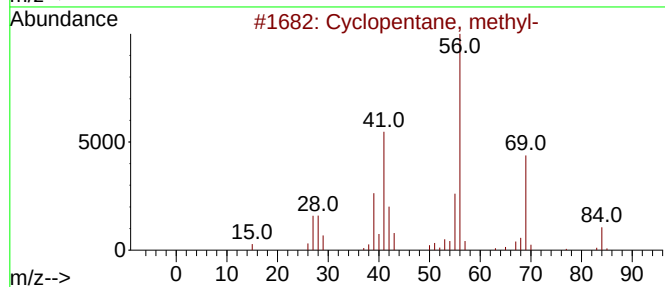
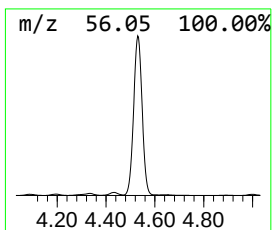
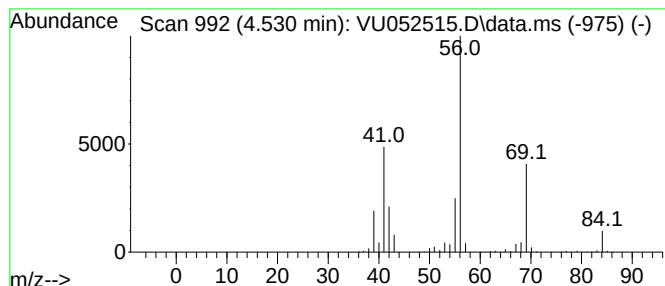
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic4.530 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.530	19.01 ug/L	8992590	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2			Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3			Cyclopentane, methyl-	84	C6H12	000096-37-7	87
4			1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
5			Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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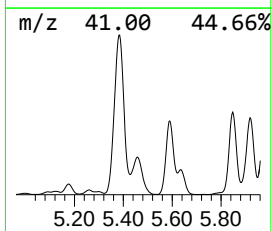
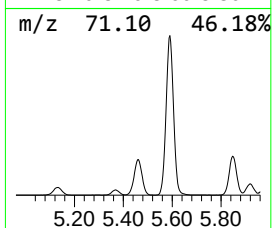
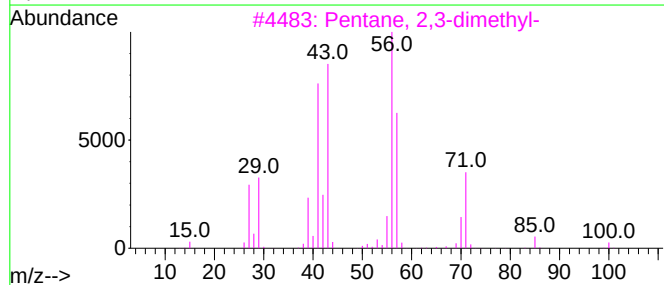
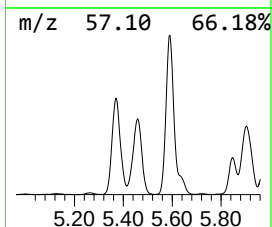
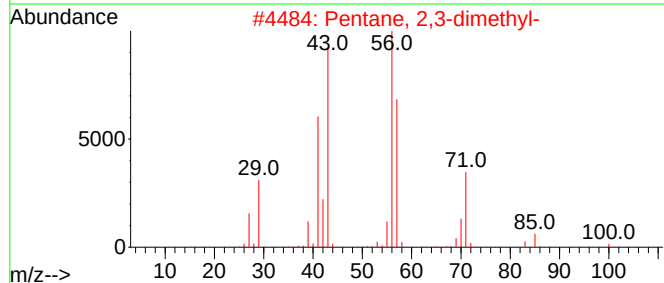
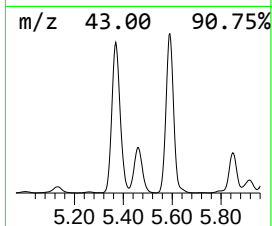
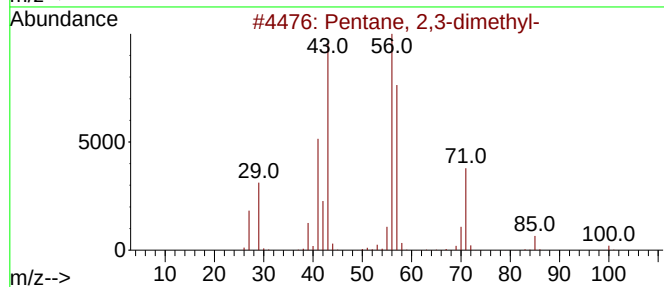
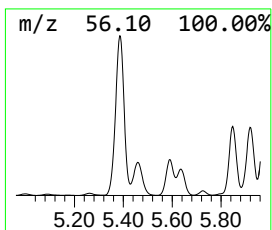
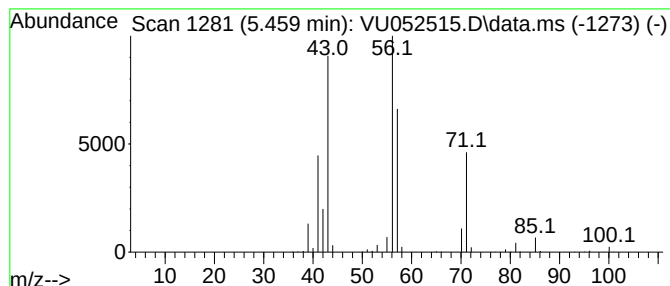
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.459	4.78 ug/L	2261060	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	86
3			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
4			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	52
5			Heptane	100	C7H16	000142-82-5	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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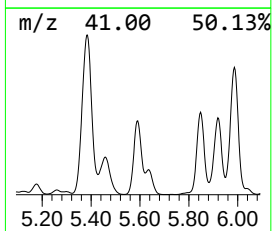
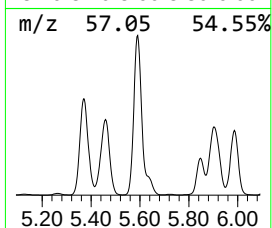
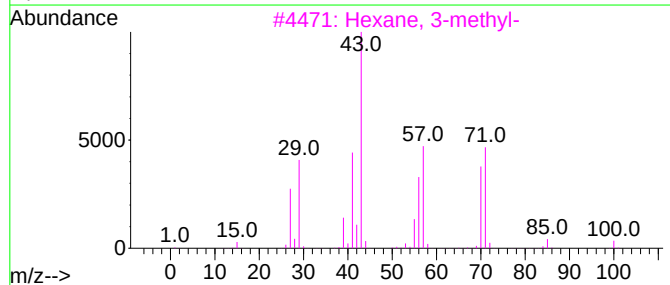
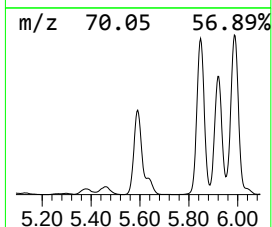
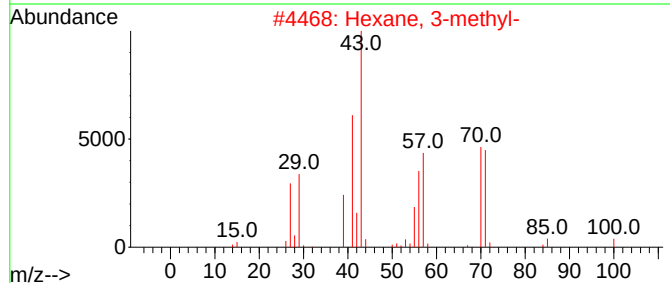
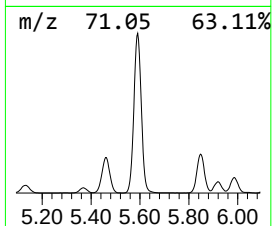
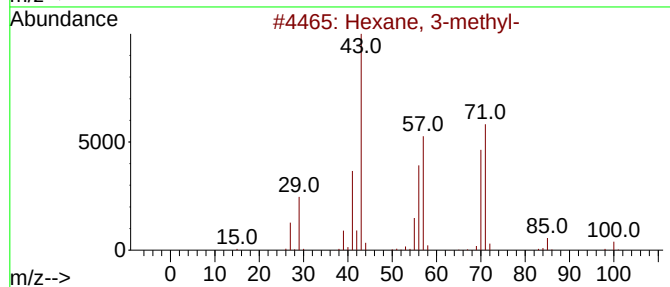
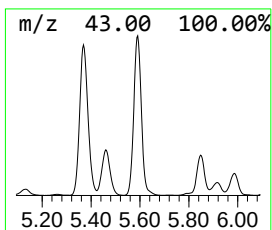
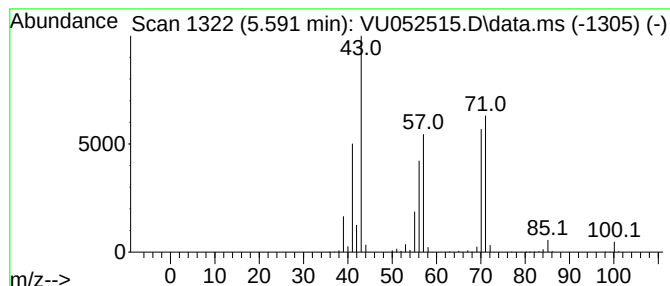
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.591	9.79 ug/L	4630250	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3-methyl-	100	C7H16	000589-34-4	95
2			Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3			Hexane, 3-methyl-	100	C7H16	000589-34-4	87
4			Heptane	100	C7H16	000142-82-5	80
5			Heptane, 4-methyl-	114	C8H18	000589-53-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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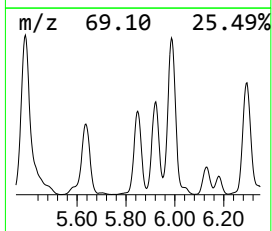
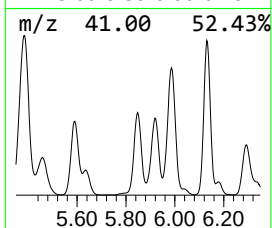
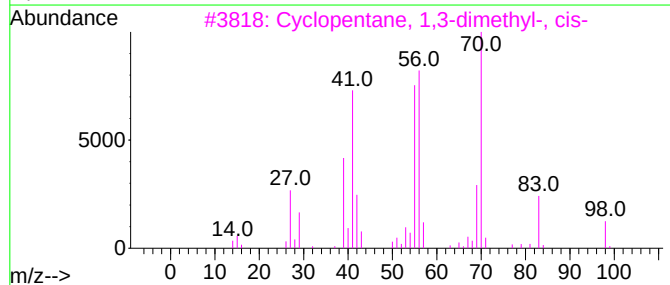
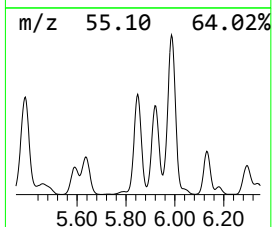
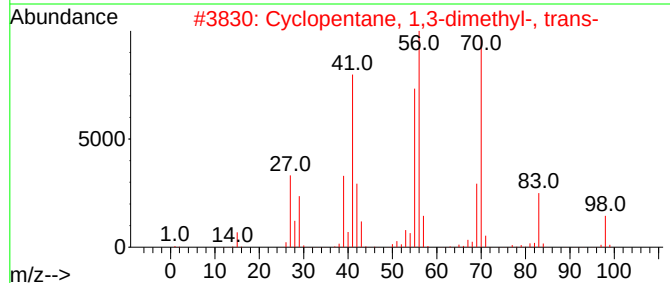
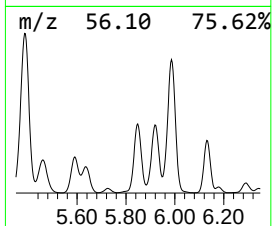
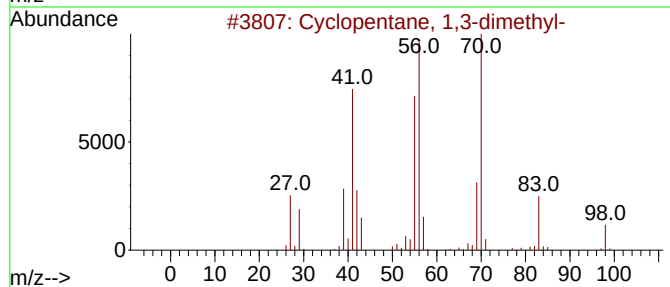
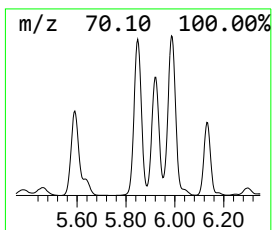
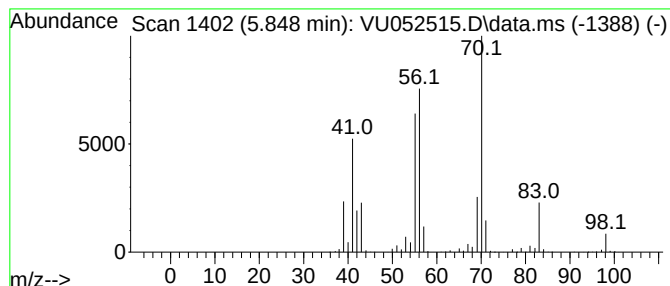
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Cyclic5.848 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.848	10.47 ug/L	4952910	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	95
2			Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	94
3			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
4			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
5			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

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ClientSampleId :
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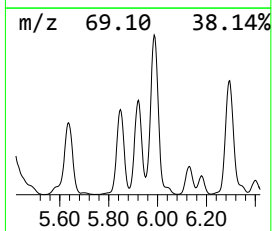
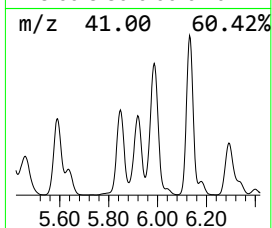
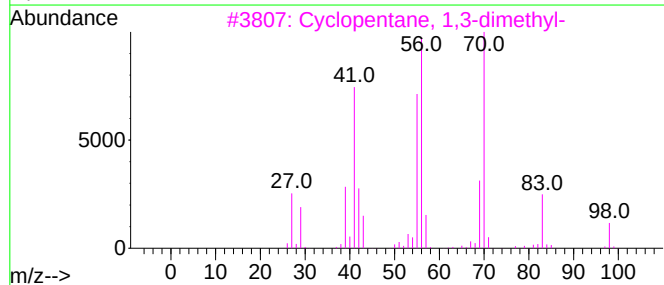
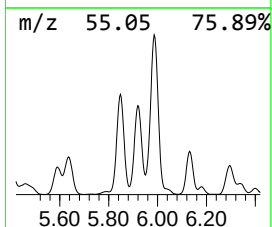
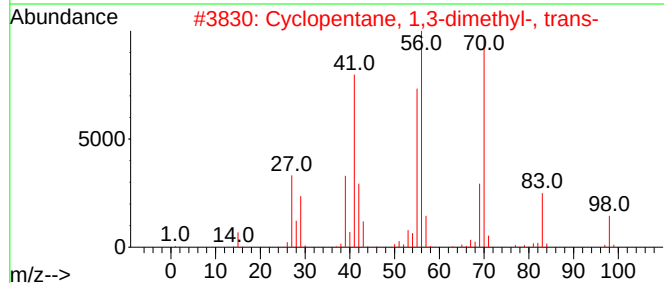
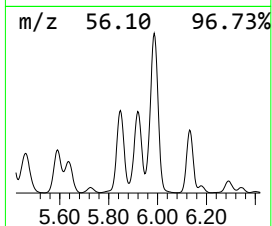
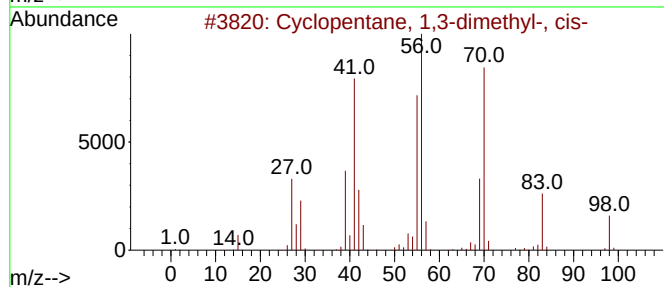
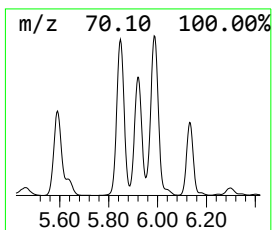
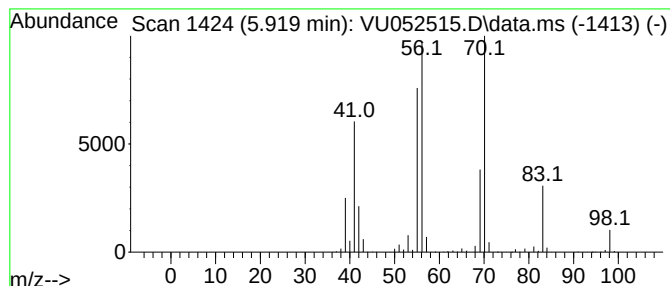
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Cyclic5.919 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.919	9.29 ug/L	4398000	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
2			Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	91
3			Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
4			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	78
5			1-Nonanol	144	C9H20O	000143-08-8	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

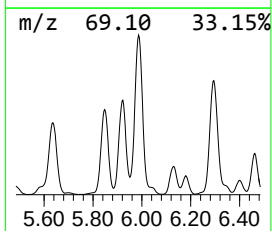
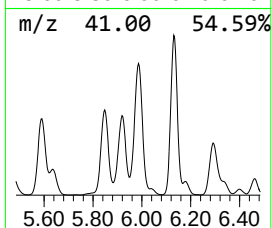
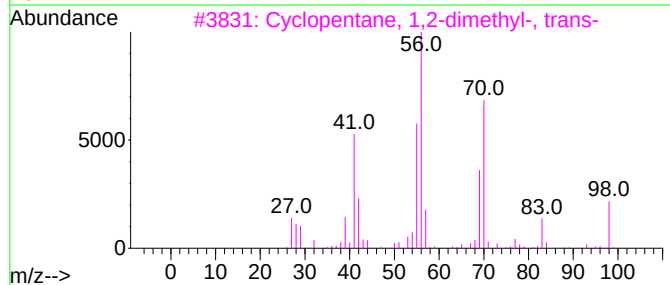
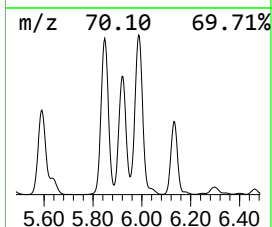
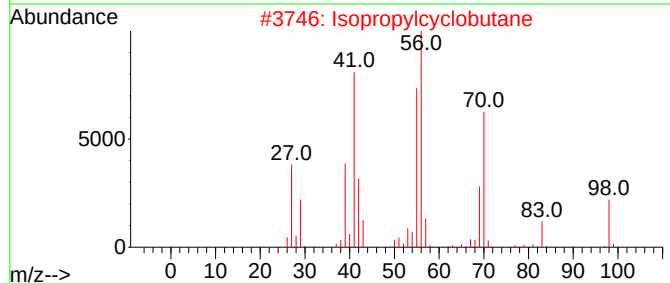
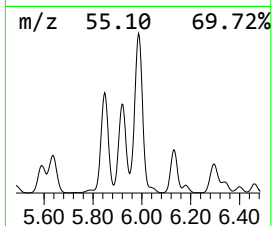
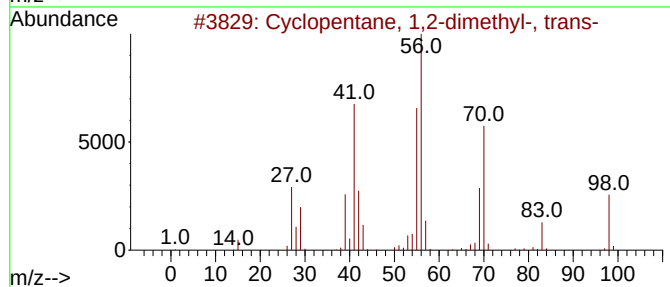
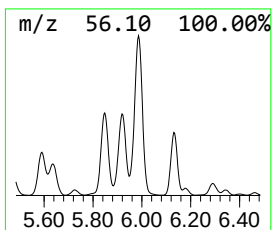
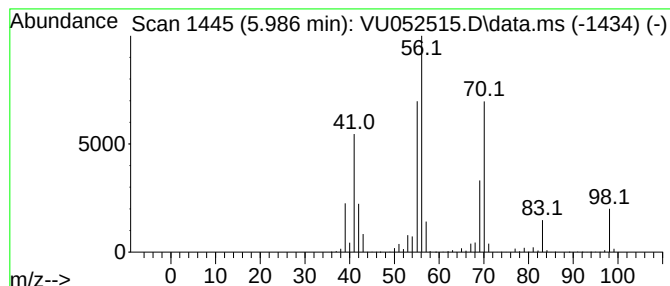
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Cyclic5.986 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.986	16.81 ug/L	7955790	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	94
2			Isopropylcyclobutane	98	C7H14	000872-56-0	94
3			Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
4			Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
5			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
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Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

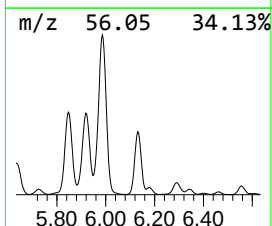
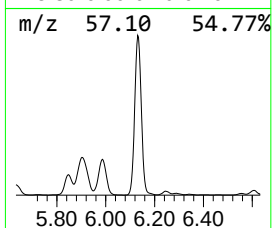
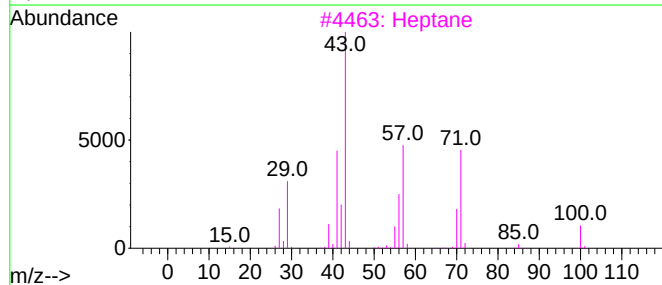
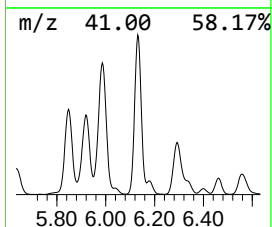
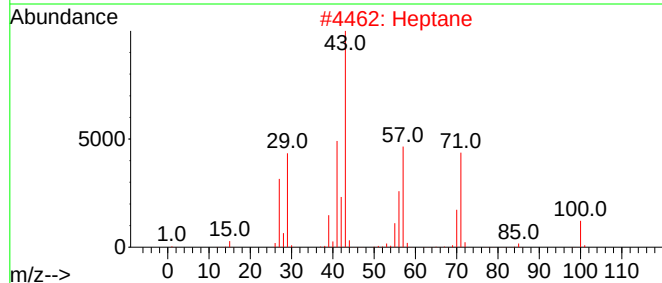
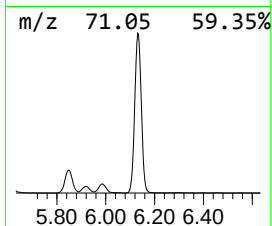
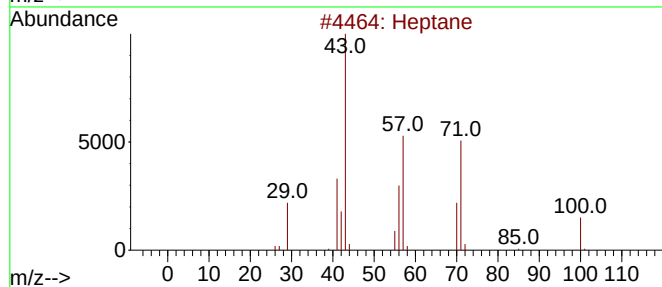
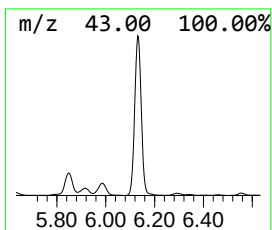
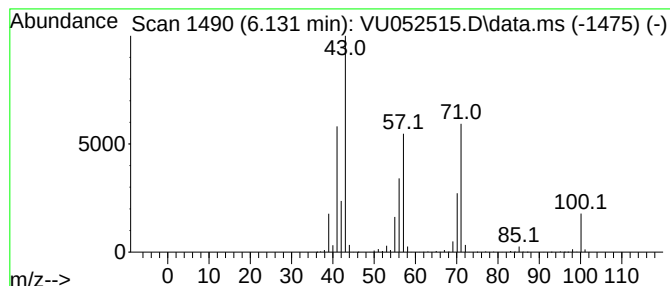
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.131	14.70 ug/L	6955200	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane	100	C7H16	000142-82-5	91
2			Heptane	100	C7H16	000142-82-5	90
3			Heptane	100	C7H16	000142-82-5	81
4			Heptane	100	C7H16	000142-82-5	64
5			Pentane, 2-methyl-	86	C6H14	000107-83-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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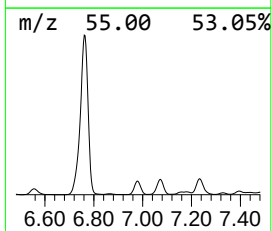
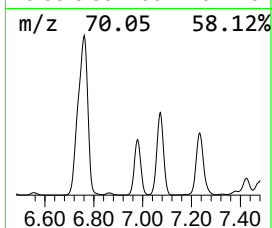
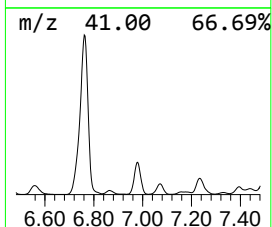
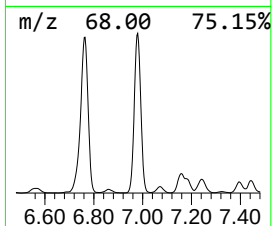
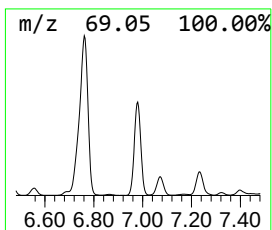
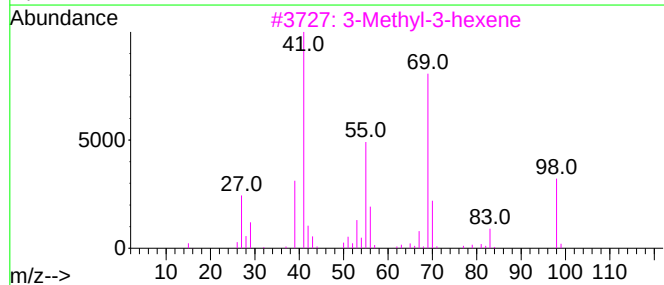
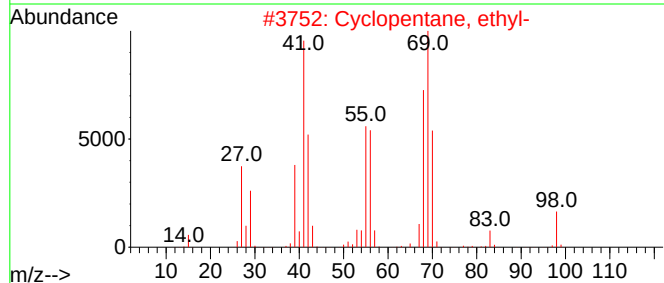
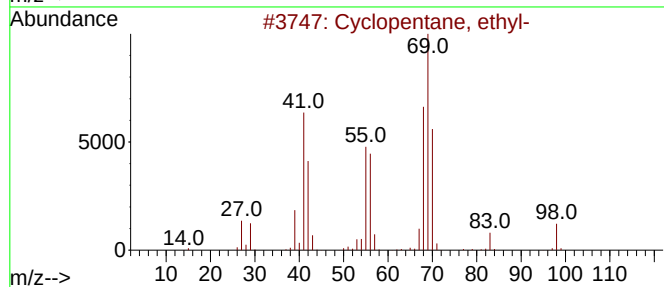
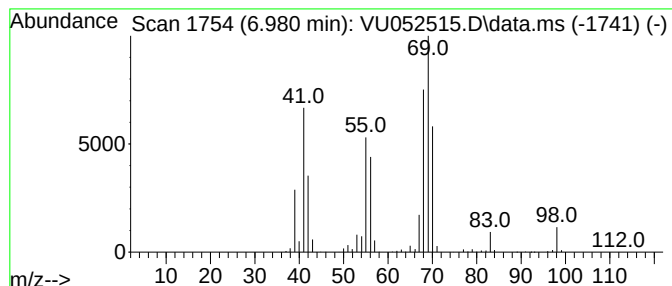
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Cyclic6.980 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.980	7.07 ug/L	3343910	1,4-Difluorobenzene	6.247

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, ethyl-	98	C7H14	001640-89-7	81
2		Cyclopentane, ethyl-	98	C7H14	001640-89-7	76
3		3-Methyl-3-hexene	98	C7H14	003404-65-7	43
4		Cyanamide, dimethyl-	70	C3H6N2	001467-79-4	38
5		1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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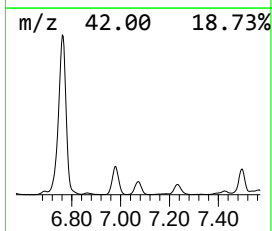
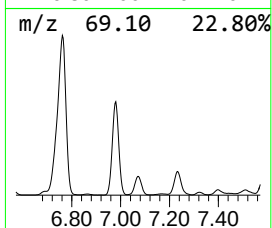
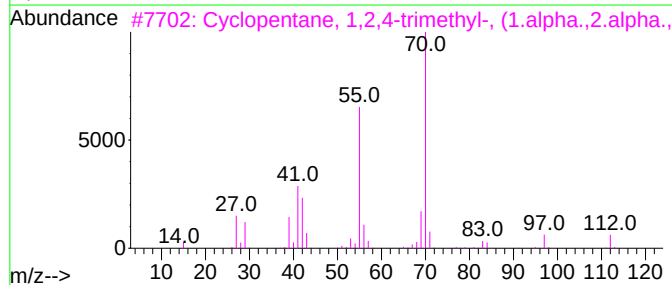
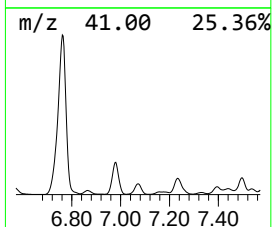
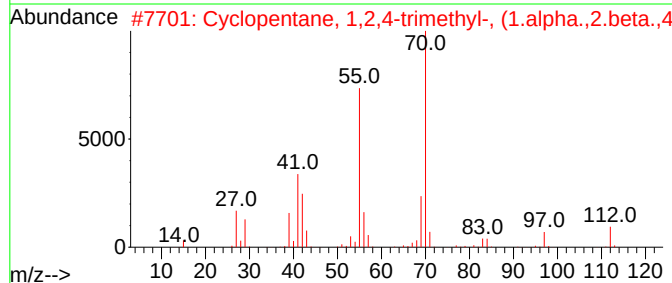
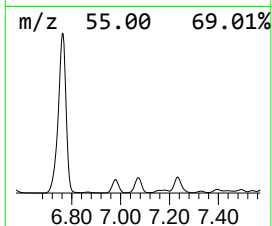
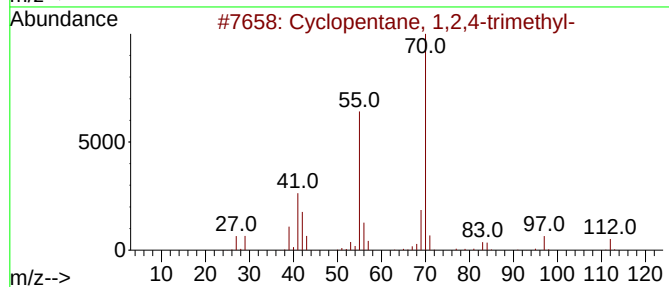
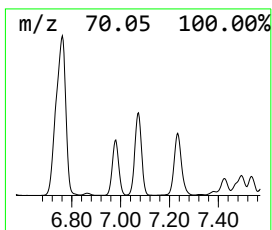
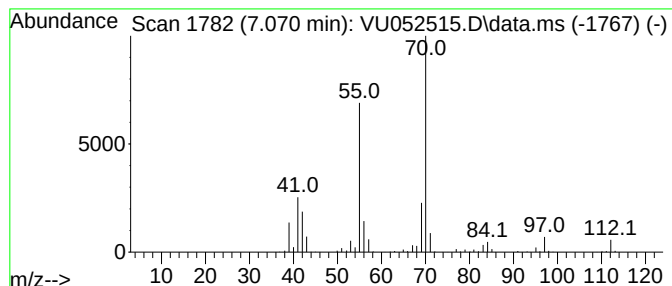
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Cyclic7.070 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.070	3.97 ug/L	1880810	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	94
2			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	91
3			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	91
4			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	86
5			Heptane, 3-methylene-	112	C8H16	001632-16-2	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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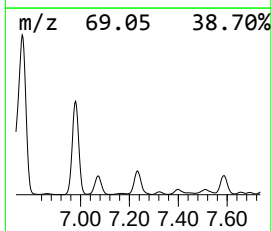
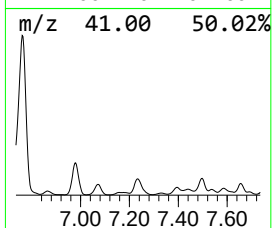
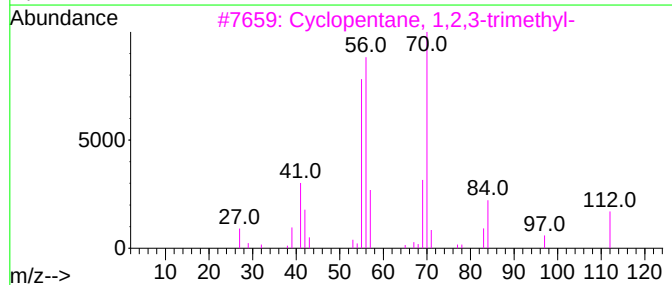
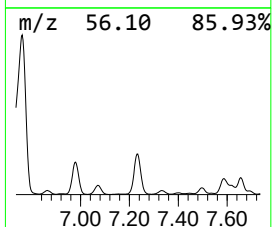
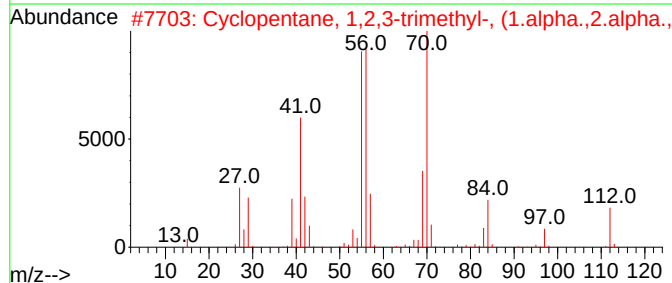
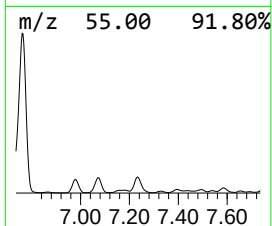
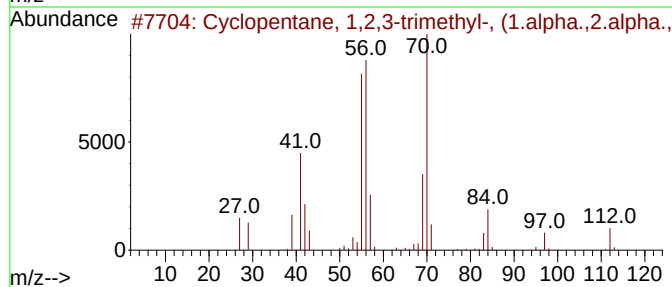
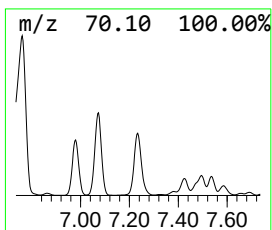
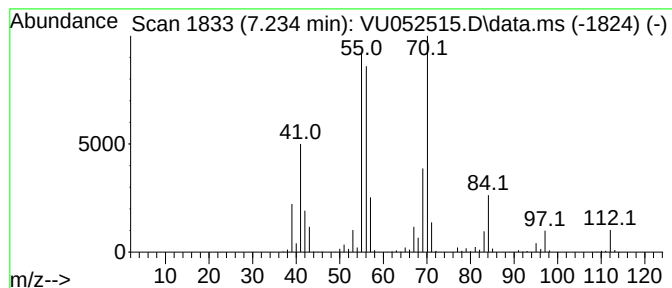
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Cyclic7.234 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.234	6.34 ug/L	2999050	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	94
2			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	91
3			Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	91
4			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	72
5			1-Heptene, 3-methyl-	112	C8H16	004810-09-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

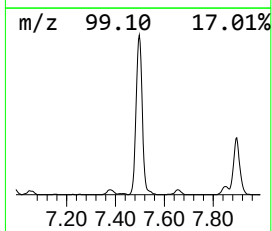
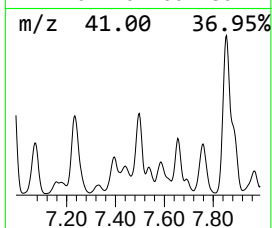
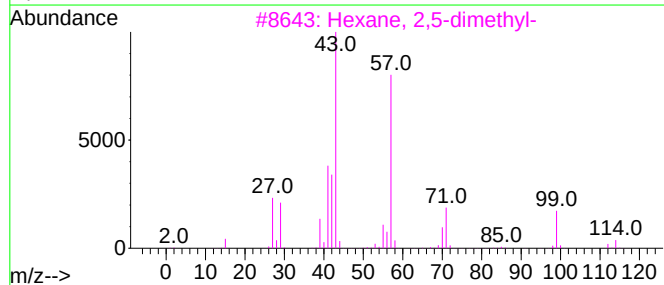
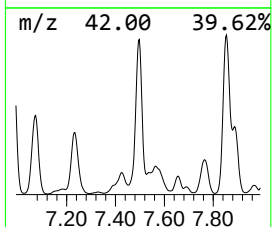
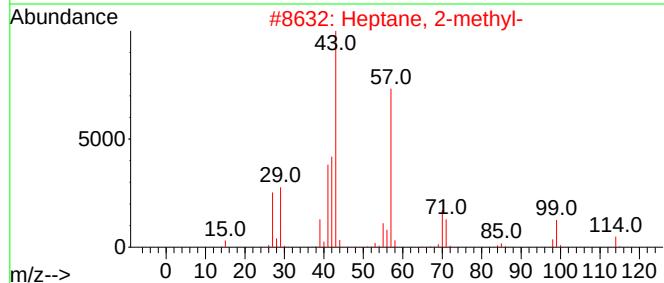
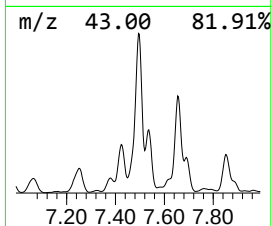
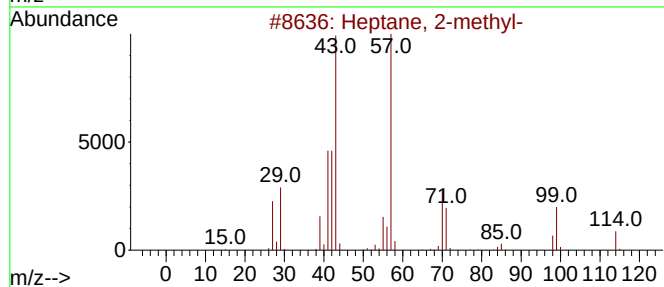
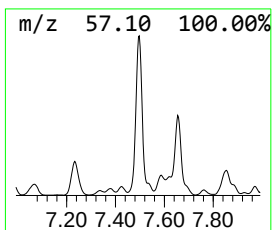
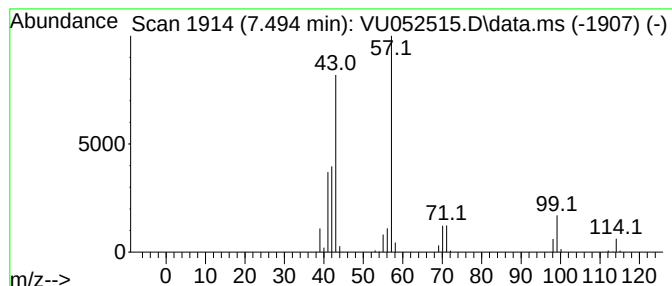
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 77

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.494	2.56 ug/L	1211180	1,4-Difluorobenzene	6.247

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2-methyl-	114	C8H18	000592-27-8	83
2		Heptane, 2-methyl-	114	C8H18	000592-27-8	83
3		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	72
4		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	53
5		Heptane, 2-methyl-	114	C8H18	000592-27-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

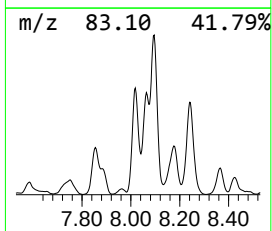
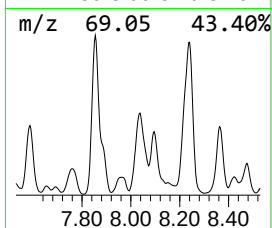
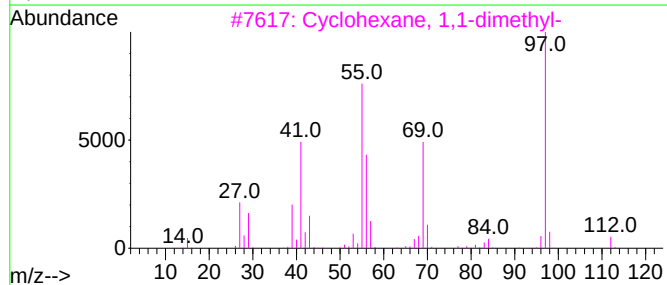
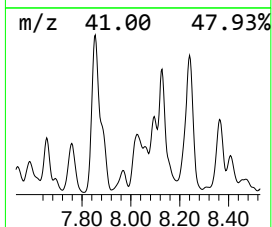
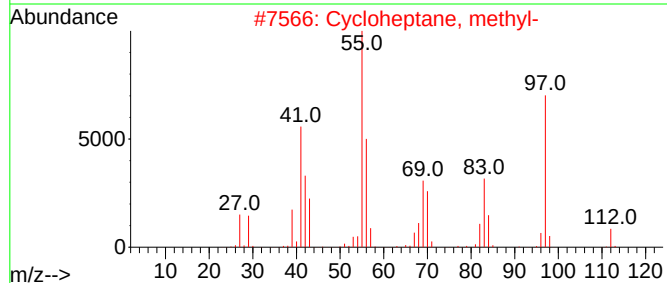
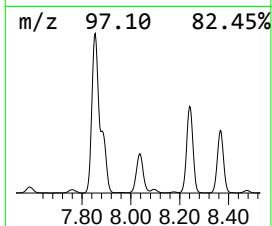
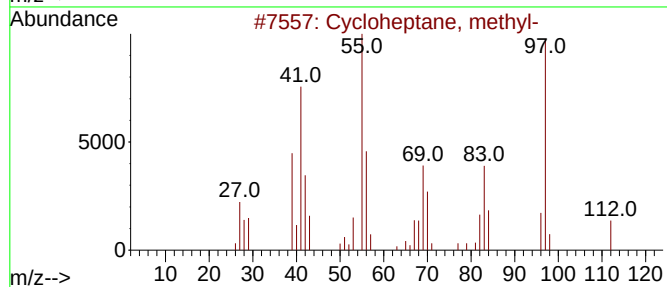
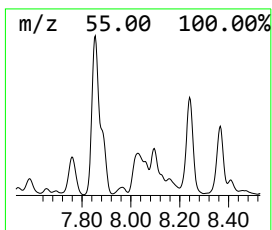
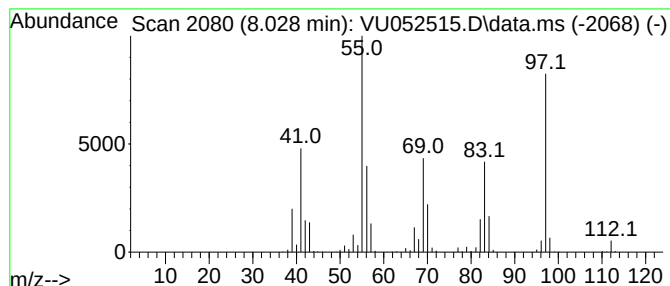
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Cyclic8.028 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.028	14.67 ug/L	2180450	Chlorobenzene-d5	9.414

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cycloheptane, methyl-	112	C8H16	004126-78-7	91
2			Cycloheptane, methyl-	112	C8H16	004126-78-7	80
3			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	58
4			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	58
5			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

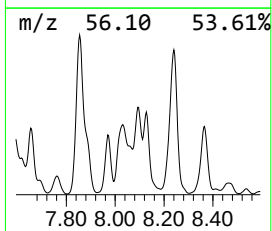
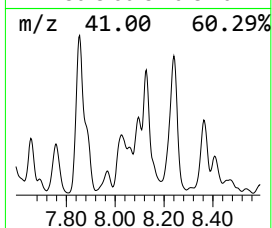
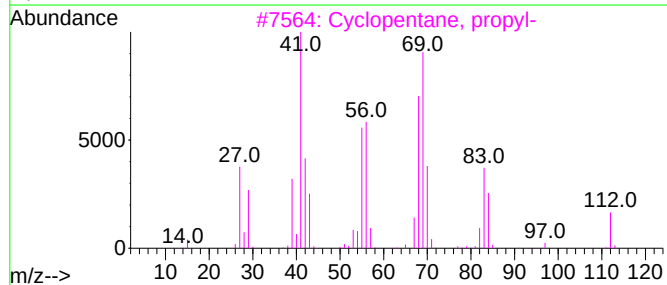
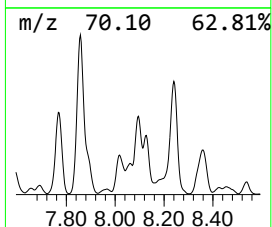
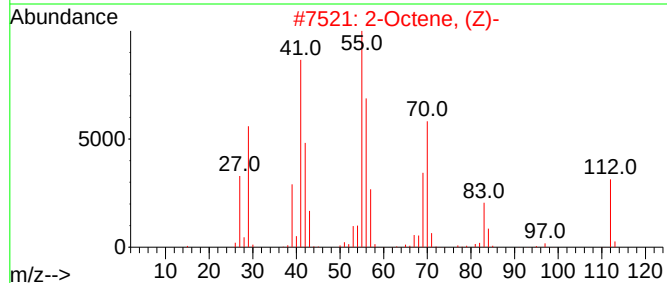
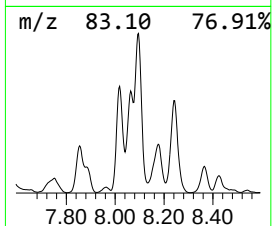
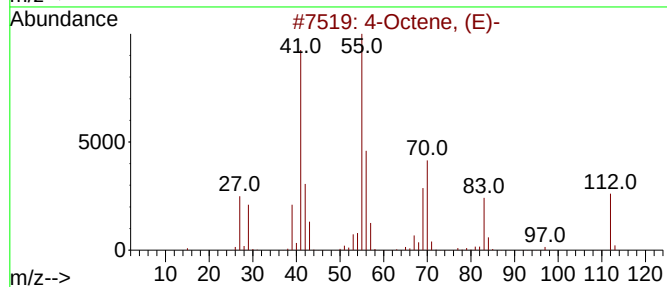
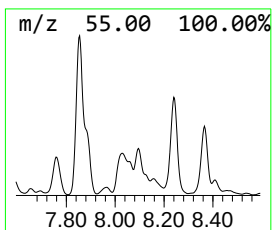
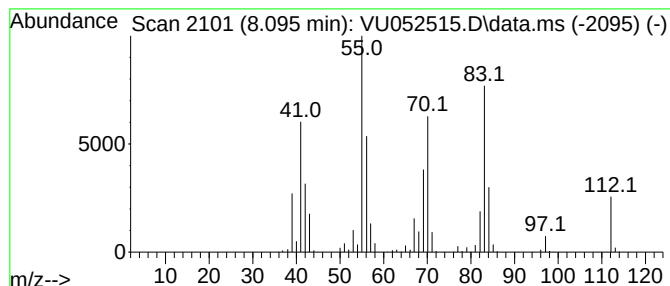
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.095	5.29 ug/L	785898	Chlorobenzene-d5	9.414

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Octene, (E)-	112	C8H16	014850-23-8	52
2		2-Octene, (Z)-	112	C8H16	007642-04-8	52
3		Cyclopentane, propyl-	112	C8H16	002040-96-2	49
4		cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	49
5		trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

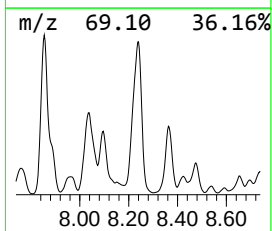
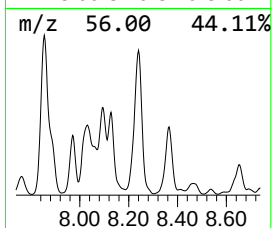
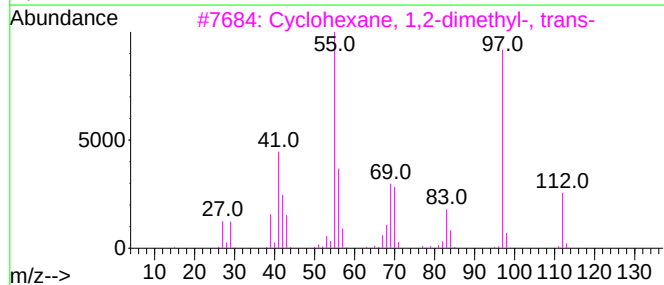
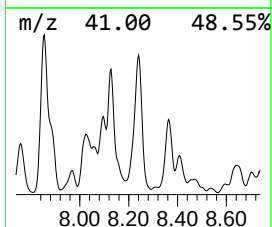
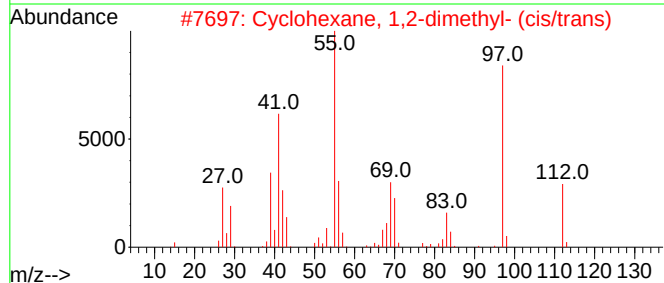
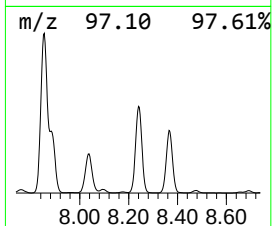
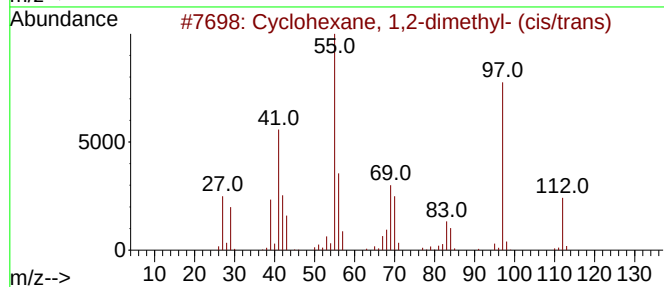
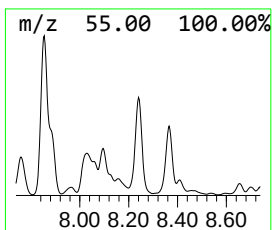
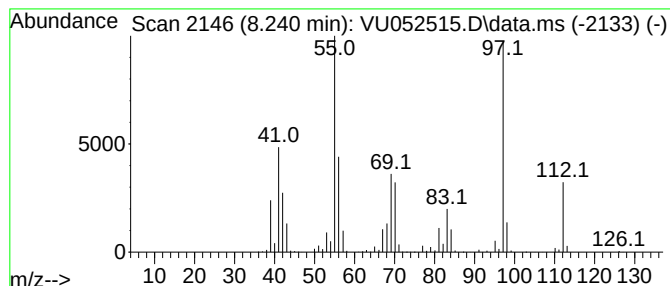
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Cyclic8.240 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.240	31.02 ug/L	4610720	Chlorobenzene-d5	9.414

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	97
2			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	97
3			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	96
4			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	96
5			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

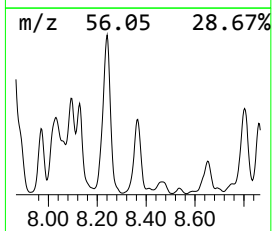
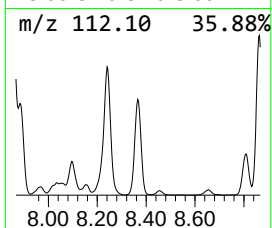
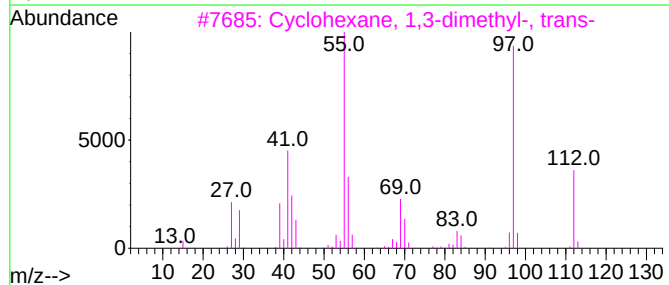
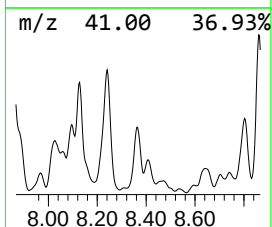
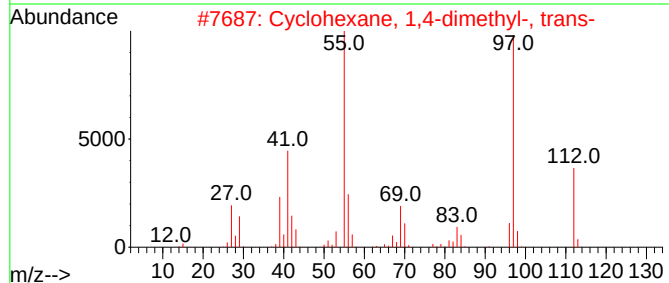
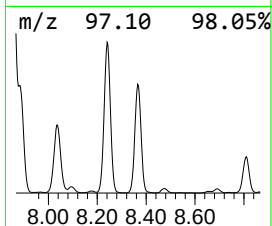
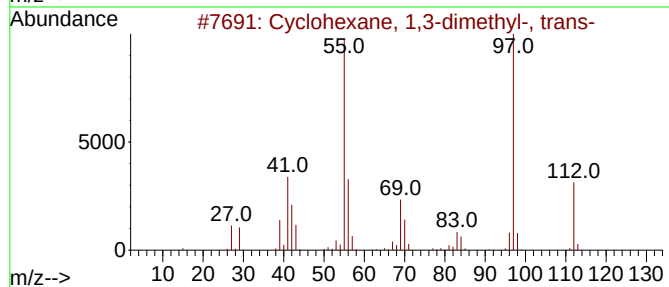
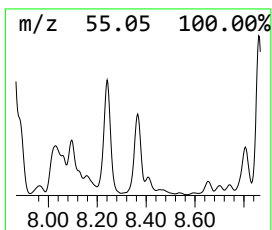
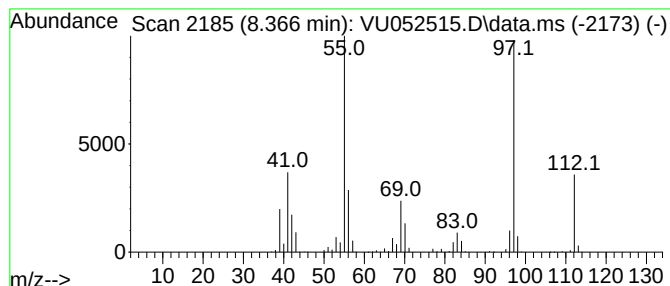
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Cyclic8.366 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.366	14.84 ug/L	2206310	Chlorobenzene-d5	9.414

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	97
2			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	97
3			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	97
4			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	96
5			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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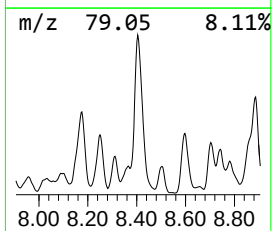
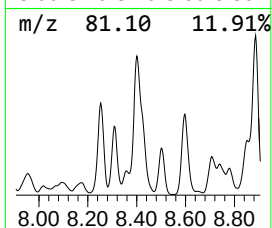
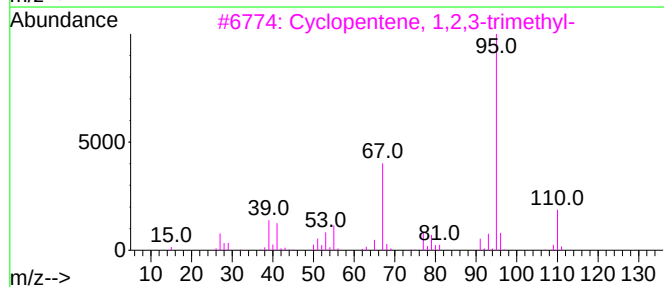
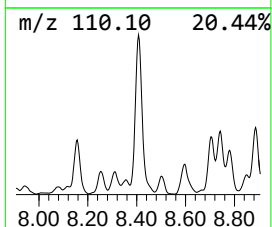
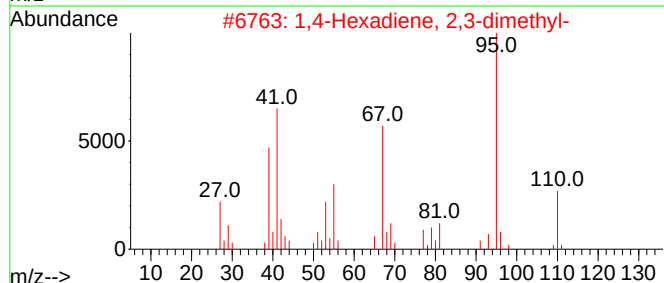
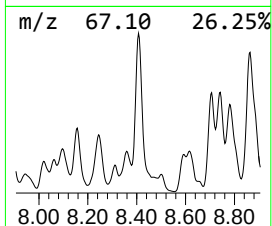
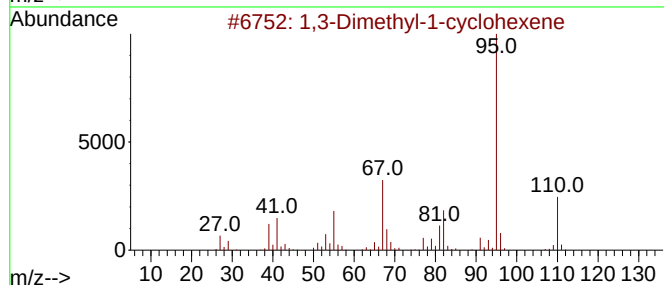
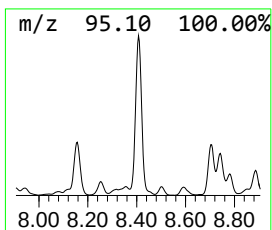
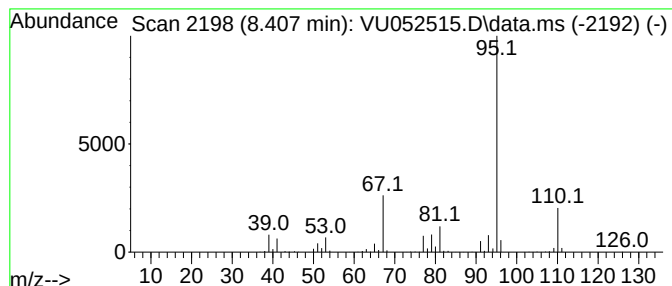
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 1,3-Dimethyl-1-cyclohexene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.407	13.96 ug/L	2075320	Chlorobenzene-d5	9.414

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	91
2			1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	91
3			Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	87
4			Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	74
5			1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

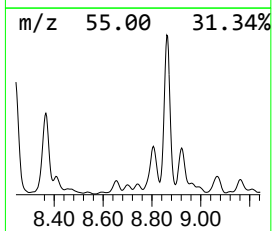
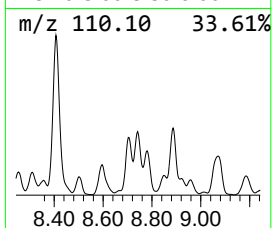
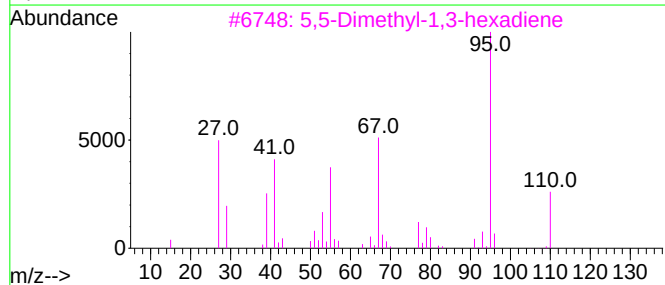
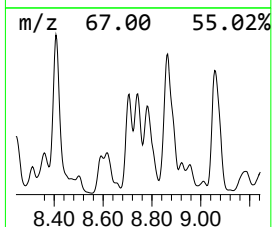
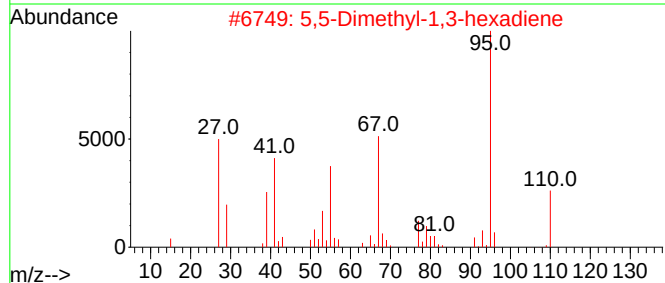
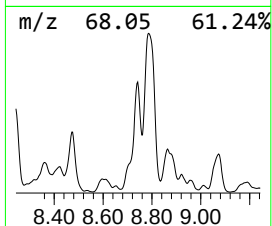
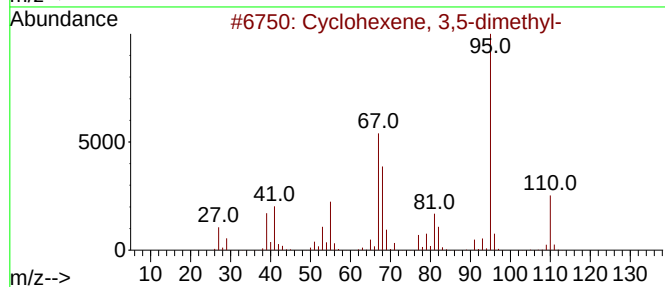
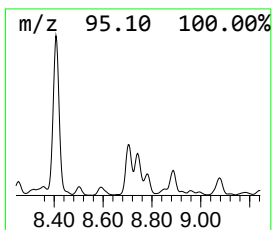
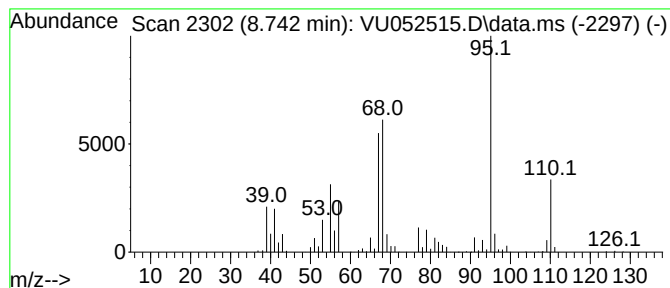
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 Cyclohexene, 3,5-dimethyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.742	5.33 ug/L	792578	Chlorobenzene-d5	9.414

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	80
2			5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	76
3			5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	76
4			Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	72
5			Cyclobutene, 1,2,3,4-tetramethyl-	110	C8H14	090346-45-5	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

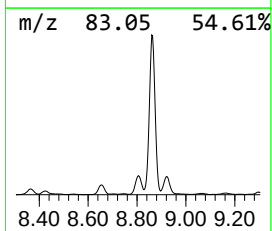
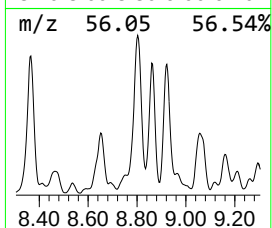
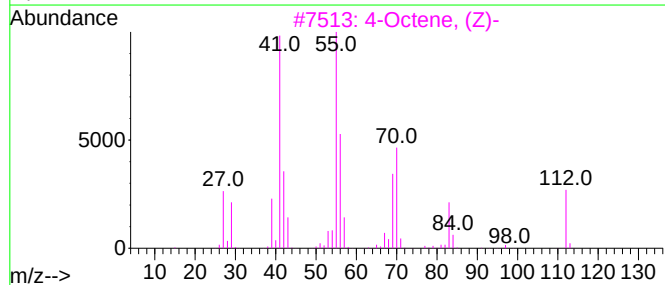
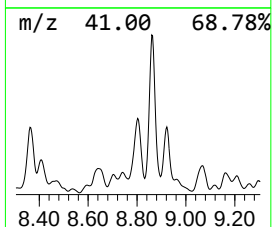
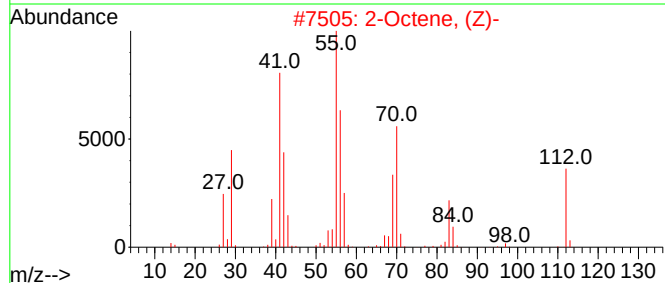
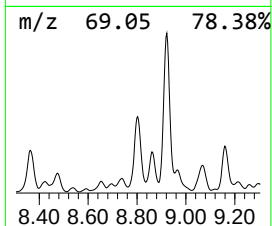
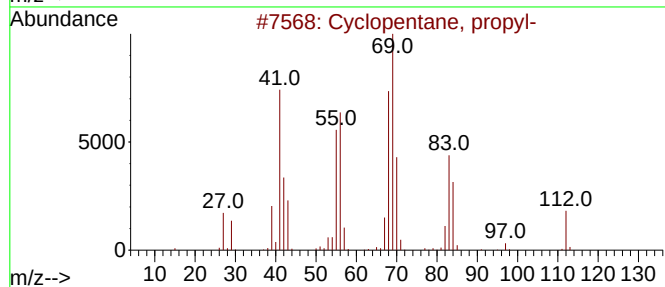
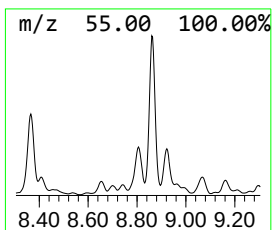
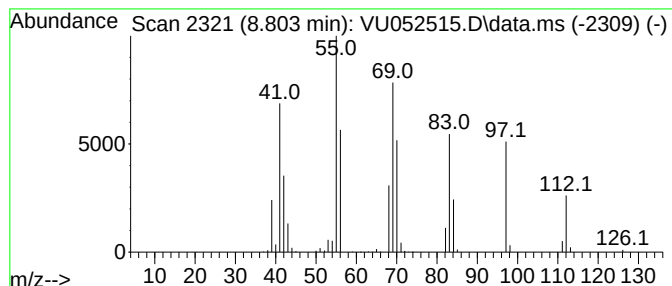
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Cyclic8.803 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.803	15.17 ug/L	2255070	Chlorobenzene-d5	9.414

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, propyl-	112	C8H16	002040-96-2	52
2		2-Octene, (Z)-	112	C8H16	007642-04-8	45
3		4-Octene, (Z)-	112	C8H16	007642-15-1	43
4		4-Octene, (E)-	112	C8H16	014850-23-8	43
5		Cyclooctane	112	C8H16	000292-64-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

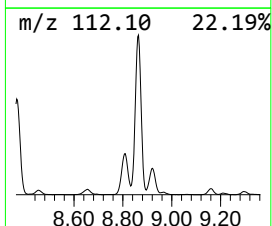
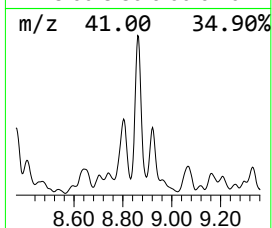
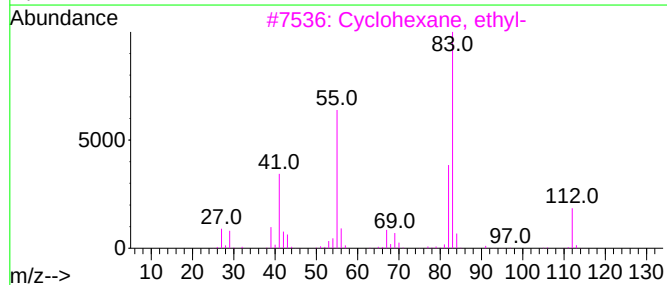
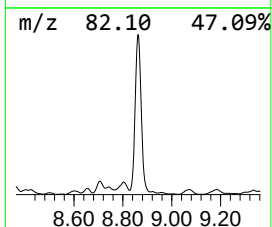
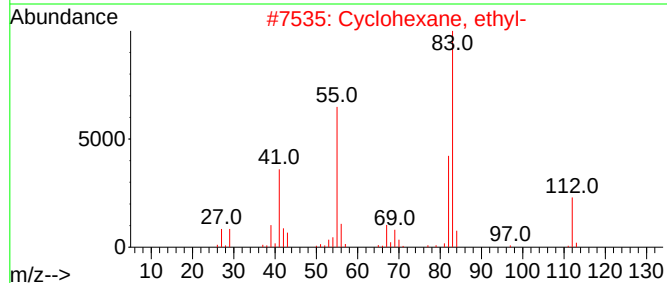
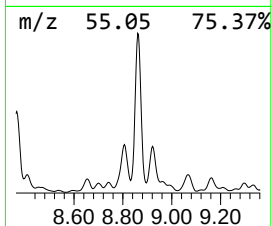
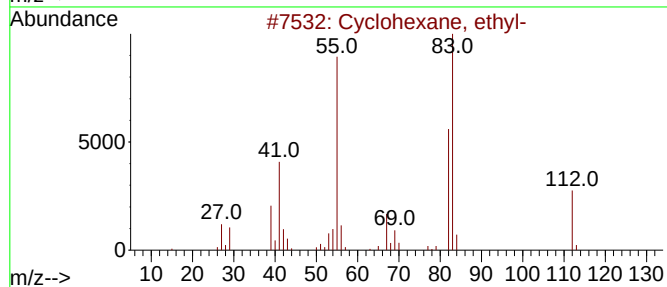
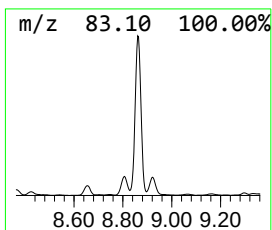
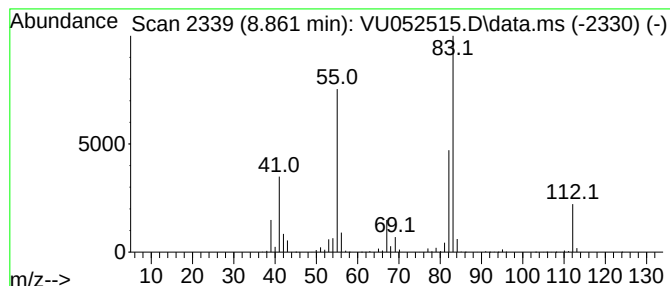
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Cyclic8.861 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.861	30.96 ug/L	4601460	Chlorobenzene-d5	9.414

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, ethyl-	112	C8H16	001678-91-7	93
2		Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
3		Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
5		Cyclohexane, ethyl-	112	C8H16	001678-91-7	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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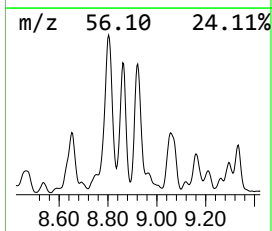
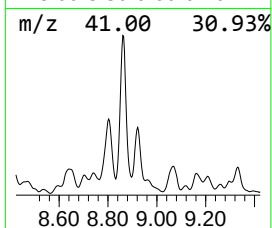
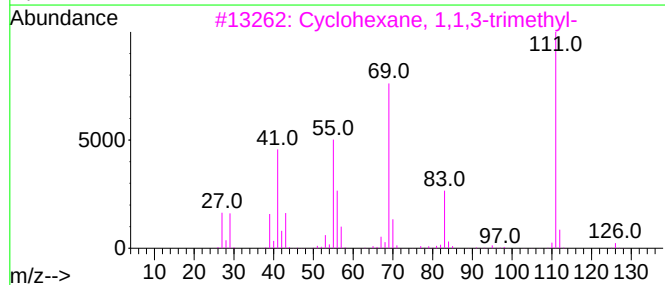
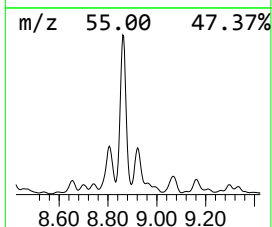
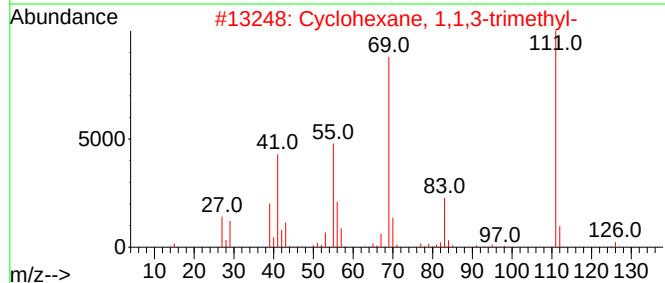
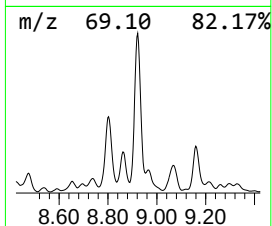
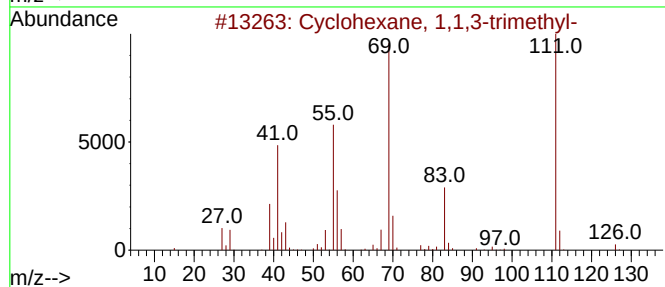
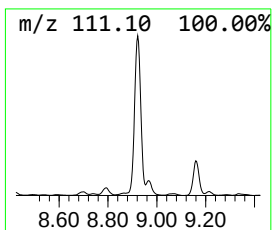
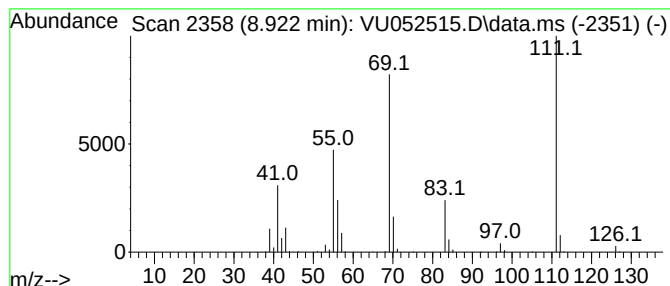
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 (DEL) Alkane: Cyclic8.922 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.922	10.92 ug/L	1622650	Chlorobenzene-d5	9.414

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
2		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
3		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
4		Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	72
5		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

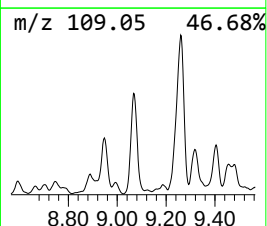
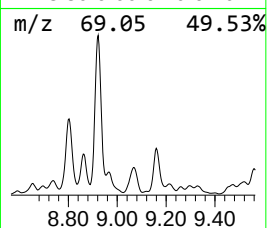
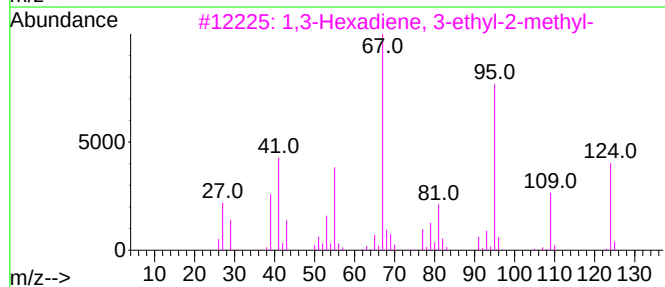
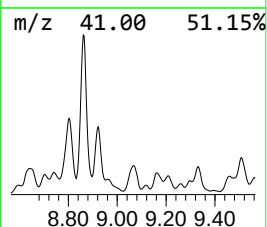
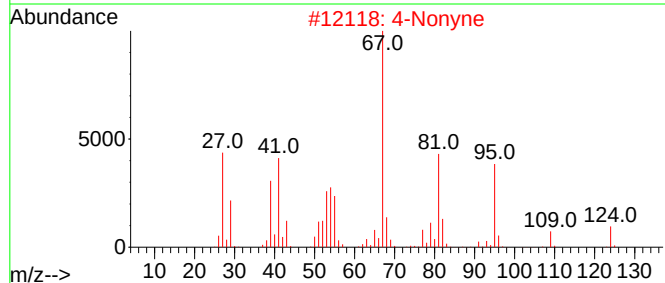
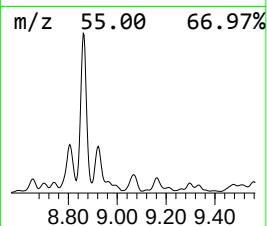
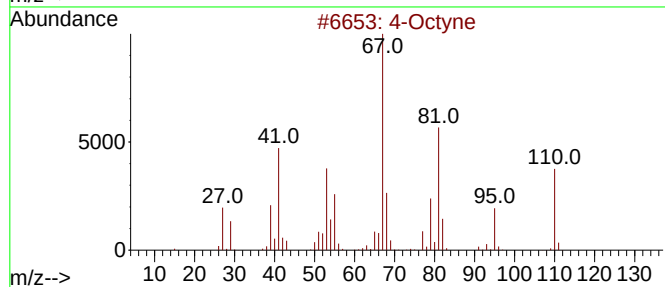
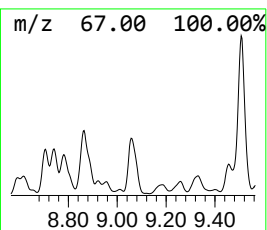
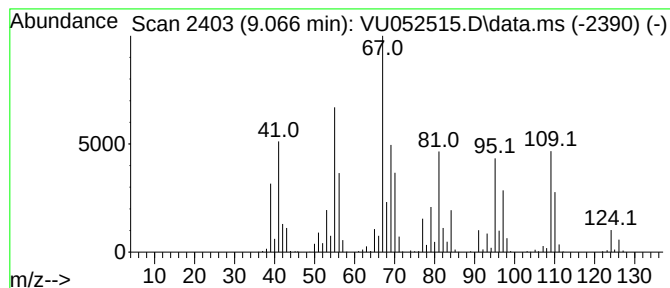
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 unknown-01 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.066	10.15 ug/L	1508810	Chlorobenzene-d5	9.414

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Octyne	110	C8H14	001942-45-6	46
2			4-Nonyne	124	C9H16	020184-91-2	43
3			1,3-Hexadiene, 3-ethyl-2-methyl-	124	C9H16	061142-36-7	43
4			1-Methylcycloheptene	110	C8H14	055308-20-8	43
5			Cyclohexene, 1,6-dimethyl-	110	C8H14	001759-64-4	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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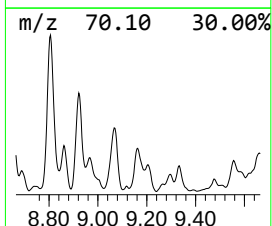
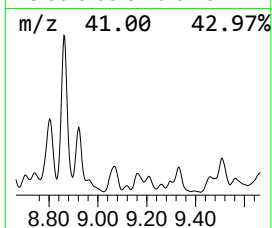
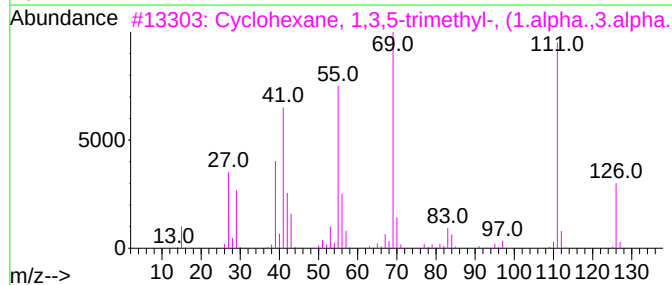
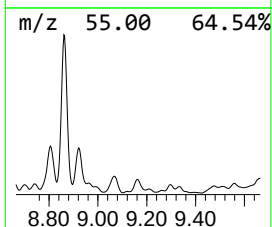
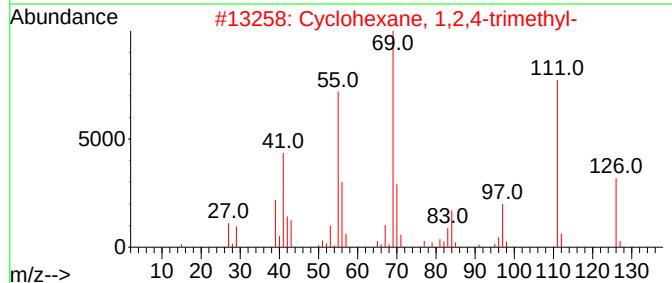
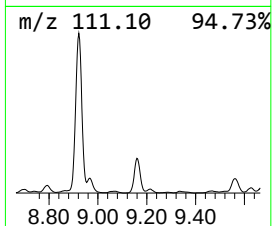
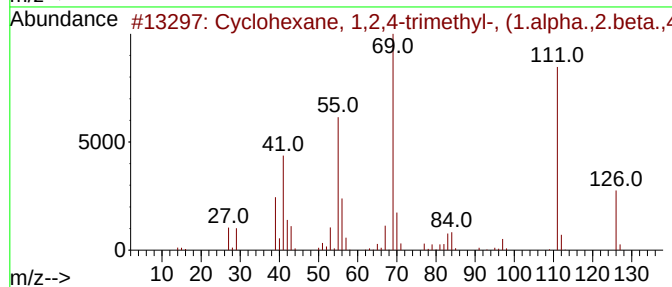
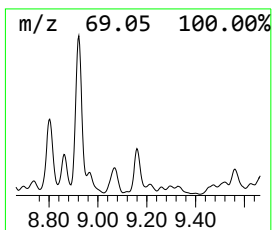
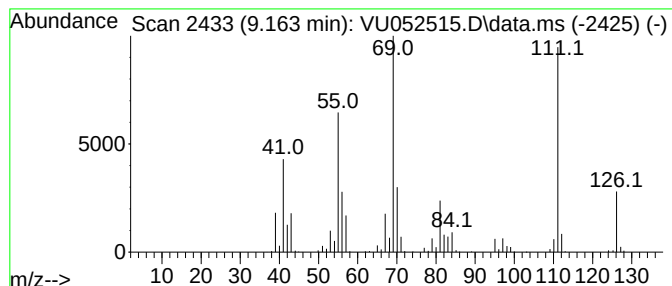
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Cyclic9.163 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.163	5.07 ug/L	753845	Chlorobenzene-d5	9.414

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	93
2			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	93
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	90
4			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	80
5			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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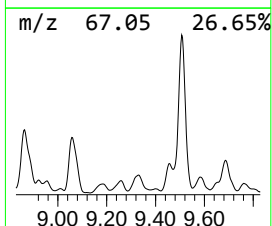
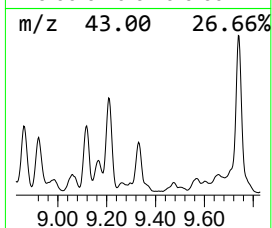
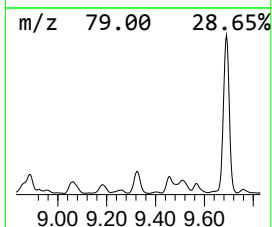
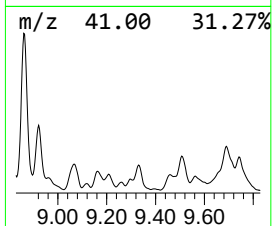
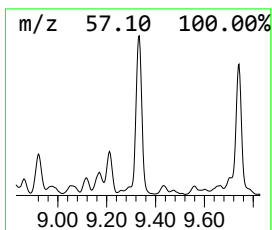
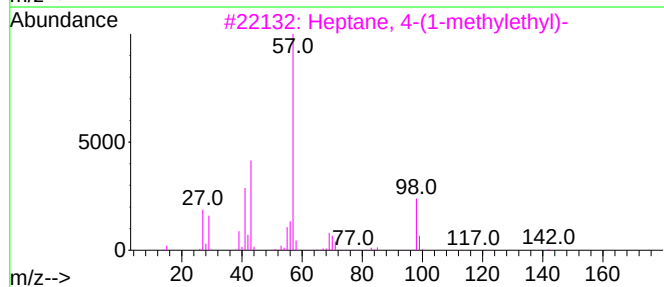
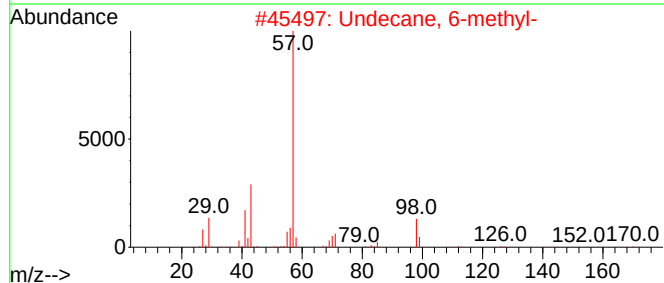
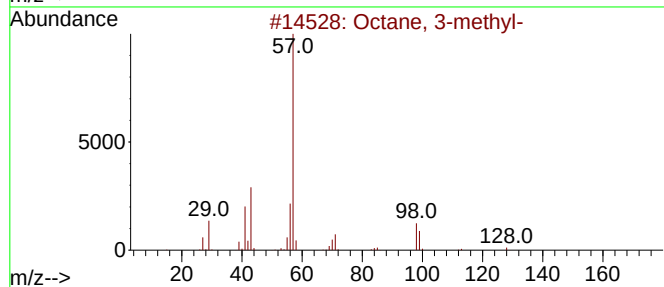
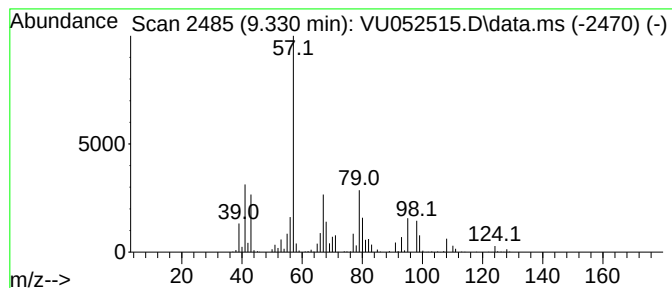
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.330	7.92 ug/L	1176650	Chlorobenzene-d5	9.414

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 3-methyl-	128	C9H20	002216-33-3	35
2		Undecane, 6-methyl-	170	C12H26	017302-33-9	14
3		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	14
4		Octane, 3-methyl-	128	C9H20	002216-33-3	14
5		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	11



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

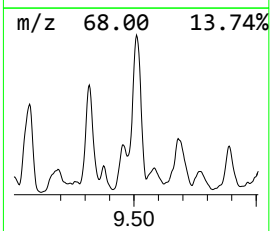
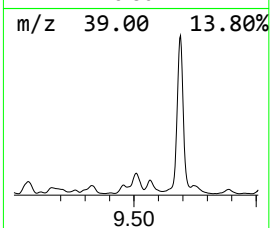
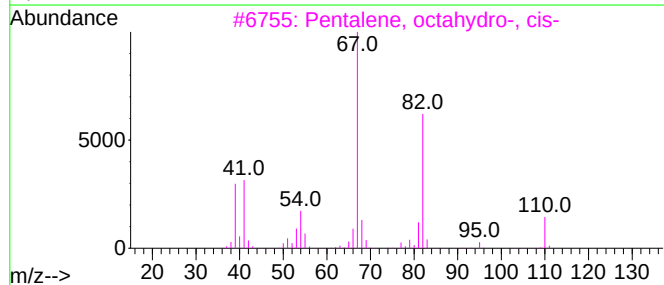
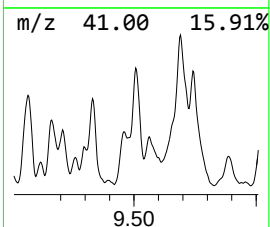
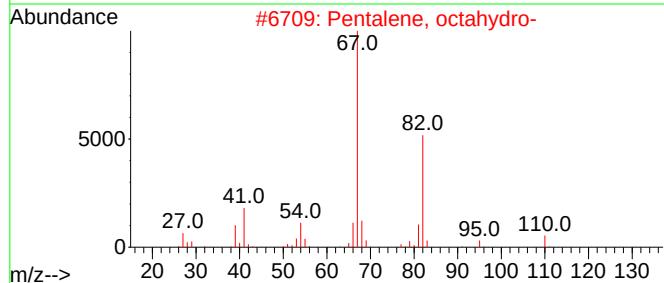
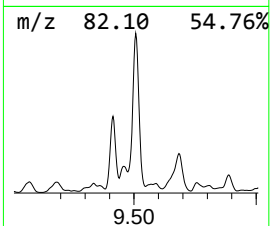
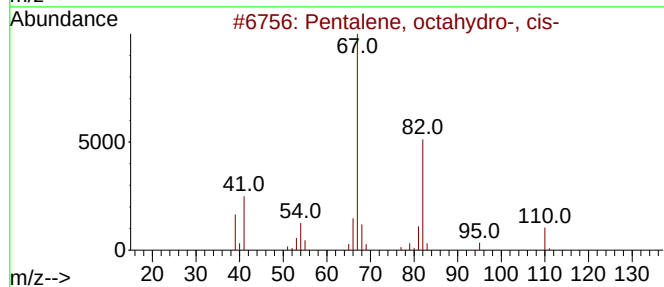
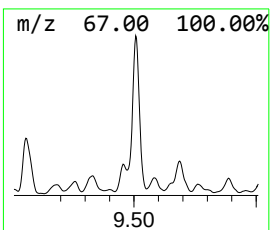
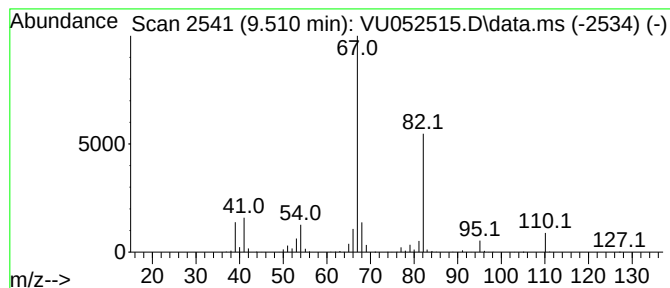
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 Pentalene, octahydro-, cis- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.510	10.61 ug/L	1576760	Chlorobenzene-d5	9.414

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	91
2			Pentalene, octahydro-	110	C8H14	000694-72-4	87
3			Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	78
4			Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	78
5			Cyclopentene, 3-propyl-	110	C8H14	034067-75-9	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

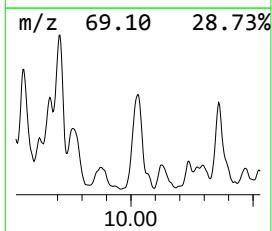
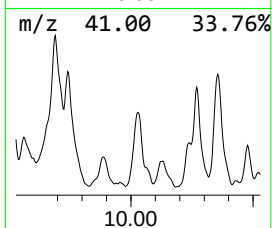
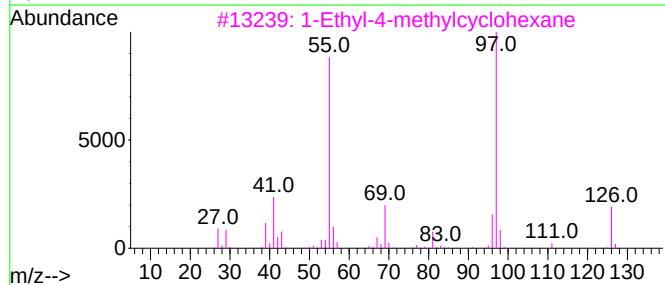
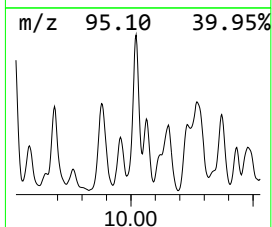
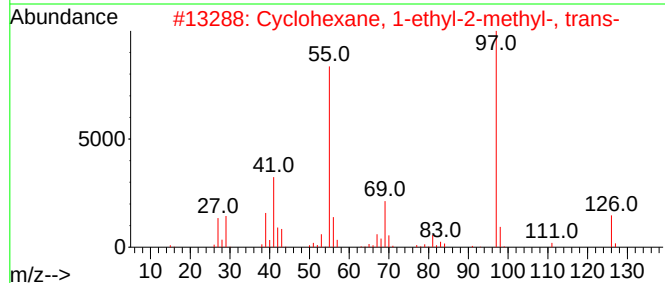
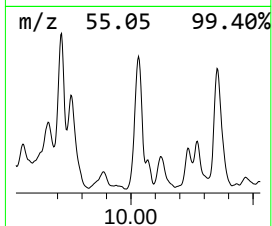
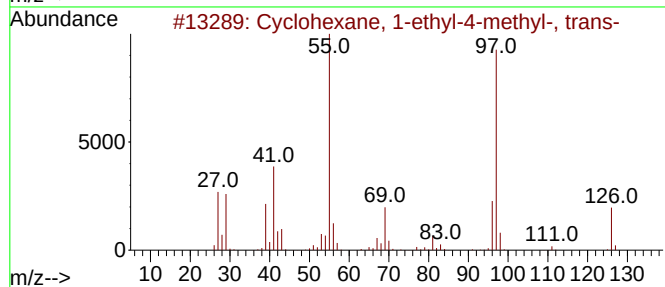
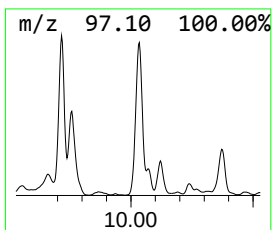
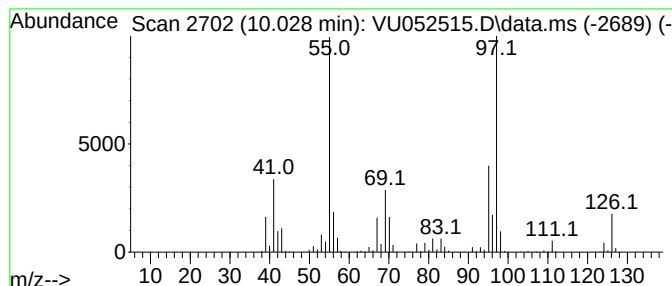
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Cyclic10.028 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.028	9.67 ug/L	1437830	Chlorobenzene-d5	9.414

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	70
2			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	64
3			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	58
4			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	53
5			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

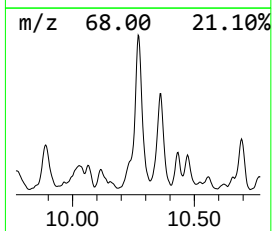
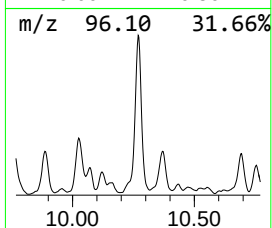
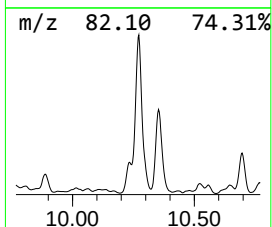
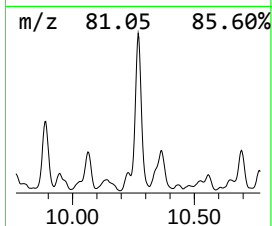
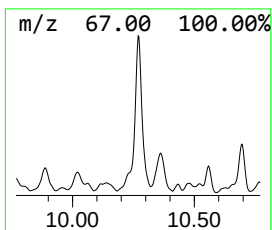
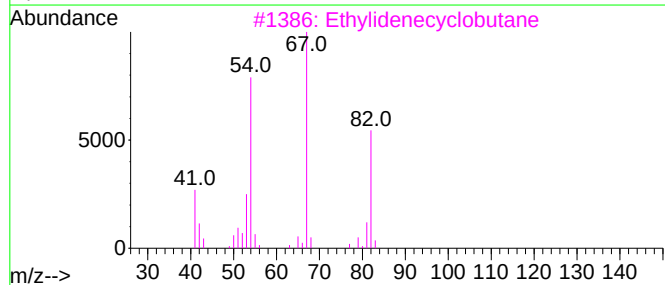
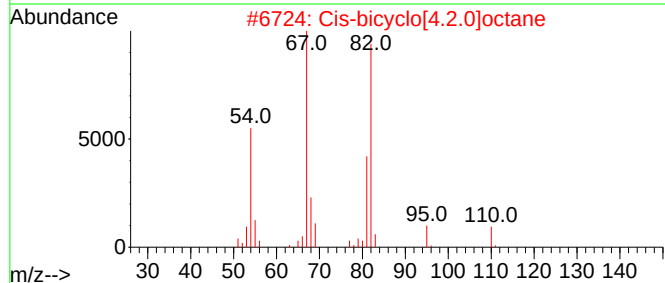
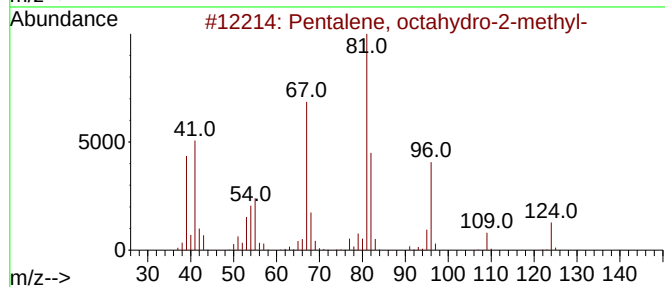
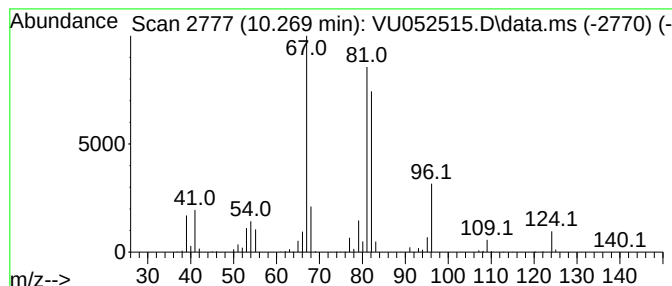
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 Pentalene, octahydro-2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.269	11.79 ug/L	1752940	Chlorobenzene-d5	9.414

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	60
2			Cis-bicyclo[4.2.0]octane	110	C8H14	028282-35-1	47
3			Ethylidenecyclobutane	82	C6H10	001528-21-8	46
4			Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	43
5			2-Cyclohexen-1-one, 4,5-dimethyl-	124	C8H12O	005715-25-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

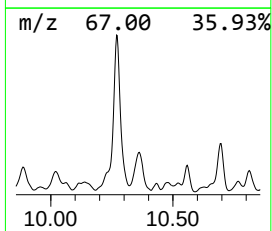
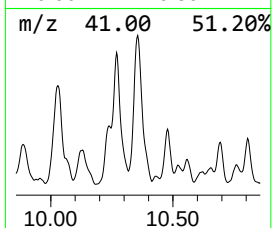
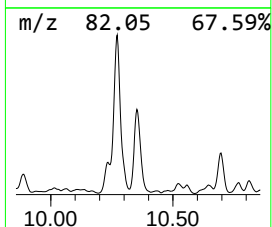
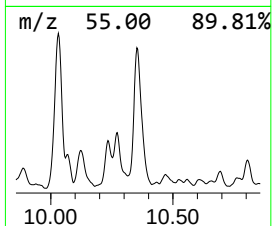
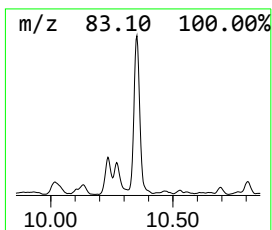
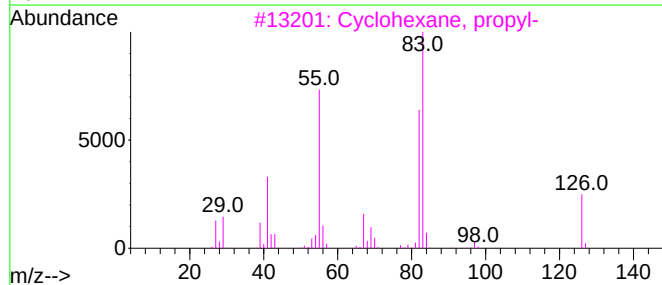
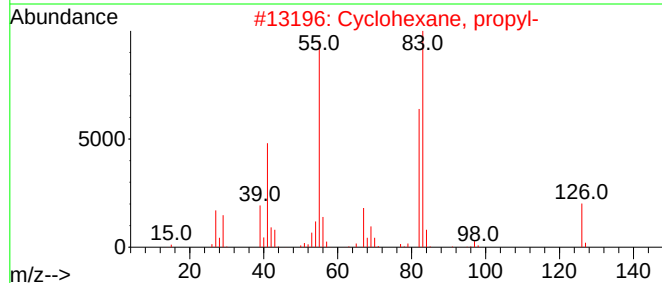
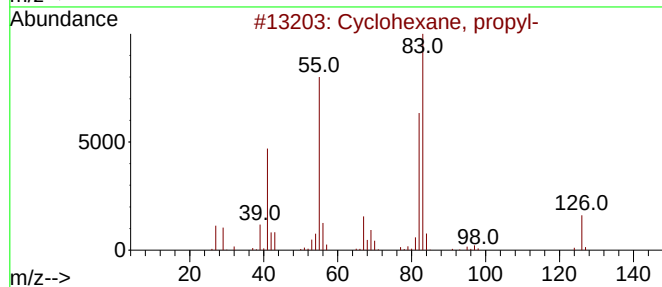
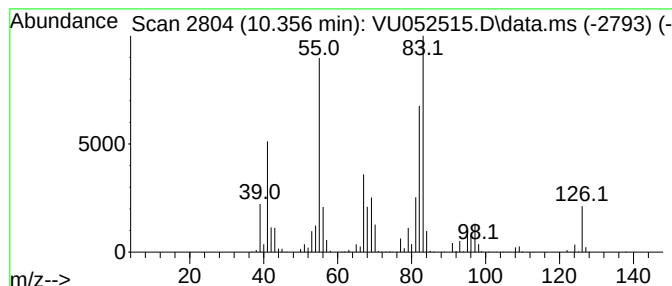
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 (DEL) Alkane: Cyclic10.356 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.356	10.58 ug/L	1572670	Chlorobenzene-d5	9.414

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	64
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	64
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	64
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

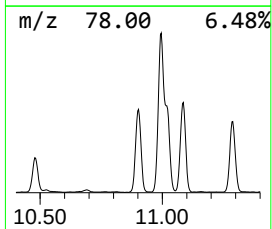
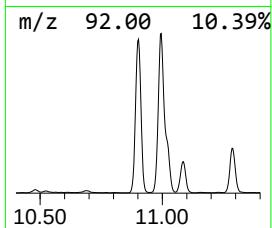
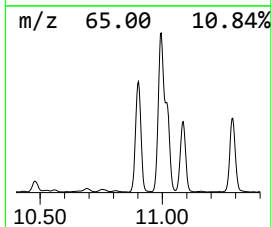
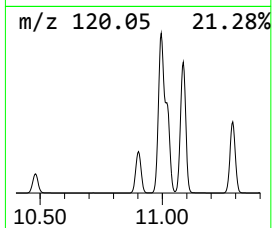
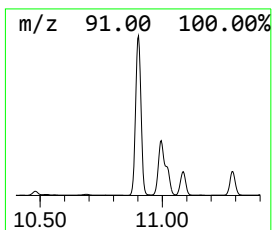
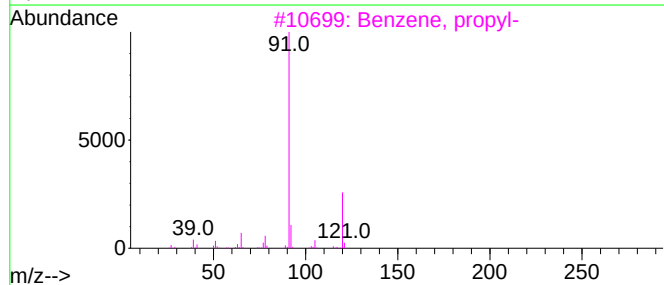
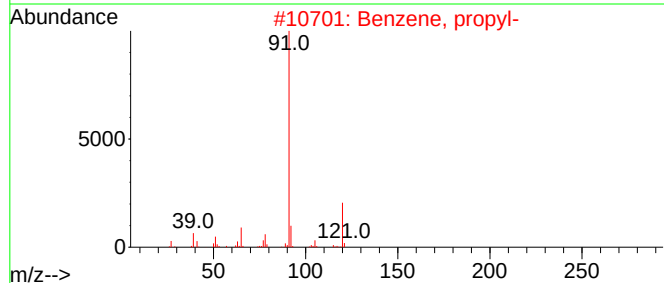
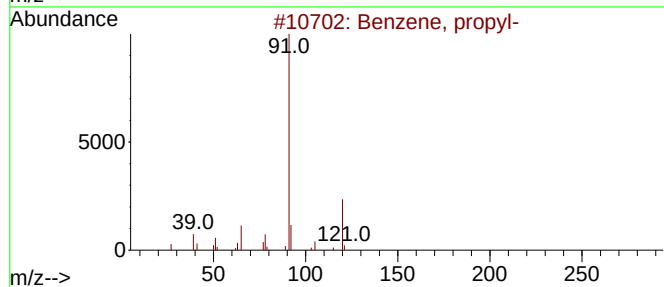
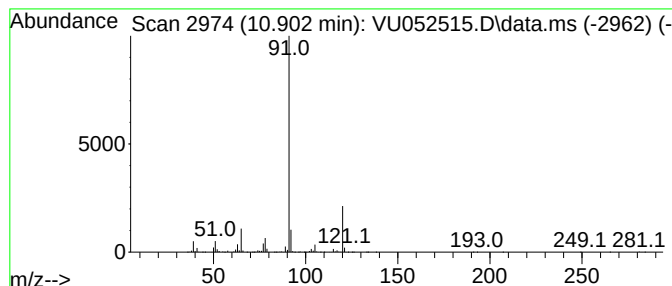
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ClientSampleId :
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 Benzene, propyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.902	12.38 ug/L	4164410	1,4-Dichlorobenzene-d4			11.809
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, propyl-		120	C9H12	000103-65-1	94
2	Benzene, propyl-		120	C9H12	000103-65-1	90
3	Benzene, propyl-		120	C9H12	000103-65-1	87
4	N-Benzyl-2-phenethylamine		211	C15H17N	003647-71-0	78
5	Phenethylamine, N-benzyl-p-chloro-		245	C15H16ClN	013622-43-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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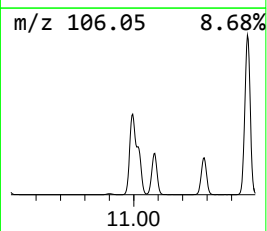
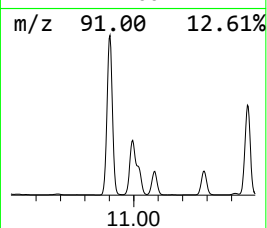
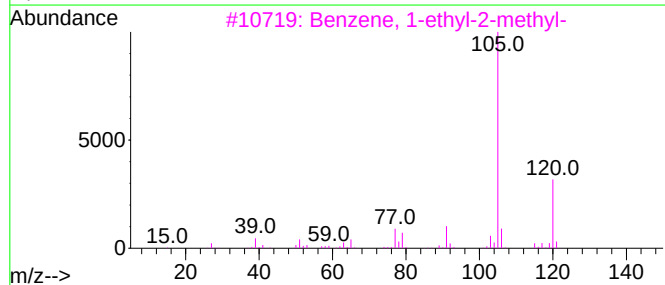
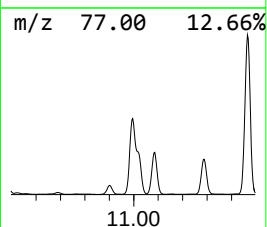
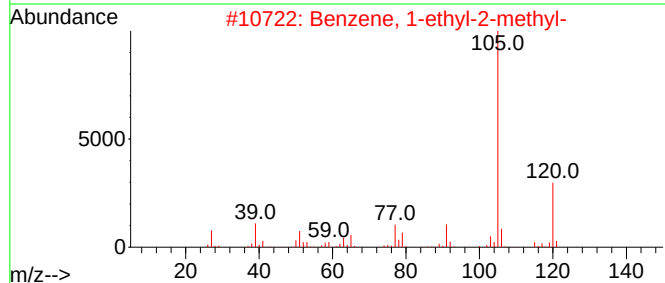
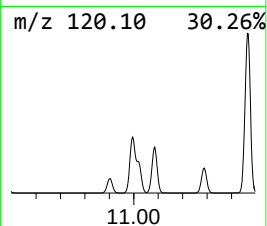
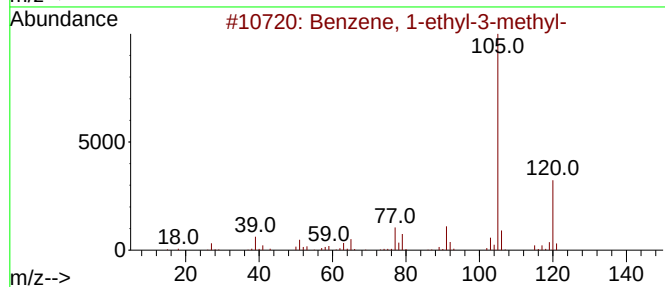
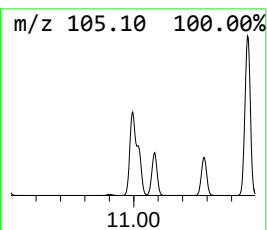
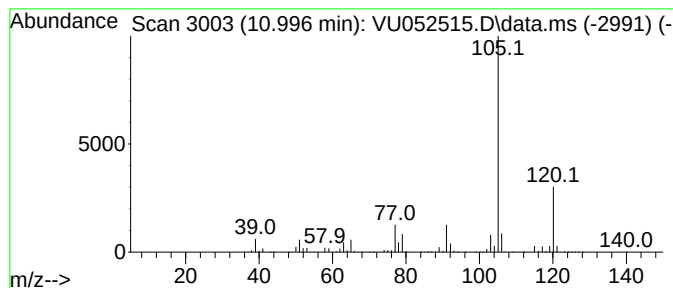
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.996	47.52 ug/L	15984800	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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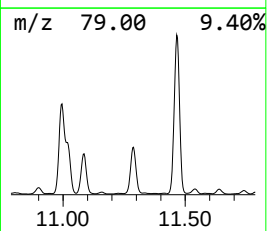
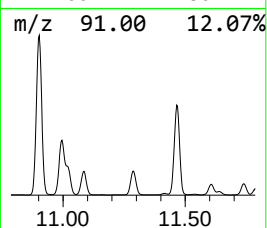
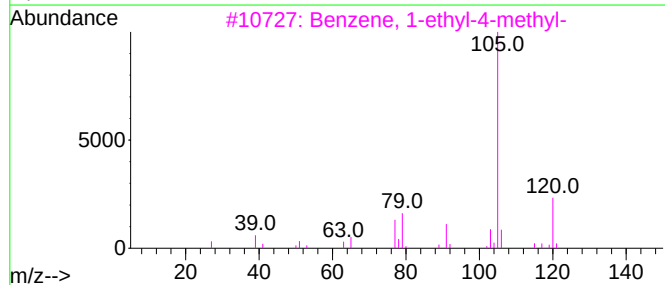
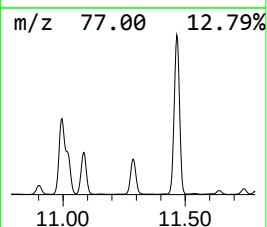
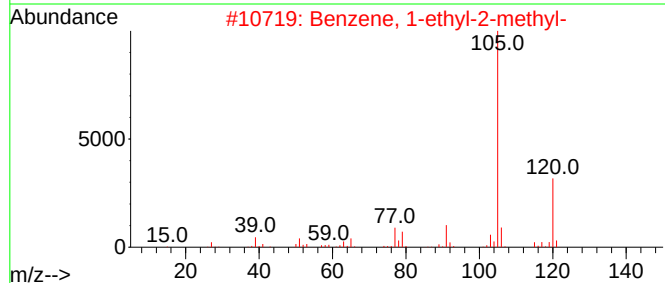
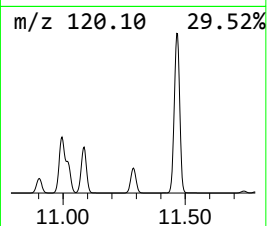
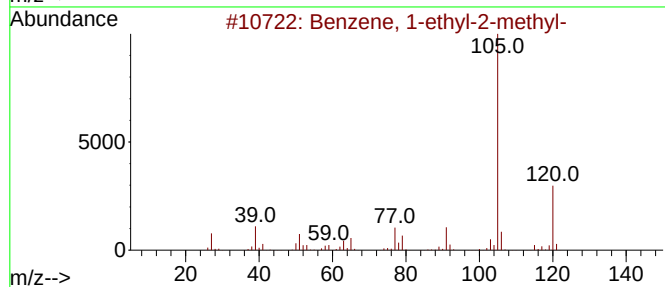
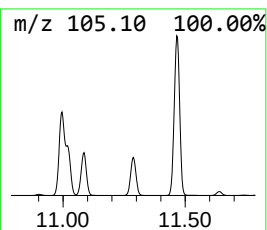
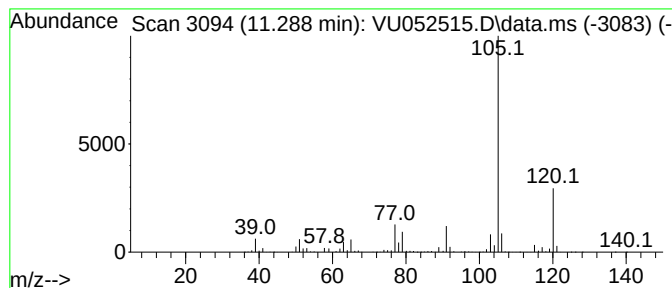
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.288	19.83 ug/L	6671650	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

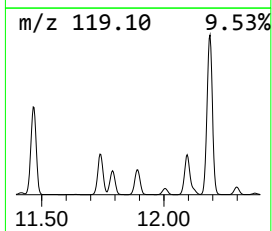
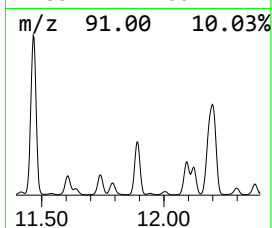
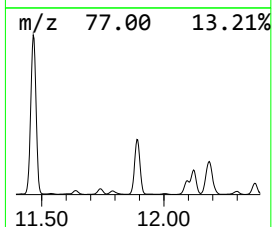
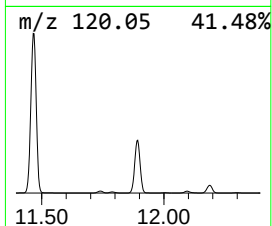
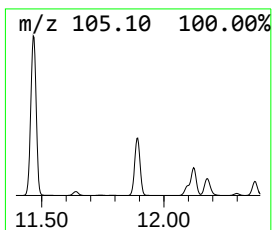
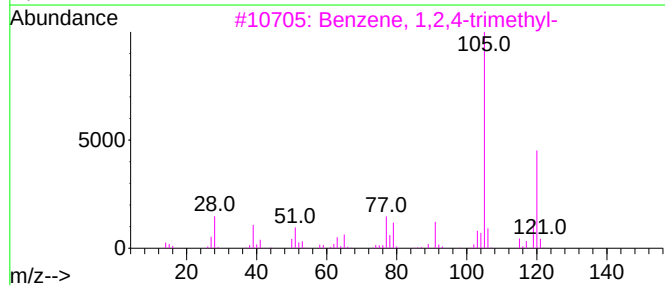
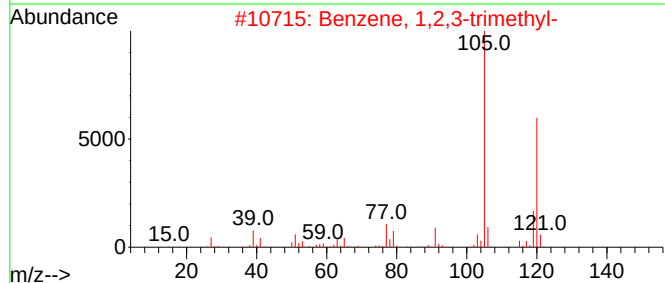
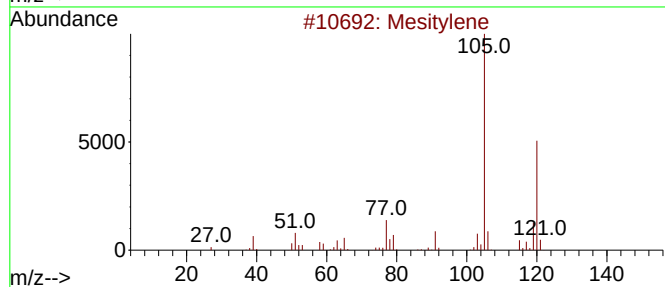
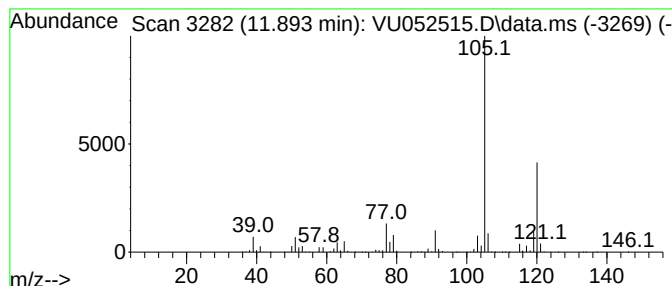
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.893	31.13 ug/L	10471400	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	97
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4			Mesitylene	120	C9H12	000108-67-8	93
5			Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

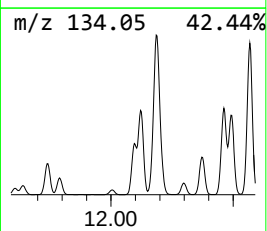
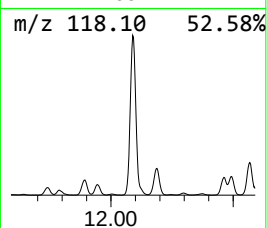
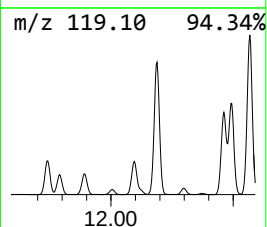
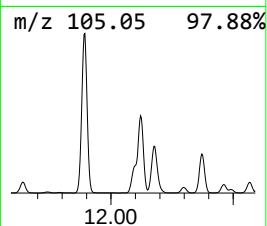
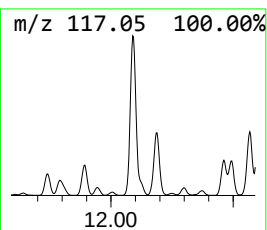
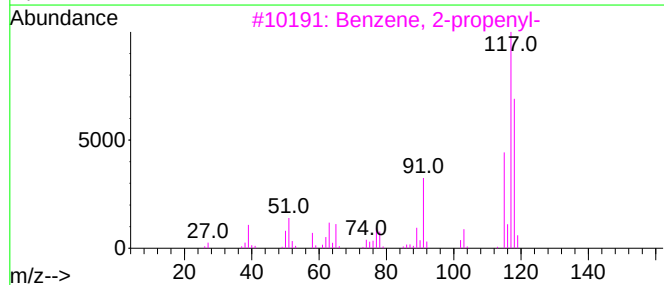
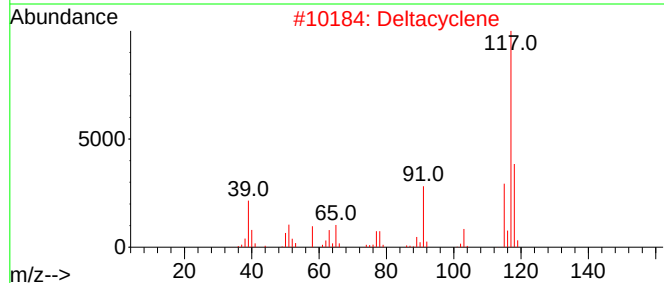
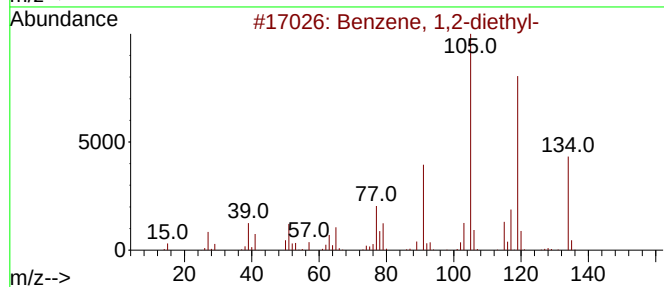
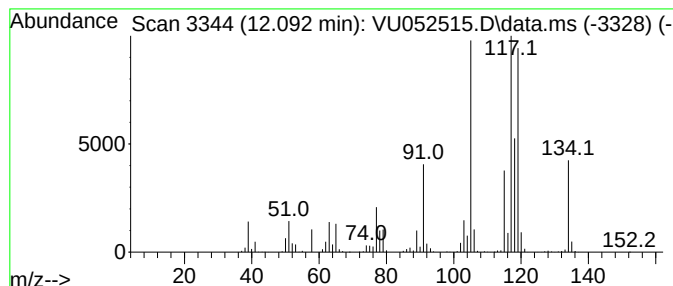
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 Benzene, 1,2-diethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	13.27 ug/L	4463890	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
2			Deltacyclene	118	C9H10	007785-10-6	83
3			Benzene, 2-propenyl-	118	C9H10	000300-57-2	80
4			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	60
5			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

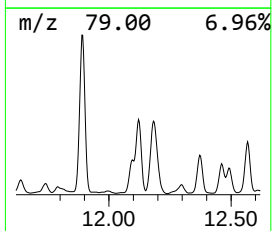
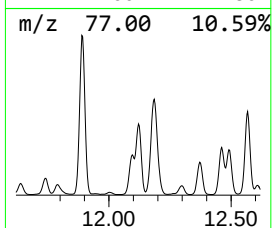
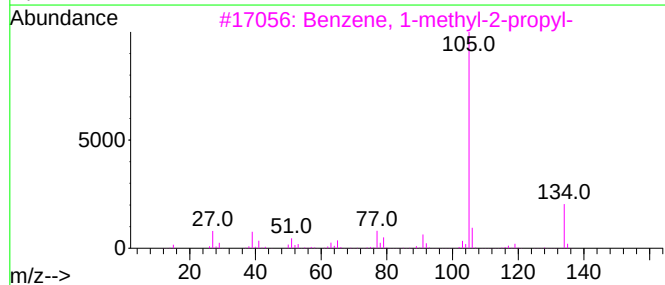
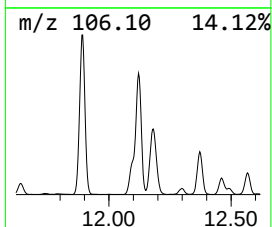
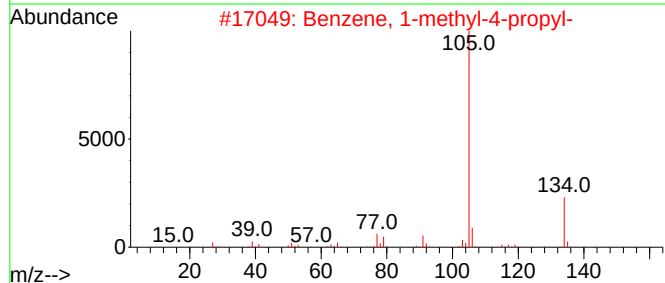
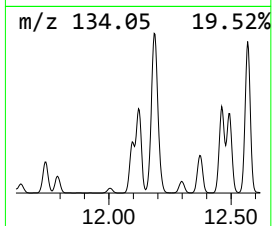
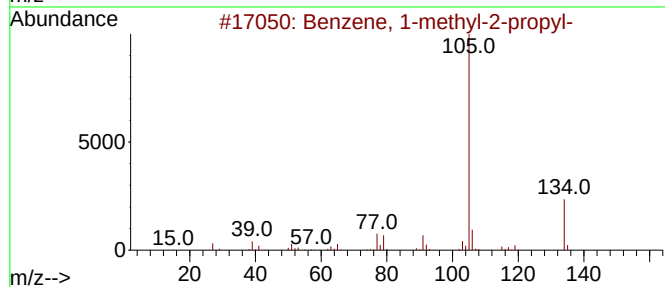
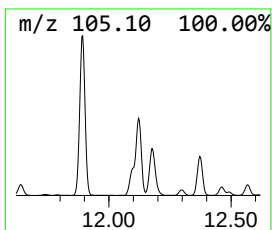
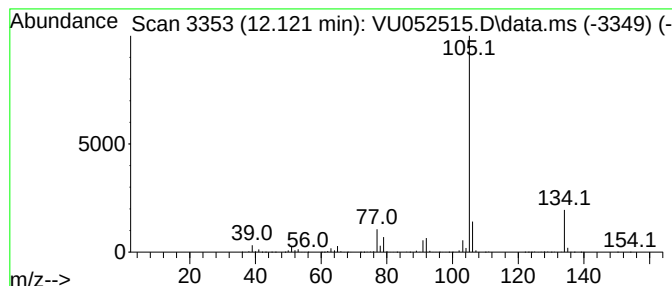
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 Benzene, 1-methyl-2-propyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.121	11.90 ug/L	4004210	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
5			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

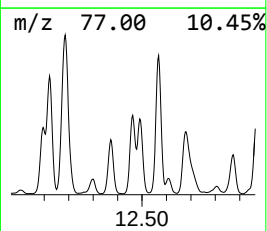
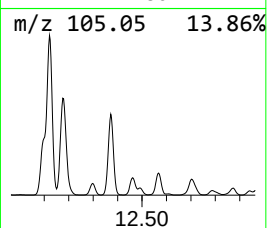
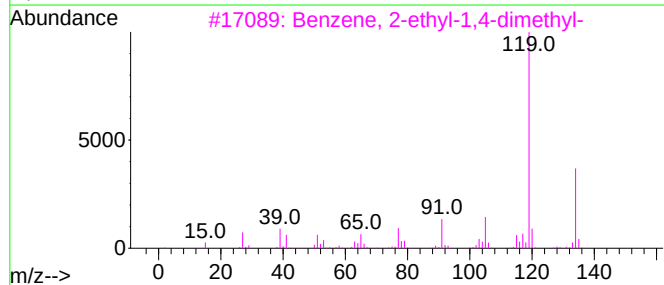
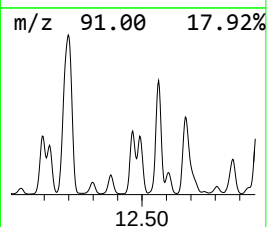
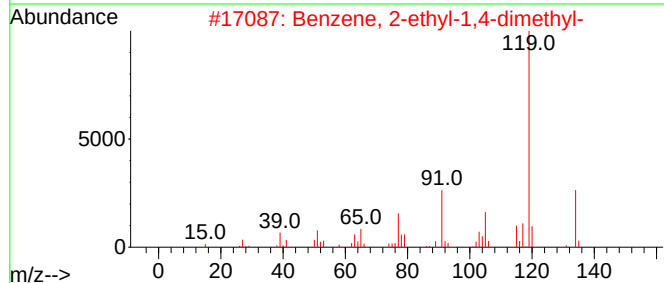
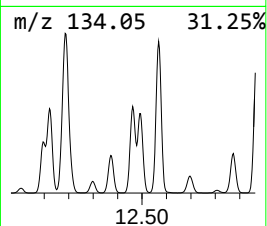
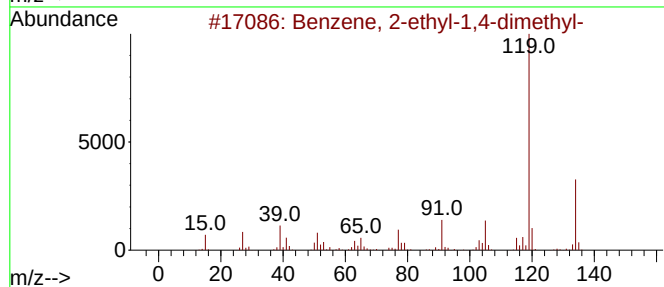
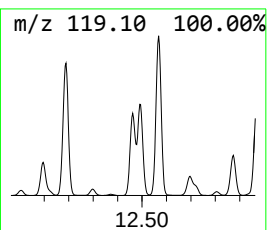
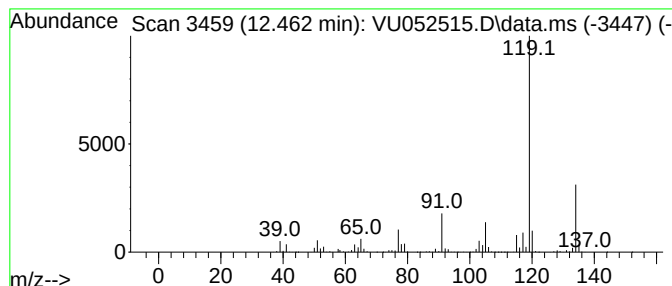
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.462	12.40 ug/L	4171450	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4			o-Cymene	134	C10H14	000527-84-4	95
5			o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

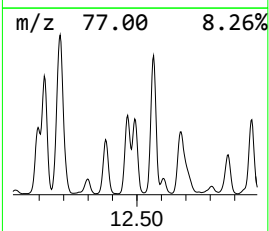
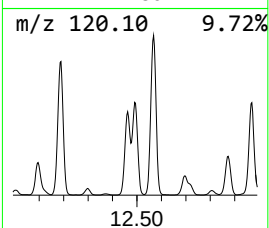
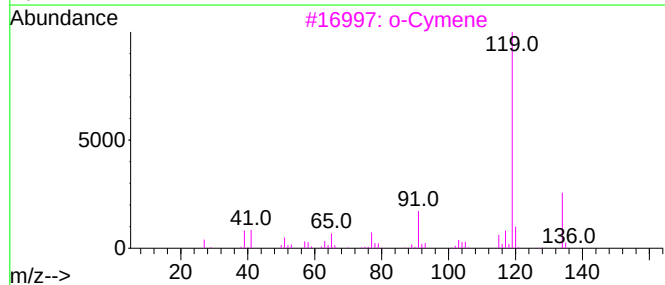
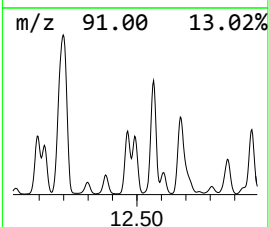
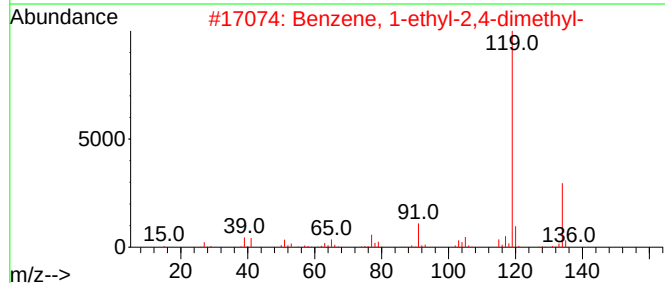
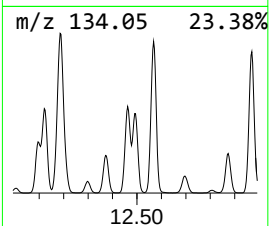
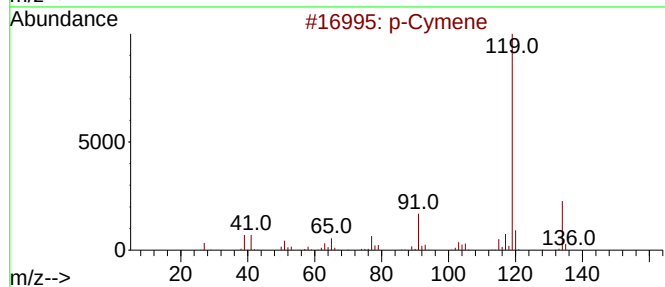
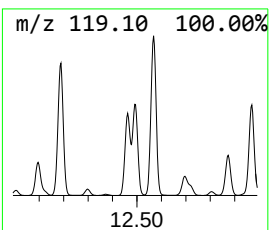
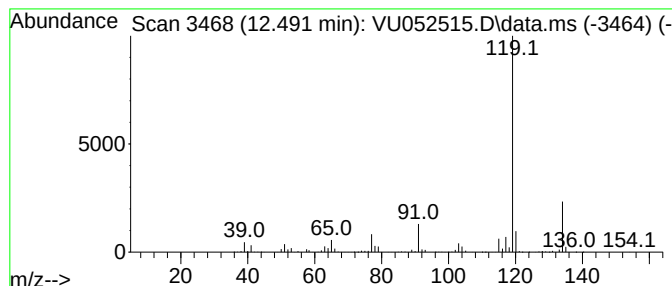
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 p-Cymene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.491	10.51 ug/L	3536840	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	95
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
3			o-Cymene	134	C10H14	000527-84-4	94
4			p-Cymene	134	C10H14	000099-87-6	91
5			1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

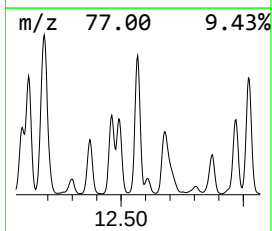
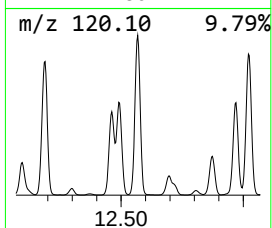
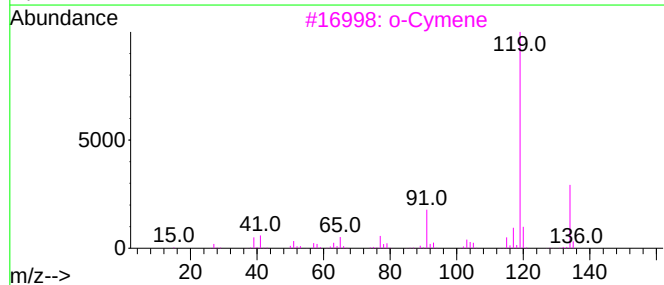
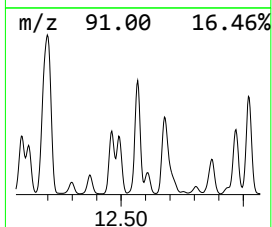
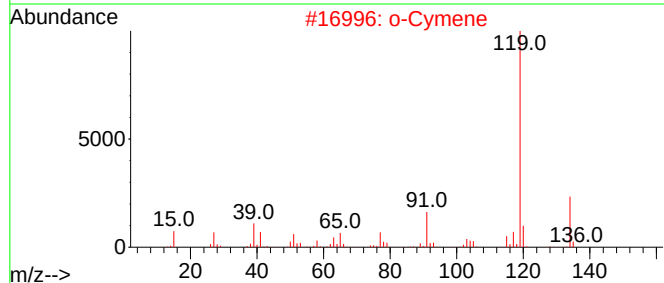
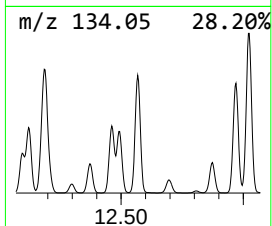
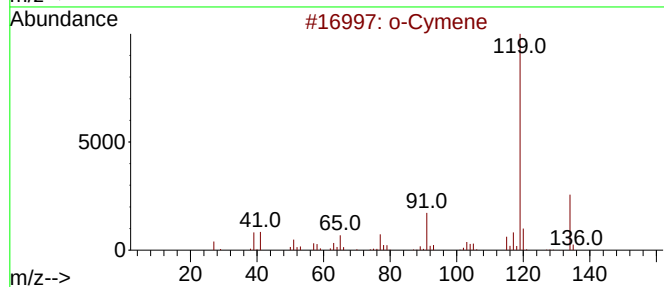
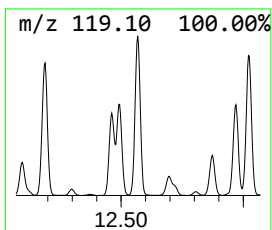
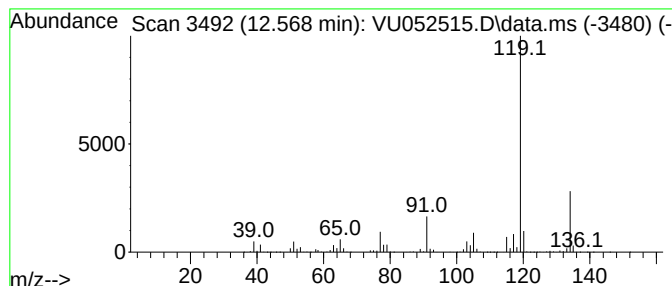
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.568	21.44 ug/L	7212870	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	97
2			o-Cymene	134	C10H14	000527-84-4	97
3			o-Cymene	134	C10H14	000527-84-4	97
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5			p-Cymene	134	C10H14	000099-87-6	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

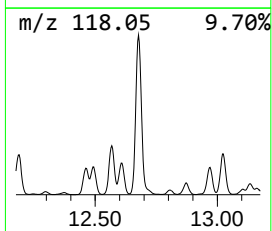
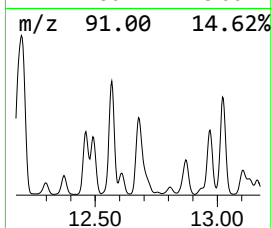
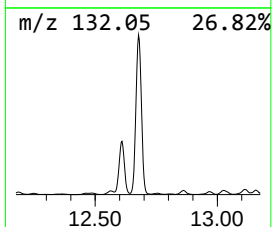
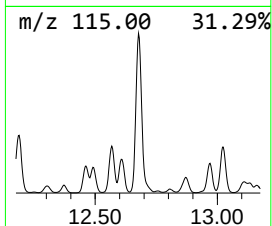
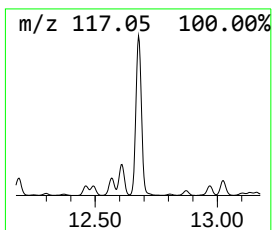
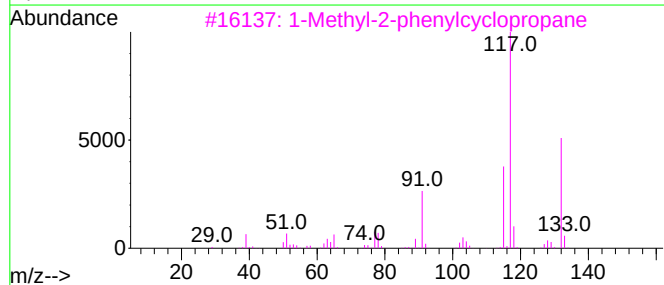
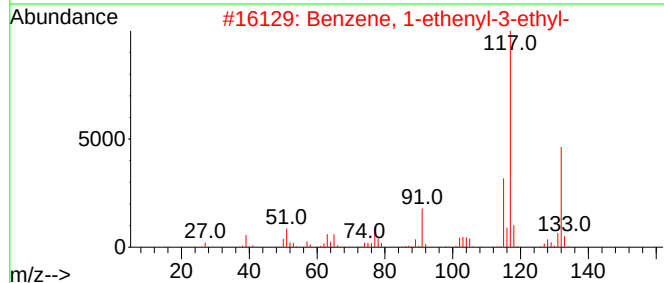
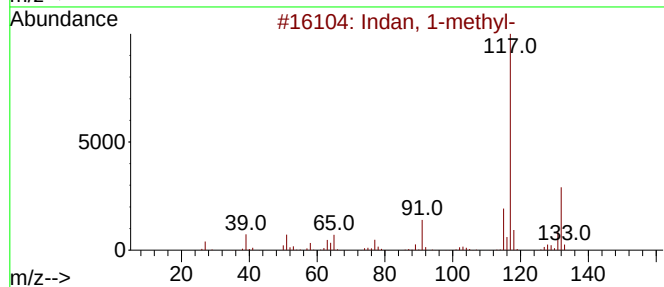
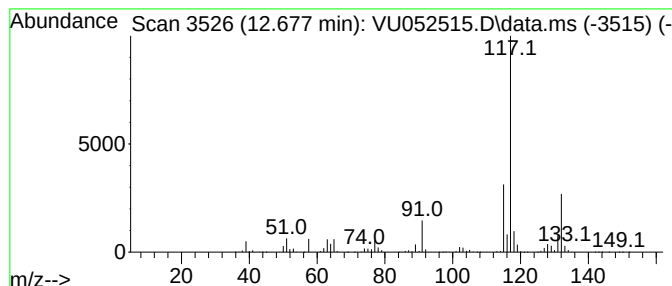
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 Indan, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.677	23.44 ug/L	7883970	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indan, 1-methyl-	132	C10H12	000767-58-8	93
2			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	83
4			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83
5			Benzene, 2-butenyl-	132	C10H12	001560-06-1	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

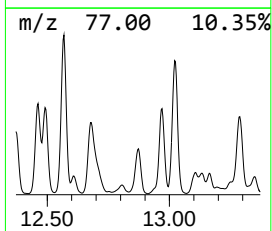
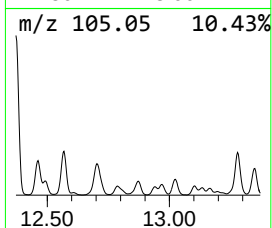
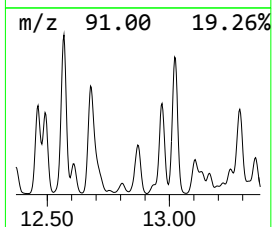
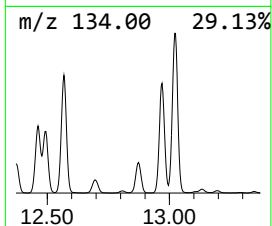
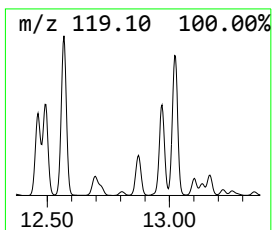
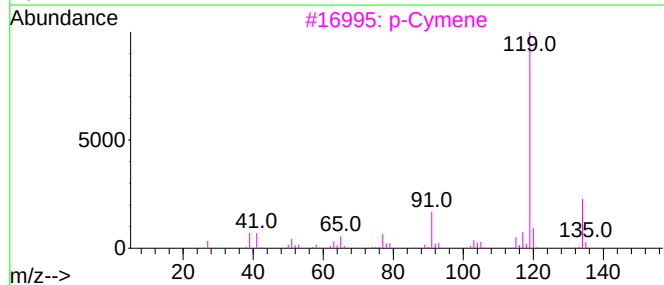
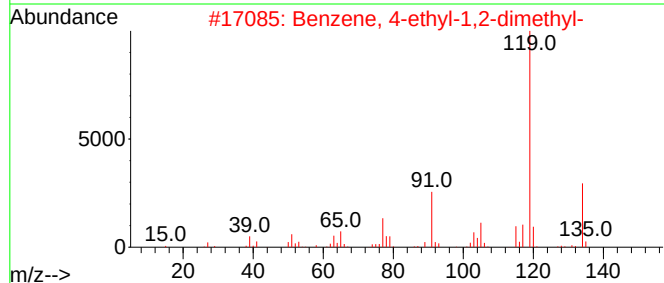
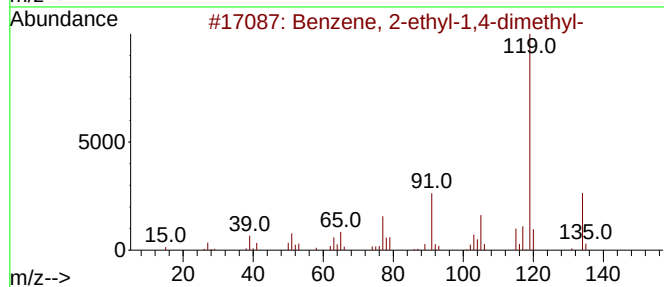
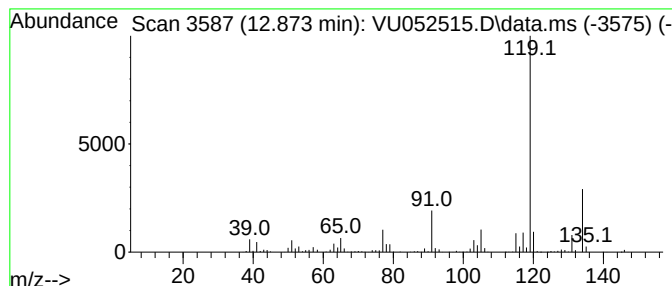
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.873	7.33 ug/L	2464980	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3			p-Cymene	134	C10H14	000099-87-6	95
4			o-Cymene	134	C10H14	000527-84-4	95
5			o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

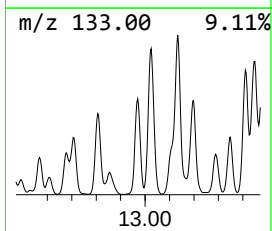
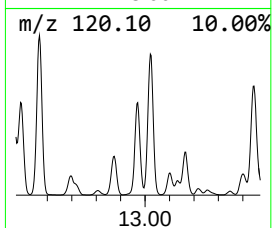
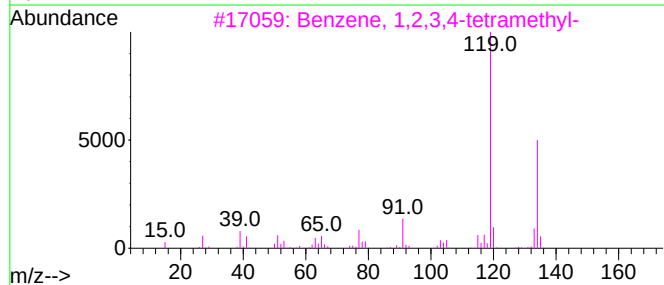
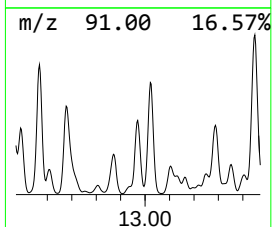
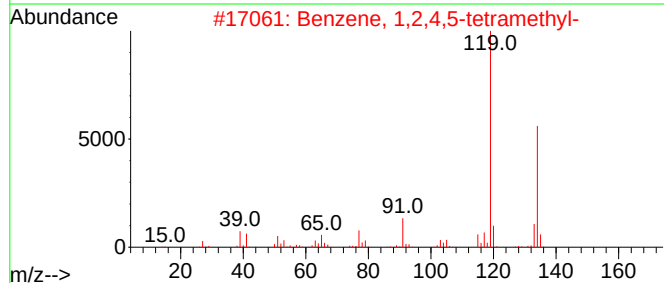
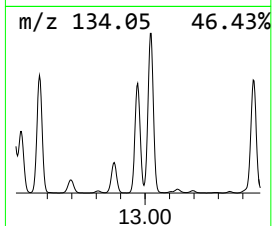
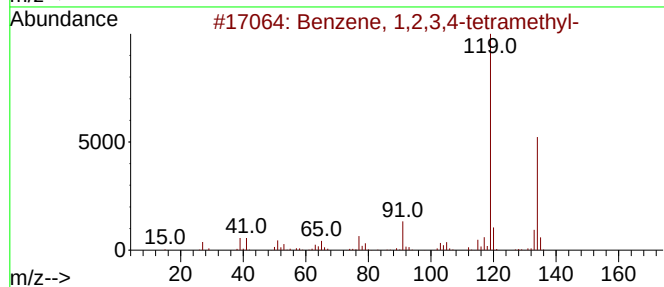
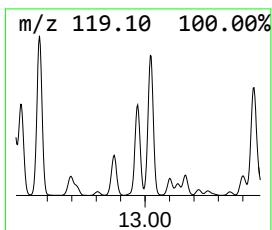
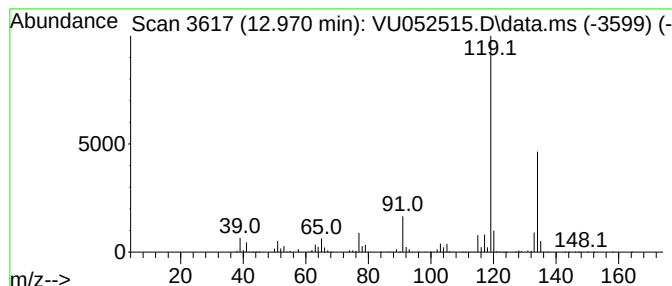
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.970	14.11 ug/L	4745870	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

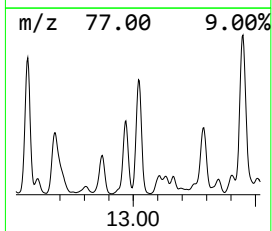
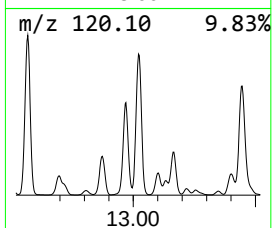
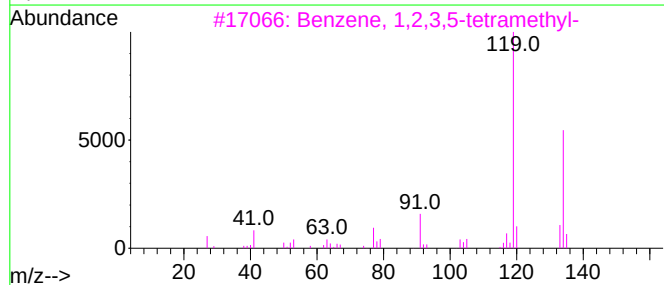
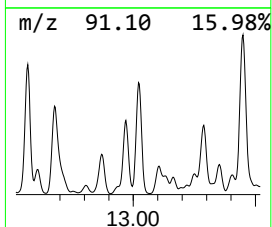
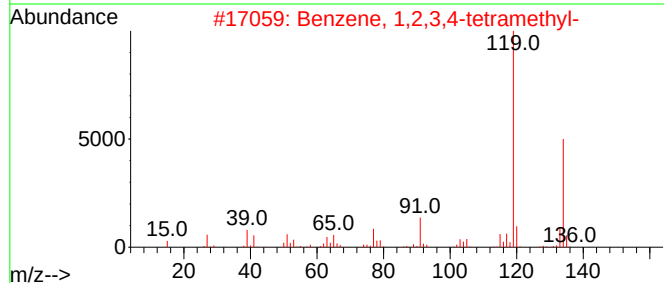
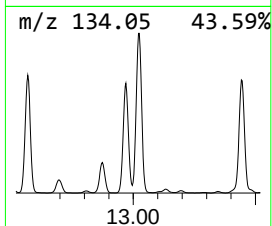
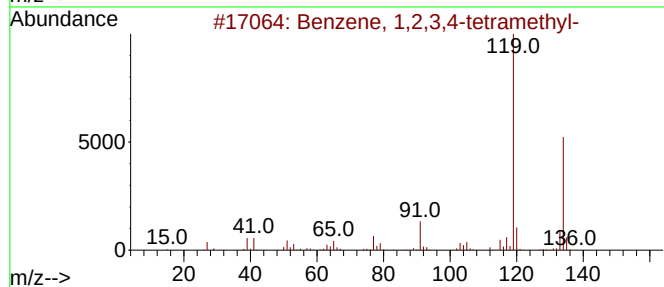
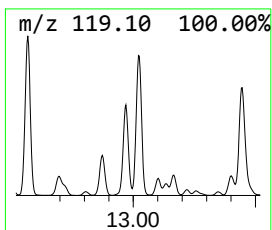
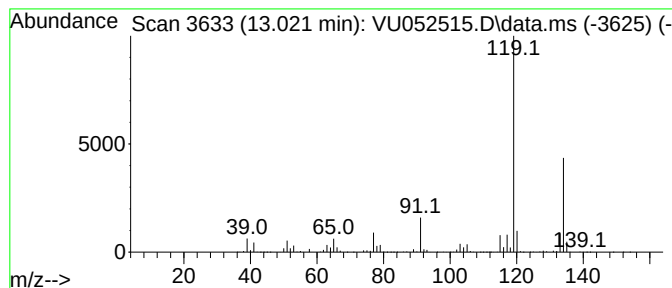
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 53 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.021	21.16 ug/L	7117710	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

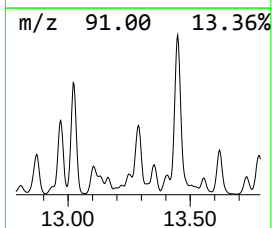
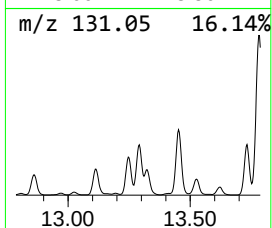
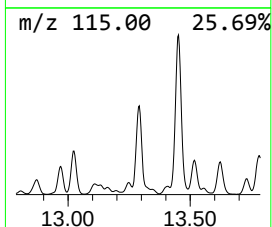
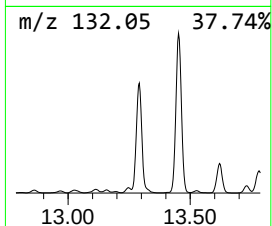
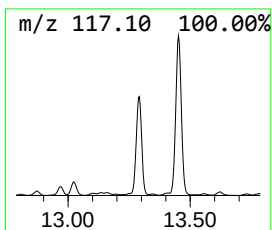
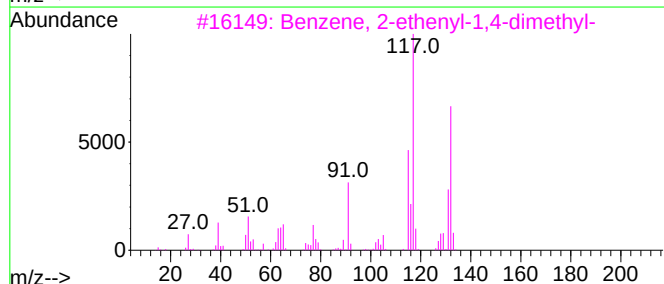
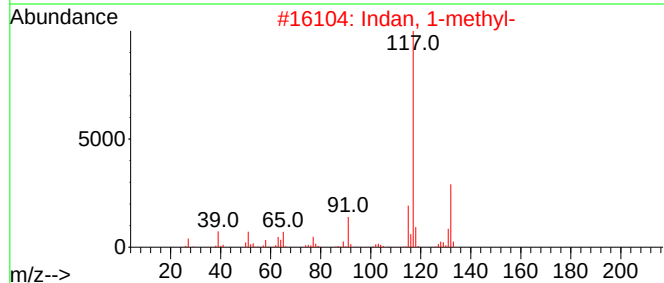
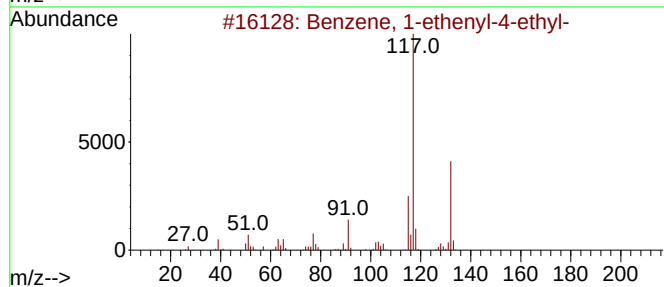
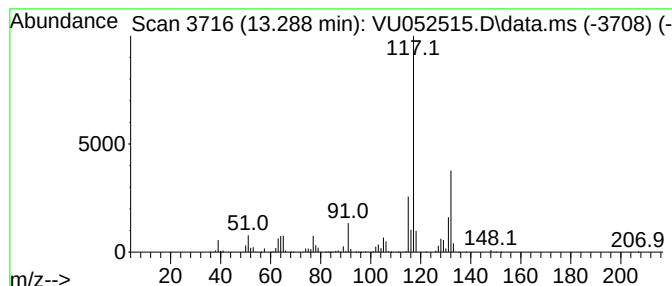
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 55 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.288	15.83 ug/L	5325950	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2			Indan, 1-methyl-	132	C10H12	000767-58-8	93
3			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
4			1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	91
5			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

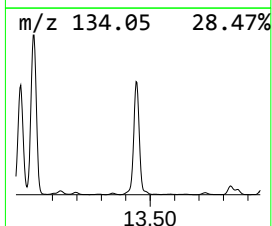
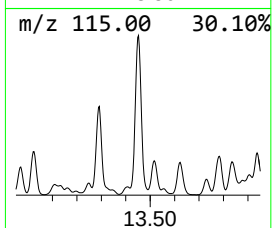
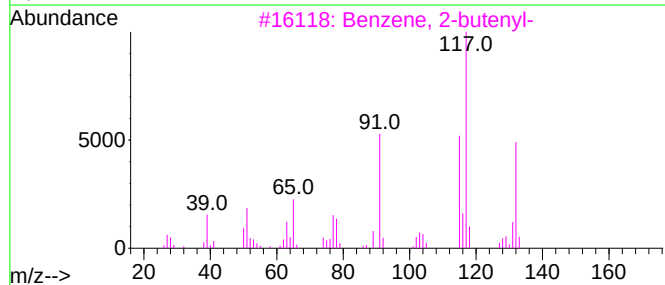
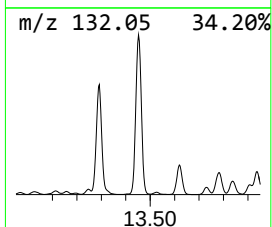
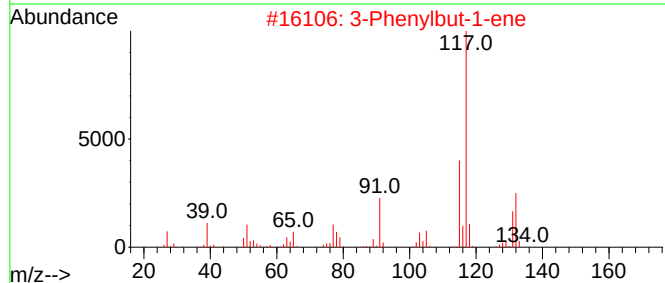
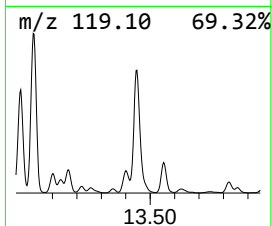
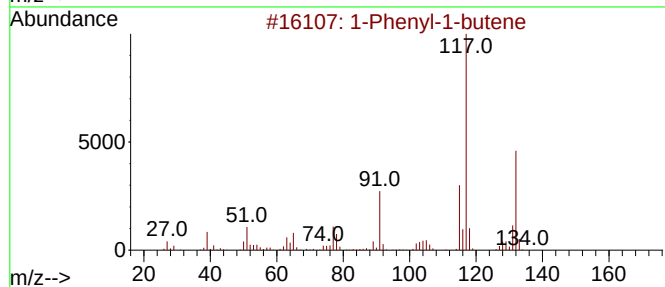
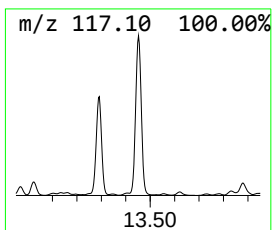
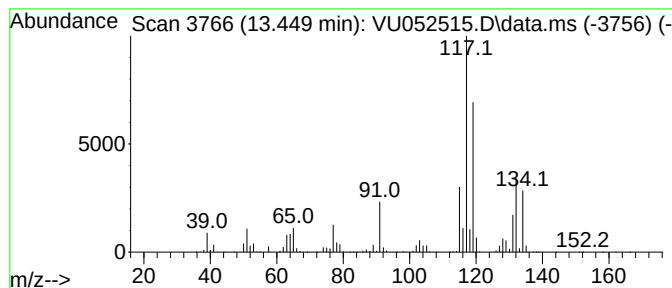
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 57 1-Phenyl-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.449	39.03 ug/L	13129900	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenyl-1-butene	132	C10H12	000824-90-8	86
2			3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
3			Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
4			2,4-Dimethylstyrene	132	C10H12	002234-20-0	64
5			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

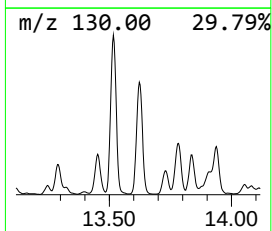
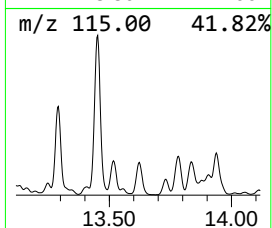
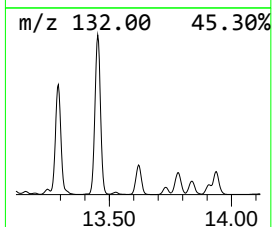
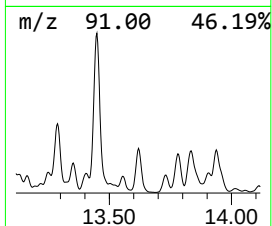
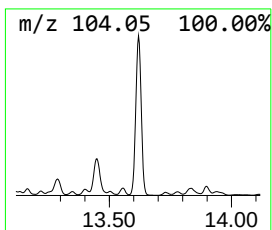
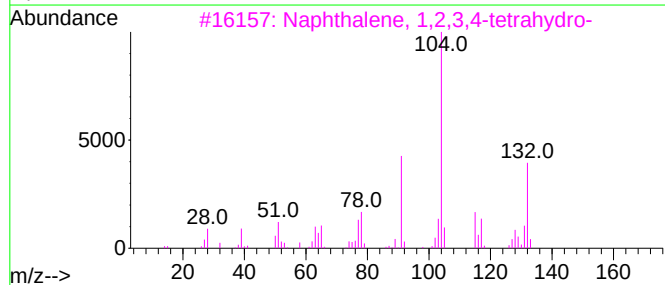
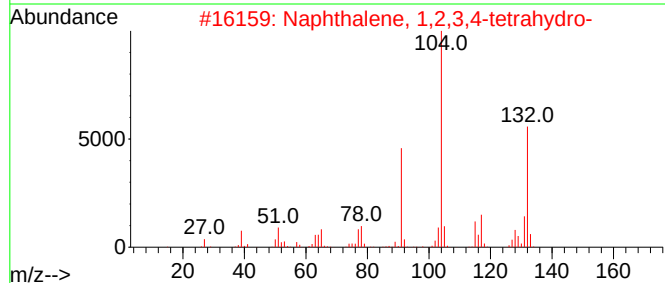
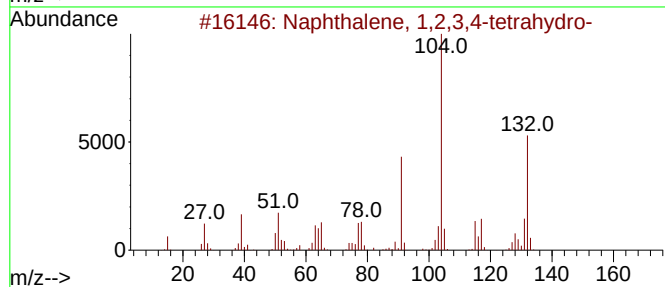
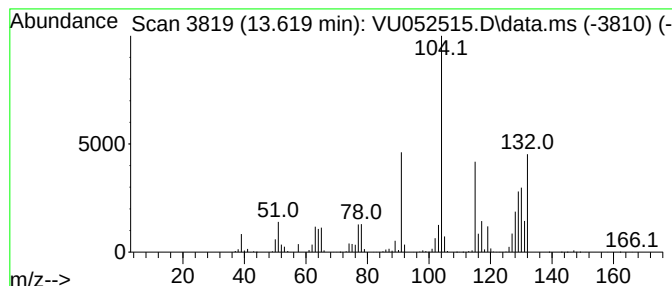
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 60 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.619	6.50 ug/L	2186420	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	92
2			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
3			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
4			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	83
5			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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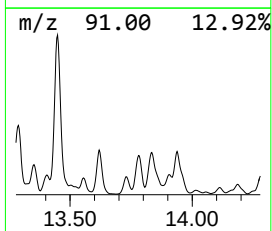
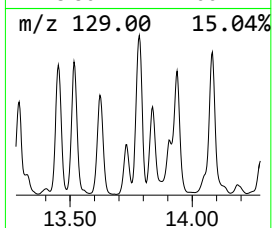
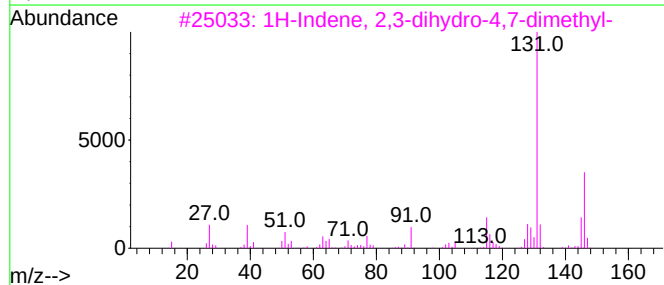
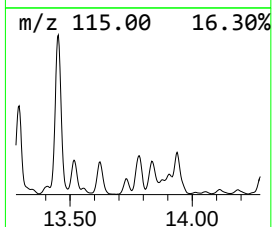
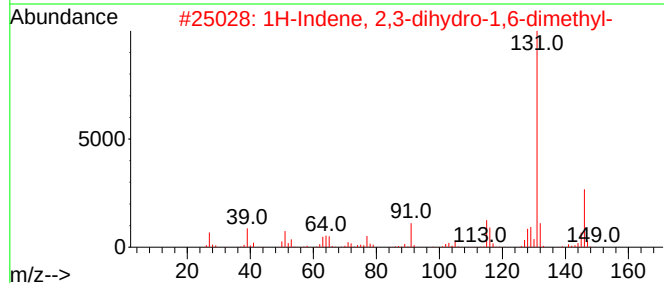
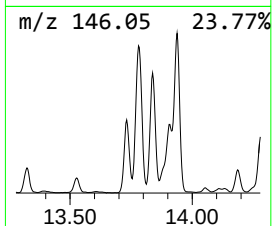
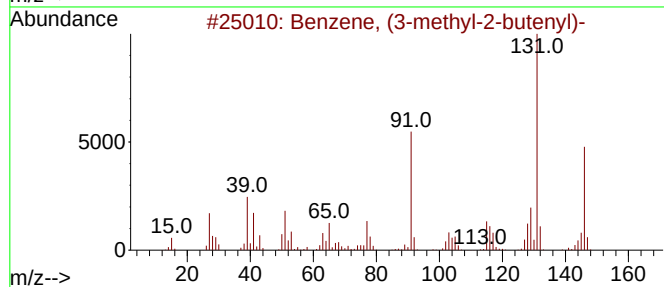
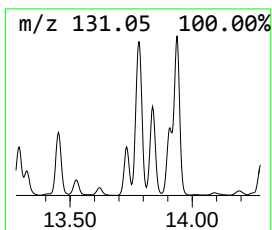
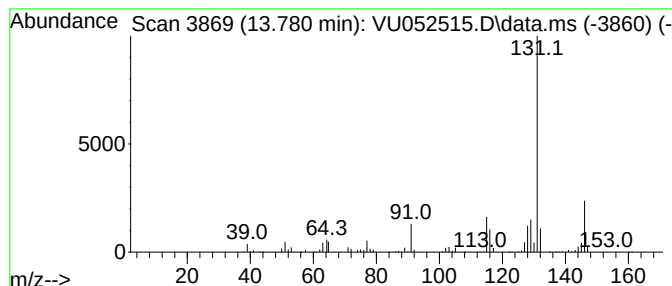
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 62 Benzene, (3-methyl-2-butenyl)- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	9.38 ug/L	3156350	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
2			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
5			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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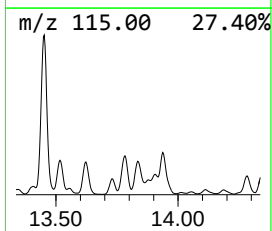
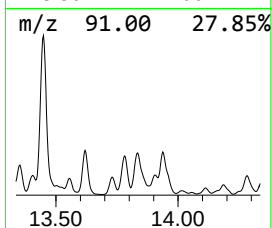
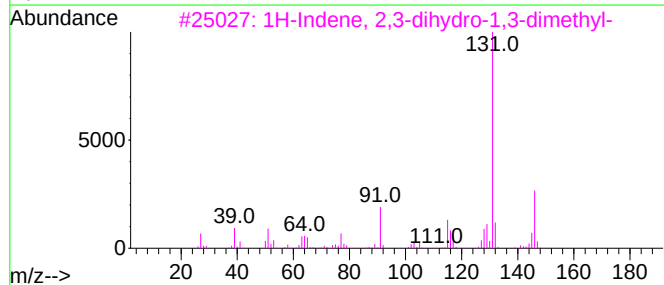
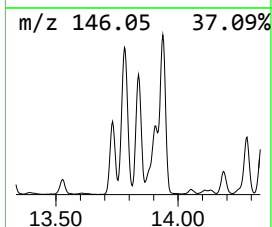
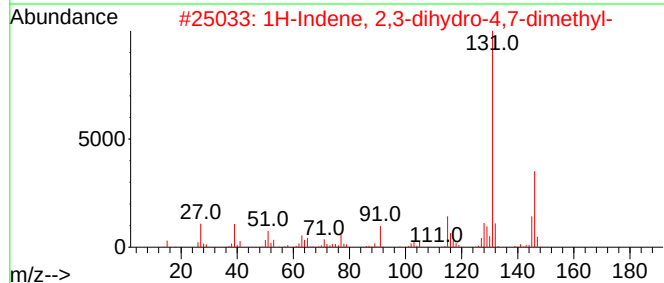
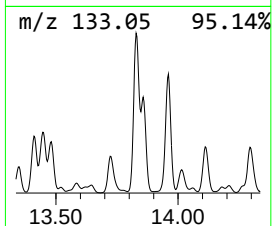
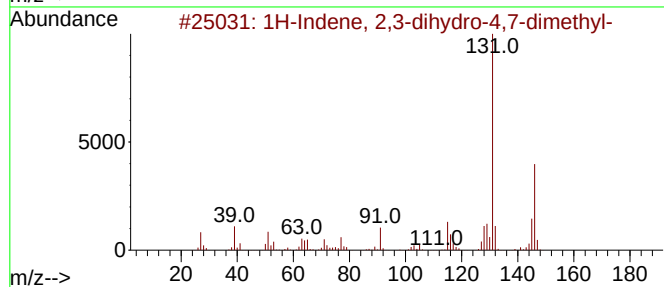
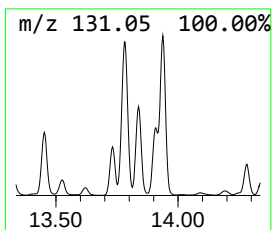
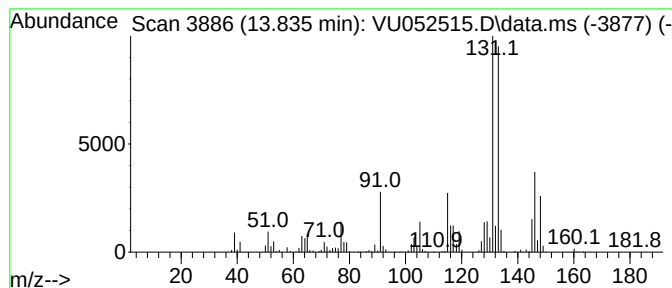
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 63 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.835	13.69 ug/L	4605230	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	89
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	86
3			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	86
4			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64
5			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

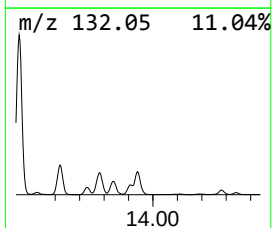
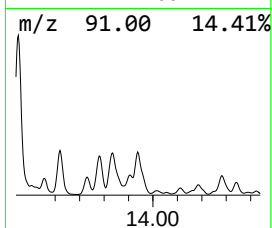
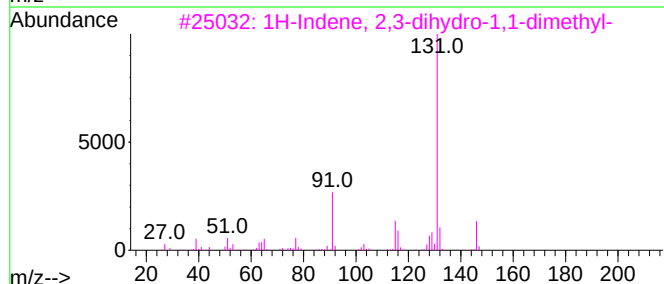
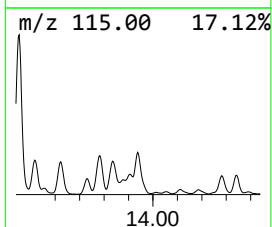
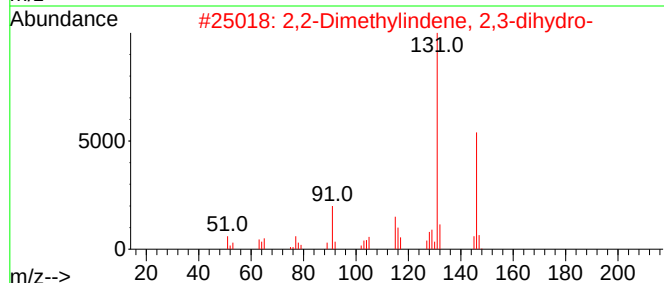
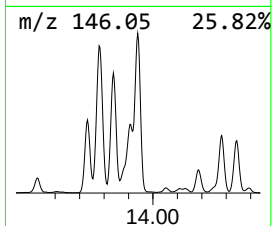
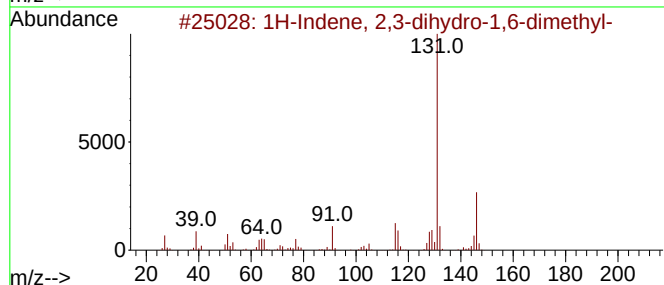
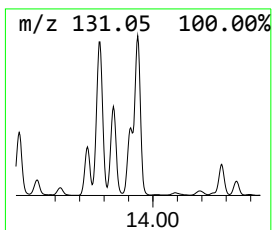
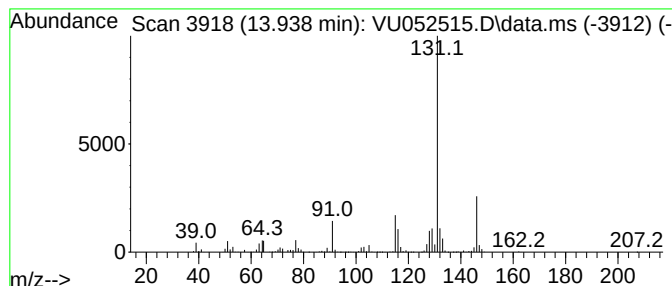
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 65 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.938	11.85 ug/L	3987060	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
3			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
4			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

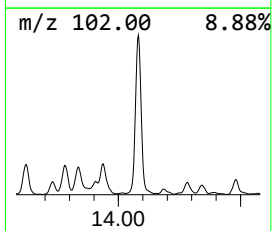
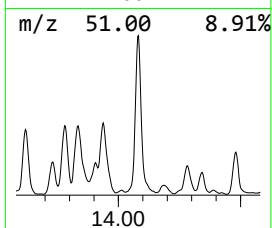
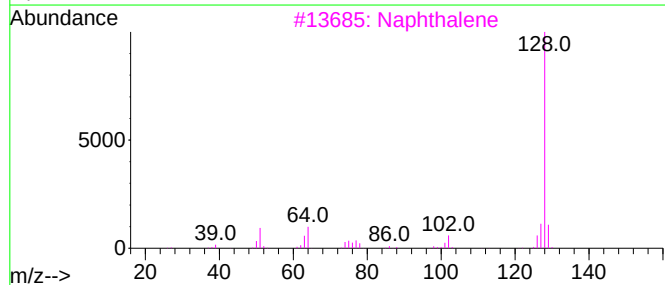
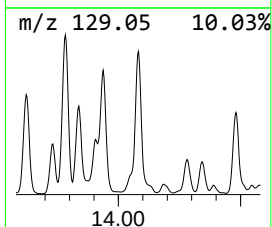
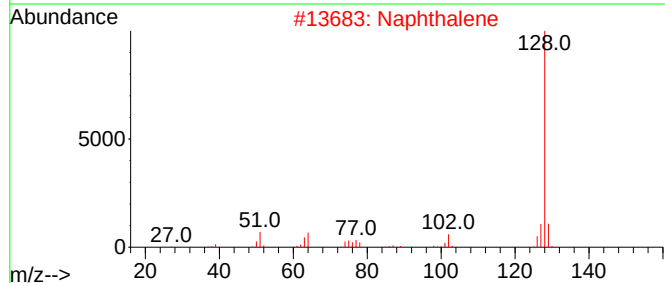
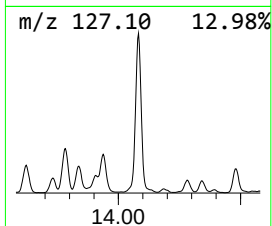
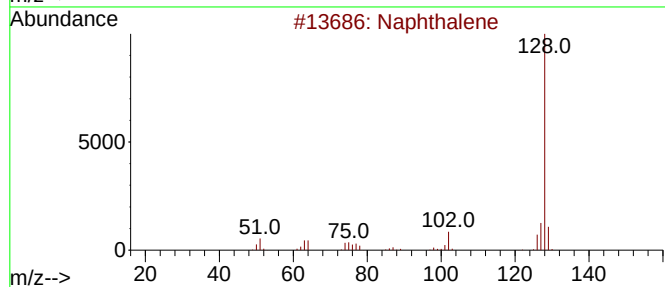
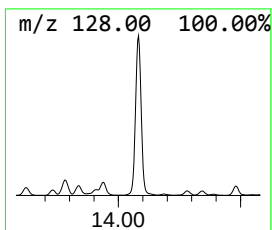
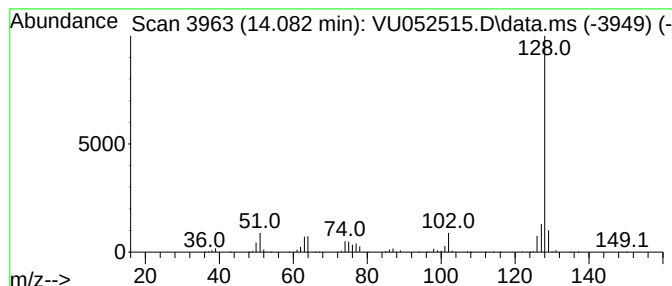
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 66 Azulene Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.082	10.12 ug/L	3402770	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Naphthalene	128	C10H8	000091-20-3	94
3			Naphthalene	128	C10H8	000091-20-3	93
4			Azulene	128	C10H8	000275-51-4	91
5			Azulene	128	C10H8	000275-51-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

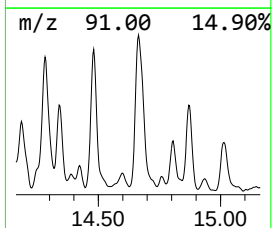
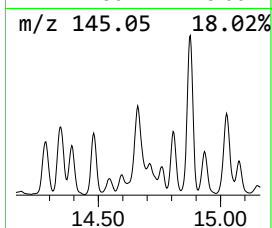
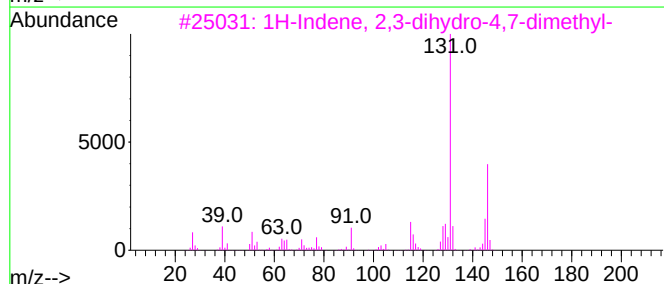
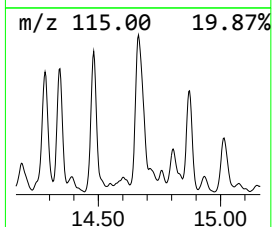
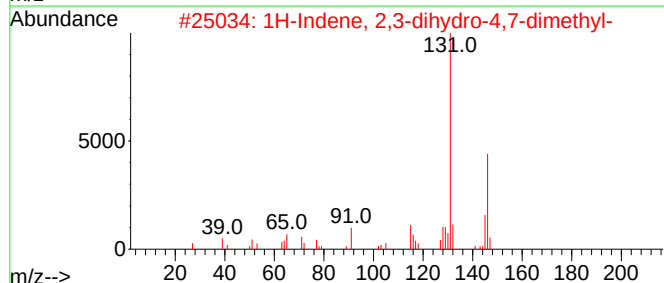
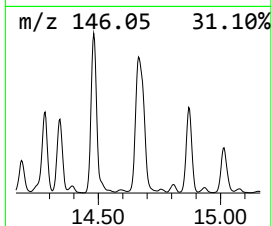
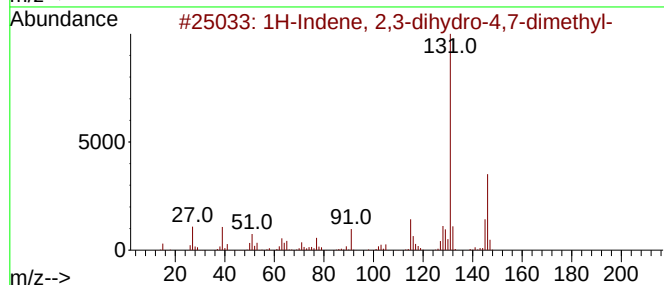
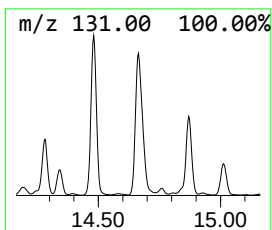
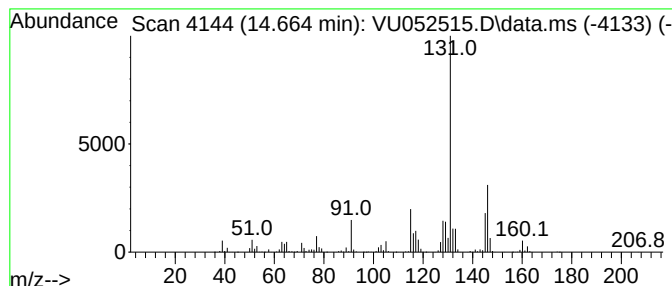
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 70 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.664	8.48 ug/L	2853630	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
4			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
5			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

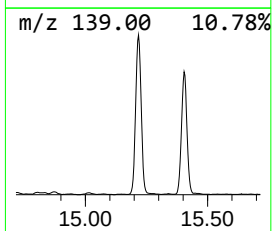
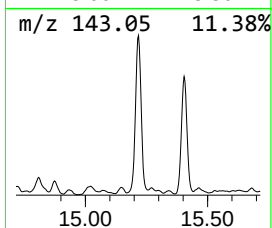
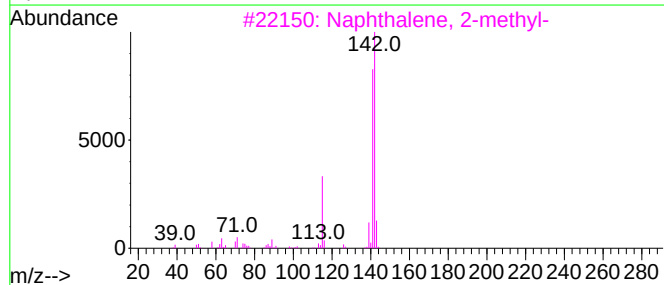
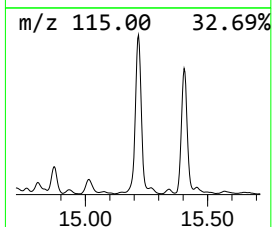
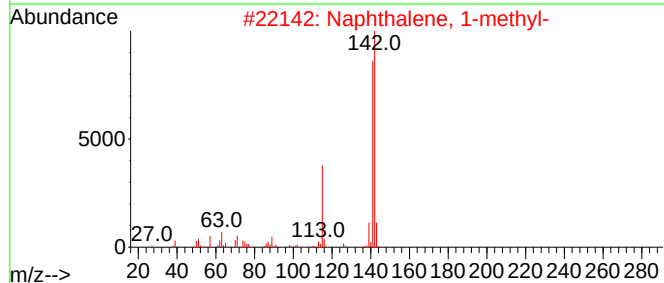
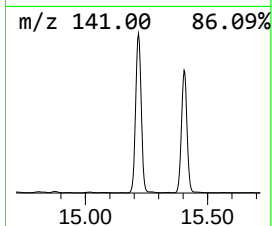
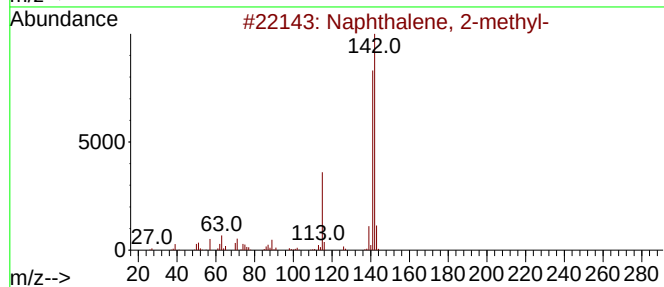
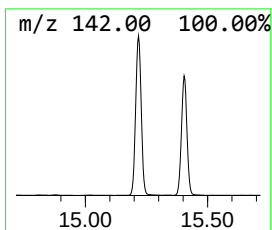
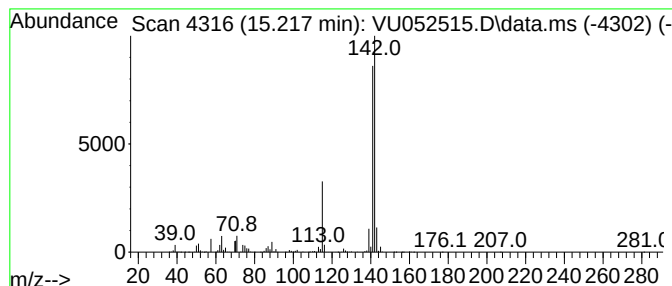
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 74 Naphthalene, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.217	13.10 ug/L	4407440	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

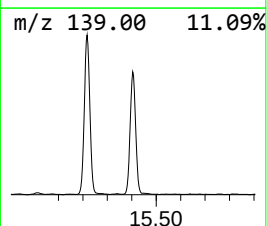
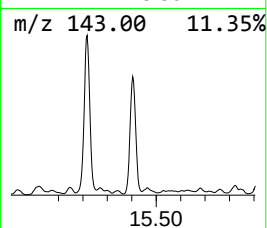
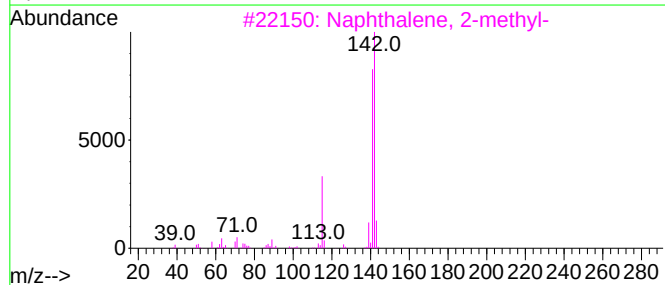
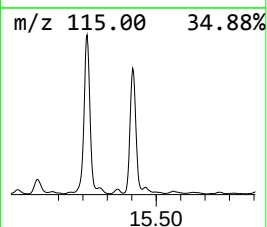
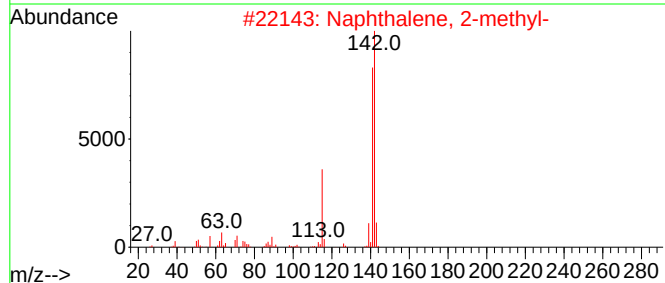
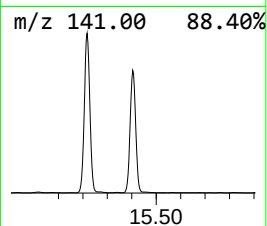
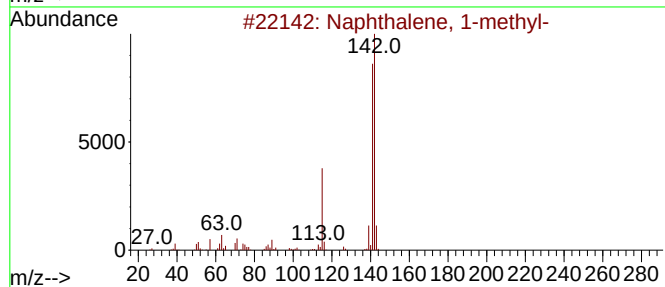
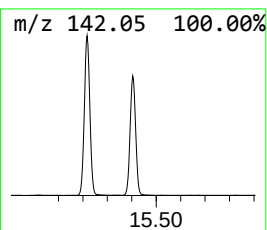
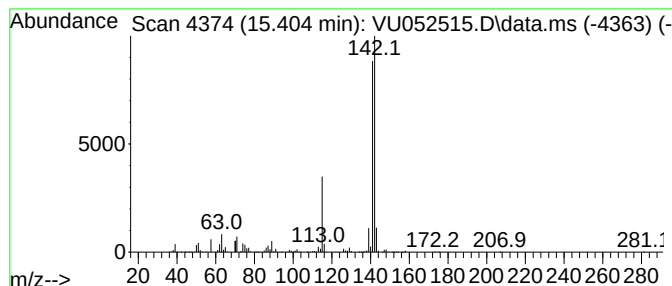
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 75 Naphthalene, 1-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.404	10.36 ug/L	3486030	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

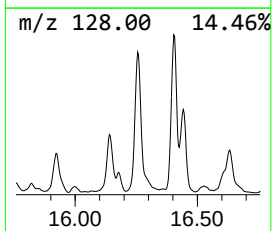
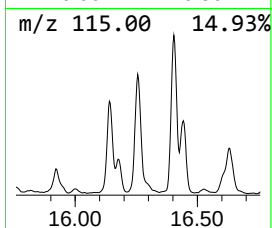
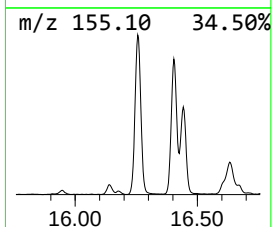
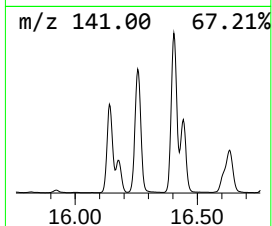
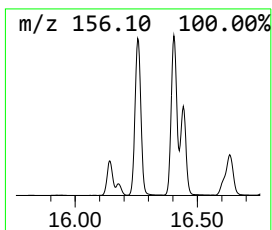
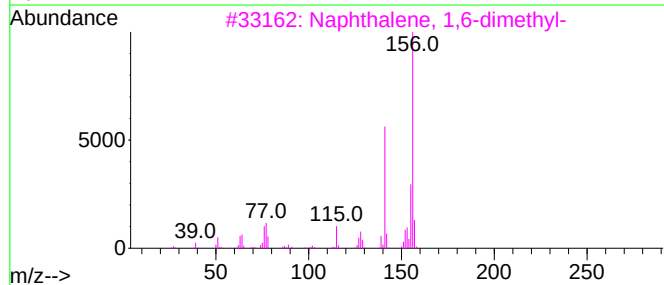
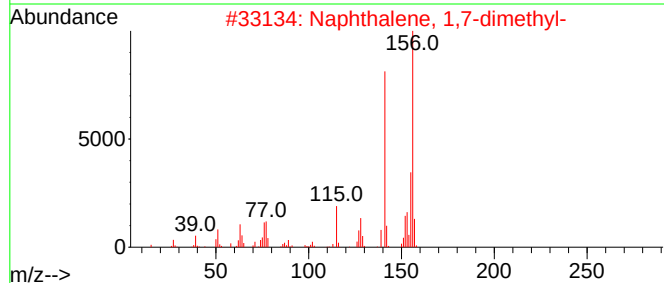
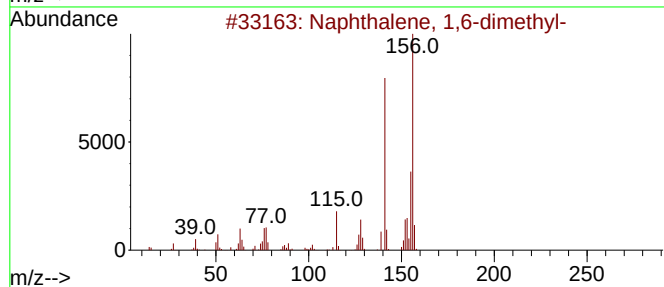
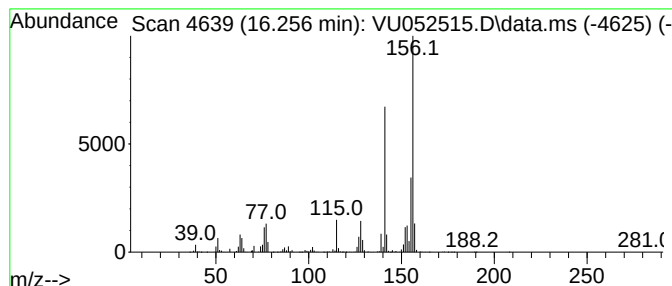
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 77 Naphthalene, 1,6-dimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.256	8.90 ug/L	2994920	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052515.D
Acq On : 23 Dec 2022 00:49
Operator : JC/MD
Sample : N6170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB6

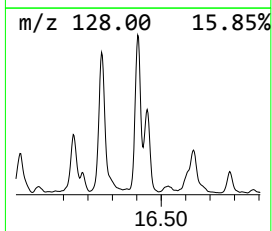
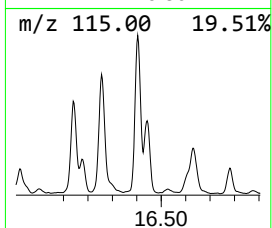
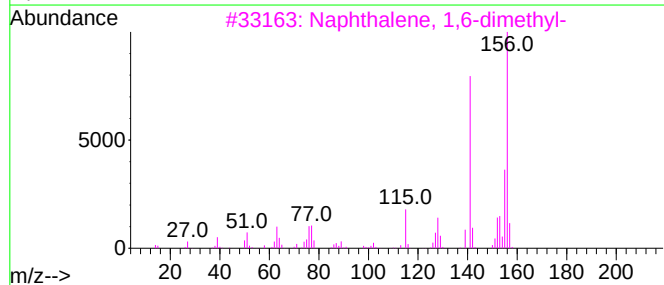
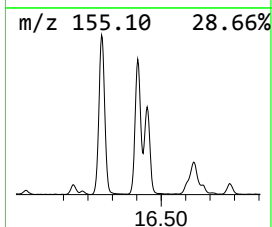
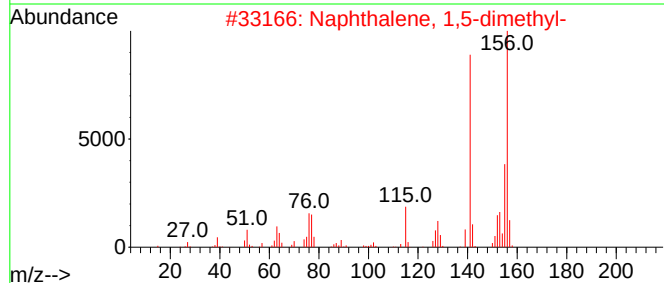
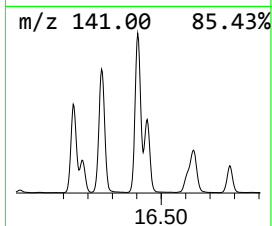
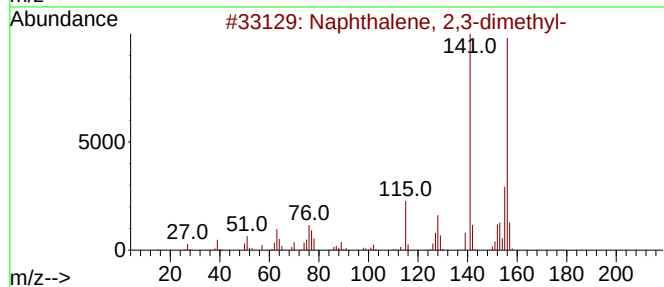
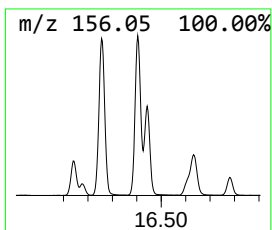
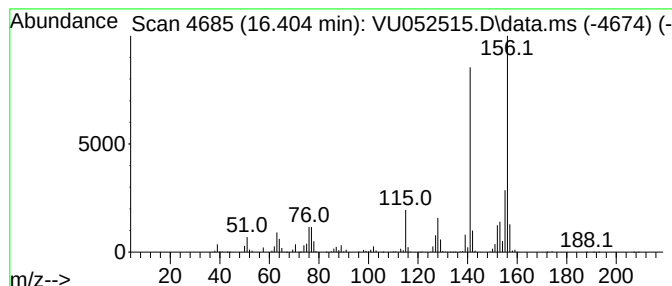
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 78 Naphthalene, 2,3-dimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.404	8.55 ug/L	2877690	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
 Data File : VU052515.D
 Acq On : 23 Dec 2022 00:49
 Operator : JC/MD
 Sample : N6170-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQB6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.359	2.6	ug/L	1246610	1	6.247	2365820	5.0
(DEL) Alkane: S...	1.996	3.3	ug/L	1574320	1	6.247	2365820	5.0
(DEL) Alkane: S...	2.205	5.0	ug/L	2355930	1	6.247	2365820	5.0
(DEL) Alkane: S...	3.083	12.2	ug/L	5758820	1	6.247	2365820	5.0
(DEL) Alkane: S...	3.697	15.0	ug/L	7104880	1	6.247	2365820	5.0
(DEL) Alkane: C...	4.530	19.0	ug/L	8992590	1	6.247	2365820	5.0
(DEL) Alkane: S...	5.459	4.8	ug/L	2261060	1	6.247	2365820	5.0
(DEL) Alkane: S...	5.591	9.8	ug/L	4630250	1	6.247	2365820	5.0
(DEL) Alkane: C...	5.848	10.5	ug/L	4952910	1	6.247	2365820	5.0
(DEL) Alkane: C...	5.919	9.3	ug/L	4398000	1	6.247	2365820	5.0
(DEL) Alkane: C...	5.986	16.8	ug/L	7955790	1	6.247	2365820	5.0
(DEL) Alkane: S...	6.131	14.7	ug/L	6955200	1	6.247	2365820	5.0
(DEL) Alkane: C...	6.980	7.1	ug/L	3343910	1	6.247	2365820	5.0
(DEL) Alkane: C...	7.070	4.0	ug/L	1880810	1	6.247	2365820	5.0
(DEL) Alkane: C...	7.234	6.3	ug/L	2999050	1	6.247	2365820	5.0
(DEL) Alkane: S...	7.494	2.6	ug/L	1211180	1	6.247	2365820	5.0
(DEL) Alkane: C...	8.028	14.7	ug/L	2180450	2	9.414	743182	5.0
(DEL) Alkane: S...	8.095	5.3	ug/L	785898	2	9.414	743182	5.0
(DEL) Alkane: C...	8.240	31.0	ug/L	4610720	2	9.414	743182	5.0
(DEL) Alkane: C...	8.366	14.8	ug/L	2206310	2	9.414	743182	5.0
1,3-Dimethyl-1-...	8.407	14.0	ug/L	2075320	2	9.414	743182	5.0
Cyclohexene, 3,...	8.742	5.3	ug/L	792578	2	9.414	743182	5.0
(DEL) Alkane: C...	8.803	15.2	ug/L	2255070	2	9.414	743182	5.0
(DEL) Alkane: C...	8.861	31.0	ug/L	4601460	2	9.414	743182	5.0
(DEL) Alkane: C...	8.922	10.9	ug/L	1622650	2	9.414	743182	5.0
unknown-01	9.066	10.2	ug/L	1508810	2	9.414	743182	5.0
(DEL) Alkane: C...	9.163	5.1	ug/L	753845	2	9.414	743182	5.0
(DEL) Alkane: S...	9.330	7.9	ug/L	1176650	2	9.414	743182	5.0
Pentalene, octa...	9.510	10.6	ug/L	1576760	2	9.414	743182	5.0
(DEL) Alkane: C...	10.028	9.7	ug/L	1437830	2	9.414	743182	5.0
Pentalene, octa...	10.269	11.8	ug/L	1752940	2	9.414	743182	5.0
(DEL) Alkane: C...	10.356	10.6	ug/L	1572670	2	9.414	743182	5.0
Benzene, propyl-	10.902	12.4	ug/L	4164410	3	11.809	1682010	5.0
Benzene, 1-ethy...	10.996	47.5	ug/L	15984800	3	11.809	1682010	5.0
Benzene, 1-ethy...	11.288	19.8	ug/L	6671650	3	11.809	1682010	5.0
Benzene, 1,2,3-...	11.893	31.1	ug/L	10471400	3	11.809	1682010	5.0
Benzene, 1,2-di...	12.092	13.3	ug/L	4463890	3	11.809	1682010	5.0
Benzene, 1-meth...	12.121	11.9	ug/L	4004210	3	11.809	1682010	5.0
Benzene, 2-ethy...	12.462	12.4	ug/L	4171450	3	11.809	1682010	5.0
p-Cymene	12.491	10.5	ug/L	3536840	3	11.809	1682010	5.0
o-Cymene	12.568	21.4	ug/L	7212870	3	11.809	1682010	5.0
Indan, 1-methyl-	12.677	23.4	ug/L	7883970	3	11.809	1682010	5.0
Benzene, 4-ethy...	12.873	7.3	ug/L	2464980	3	11.809	1682010	5.0
Benzene, 1,2,3,...	12.970	14.1	ug/L	4745870	3	11.809	1682010	5.0
Benzene, 1,2,3,...	13.021	21.2	ug/L	7117710	3	11.809	1682010	5.0
Benzene, 1-ethe...	13.288	15.8	ug/L	5325950	3	11.809	1682010	5.0
1-Phenyl-1-butene	13.449	39.0	ug/L	13129900	3	11.809	1682010	5.0
Naphthalene, 1,...	13.619	6.5	ug/L	2186420	3	11.809	1682010	5.0
Benzene, (3-met...	13.780	9.4	ug/L	3156350	3	11.809	1682010	5.0
1H-Indene, 2,3-...	13.835	13.7	ug/L	4605230	3	11.809	1682010	5.0
1H-Indene, 2,3-...	13.938	11.9	ug/L	3987060	3	11.809	1682010	5.0
Azulene	14.082	10.1	ug/L	3402770	3	11.809	1682010	5.0

IH-Indene, 2,3-...	14.664	8.5	ug/L	2853630	3	11.809	1682010	5.0
Naphthalene, 2-...	15.217	13.1	ug/L	4407440	3	11.809	1682010	5.0
Naphthalene, 1-...	15.404	10.4	ug/L	3486030	3	11.809	1682010	5.0
Naphthalene, 1,...	16.256	8.9	ug/L	2994920	3	11.809	1682010	5.0
Naphthalene, 2,...	16.404	8.6	ug/L	2877690	3	11.809	1682010	5.0

Instrument :

MSVOA_U

ClientSampleId :

GBQB6