

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020316.D
 Acq On : 06 Oct 2021 15:00
 Operator : SY/VA
 Sample : M3974-10RE
 Misc : 7.44g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW8Z4RE

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\SFAMWLM100621SMA.M

Title : SFAM01.0

Signal : TIC: VW020316.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.355	67	74	85	rVB2	252691	437971	49.06%	7.194%
2	2.812	144	149	154	rBV	4869	8998	1.01%	0.148%
3	2.879	154	160	173	rVB	41183	87769	9.83%	1.442%
4	3.019	181	183	190	rVB6	701	1014	0.11%	0.017%
5	3.245	218	220	223	rVB2	291	280	0.03%	0.005%
6	3.379	240	242	245	rBV2	399	464	0.05%	0.008%
7	3.403	245	246	250	rVB2	369	254	0.03%	0.004%
8	3.440	250	252	254	rVB	239	214	0.02%	0.004%
9	3.538	267	268	272	rBV3	220	309	0.03%	0.005%
10	3.592	275	277	281	rVB3	312	364	0.04%	0.006%
11	3.733	295	300	302	rBV3	247	365	0.04%	0.006%
12	4.019	336	347	360	rBV	101188	300246	33.64%	4.932%
13	4.141	360	367	376	rVV	2791	7861	0.88%	0.129%
14	4.263	379	387	395	rVB3	1345	4155	0.47%	0.068%
15	4.385	395	407	423	rBV2	5605	17295	1.94%	0.284%
16	4.611	434	444	470	rBV2	17341	58711	6.58%	0.964%
17	4.775	470	471	475	rVB3	136	150	0.02%	0.002%
18	4.922	483	495	508	rBV3	11712	38656	4.33%	0.635%
19	5.190	536	539	542	rVV2	146	178	0.02%	0.003%
20	5.940	654	662	672	rVV4	1933	5591	0.63%	0.092%
21	6.251	710	713	717	rVB2	135	173	0.02%	0.003%
22	6.970	827	831	833	rBV2	121	153	0.02%	0.003%
23	6.988	833	834	836	rBV2	202	184	0.02%	0.003%
24	7.092	842	851	856	rBV2	9853	26369	2.95%	0.433%
25	7.171	856	864	878	rVB2	32207	89217	9.99%	1.465%
26	7.445	903	909	914	rBV3	460	960	0.11%	0.016%
27	7.549	920	926	931	rBV3	387	847	0.09%	0.014%
28	7.653	931	943	957	rBV	162067	405261	45.40%	6.657%
29	7.945	986	991	1000	rVB3	609	1318	0.15%	0.022%
30	8.195	1029	1032	1034	rBV2	138	179	0.02%	0.003%
31	8.281	1034	1046	1060	rBV2	289695	892654	100.00%	14.663%
32	8.598	1096	1098	1106	rVB5	1676	3785	0.42%	0.062%
33	8.701	1110	1115	1119	rBV2	427	725	0.08%	0.012%
34	8.842	1130	1138	1151	rBV	271921	538694	60.35%	8.849%
35	8.939	1152	1154	1156	rVB2	250	240	0.03%	0.004%
36	9.012	1162	1166	1172	rBV5	1052	2380	0.27%	0.039%

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 Title : SFAM01.0

37	9.091	1172	1179	1189	rVB3	12111	26621	2.98%	0.437%
38	9.220	1197	1200	1201	rBV	198	171	0.02%	0.003%
39	9.274	1201	1209	1220	rBV	205822	412356	46.19%	6.773%
40	9.354	1220	1222	1229	rVB3	841	1041	0.12%	0.017%
41	9.451	1237	1238	1242	rVB2	172	183	0.02%	0.003%
42	9.518	1245	1249	1250	rBV2	268	225	0.03%	0.004%
43	9.585	1256	1260	1262	rBV2	147	207	0.02%	0.003%
44	9.658	1267	1272	1273	rBV2	681	698	0.08%	0.011%
45	9.762	1286	1289	1290	rBV2	183	200	0.02%	0.003%
46	9.823	1296	1299	1302	rBV3	200	216	0.02%	0.004%
47	9.860	1302	1305	1308	rVB2	165	166	0.02%	0.003%
48	9.902	1308	1312	1317	rBV4	295	604	0.07%	0.010%
49	9.957	1317	1321	1324	rBV5	269	406	0.05%	0.007%
50	10.036	1327	1334	1344	rBV	81539	148871	16.68%	2.445%
51	10.201	1359	1361	1363	rVV3	219	165	0.02%	0.003%
52	10.244	1366	1368	1371	rVB4	219	227	0.03%	0.004%
53	10.323	1373	1381	1389	rBV	285025	512889	57.46%	8.425%
54	10.390	1389	1392	1398	rVV	4608	7854	0.88%	0.129%
55	10.506	1405	1411	1416	rBV6	1281	2259	0.25%	0.037%
56	10.579	1416	1423	1431	rBV	48531	84389	9.45%	1.386%
57	10.652	1434	1435	1436	rVV	446	263	0.03%	0.004%
58	10.707	1440	1444	1449	rVB2	2898	4859	0.54%	0.080%
59	10.750	1449	1451	1453	rBV3	178	192	0.02%	0.003%
60	10.859	1463	1469	1475	rBV	6489	11740	1.32%	0.193%
61	10.927	1475	1480	1487	rVV	24180	41136	4.61%	0.676%
62	11.024	1491	1496	1500	rBV3	2003	3223	0.36%	0.053%
63	11.067	1500	1503	1504	rBV3	683	576	0.06%	0.009%
64	11.103	1505	1509	1510	rVV4	545	563	0.06%	0.009%
65	11.122	1510	1512	1513	rBV2	317	225	0.03%	0.004%
66	11.140	1513	1515	1518	rBV4	356	434	0.05%	0.007%
67	11.176	1518	1521	1526	rBV7	748	1493	0.17%	0.025%
68	11.213	1526	1527	1530	rBV3	427	512	0.06%	0.008%
69	11.317	1542	1544	1545	rBV2	720	671	0.08%	0.011%
70	11.512	1551	1576	1578	rBV5	8225	40475	4.53%	0.665%
71	11.634	1589	1596	1605	rVB	273972	459515	51.48%	7.548%
72	11.841	1626	1630	1635	rVB6	1405	2402	0.27%	0.039%
73	12.030	1657	1661	1663	rBV5	1775	2682	0.30%	0.044%
74	12.219	1690	1692	1693	rBV2	723	673	0.08%	0.011%
75	12.256	1695	1698	1701	rBV5	1687	2226	0.25%	0.037%
76	12.432	1723	1727	1728	rBV4	2639	3193	0.36%	0.052%

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77	12.609	1751	1756	1761	rVB2	6876	13188	1.48%	0.217%
78	12.695	1763	1770	1776	rVB	99440	164922	18.48%	2.709%
79	12.896	1793	1803	1804	rBV5	8944	25138	2.82%	0.413%
80	13.133	1840	1842	1844	rVB2	2719	1879	0.21%	0.031%
81	13.329	1864	1874	1885	rBV4	20869	87140	9.76%	1.431%
82	13.457	1890	1895	1906	rVV6	14747	54496	6.10%	0.895%
83	13.560	1906	1912	1919	rVB	181026	298247	33.41%	4.899%
84	13.749	1941	1943	1949	rVB4	2521	3970	0.44%	0.065%
85	13.853	1954	1960	1968	rBV	151901	266721	29.88%	4.381%
86	14.066	1992	1995	1998	rBV2	4900	7535	0.84%	0.124%
87	14.206	2014	2018	2024	rBV6	7426	15447	1.73%	0.254%
88	14.499	2062	2066	2067	rBV4	6107	7896	0.88%	0.130%
89	14.792	2107	2114	2119	rBV6	18864	48117	5.39%	0.790%
90	15.078	2153	2161	2170	rBV3	20867	84726	9.49%	1.392%
91	15.243	2186	2188	2196	rVB6	11212	25202	2.82%	0.414%
92	15.322	2197	2201	2205	rBV	14470	22606	2.53%	0.371%
93	15.420	2213	2217	2218	rBV4	5426	7442	0.83%	0.122%
94	15.621	2245	2250	2262	rVB7	19486	71669	8.03%	1.177%
95	15.724	2263	2267	2275	rVB5	9551	18106	2.03%	0.297%
96	15.822	2277	2283	2287	rBV5	7654	19804	2.22%	0.325%
97	16.212	2344	2347	2353	rVB6	9696	17291	1.94%	0.284%
98	16.279	2354	2358	2364	rBV2	9913	17812	2.00%	0.293%
99	16.371	2367	2373	2378	rBV10	5305	13519	1.51%	0.222%
100	16.639	2410	2417	2430	rVB2	29186	84208	9.43%	1.383%

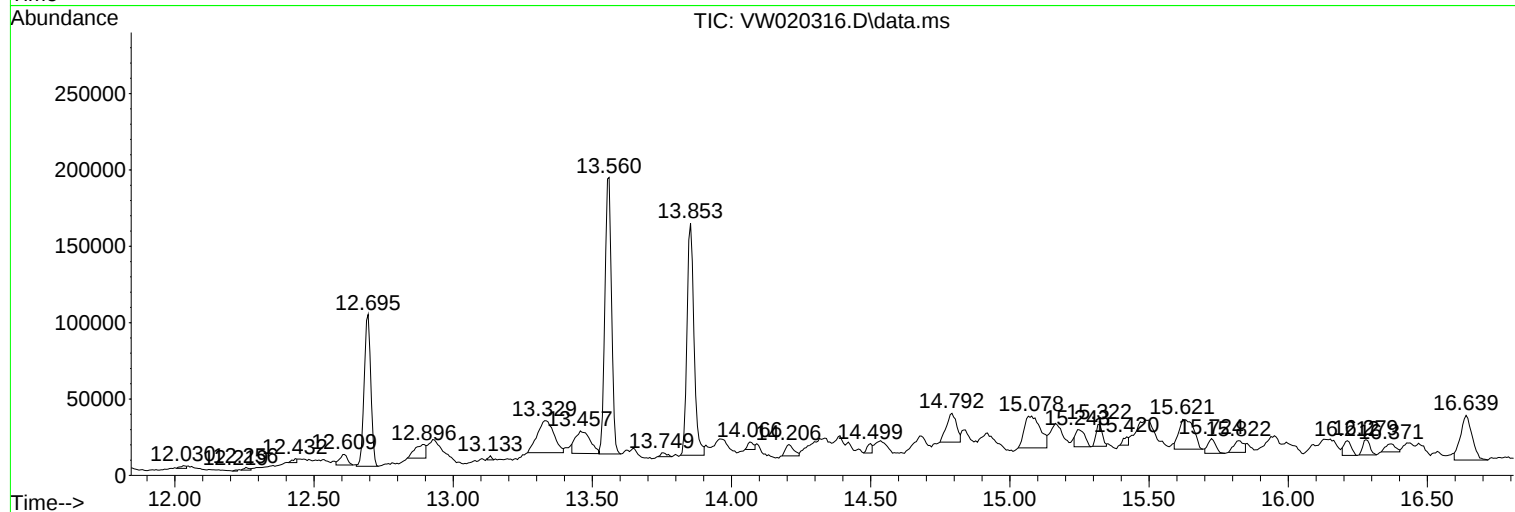
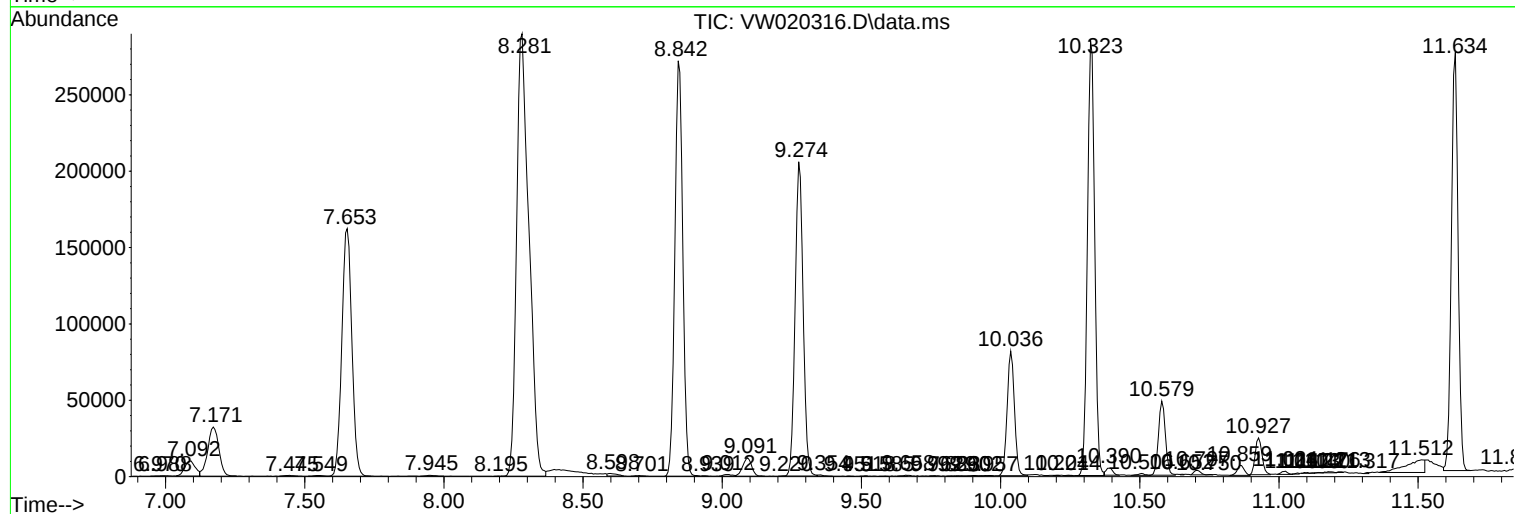
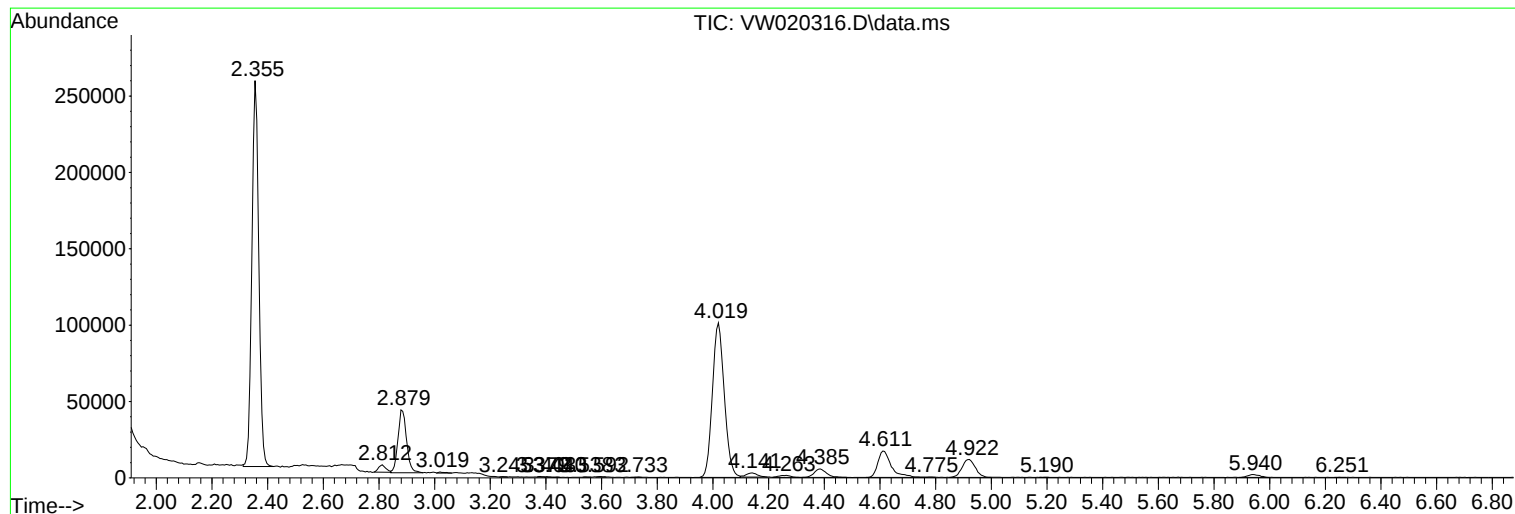
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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



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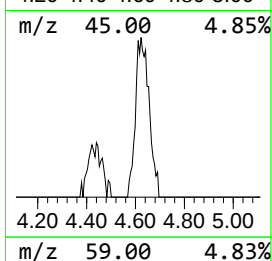
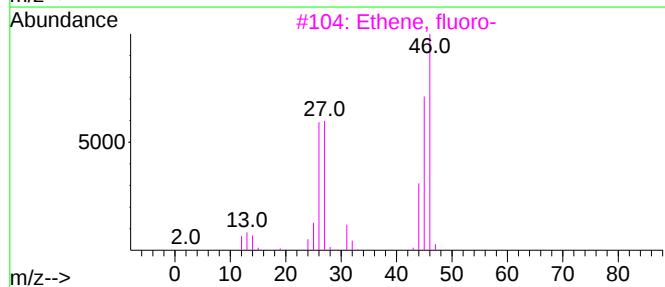
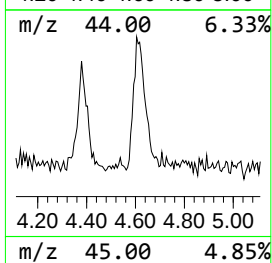
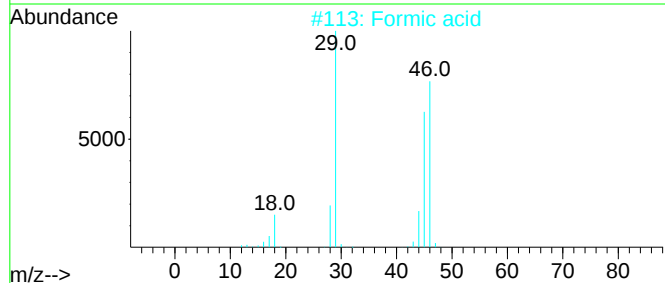
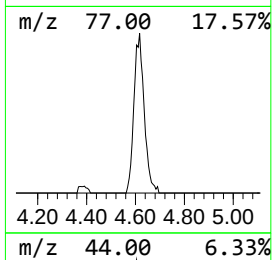
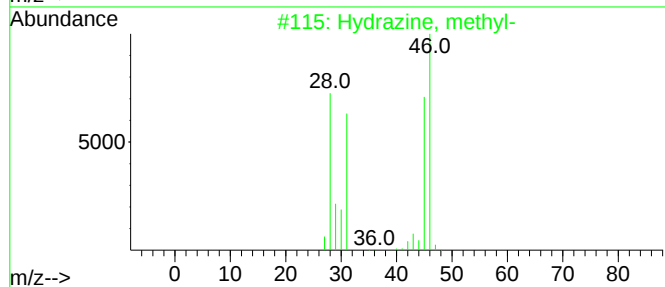
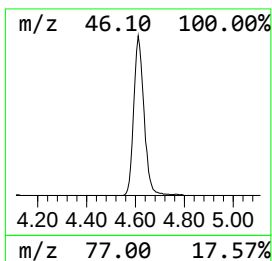
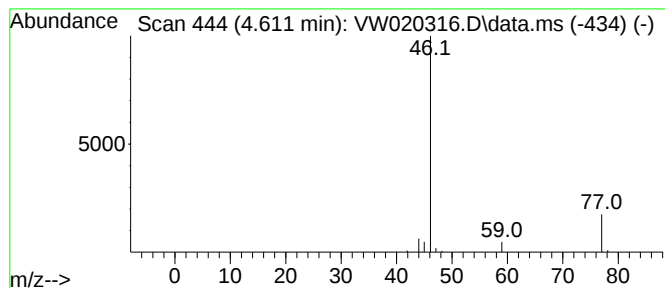
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.611	2.72 ug/L	58711	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hydrazine, methyl-	46	CH6N2	000060-34-4	7
2			Formic acid	46	CH2O2	000064-18-6	5
3			Ethene, fluoro-	46	C2H3F	000075-02-5	4
4			Hydrazine, methyl-	46	CH6N2	000060-34-4	4
5			Formic acid	46	CH2O2	000064-18-6	4



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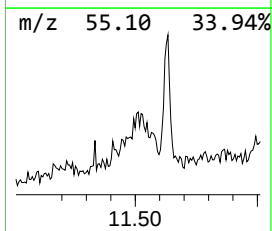
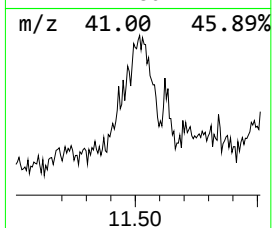
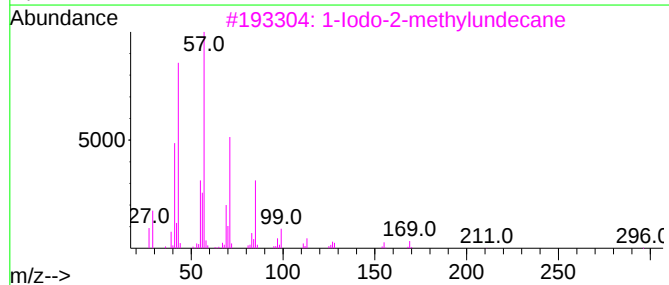
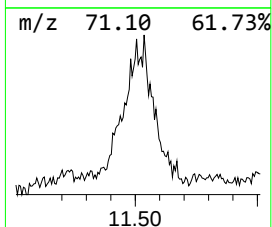
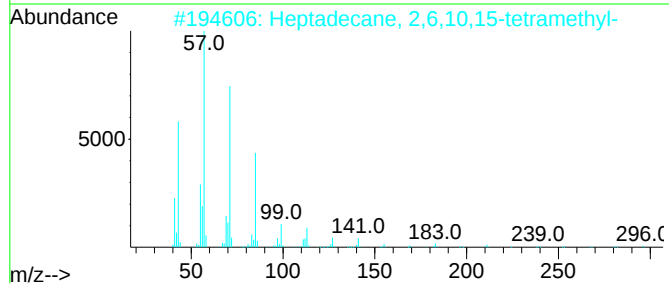
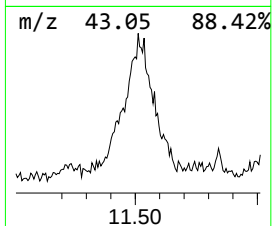
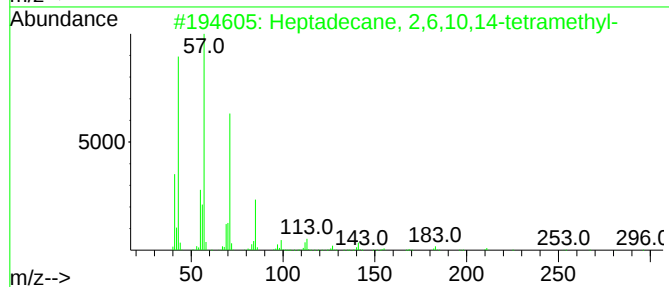
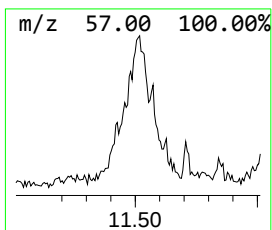
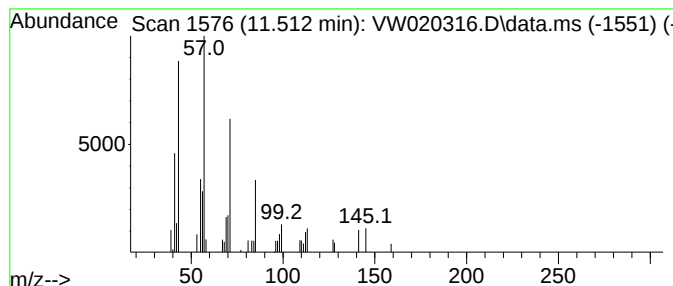
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.512	2.20 ug/L	40475	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	78
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
3			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64
4			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	59
5			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59



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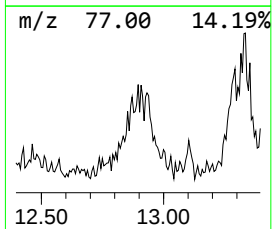
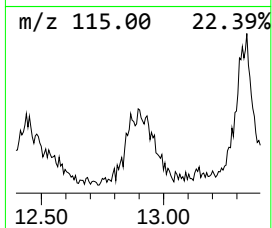
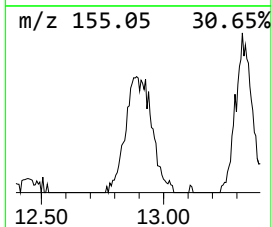
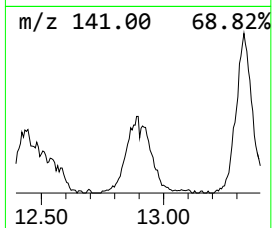
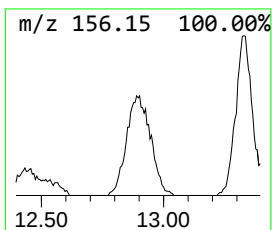
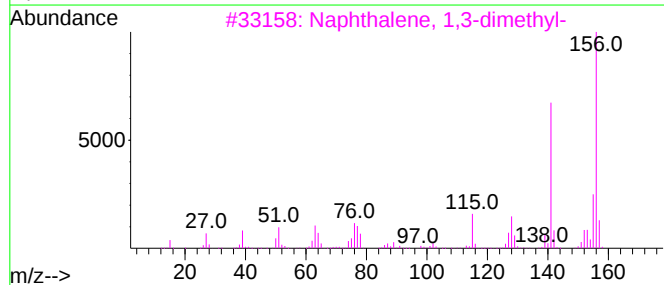
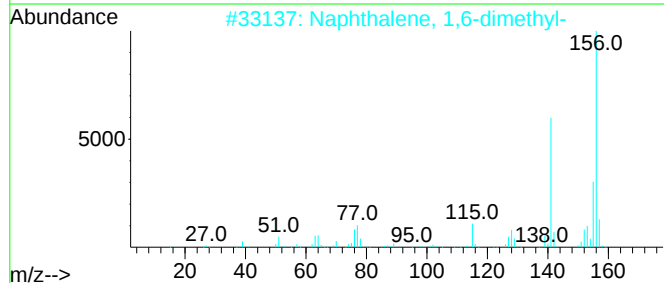
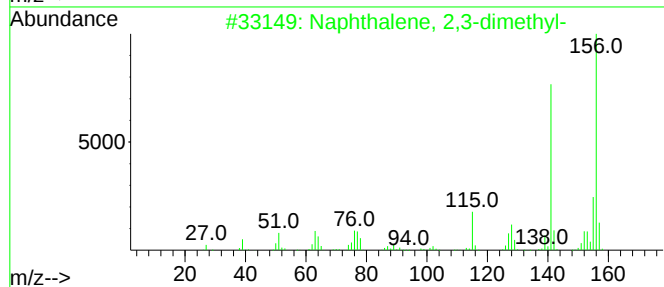
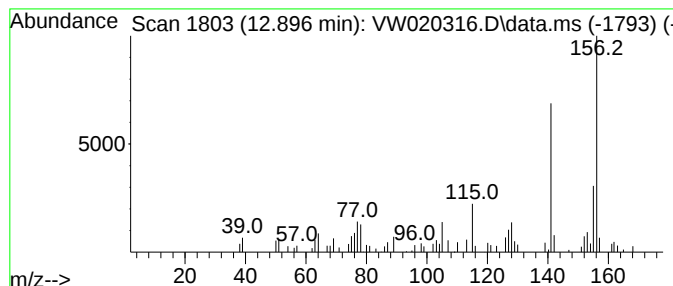
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.896	2.11 ug/L	25138	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	89



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020316.D
Acq On : 06 Oct 2021 15:00
Operator : SY/VA
Sample : M3974-10RE
Misc : 7.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Z4RE

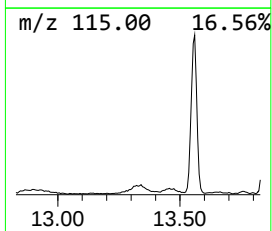
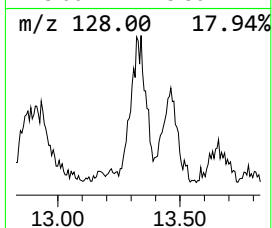
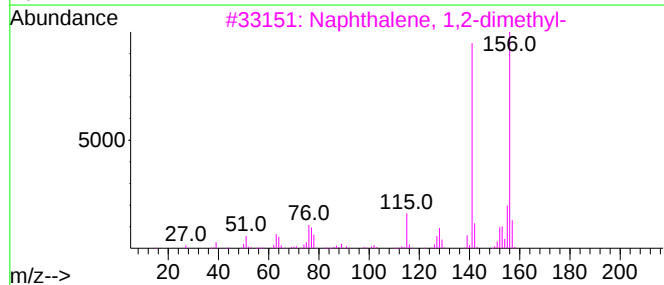
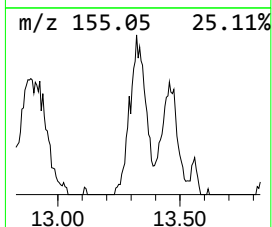
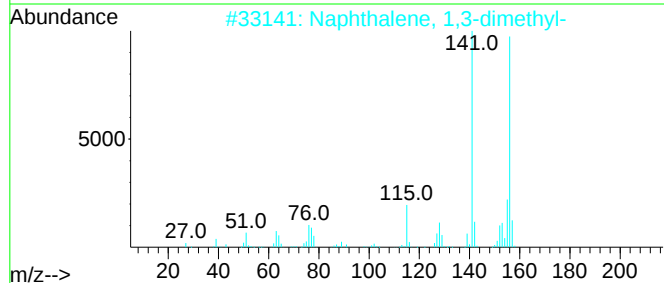
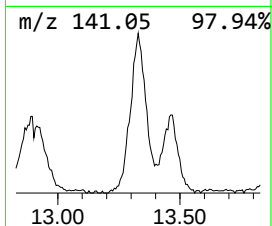
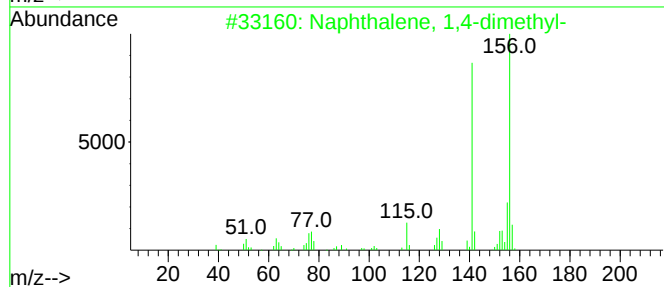
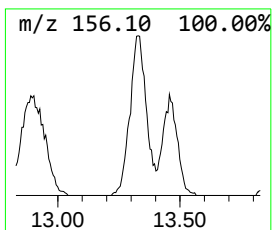
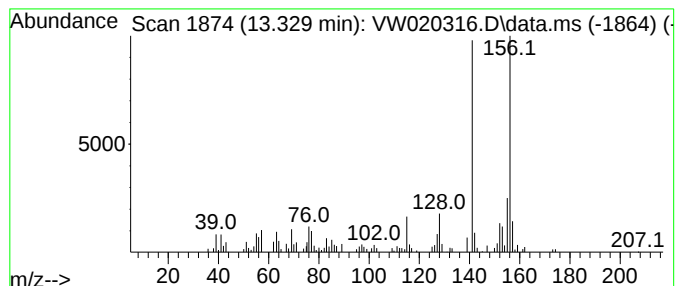
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Quant Title : SFAM01.0

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

Peak Number 5 Naphthalene, 1,4-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.329	7.30 ug/L	87140	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020316.D
Acq On : 06 Oct 2021 15:00
Operator : SY/VA
Sample : M3974-10RE
Misc : 7.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Z4RE

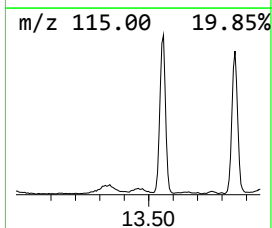
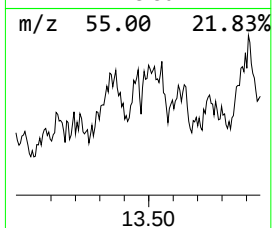
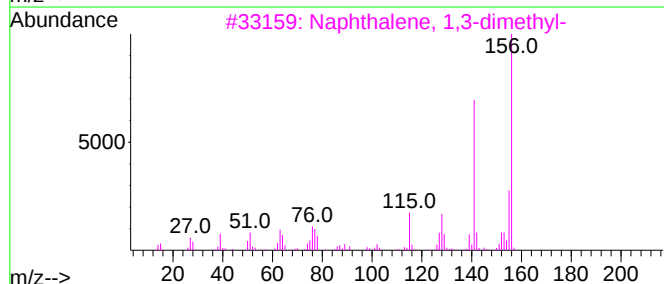
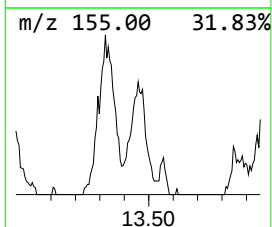
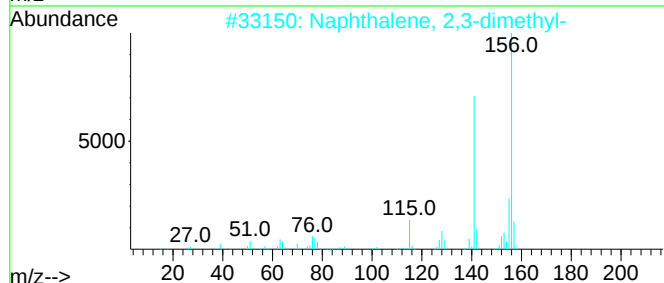
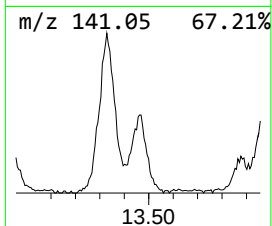
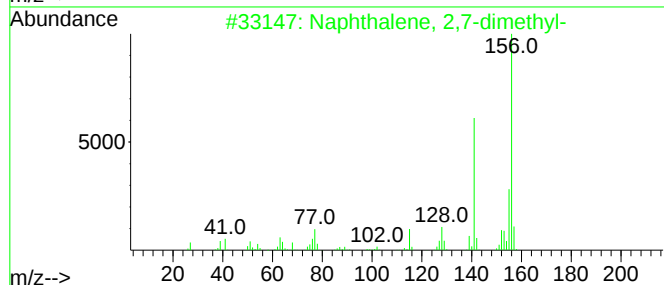
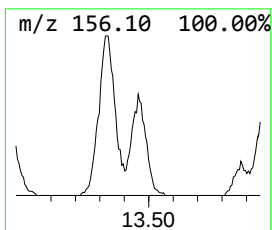
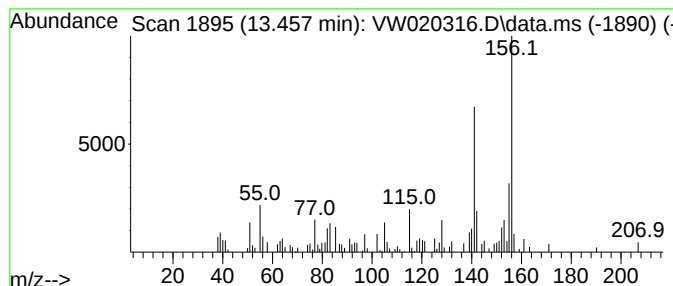
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Quant Title : SFAM01.0

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

Peak Number 6 Naphthalene, 2,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.457	4.57 ug/L	54496	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	89
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	87
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	87
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	83
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020316.D
Acq On : 06 Oct 2021 15:00
Operator : SY/VA
Sample : M3974-10RE
Misc : 7.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Z4RE

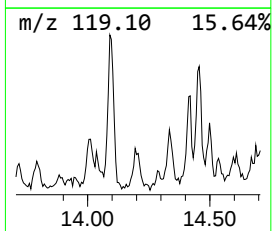
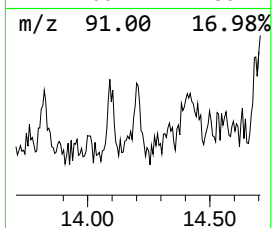
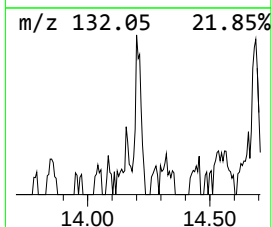
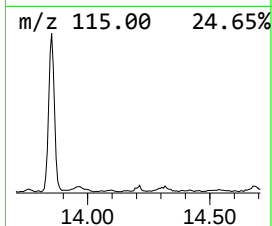
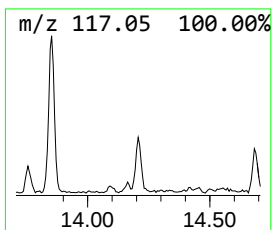
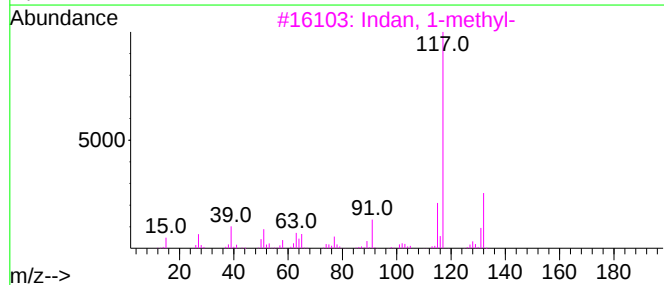
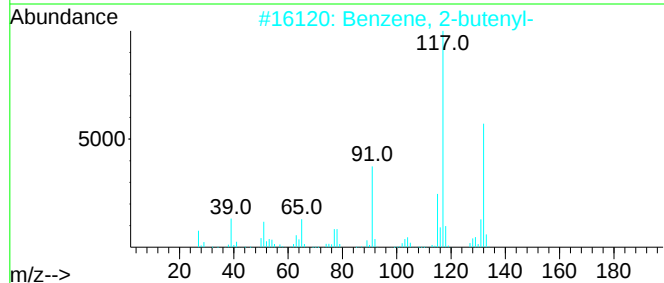
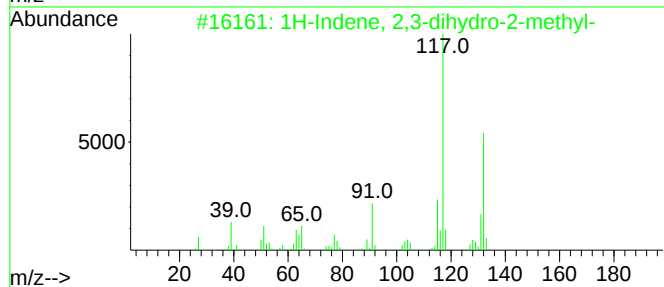
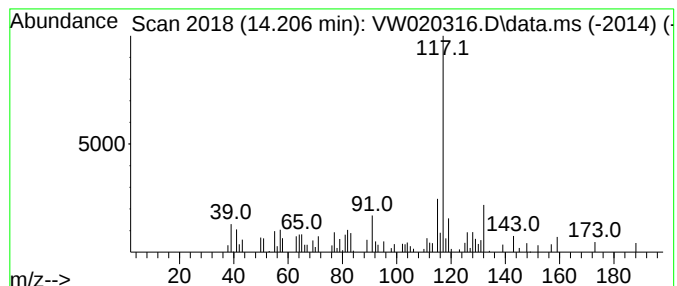
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Quant Title : SFAM01.0

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

Peak Number 7 1H-Indene, 2,3-dihydro-2-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.206	1.29 ug/L	15447	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	76
2			Benzene, 2-butenyl-	132	C10H12	001560-06-1	68
3			Indan, 1-methyl-	132	C10H12	000767-58-8	68
4			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	59
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020316.D
Acq On : 06 Oct 2021 15:00
Operator : SY/VA
Sample : M3974-10RE
Misc : 7.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Z4RE

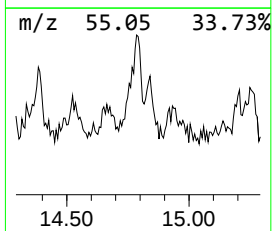
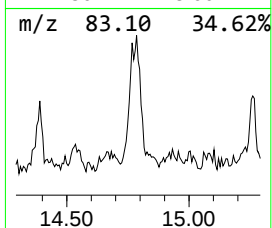
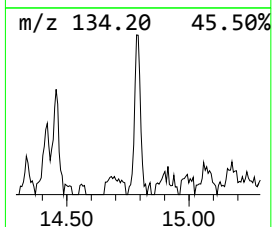
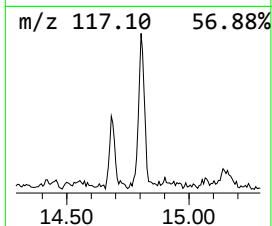
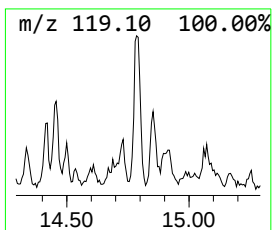
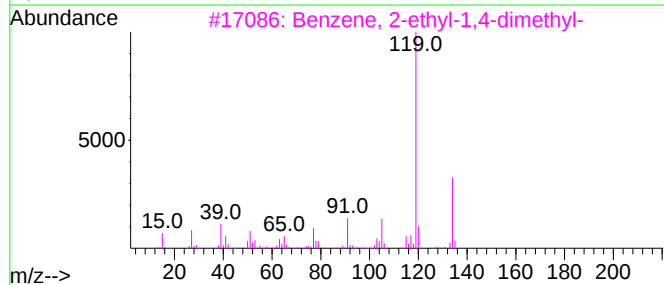
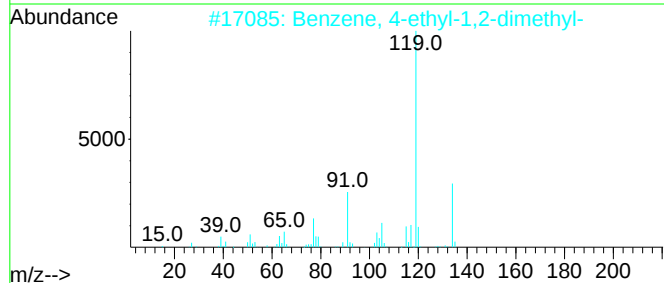
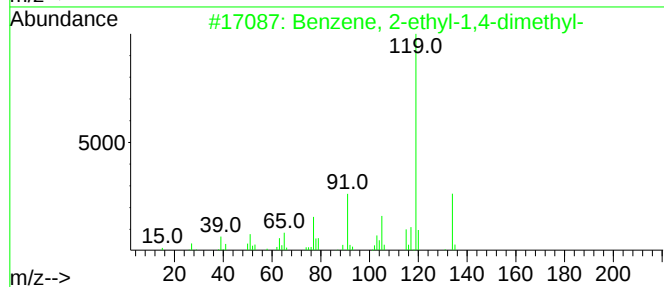
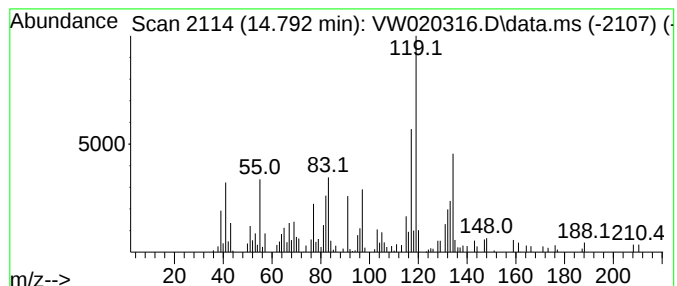
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Quant Title : SFAM01.0

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

Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	4.03 ug/L	48117	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	50
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	50
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	50
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020316.D
Acq On : 06 Oct 2021 15:00
Operator : SY/VA
Sample : M3974-10RE
Misc : 7.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Z4RE

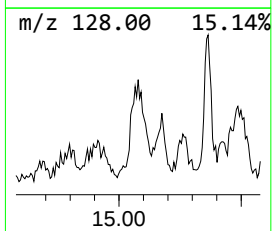
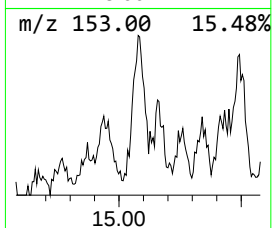
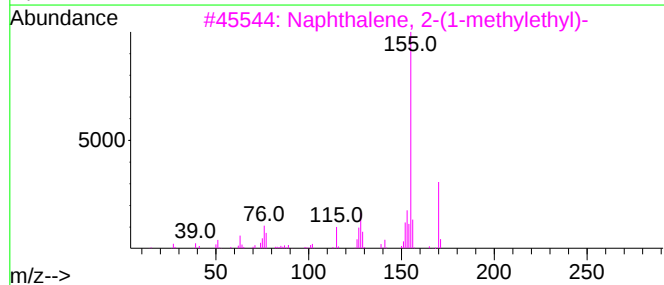
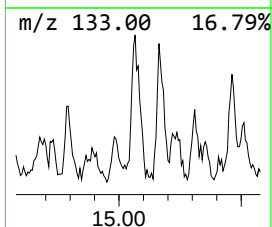
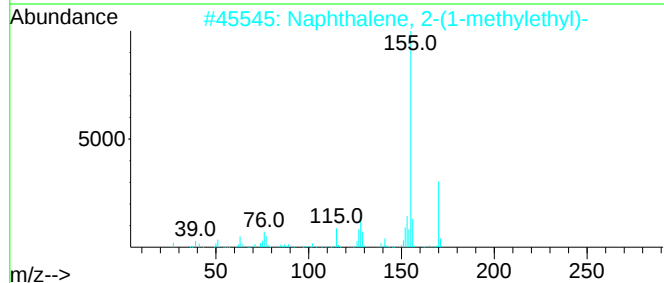
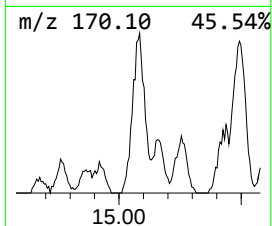
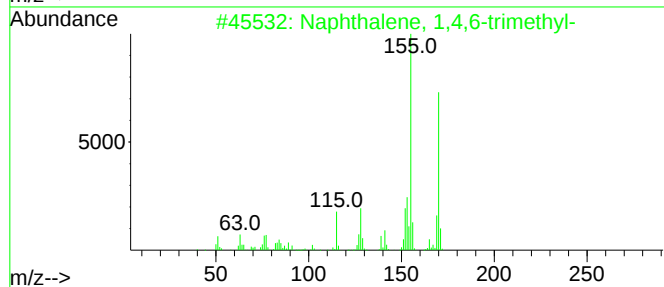
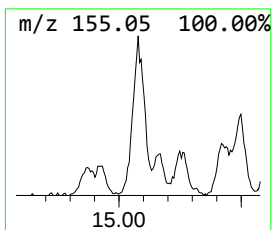
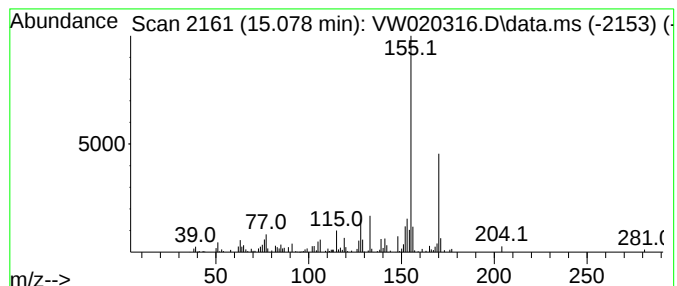
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Quant Title : SFAM01.0

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

Peak Number 9 Naphthalene, 1,4,6-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.078	7.10 ug/L	84726	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
2			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
3			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
4			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020316.D
Acq On : 06 Oct 2021 15:00
Operator : SY/VA
Sample : M3974-10RE
Misc : 7.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Z4RE

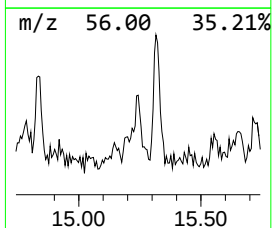
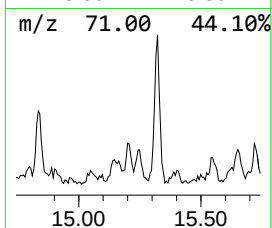
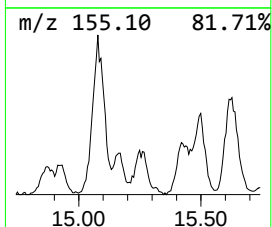
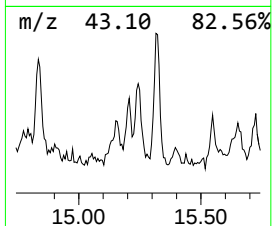
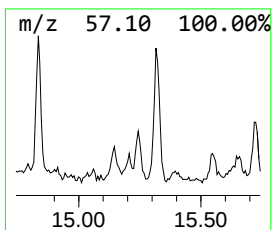
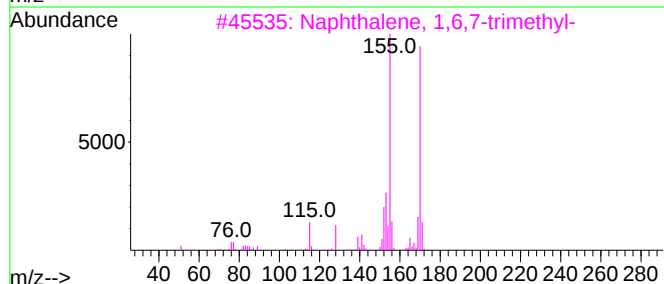
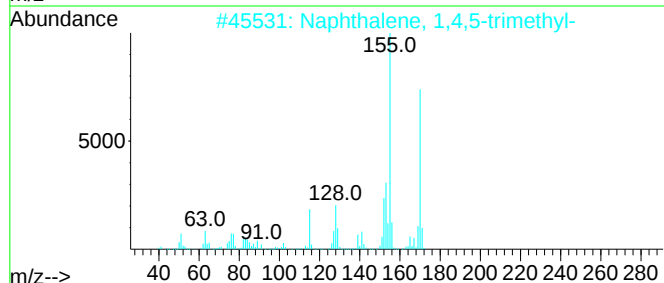
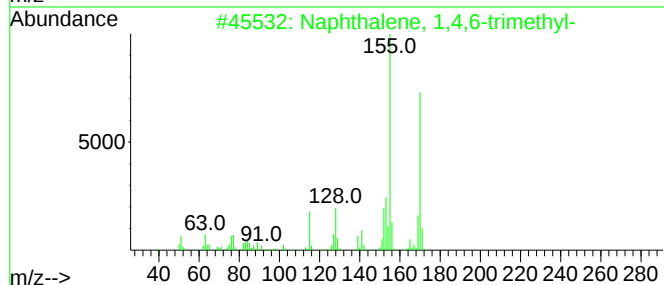
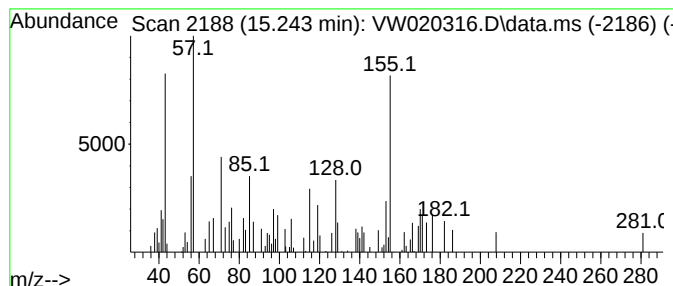
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Quant Title : SFAM01.0

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

Peak Number 10 unknown-02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.243	2.11 ug/L	25202	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	49
2			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	47
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	46
4			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	38
5			1-tert-Butyl-6,7-difluoro-1,2,3-...	211	C10H11F2N3	1375068-83-9	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020316.D
Acq On : 06 Oct 2021 15:00
Operator : SY/VA
Sample : M3974-10RE
Misc : 7.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Z4RE

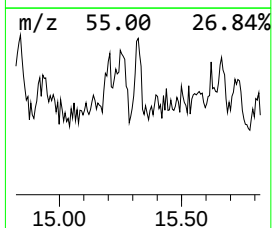
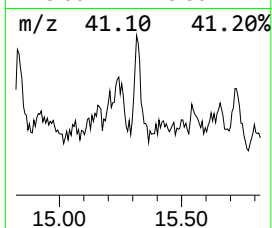
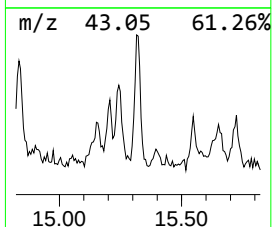
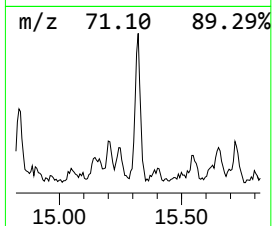
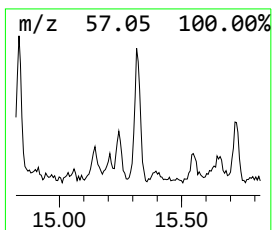
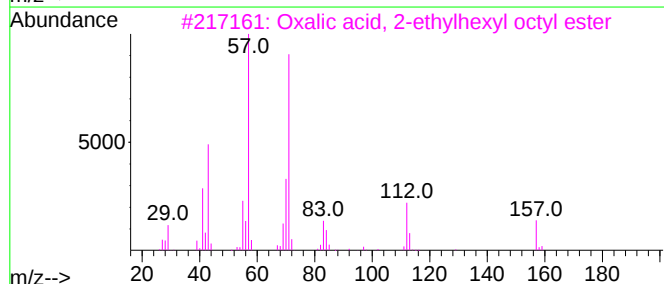
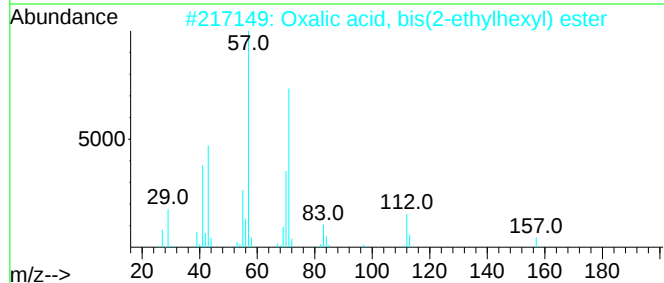
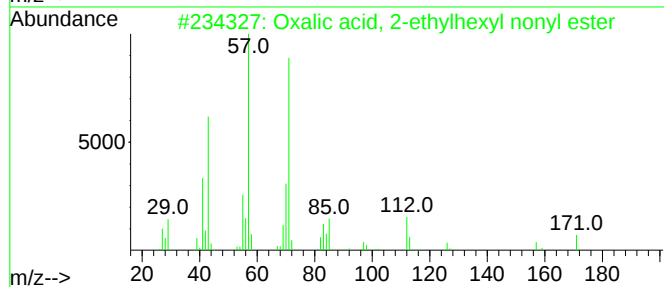
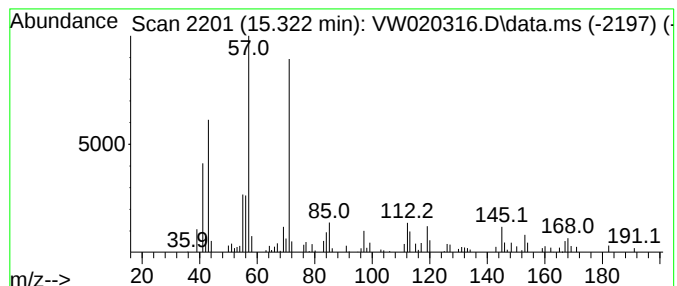
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Quant Title : SFAM01.0

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

Peak Number 11 Oxalic acid, 2-ethylhexyl n... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	1.89 ug/L	22606	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	72
2			Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	59
3			Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	53
4			Nonane, 5-propyl-	170	C12H26	000998-35-6	53
5			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020316.D
Acq On : 06 Oct 2021 15:00
Operator : SY/VA
Sample : M3974-10RE
Misc : 7.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Z4RE

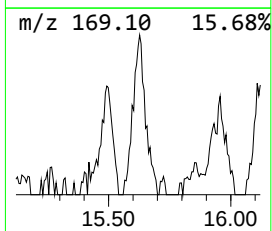
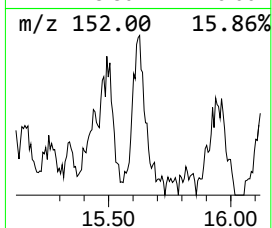
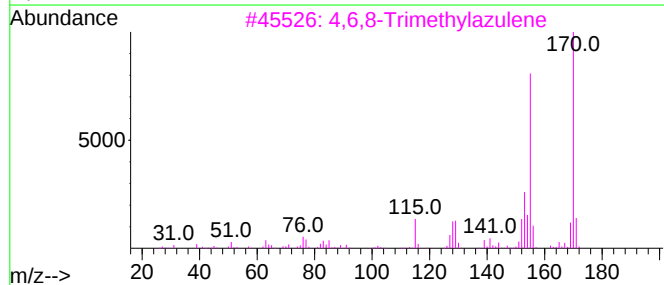
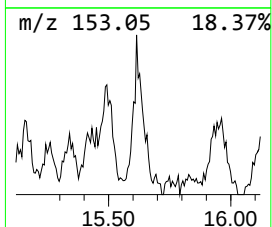
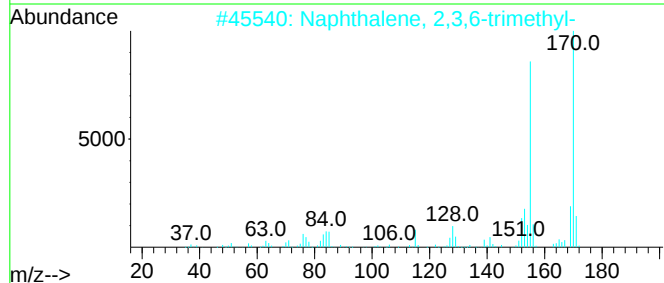
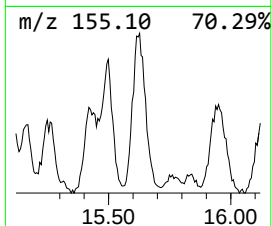
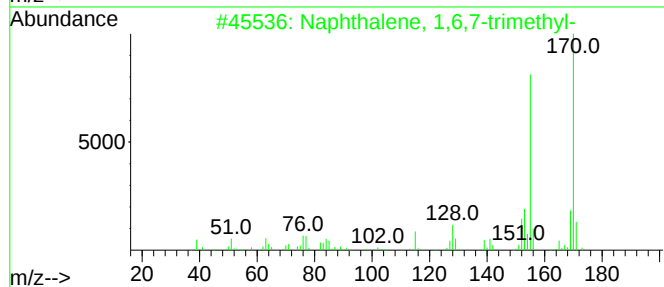
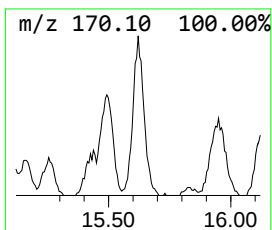
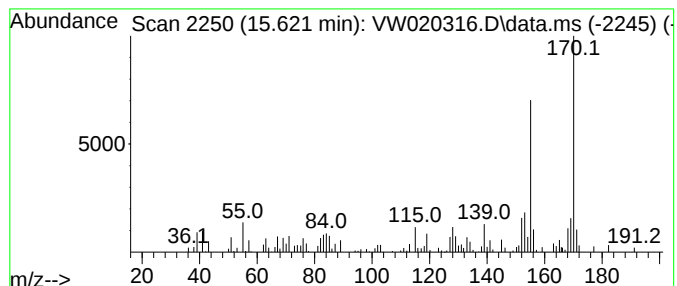
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Quant Title : SFAM01.0

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

Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.621	6.01 ug/L	71669	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020316.D
Acq On : 06 Oct 2021 15:00
Operator : SY/VA
Sample : M3974-10RE
Misc : 7.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

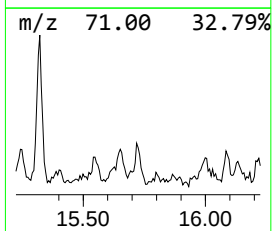
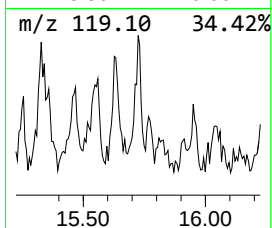
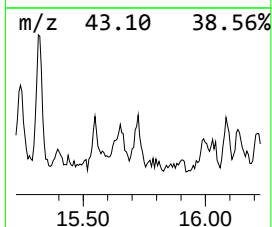
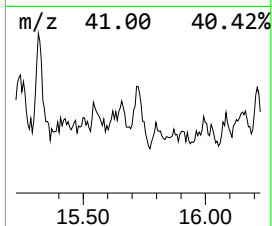
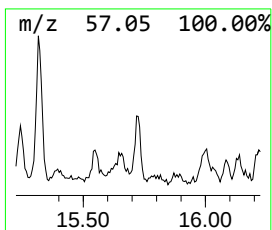
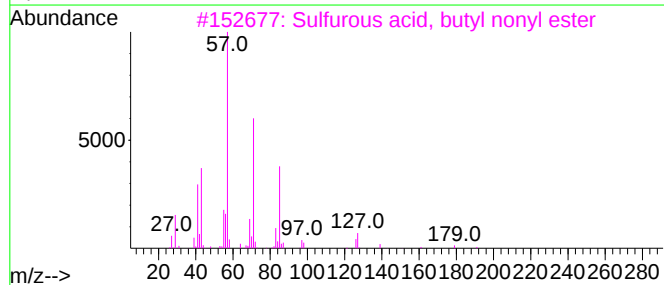
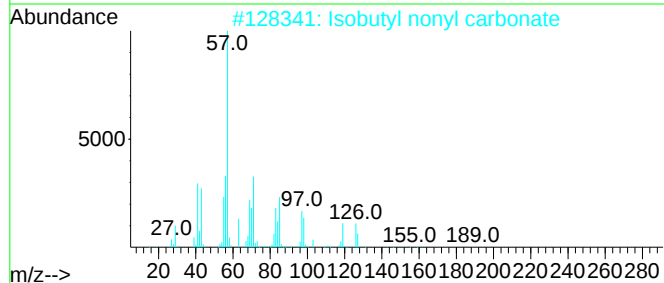
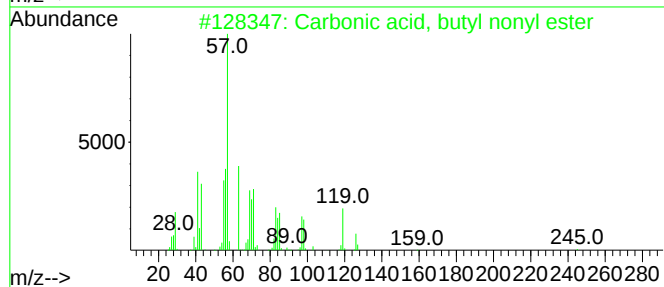
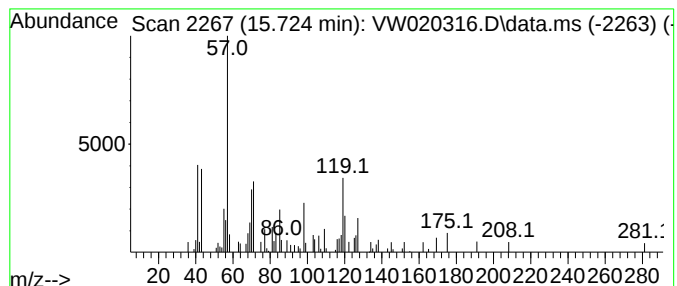
Instrument :
MSVOA_W
ClientSampleId :
EW8Z4RE

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Quant Title : SFAM01.0

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

Peak Number 13 unknown-03 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.725	1.52 ug/L	18106	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Carbonic acid, butyl nonyl ester		244	C14H28O3	1000314-63-6	43
2	Isobutyl nonyl carbonate		244	C14H28O3	959311-27-4	38
3	Sulfurous acid, butyl nonyl ester		264	C13H28O3S	1000309-17-6	27
4	Sulfurous acid, butyl dodecyl ester		306	C16H34O3S	1000309-17-9	22
5	Tridecane, 6-methyl-		198	C14H30	013287-21-3	16



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020316.D
Acq On : 06 Oct 2021 15:00
Operator : SY/VA
Sample : M3974-10RE
Misc : 7.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
EW8Z4RE

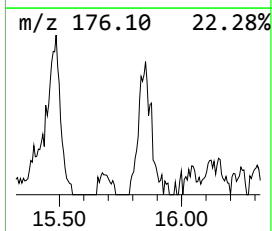
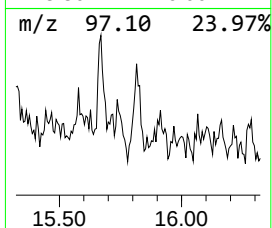
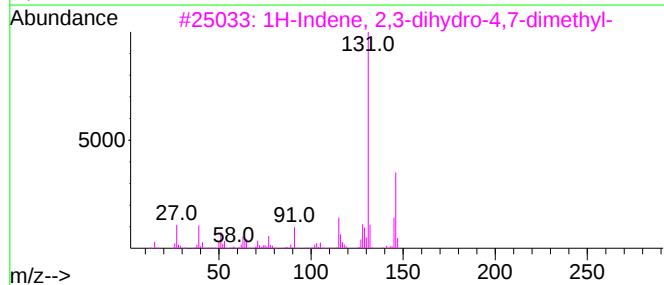
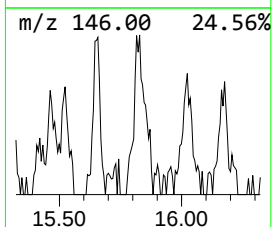
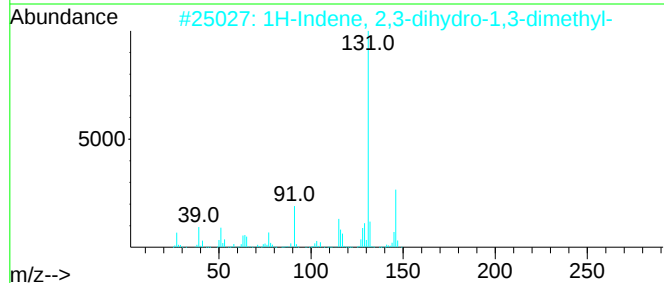
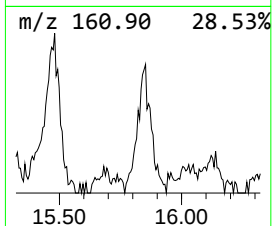
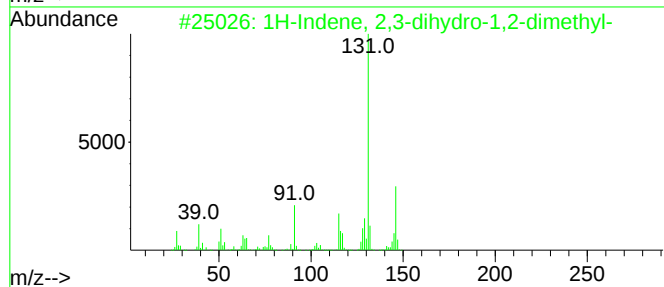
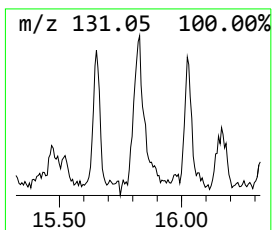
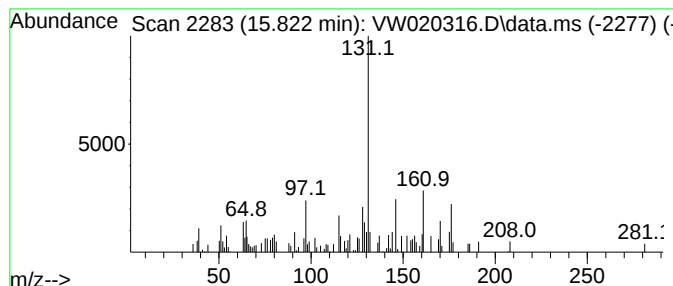
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Quant Title : SFAM01.0

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

Peak Number 14 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.822	1.66 ug/L	19804	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	50
2			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	43
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	43
4			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	43
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020316.D
Acq On : 06 Oct 2021 15:00
Operator : SY/VA
Sample : M3974-10RE
Misc : 7.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Z4RE

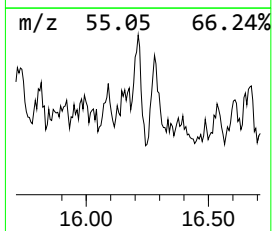
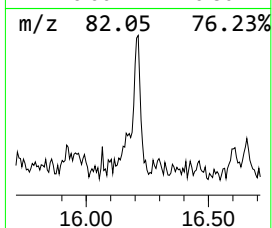
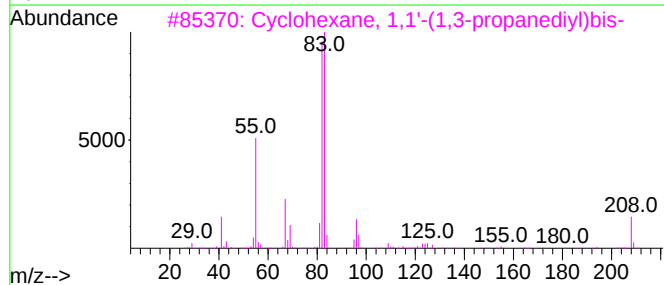
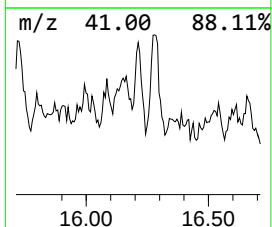
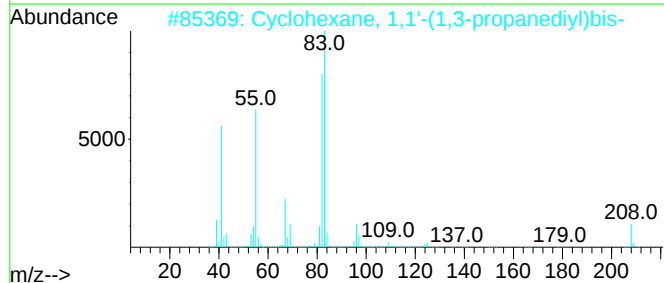
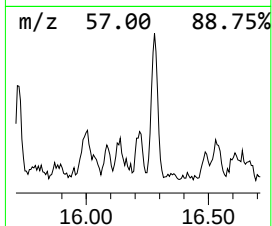
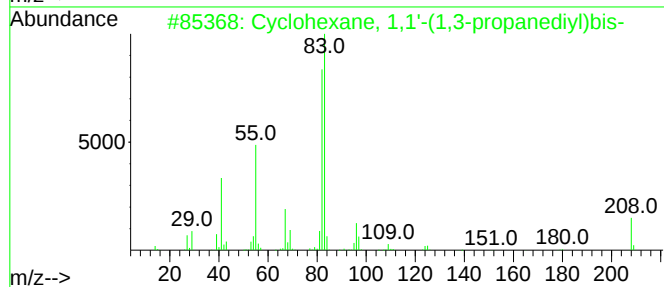
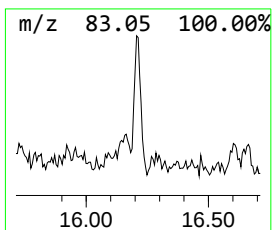
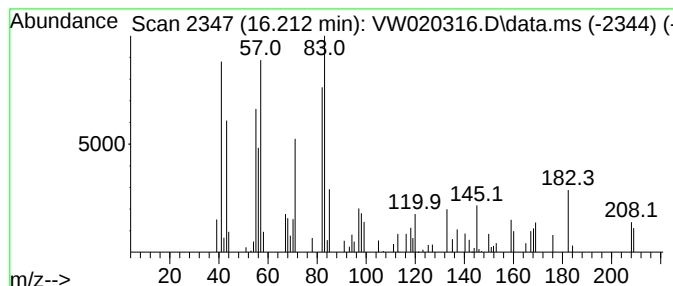
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Quant Title : SFAM01.0

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

Peak Number 15 unknown-04 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.212	1.45 ug/L	17291	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	45
2			Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	43
3			Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	25
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	25
5			3-Hexen-2-one	98	C6H10O	000763-93-9	11



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020316.D
Acq On : 06 Oct 2021 15:00
Operator : SY/VA
Sample : M3974-10RE
Misc : 7.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Z4RE

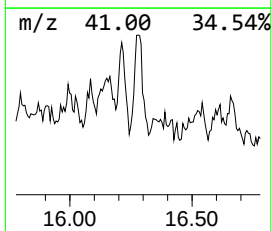
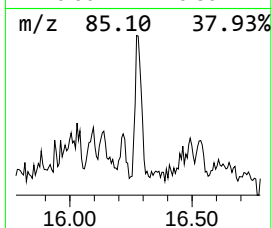
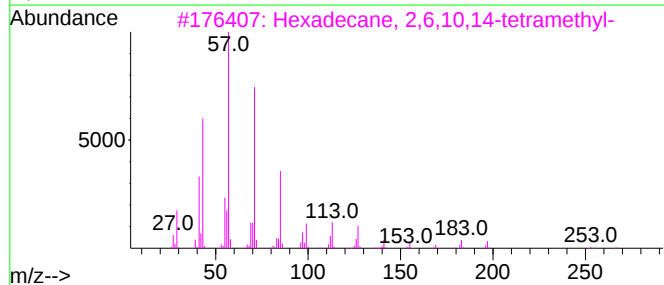
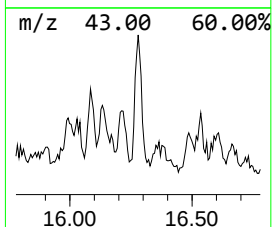
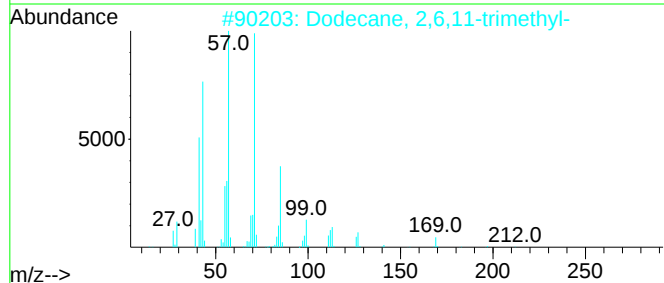
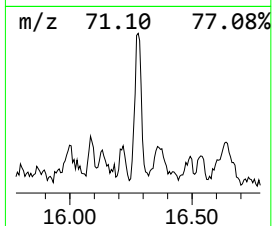
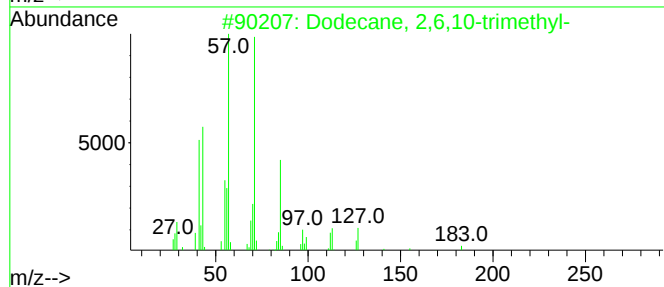
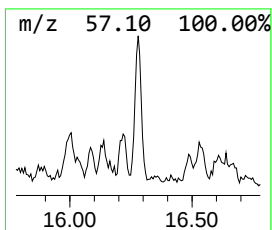
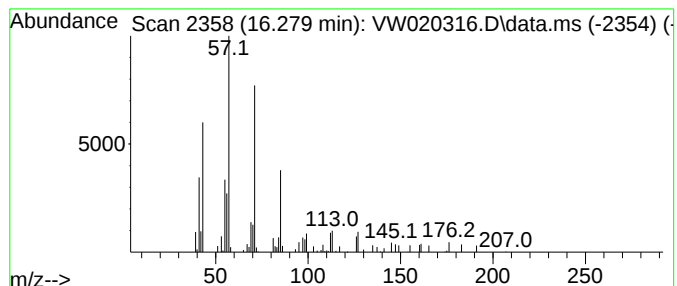
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.279	1.49 ug/L	17812	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
5			Tetracosane	338	C24H50	000646-31-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020316.D
Acq On : 06 Oct 2021 15:00
Operator : SY/VA
Sample : M3974-10RE
Misc : 7.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Z4RE

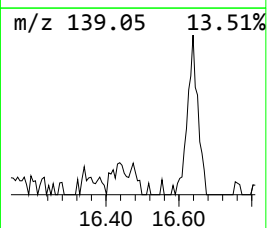
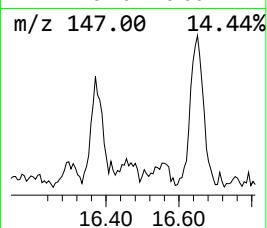
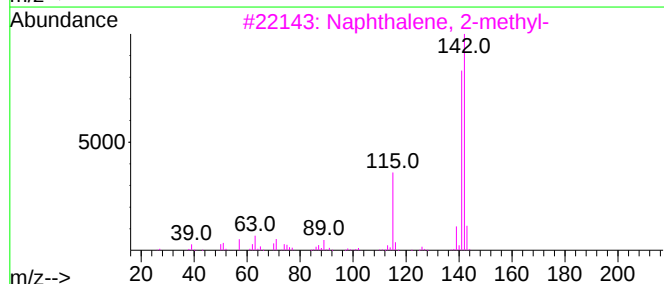
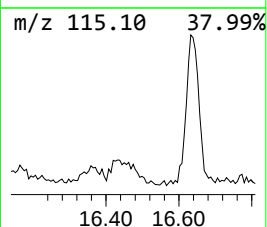
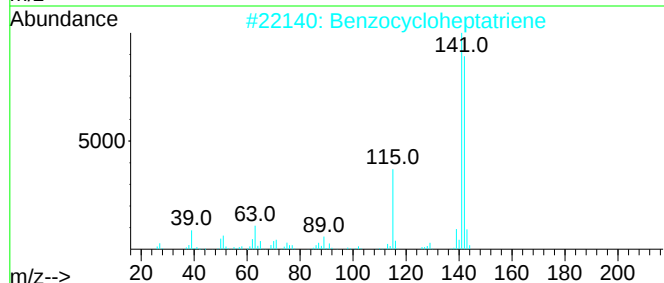
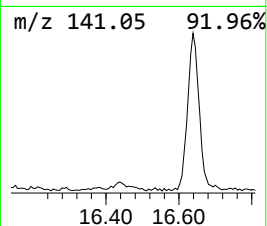
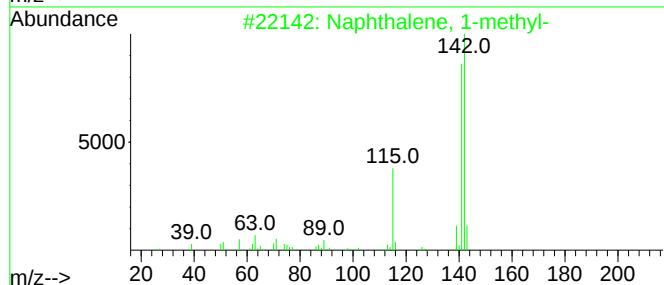
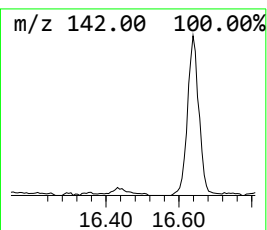
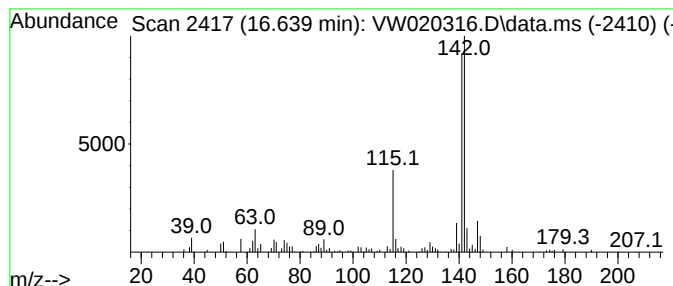
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Quant Title : SFAM01.0

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

Peak Number 17 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	7.06 ug/L	84208	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Benzocycloheptatriene	142	C11H10	000264-09-5	96
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020316.D
 Acq On : 06 Oct 2021 15:00
 Operator : SY/VA
 Sample : M3974-10RE
 Misc : 7.44g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW8Z4RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.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	4.611	2.7	ug/L	58711	1	8.848	538694	25.0
(DEL) Alkane: S...	11.512	2.2	ug/L	40475	2	11.634	459515	25.0
Naphthalene, 2,...	12.896	2.1	ug/L	25138	3	13.560	298247	25.0
Naphthalene, 1,...	13.329	7.3	ug/L	87140	3	13.560	298247	25.0
Naphthalene, 2,...	13.457	4.6	ug/L	54496	3	13.560	298247	25.0
1H-Indene, 2,3-...	14.206	1.3	ug/L	15447	3	13.560	298247	25.0
Benzene, 2-ethy...	14.792	4.0	ug/L	48117	3	13.560	298247	25.0
Naphthalene, 1,...	15.078	7.1	ug/L	84726	3	13.560	298247	25.0
unknown-02	15.243	2.1	ug/L	25202	3	13.560	298247	25.0
Oxalic acid, 2-...	15.322	1.9	ug/L	22606	3	13.560	298247	25.0
Naphthalene, 1,...	15.621	6.0	ug/L	71669	3	13.560	298247	25.0
unknown-03	15.725	1.5	ug/L	18106	3	13.560	298247	25.0
1H-Indene, 2,3-...	15.822	1.7	ug/L	19804	3	13.560	298247	25.0
unknown-04	16.212	1.5	ug/L	17291	3	13.560	298247	25.0
(DEL) Alkane: S...	16.279	1.5	ug/L	17812	3	13.560	298247	25.0
Naphthalene, 1-...	16.639	7.1	ug/L	84208	3	13.560	298247	25.0