

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
 Data File : VW021152.D
 Acq On : 05 Dec 2021 06:13
 Operator : SY/VA
 Sample : M4868-07
 Misc : 7.87g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGKP2

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\SFAMWLM120321SMA.M
 Title : SFAM01.0

Signal : TIC: VW021152.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	39	41	45	rVB2	356	420	0.12%	0.008%
2	2.355	68	74	82	rVB	23768	39049	11.23%	0.737%
3	2.501	92	98	106	rBV	6567	13566	3.90%	0.256%
4	2.812	145	149	153	rBV2	730	1221	0.35%	0.023%
5	2.885	155	161	174	rVB	15757	31308	9.00%	0.591%
6	3.373	239	241	242	rBV	256	218	0.06%	0.004%
7	3.398	243	245	252	rVB2	452	564	0.16%	0.011%
8	3.910	324	329	331	rBV	90	192	0.06%	0.004%
9	4.019	337	347	359	rBV	30751	85097	24.47%	1.606%
10	4.135	359	366	380	rVB	5160	14082	4.05%	0.266%
11	4.385	399	407	417	rBV2	733	1985	0.57%	0.037%
12	4.678	451	455	456	rBV2	158	194	0.06%	0.004%
13	4.922	486	495	510	rVB5	4578	15309	4.40%	0.289%
14	5.440	574	580	588	rBV4	642	1888	0.54%	0.036%
15	5.793	630	638	646	rBV2	882	2461	0.71%	0.046%
16	5.946	656	663	670	rBB6	1312	3457	0.99%	0.065%
17	6.117	688	691	697	rBV3	283	612	0.18%	0.012%
18	6.903	807	820	828	rBV4	1708	5244	1.51%	0.099%
19	6.970	828	831	832	rBV	251	245	0.07%	0.005%
20	6.994	832	835	837	rVB4	487	611	0.18%	0.012%
21	7.086	841	850	859	rBV	7686	22911	6.59%	0.432%
22	7.257	871	878	891	rVB	4588	12164	3.50%	0.230%
23	7.653	931	943	954	rBV	54376	132259	38.03%	2.496%
24	7.927	982	988	997	rVB4	2200	5430	1.56%	0.102%
25	8.037	998	1006	1013	rBB5	1044	2254	0.65%	0.043%
26	8.159	1018	1026	1032	rBB3	2838	5924	1.70%	0.112%
27	8.281	1036	1046	1060	rBV2	99986	308613	88.75%	5.825%
28	8.421	1066	1069	1070	rBV3	573	712	0.20%	0.013%
29	8.543	1087	1089	1090	rBV	339	291	0.08%	0.005%
30	8.695	1110	1114	1123	rVB4	1501	3032	0.87%	0.057%
31	8.842	1129	1138	1149	rVB	88828	176583	50.78%	3.333%
32	9.073	1169	1176	1183	rBB2	3145	6095	1.75%	0.115%
33	9.153	1184	1189	1192	rBB2	287	490	0.14%	0.009%
34	9.226	1196	1201	1202	rBV	347	527	0.15%	0.010%
35	9.274	1202	1209	1216	rBV	74123	152879	43.96%	2.885%
36	9.384	1225	1227	1229	rBV2	782	916	0.26%	0.017%

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 Title : SFAM01.0

37	9.470	1239	1241	1245	rBV2	259	273	0.08%	0.005%
38	9.518	1245	1249	1252	rVV2	550	838	0.24%	0.016%
39	9.579	1255	1259	1260	rBV2	682	728	0.21%	0.014%
40	9.592	1260	1261	1262	rVV	667	460	0.13%	0.009%
41	9.610	1262	1264	1268	rVV2	1018	1201	0.35%	0.023%
42	9.659	1268	1272	1277	rVB2	603	1109	0.32%	0.021%
43	9.750	1282	1287	1294	rBB5	2185	4799	1.38%	0.091%
44	9.896	1304	1311	1316	rBV2	3319	7123	2.05%	0.134%
45	9.957	1316	1321	1324	rVV	4434	7775	2.24%	0.147%
46	10.037	1328	1334	1340	rVV	40560	72487	20.84%	1.368%
47	10.098	1340	1344	1355	rVB	7140	15107	4.34%	0.285%
48	10.213	1358	1363	1365	rBV3	1877	2980	0.86%	0.056%
49	10.323	1373	1381	1389	rBV	161344	291851	83.93%	5.508%
50	10.445	1397	1401	1403	rBV5	701	804	0.23%	0.015%
51	10.500	1403	1410	1417	rVB4	4791	12223	3.51%	0.231%
52	10.579	1417	1423	1430	rBV2	26388	47106	13.55%	0.889%
53	10.664	1432	1437	1447	rVB3	9016	15209	4.37%	0.287%
54	10.762	1447	1453	1457	rBV5	5992	11696	3.36%	0.221%
55	10.847	1463	1467	1472	rVB2	6298	10317	2.97%	0.195%
56	10.927	1472	1480	1486	rBV2	44302	85351	24.54%	1.611%
57	10.994	1489	1491	1493	rBV2	1622	1830	0.53%	0.035%
58	11.036	1494	1498	1501	rBV3	7719	11500	3.31%	0.217%
59	11.110	1506	1510	1513	rBV2	6386	9588	2.76%	0.181%
60	11.177	1517	1521	1525	rVV	21264	31757	9.13%	0.599%
61	11.231	1525	1530	1535	rVB	34714	56389	16.22%	1.064%
62	11.280	1535	1538	1542	rVB3	6460	8780	2.52%	0.166%
63	11.335	1543	1547	1551	rBV2	18047	28212	8.11%	0.532%
64	11.408	1552	1559	1560	rBV3	12049	20942	6.02%	0.395%
65	11.433	1561	1563	1571	rVB	24099	38099	10.96%	0.719%
66	11.512	1571	1576	1587	rBV2	20689	39330	11.31%	0.742%
67	11.628	1588	1595	1604	rBV	139461	248292	71.40%	4.686%
68	11.731	1606	1612	1616	rBV	58628	98497	28.32%	1.859%
69	11.835	1621	1629	1632	rBV	71402	152091	43.74%	2.870%
70	11.872	1633	1635	1639	rVB	42902	52364	15.06%	0.988%
71	11.975	1648	1652	1654	rBV4	6567	10331	2.97%	0.195%
72	12.061	1659	1666	1671	rVB4	17527	40796	11.73%	0.770%
73	12.140	1671	1679	1690	rBV5	79047	267356	76.88%	5.046%
74	12.250	1694	1697	1701	rVB	62464	86685	24.93%	1.636%
75	12.341	1701	1712	1716	rBV4	70207	228202	65.62%	4.307%
76	12.463	1728	1732	1736	rBV2	27058	44082	12.68%	0.832%

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 Title : SFAM01.0

77	12.695	1764	1770	1775	rBV	85404	159054	45.74%	3.002%
78	12.780	1780	1784	1791	rVB3	65158	146672	42.18%	2.768%
79	12.859	1791	1797	1801	rBV4	34010	73411	21.11%	1.386%
80	12.938	1806	1810	1815	rVB3	70941	132385	38.07%	2.499%
81	13.079	1829	1833	1836	rBV2	30854	51948	14.94%	0.980%
82	13.164	1843	1847	1855	rVB3	60244	102422	29.45%	1.933%
83	13.249	1857	1861	1865	rVV	63740	92939	26.73%	1.754%
84	13.292	1865	1868	1872	rVB2	21187	25601	7.36%	0.483%
85	13.554	1906	1911	1928	rVB3	162941	347750	100.00%	6.563%
86	13.749	1939	1943	1947	rVB	34524	51681	14.86%	0.975%
87	13.853	1955	1960	1968	rVB2	138165	305120	87.74%	5.759%
88	14.200	2011	2017	2021	rBV4	33130	61640	17.73%	1.163%
89	14.261	2021	2027	2033	rVB5	24145	48964	14.08%	0.924%
90	14.328	2033	2038	2043	rBV6	15539	31618	9.09%	0.597%
91	14.383	2043	2047	2050	rBV3	30380	52830	15.19%	0.997%
92	14.493	2062	2065	2069	rBV	12582	20120	5.79%	0.380%
93	14.725	2100	2103	2108	rVB	14300	21060	6.06%	0.397%
94	15.060	2155	2158	2164	rBV5	8433	14215	4.09%	0.268%
95	15.359	2196	2207	2214	rBV	130924	262336	75.44%	4.951%
96	15.651	2247	2255	2261	rBV5	11081	29957	8.61%	0.565%
97	15.944	2299	2303	2308	rVB4	7032	11733	3.37%	0.221%
98	16.365	2369	2372	2378	rVB2	9668	16714	4.81%	0.315%
99	16.438	2378	2384	2396	rBV3	20623	59322	17.06%	1.120%
100	16.639	2409	2417	2430	rVB	25482	65610	18.87%	1.238%

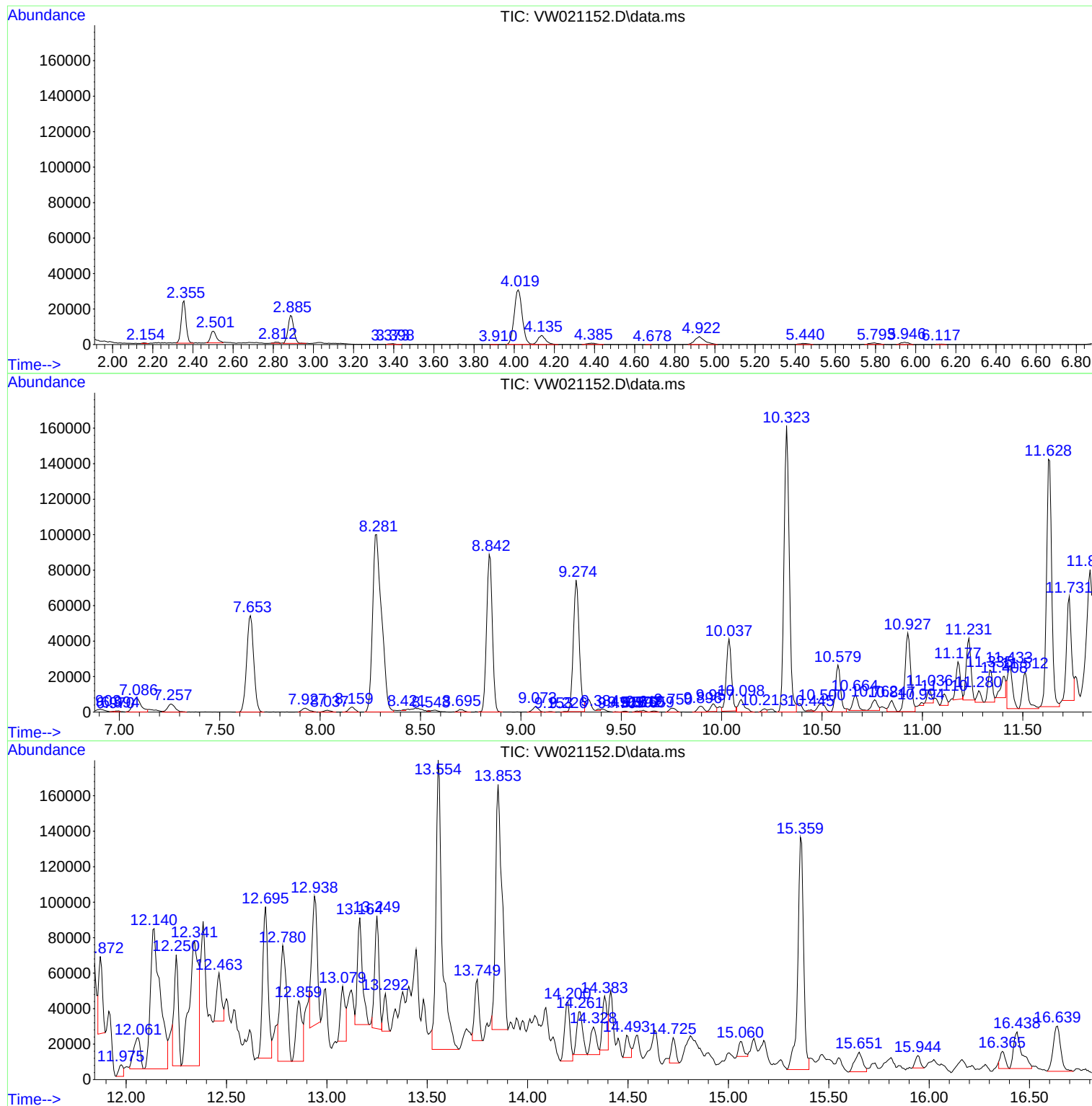
Sum of corrected areas: 5298465

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Instrument :
MSVOA_W
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
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Instrument :
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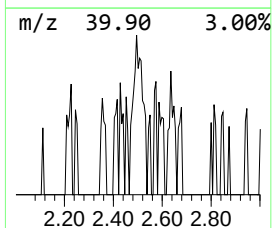
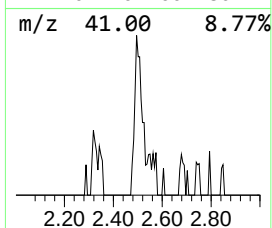
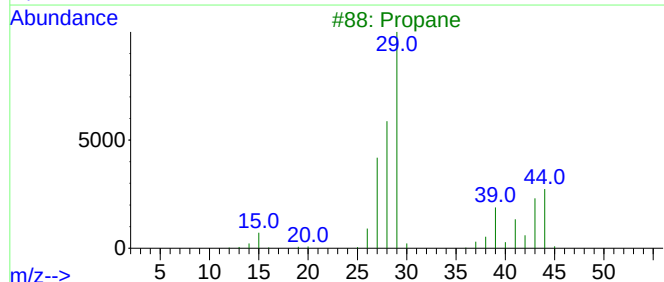
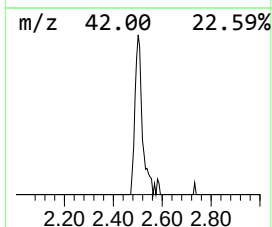
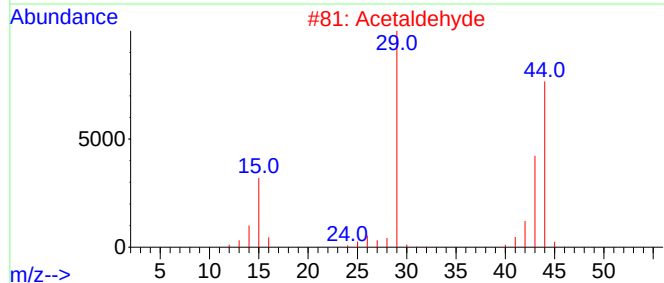
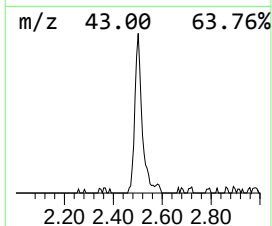
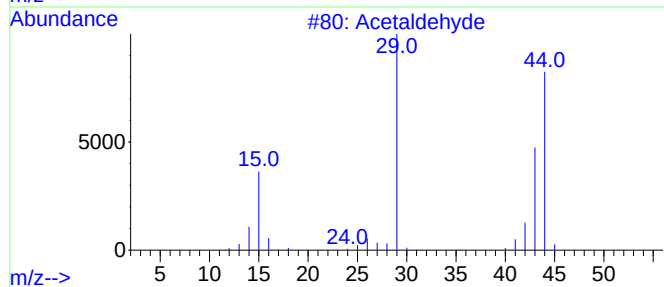
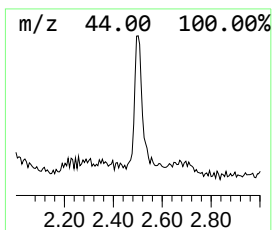
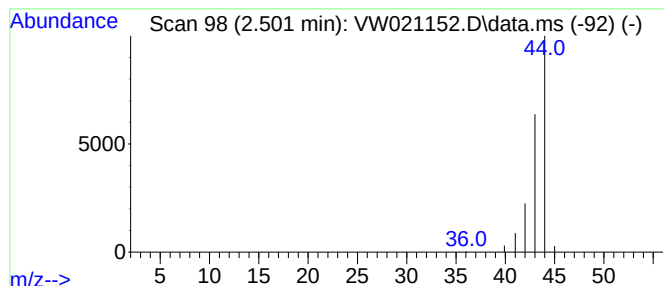
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 unknown-01 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.501	1.92 ug/L	13566	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	9
2			Acetaldehyde	44	C2H4O	000075-07-0	9
3			Propane	44	C3H8	000074-98-6	5
4			Ethylene oxide	44	C2H4O	000075-21-8	5
5			Ethylene oxide	44	C2H4O	000075-21-8	5



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Instrument :
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ClientSampleId :
BGKP2

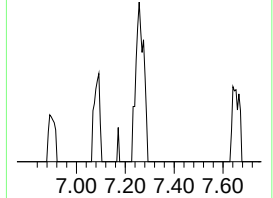
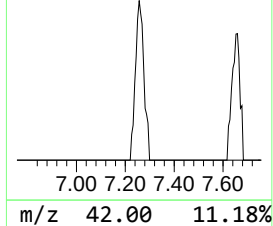
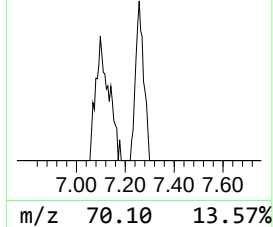
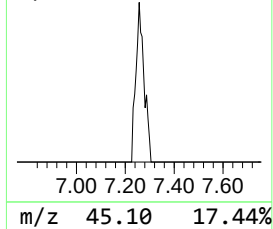
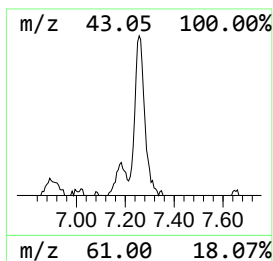
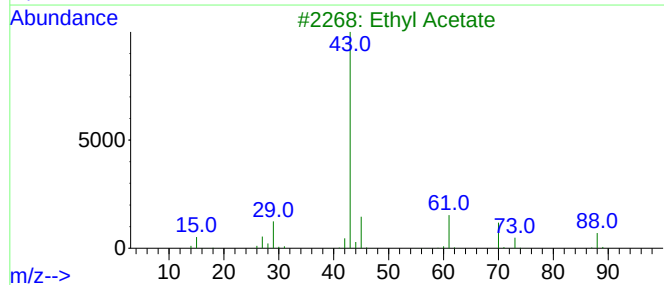
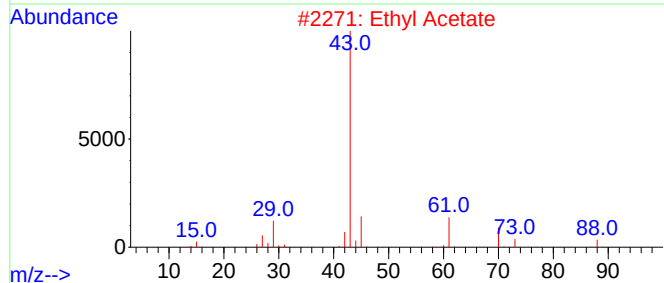
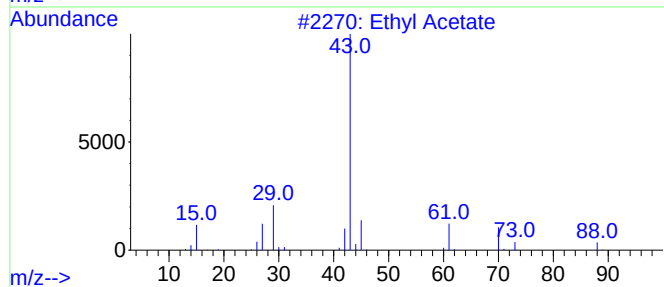
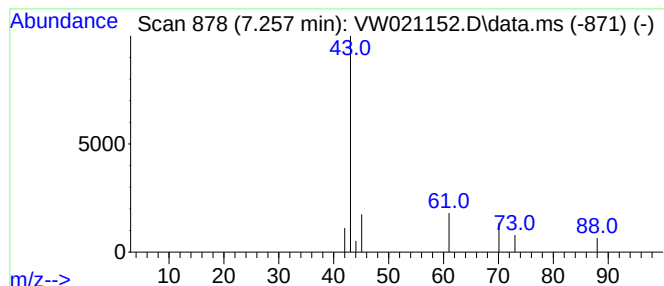
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Ethyl Acetate Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.257	1.72 ug/L	12164	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl Acetate	88	C4H8O2	000141-78-6	90
2			Ethyl Acetate	88	C4H8O2	000141-78-6	83
3			Ethyl Acetate	88	C4H8O2	000141-78-6	83
4			Ethyl Acetate	88	C4H8O2	000141-78-6	83
5			CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	59



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Instrument :
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ClientSampleId :
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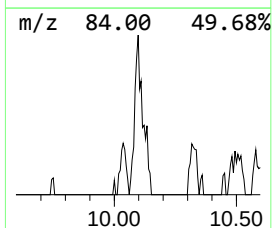
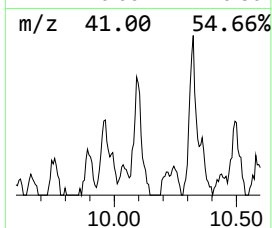
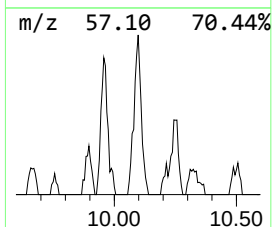
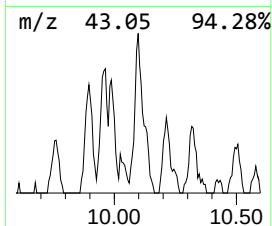
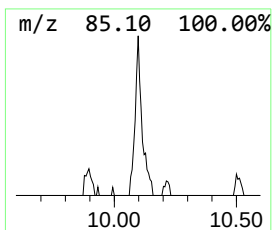
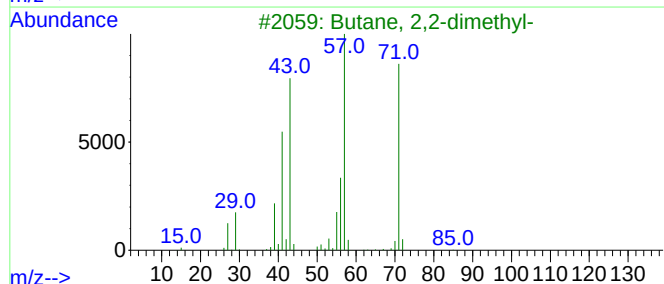
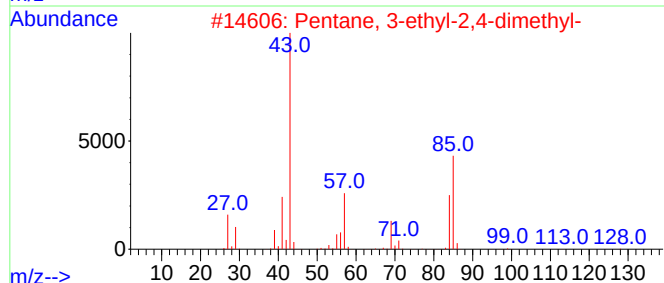
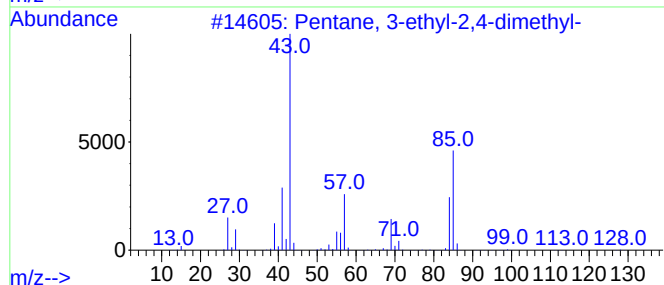
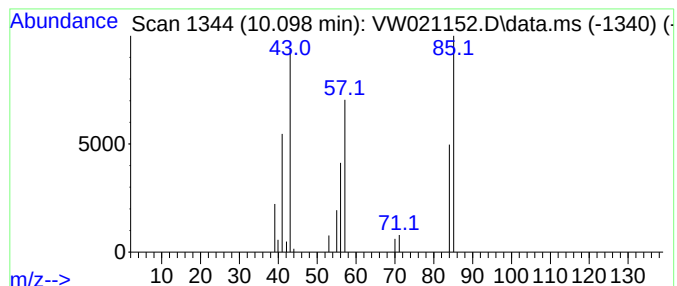
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.098	2.14 ug/L	15107	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	72
2			Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	50
3			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	10
4			2-Butene, (Z)-	56	C4H8	000590-18-1	10
5			1-Propene, 2-methyl-	56	C4H8	000115-11-7	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021152.D
Acq On : 05 Dec 2021 06:13
Operator : SY/VA
Sample : M4868-07
Misc : 7.87g/10.0mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGKP2

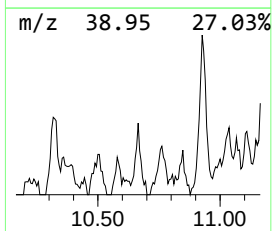
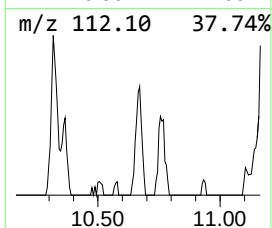
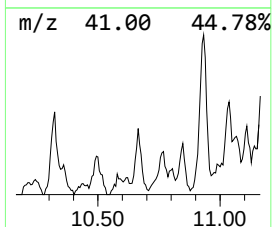
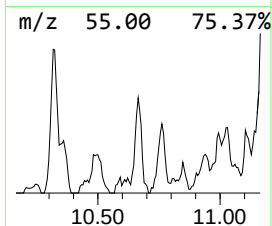
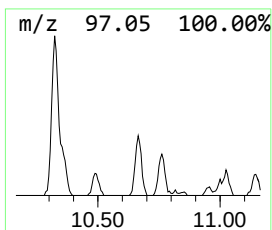
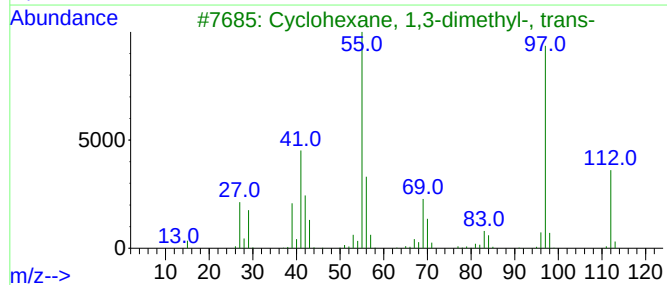
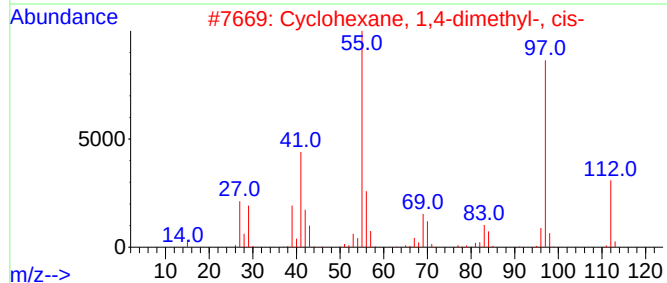
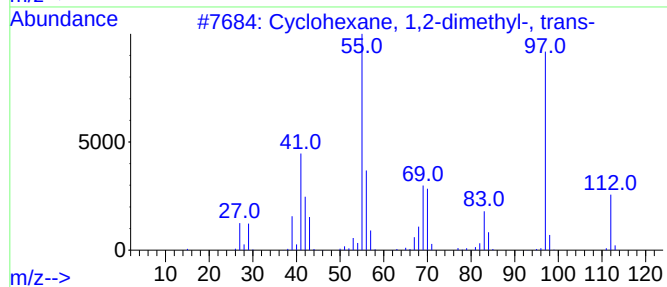
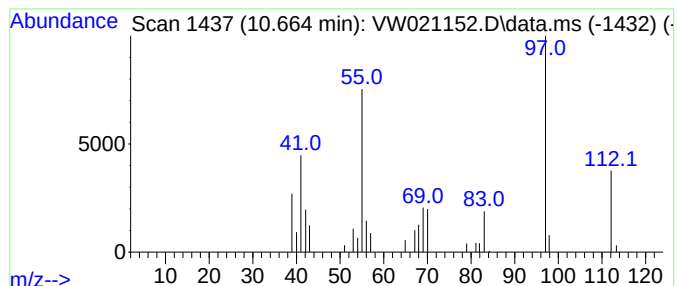
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic10.665 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.665	1.53 ug/L	15209	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	90
2			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	74
3			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	72
4			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	64
5			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021152.D
Acq On : 05 Dec 2021 06:13
Operator : SY/VA
Sample : M4868-07
Misc : 7.87g/10.0mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGKP2

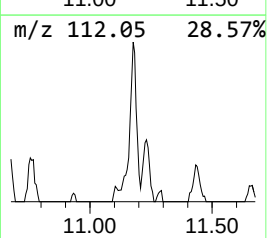
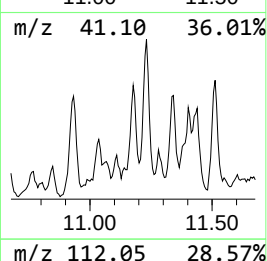
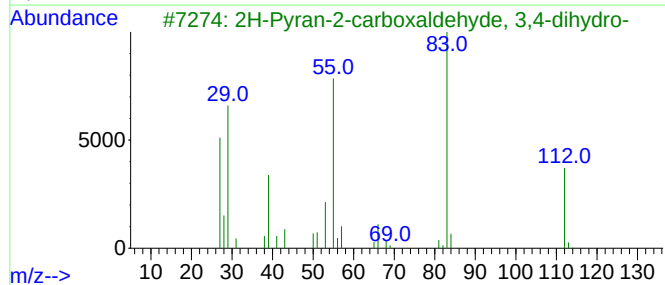
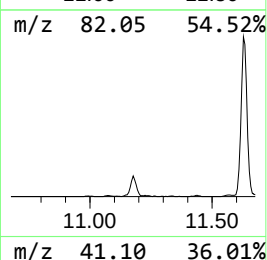
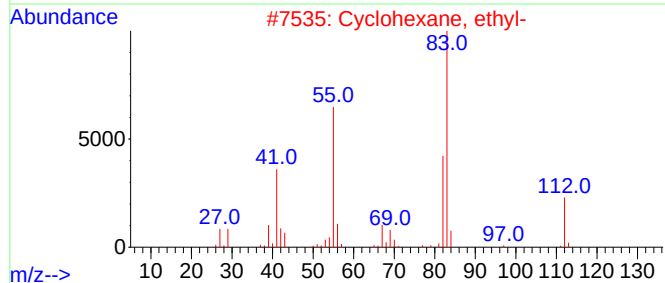
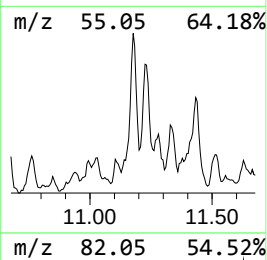
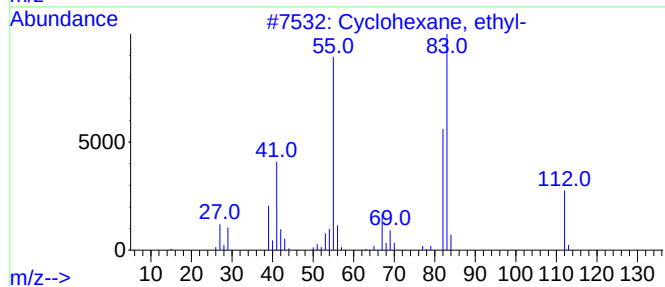
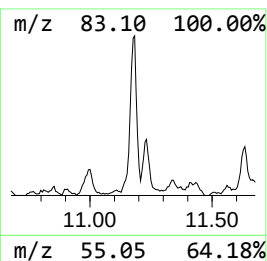
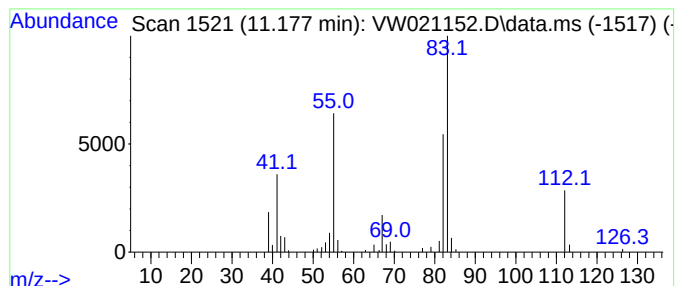
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Cyclic11.177 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.177	3.20 ug/L	31757	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
3			2H-Pyran-2-carboxaldehyde, 3,4-d...	112	C6H8O2	000100-73-2	58
4			2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	53
5			3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021152.D
Acq On : 05 Dec 2021 06:13
Operator : SY/VA
Sample : M4868-07
Misc : 7.87g/10.0mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGKP2

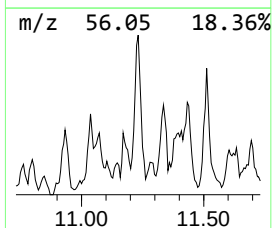
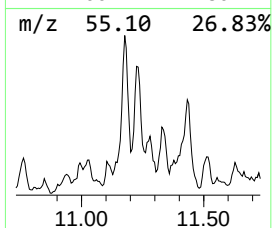
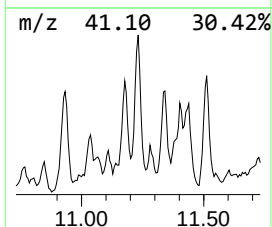
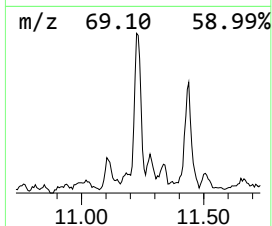
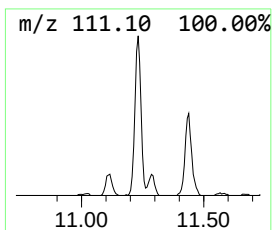
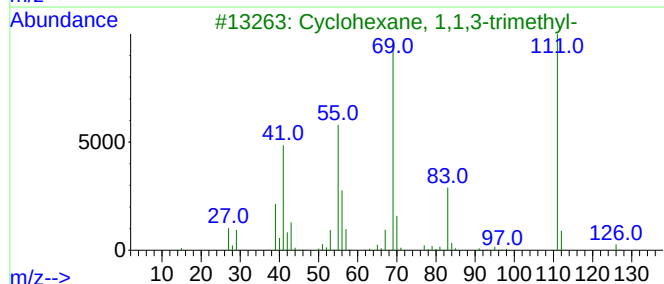
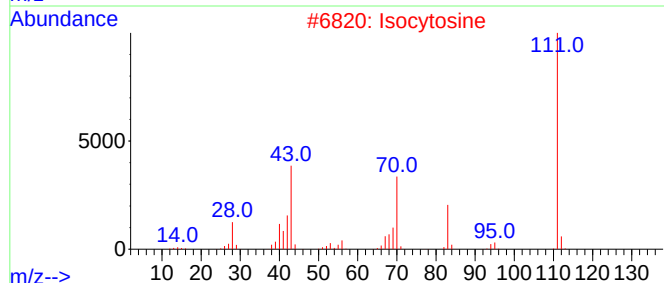
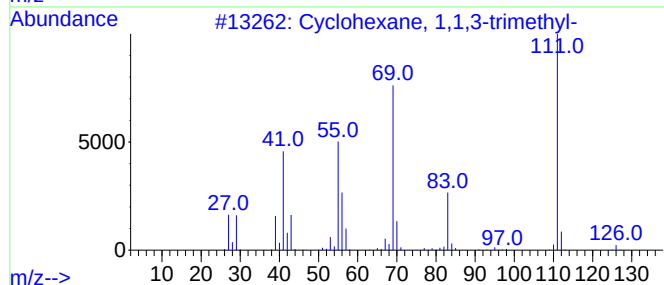
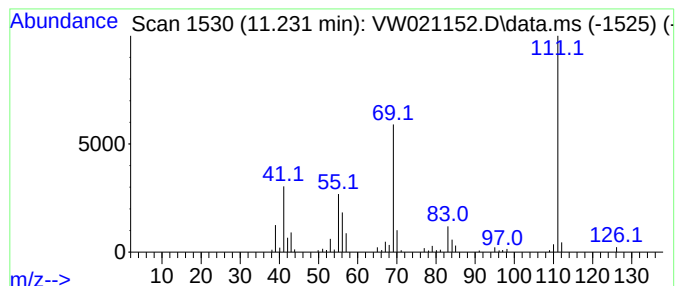
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Cyclic11.232 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.232	5.68 ug/L	56389	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	80
2			Isocytosine	111	C4H5N3O	000108-53-2	59
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	52
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	52
5			Cyclohexane, 1,4-dimethyl-2-octa...	364	C26H52	055282-02-5	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021152.D
Acq On : 05 Dec 2021 06:13
Operator : SY/VA
Sample : M4868-07
Misc : 7.87g/10.0mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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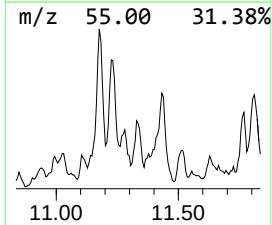
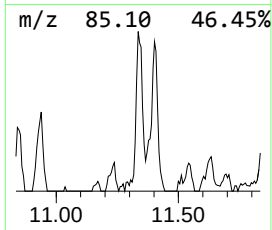
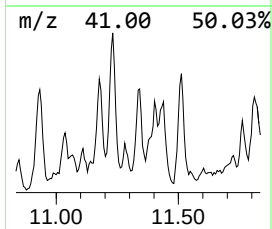
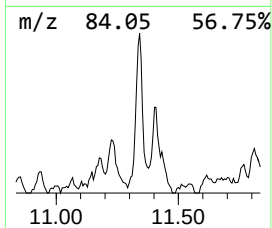
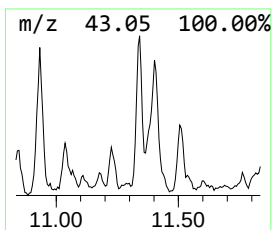
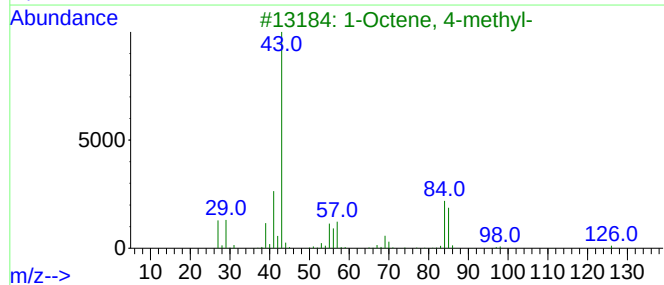
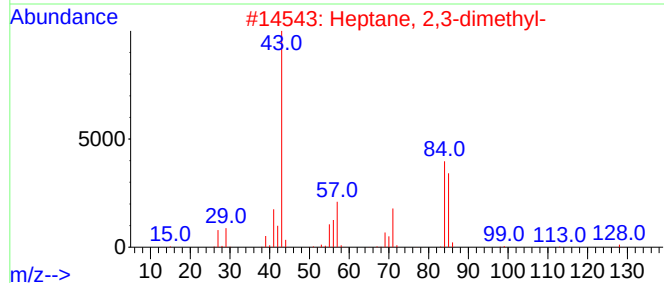
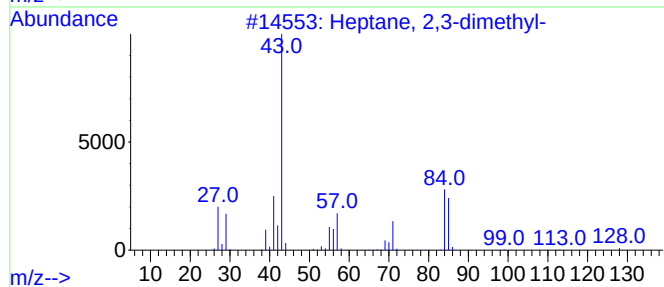
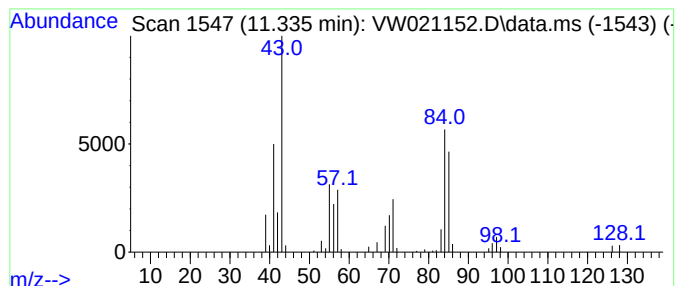
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.335	2.84 ug/L	28212	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	83
2			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	83
3			1-Octene, 4-methyl-	126	C9H18	013151-12-7	64
4			Hexanal, 3,3-dimethyl-	128	C8H16O	055320-57-5	50
5			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021152.D
Acq On : 05 Dec 2021 06:13
Operator : SY/VA
Sample : M4868-07
Misc : 7.87g/10.0mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

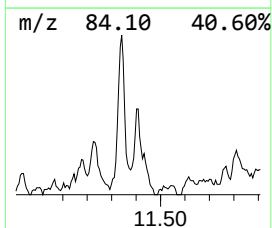
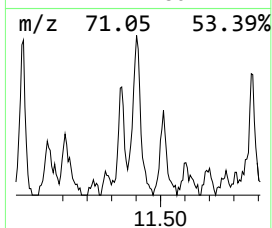
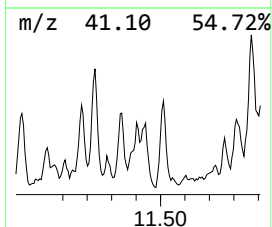
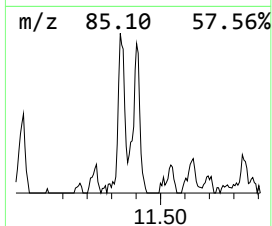
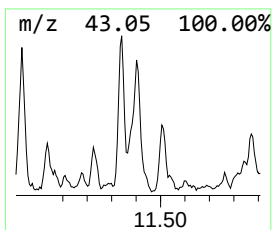
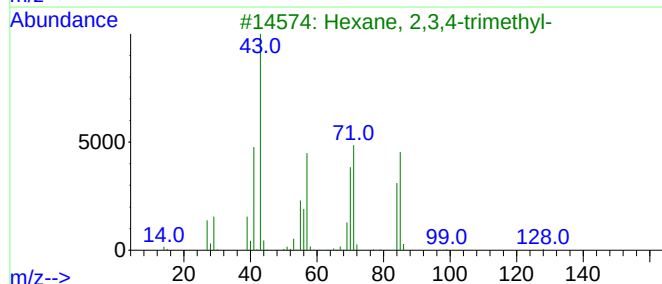
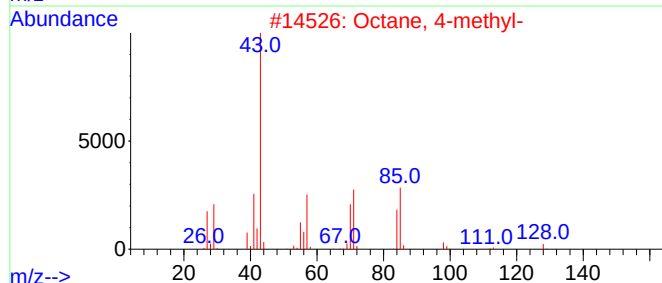
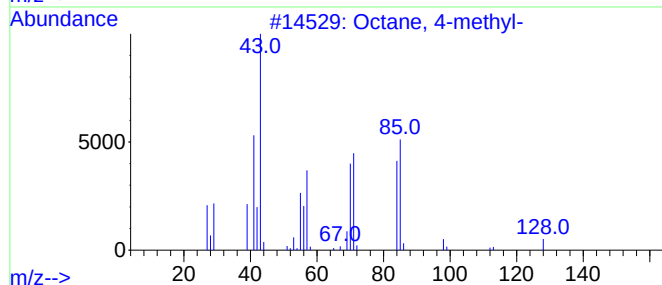
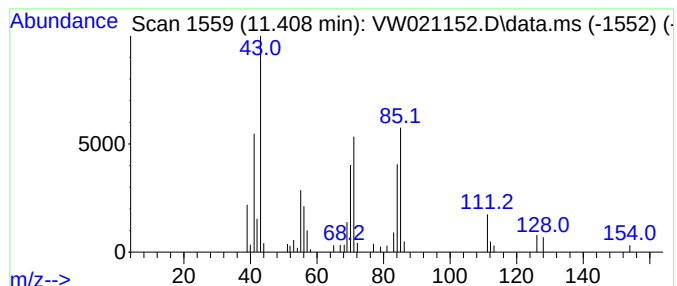
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.408	2.11 ug/L	20942	Chlorobenzene-d5		11.634	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-		128	C9H20	002216-34-4	90
2	Octane, 4-methyl-		128	C9H20	002216-34-4	80
3	Hexane, 2,3,4-trimethyl-		128	C9H20	000921-47-1	80
4	Undecane, 5,7-dimethyl-		184	C13H28	017312-83-3	47
5	Hexane, 2,3,5-trimethyl-		128	C9H20	001069-53-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021152.D
Acq On : 05 Dec 2021 06:13
Operator : SY/VA
Sample : M4868-07
Misc : 7.87g/10.0mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGKP2

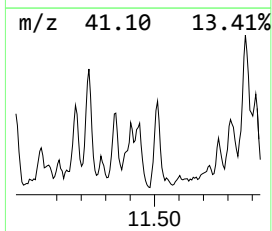
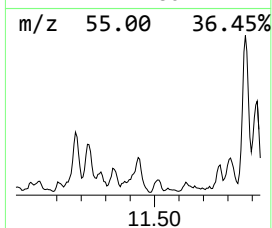
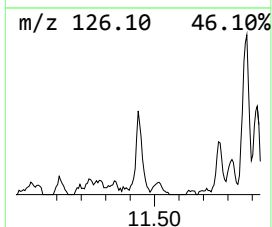
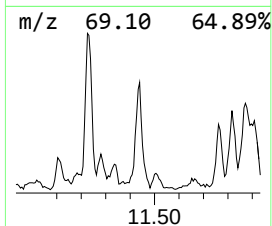
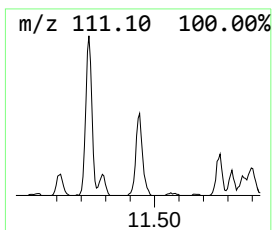
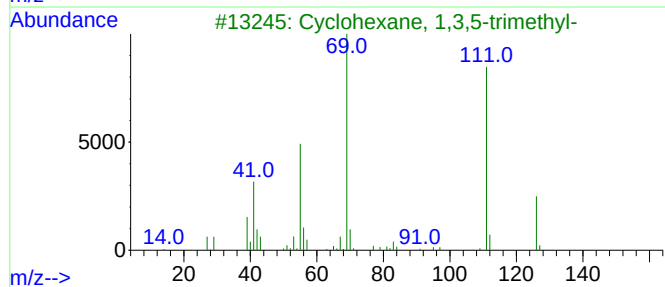
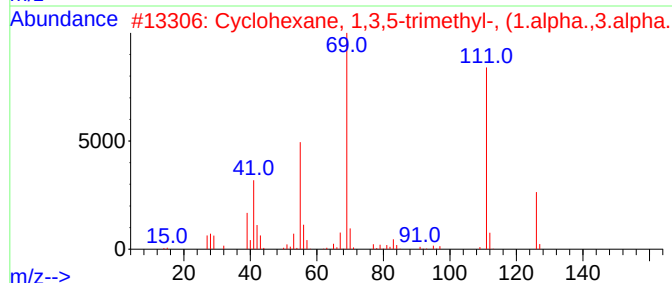
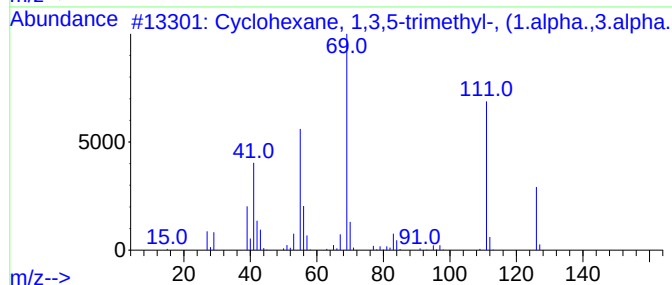
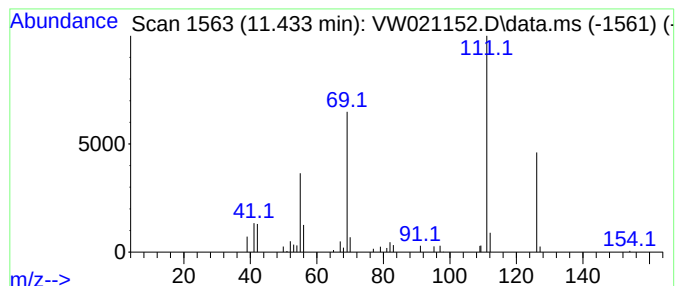
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Cyclic11.433 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.433	3.84 ug/L	38099	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	91
2			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	91
3			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90
4			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	83
5			Ethanone, 1-(3-thienyl)-	126	C6H6OS	001468-83-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021152.D
Acq On : 05 Dec 2021 06:13
Operator : SY/VA
Sample : M4868-07
Misc : 7.87g/10.0mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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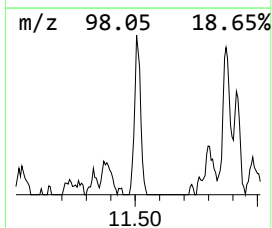
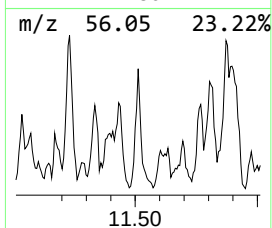
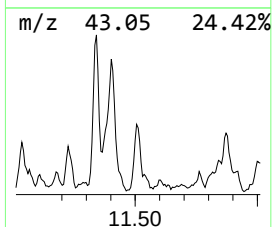
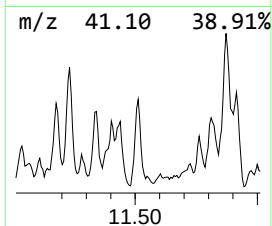
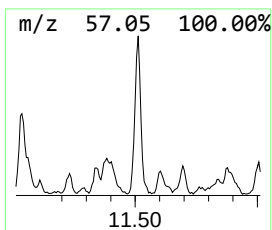
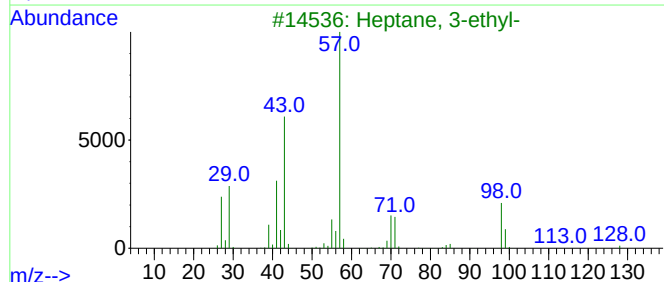
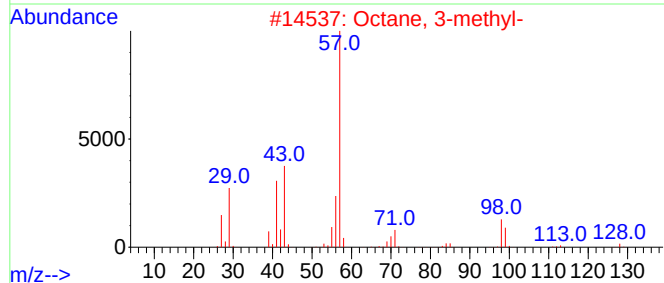
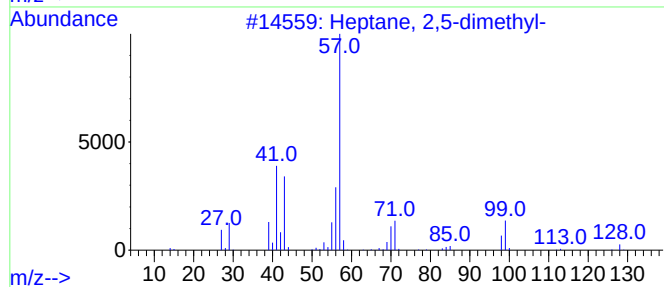
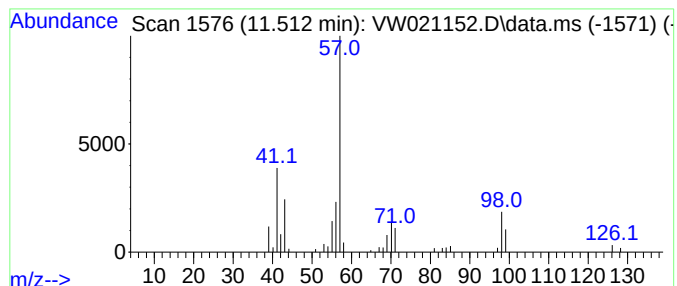
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.512	3.96 ug/L	39330	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
2		Octane, 3-methyl-	128	C9H20	002216-33-3	83
3		Heptane, 3-ethyl-	128	C9H20	015869-80-4	76
4		Octane, 3-methyl-	128	C9H20	002216-33-3	72
5		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021152.D
Acq On : 05 Dec 2021 06:13
Operator : SY/VA
Sample : M4868-07
Misc : 7.87g/10.0mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGKP2

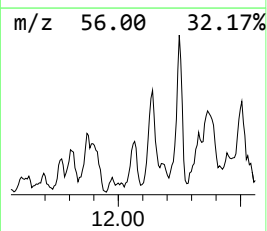
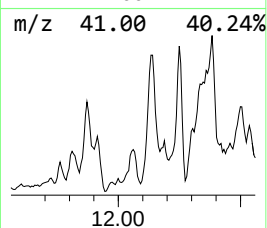
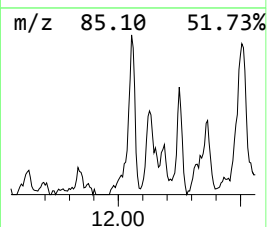
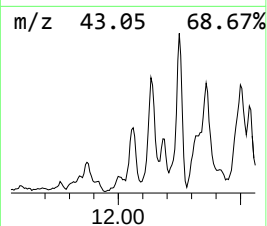
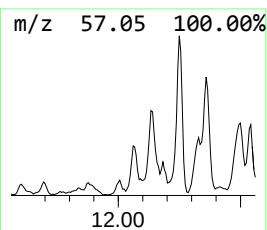
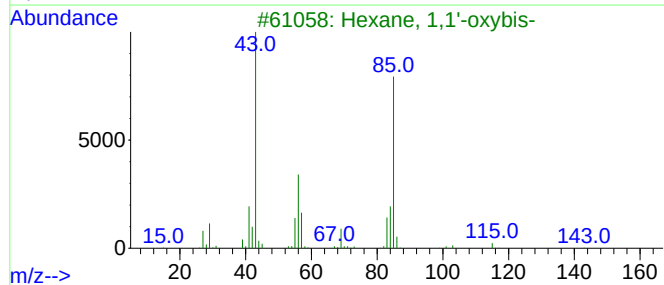
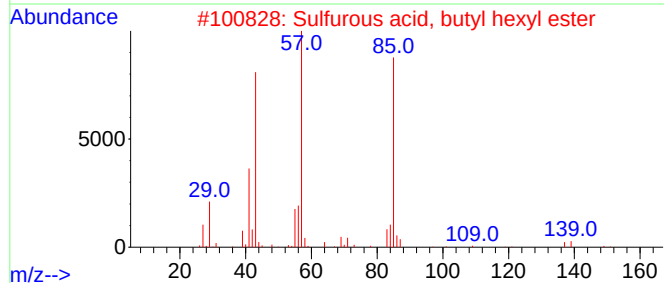
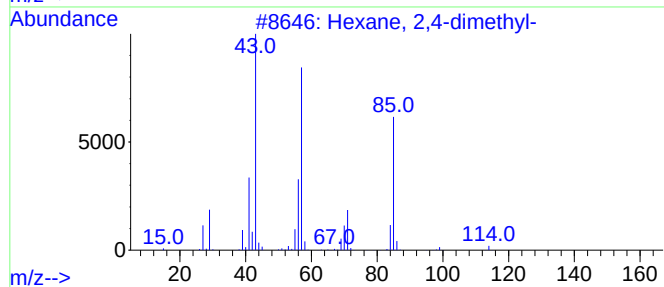
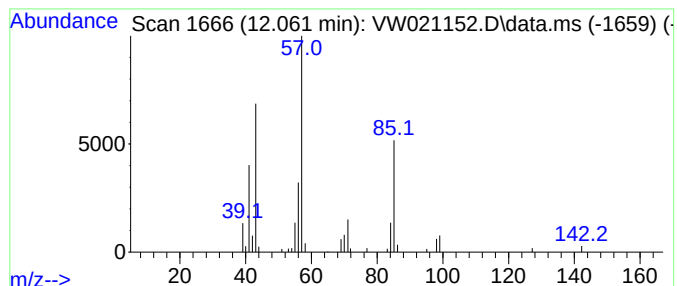
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.061	4.11 ug/L	40796	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
2			Sulfurous acid, butyl hexyl ester	222	C10H22O3S	1000309-17-3	59
3			Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	53
4			2,2-Dimethyl-3-heptanone	142	C9H18O	019078-97-8	53
5			2,2-Dimethyl-3-heptanone	142	C9H18O	019078-97-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021152.D
Acq On : 05 Dec 2021 06:13
Operator : SY/VA
Sample : M4868-07
Misc : 7.87g/10.0mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGKP2

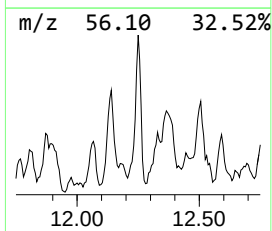
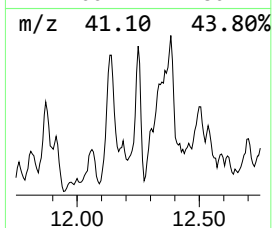
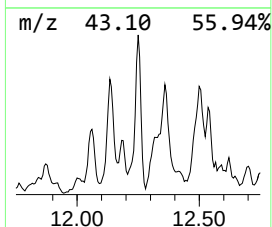
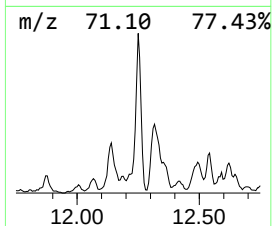
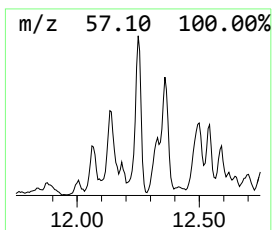
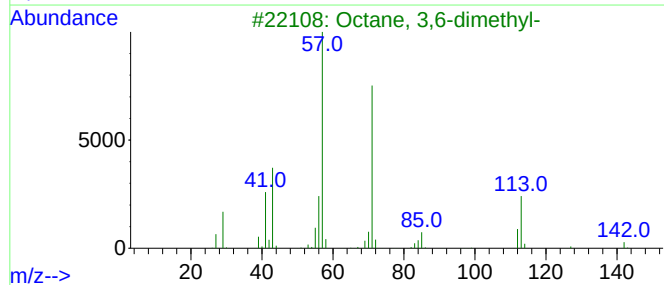
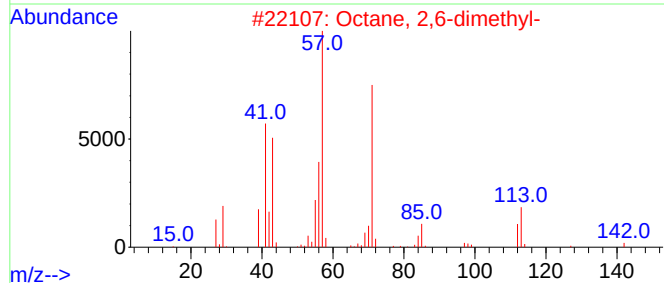
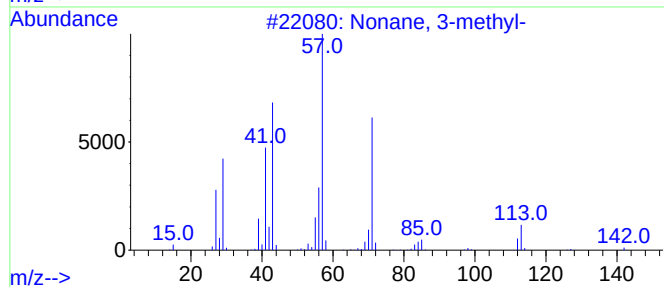
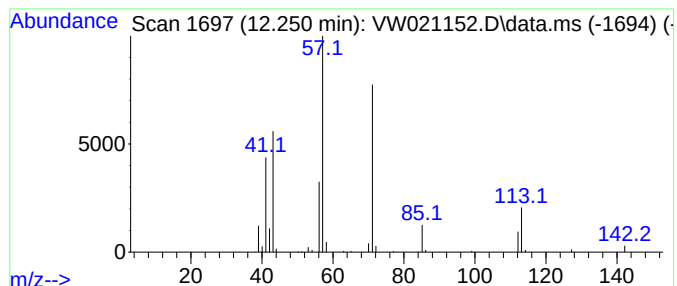
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.250	8.73 ug/L	86685	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	90
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
4			Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	59
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021152.D
Acq On : 05 Dec 2021 06:13
Operator : SY/VA
Sample : M4868-07
Misc : 7.87g/10.0mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGKP2

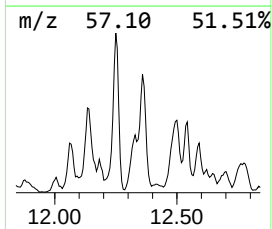
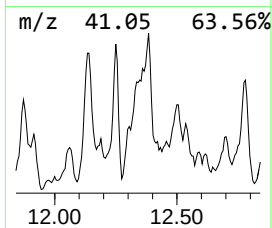
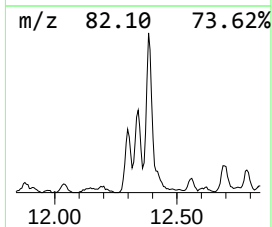
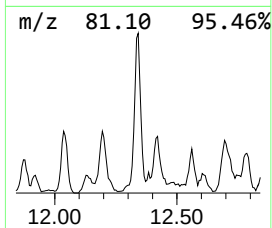
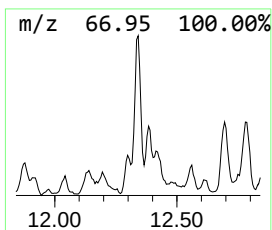
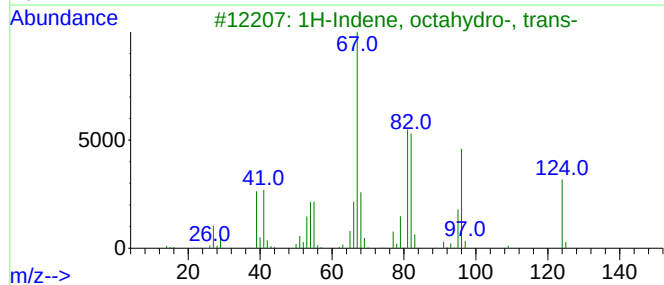
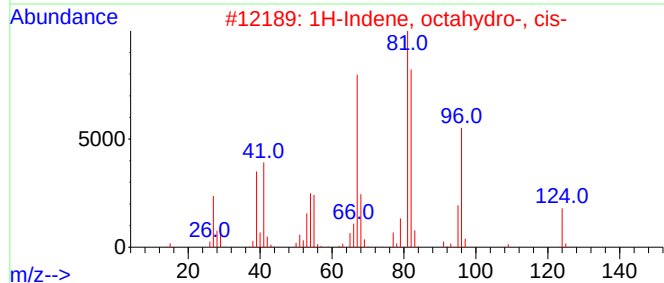
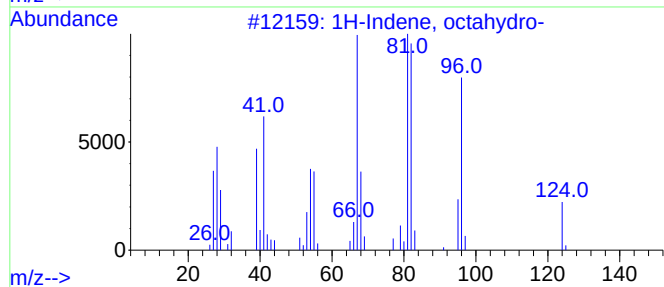
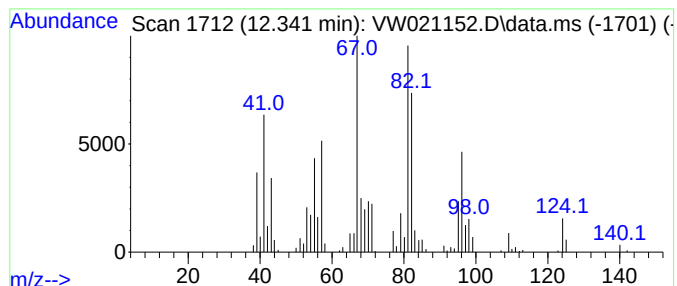
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Quant Title : SFAM01.0

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

Peak Number 15 1H-Indene, octahydro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.341	22.98 ug/L	228202	Chlorobenzene-d5		11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, octahydro-	124	C9H16	000496-10-6	64
2		1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	62
3		1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	52
4		Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	50
5		Cyclohexene, 4-propyl-	124	C9H16	013487-64-4	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021152.D
Acq On : 05 Dec 2021 06:13
Operator : SY/VA
Sample : M4868-07
Misc : 7.87g/10.0mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

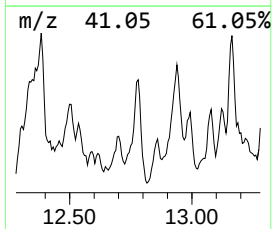
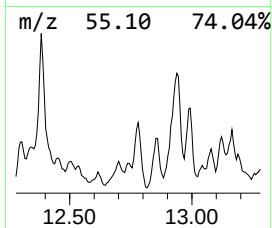
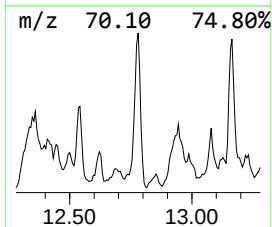
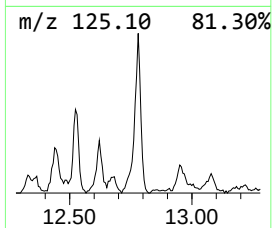
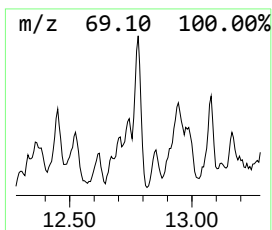
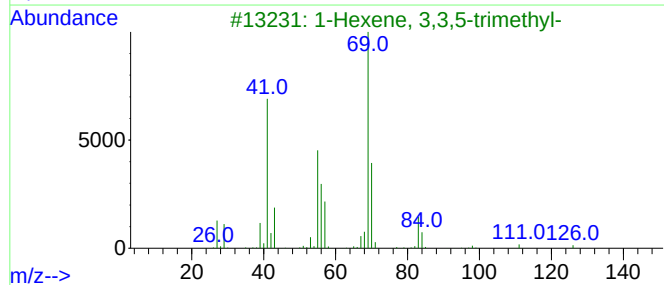
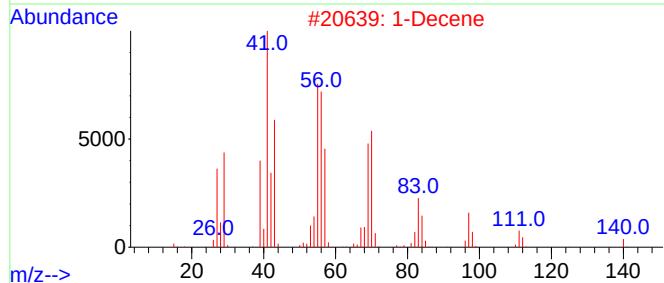
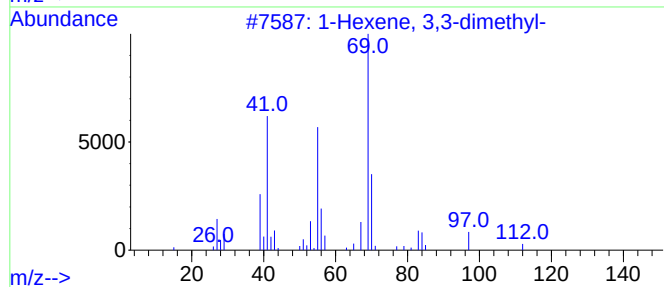
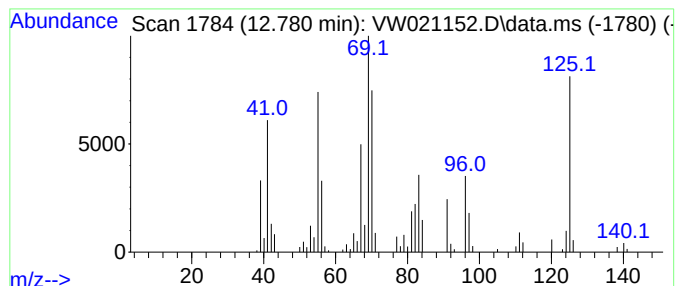
Instrument :
MSVOA_W
ClientSampleId :
BGKP2

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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.780	10.54 ug/L	146672	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Hexene, 3,3-dimethyl-		112	C8H16	003404-77-1	25
2	1-Decene		140	C10H20	000872-05-9	25
3	1-Hexene, 3,3,5-trimethyl-		126	C9H18	013427-43-5	22
4	2-Pentene, 3-methyl-		84	C6H12	000922-61-2	18
5	4-Methyl-2-heptene		112	C8H16	003404-56-6	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021152.D
Acq On : 05 Dec 2021 06:13
Operator : SY/VA
Sample : M4868-07
Misc : 7.87g/10.0mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGKP2

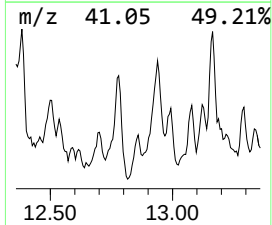
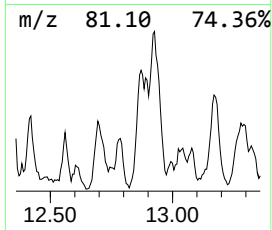
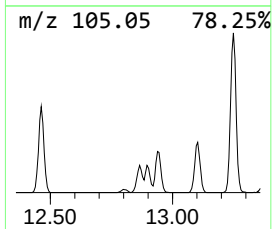
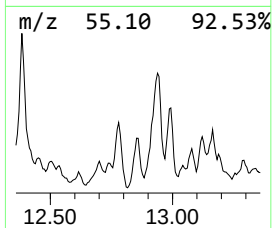
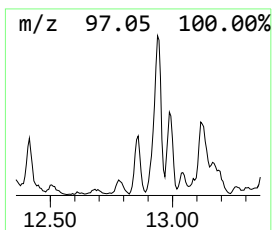
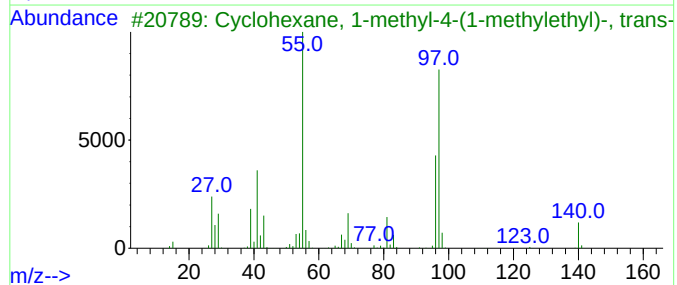
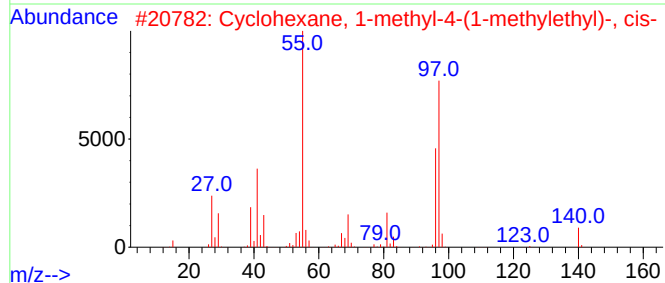
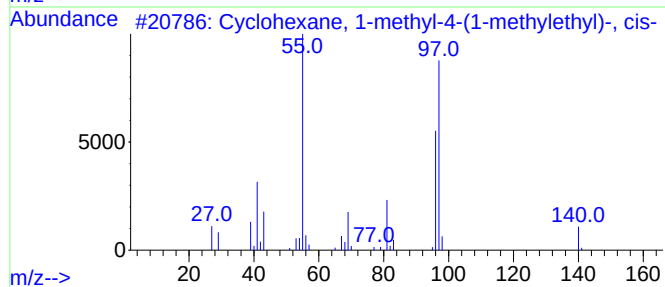
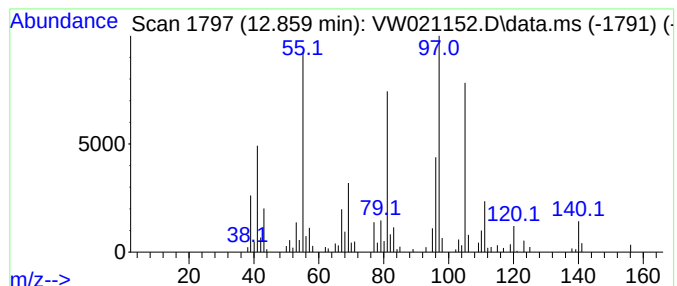
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Cyclic12.859 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	5.28 ug/L	73411	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	43
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	43
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	38
4			Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	38
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021152.D
Acq On : 05 Dec 2021 06:13
Operator : SY/VA
Sample : M4868-07
Misc : 7.87g/10.0mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGKP2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
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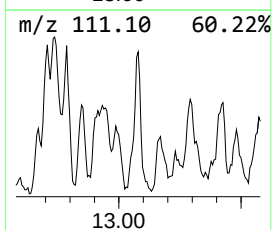
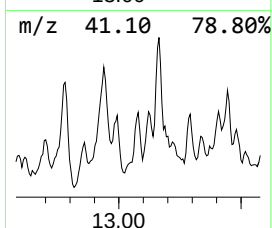
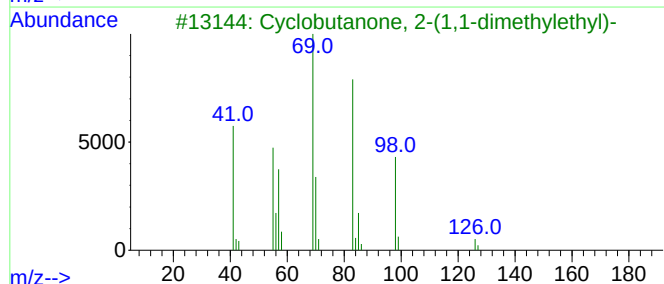
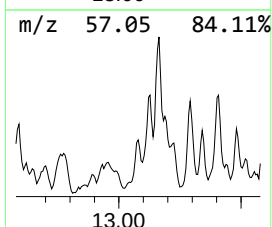
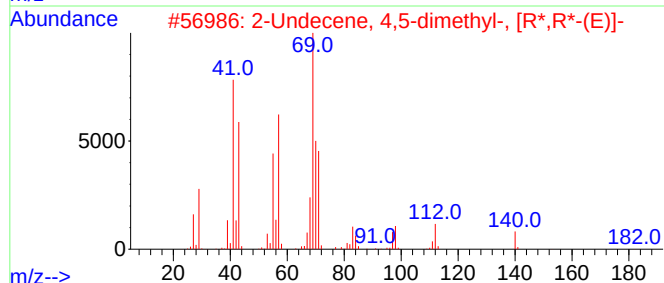
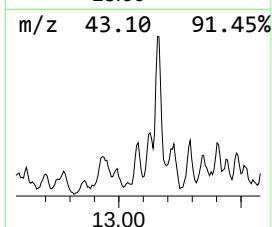
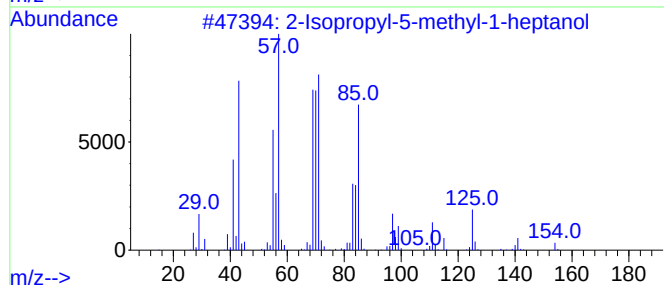
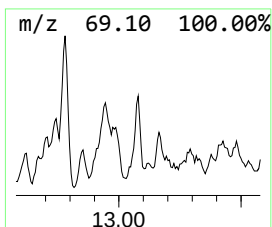
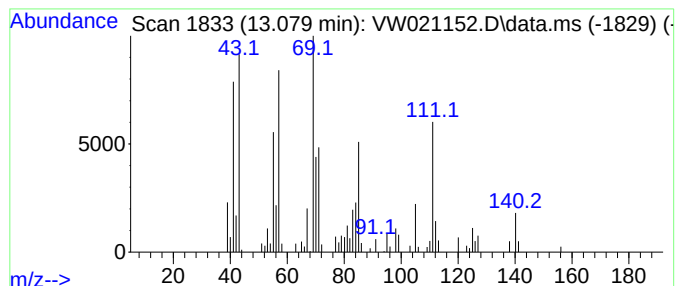
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TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown-02

Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.079	3.73 ug/L	51948	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Isopropyl-5-methyl-1-heptanol	172	C11H24O	091337-07-4	43		
2	2-Undecene, 4,5-dimethyl-, [R*,R...]	182	C13H26	055170-92-8	43		
3	Cyclobutanone, 2-(1,1-dimethylet...	126	C8H14O	004579-31-1	38		
4	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	38		
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	35		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021152.D
Acq On : 05 Dec 2021 06:13
Operator : SY/VA
Sample : M4868-07
Misc : 7.87g/10.0mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGKP2

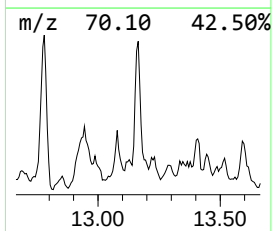
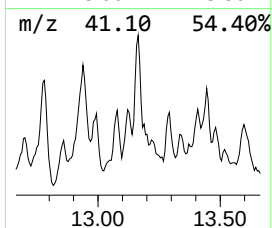
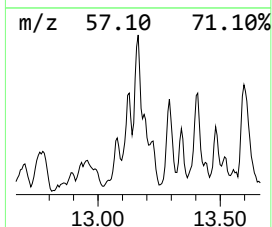
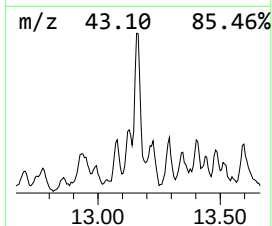
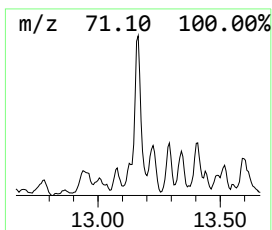
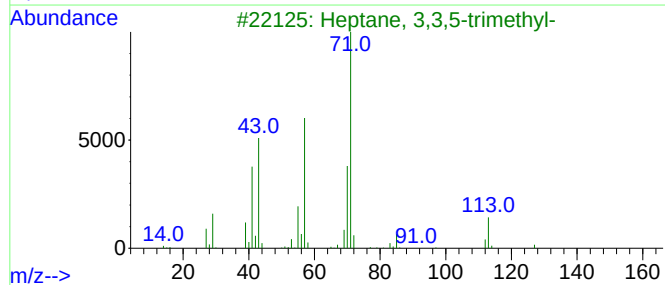
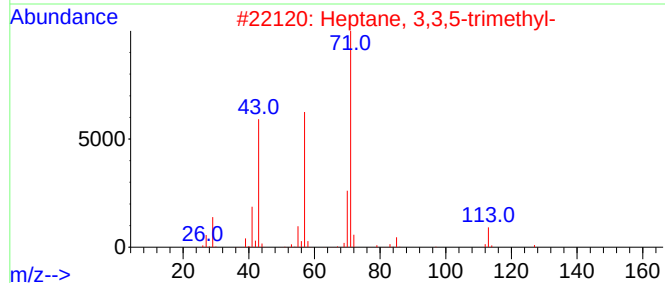
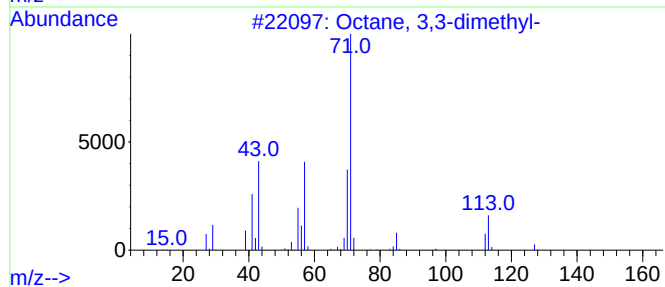
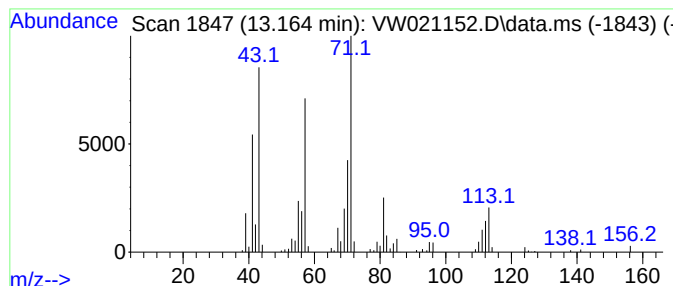
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	7.36 ug/L	102422	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
2			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	53
3			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	53
4			Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	50
5			Propanoic acid, 2-methyl-, 2-met...	158	C9H18O2	002445-69-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021152.D
Acq On : 05 Dec 2021 06:13
Operator : SY/VA
Sample : M4868-07
Misc : 7.87g/10.0mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGKP2

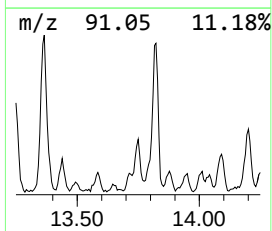
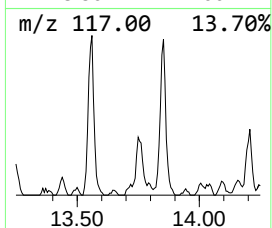
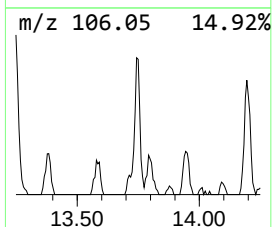
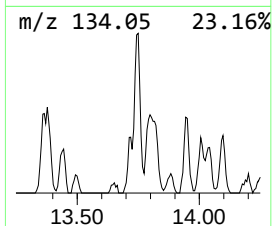
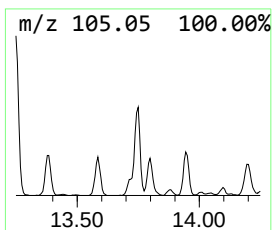
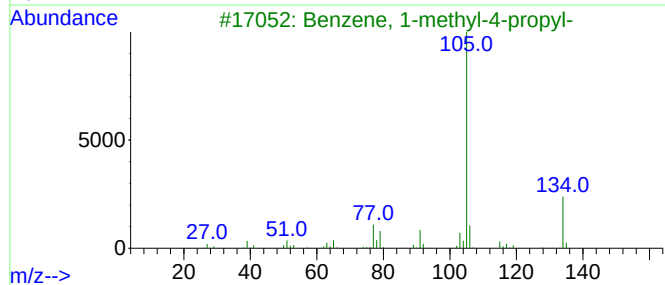
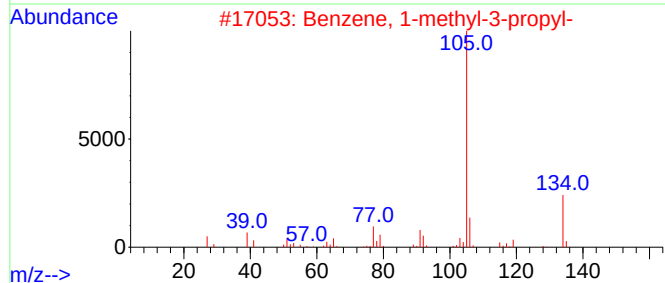
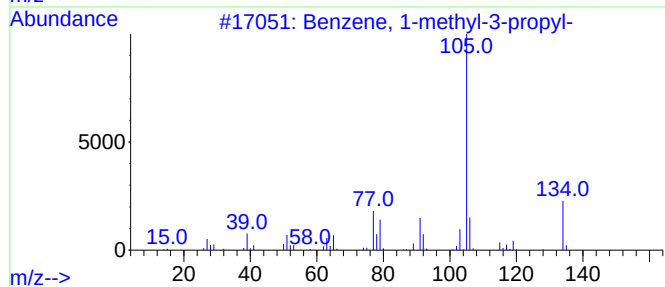
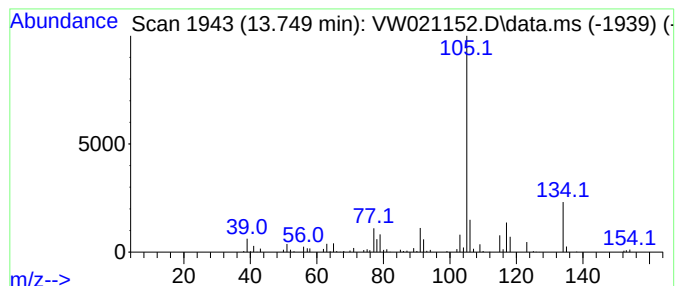
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Quant Title : SFAM01.0

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

Peak Number 20 Benzene, 1-methyl-3-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.749	3.72 ug/L	51681	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	76
2			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	76
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	70
4			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	64
5			2-Tolylloxirane	134	C9H10O	002783-26-8	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021152.D
Acq On : 05 Dec 2021 06:13
Operator : SY/VA
Sample : M4868-07
Misc : 7.87g/10.0mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGKP2

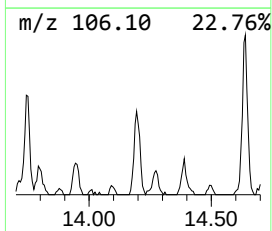
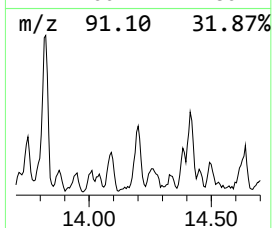
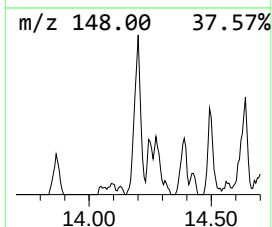
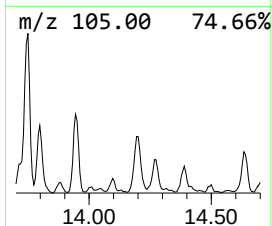
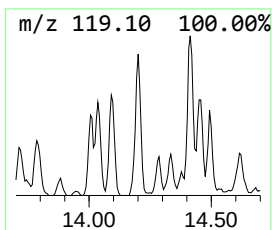
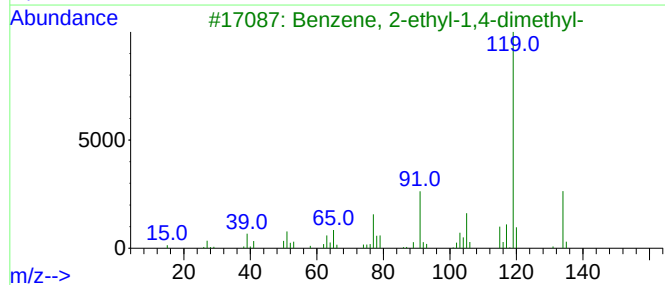
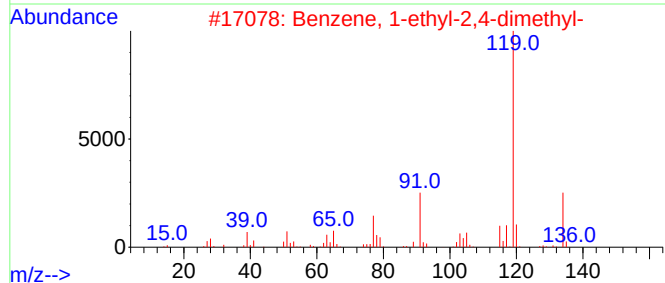
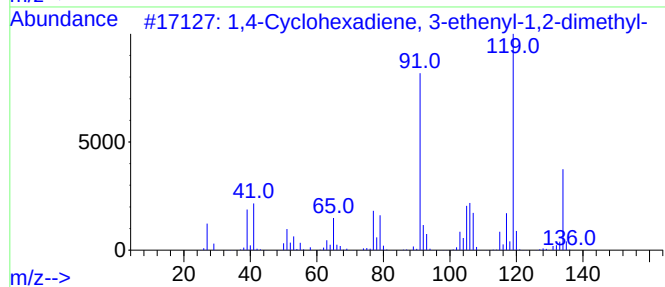
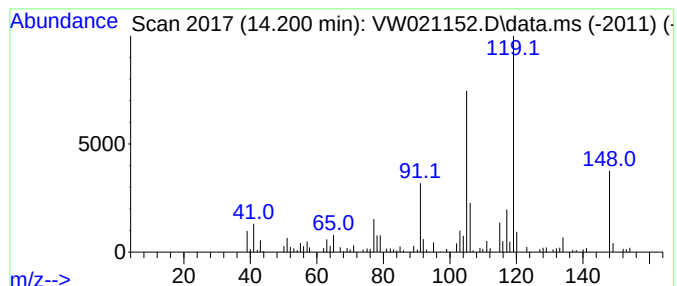
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Quant Title : SFAM01.0

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

Peak Number 21 1,4-Cyclohexadiene, 3-ethen... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	4.43 ug/L	61640	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	74
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	58
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	53
5			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021152.D
Acq On : 05 Dec 2021 06:13
Operator : SY/VA
Sample : M4868-07
Misc : 7.87g/10.0mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGKP2

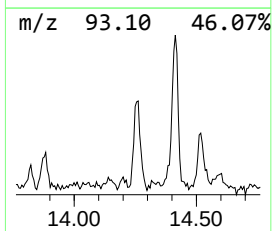
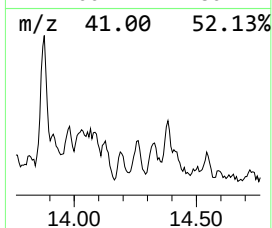
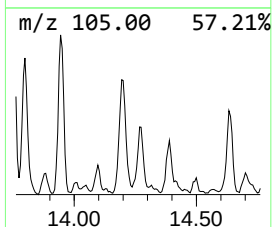
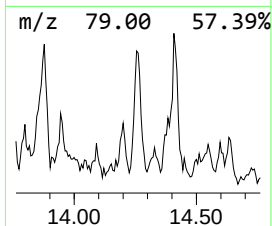
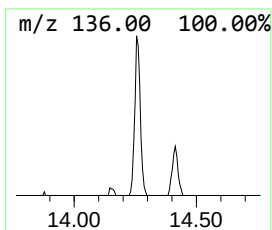
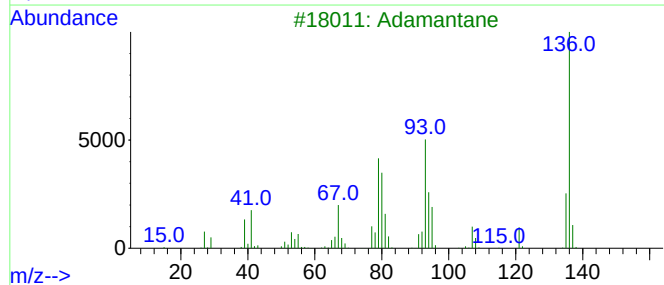
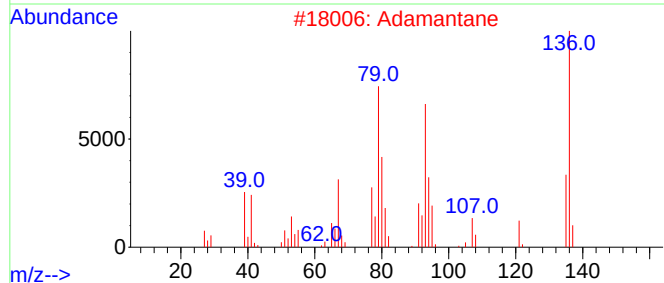
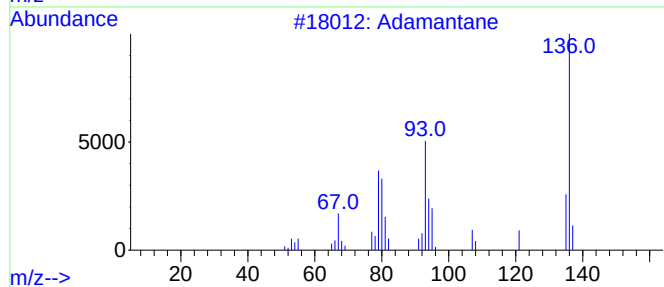
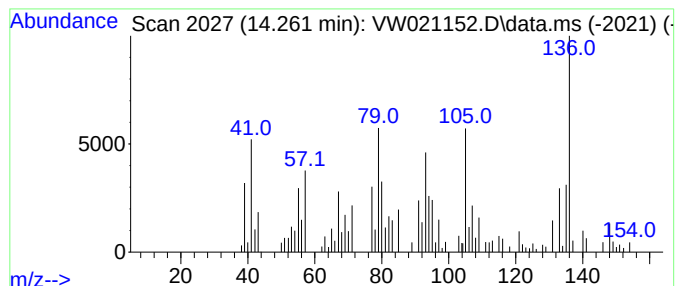
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Quant Title : SFAM01.0

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

Peak Number 22 Adamantane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.261	3.52 ug/L	48964	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane			136	C10H16	000281-23-2	89
2	Adamantane			136	C10H16	000281-23-2	89
3	Adamantane			136	C10H16	000281-23-2	81
4	Adamantane			136	C10H16	000281-23-2	68
5	Adamantane			136	C10H16	000281-23-2	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021152.D
Acq On : 05 Dec 2021 06:13
Operator : SY/VA
Sample : M4868-07
Misc : 7.87g/10.0mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGKP2

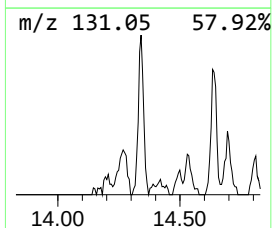
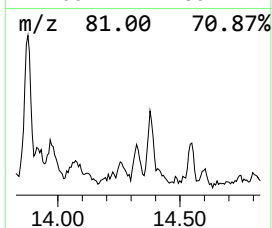
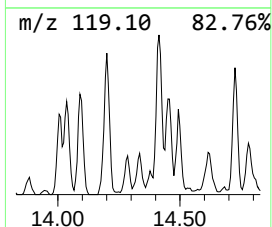
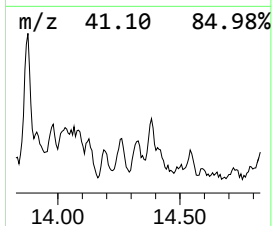
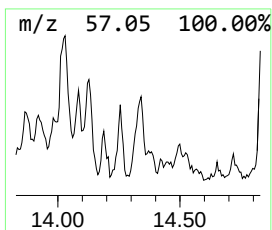
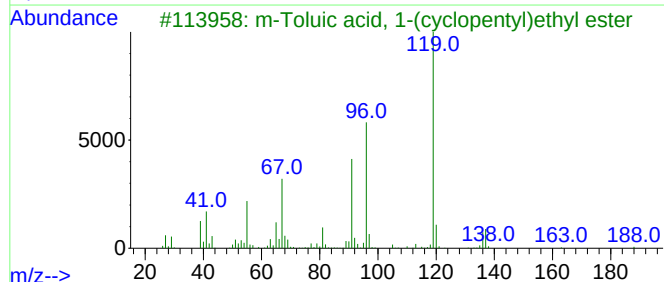
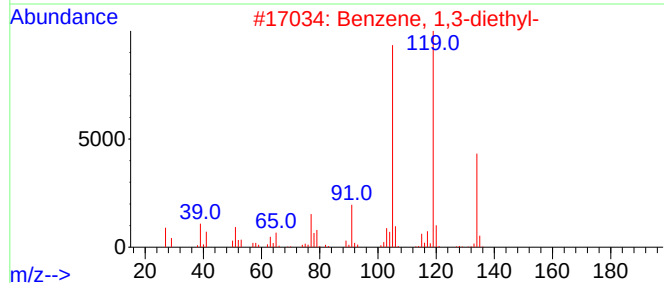
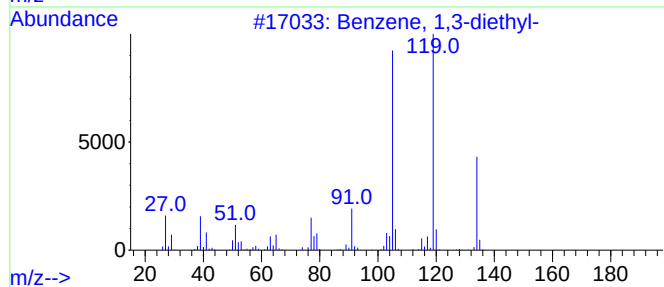
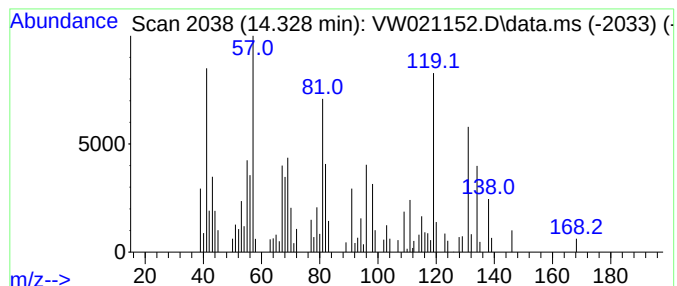
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Quant Title : SFAM01.0

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

Peak Number 23 unknown-03 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.329	2.27 ug/L	31618	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	38
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	30
3			m-Toluic acid, 1-(cyclopentyl)et...	232	C15H20O2	1000293-33-0	27
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	25
5			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021152.D
Acq On : 05 Dec 2021 06:13
Operator : SY/VA
Sample : M4868-07
Misc : 7.87g/10.0mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGKP2

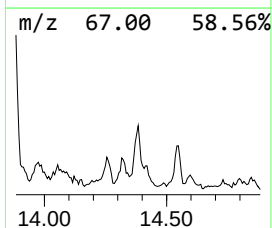
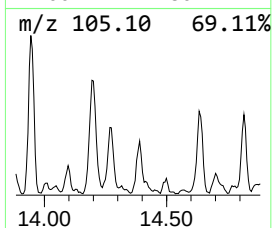
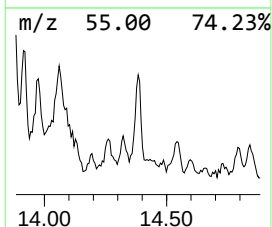
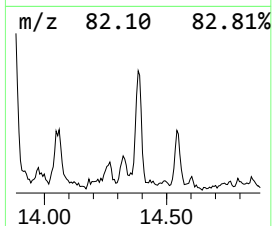
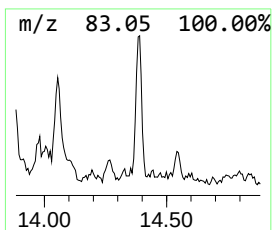
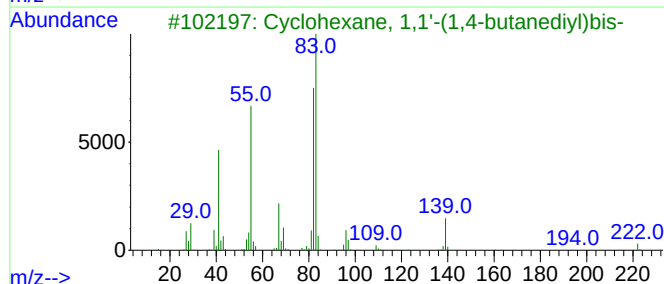
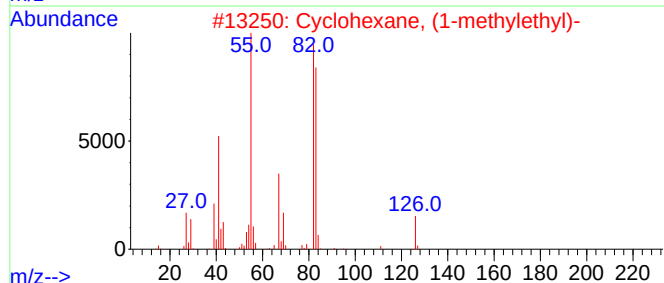
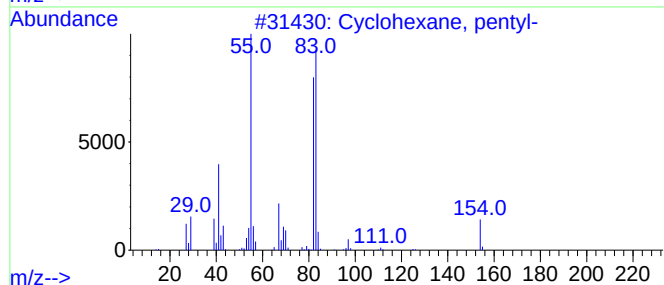
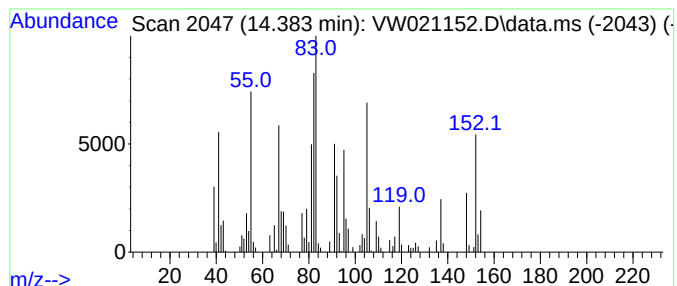
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Quant Title : SFAM01.0

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

Peak Number 24 unknown-04 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	3.80 ug/L	52830	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	38
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	35
3			Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	35
4			(Z)-Hex-3-enyl (E)-2-methylbut-2-en-1-yl	182	C11H18O2	067883-79-8	35
5			2-Cyclohexen-1-one, 2-methyl-5-(1-methylethyl)-	152	C10H16O	000499-71-8	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021152.D
Acq On : 05 Dec 2021 06:13
Operator : SY/VA
Sample : M4868-07
Misc : 7.87g/10.0mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

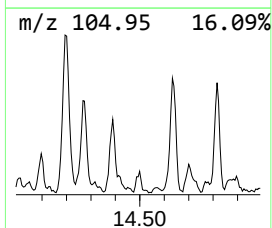
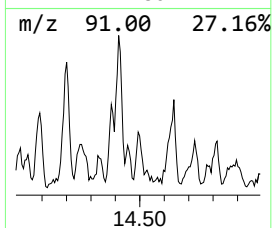
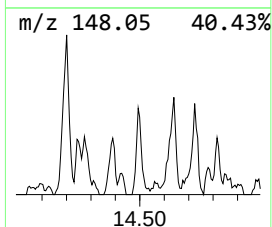
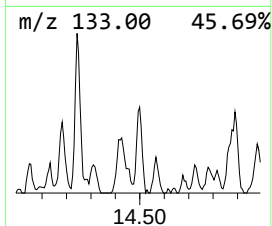
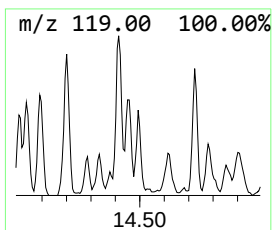
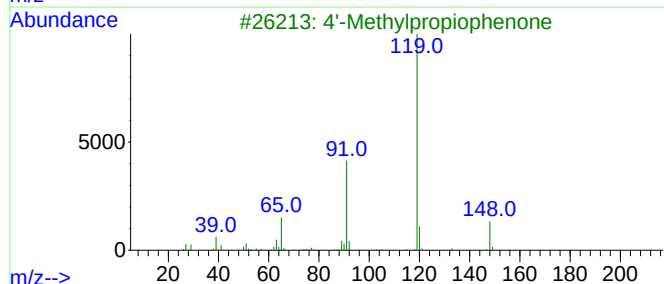
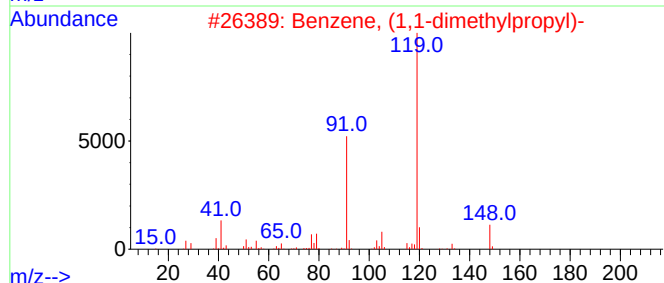
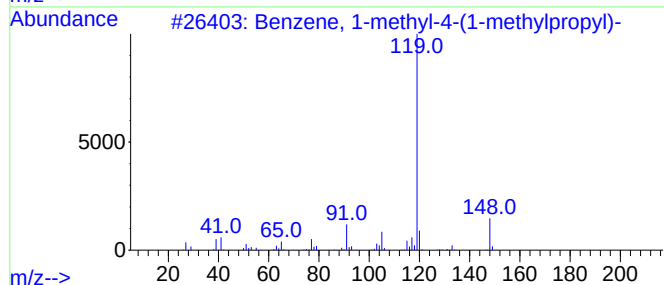
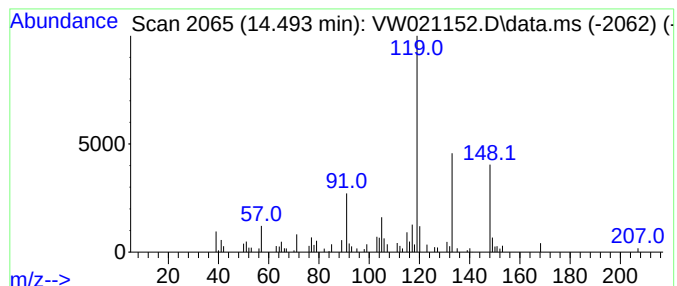
Instrument :
MSVOA_W
ClientSampleId :
BGKP2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

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

Peak Number 25 Benzene, 1-methyl-4-(1-meth... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.493	1.45 ug/L	20120	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...		148	C11H16	001595-16-0	70
2	Benzene, (1,1-dimethylpropyl)-		148	C11H16	002049-95-8	58
3	4'-Methylpropiophenone		148	C10H12O	005337-93-9	52
4	Benzoic acid, 2,4-dimethyl-, (2,...		268	C18H20O2	055000-43-6	50
5	3,4-Dihydro-2-[1H]quinoxalinone		148	C8H8N2O	059564-59-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021152.D
Acq On : 05 Dec 2021 06:13
Operator : SY/VA
Sample : M4868-07
Misc : 7.87g/10.0mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGKP2

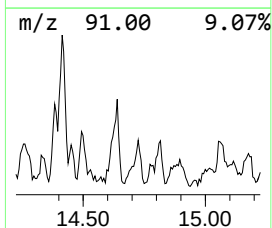
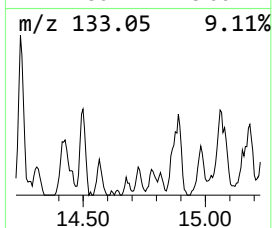
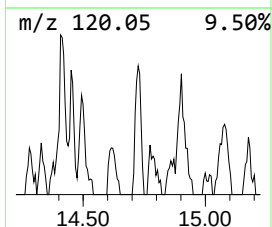
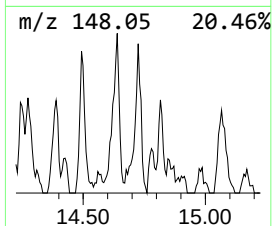
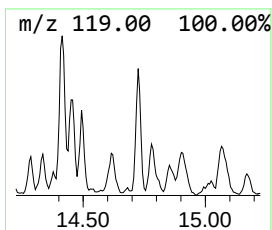
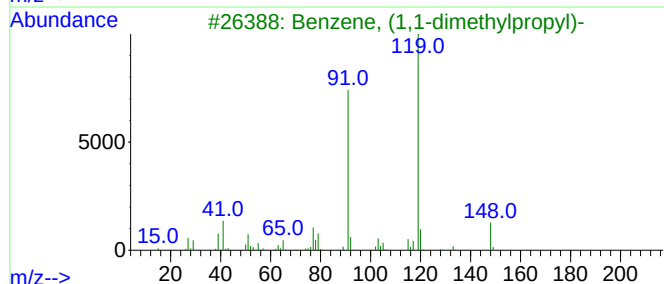
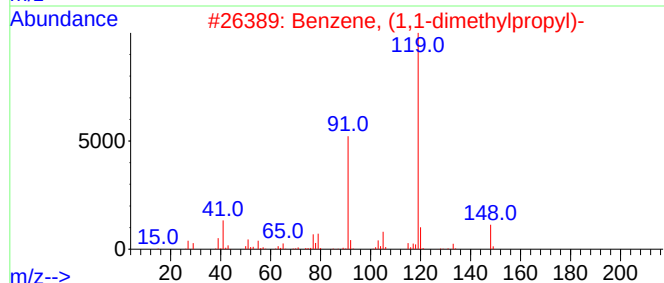
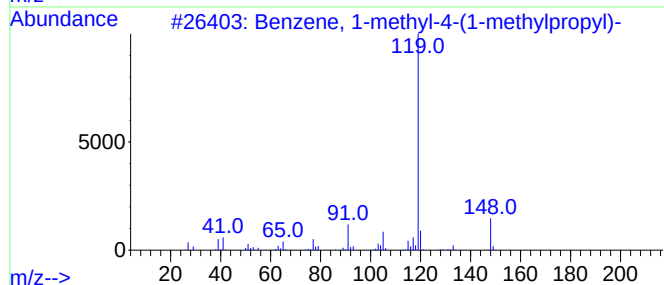
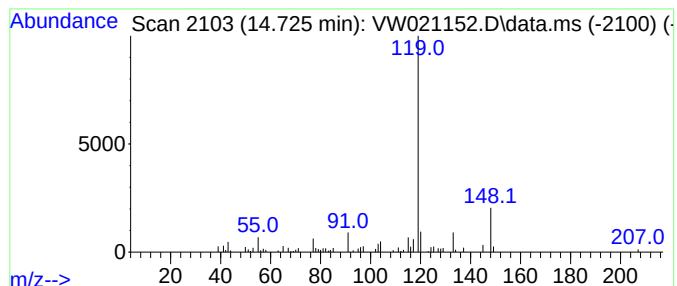
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Quant Title : SFAM01.0

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

Peak Number 26 Benzene, (1,1-dimethylpropyl)- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.725	1.51 ug/L	21060	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	80
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	80
3			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021152.D
Acq On : 05 Dec 2021 06:13
Operator : SY/VA
Sample : M4868-07
Misc : 7.87g/10.0mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGKP2

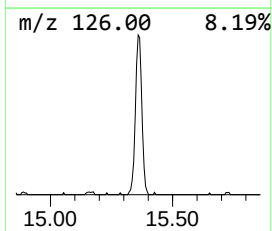
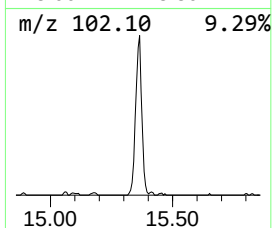
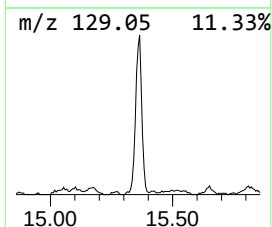
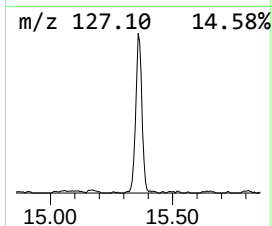
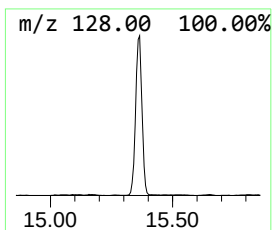
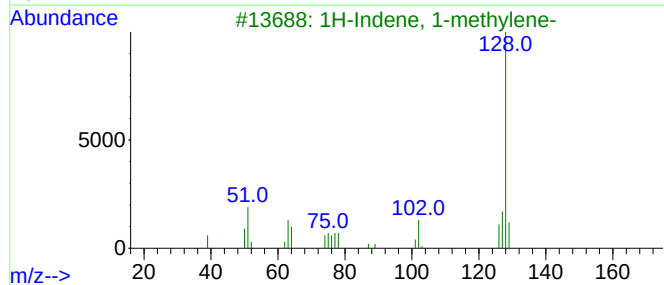
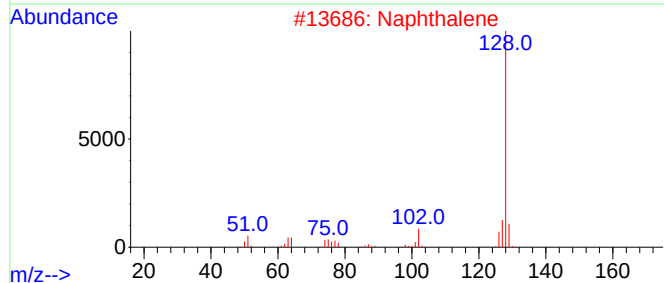
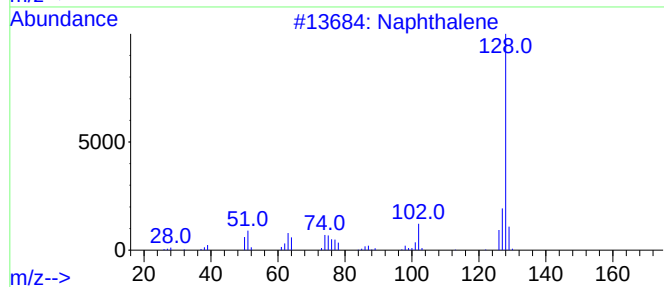
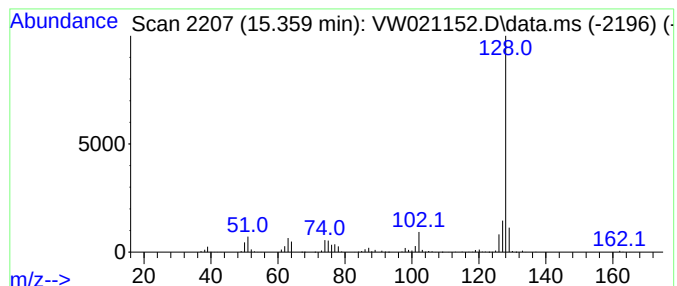
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Quant Title : SFAM01.0

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

Peak Number 27 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.359	18.86 ug/L	262336	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	97
2			Naphthalene	128	C10H8	000091-20-3	95
3			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	94
4			Azulene	128	C10H8	000275-51-4	91
5			Azulene	128	C10H8	000275-51-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021152.D
Acq On : 05 Dec 2021 06:13
Operator : SY/VA
Sample : M4868-07
Misc : 7.87g/10.0mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGKP2

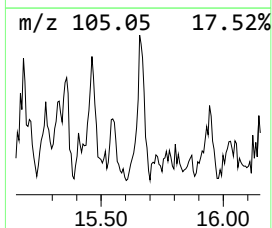
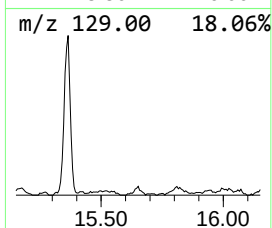
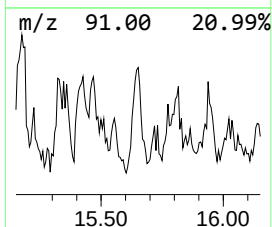
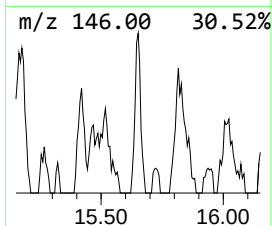
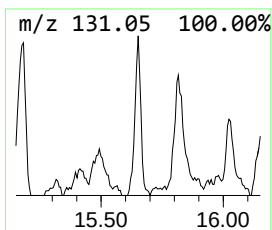
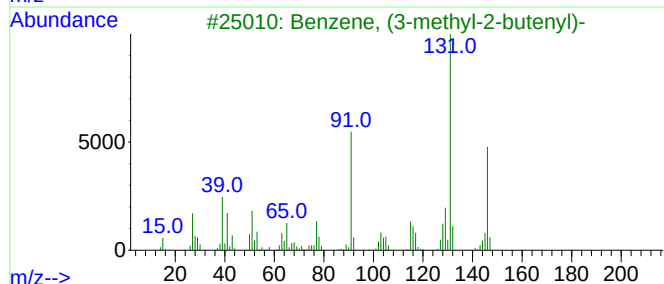
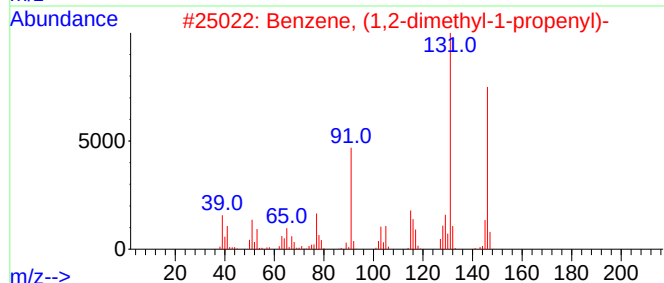
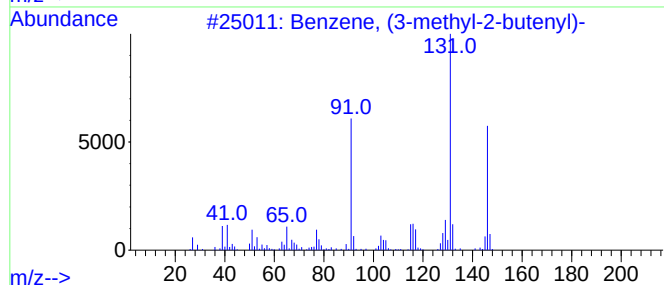
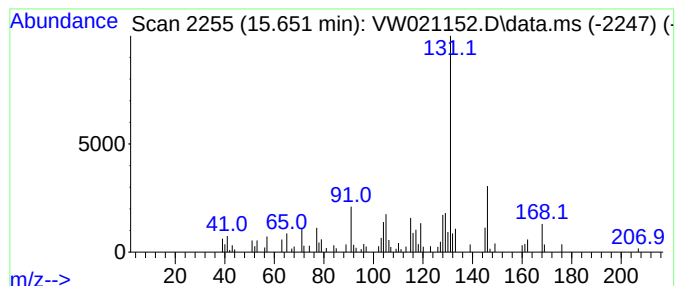
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Quant Title : SFAM01.0

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

Peak Number 28 Benzene, (3-methyl-2-butenyl)- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	2.15 ug/L	29957	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	81
2			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	81
3			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	76
4			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	74
5			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021152.D
Acq On : 05 Dec 2021 06:13
Operator : SY/VA
Sample : M4868-07
Misc : 7.87g/10.0mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGKP2

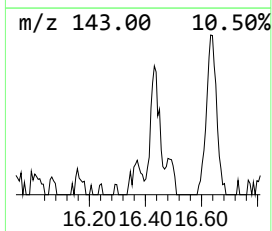
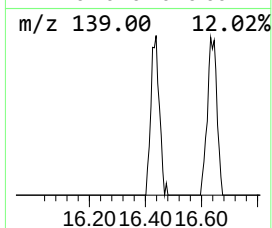
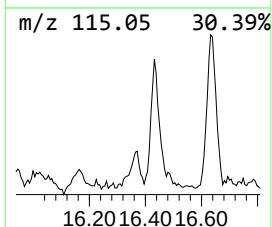
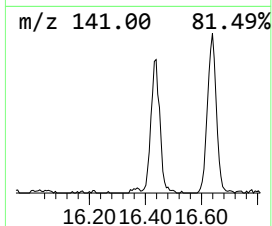
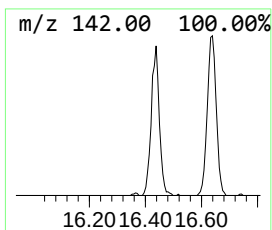
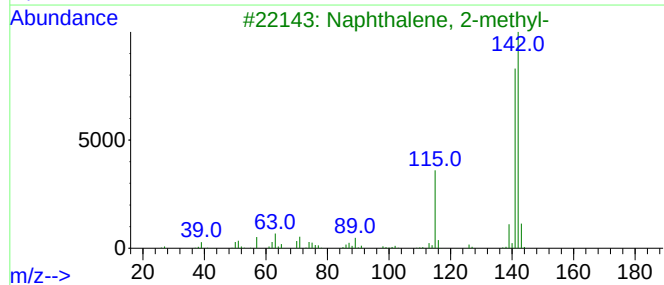
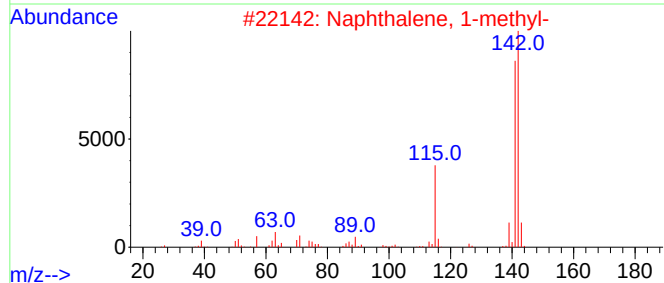
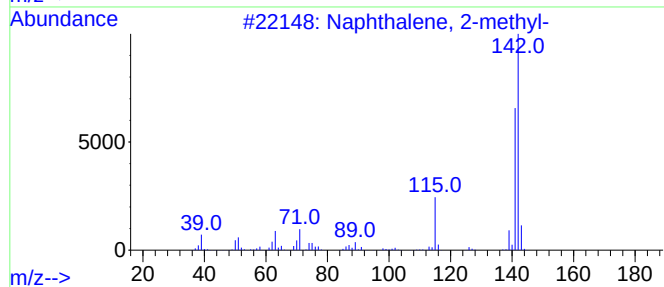
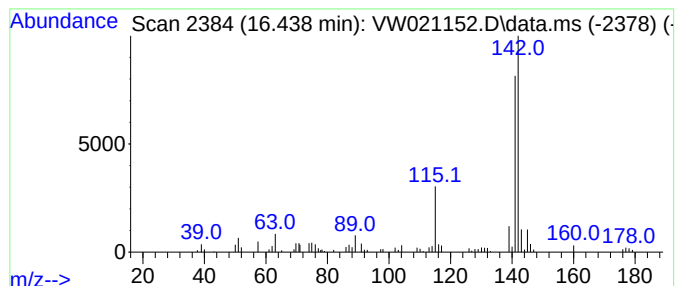
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Quant Title : SFAM01.0

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

Peak Number 29 1,4-Methanonaphthalene, 1,4... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.438	4.26 ug/L	59322	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
5			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021152.D
Acq On : 05 Dec 2021 06:13
Operator : SY/VA
Sample : M4868-07
Misc : 7.87g/10.0mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGKP2

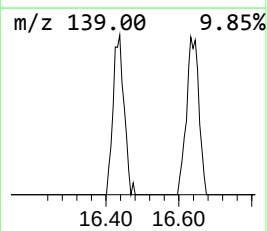
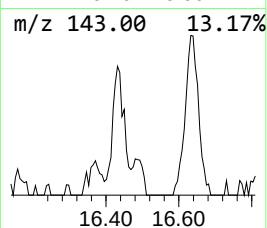
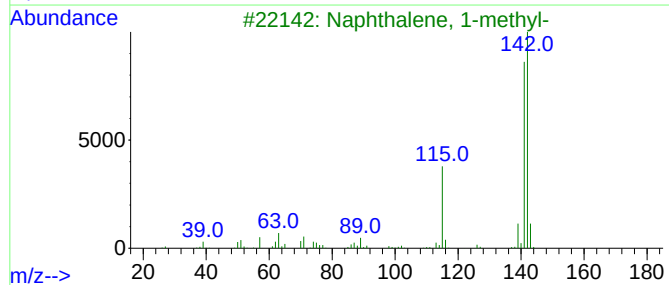
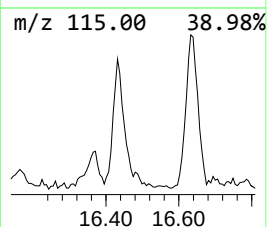
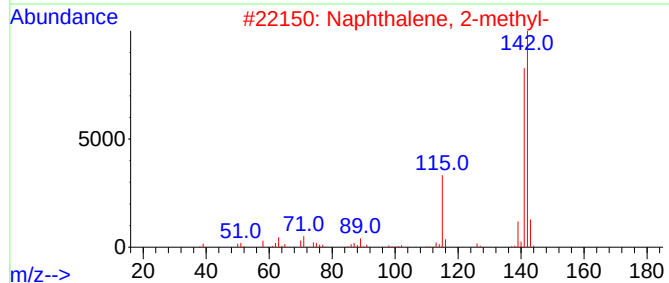
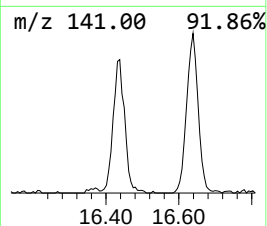
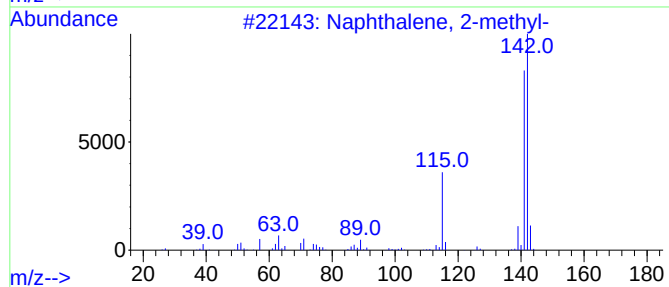
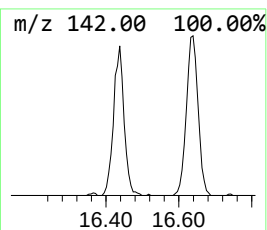
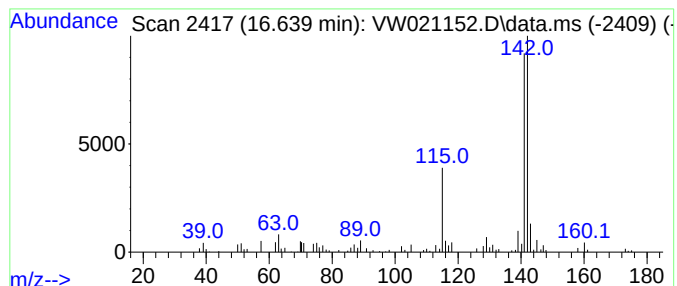
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Quant Title : SFAM01.0

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

Peak Number 30 Benzocycloheptatriene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	4.72 ug/L	65610	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5			Benzocycloheptatriene	142	C11H10	000264-09-5	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
 Data File : VW021152.D
 Acq On : 05 Dec 2021 06:13
 Operator : SY/VA
 Sample : M4868-07
 Misc : 7.87g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGKP2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.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
unknown-01	2.501	1.9	ug/L	13566	1	8.842	176583	25.0
Ethyl Acetate	7.257	1.7	ug/L	12164	1	8.842	176583	25.0
(DEL) Alkane: S...	10.098	2.1	ug/L	15107	1	8.842	176583	25.0
(DEL) Alkane: C...	10.665	1.5	ug/L	15209	2	11.634	248292	25.0
(DEL) Alkane: C...	11.177	3.2	ug/L	31757	2	11.634	248292	25.0
(DEL) Alkane: C...	11.232	5.7	ug/L	56389	2	11.634	248292	25.0
(DEL) Alkane: S...	11.335	2.8	ug/L	28212	2	11.634	248292	25.0
(DEL) Alkane: S...	11.408	2.1	ug/L	20942	2	11.634	248292	25.0
(DEL) Alkane: C...	11.433	3.8	ug/L	38099	2	11.634	248292	25.0
(DEL) Alkane: S...	11.512	4.0	ug/L	39330	2	11.634	248292	25.0
(DEL) Alkane: S...	12.061	4.1	ug/L	40796	2	11.634	248292	25.0
(DEL) Alkane: S...	12.250	8.7	ug/L	86685	2	11.634	248292	25.0
1H-Indene, octa...	12.341	23.0	ug/L	228202	2	11.634	248292	25.0
(DEL) Alkane: S...	12.780	10.5	ug/L	146672	3	13.560	347750	25.0
(DEL) Alkane: C...	12.859	5.3	ug/L	73411	3	13.560	347750	25.0
unknown-02	13.079	3.7	ug/L	51948	3	13.560	347750	25.0
(DEL) Alkane: S...	13.164	7.4	ug/L	102422	3	13.560	347750	25.0
Benzene, 1-meth...	13.749	3.7	ug/L	51681	3	13.560	347750	25.0
1,4-Cyclohexadi...	14.200	4.4	ug/L	61640	3	13.560	347750	25.0
Adamantane	14.261	3.5	ug/L	48964	3	13.560	347750	25.0
unknown-03	14.329	2.3	ug/L	31618	3	13.560	347750	25.0
unknown-04	14.383	3.8	ug/L	52830	3	13.560	347750	25.0
Benzene, 1-meth...	14.493	1.5	ug/L	20120	3	13.560	347750	25.0
Benzene, (1,1-d...	14.725	1.5	ug/L	21060	3	13.560	347750	25.0
Azulene	15.359	18.9	ug/L	262336	3	13.560	347750	25.0
Benzene, (3-met...	15.651	2.1	ug/L	29957	3	13.560	347750	25.0
1,4-Methanonaph...	16.438	4.3	ug/L	59322	3	13.560	347750	25.0
Benzocyclohepta...	16.639	4.7	ug/L	65610	3	13.560	347750	25.0