

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
 Data File : VW025176.D
 Acq On : 23 Dec 2022 01:12
 Operator : SY/MD
 Sample : N6193-05
 Misc : 5.08g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGSM0

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

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_W\Method\SFAMWLM120822SMA.M
 Title : SFAM01.0

Signal : TIC: VW025176.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	36	41	43	rBV2	1598	2165	0.10%	0.006%
2	2.300	63	65	66	rBV2	653	561	0.02%	0.002%
3	2.349	66	73	85	rVB	77815	128527	5.71%	0.385%
4	2.495	93	97	100	rBV5	551	1038	0.05%	0.003%
5	2.568	107	109	113	rVB4	481	578	0.03%	0.002%
6	2.642	117	121	125	rVV5	1985	3222	0.14%	0.010%
7	2.703	130	131	133	rVB2	928	530	0.02%	0.002%
8	2.782	142	144	147	rVB4	551	560	0.02%	0.002%
9	2.879	152	160	171	rBV2	50628	105756	4.70%	0.317%
10	2.983	176	177	181	rVB4	842	769	0.03%	0.002%
11	3.026	181	184	187	rBV5	576	952	0.04%	0.003%
12	3.081	190	193	196	rVB4	444	561	0.02%	0.002%
13	3.391	240	244	246	rBV2	486	582	0.03%	0.002%
14	4.013	335	346	360	rBV	175438	497486	22.10%	1.489%
15	4.123	360	364	375	rVB4	1607	4057	0.18%	0.012%
16	4.257	382	386	394	rVB3	1005	2030	0.09%	0.006%
17	4.391	403	408	415	rVB5	885	1729	0.08%	0.005%
18	4.916	483	494	509	rBV	31029	98659	4.38%	0.295%
19	5.099	519	524	525	rBV2	615	731	0.03%	0.002%
20	5.129	528	529	536	rVB4	835	1241	0.06%	0.004%
21	5.495	586	589	592	rBV3	352	645	0.03%	0.002%
22	5.934	652	661	671	rBV3	4919	15625	0.69%	0.047%
23	6.354	729	730	734	rVB3	401	521	0.02%	0.002%
24	6.403	734	738	740	rBV2	604	770	0.03%	0.002%
25	6.525	757	758	763	rVB3	570	602	0.03%	0.002%
26	6.629	773	775	778	rBV2	447	507	0.02%	0.002%
27	6.934	821	825	827	rVV4	424	620	0.03%	0.002%
28	6.988	830	834	836	rBV4	394	496	0.02%	0.001%
29	7.013	836	838	839	rBV	677	512	0.02%	0.002%
30	7.080	841	849	870	rVV	41358	126618	5.63%	0.379%
31	7.214	870	871	872	rBV	932	511	0.02%	0.002%
32	7.232	872	874	876	rVV3	854	774	0.03%	0.002%
33	7.287	882	883	885	rVV	785	531	0.02%	0.002%
34	7.318	885	888	890	rVB4	716	879	0.04%	0.003%
35	7.385	897	899	903	rBV4	578	1059	0.05%	0.003%
36	7.494	914	917	919	rBV4	923	1145	0.05%	0.003%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Title : SFAM01.0

37	7.531	921	923	930	rVV9	1170	2156	0.10%	0.006%
38	7.647	932	942	952	rVV	281622	688258	30.58%	2.060%
39	7.878	978	980	981	rBV2	1026	961	0.04%	0.003%
40	7.921	986	987	991	rBV4	1808	2172	0.10%	0.007%
41	7.976	994	996	997	rBV2	1112	866	0.04%	0.003%
42	7.994	997	999	1001	rVV3	1032	1028	0.05%	0.003%
43	8.043	1004	1007	1008	rVB3	2067	1862	0.08%	0.006%
44	8.061	1008	1010	1012	rBV3	1317	1379	0.06%	0.004%
45	8.275	1036	1045	1059	rBV2	461979	1425322	63.33%	4.266%
46	8.842	1130	1138	1150	rBV	630529	1253330	55.69%	3.752%
47	9.275	1201	1209	1218	rBV	364143	742703	33.00%	2.223%
48	10.031	1327	1333	1343	rBV	200273	380102	16.89%	1.138%
49	10.323	1374	1381	1389	rBV	709399	1274156	56.61%	3.814%
50	10.573	1417	1422	1430	rVB	121431	212959	9.46%	0.637%
51	10.701	1440	1443	1450	rVB	14111	21058	0.94%	0.063%
52	10.921	1474	1479	1486	rBV	156200	270649	12.02%	0.810%
53	11.628	1589	1595	1602	rVB	779713	1323014	58.78%	3.960%
54	11.872	1632	1635	1639	rBV3	20476	31957	1.42%	0.096%
55	12.134	1674	1678	1683	rVB4	38074	67442	3.00%	0.202%
56	12.359	1708	1715	1717	rBV5	27699	66869	2.97%	0.200%
57	12.609	1751	1756	1764	rBV5	87939	247684	11.00%	0.741%
58	12.689	1764	1769	1775	rVB	289903	505879	22.48%	1.514%
59	12.780	1779	1784	1789	rVB3	57626	99920	4.44%	0.299%
60	12.859	1792	1797	1802	rBV6	39594	104334	4.64%	0.312%
61	12.939	1805	1810	1815	rVB3	73273	130416	5.79%	0.390%
62	13.073	1829	1832	1836	rBV3	55029	70013	3.11%	0.210%
63	13.121	1837	1840	1843	rVV3	38671	58123	2.58%	0.174%
64	13.158	1843	1846	1852	rVB2	123108	192560	8.56%	0.576%
65	13.286	1864	1867	1872	rBV3	55591	84364	3.75%	0.253%
66	13.445	1886	1893	1896	rBV5	107840	224793	9.99%	0.673%
67	13.554	1905	1911	1919	rVB	781305	1297581	57.65%	3.884%
68	13.707	1929	1936	1937	rBV6	62678	132004	5.86%	0.395%
69	13.792	1947	1950	1953	rBV2	40245	53429	2.37%	0.160%
70	13.853	1954	1960	1968	rBV2	594276	1398670	62.14%	4.187%
71	14.012	1983	1986	1988	rBV3	53391	76778	3.41%	0.230%
72	14.091	1995	1999	2003	rVB	271106	390000	17.33%	1.167%
73	14.194	2010	2016	2021	rBV4	195539	375273	16.67%	1.123%
74	14.255	2021	2026	2032	rBV7	178958	382374	16.99%	1.145%
75	14.335	2032	2039	2042	rBV6	137541	290743	12.92%	0.870%
76	14.383	2042	2047	2049	rBV2	303053	470272	20.89%	1.408%

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 Title : SFAM01.0

77	14.414	2049	2052	2056	rVB	299627	411496	18.28%	1.232%
78	14.450	2056	2058	2061	rVB	94461	99041	4.40%	0.296%
79	14.493	2061	2065	2068	rBV	295230	431774	19.18%	1.292%
80	14.536	2068	2072	2079	rVB4	221263	443647	19.71%	1.328%
81	14.597	2079	2082	2085	rBV2	60031	66161	2.94%	0.198%
82	14.633	2086	2088	2093	rVB2	116048	168148	7.47%	0.503%
83	14.700	2093	2099	2100	rBV3	153926	256302	11.39%	0.767%
84	14.725	2100	2103	2108	rVB	300426	442765	19.67%	1.325%
85	14.792	2108	2114	2119	rBV4	609196	1641114	72.91%	4.912%
86	15.005	2145	2149	2152	rBV4	99456	211025	9.38%	0.632%
87	15.060	2152	2158	2162	rVV3	648467	1293435	57.47%	3.872%
88	15.097	2162	2164	2170	rVV3	284559	559974	24.88%	1.676%
89	15.170	2170	2176	2184	rVB3	671059	1587364	70.53%	4.751%
90	15.316	2195	2200	2209	rBV3	715201	1406420	62.49%	4.210%
91	15.462	2218	2224	2228	rBV3	401782	775538	34.46%	2.321%
92	15.511	2228	2232	2236	rVB3	212530	383655	17.05%	1.148%
93	15.645	2246	2254	2261	rBV3	627505	1683900	74.82%	5.040%
94	15.719	2262	2266	2271	rVB2	248455	445155	19.78%	1.332%
95	15.938	2298	2302	2307	rVB3	296991	507741	22.56%	1.520%
96	16.011	2307	2314	2320	rBV3	365620	1023732	45.48%	3.064%
97	16.157	2332	2338	2343	rBV3	319356	770495	34.23%	2.306%
98	16.273	2352	2357	2363	rBV	504085	886724	39.40%	2.654%
99	16.474	2386	2390	2395	rVB5	162747	304571	13.53%	0.912%
100	16.633	2408	2416	2427	rVB3	654060	2250723	100.00%	6.737%

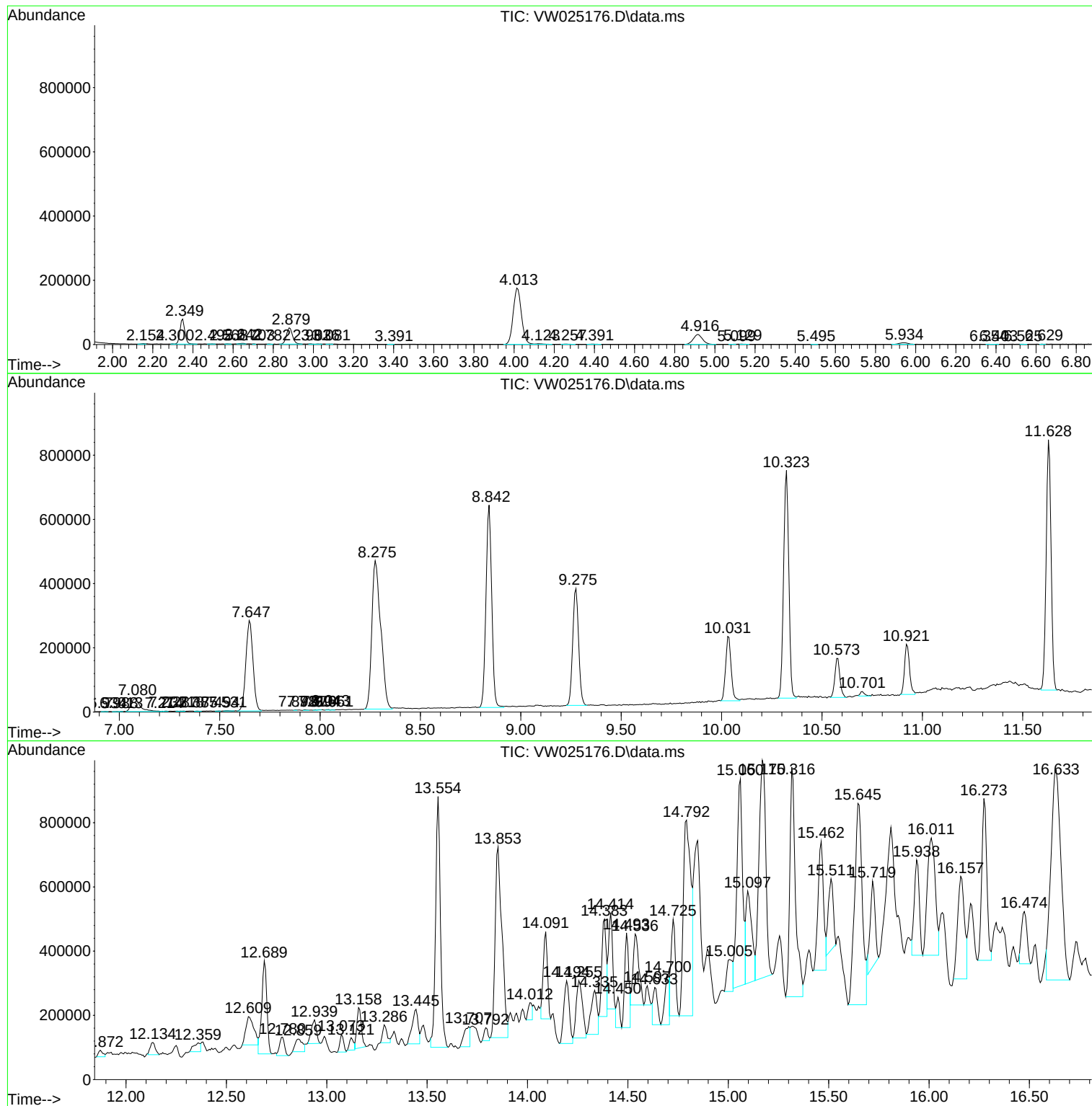
Sum of corrected areas: 33407902

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

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



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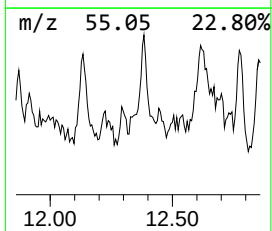
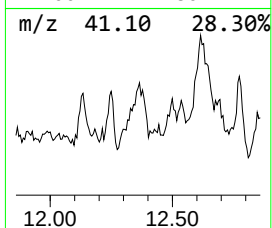
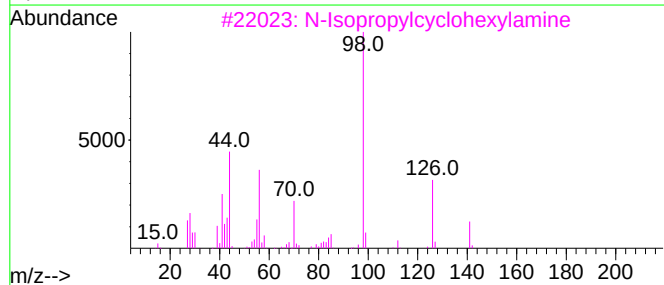
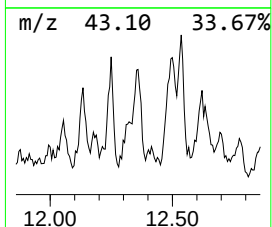
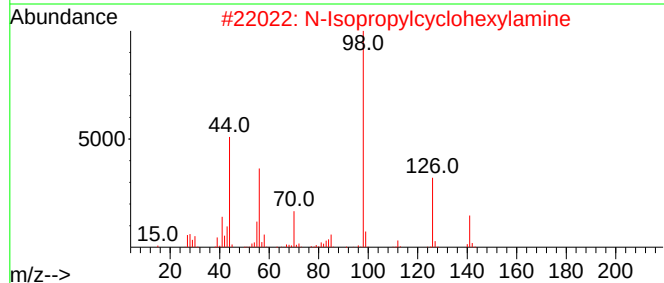
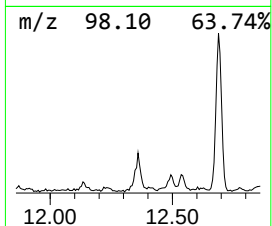
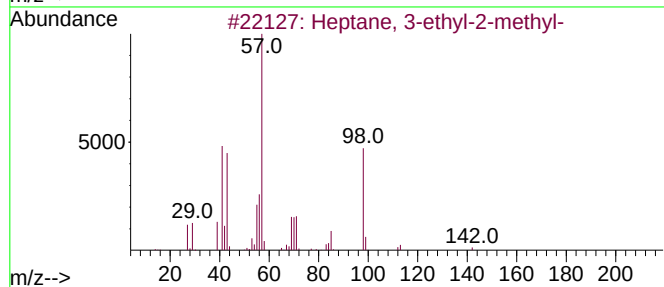
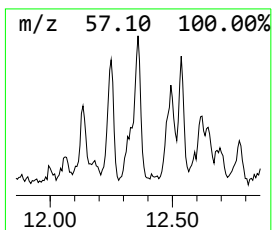
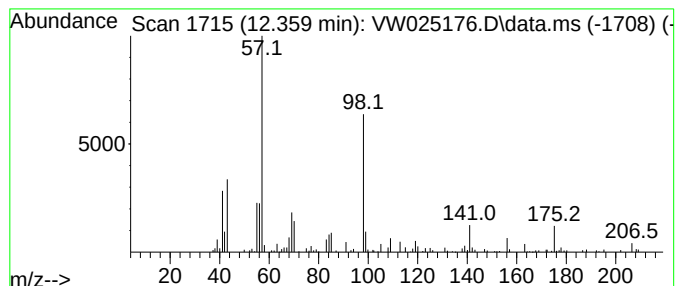
Instrument :
MSVOA_W
ClientSampleId :
BGSM0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.359	1.26 ug/L	66869	Chlorobenzene-d5		11.628	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	62
2	N-Isopropylcyclohexylamine		141	C9H19N	001195-42-2	49
3	N-Isopropylcyclohexylamine		141	C9H19N	001195-42-2	49
4	Octane, 3-methyl-		128	C9H20	002216-33-3	47
5	N-Isopropylcyclohexylamine		141	C9H19N	001195-42-2	47



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Instrument :
MSVOA_W
ClientSampleId :
BGSM0

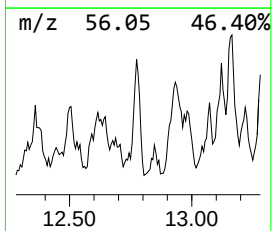
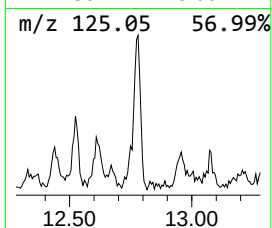
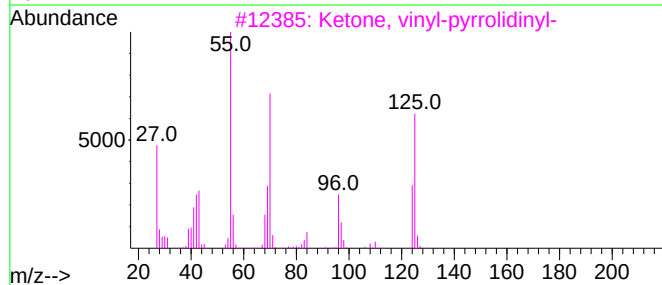
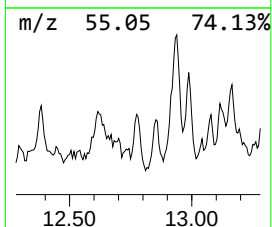
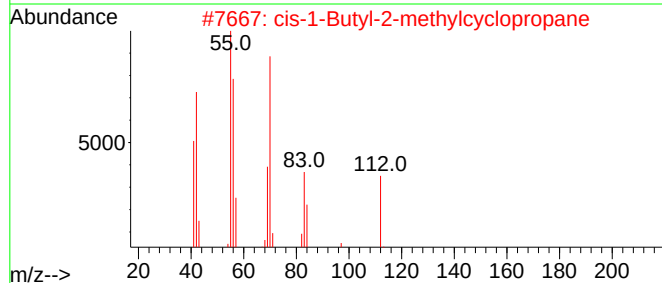
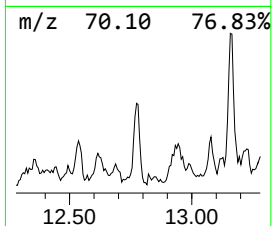
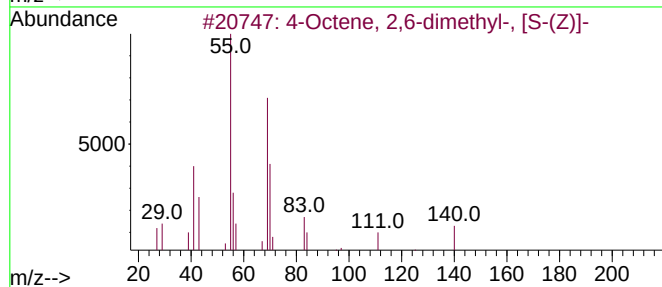
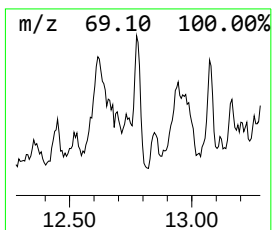
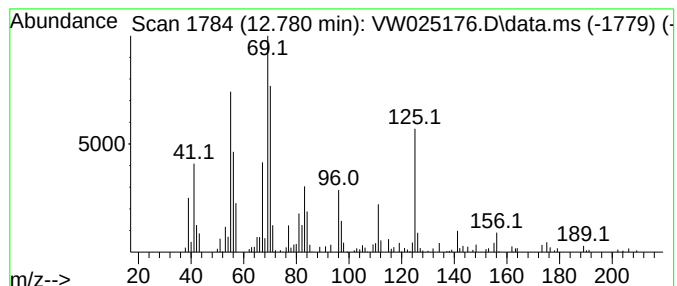
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	1.93 ug/L	99920	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	47
2		cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	38
3		Ketone, vinyl-pyrrolidiny-	125	C7H11NO	042104-70-1	38
4		trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	38
5		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	35



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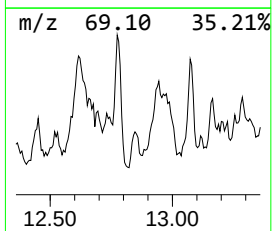
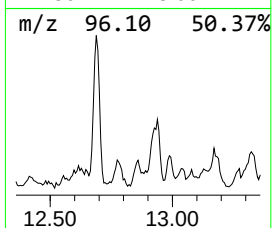
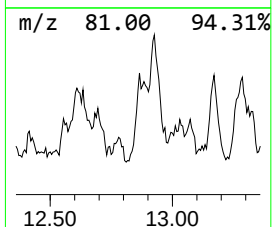
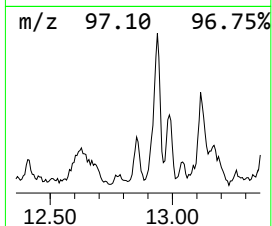
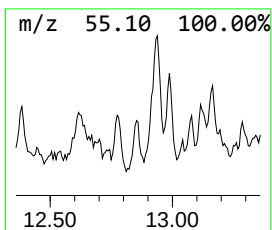
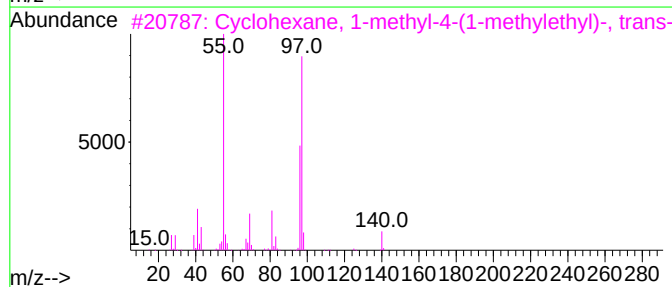
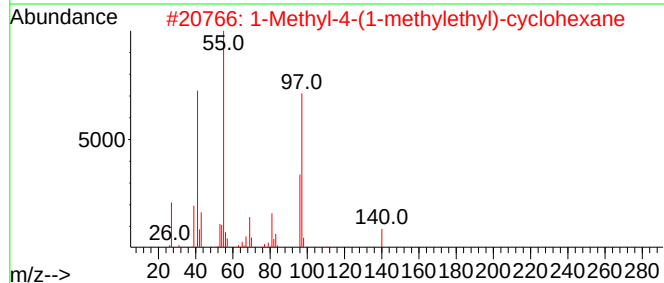
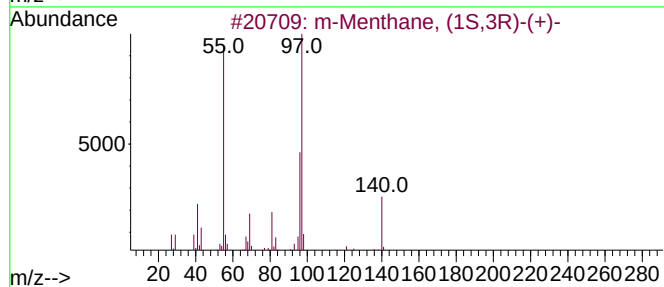
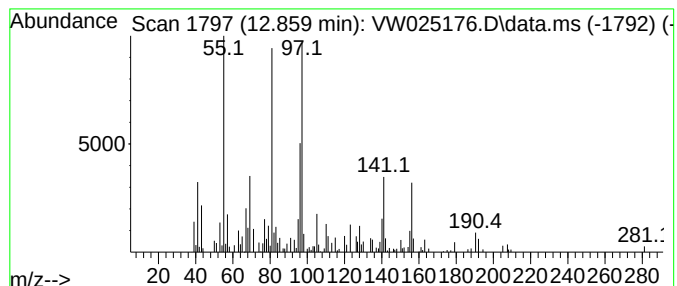
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.859	2.01 ug/L	104334	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	m-Menthane, (1S,3R)-(+)-		140	C10H20	013837-66-6	43
2	1-Methyl-4-(1-methylethyl)-cyclo...		140	C10H20	000099-82-1	43
3	Cyclohexane, 1-methyl-4-(1-methy...		140	C10H20	001678-82-6	38
4	Cyclohexane, 1-methyl-4-(1-methy...		140	C10H20	001678-82-6	38
5	Cyclohexane, 1-methyl-4-(1-methy...		140	C10H20	006069-98-3	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSM0

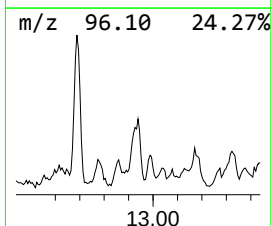
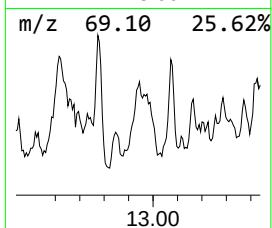
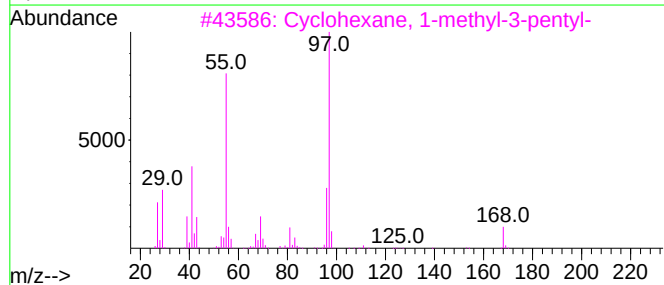
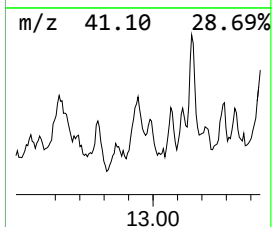
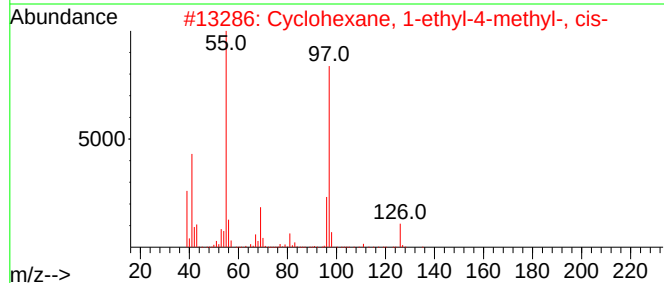
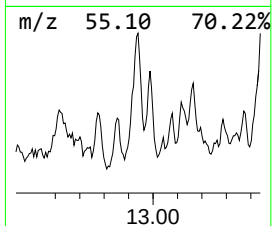
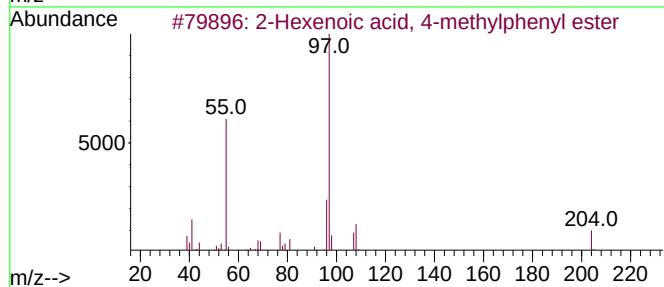
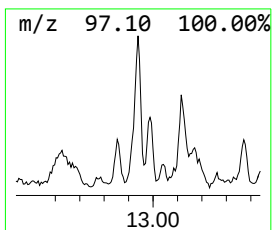
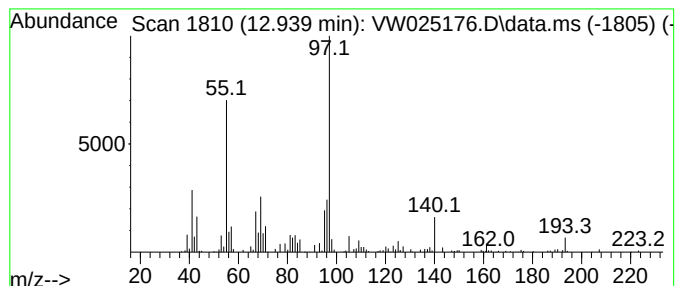
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Quant Title : SFAM01.0

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

Peak Number 8 2-Hexenoic acid, 4-methylph... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.939	2.51 ug/L	130416	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexenoic acid, 4-methylphenyl ...	204	C13H16O2	069687-91-8	50
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	50
3			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	50
4			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	47
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

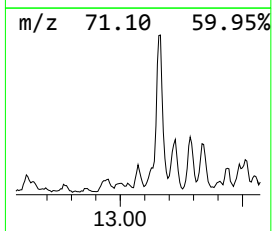
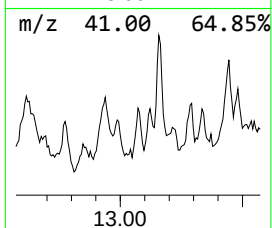
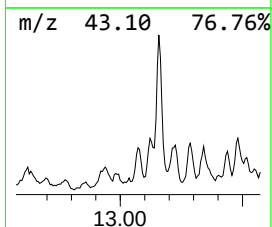
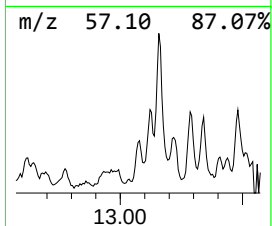
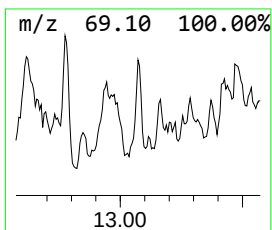
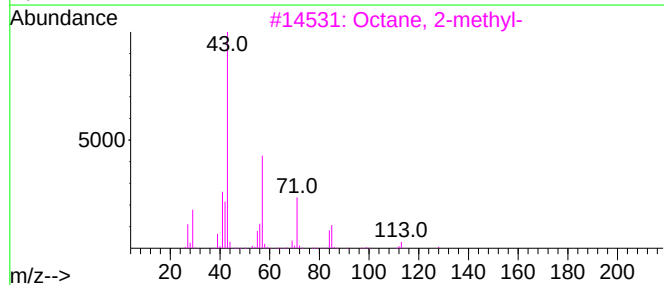
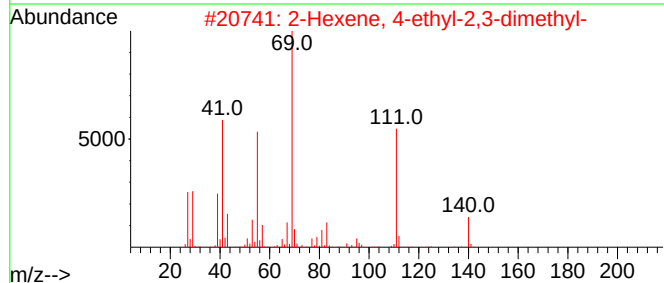
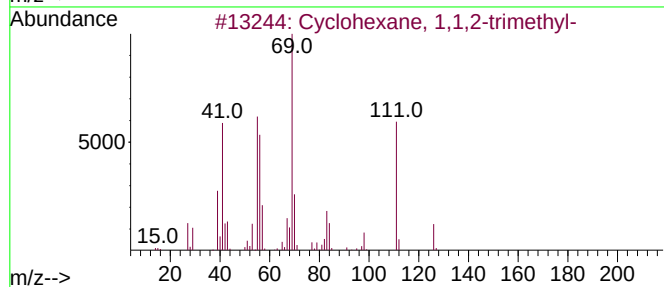
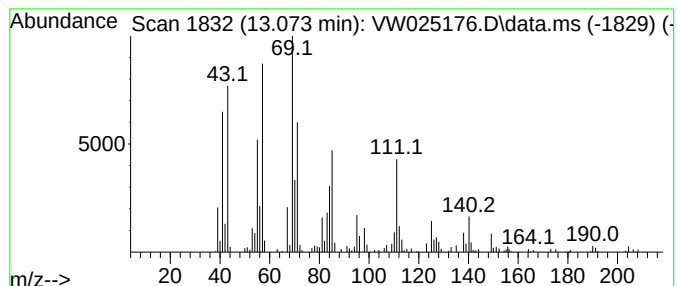
Instrument :
MSVOA_W
ClientSampleId :
BGSM0

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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Cyclic13.073 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.073	1.35 ug/L	70013	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2-trimethyl-		126	C9H18	007094-26-0	50
2	2-Hexene, 4-ethyl-2,3-dimethyl-		140	C10H20	1000149-19-7	43
3	Octane, 2-methyl-		128	C9H20	003221-61-2	42
4	Carbonic acid, decyl dodecyl ester		370	C23H46O3	1000383-16-1	38
5	Octane, 4-methyl-		128	C9H20	002216-34-4	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSM0

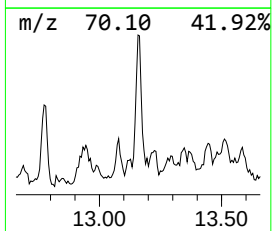
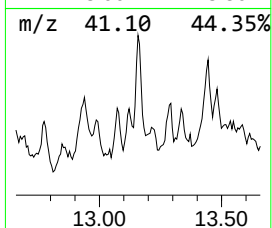
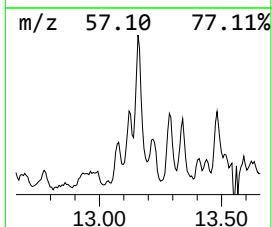
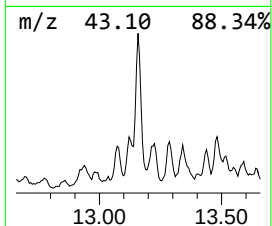
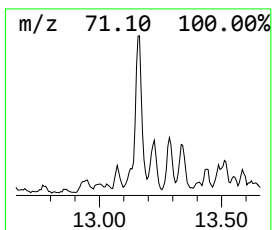
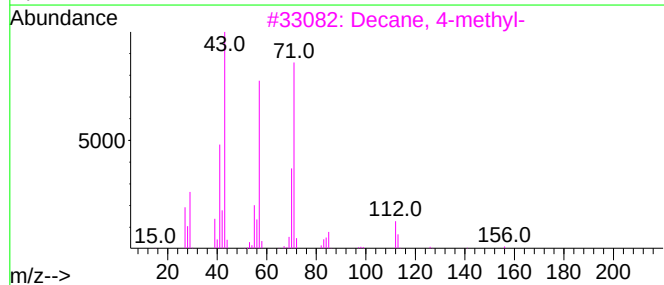
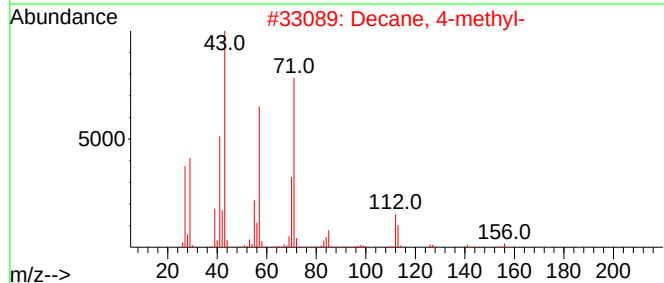
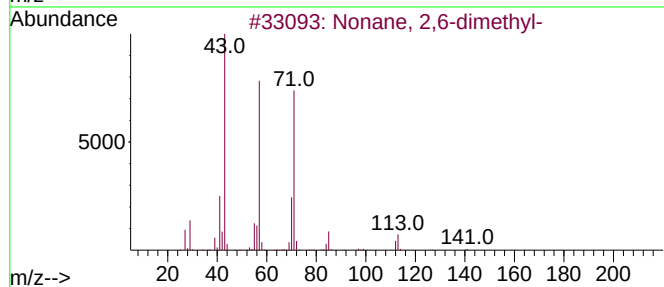
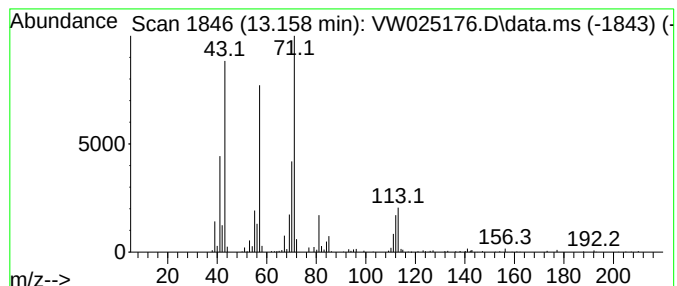
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.158	3.71 ug/L	192560	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	90
2		Decane, 4-methyl-	156	C11H24	002847-72-5	90
3		Decane, 4-methyl-	156	C11H24	002847-72-5	87
4		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	86
5		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

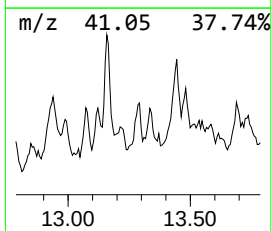
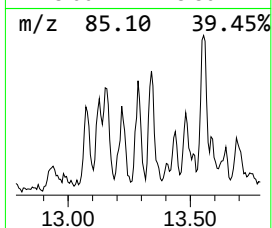
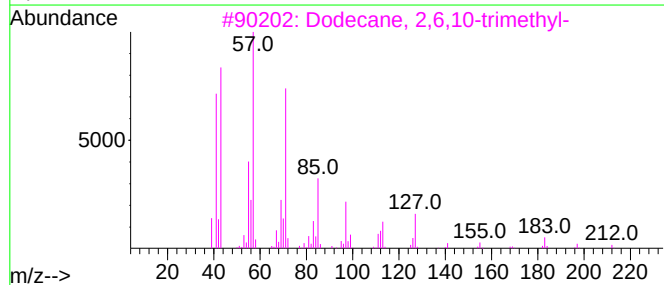
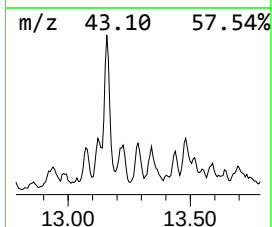
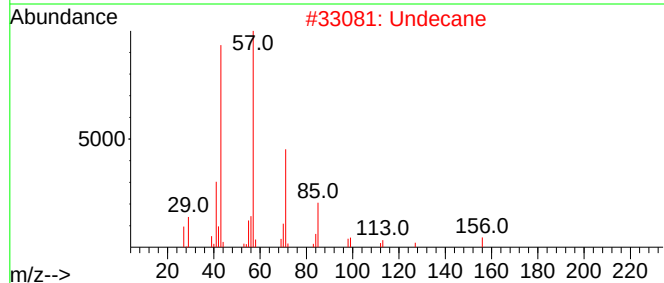
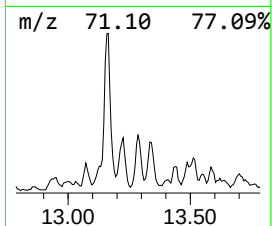
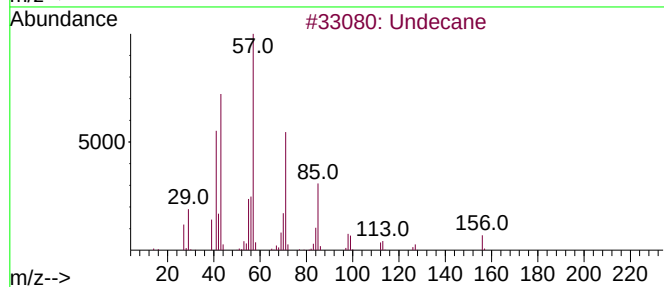
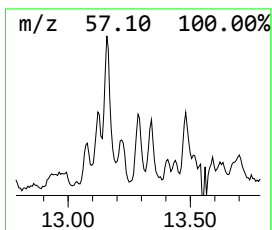
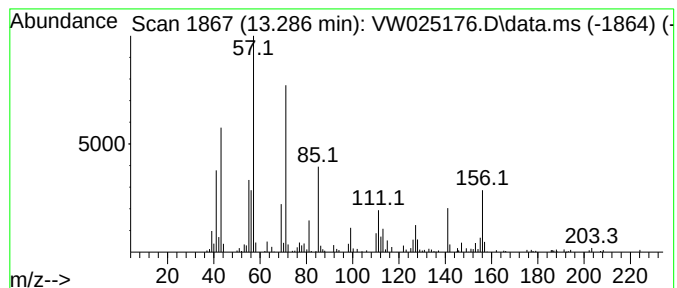
Instrument :
MSVOA_W
ClientSampleId :
BGSM0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.286	1.63 ug/L	84364	1,4-Dichlorobenzene-d4		13.554	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	81
2	Undecane		156	C11H24	001120-21-4	74
3	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	59
4	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	50
5	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSM0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

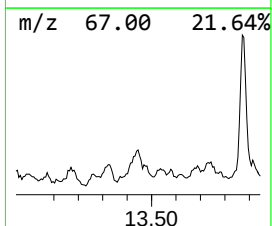
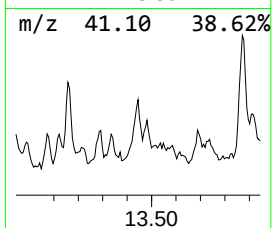
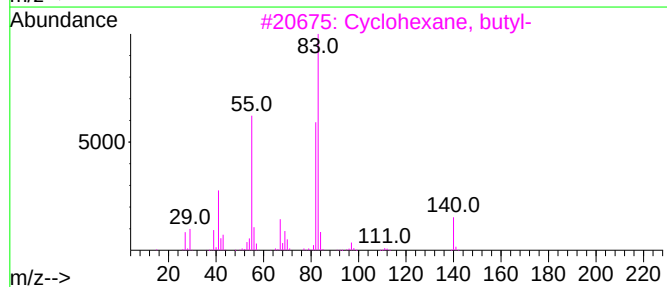
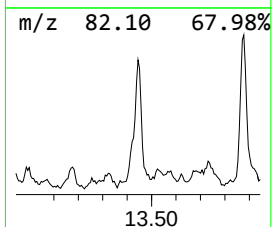
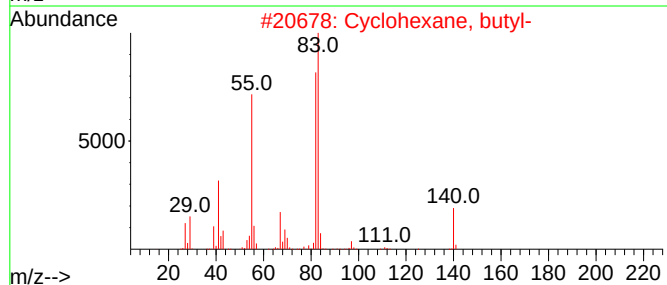
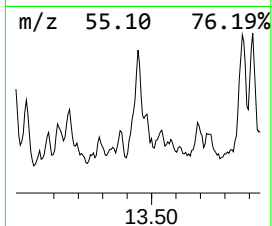
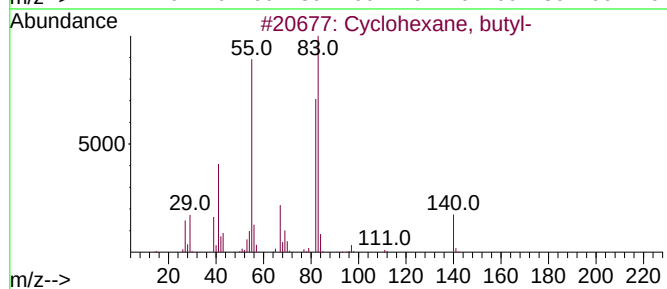
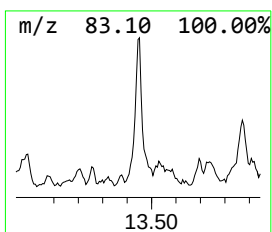
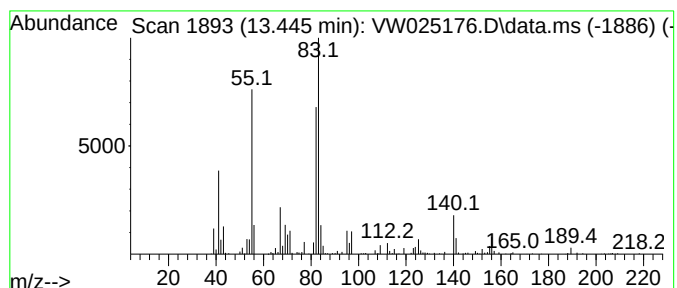
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Cyclic13.445 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.445	4.33 ug/L	224793	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	87
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	87
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	81
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	74
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

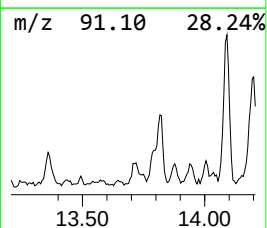
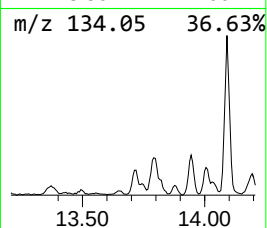
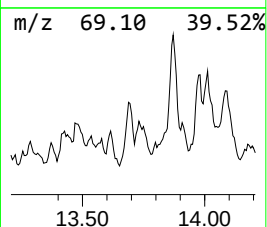
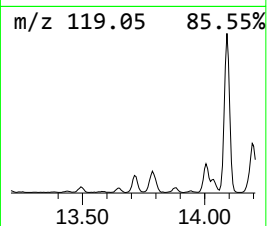
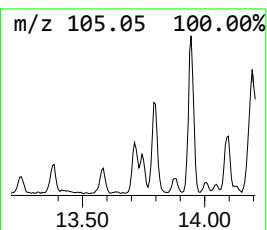
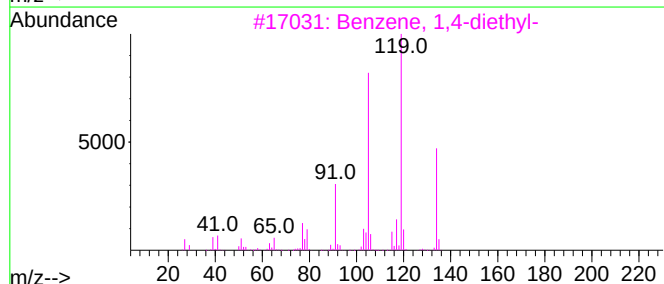
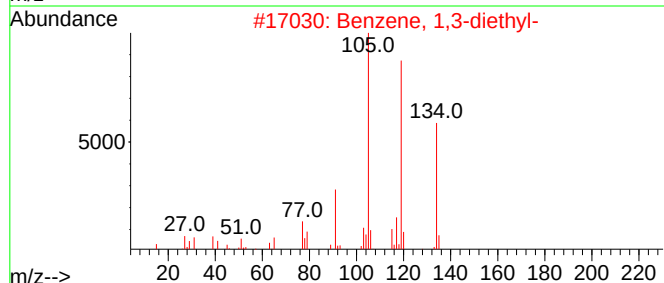
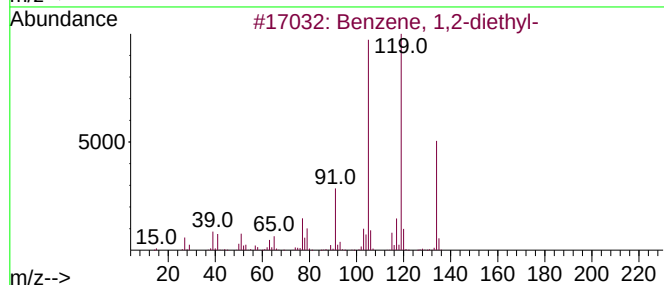
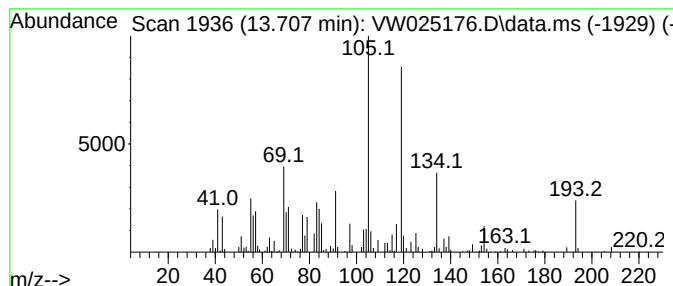
Instrument :
MSVOA_W
ClientSampleId :
BGSM0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

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

Peak Number 13 Benzene, 1,2-diethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.707	2.54 ug/L	132004	1,4-Dichlorobenzene-d4		13.554	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-		134	C10H14	000135-01-3	76
2	Benzene, 1,3-diethyl-		134	C10H14	000141-93-5	76
3	Benzene, 1,4-diethyl-		134	C10H14	000105-05-5	76
4	Benzene, 1,3-diethyl-		134	C10H14	000141-93-5	70
5	Benzene, 1-ethyl-2,3-dimethyl-		134	C10H14	000933-98-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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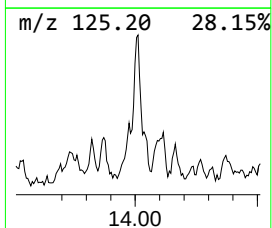
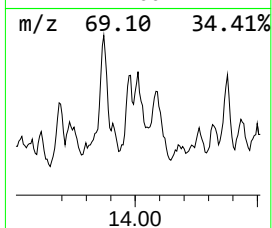
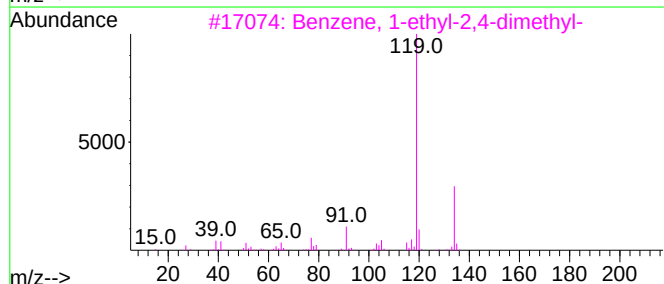
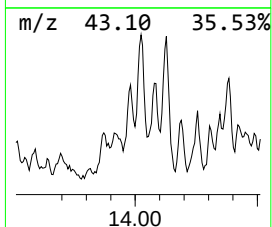
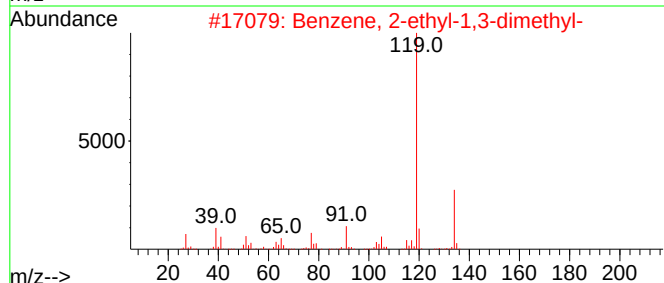
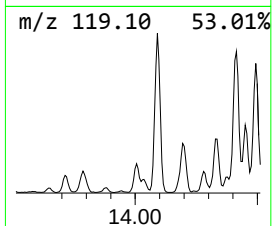
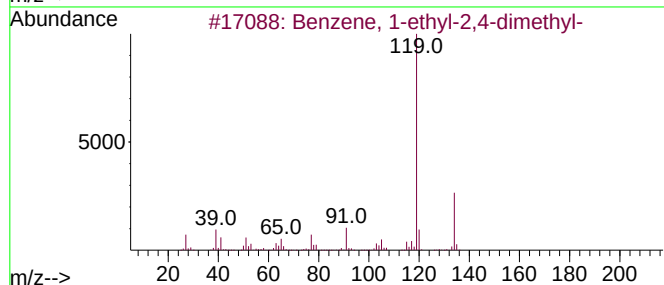
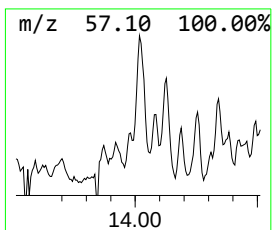
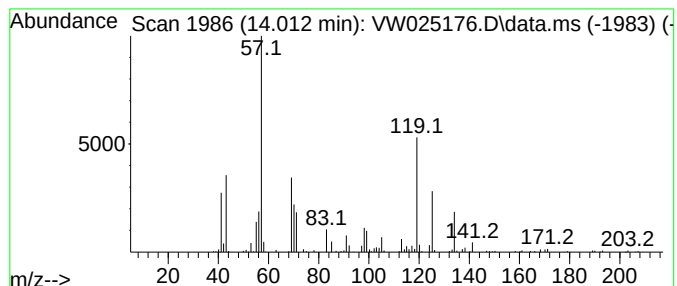
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Quant Title : SFAM01.0

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

Peak Number 14 unknown-01 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.012	1.48 ug/L	76778	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	38
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	38
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	30
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	30
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSM0

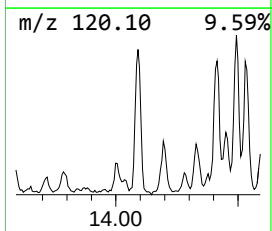
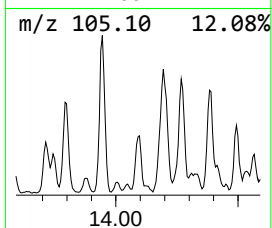
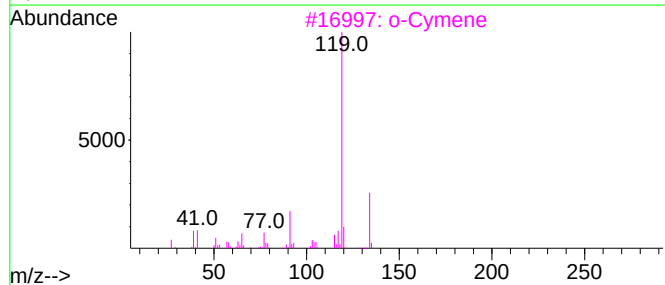
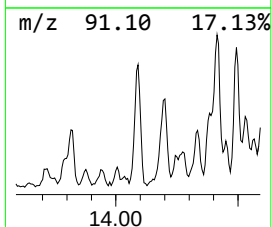
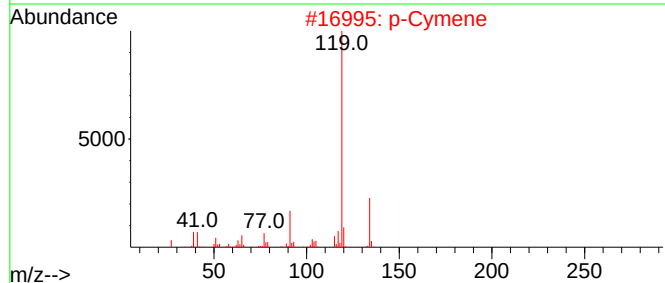
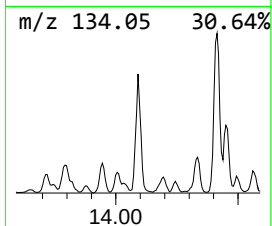
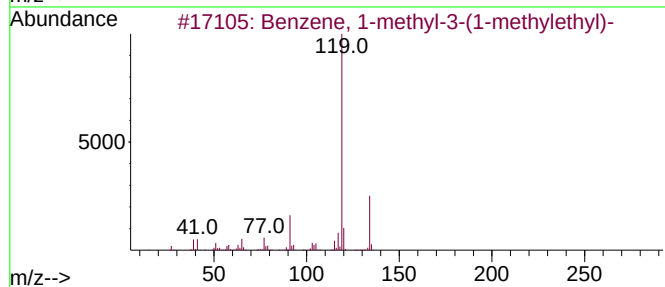
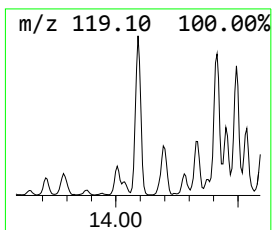
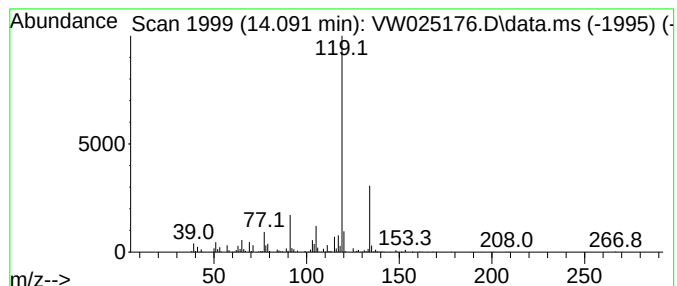
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Quant Title : SFAM01.0

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

Peak Number 15 Benzene, 1-methyl-3-(1-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	7.51 ug/L	390000	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2			p-Cymene	134	C10H14	000099-87-6	95
3			o-Cymene	134	C10H14	000527-84-4	95
4			o-Cymene	134	C10H14	000527-84-4	95
5			o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

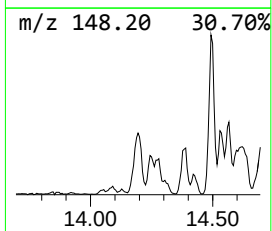
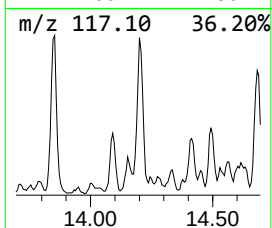
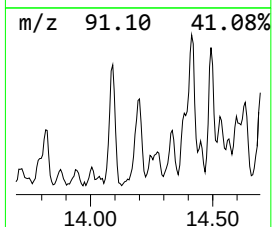
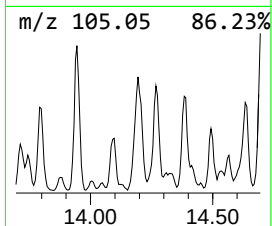
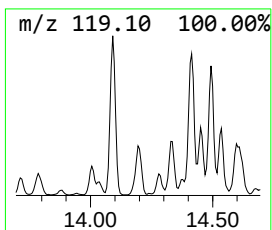
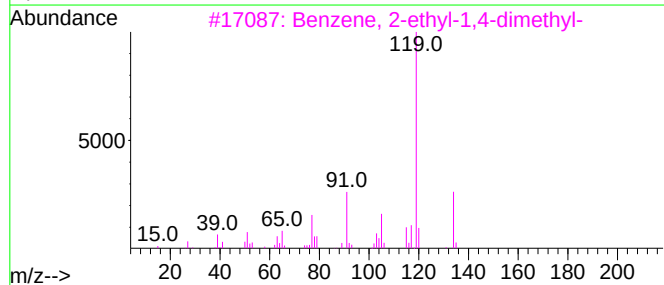
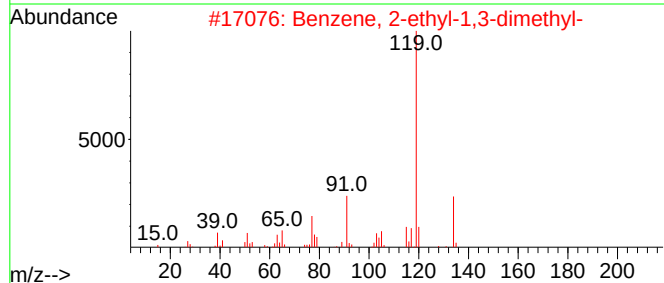
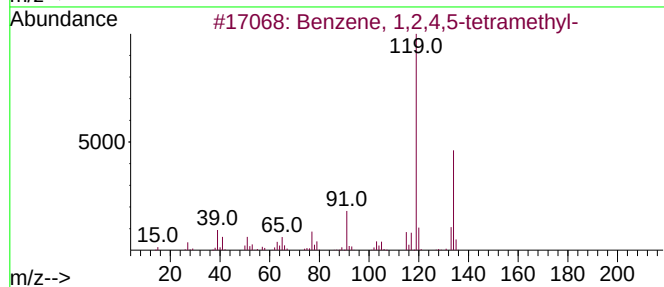
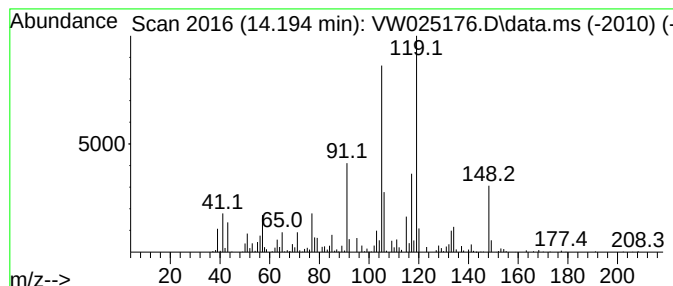
Instrument :
MSVOA_W
ClientSampleId :
BGSM0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

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

Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.194	7.23 ug/L	375273	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-		134	C10H14	000095-93-2	60
2	Benzene, 2-ethyl-1,3-dimethyl-		134	C10H14	002870-04-4	60
3	Benzene, 2-ethyl-1,4-dimethyl-		134	C10H14	001758-88-9	58
4	1,3,5-Cycloheptatriene, 3,7,7-tr...		134	C10H14	003479-89-8	53
5	Benzene, 1,2,3,4-tetramethyl-		134	C10H14	000488-23-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSM0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

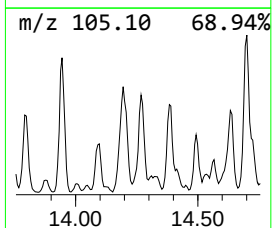
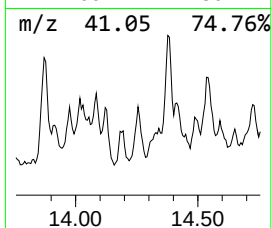
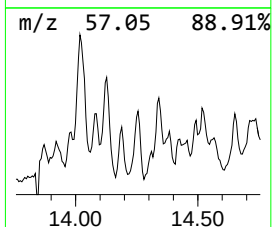
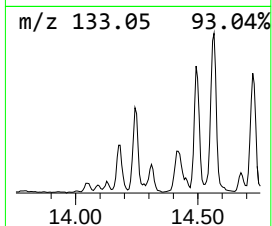
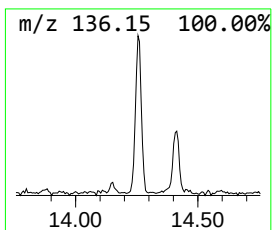
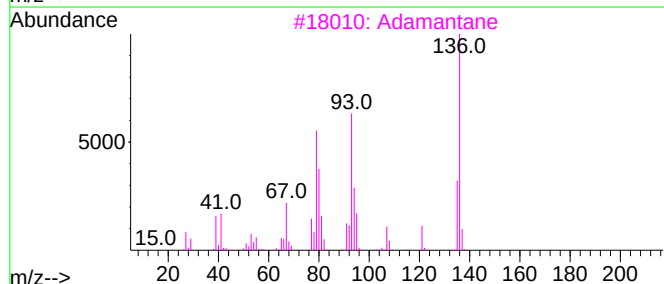
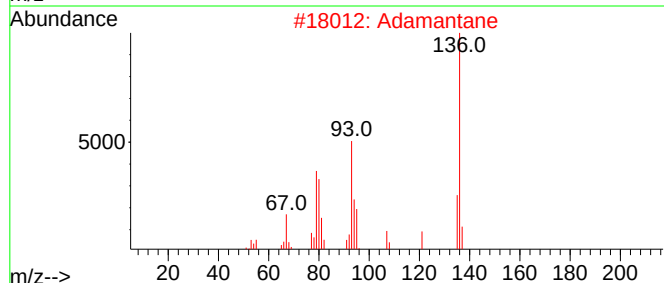
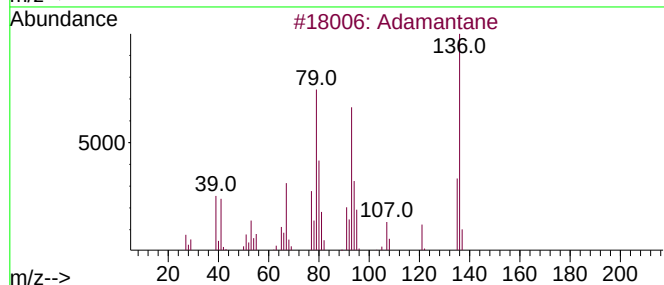
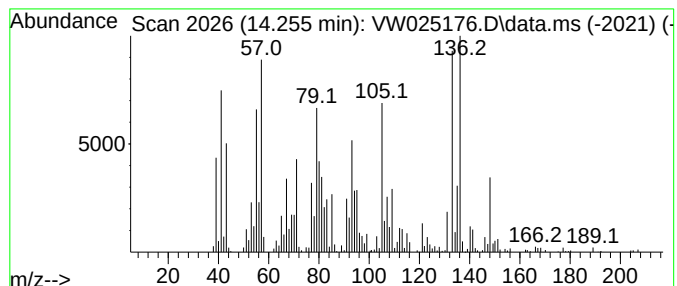
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Adamantane

Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.255	7.37 ug/L	382374	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane			136	C10H16	000281-23-2	78
2	Adamantane			136	C10H16	000281-23-2	60
3	Adamantane			136	C10H16	000281-23-2	53
4	Adamantane			136	C10H16	000281-23-2	53
5	Adamantane			136	C10H16	000281-23-2	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSM0

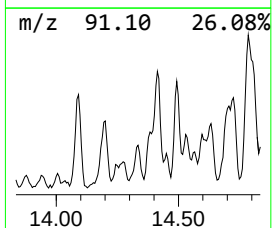
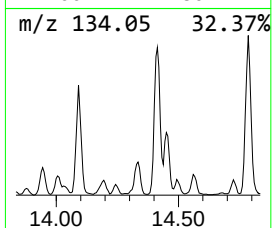
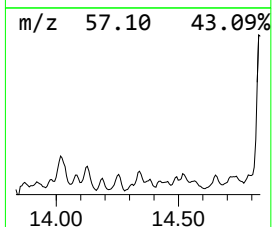
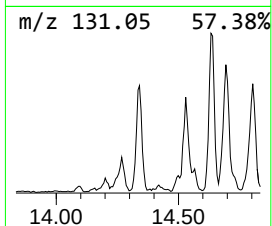
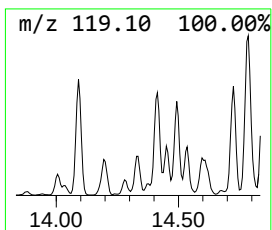
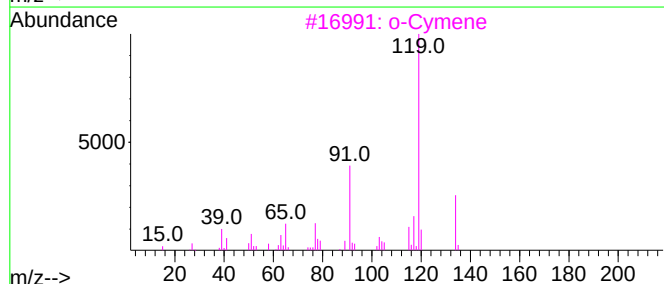
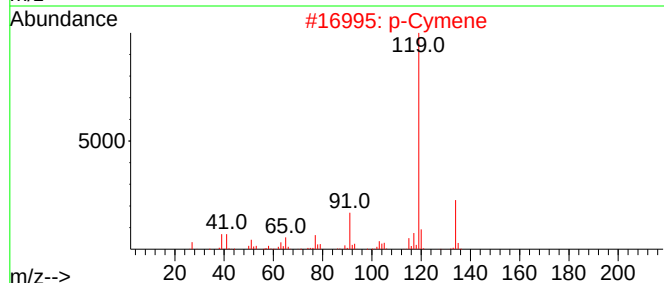
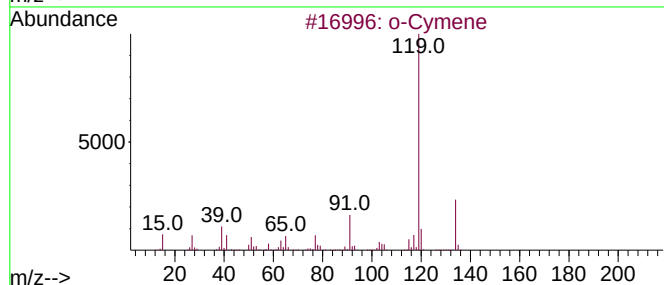
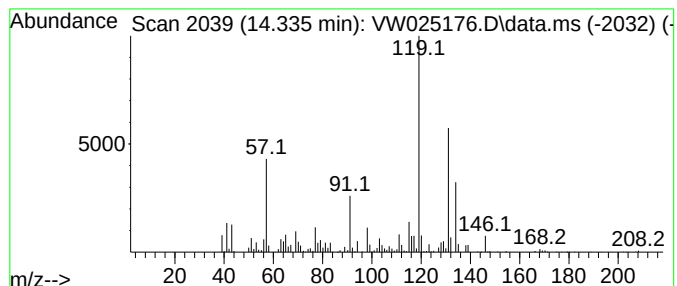
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Quant Title : SFAM01.0

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

Peak Number 18 o-Cymene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.335	5.60 ug/L	290743	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	87
2			p-Cymene	134	C10H14	000099-87-6	87
3			o-Cymene	134	C10H14	000527-84-4	55
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	55
5			o-Cymene	134	C10H14	000527-84-4	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

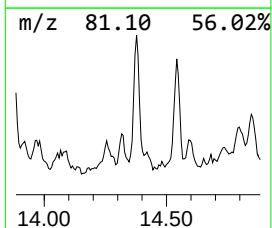
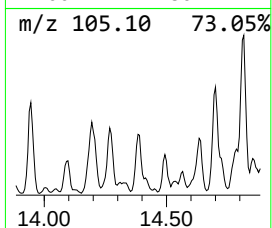
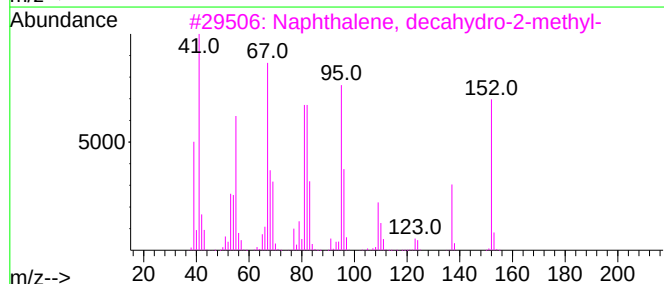
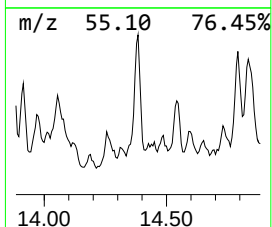
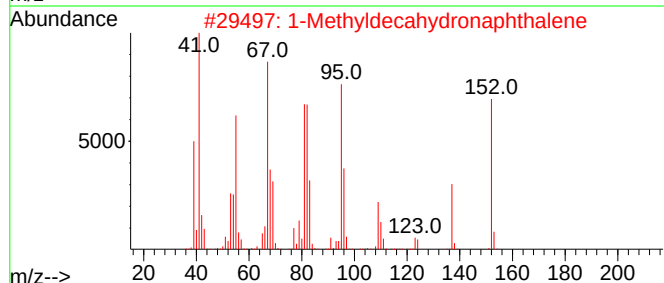
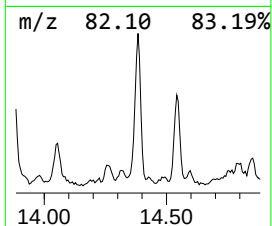
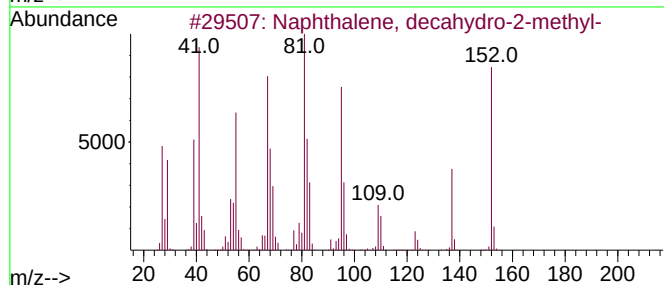
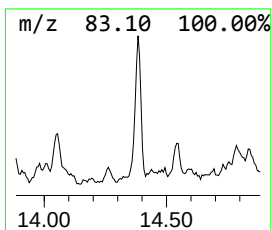
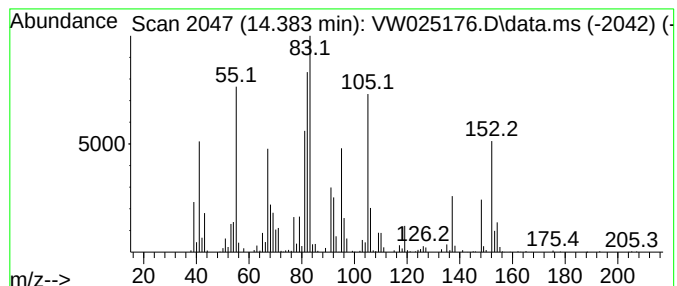
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

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

Peak Number 19 Naphthalene, decahydro-2-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.383	9.06 ug/L	470272	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-		152	C11H20	002958-76-1	83
2	1-Methyldecahydronaphthalene		152	C11H20	002958-75-0	43
3	Naphthalene, decahydro-2-methyl-		152	C11H20	002958-76-1	43
4	Cyclohexane, pentyl-		154	C11H22	004292-92-6	43
5	Dihydromyrcenol, heptafluorobuty...		352	C14H19F7O2	1000463-72-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

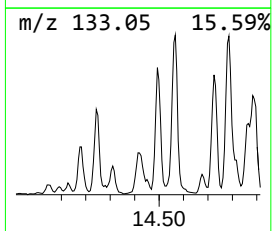
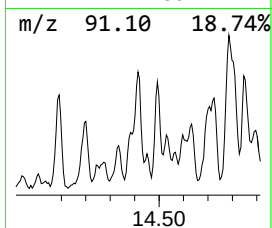
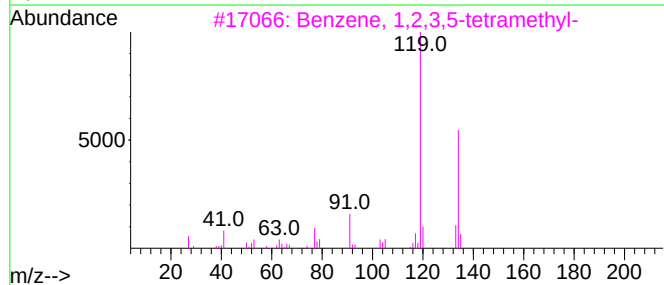
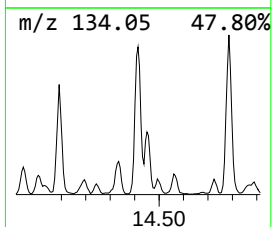
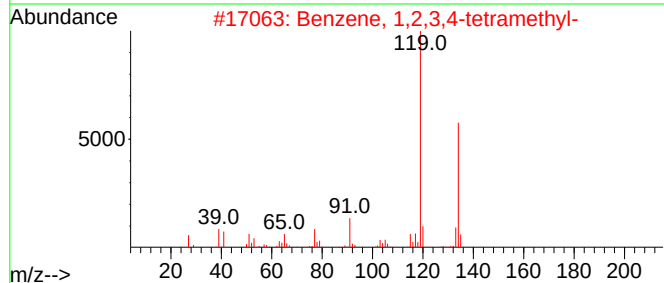
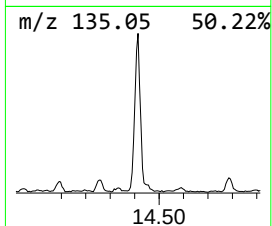
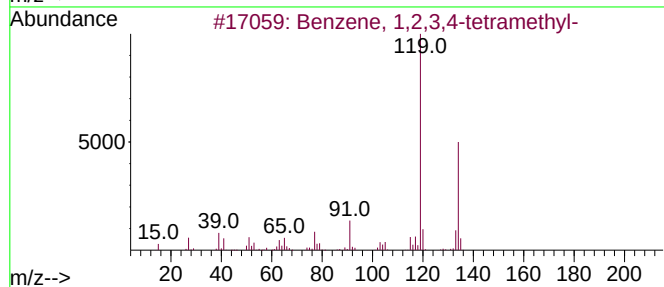
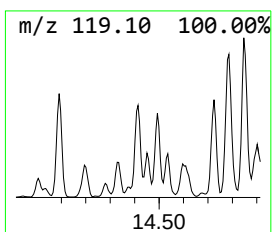
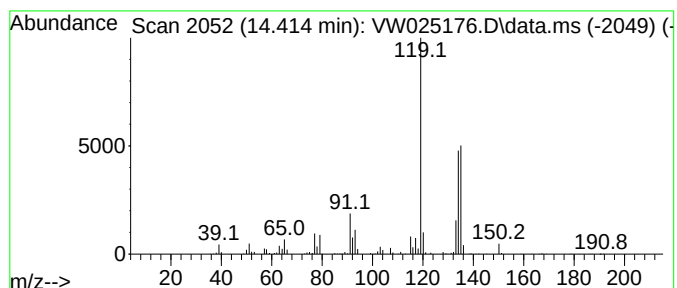
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

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

Peak Number 20 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.414	7.93 ug/L	411496	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-		134	C10H14	000488-23-3	70
2	Benzene, 1,2,3,4-tetramethyl-		134	C10H14	000488-23-3	70
3	Benzene, 1,2,3,5-tetramethyl-		134	C10H14	000527-53-7	70
4	Benzene, 1,2,4,5-tetramethyl-		134	C10H14	000095-93-2	70
5	Benzene, 1,2,3,4-tetramethyl-		134	C10H14	000488-23-3	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSM0

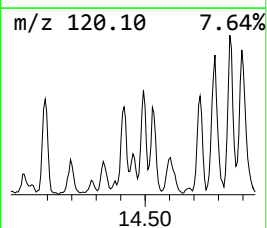
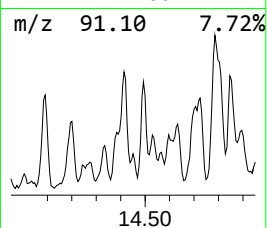
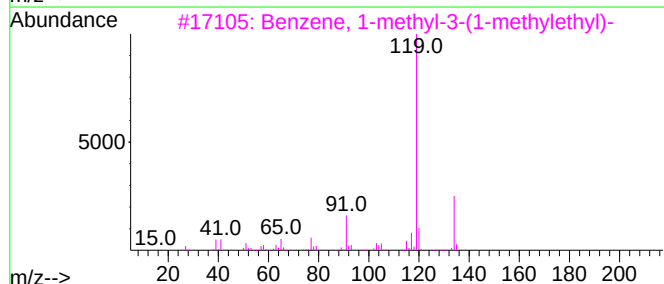
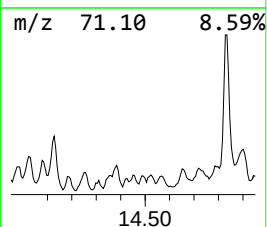
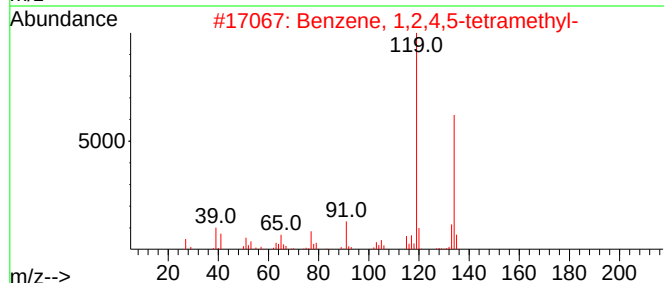
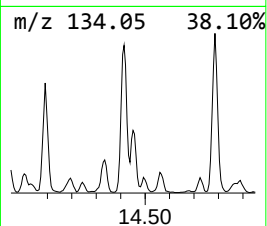
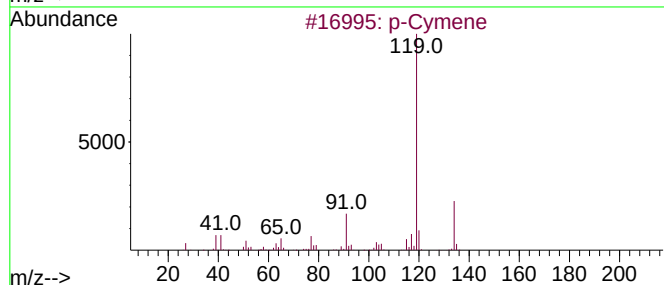
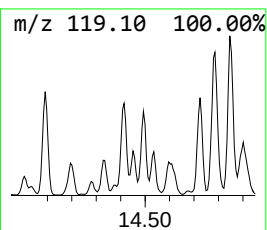
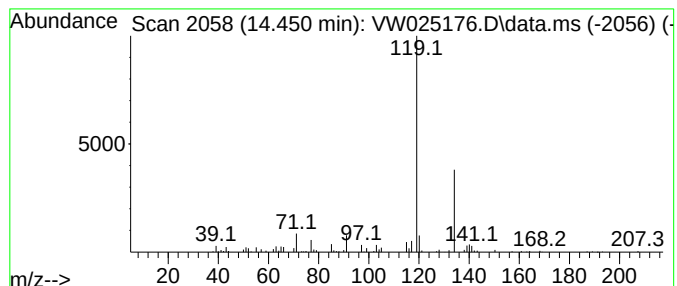
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Quant Title : SFAM01.0

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

Peak Number 21 p-Cymene Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.451	1.91 ug/L	99041	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	83
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	80
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	80
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	80
5			p-Cymene	134	C10H14	000099-87-6	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSM0

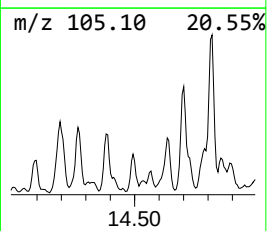
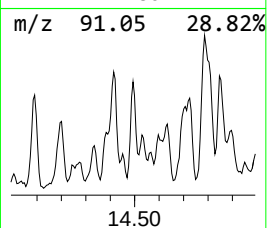
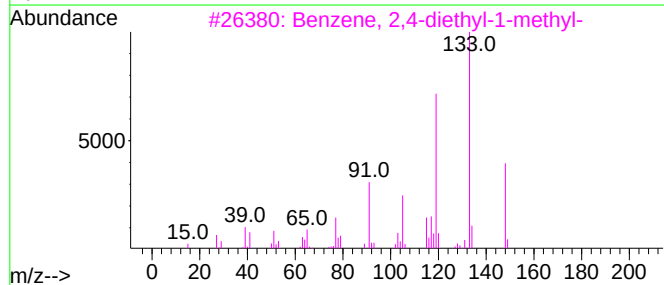
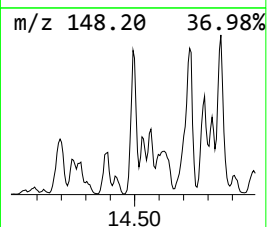
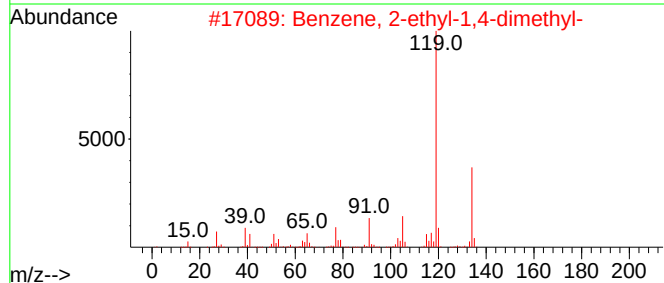
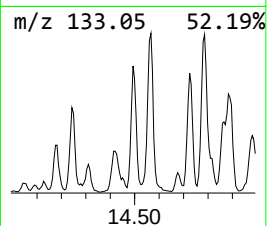
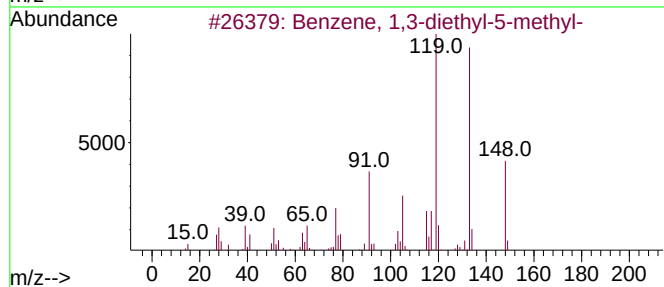
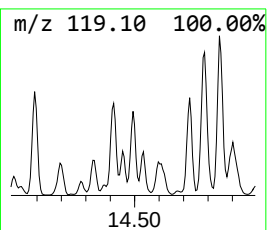
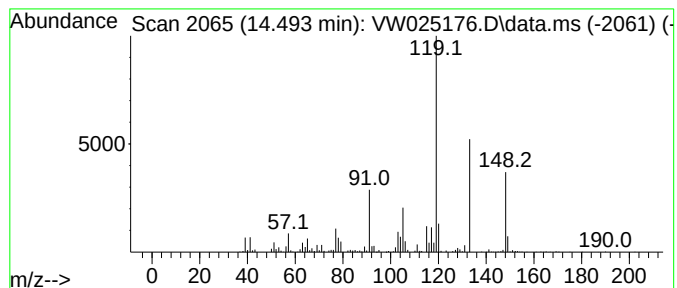
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Quant Title : SFAM01.0

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

Peak Number 22 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.493	8.32 ug/L	431774	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	59
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	52
3			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	50
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	49
5			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSM0

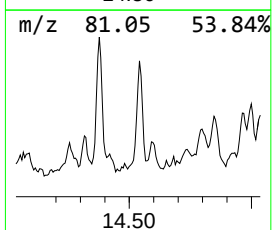
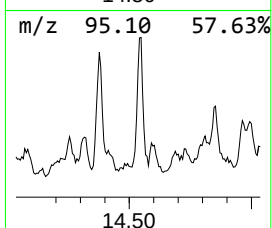
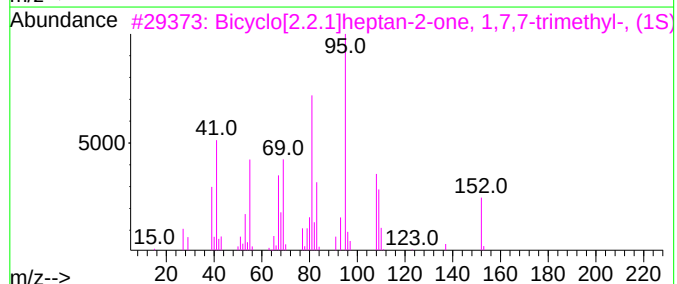
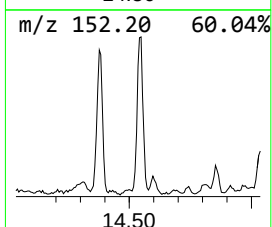
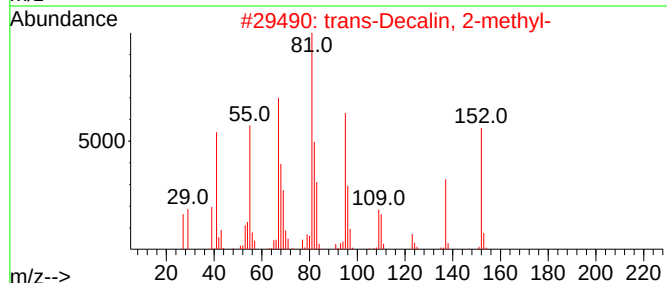
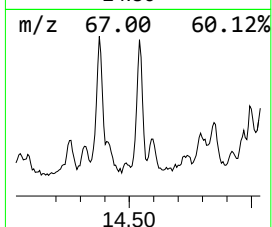
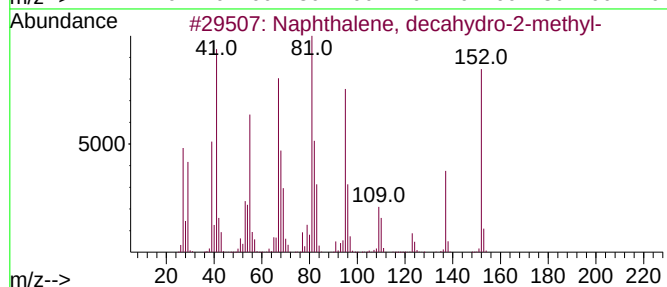
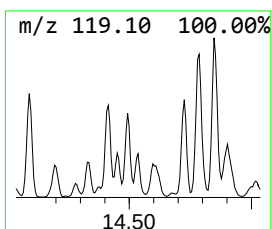
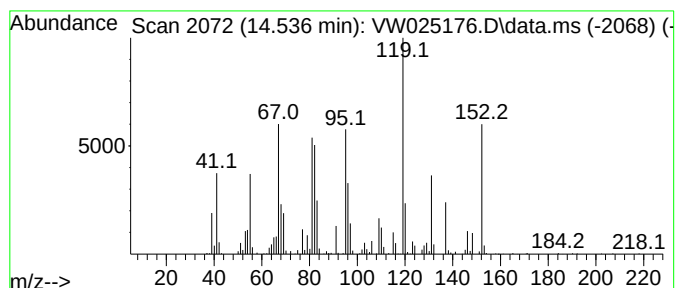
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Quant Title : SFAM01.0

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

Peak Number 23 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.536	8.55 ug/L	443647	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	46
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	43
3			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	38
4			Cyclopentylcyclohexane	152	C11H20	001606-08-2	35
5			cis-3-Hexen-1-ol, pentafluoropro...	246	C9H11F5O2	1000352-28-8	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSM0

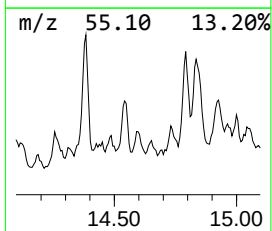
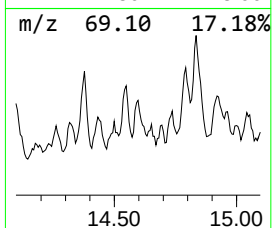
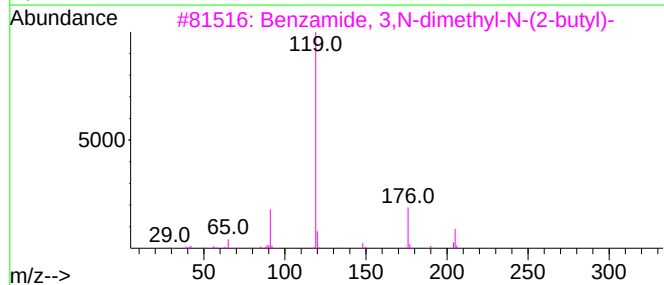
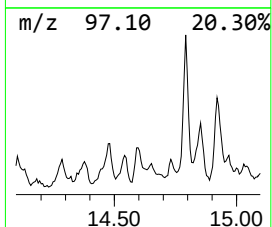
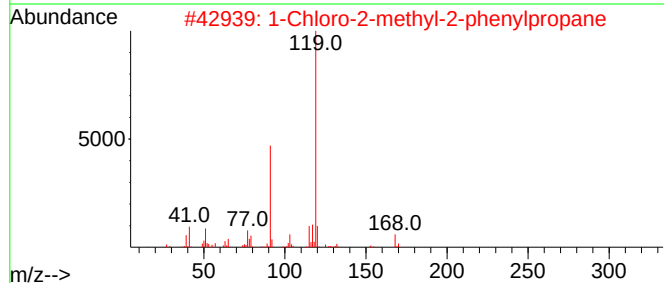
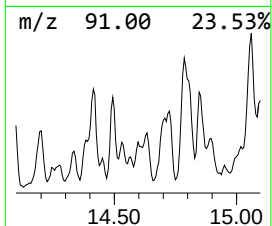
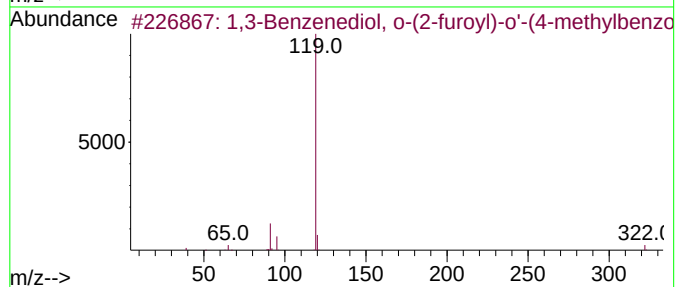
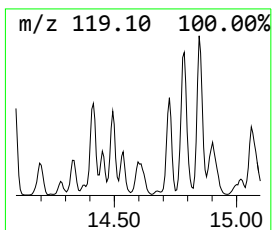
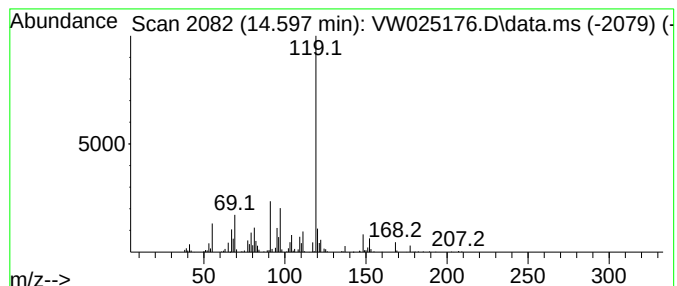
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Quant Title : SFAM01.0

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

Peak Number 24 1,3-Benzenediol, o-(2-furoy... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.597	1.27 ug/L	66161	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Benzenediol, o-(2-furoyl)-o'...	322	C19H14O5	1000330-75-7	50
2			1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	47
3			Benzamide, 3,N-dimethyl-N-(2-but...	205	C13H19NO	1000464-09-2	47
4			Butyric acid, 2-phenyl-, 4-nitro...	285	C16H15NO4	1000406-87-5	47
5			1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSM0

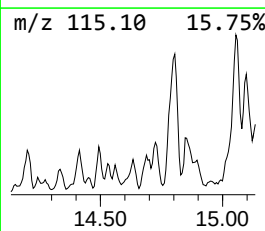
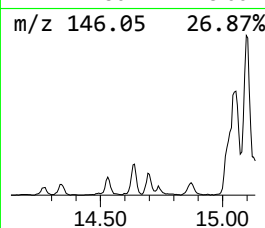
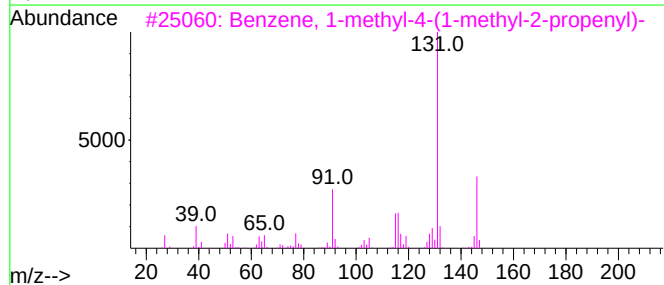
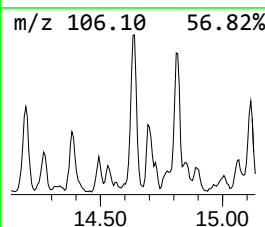
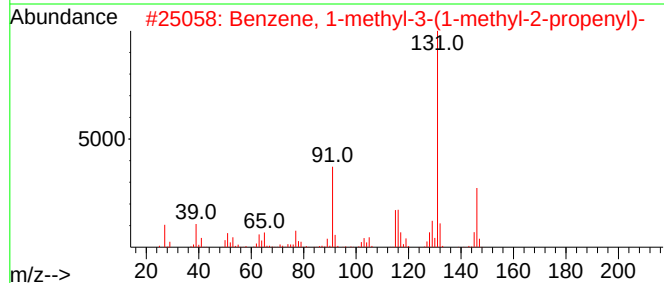
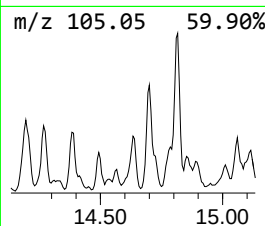
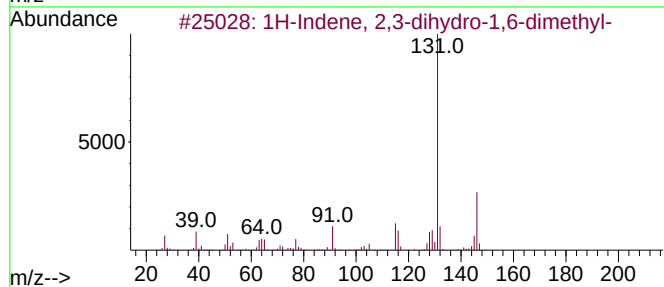
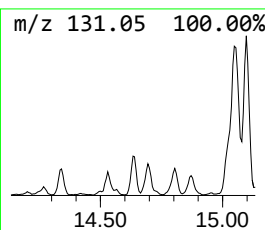
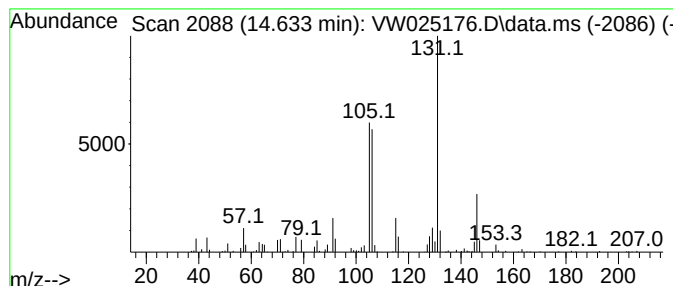
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Quant Title : SFAM01.0

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

Peak Number 25 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.633	3.24 ug/L	168148	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
2			Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	89
3			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	89
4			Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	76
5			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

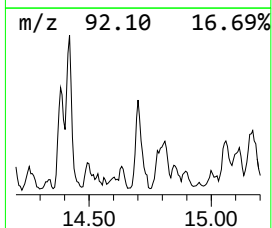
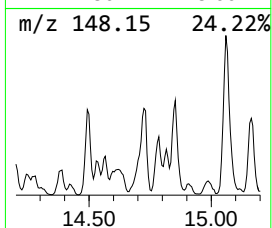
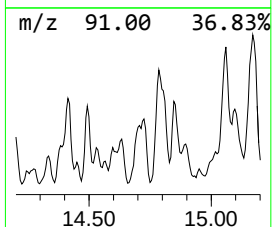
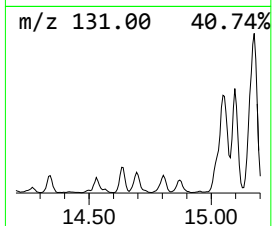
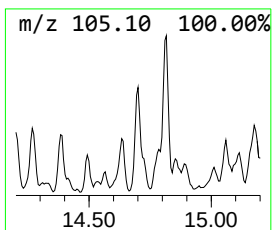
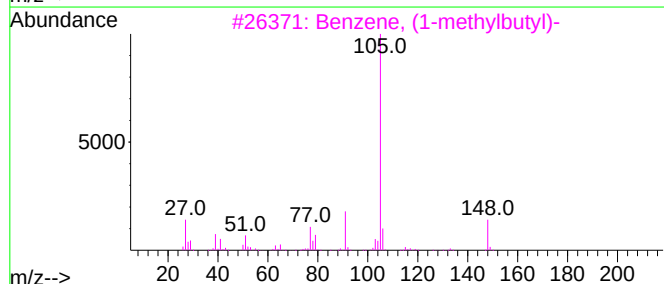
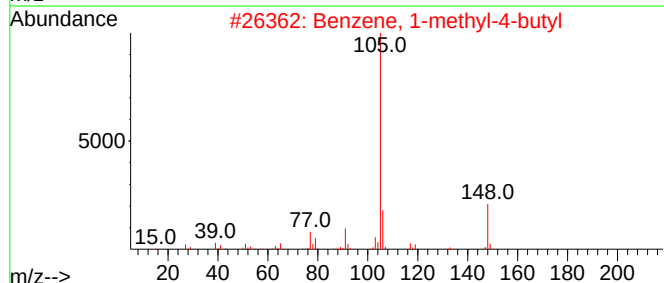
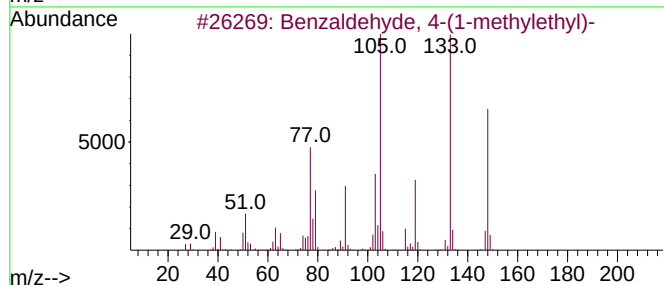
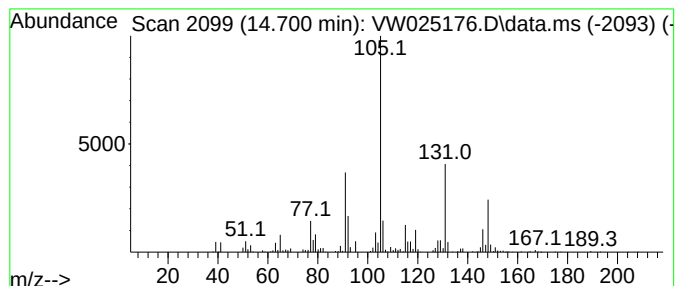
Instrument :
MSVOA_W
ClientSampleId :
BGSM0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

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

Peak Number 26 unknown-03 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.700	4.94 ug/L	256302	1,4-Dichlorobenzene-d4		13.554	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-(1-methylethyl)-		148	C10H12O	000122-03-2	43
2	Benzene, 1-methyl-4-butyl		148	C11H16	001595-05-7	43
3	Benzene, (1-methylbutyl)-		148	C11H16	002719-52-0	38
4	Benzene, (1,2-dimethylpropyl)-		148	C11H16	004481-30-5	35
5	Benzene, (1-methylbutyl)-		148	C11H16	002719-52-0	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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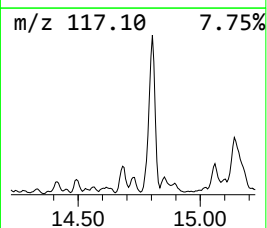
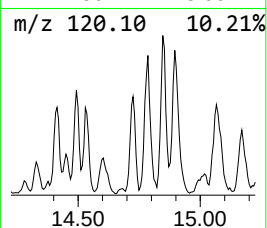
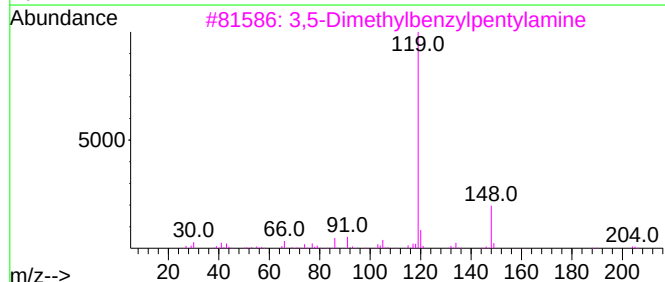
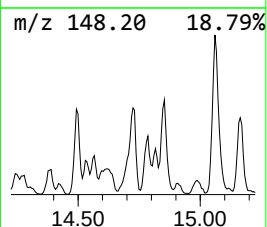
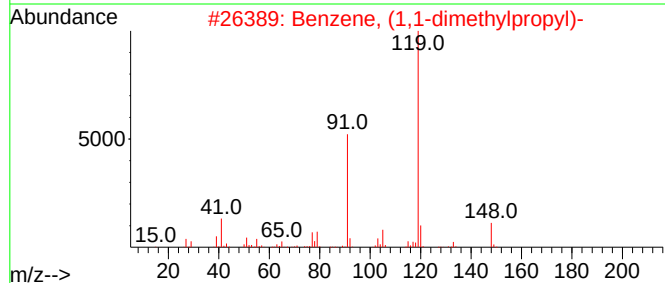
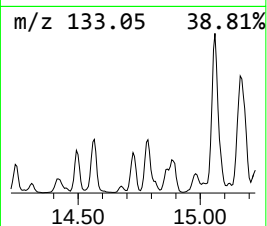
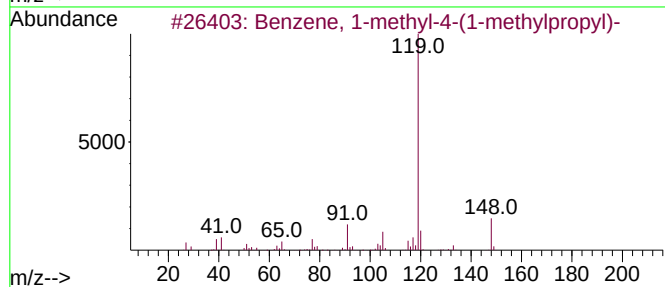
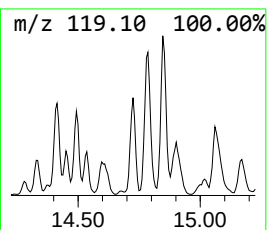
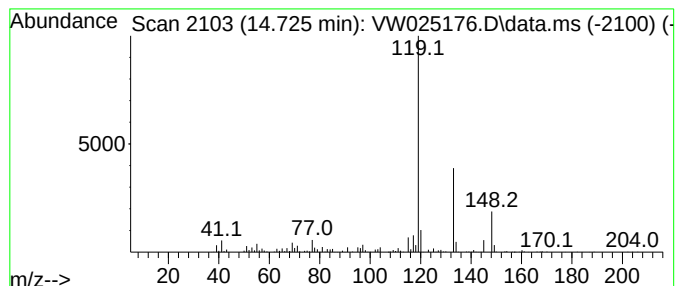
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Quant Title : SFAM01.0

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

Peak Number 27 Benzene, 1-methyl-4-(1-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.725	8.53 ug/L	442765	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	52
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
3			3,5-Dimethylbenzylpentylamine	205	C14H23N	1000491-60-8	50
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	49
5			p-Cymene	134	C10H14	000099-87-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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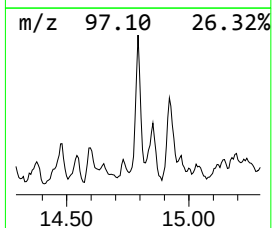
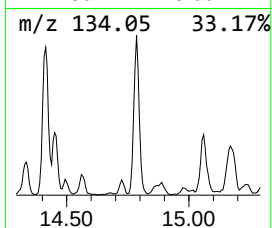
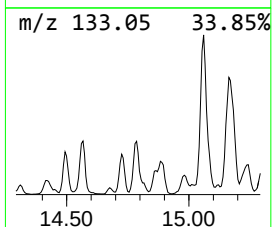
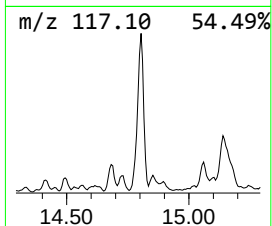
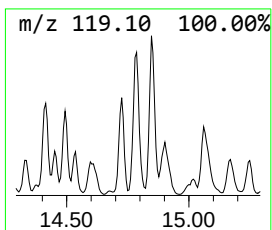
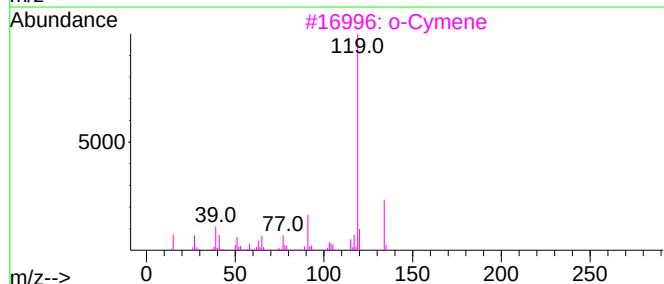
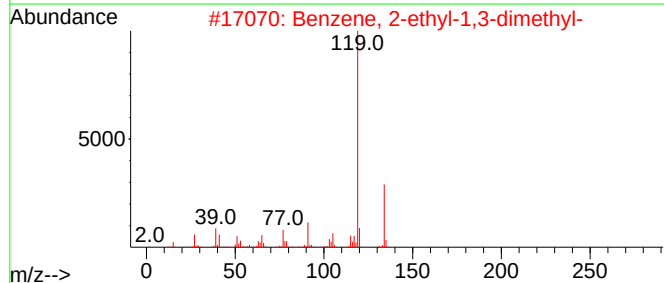
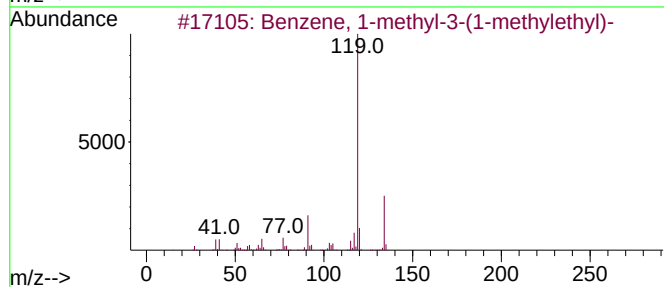
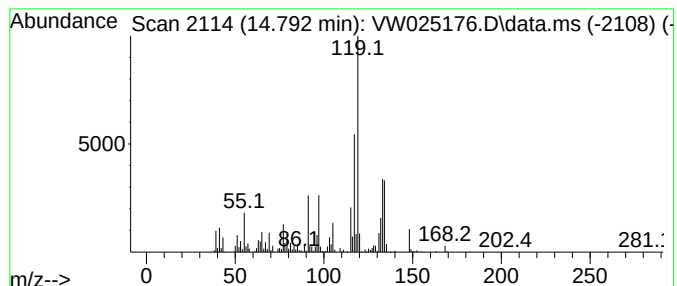
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Quant Title : SFAM01.0

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

Peak Number 28 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	31.62 ug/L	1641110	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	50
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	50
3			o-Cymene	134	C10H14	000527-84-4	50
4			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	50
5			p-Cymene	134	C10H14	000099-87-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

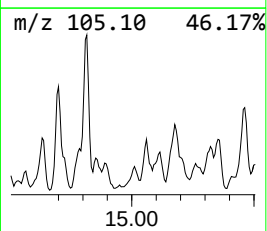
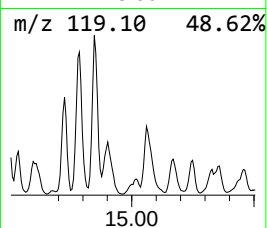
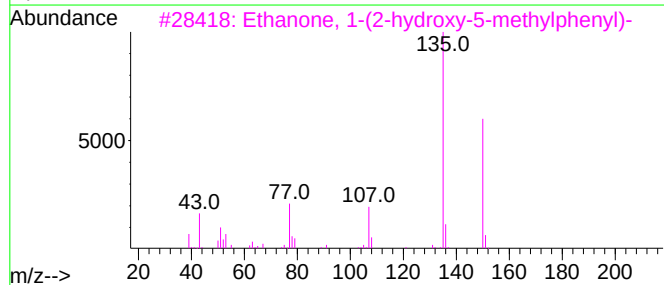
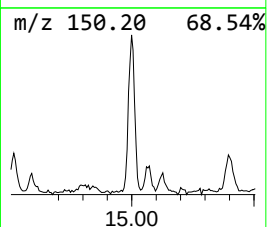
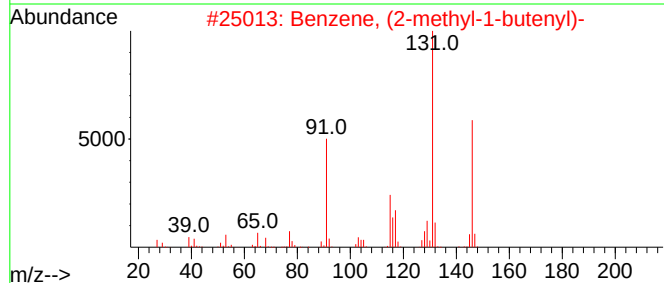
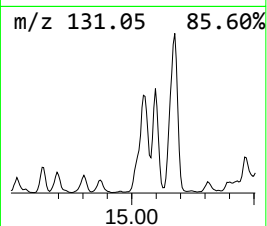
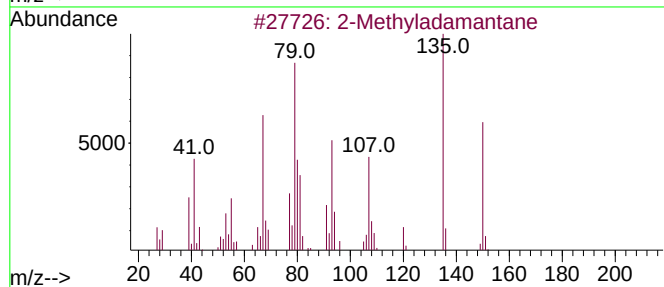
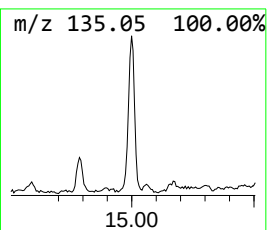
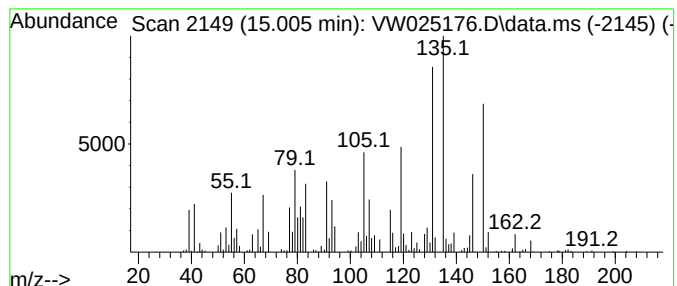
Instrument :
MSVOA_W
ClientSampleId :
BGSM0

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Quant Title : SFAM01.0

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

Peak Number 29 unknown-04 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.005	4.07 ug/L	211025	1,4-Dichlorobenzene-d4	13.554	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyladamantane	150	C11H18	000700-56-1	42
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	42
3	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	38
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	30
5	Phenol, 5-ethenyl-2-methoxy-	150	C9H10O2	000621-58-9	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSM0

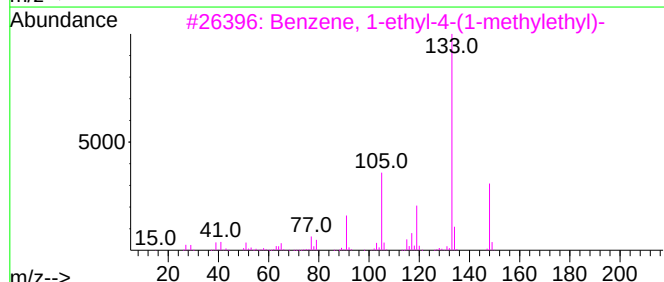
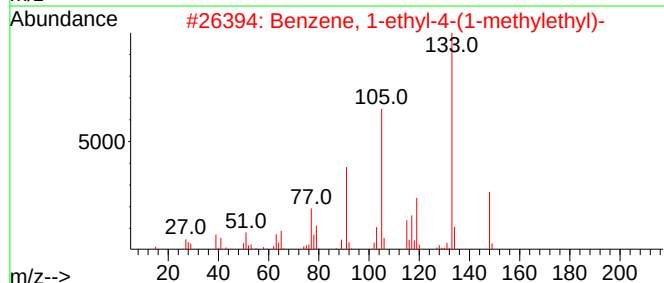
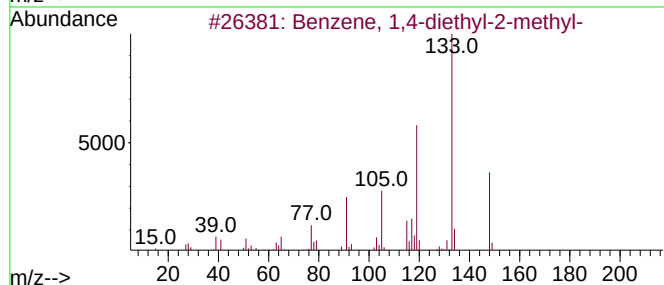
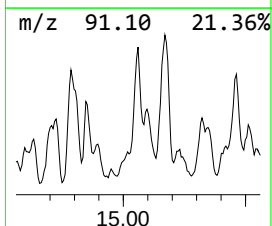
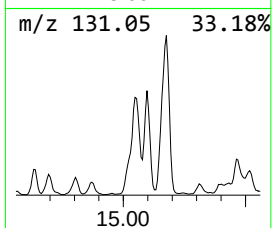
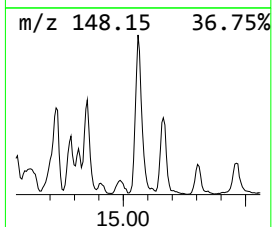
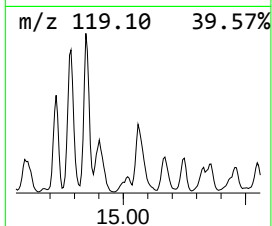
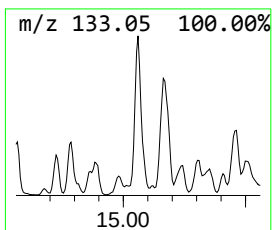
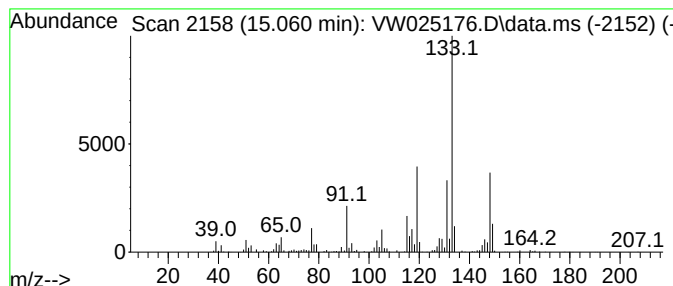
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Quant Title : SFAM01.0

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

Peak Number 30 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	24.92 ug/L	1293440	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	74
2			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	60
3			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	58
4			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	58
5			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSM0

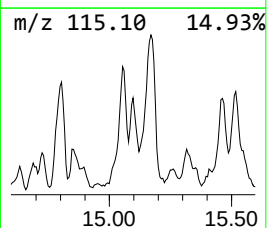
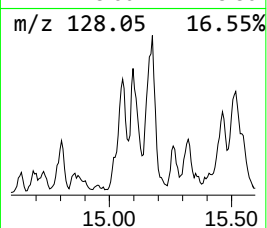
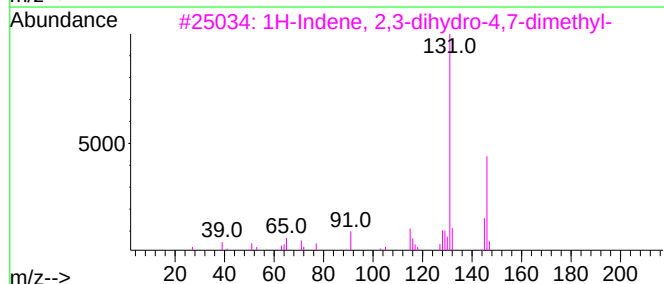
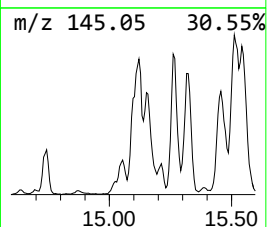
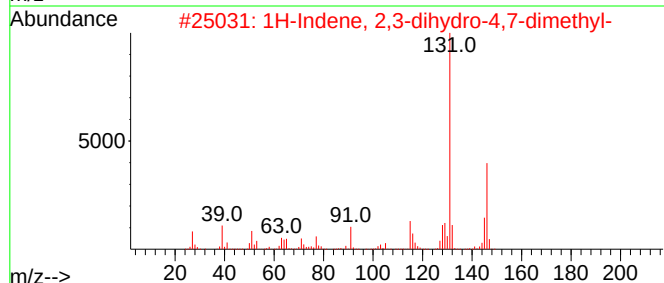
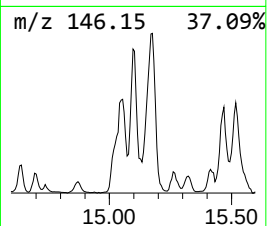
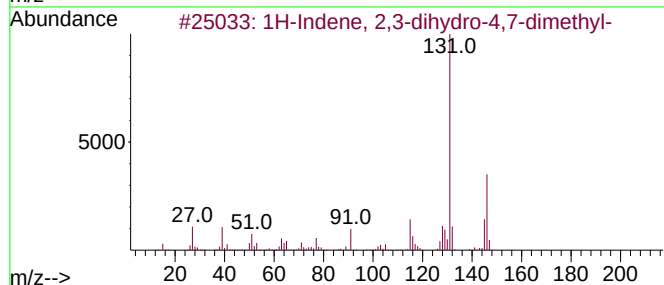
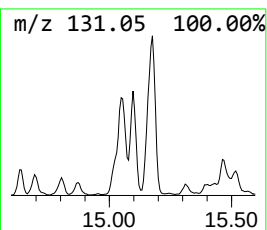
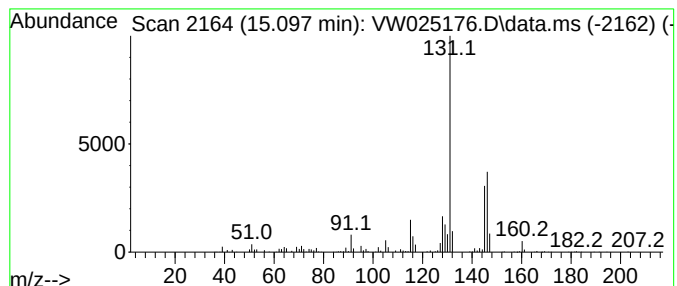
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Quant Title : SFAM01.0

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

Peak Number 31 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.097	10.79 ug/L	559974	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90		
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90		
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90		
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87		
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	87		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSM0

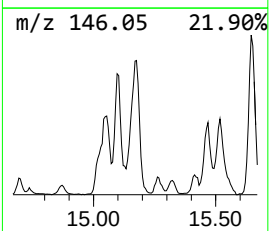
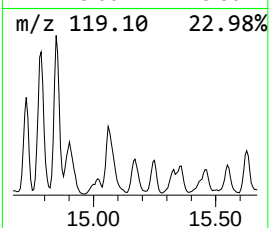
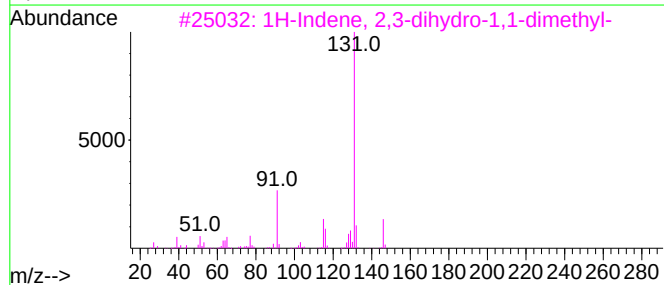
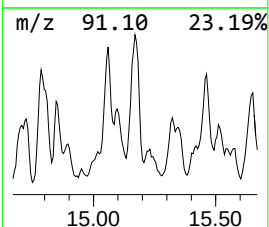
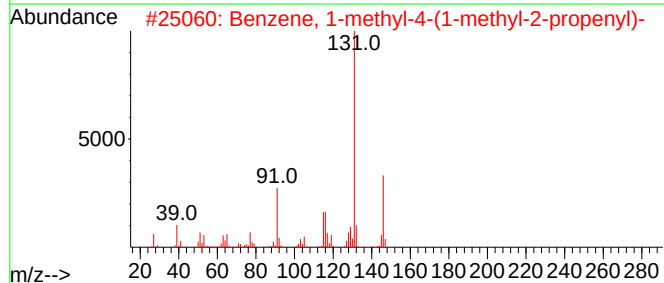
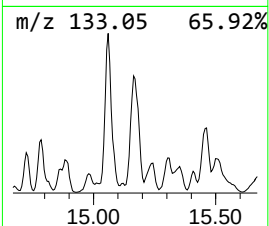
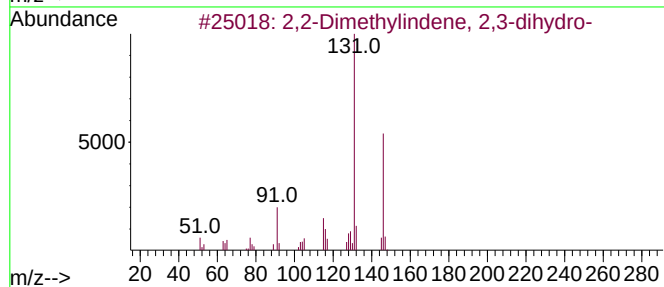
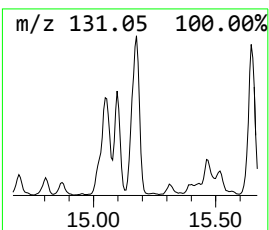
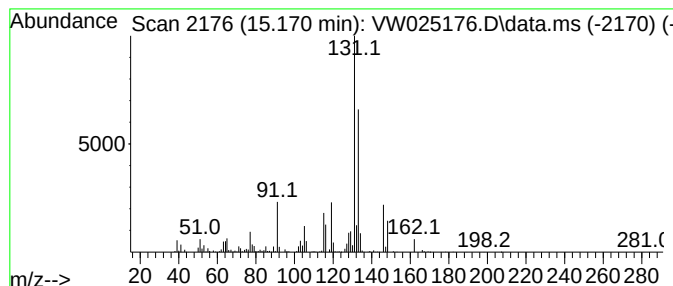
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Quant Title : SFAM01.0

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

Peak Number 32 2,2-Dimethylindene, 2,3-dih... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.170	30.58 ug/L	1587360	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	78
2			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	64
3			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	60
4			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	60
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

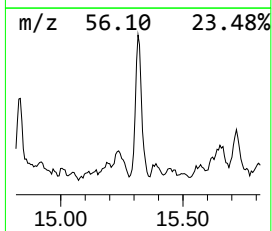
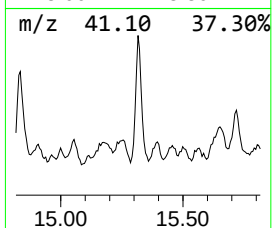
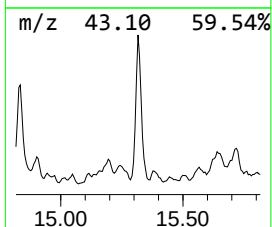
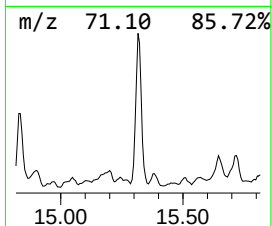
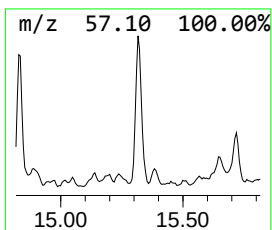
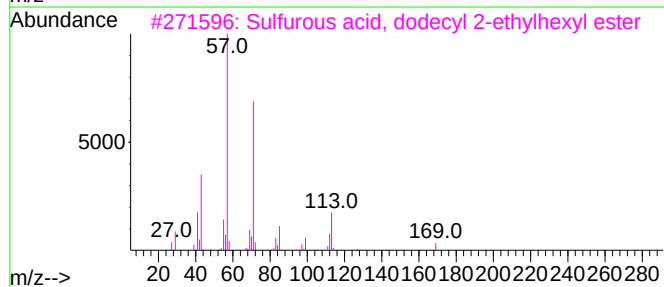
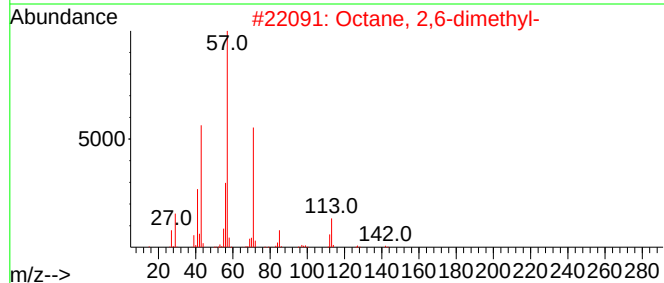
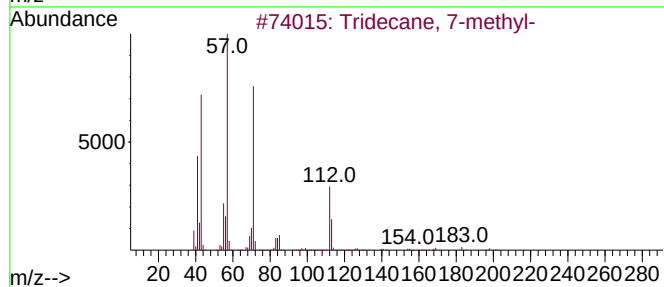
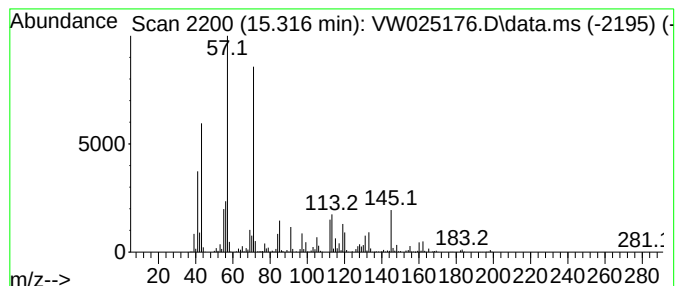
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.316	27.10 ug/L	1406420	1,4-Dichlorobenzene-d4	13.554	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methyl-	198	C14H30	026730-14-3	70
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
3	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	52
4	Oxalic acid, isobutyl neopentyl ...	216	C11H20O4	1000309-72-6	50
5	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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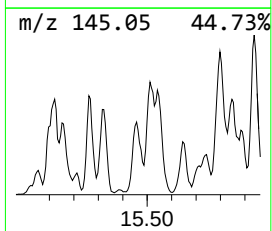
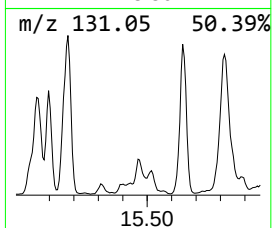
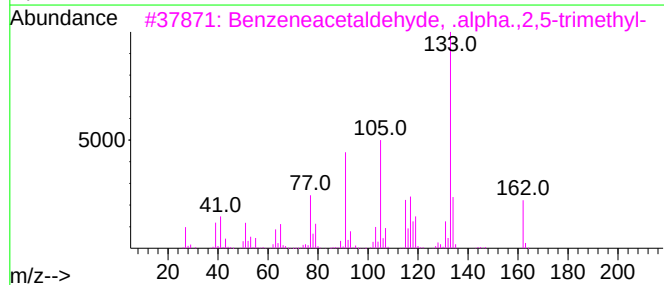
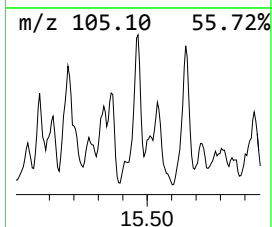
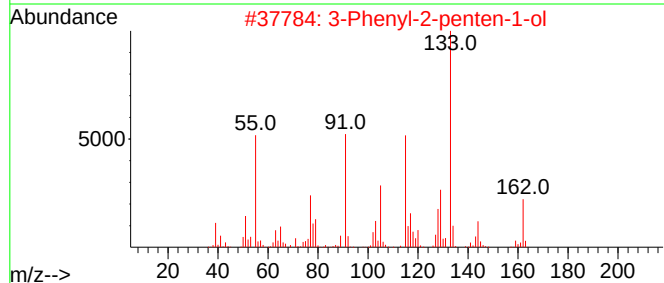
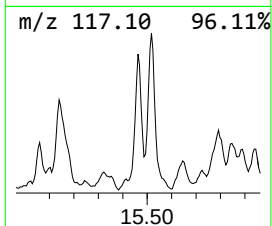
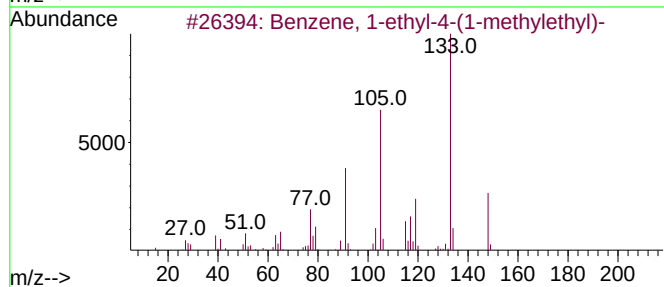
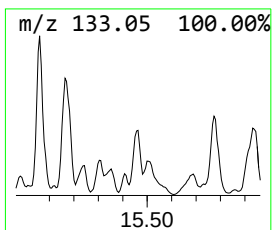
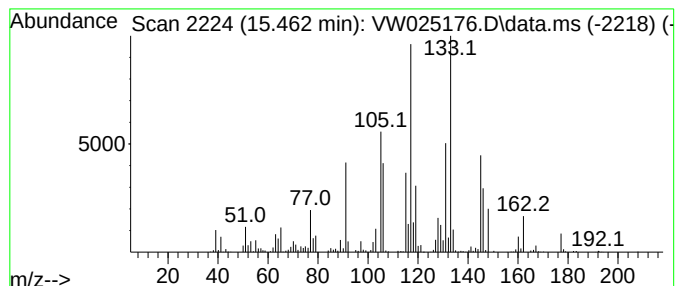
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Quant Title : SFAM01.0

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

Peak Number 34 unknown-05 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.463	14.94 ug/L	775538	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	38
2			3-Phenyl-2-penten-1-ol	162	C11H14O	105330-11-8	35
3			Benzeneacetaldehyde, .alpha.,2,5...	162	C11H14O	052417-50-2	30
4			Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	25
5			Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSM0

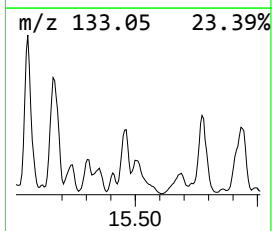
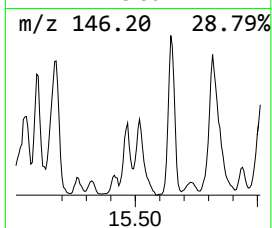
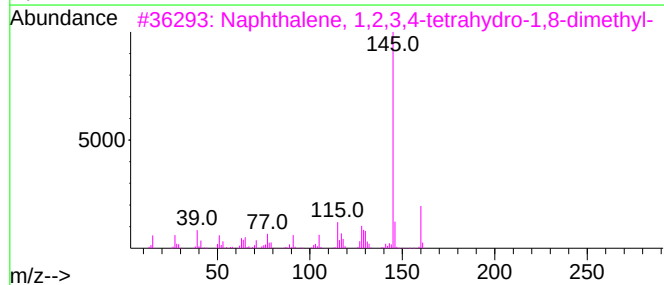
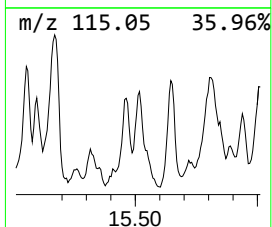
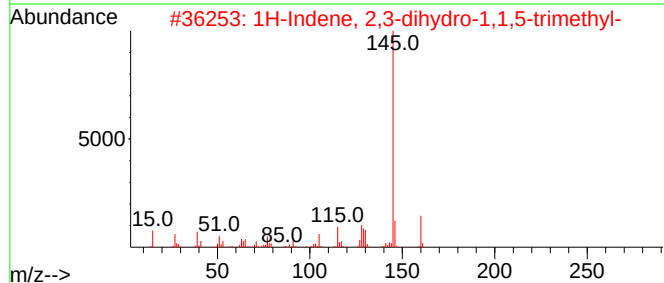
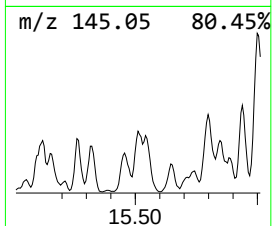
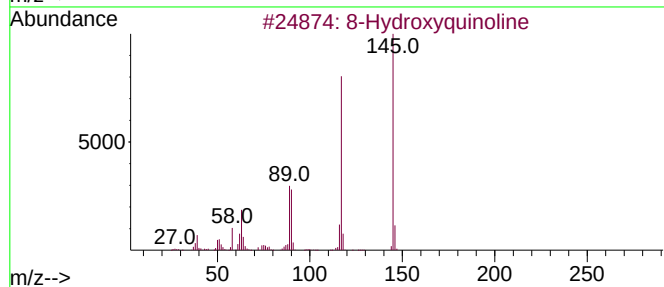
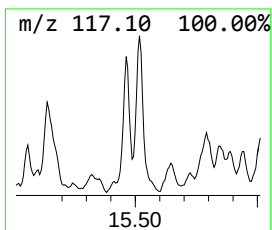
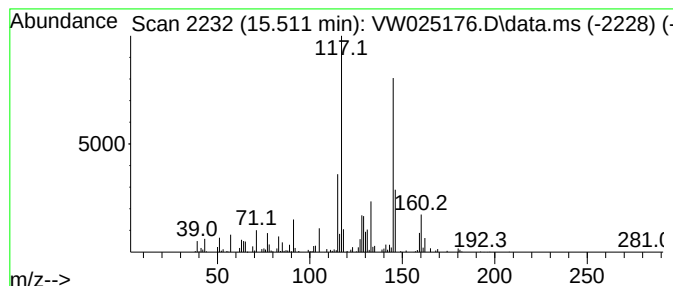
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Quant Title : SFAM01.0

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

Peak Number 35 unknown-06 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.511	7.39 ug/L	383655	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			8-Hydroxyquinoline	145	C9H7NO	000148-24-3	43
2			1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	43
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	43
4			1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	41
5			1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSM0

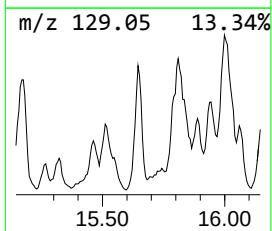
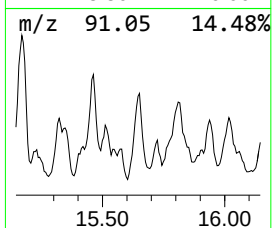
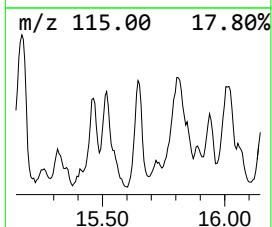
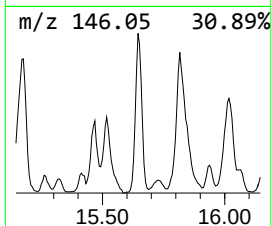
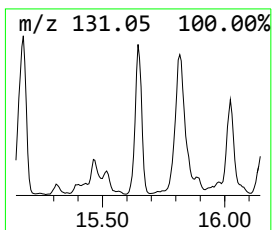
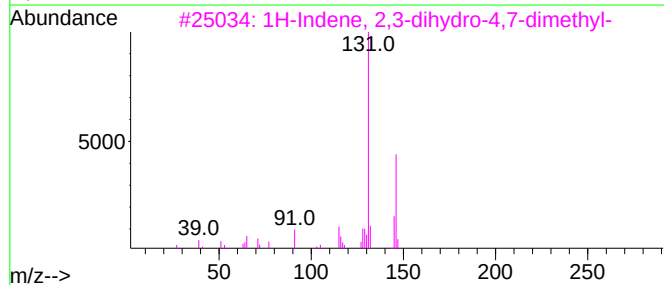
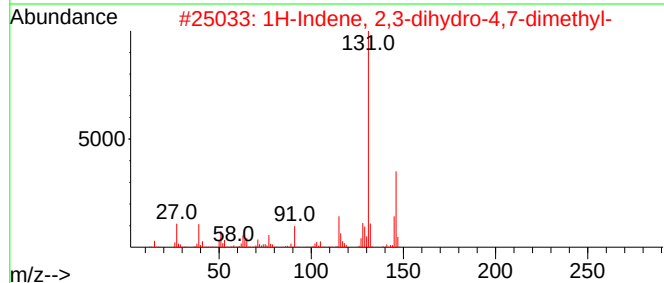
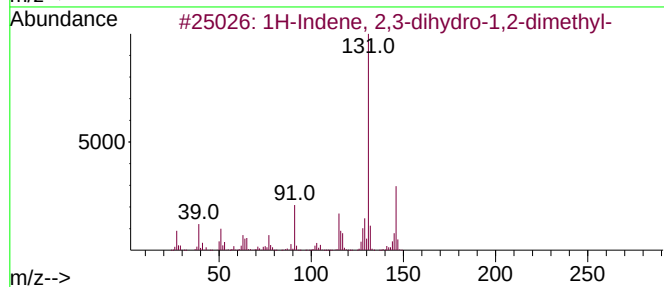
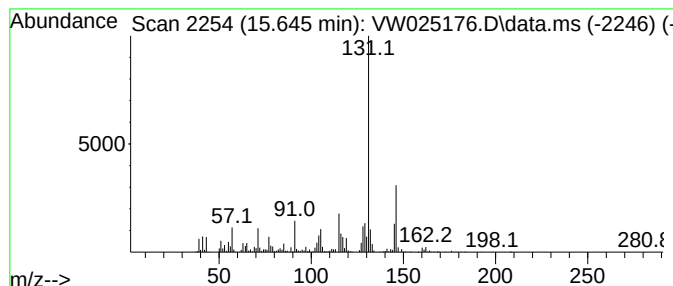
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Quant Title : SFAM01.0

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

Peak Number 36 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.645	32.44 ug/L	1683900	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
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			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	90
5			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

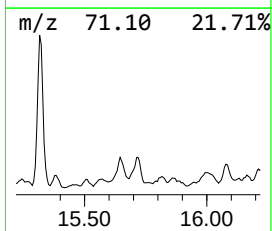
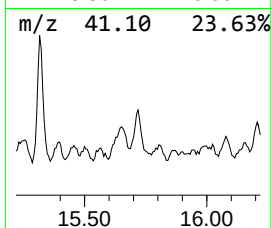
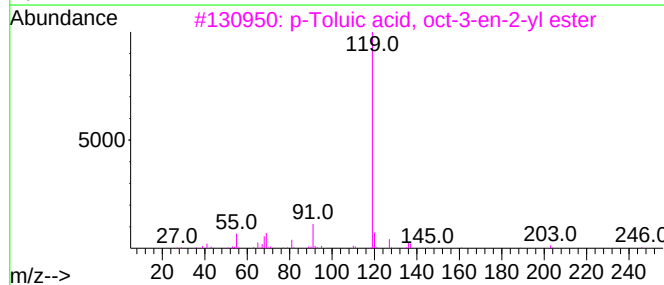
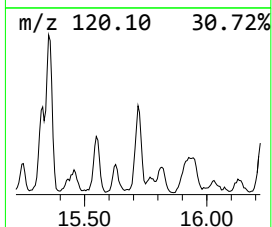
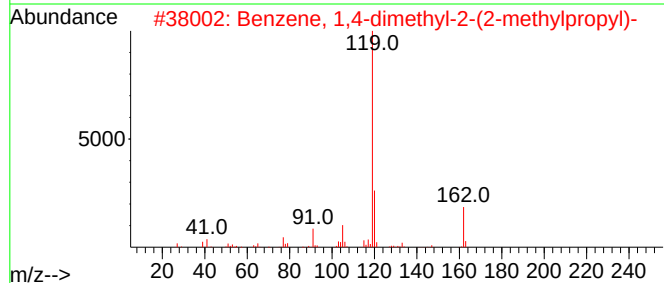
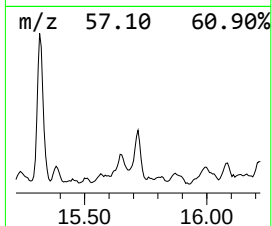
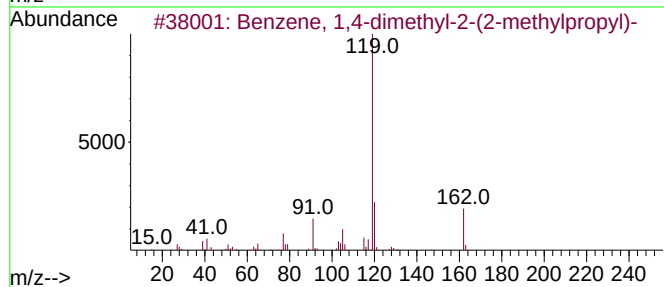
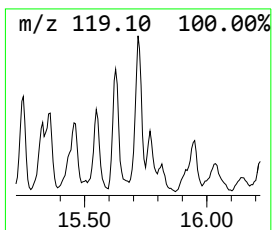
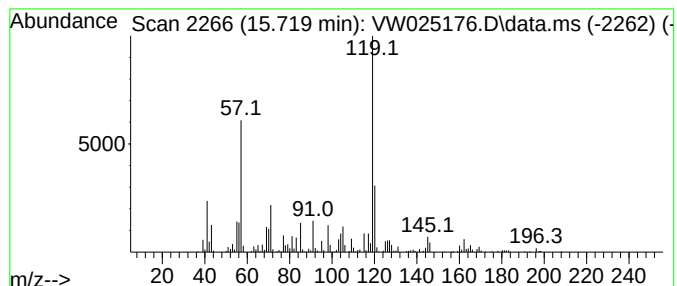
Instrument :
MSVOA_W
ClientSampleId :
BGSM0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

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

Peak Number 37 Benzene, 1,4-dimethyl-2-(2-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.719	8.58 ug/L	445155	1,4-Dichlorobenzene-d4		13.554	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dimethyl-2-(2-methy...		162	C12H18	055669-88-0	58
2	Benzene, 1,4-dimethyl-2-(2-methy...		162	C12H18	055669-88-0	50
3	p-Toluic acid, oct-3-en-2-yl ester		246	C16H22O2	1000292-50-5	43
4	Propane, 2-cyclohexyl-2-phenyl-		202	C15H22	025683-97-0	43
5	2,4-Dimethylbenzyl chloride		154	C9H11Cl	000824-55-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSM0

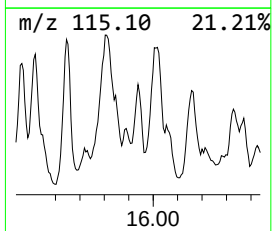
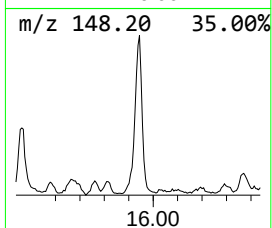
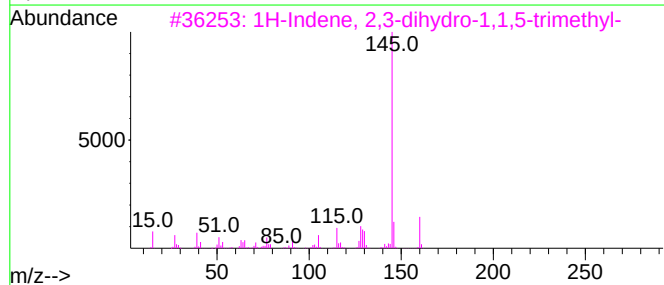
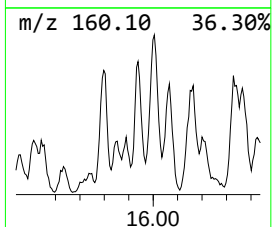
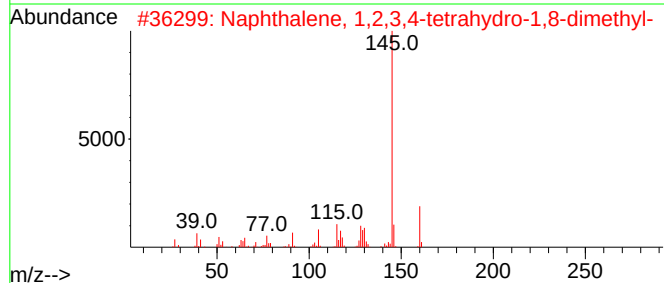
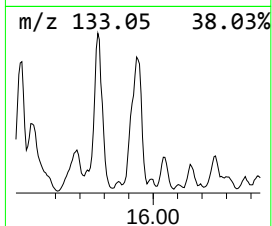
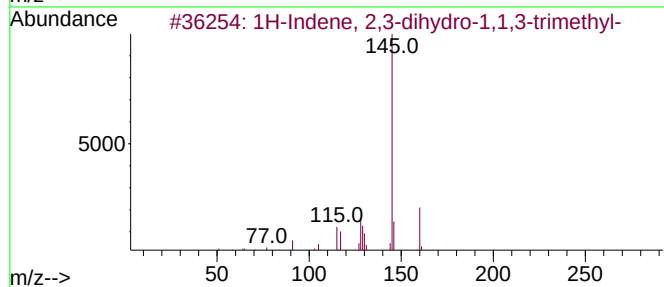
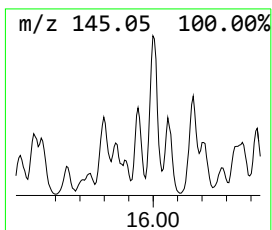
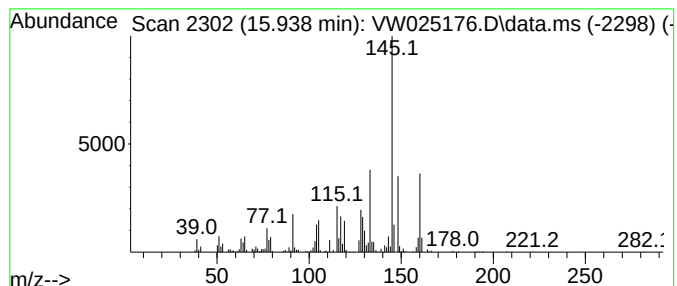
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Quant Title : SFAM01.0

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

Peak Number 38 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.938	9.78 ug/L	507741	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	76
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	70
3		1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	70
4		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	68
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSM0

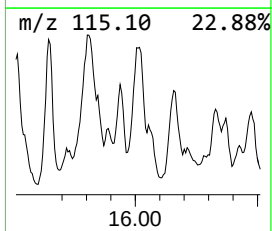
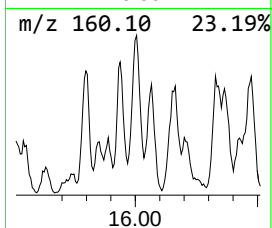
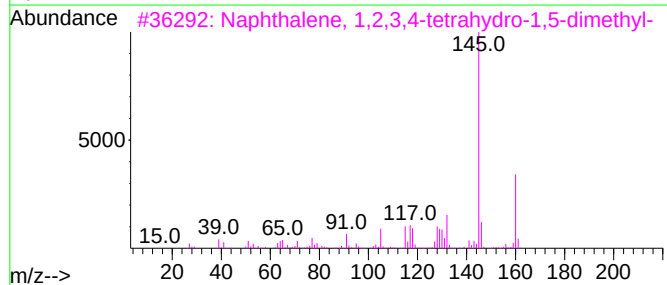
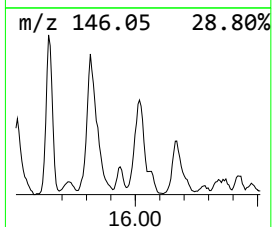
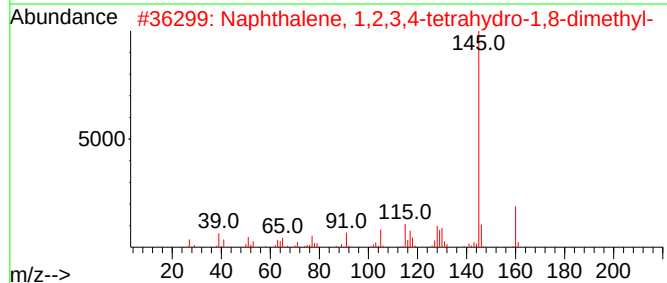
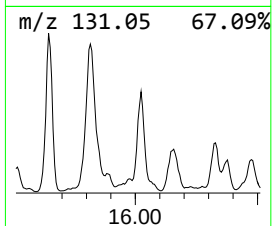
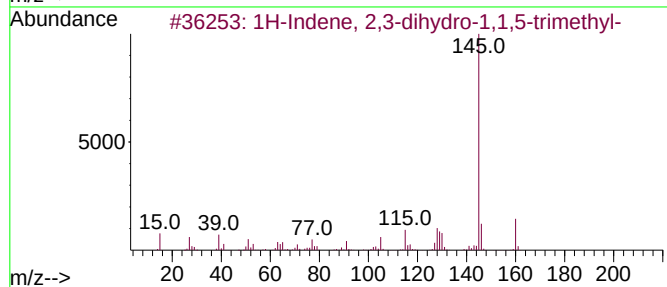
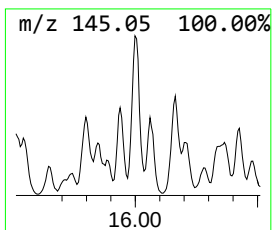
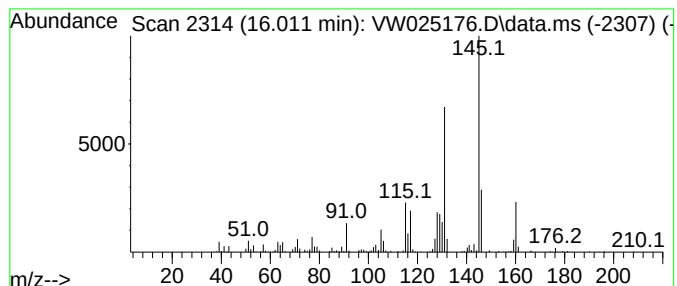
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Quant Title : SFAM01.0

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

Peak Number 39 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.011	19.72 ug/L	1023730	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	70		
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	68		
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	64		
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	62		
5	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	58		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSM0

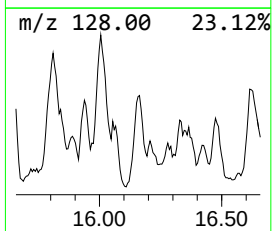
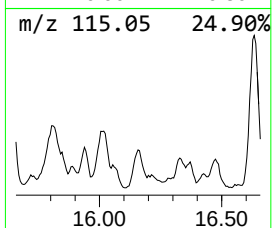
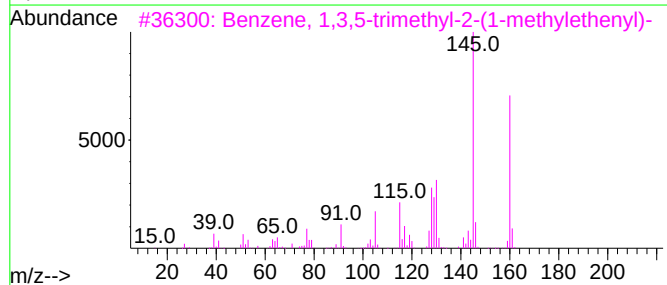
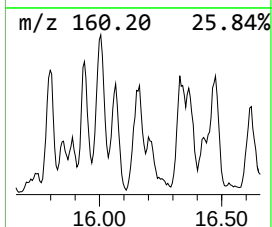
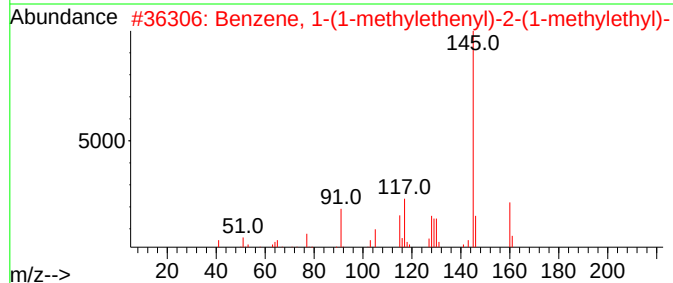
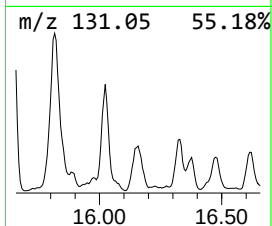
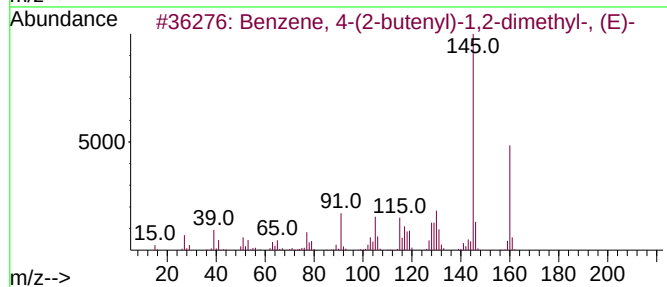
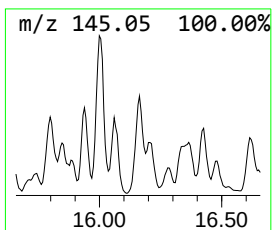
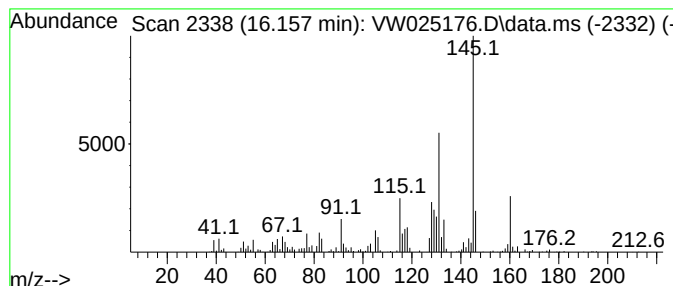
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Quant Title : SFAM01.0

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

Peak Number 40 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.157	14.84 ug/L	770495	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	76
2			Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	76
3			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64
4			1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	64
5			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSM0

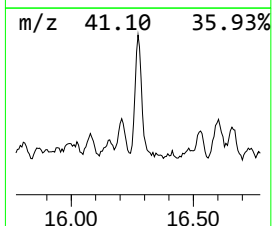
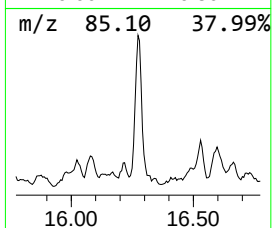
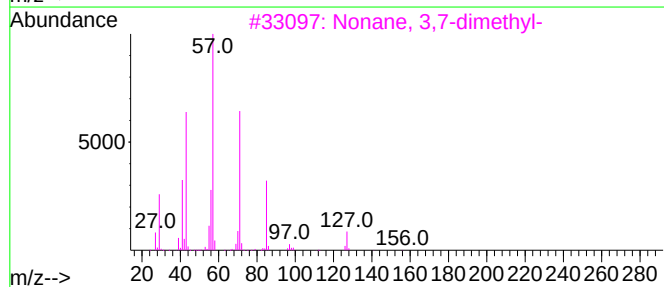
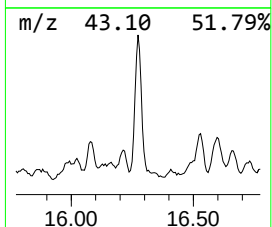
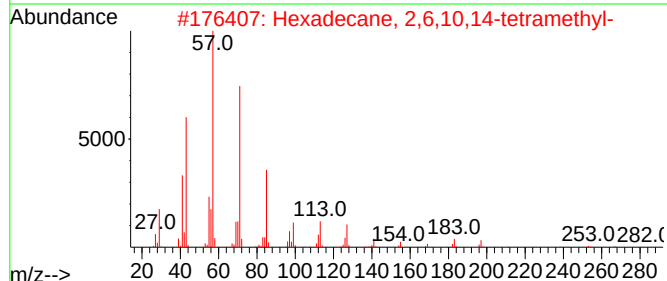
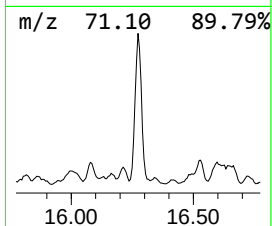
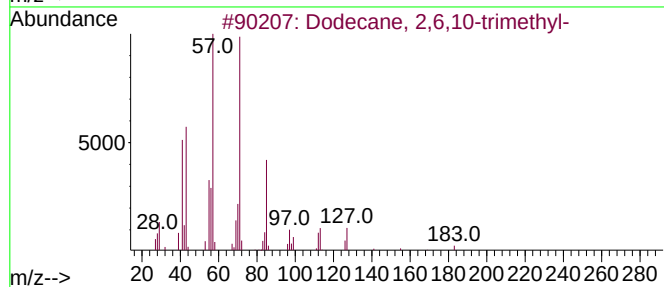
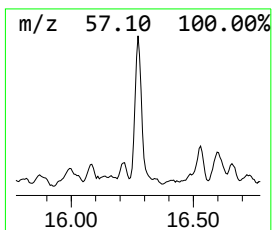
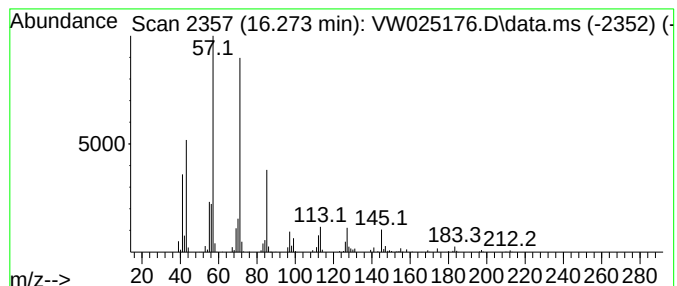
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Quant Title : SFAM01.0

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.273	17.08 ug/L	886724	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	87
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	81
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSM0

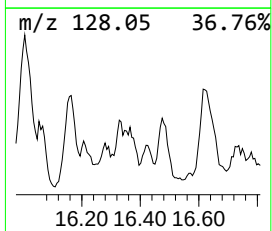
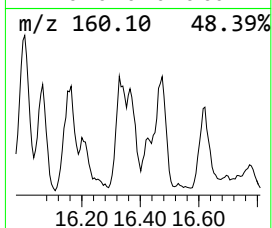
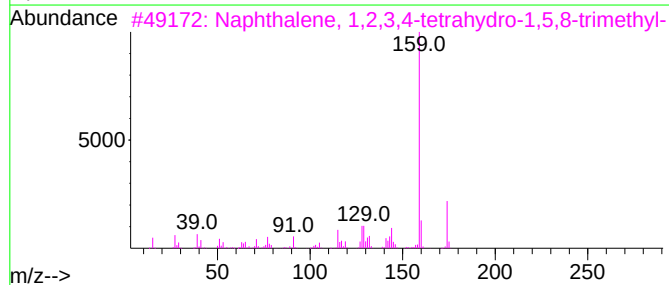
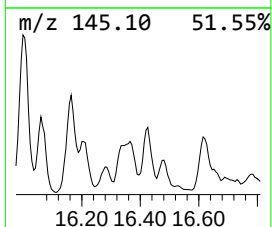
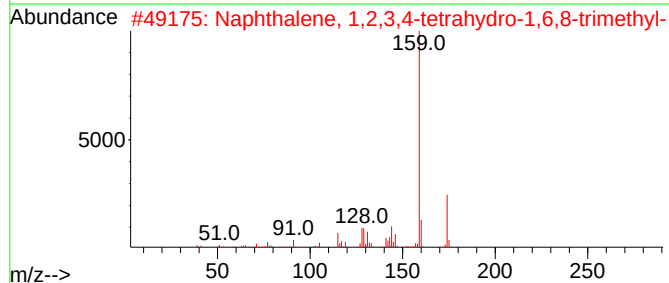
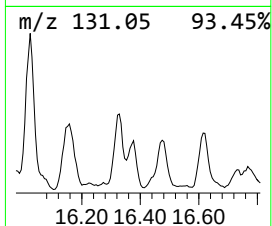
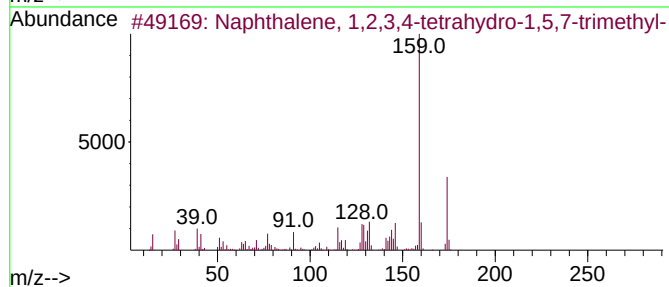
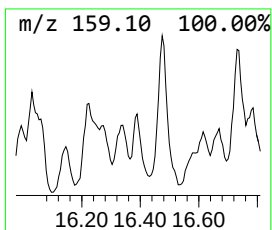
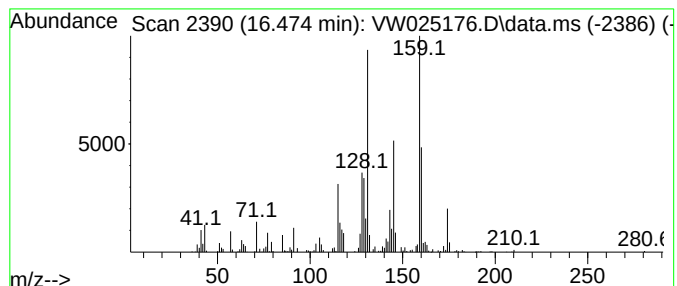
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Quant Title : SFAM01.0

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

Peak Number 42 unknown-07 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.474	5.87 ug/L	304571	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-55-0	46
2			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	41
3			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	38
4			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	38
5			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025176.D
Acq On : 23 Dec 2022 01:12
Operator : SY/MD
Sample : N6193-05
Misc : 5.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSM0

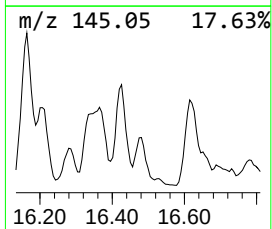
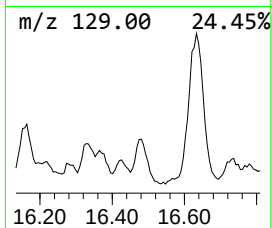
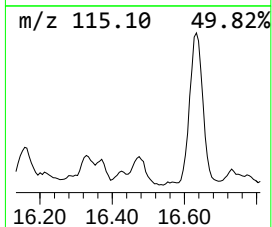
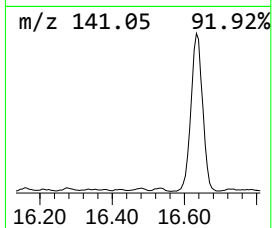
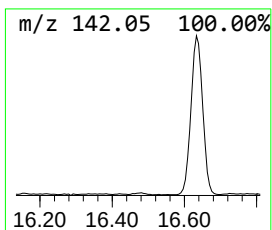
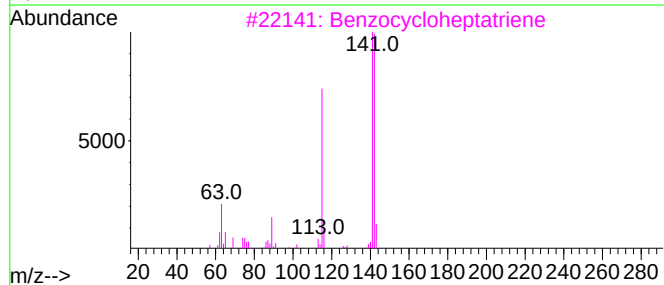
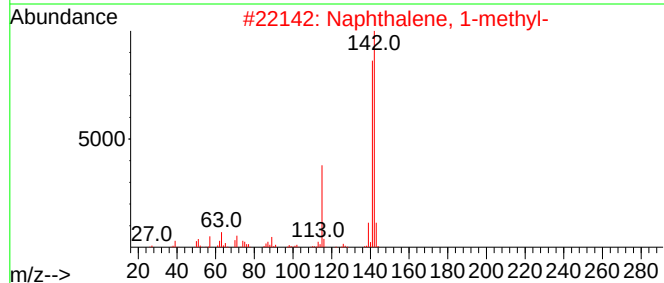
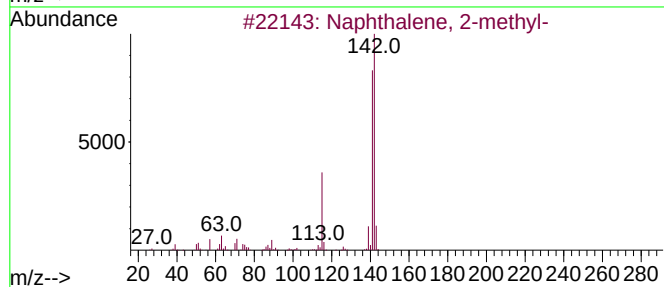
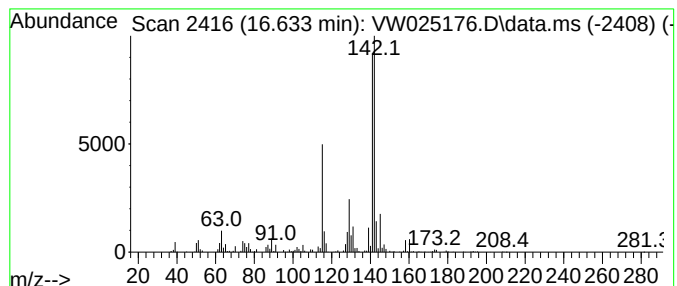
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Quant Title : SFAM01.0

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

Peak Number 43 Naphthalene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.633	43.36 ug/L	2250720	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3			Benzocycloheptatriene	142	C11H10	000264-09-5	90
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	81
5			Benzocycloheptatriene	142	C11H10	000264-09-5	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
 Data File : VW025176.D
 Acq On : 23 Dec 2022 01:12
 Operator : SY/MD
 Sample : N6193-05
 Misc : 5.08g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGSM0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	12.359	1.3	ug/L	66869	2	11.628	1323010	25.0
(DEL) Alkane: S...	12.780	1.9	ug/L	99920	3	13.554	1297580	25.0
(DEL) Alkane: S...	12.859	2.0	ug/L	104334	3	13.554	1297580	25.0
2-Hexenoic acid...	12.939	2.5	ug/L	130416	3	13.554	1297580	25.0
(DEL) Alkane: C...	13.073	1.4	ug/L	70013	3	13.554	1297580	25.0
(DEL) Alkane: S...	13.158	3.7	ug/L	192560	3	13.554	1297580	25.0
(DEL) Alkane: S...	13.286	1.6	ug/L	84364	3	13.554	1297580	25.0
(DEL) Alkane: C...	13.445	4.3	ug/L	224793	3	13.554	1297580	25.0
Benzene, 1,2-di...	13.707	2.5	ug/L	132004	3	13.554	1297580	25.0
unknown-01	14.012	1.5	ug/L	76778	3	13.554	1297580	25.0
Benzene, 1-meth...	14.091	7.5	ug/L	390000	3	13.554	1297580	25.0
Benzene, 1,2,4,...	14.194	7.2	ug/L	375273	3	13.554	1297580	25.0
Adamantane	14.255	7.4	ug/L	382374	3	13.554	1297580	25.0
o-Cymene	14.335	5.6	ug/L	290743	3	13.554	1297580	25.0
Naphthalene, de...	14.383	9.1	ug/L	470272	3	13.554	1297580	25.0
Benzene, 1,2,3,...	14.414	7.9	ug/L	411496	3	13.554	1297580	25.0
p-Cymene	14.451	1.9	ug/L	99041	3	13.554	1297580	25.0
Benzene, 1,3-di...	14.493	8.3	ug/L	431774	3	13.554	1297580	25.0
unknown-02	14.536	8.6	ug/L	443647	3	13.554	1297580	25.0
1,3-Benzenediol...	14.597	1.3	ug/L	66161	3	13.554	1297580	25.0
1H-Indene, 2,3-...	14.633	3.2	ug/L	168148	3	13.554	1297580	25.0
unknown-03	14.700	4.9	ug/L	256302	3	13.554	1297580	25.0
Benzene, 1-meth...	14.725	8.5	ug/L	442765	3	13.554	1297580	25.0
Benzene, 2-ethy...	14.792	31.6	ug/L	1641110	3	13.554	1297580	25.0
unknown-04	15.005	4.1	ug/L	211025	3	13.554	1297580	25.0
Benzene, 1,4-di...	15.060	24.9	ug/L	1293440	3	13.554	1297580	25.0
1H-Indene, 2,3-...	15.097	10.8	ug/L	559974	3	13.554	1297580	25.0
2,2-Dimethylind...	15.170	30.6	ug/L	1587360	3	13.554	1297580	25.0
(DEL) Alkane: S...	15.316	27.1	ug/L	1406420	3	13.554	1297580	25.0
unknown-05	15.463	14.9	ug/L	775538	3	13.554	1297580	25.0
unknown-06	15.511	7.4	ug/L	383655	3	13.554	1297580	25.0
1H-Indene, 2,3-...	15.645	32.4	ug/L	1683900	3	13.554	1297580	25.0
Benzene, 1,4-di...	15.719	8.6	ug/L	445155	3	13.554	1297580	25.0
1H-Indene, 2,3-...	15.938	9.8	ug/L	507741	3	13.554	1297580	25.0
1H-Indene, 2,3-...	16.011	19.7	ug/L	1023730	3	13.554	1297580	25.0
Benzene, 4-(2-b...	16.157	14.8	ug/L	770495	3	13.554	1297580	25.0
(DEL) Alkane: S...	16.273	17.1	ug/L	886724	3	13.554	1297580	25.0
unknown-07	16.474	5.9	ug/L	304571	3	13.554	1297580	25.0
Naphthalene, 2-...	16.633	43.4	ug/L	2250720	3	13.554	1297580	25.0