

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020313.D
 Acq On : 06 Oct 2021 13:48
 Operator : SY/VA
 Sample : VIBLK450
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK450

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: VW020313.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.349	67	73	83	rVB	109015	172450	14.00%	1.343%
2	2.763	138	141	143	rBV4	1055	1270	0.10%	0.010%
3	2.879	153	160	171	rBV	34911	72617	5.89%	0.565%
4	3.184	208	210	227	rVB7	2848	8208	0.67%	0.064%
5	3.367	236	240	241	rBV2	267	330	0.03%	0.003%
6	3.379	241	242	244	rVV2	303	202	0.02%	0.002%
7	3.599	276	278	280	rBV2	213	236	0.02%	0.002%
8	3.623	280	282	286	rVB3	218	322	0.03%	0.003%
9	3.684	286	292	296	rBV4	376	633	0.05%	0.005%
10	3.733	296	300	302	rBV2	113	176	0.01%	0.001%
11	4.013	335	346	361	rBV	143731	422007	34.25%	3.286%
12	4.153	364	369	377	rVB3	570	1366	0.11%	0.011%
13	4.257	377	386	396	rVB3	2276	6788	0.55%	0.053%
14	4.415	408	412	413	rBV3	171	153	0.01%	0.001%
15	4.440	413	416	418	rBV4	385	489	0.04%	0.004%
16	4.464	418	420	424	rVB2	216	232	0.02%	0.002%
17	4.495	424	425	428	rVB2	230	227	0.02%	0.002%
18	4.641	446	449	452	rBV	111	173	0.01%	0.001%
19	4.818	474	478	480	rBV2	99	152	0.01%	0.001%
20	4.915	481	494	508	rVB2	25404	79917	6.49%	0.622%
21	5.123	523	528	531	rBV3	250	500	0.04%	0.004%
22	5.153	531	533	536	rVB2	160	172	0.01%	0.001%
23	5.257	546	550	554	rVB	138	179	0.01%	0.001%
24	5.324	559	561	564	rVB2	147	154	0.01%	0.001%
25	5.452	580	582	587	rVB	184	223	0.02%	0.002%
26	5.940	652	662	674	rVB3	7771	23909	1.94%	0.186%
27	6.171	697	700	706	rVB2	114	219	0.02%	0.002%
28	6.994	833	835	838	rBV2	185	253	0.02%	0.002%
29	7.086	841	850	872	rBV	32110	98333	7.98%	0.766%
30	7.275	878	881	882	rBV3	182	191	0.02%	0.001%
31	7.287	882	883	888	rVB2	154	154	0.01%	0.001%
32	7.439	905	908	909	rBV2	211	157	0.01%	0.001%
33	7.519	919	921	922	rBV	321	191	0.02%	0.001%
34	7.543	924	925	928	rBV2	207	198	0.02%	0.002%
35	7.647	931	942	956	rBV	198163	490732	39.83%	3.821%
36	7.769	959	962	970	rVB6	518	1038	0.08%	0.008%

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

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

37	7.860	970	977	978	rBV3	533	1007	0.08%	0.008%
38	7.951	984	992	994	rBV6	767	1626	0.13%	0.013%
39	8.012	1000	1002	1004	rBV3	238	278	0.02%	0.002%
40	8.037	1004	1006	1010	rBV5	264	323	0.03%	0.003%
41	8.086	1010	1014	1018	rBV6	441	755	0.06%	0.006%
42	8.128	1018	1021	1022	rBV3	299	355	0.03%	0.003%
43	8.153	1023	1025	1028	rVB3	420	359	0.03%	0.003%
44	8.189	1028	1031	1035	rVB4	275	479	0.04%	0.004%
45	8.275	1035	1045	1060	rBV2	419636	1232183	100.00%	9.595%
46	8.701	1110	1115	1116	rBV4	966	1591	0.13%	0.012%
47	8.842	1129	1138	1149	rBV	374443	739267	60.00%	5.756%
48	9.031	1167	1169	1170	rBV2	577	546	0.04%	0.004%
49	9.274	1200	1209	1220	rBV	286064	578799	46.97%	4.507%
50	9.512	1246	1248	1254	rVB7	987	1211	0.10%	0.009%
51	10.036	1327	1334	1343	rBV	160627	298116	24.19%	2.321%
52	10.323	1373	1381	1388	rBV	613042	1071061	86.92%	8.340%
53	10.384	1389	1391	1397	rVB	9350	15231	1.24%	0.119%
54	10.579	1417	1423	1431	rBV	103720	176129	14.29%	1.371%
55	10.707	1438	1444	1449	rVB	24300	39787	3.23%	0.310%
56	10.927	1474	1480	1488	rBV	133317	237290	19.26%	1.848%
57	11.634	1589	1596	1604	rBV	518507	900458	73.08%	7.012%
58	11.841	1628	1630	1634	rVB3	5543	5540	0.45%	0.043%
59	12.408	1712	1723	1750	rVB2	54640	337613	27.40%	2.629%
60	12.597	1752	1754	1761	rVB2	23043	42387	3.44%	0.330%
61	12.694	1764	1770	1776	rVB	192365	327090	26.55%	2.547%
62	12.877	1776	1800	1804	rBV2	82695	416286	33.78%	3.241%
63	13.103	1834	1837	1840	rBV2	4351	6374	0.52%	0.050%
64	13.164	1843	1847	1849	rBV4	9116	12106	0.98%	0.094%
65	13.304	1858	1870	1883	rBV4	70606	321559	26.10%	2.504%
66	13.444	1884	1893	1905	rVB5	41904	162978	13.23%	1.269%
67	13.560	1905	1912	1919	rBV	524550	863998	70.12%	6.728%
68	13.755	1941	1944	1948	rVB2	11667	16589	1.35%	0.129%
69	13.798	1948	1951	1953	rBV	3523	3721	0.30%	0.029%
70	13.853	1953	1960	1968	rBV	497876	834454	67.72%	6.498%
71	13.950	1973	1976	1983	rVB4	18537	37287	3.03%	0.290%
72	14.011	1983	1986	1987	rBV2	3223	3520	0.29%	0.027%
73	14.066	1992	1995	1996	rVV	11778	14204	1.15%	0.111%
74	14.091	1997	1999	2004	rVB	17018	23146	1.88%	0.180%
75	14.206	2012	2018	2022	rBV2	22302	39234	3.18%	0.306%
76	14.261	2023	2027	2028	rBV3	7412	8697	0.71%	0.068%

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 ClientSampleId :
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Integrator: RTE

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Stop Thrs : 0

Peak Location: TOP

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Title : SFAM01.0

77	14.341	2036	2040	2044	rBV4	14853	27431	2.23%	0.214%
78	14.389	2044	2048	2051	rVV3	23285	33811	2.74%	0.263%
79	14.426	2051	2054	2057	rVV3	19680	22035	1.79%	0.172%
80	14.493	2062	2065	2069	rBV	25871	33601	2.73%	0.262%
81	14.542	2069	2073	2080	rVB6	14287	25951	2.11%	0.202%
82	14.603	2080	2083	2084	rBV2	3884	4604	0.37%	0.036%
83	14.688	2093	2097	2101	rBV3	19536	40574	3.29%	0.316%
84	14.725	2101	2103	2107	rVV3	18228	24731	2.01%	0.193%
85	14.792	2109	2114	2118	rVV3	71915	154122	12.51%	1.200%
86	14.834	2118	2121	2128	rVB2	89247	161526	13.11%	1.258%
87	15.060	2153	2158	2162	rBV4	40965	70225	5.70%	0.547%
88	15.176	2169	2177	2184	rBV5	47319	165465	13.43%	1.288%
89	15.243	2184	2188	2196	rVB6	62542	139310	11.31%	1.085%
90	15.322	2196	2201	2211	rBV2	143155	264439	21.46%	2.059%
91	15.462	2222	2224	2228	rVB2	18527	22964	1.86%	0.179%
92	15.554	2235	2239	2247	rVB6	36198	95451	7.75%	0.743%
93	15.651	2247	2255	2261	rBV6	62050	181051	14.69%	1.410%
94	15.724	2262	2267	2275	rVB	67464	124160	10.08%	0.967%
95	16.005	2308	2313	2316	rBV4	35475	78002	6.33%	0.607%
96	16.163	2331	2339	2343	rBV8	48789	127904	10.38%	0.996%
97	16.212	2343	2347	2353	rVV3	65541	121088	9.83%	0.943%
98	16.279	2353	2358	2366	rVB	114686	206596	16.77%	1.609%
99	16.535	2397	2400	2404	rVB2	20287	27645	2.24%	0.215%
100	16.639	2409	2417	2428	rVB2	174729	531605	43.14%	4.139%

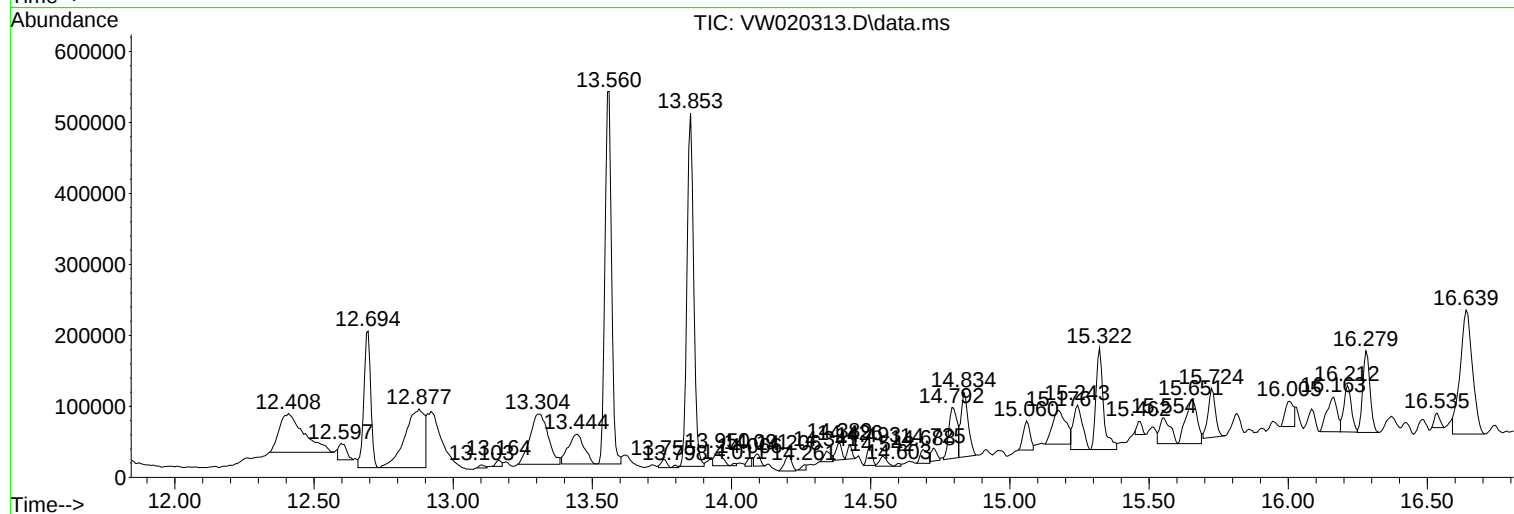
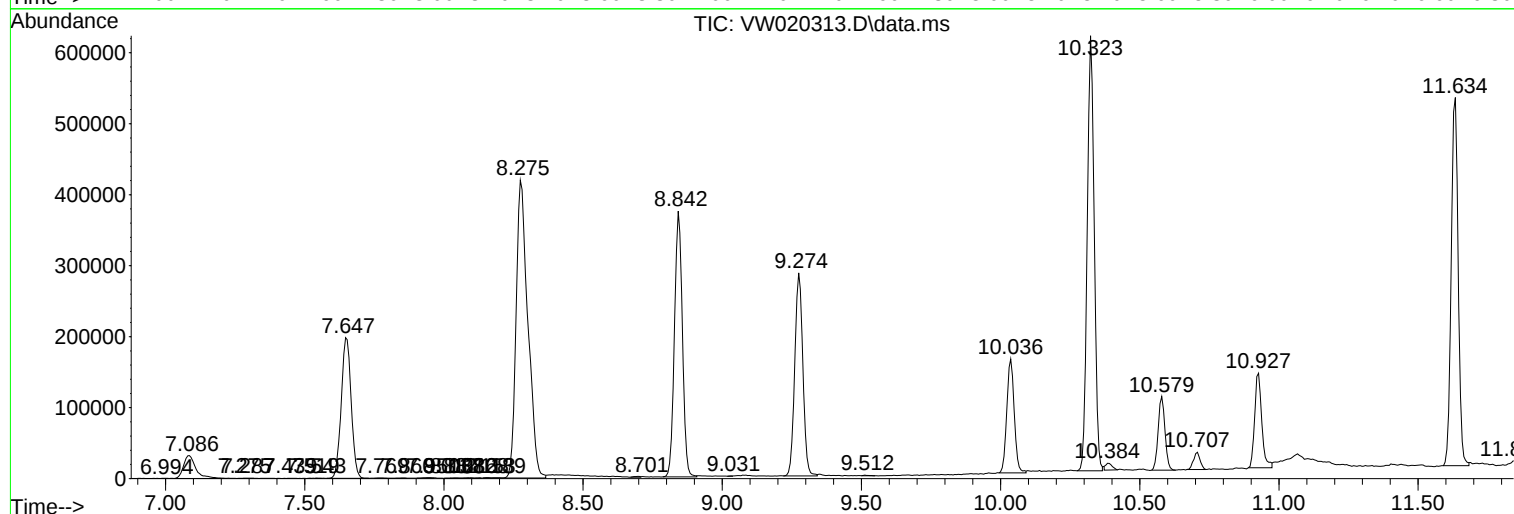
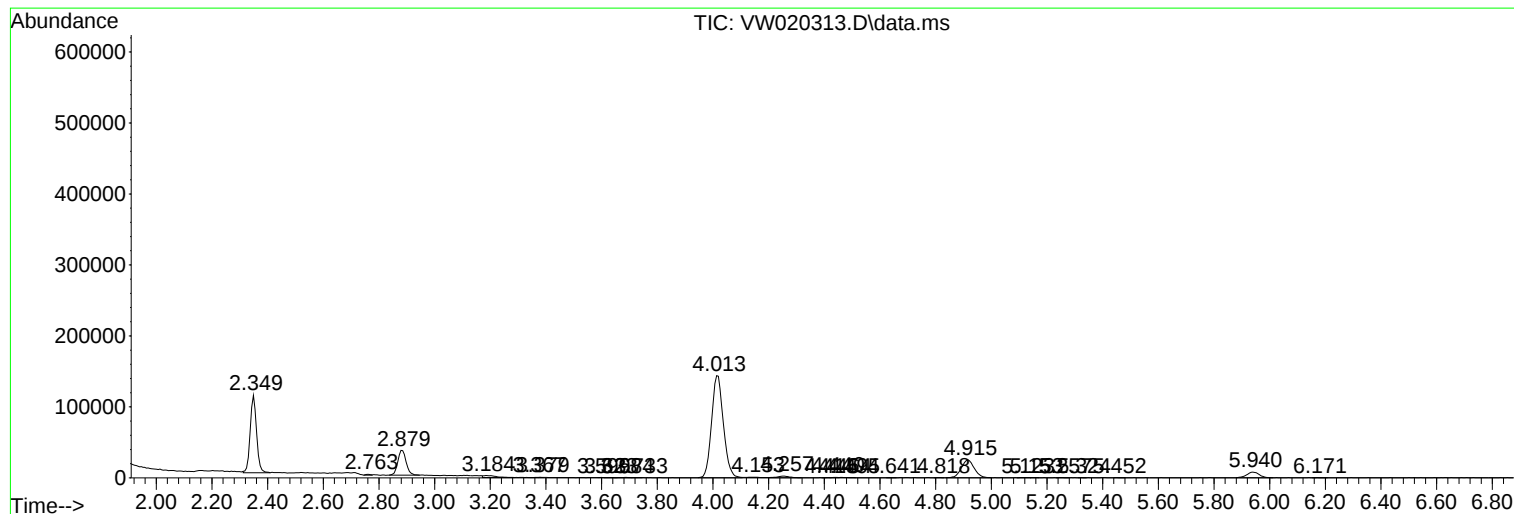
Sum of corrected areas: 12842476

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK450

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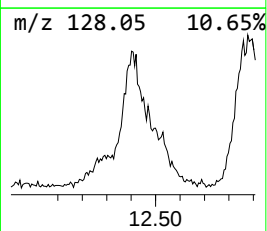
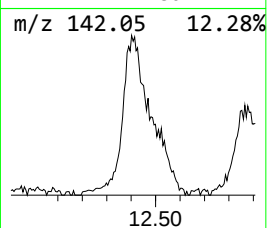
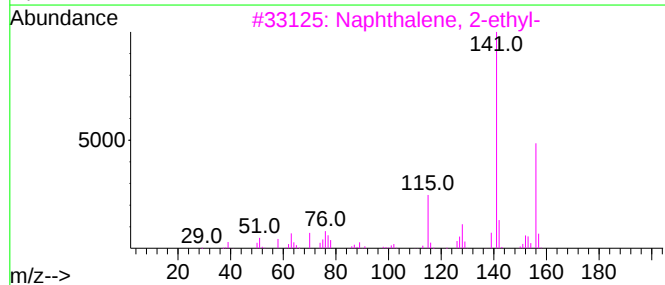
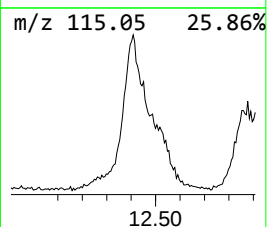
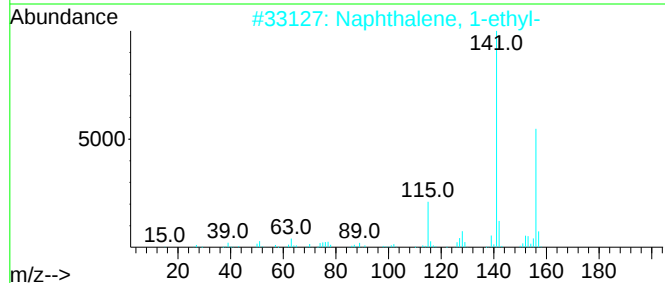
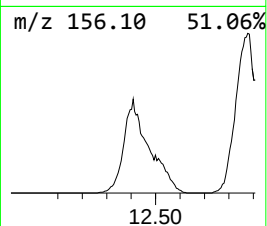
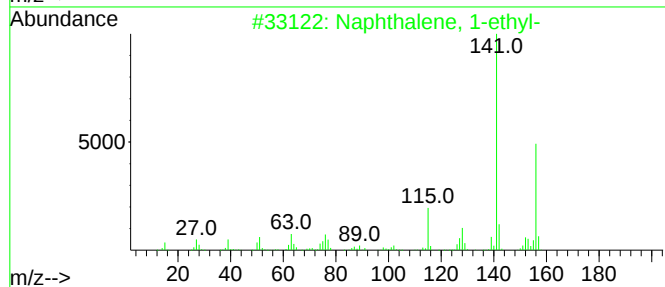
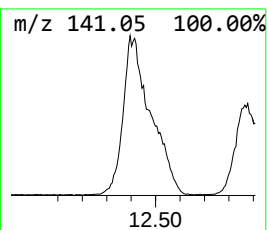
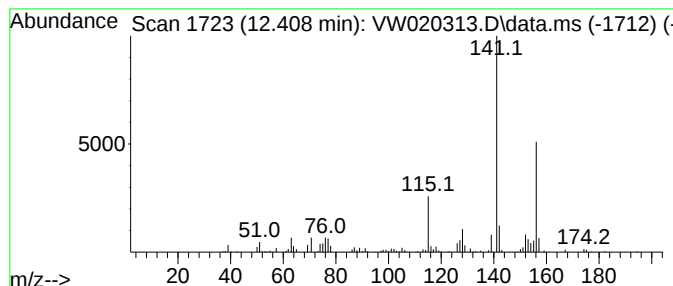
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Naphthalene, 1-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.408	9.37 ug/L	337613	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
4			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94



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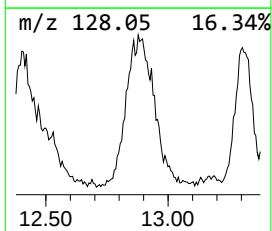
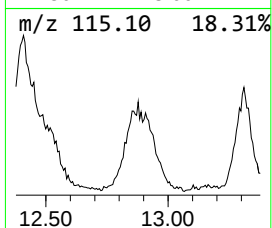
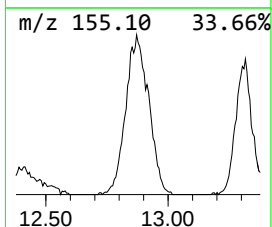
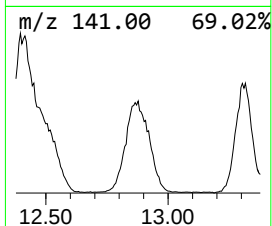
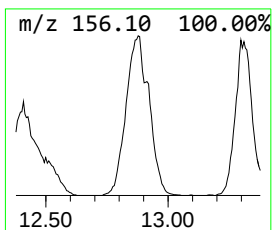
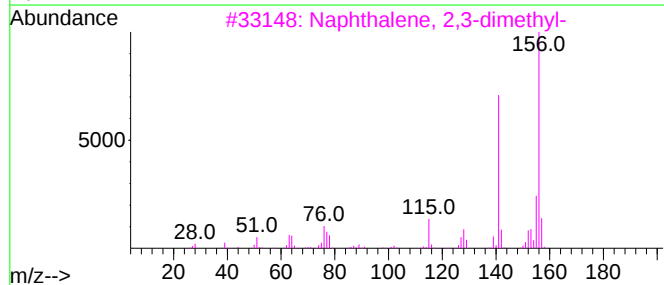
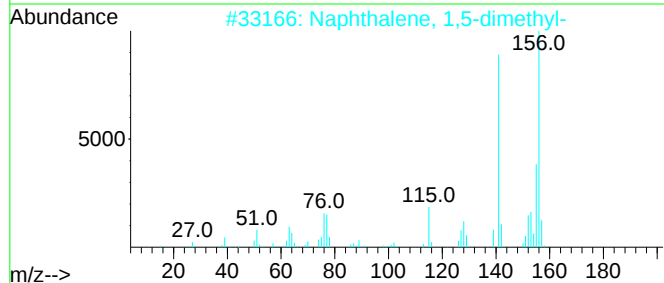
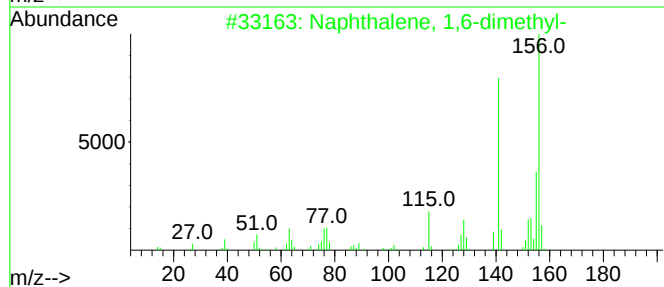
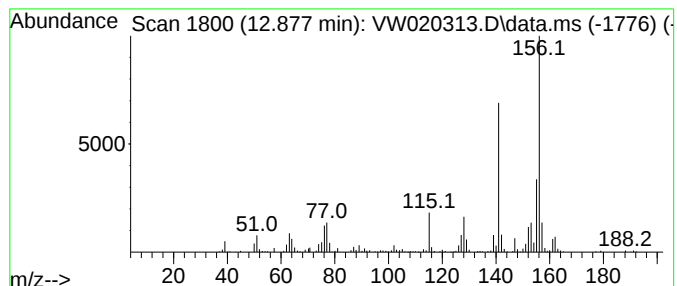
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.877	12.05 ug/L	416286	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



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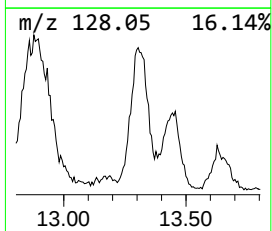
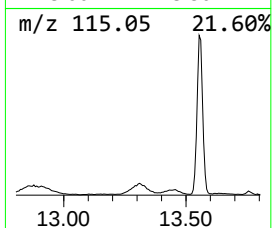
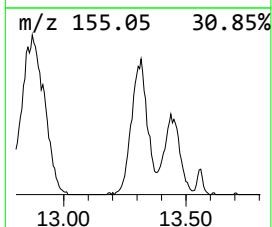
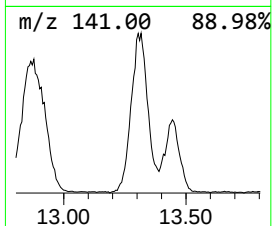
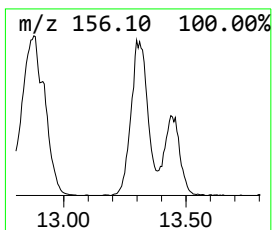
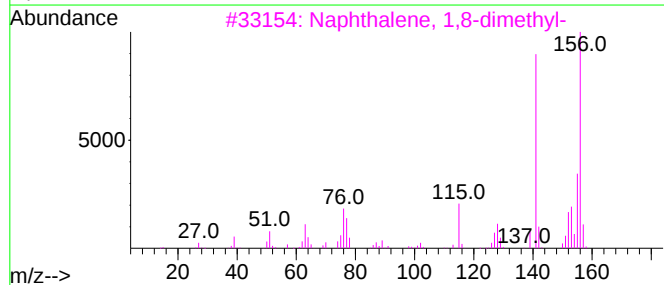
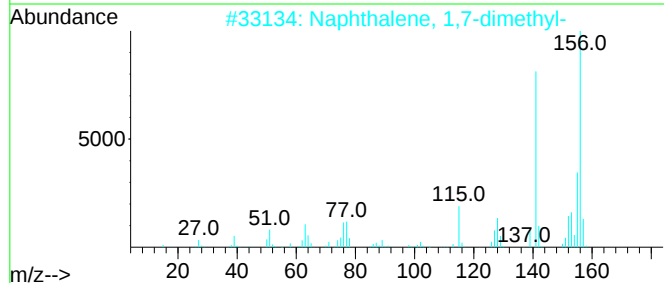
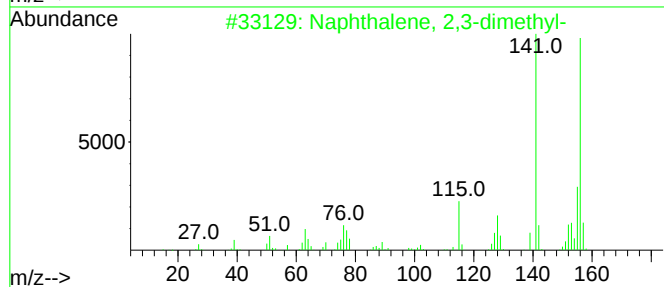
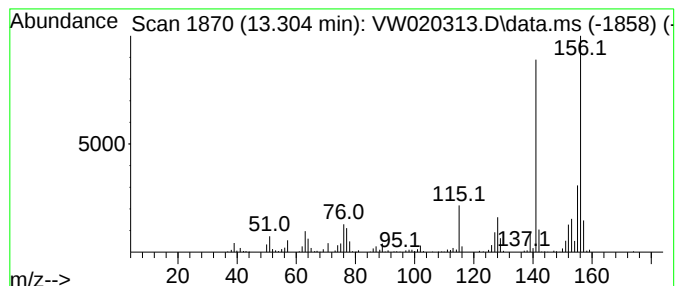
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.304	9.30 ug/L	321559	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	98
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020313.D
Acq On : 06 Oct 2021 13:48
Operator : SY/VA
Sample : VIBLK450
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK450

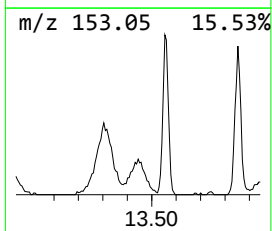
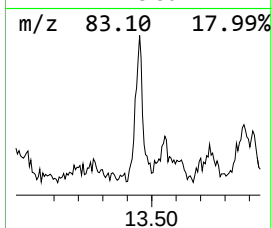
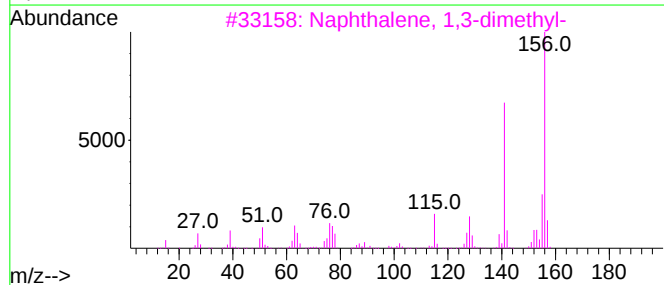
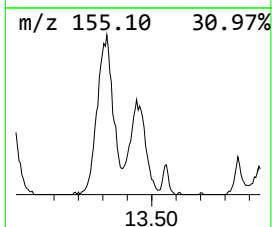
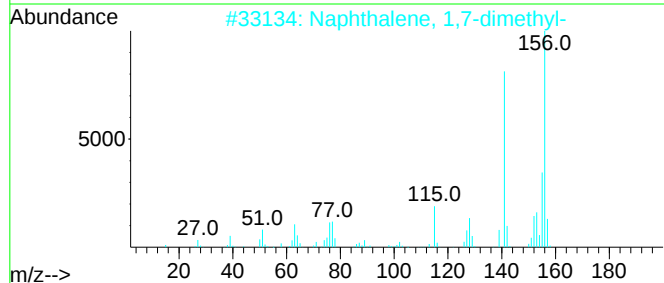
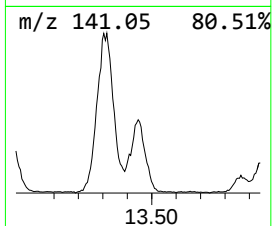
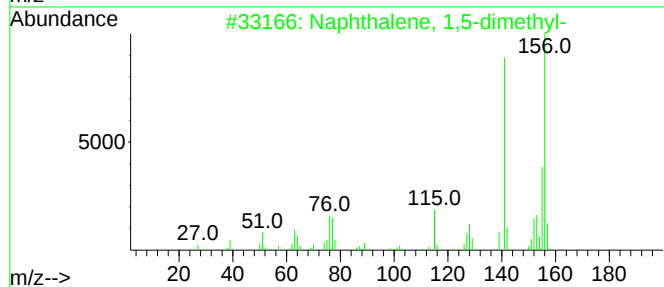
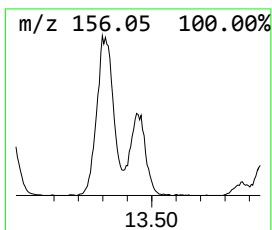
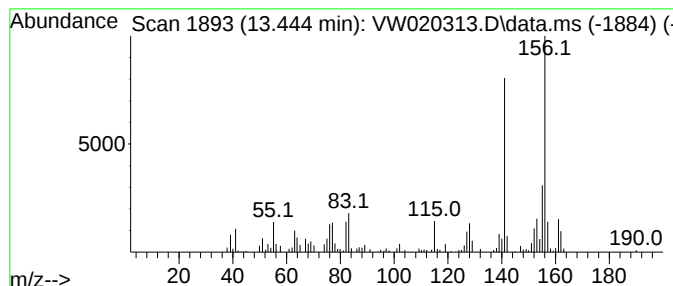
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Quant Title : SFAM01.0

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

Peak Number 5 Naphthalene, 1,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.444	4.72 ug/L	162978	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
4			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	98
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020313.D
Acq On : 06 Oct 2021 13:48
Operator : SY/VA
Sample : VIBLK450
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK450

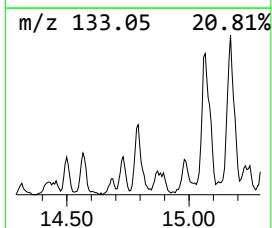
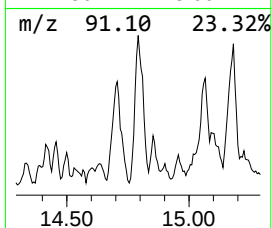
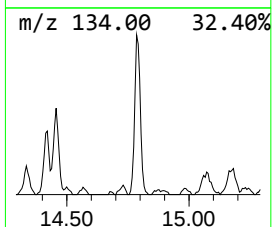
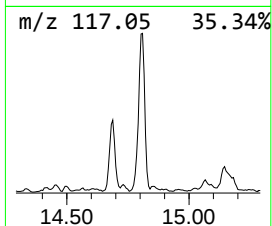
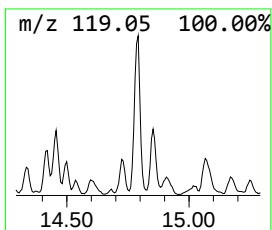
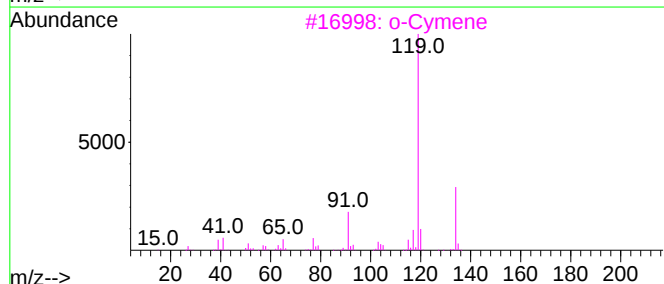
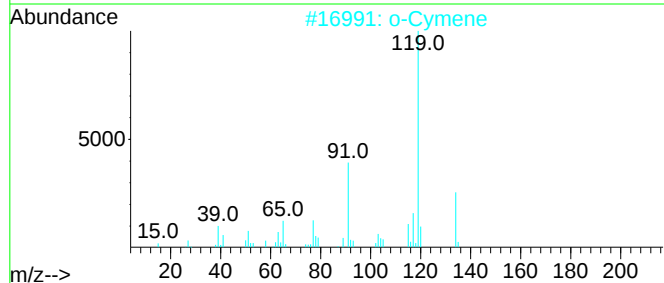
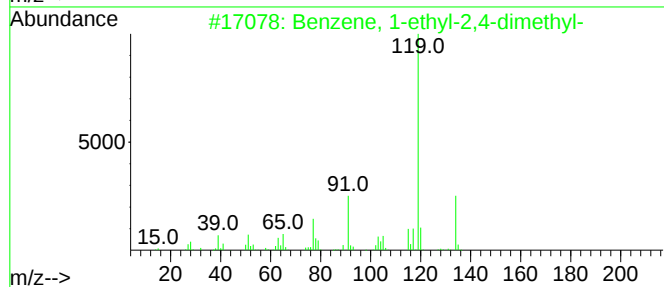
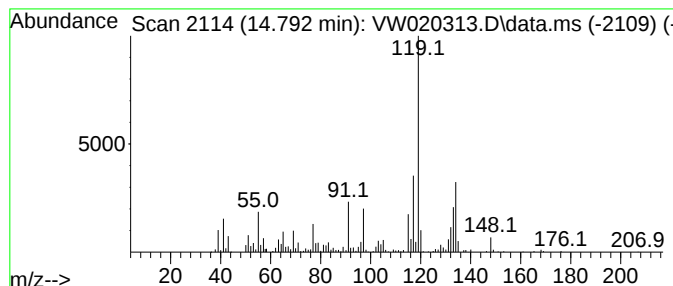
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Quant Title : SFAM01.0

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

Peak Number 6 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	4.46 ug/L	154122	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
2			o-Cymene	134	C10H14	000527-84-4	64
3			o-Cymene	134	C10H14	000527-84-4	64
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
5			o-Cymene	134	C10H14	000527-84-4	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020313.D
Acq On : 06 Oct 2021 13:48
Operator : SY/VA
Sample : VIBLK450
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK450

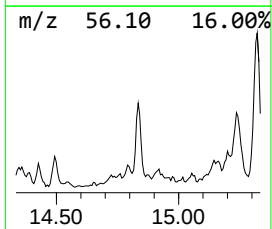
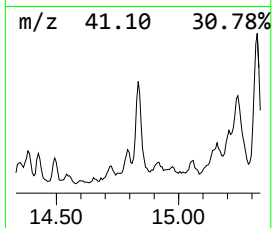
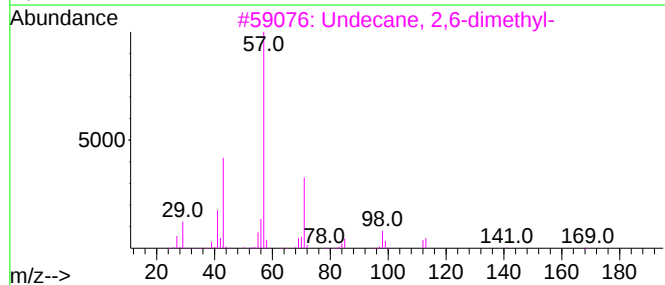
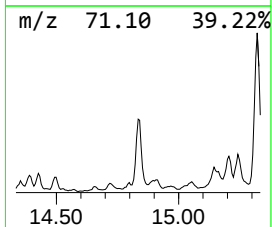
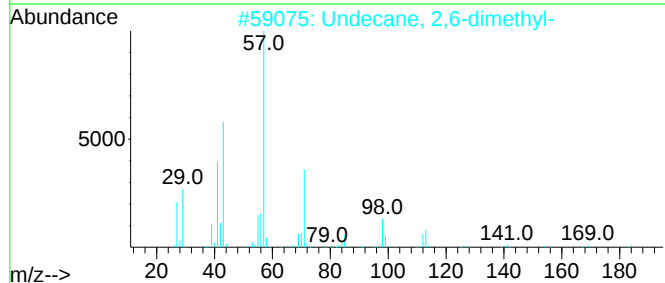
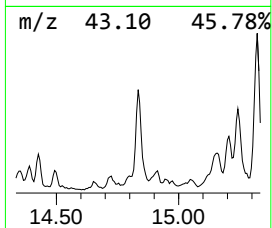
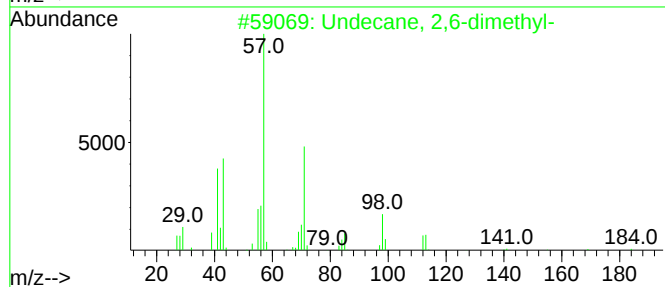
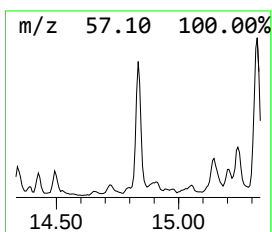
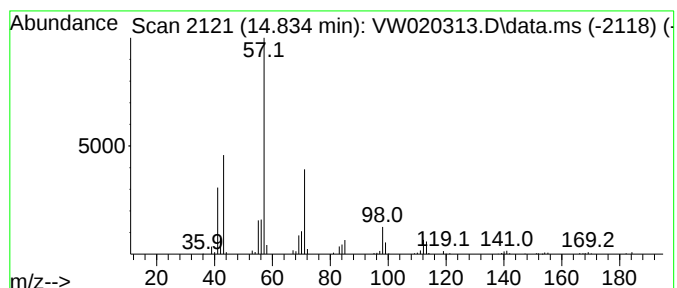
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.834	4.67 ug/L	161526	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	91
4			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
5			Octane, 4-ethyl-	142	C10H22	015869-86-0	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020313.D
Acq On : 06 Oct 2021 13:48
Operator : SY/VA
Sample : VIBLK450
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK450

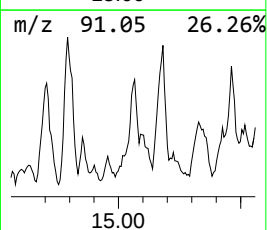
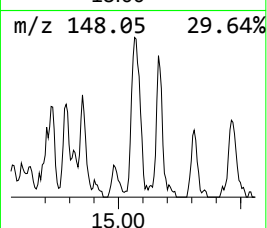
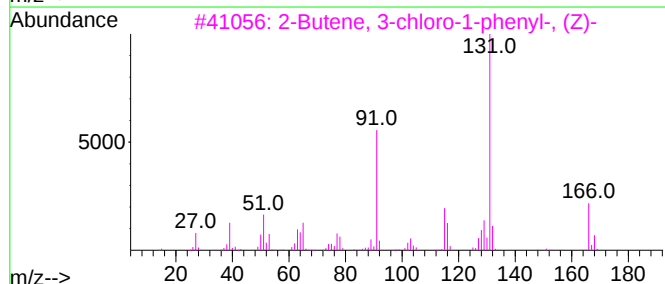
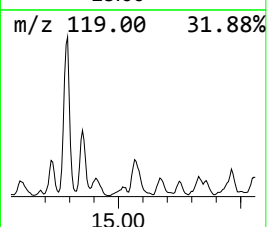
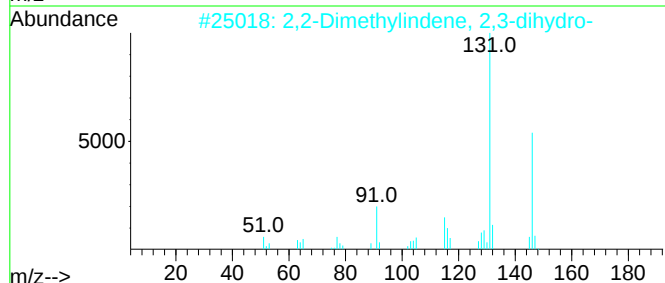
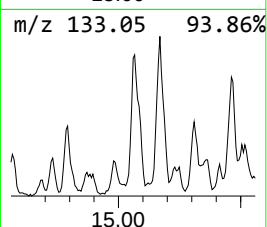
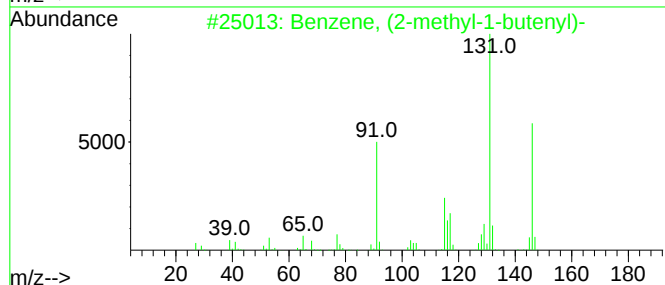
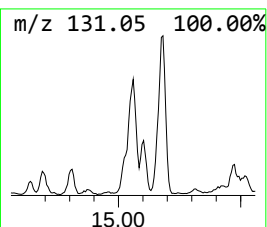
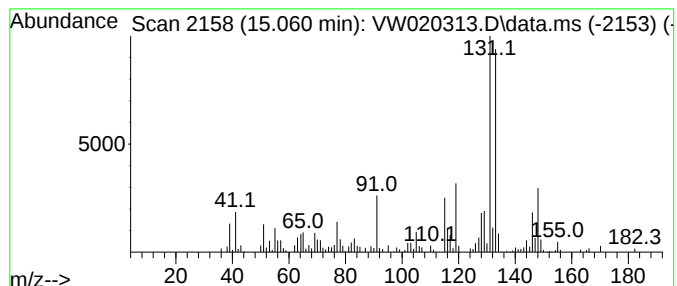
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Quant Title : SFAM01.0

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

Peak Number 8 Benzene, (2-methyl-1-butenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	2.03 ug/L	70225	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	55
2			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	50
3			2-Butene, 3-chloro-1-phenyl-, (Z)-	166	C10H11Cl	016608-68-7	50
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	49
5			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020313.D
Acq On : 06 Oct 2021 13:48
Operator : SY/VA
Sample : VIBLK450
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK450

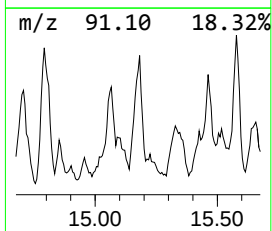
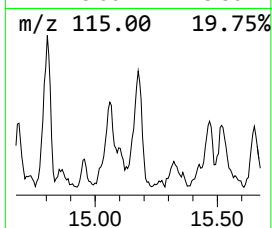
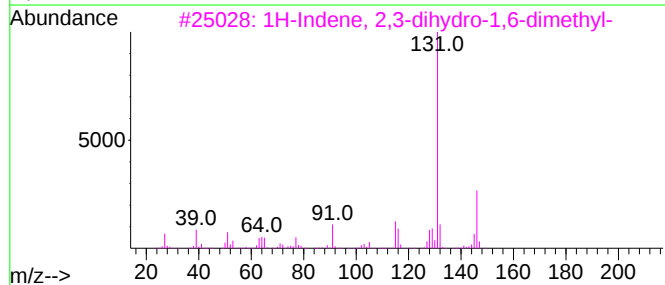
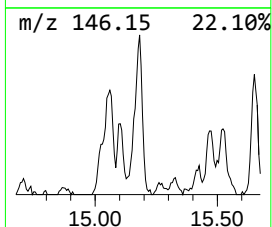
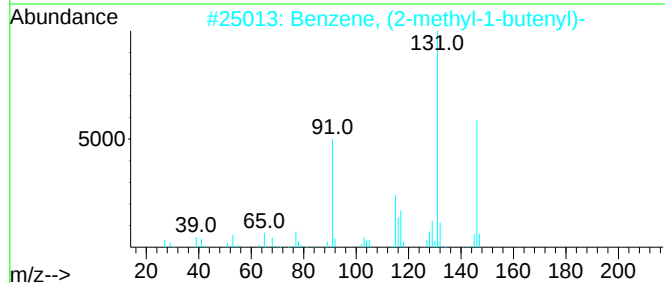
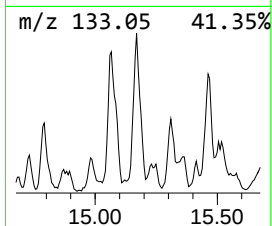
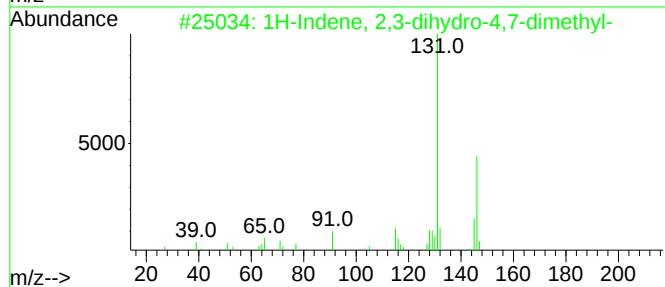
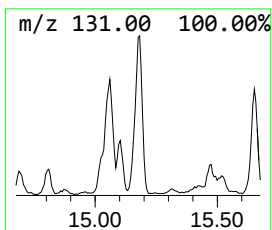
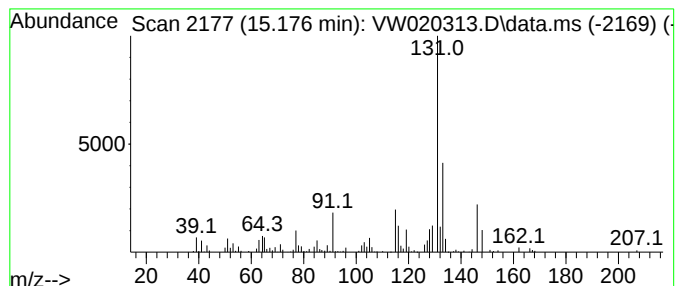
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Quant Title : SFAM01.0

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

Peak Number 9 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.176	4.79 ug/L	165465	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
2			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	70
3			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70
4			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
5			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020313.D
Acq On : 06 Oct 2021 13:48
Operator : SY/VA
Sample : VIBLK450
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

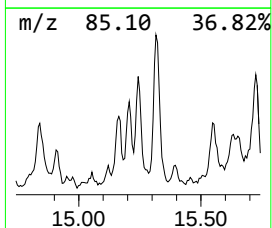
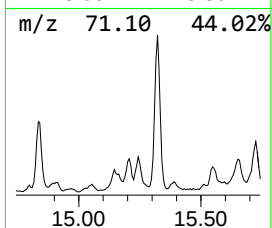
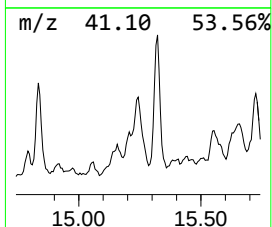
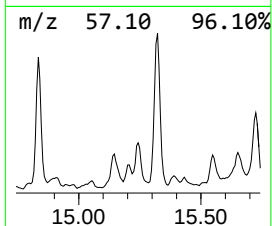
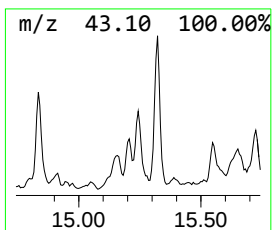
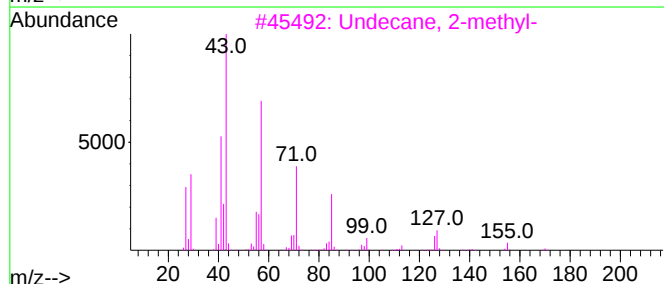
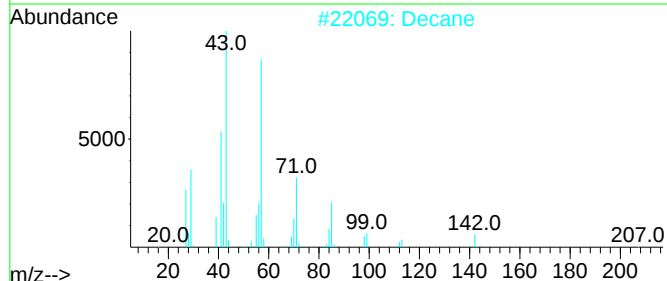
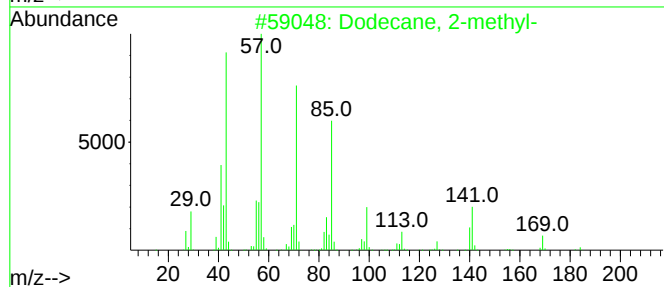
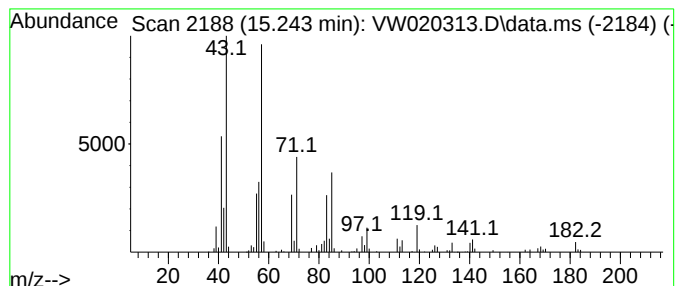
Instrument :
MSVOA_W
ClientSampleId :
VIBLK450

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 10 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.243	4.03 ug/L	139310	1,4-Dichlorobenzene-d4		13.554	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-		184	C13H28	001560-97-0	76
2	Decane		142	C10H22	000124-18-5	68
3	Undecane, 2-methyl-		170	C12H26	007045-71-8	62
4	Tridecane, 2-methyl-		198	C14H30	001560-96-9	53
5	Tridecane, 4,8-dimethyl-		212	C15H32	055030-62-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020313.D
Acq On : 06 Oct 2021 13:48
Operator : SY/VA
Sample : VIBLK450
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK450

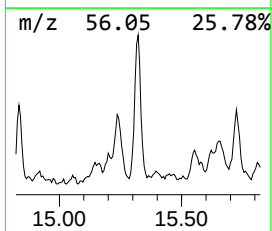
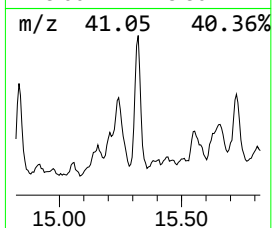
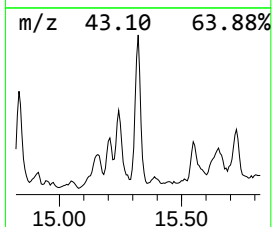
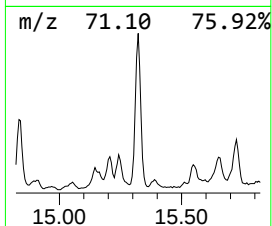
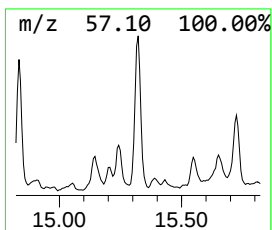
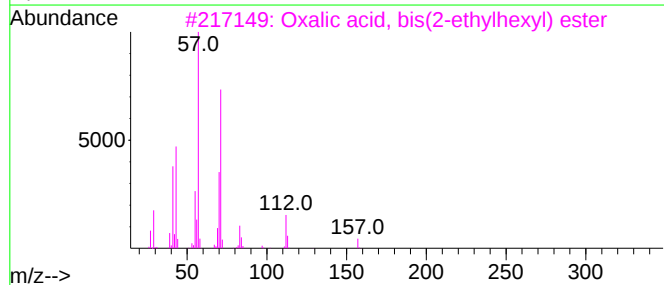
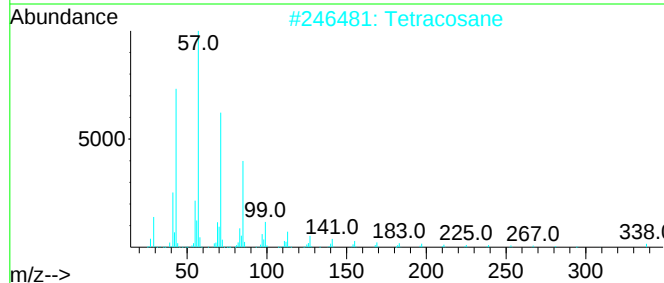
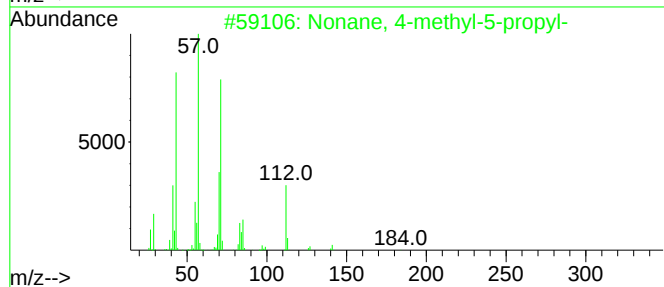
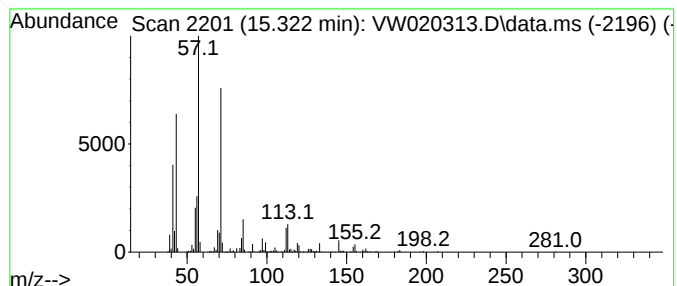
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	7.65 ug/L	264439	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	58
2			Tetracosane	338	C24H50	000646-31-1	53
3			Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	53
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	53
5			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020313.D
Acq On : 06 Oct 2021 13:48
Operator : SY/VA
Sample : VIBLK450
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK450

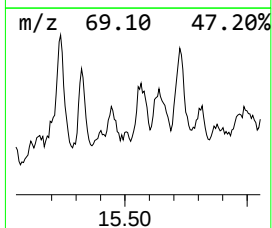
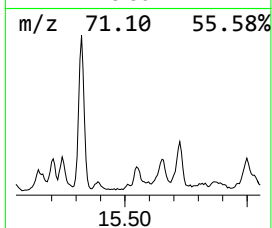
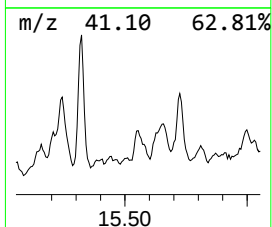
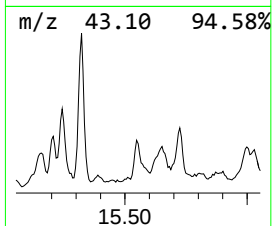
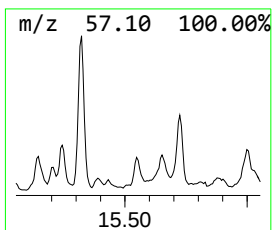
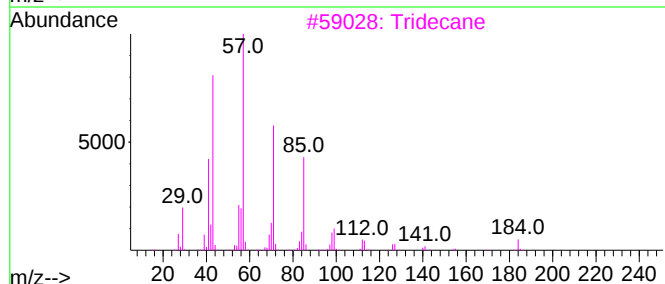
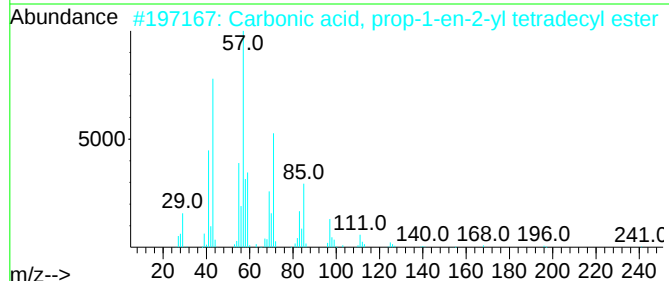
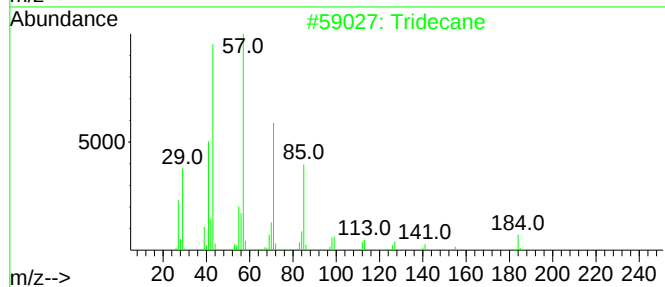
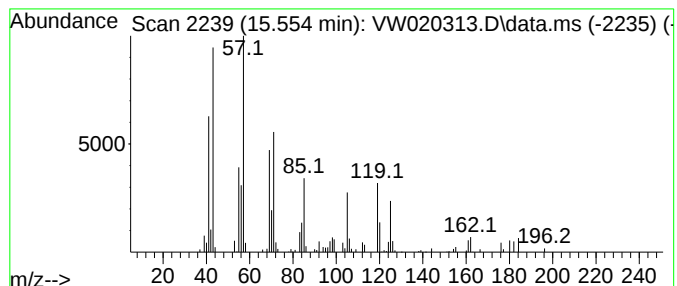
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.554	2.76 ug/L	95451	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	55
2			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	47
3			Tridecane	184	C13H28	000629-50-5	45
4			Undecane	156	C11H24	001120-21-4	43
5			Dodecane	170	C12H26	000112-40-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020313.D
Acq On : 06 Oct 2021 13:48
Operator : SY/VA
Sample : VIBLK450
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK450

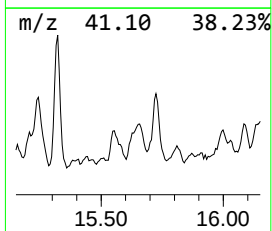
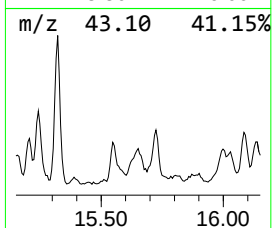
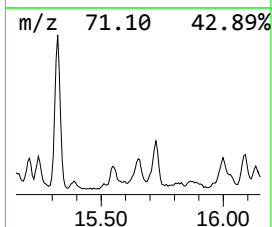
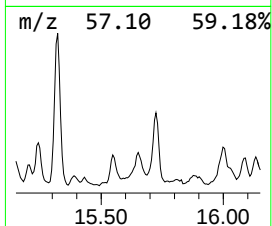
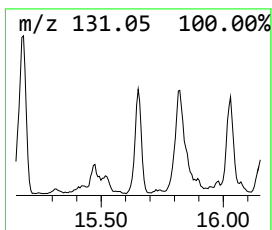
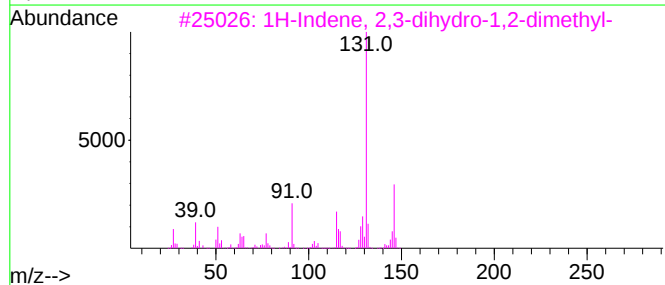
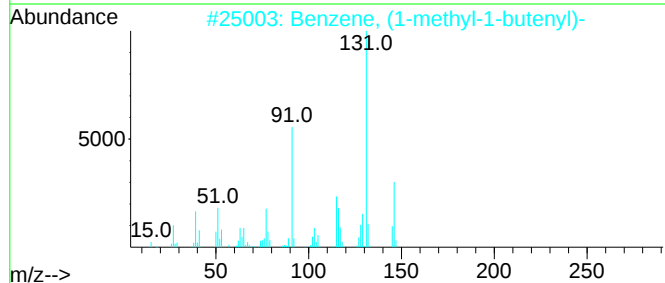
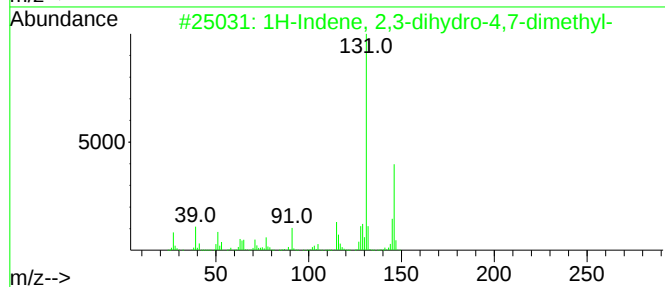
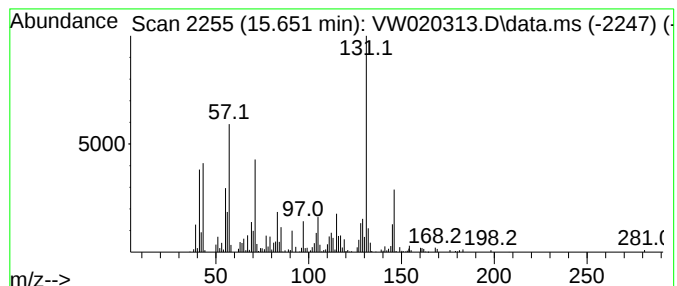
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Quant Title : SFAM01.0

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

Peak Number 13 Benzene, (1-methyl-1-butenyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	5.24 ug/L	181051	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
2			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	83
3			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	83
4			Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	64
5			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020313.D
Acq On : 06 Oct 2021 13:48
Operator : SY/VA
Sample : VIBLK450
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK450

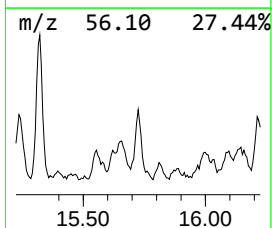
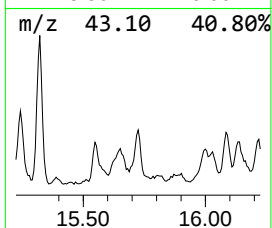
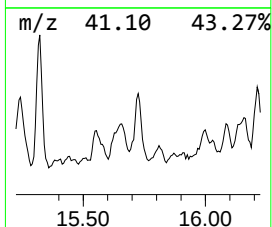
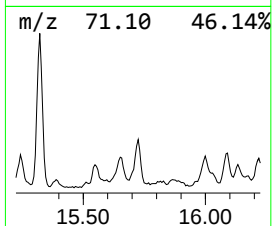
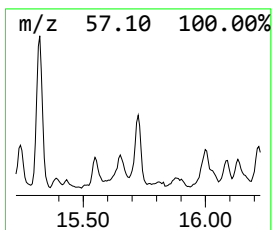
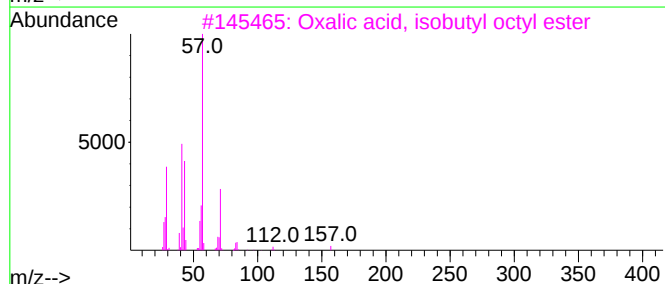
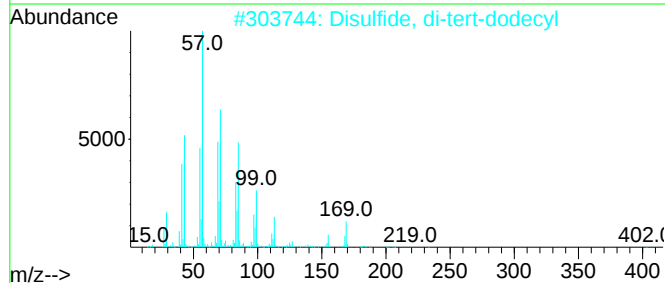
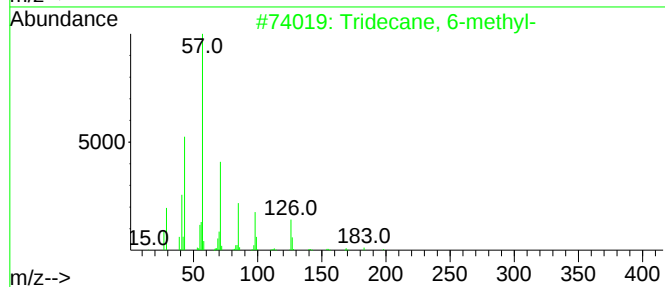
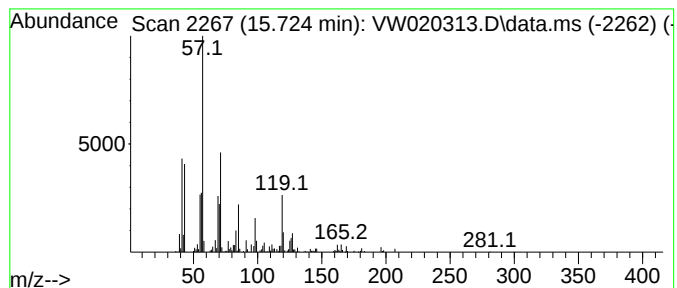
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.724	3.59 ug/L	124160	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	60
2			Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	47
3			Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	38
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	38
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020313.D
Acq On : 06 Oct 2021 13:48
Operator : SY/VA
Sample : VIBLK450
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK450

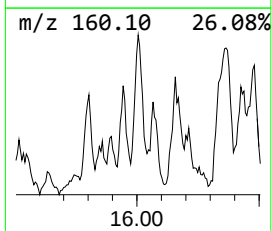
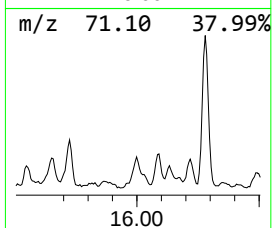
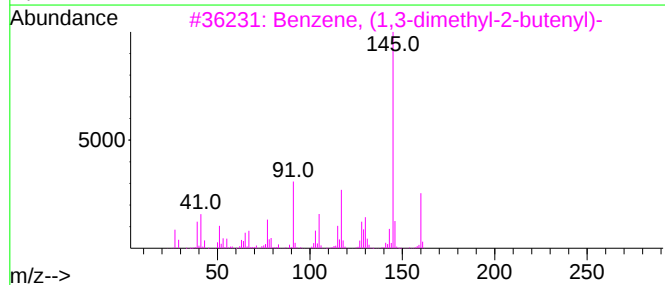
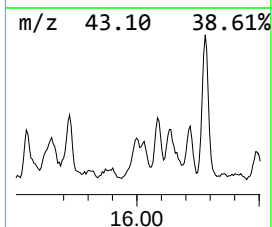
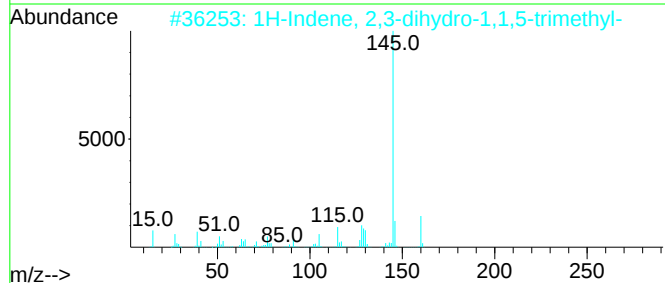
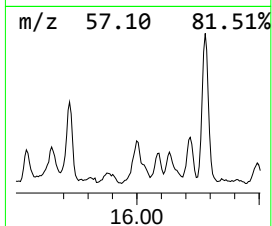
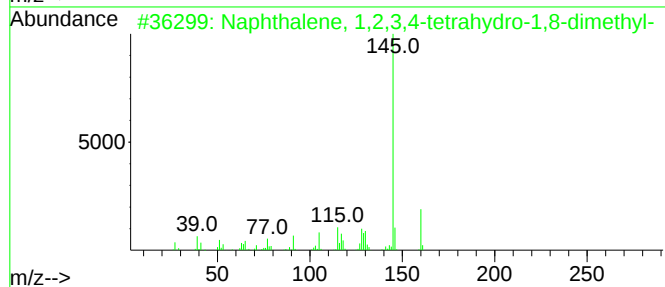
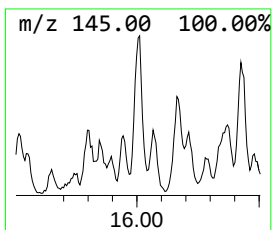
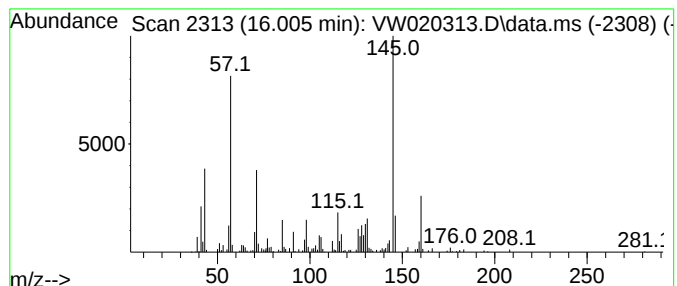
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Quant Title : SFAM01.0

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

Peak Number 15 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.005	2.26 ug/L	78002	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	70
2			1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	70
3			Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	58
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	58
5			1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020313.D
Acq On : 06 Oct 2021 13:48
Operator : SY/VA
Sample : VIBLK450
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK450

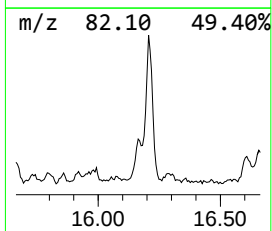
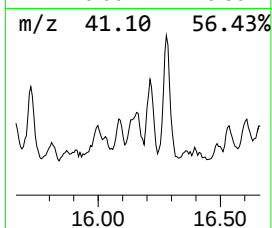
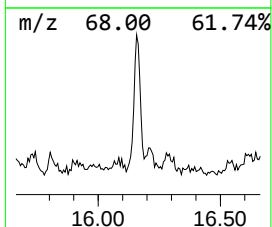
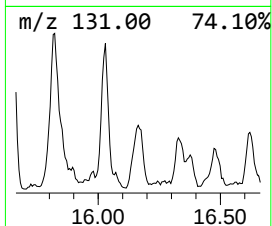
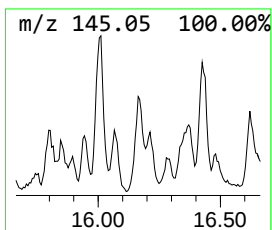
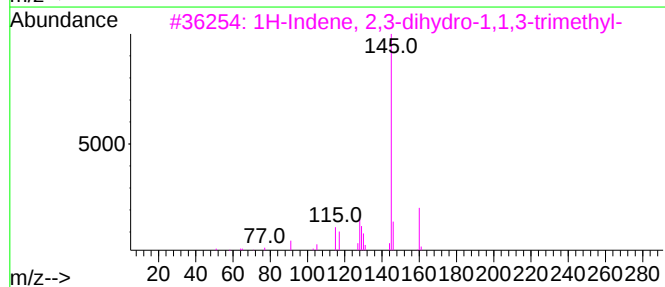
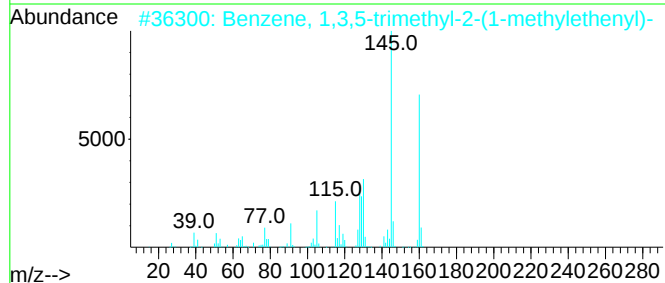
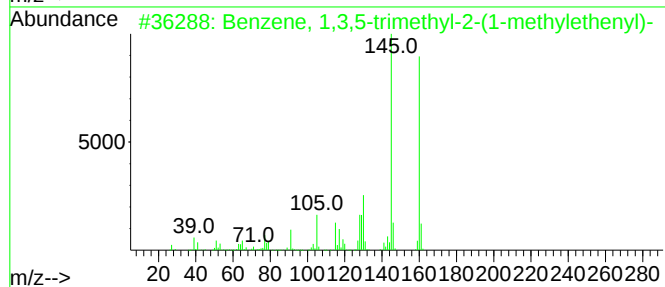
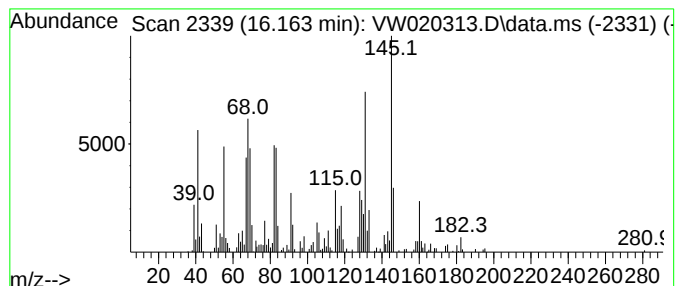
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Quant Title : SFAM01.0

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

Peak Number 16 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.163	3.70 ug/L	127904	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	53
2			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	42
3			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	42
4			Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	38
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020313.D
Acq On : 06 Oct 2021 13:48
Operator : SY/VA
Sample : VIBLK450
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK450

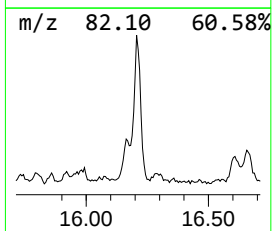
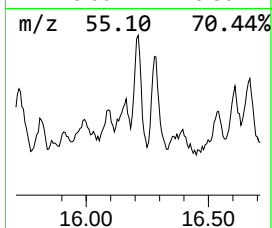
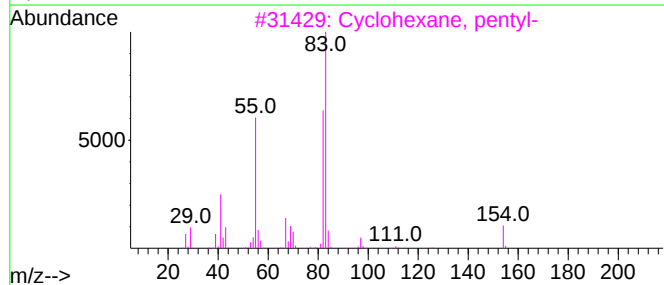
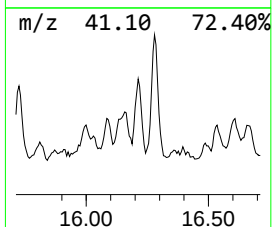
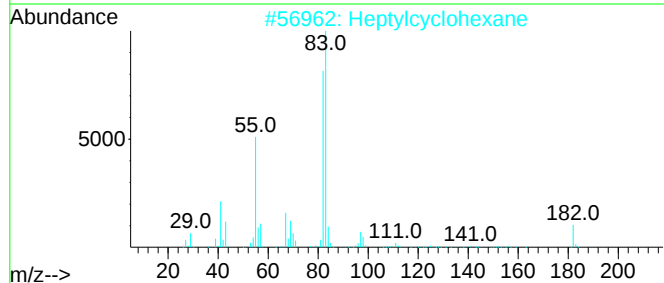
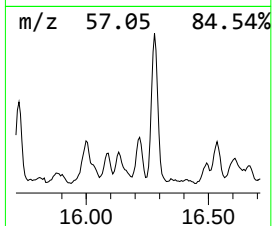
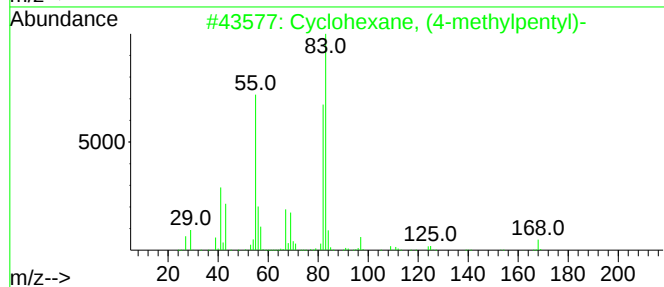
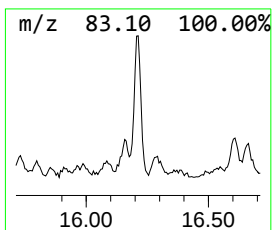
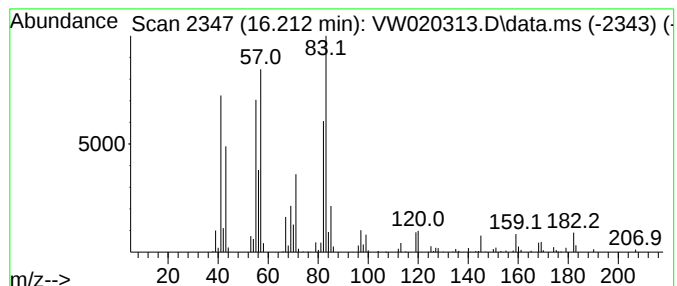
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Cyclic16.212 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.212	3.50 ug/L	121088	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	58
2			Heptylcyclohexane	182	C13H26	005617-41-4	52
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
4			Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	43
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020313.D
Acq On : 06 Oct 2021 13:48
Operator : SY/VA
Sample : VIBLK450
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK450

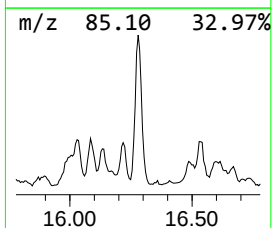
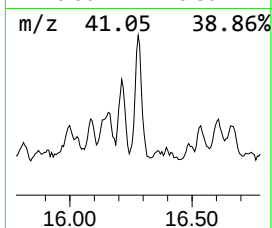
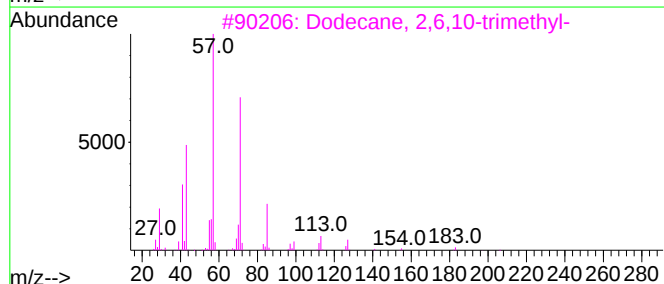
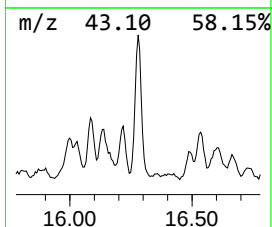
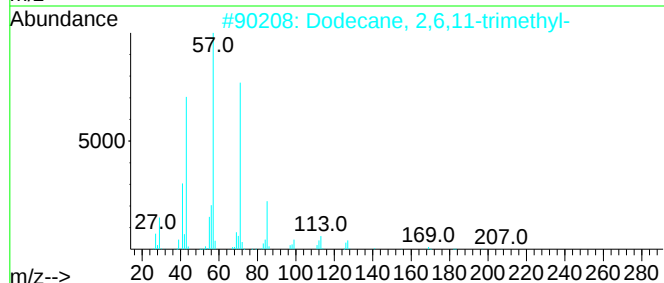
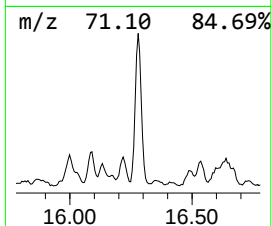
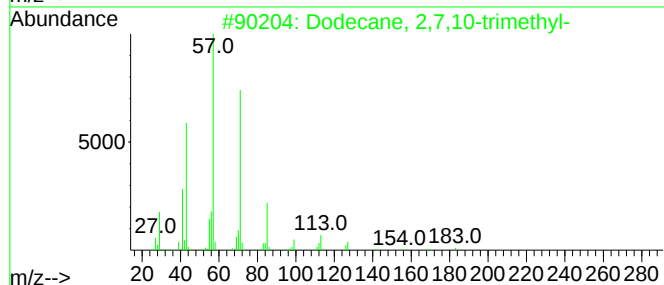
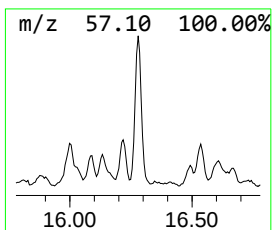
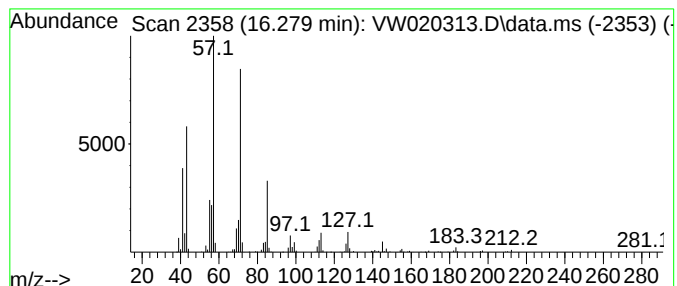
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.279	5.98 ug/L	206596	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83
5			Decane, 5-propyl-	184	C13H28	017312-62-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020313.D
Acq On : 06 Oct 2021 13:48
Operator : SY/VA
Sample : VIBLK450
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK450

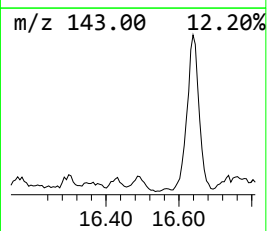
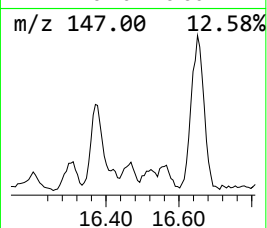
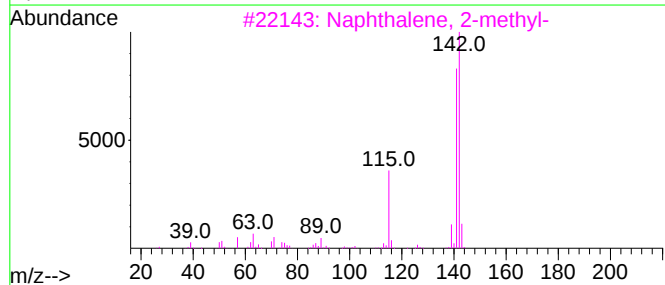
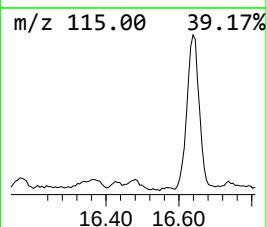
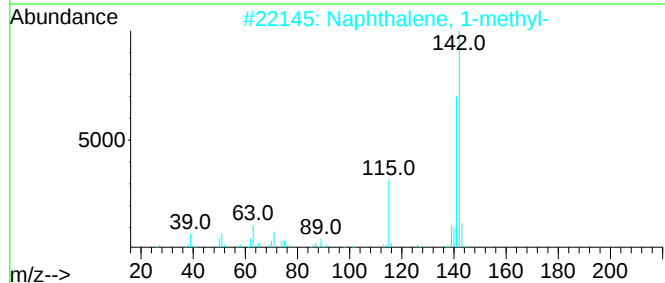
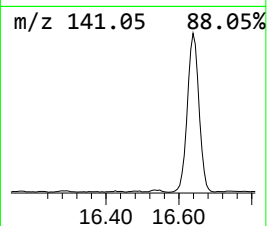
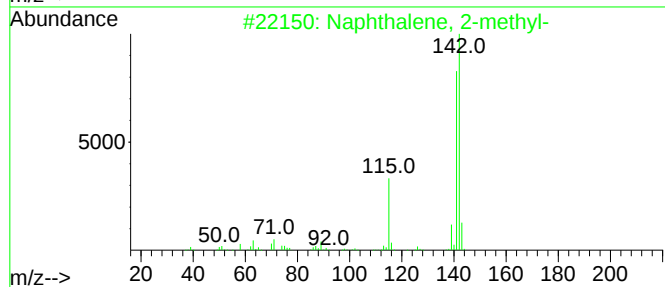
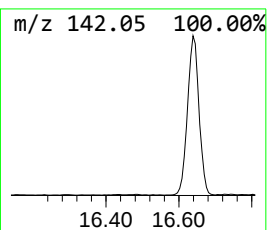
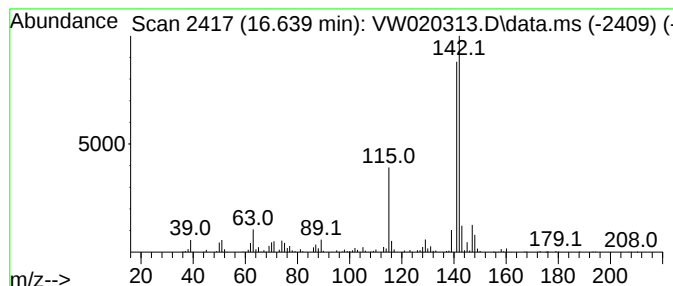
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Quant Title : SFAM01.0

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

Peak Number 19 Naphthalene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	15.38 ug/L	531605	1,4-Dichlorobenzene-d4	13.554

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020313.D
 Acq On : 06 Oct 2021 13:48
 Operator : SY/VA
 Sample : VIBLK450
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK450

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
Naphthalene, 1-...	12.408	9.4	ug/L	337613	2	11.634	900458	25.0
Naphthalene, 1,...	12.877	12.1	ug/L	416286	3	13.554	863998	25.0
Naphthalene, 2,...	13.304	9.3	ug/L	321559	3	13.554	863998	25.0
Naphthalene, 1,...	13.444	4.7	ug/L	162978	3	13.554	863998	25.0
Benzene, 1-ethy...	14.792	4.5	ug/L	154122	3	13.554	863998	25.0
(DEL) Alkane: S...	14.834	4.7	ug/L	161526	3	13.554	863998	25.0
Benzene, (2-met...	15.060	2.0	ug/L	70225	3	13.554	863998	25.0
1H-Indene, 2,3-...	15.176	4.8	ug/L	165465	3	13.554	863998	25.0
(DEL) Alkane: S...	15.243	4.0	ug/L	139310	3	13.554	863998	25.0
(DEL) Alkane: S...	15.322	7.7	ug/L	264439	3	13.554	863998	25.0
(DEL) Alkane: S...	15.554	2.8	ug/L	95451	3	13.554	863998	25.0
Benzene, (1-met...	15.651	5.2	ug/L	181051	3	13.554	863998	25.0
(DEL) Alkane: S...	15.724	3.6	ug/L	124160	3	13.554	863998	25.0
Naphthalene, 1,...	16.005	2.3	ug/L	78002	3	13.554	863998	25.0
Benzene, 1,3,5-...	16.163	3.7	ug/L	127904	3	13.554	863998	25.0
(DEL) Alkane: C...	16.212	3.5	ug/L	121088	3	13.554	863998	25.0
(DEL) Alkane: S...	16.279	6.0	ug/L	206596	3	13.554	863998	25.0
Naphthalene, 2-...	16.639	15.4	ug/L	531605	3	13.554	863998	25.0