

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
 Data File : VW024170.D
 Acq On : 04 Aug 2022 19:07
 Operator : SY/VA
 Sample : VIBLK525
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK525

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\SFAMWLM080422SMA.M
 Title : SFAM01.0

Signal : TIC: VW024170.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.989	12	14	16	rBV	1590	1758	0.09%	0.008%
2	2.087	28	30	34	rVB3	1247	1037	0.05%	0.005%
3	2.154	38	41	42	rBV2	1133	1490	0.08%	0.007%
4	2.172	42	44	46	rVB3	1514	1295	0.07%	0.006%
5	2.227	46	53	54	rBV4	9669	16427	0.84%	0.075%
6	2.343	66	72	82	rBV	203542	342607	17.48%	1.574%
7	2.635	114	120	125	rBV10	12653	32746	1.67%	0.150%
8	2.873	153	159	169	rVB	92760	198765	10.14%	0.913%
9	3.361	237	239	253	rVB3	23975	48296	2.46%	0.222%
10	3.544	265	269	274	rBV5	2223	4404	0.22%	0.020%
11	3.891	324	326	331	rVB5	865	1347	0.07%	0.006%
12	4.013	333	346	363	rBV	174560	539922	27.54%	2.480%
13	4.196	374	376	378	rVB3	1315	1122	0.06%	0.005%
14	4.293	390	392	395	rVB4	797	906	0.05%	0.004%
15	4.409	402	411	419	rBV3	6577	19829	1.01%	0.091%
16	4.519	426	429	431	rVB4	918	1103	0.06%	0.005%
17	4.592	439	441	443	rBV2	1344	1025	0.05%	0.005%
18	4.909	481	493	513	rBV3	37382	135659	6.92%	0.623%
19	5.123	516	528	540	rBV2	11252	41087	2.10%	0.189%
20	5.397	570	573	576	rBV4	1401	1865	0.10%	0.009%
21	5.446	578	581	584	rVB4	903	1336	0.07%	0.006%
22	5.513	589	592	597	rVB4	843	1029	0.05%	0.005%
23	5.744	621	630	637	rBV6	5008	14448	0.74%	0.066%
24	5.927	646	660	670	rBV2	19952	61164	3.12%	0.281%
25	6.092	683	687	689	rBV4	784	974	0.05%	0.004%
26	6.244	708	712	713	rBV2	793	914	0.05%	0.004%
27	6.385	732	735	736	rBV3	935	1005	0.05%	0.005%
28	6.604	767	771	773	rVB4	1208	1111	0.06%	0.005%
29	6.775	797	799	802	rVB3	1015	1050	0.05%	0.005%
30	6.817	802	806	807	rBV3	989	1087	0.06%	0.005%
31	6.927	823	824	829	rVB5	884	988	0.05%	0.005%
32	7.080	838	849	853	rBV	51380	132267	6.75%	0.607%
33	7.147	853	860	875	rVB	121213	351429	17.93%	1.614%
34	7.305	883	886	890	rVB6	623	1127	0.06%	0.005%
35	7.384	896	899	903	rBV6	1249	2116	0.11%	0.010%
36	7.543	923	925	926	rVV2	1339	1030	0.05%	0.005%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Title : SFAM01.0

37	7.647	930	942	954	rBV	267719	669780	34.17%	3.076%
38	7.750	957	959	965	rVB6	1307	1919	0.10%	0.009%
39	7.890	977	982	984	rBV6	1482	2409	0.12%	0.011%
40	7.939	986	990	992	rBV4	2162	3009	0.15%	0.014%
41	8.073	1010	1012	1015	rVB2	1457	1440	0.07%	0.007%
42	8.268	1032	1044	1062	rBV3	614902	1960409	100.00%	9.004%
43	8.841	1128	1138	1147	rBV	535224	1049676	53.54%	4.821%
44	8.963	1157	1158	1160	rVB2	1770	1040	0.05%	0.005%
45	9.085	1172	1178	1184	rBV9	4805	10180	0.52%	0.047%
46	9.274	1200	1209	1219	rBV	355246	740008	37.75%	3.399%
47	9.384	1225	1227	1230	rVB4	1185	1158	0.06%	0.005%
48	9.494	1243	1245	1248	rVB3	1429	1361	0.07%	0.006%
49	9.524	1248	1250	1252	rBV2	1421	1118	0.06%	0.005%
50	9.573	1256	1258	1259	rBV2	964	882	0.04%	0.004%
51	9.665	1271	1273	1276	rBV4	1502	1729	0.09%	0.008%
52	9.756	1284	1288	1293	rVB8	2547	4655	0.24%	0.021%
53	9.890	1304	1310	1316	rBV7	7046	13543	0.69%	0.062%
54	10.030	1316	1333	1341	rBV	211569	405083	20.66%	1.860%
55	10.213	1357	1363	1364	rBV4	4264	6369	0.32%	0.029%
56	10.323	1373	1381	1390	rBV	800244	1437828	73.34%	6.604%
57	10.579	1415	1423	1433	rBV	133299	245188	12.51%	1.126%
58	10.701	1437	1443	1450	rVB2	58254	110667	5.65%	0.508%
59	10.847	1463	1467	1470	rBV6	5199	10482	0.53%	0.048%
60	10.920	1473	1479	1487	rBV	217440	387257	19.75%	1.779%
61	11.061	1497	1502	1511	rVB2	57678	94079	4.80%	0.432%
62	11.170	1517	1520	1524	rBV4	13044	18601	0.95%	0.085%
63	11.347	1540	1549	1551	rBV4	40126	92322	4.71%	0.424%
64	11.432	1560	1563	1586	rVB4	116229	380944	19.43%	1.750%
65	11.628	1588	1595	1608	rVB	782388	1310858	66.87%	6.020%
66	11.841	1626	1630	1632	rBV4	10954	19178	0.98%	0.088%
67	12.603	1751	1755	1762	rVB	45466	74706	3.81%	0.343%
68	12.688	1764	1769	1776	rBV	323929	524720	26.77%	2.410%
69	12.932	1805	1809	1812	rBV5	23894	43576	2.22%	0.200%
70	13.030	1813	1825	1843	rVB3	322170	1558383	79.49%	7.157%
71	13.158	1843	1846	1850	rBV6	15539	24575	1.25%	0.113%
72	13.280	1857	1866	1880	rBV9	63218	274067	13.98%	1.259%
73	13.554	1905	1911	1928	rVB	916071	1543845	78.75%	7.090%
74	13.743	1939	1942	1946	rBV6	12880	19322	0.99%	0.089%
75	13.853	1953	1960	1967	rBV	791522	1505309	76.79%	6.914%
76	14.194	2012	2016	2022	rBV8	28666	62091	3.17%	0.285%

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 Title : SFAM01.0

77	14.383	2044	2047	2051	rVB4	50667	66930	3.41%	0.307%
78	14.420	2051	2053	2056	rBV3	26768	25460	1.30%	0.117%
79	14.493	2062	2065	2068	rBV5	31266	46251	2.36%	0.212%
80	14.639	2085	2089	2094	rVB5	23787	39207	2.00%	0.180%
81	14.718	2097	2102	2108	rVV	282950	441610	22.53%	2.028%
82	14.786	2110	2113	2117	rVV3	75356	147107	7.50%	0.676%
83	14.834	2118	2121	2129	rVB2	95115	167813	8.56%	0.771%
84	14.956	2137	2141	2147	rVB	58506	101233	5.16%	0.465%
85	15.206	2177	2182	2195	rVB3	145550	503461	25.68%	2.312%
86	15.316	2195	2200	2204	rBV	144840	250123	12.76%	1.149%
87	15.359	2205	2207	2213	rVV	36083	57957	2.96%	0.266%
88	15.420	2213	2217	2223	rVV3	39580	76533	3.90%	0.351%
89	15.548	2232	2238	2247	rVB	437043	693014	35.35%	3.183%
90	15.718	2264	2266	2274	rVB3	43628	69080	3.52%	0.317%
91	15.859	2285	2289	2294	rBV2	58556	93955	4.79%	0.432%
92	15.999	2308	2312	2314	rBV4	25679	40640	2.07%	0.187%
93	16.084	2321	2326	2330	rBV5	47834	90408	4.61%	0.415%
94	16.133	2330	2334	2338	rBV4	53985	106135	5.41%	0.487%
95	16.212	2344	2347	2352	rVB4	69458	106854	5.45%	0.491%
96	16.273	2352	2357	2365	rVB2	166089	298686	15.24%	1.372%
97	16.365	2367	2372	2377	rBV2	42678	89748	4.58%	0.412%
98	16.432	2378	2383	2387	rBV	135806	281162	14.34%	1.291%
99	16.486	2387	2392	2398	rVB	594652	1053862	53.76%	4.840%
100	16.639	2406	2417	2429	rVB5	92656	346671	17.68%	1.592%

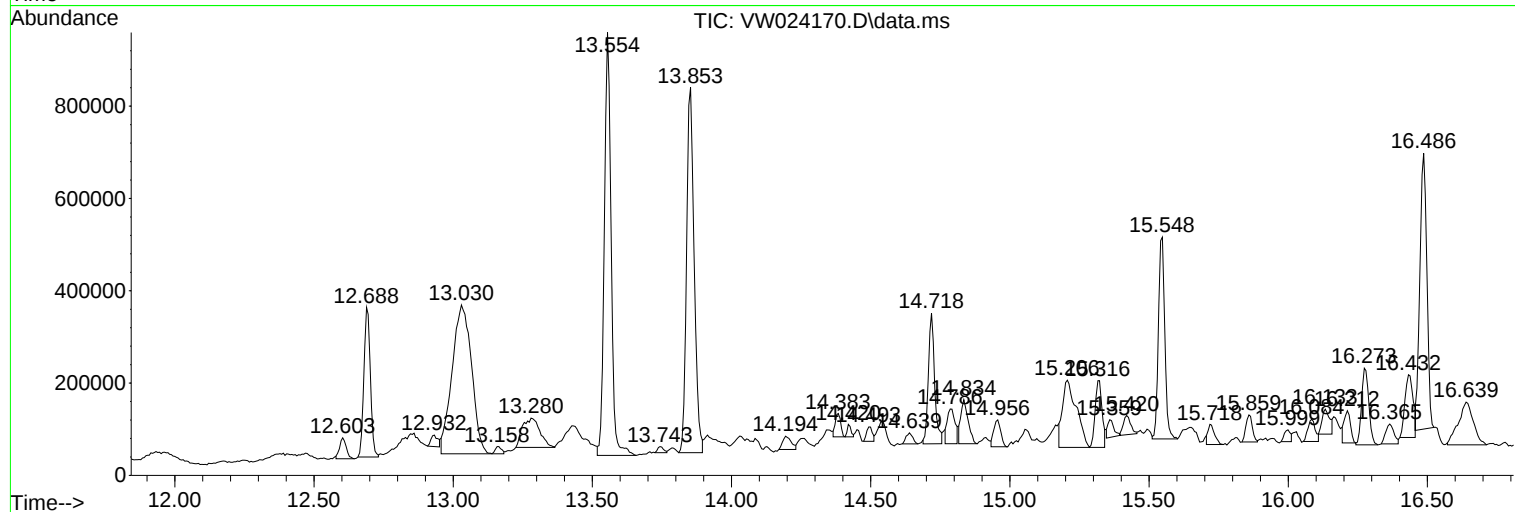
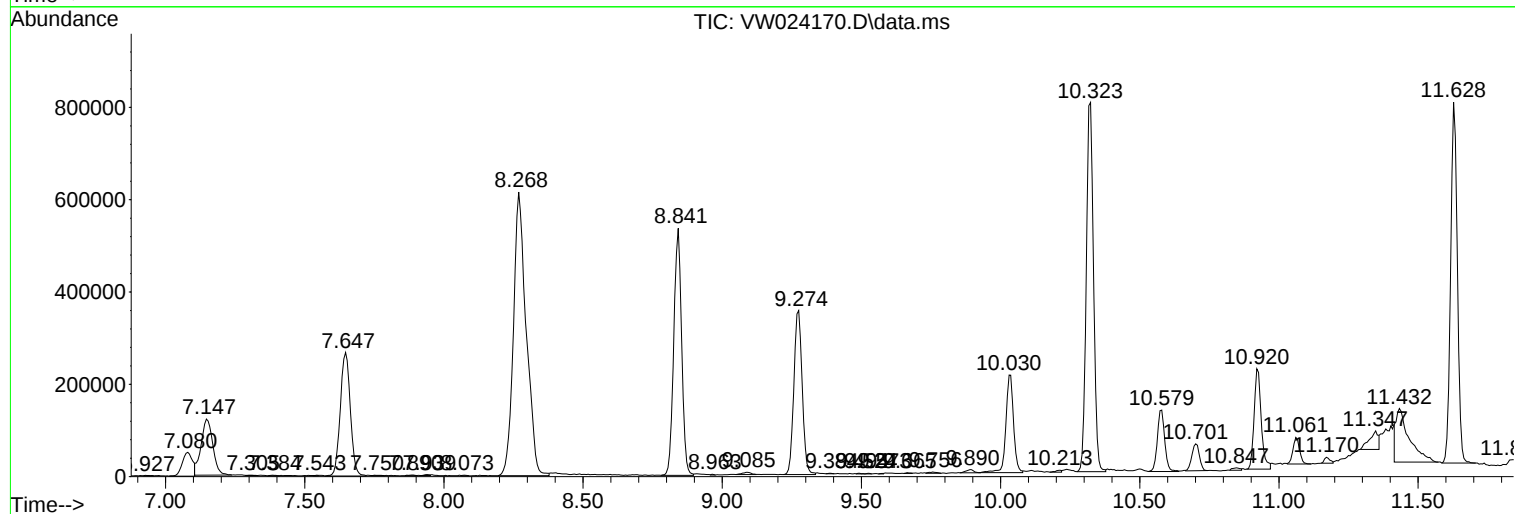
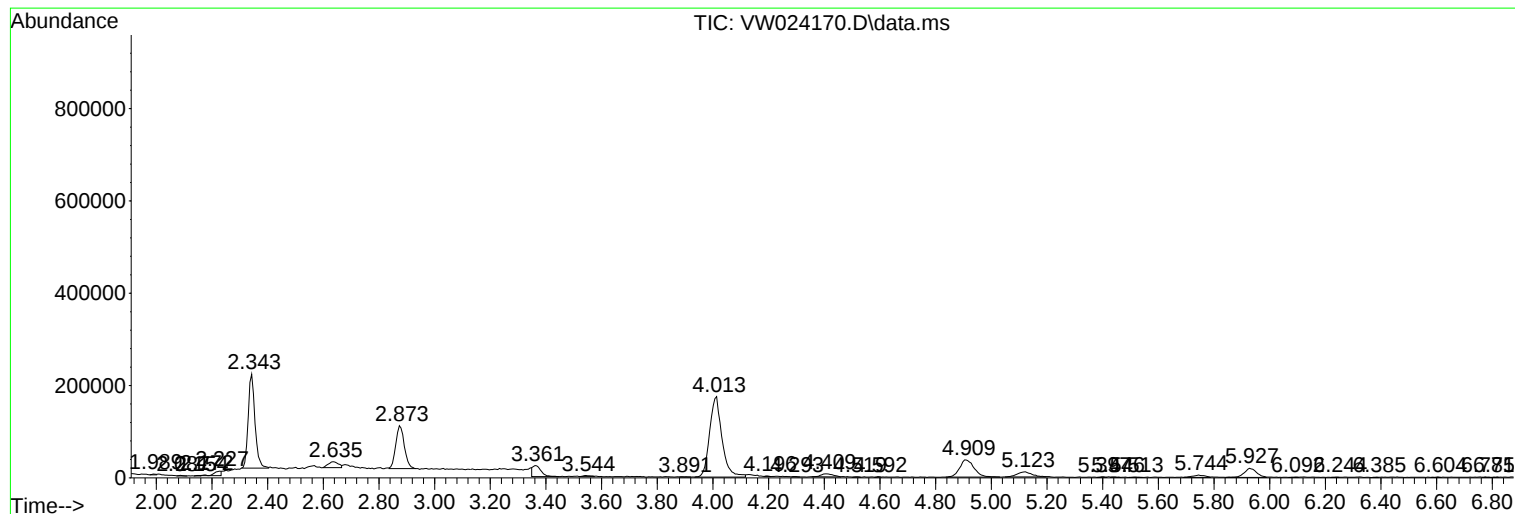
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Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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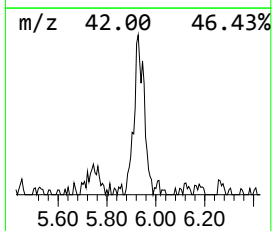
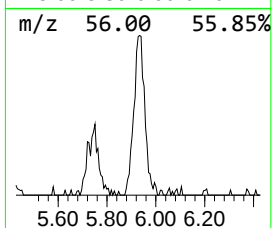
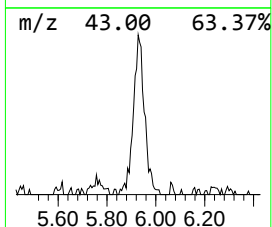
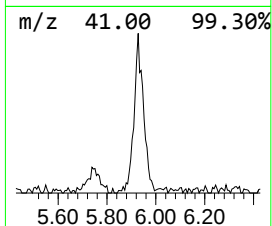
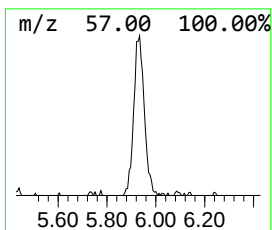
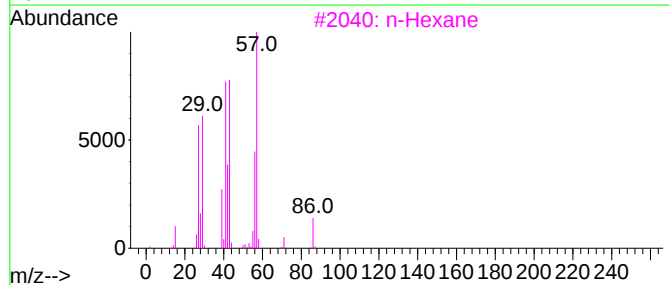
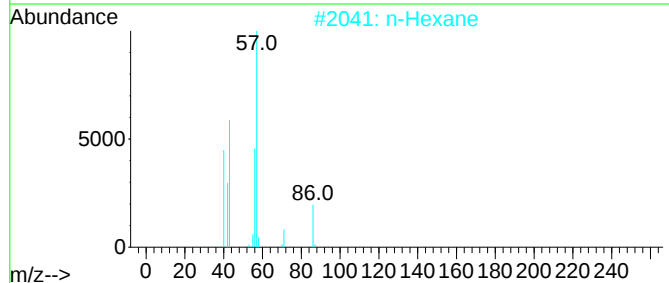
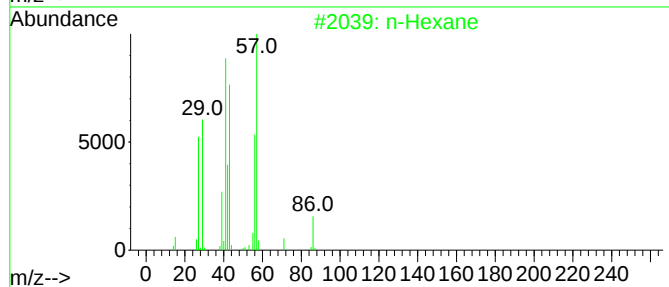
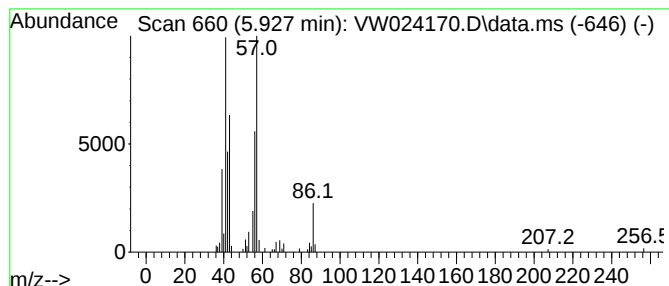
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.927	1.46 ug/L	61164	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane			86	C6H14	000110-54-3	58
2	n-Hexane			86	C6H14	000110-54-3	52
3	n-Hexane			86	C6H14	000110-54-3	47
4	2-Ethyl-oxetane			86	C5H10O	1010386-40-2	46
5	1-Propene, 2-methyl-			56	C4H8	000115-11-7	46



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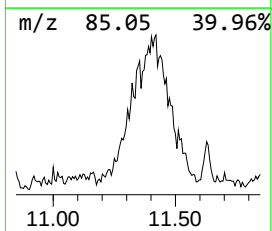
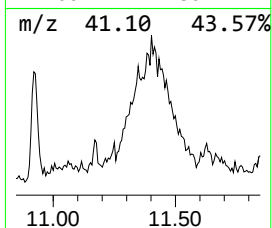
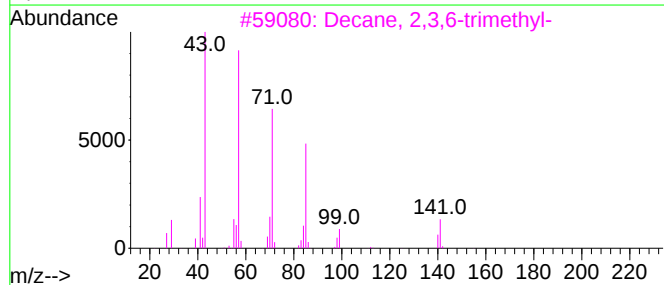
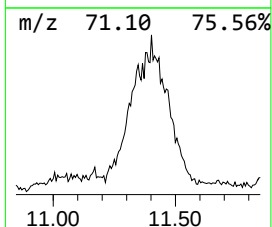
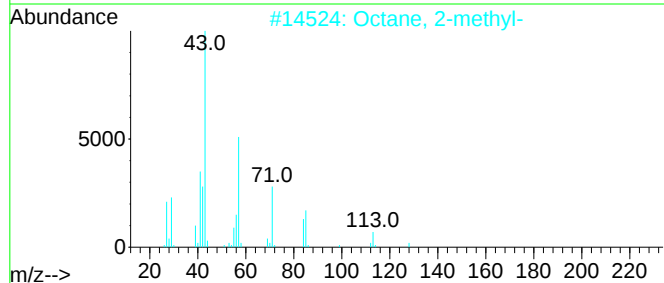
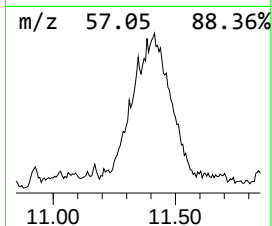
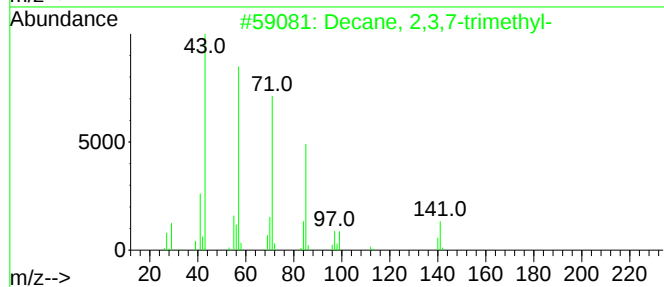
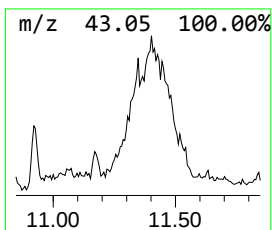
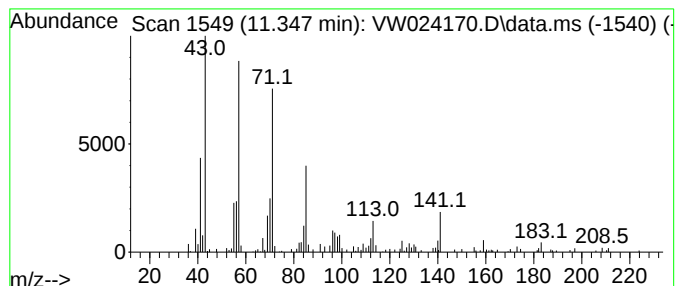
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.347	1.76 ug/L	92322	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	72
2			Octane, 2-methyl-	128	C9H20	003221-61-2	64
3			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	64
4			Undecane, 5-methyl-	170	C12H26	001632-70-8	64
5			Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	58



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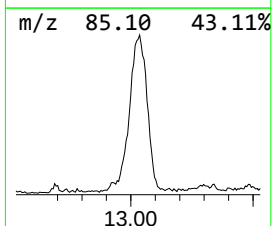
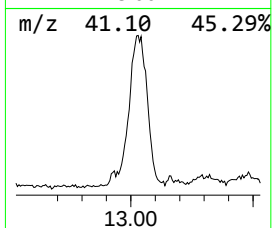
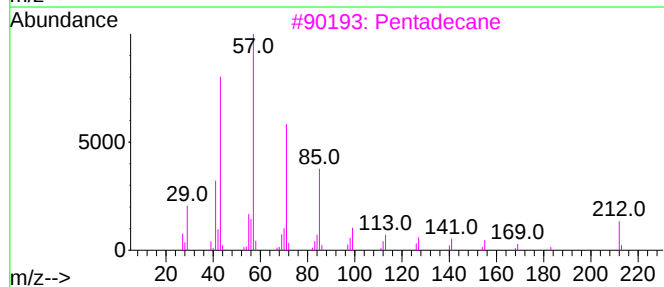
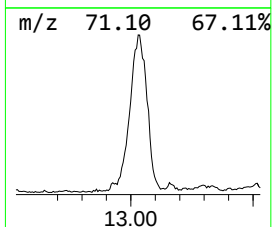
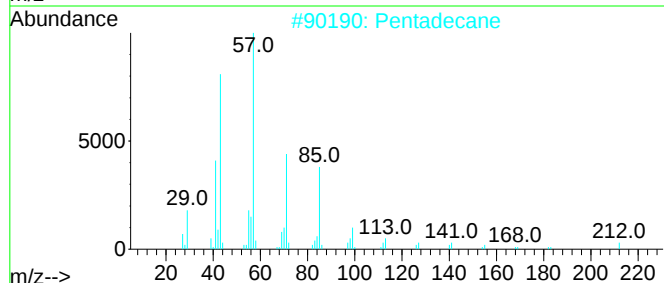
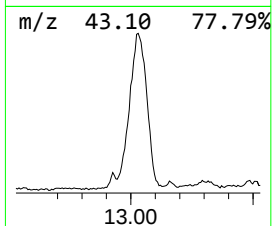
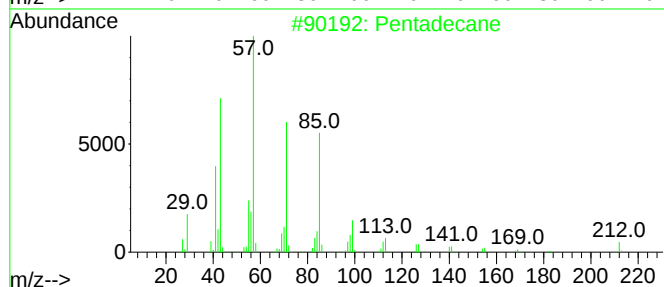
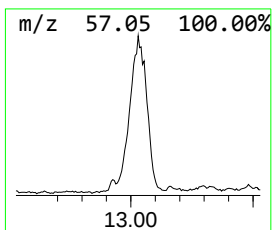
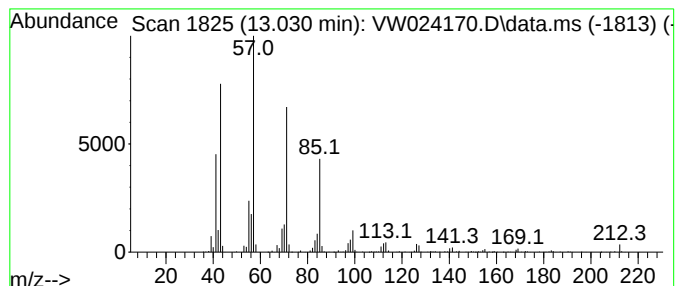
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.030	25.24 ug/L	1558380	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	97
2			Pentadecane	212	C15H32	000629-62-9	94
3			Pentadecane	212	C15H32	000629-62-9	93
4			Pentadecane	212	C15H32	000629-62-9	91
5			Dodecane	170	C12H26	000112-40-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024170.D
Acq On : 04 Aug 2022 19:07
Operator : SY/VA
Sample : VIBLK525
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK525

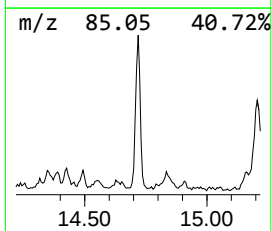
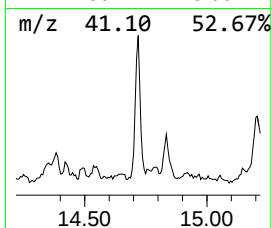
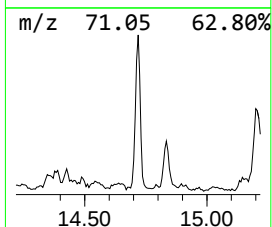
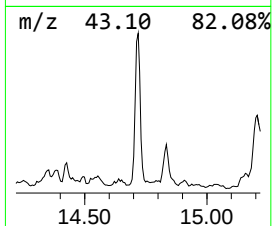
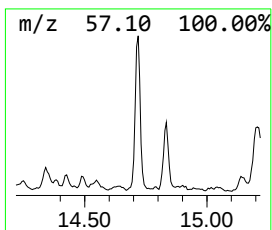
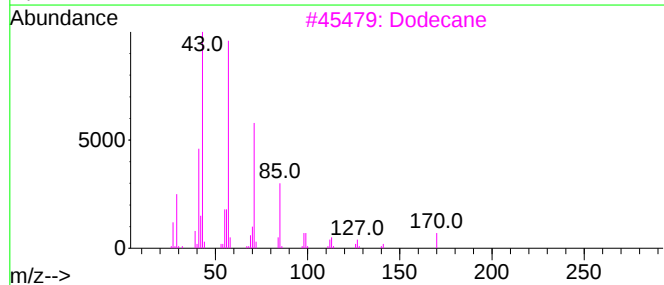
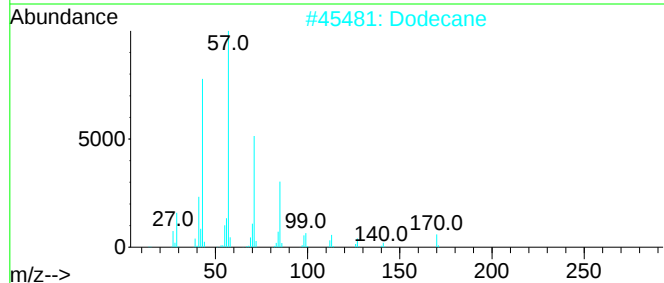
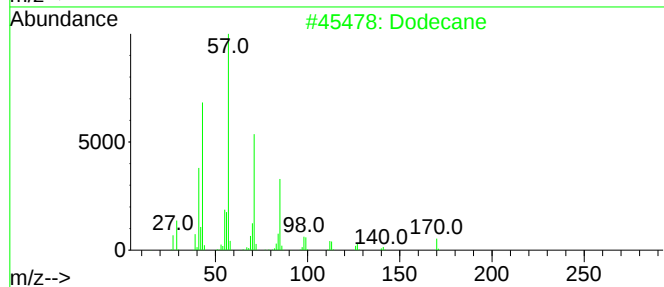
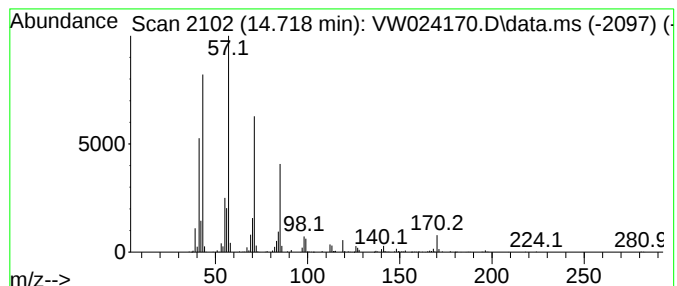
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.719	7.15 ug/L	441610	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	93
2			Dodecane	170	C12H26	000112-40-3	90
3			Dodecane	170	C12H26	000112-40-3	81
4			Tetradecane	198	C14H30	000629-59-4	80
5			Tridecane	184	C13H28	000629-50-5	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024170.D
Acq On : 04 Aug 2022 19:07
Operator : SY/VA
Sample : VIBLK525
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK525

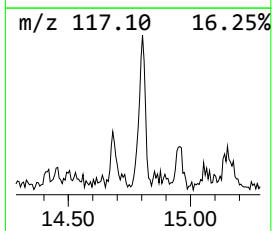
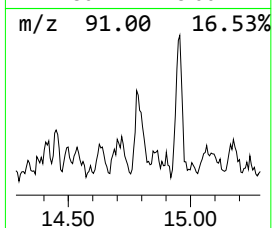
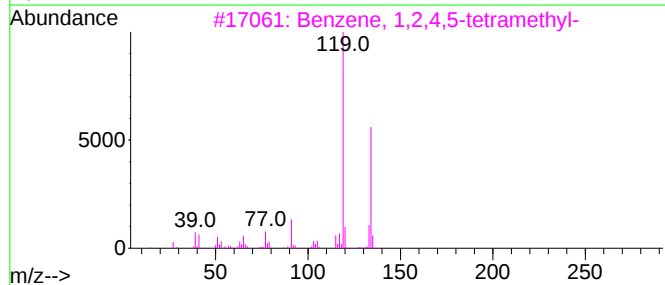
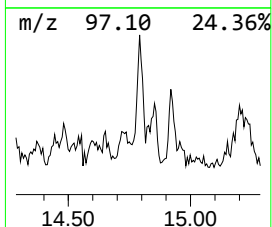
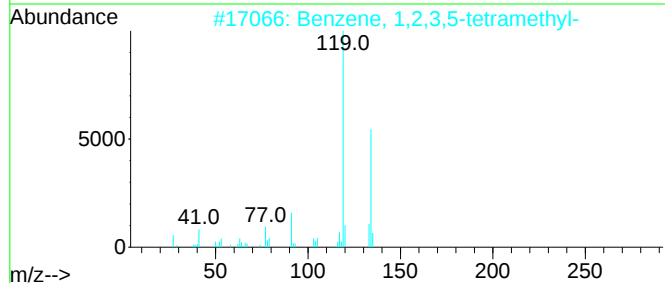
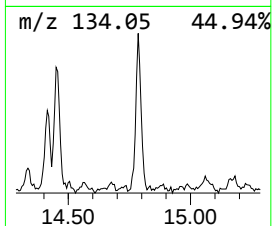
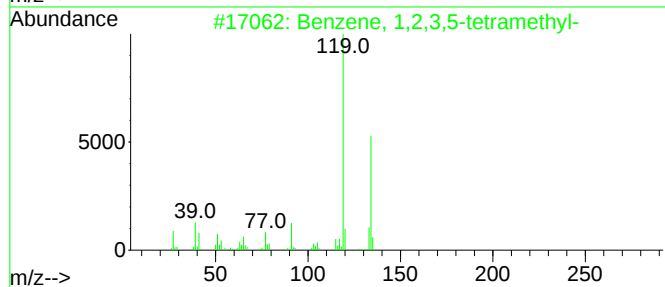
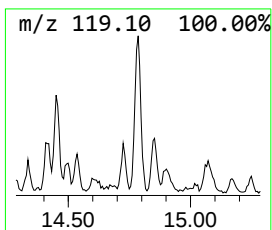
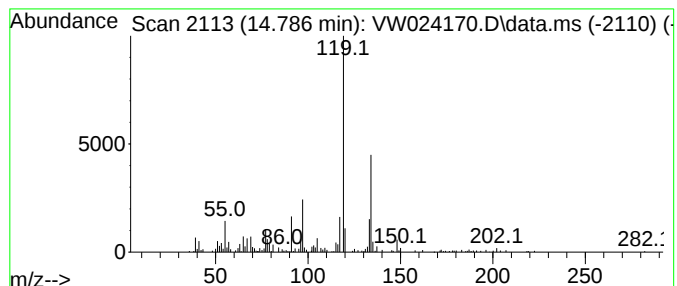
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Quant Title : SFAM01.0

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

Peak Number 10 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	2.38 ug/L	147107	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
5			p-Cymene	134	C10H14	000099-87-6	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024170.D
Acq On : 04 Aug 2022 19:07
Operator : SY/VA
Sample : VIBLK525
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK525

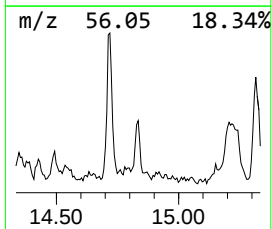
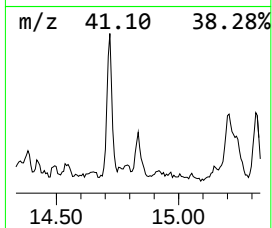
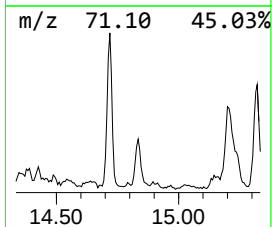
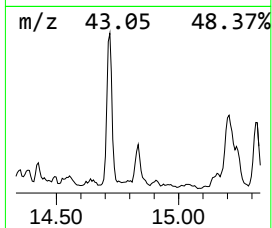
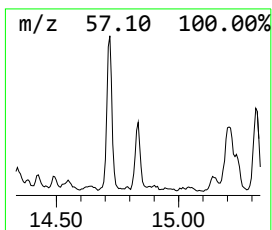
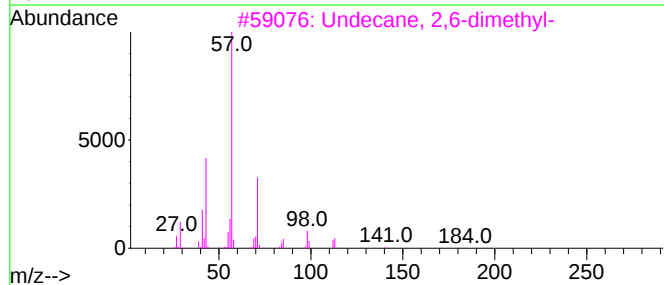
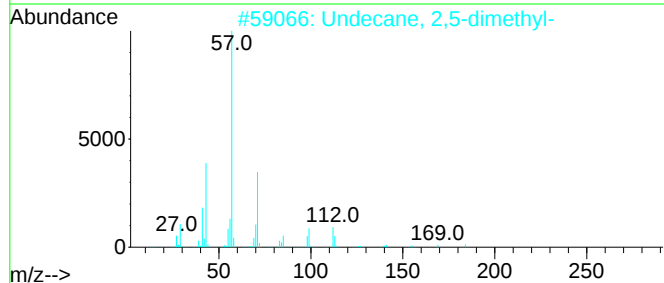
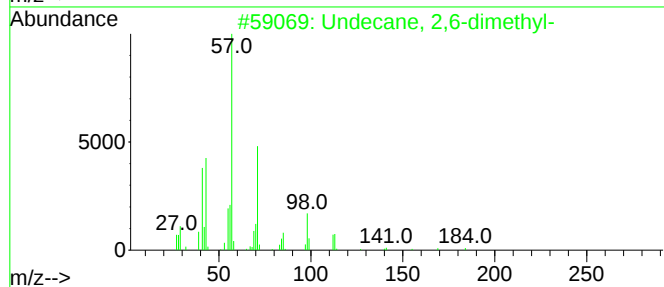
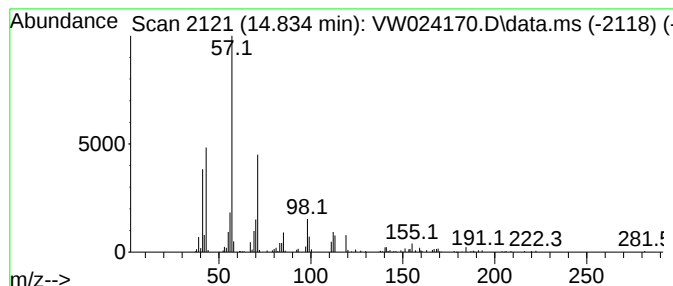
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.834	2.72 ug/L	167813	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	91
2			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	81
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	81
4			Dodecane, 6-methyl-	184	C13H28	006044-71-9	68
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024170.D
Acq On : 04 Aug 2022 19:07
Operator : SY/VA
Sample : VIBLK525
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK525

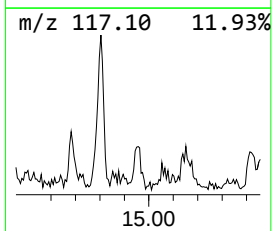
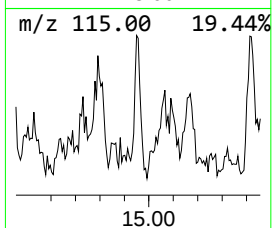
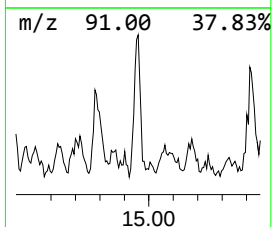
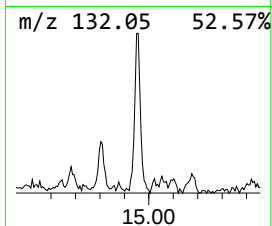
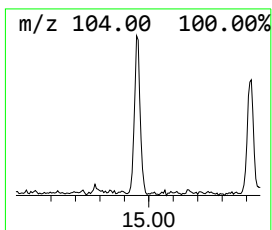
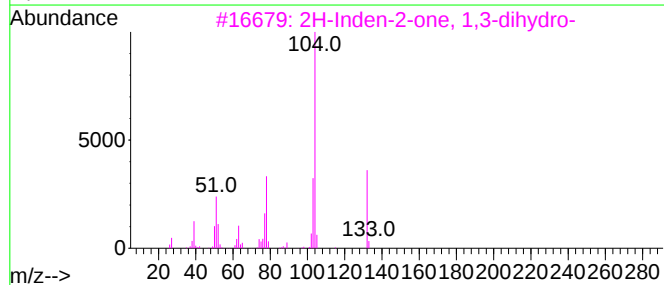
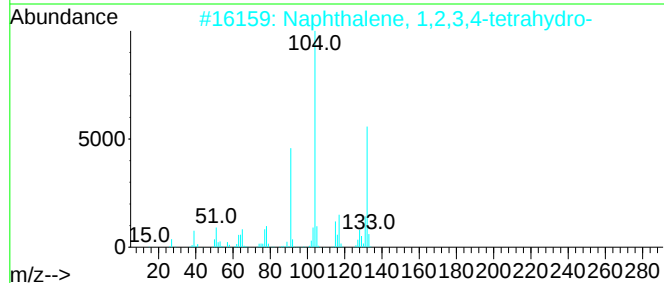
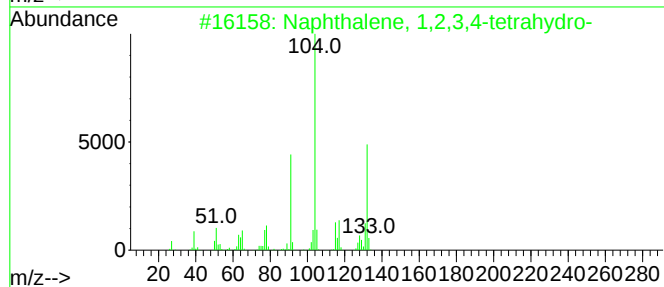
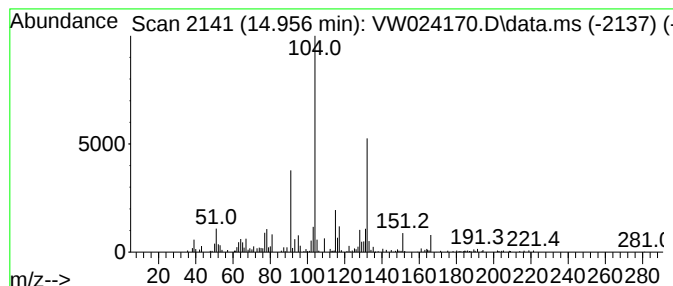
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Quant Title : SFAM01.0

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

Peak Number 12 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.956	1.64 ug/L	101233	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91
2			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	58
3			2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	49
4			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	49
5			Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024170.D
Acq On : 04 Aug 2022 19:07
Operator : SY/VA
Sample : VIBLK525
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK525

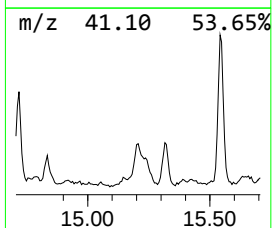
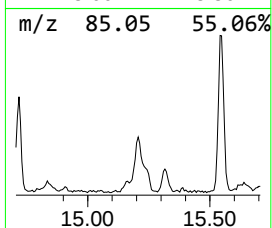
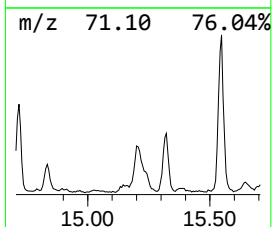
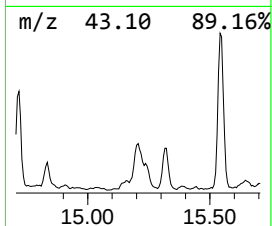
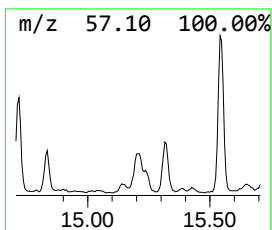
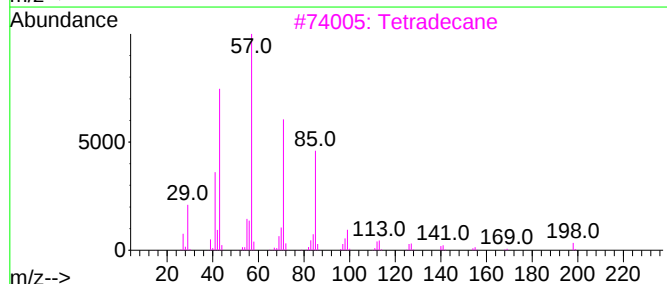
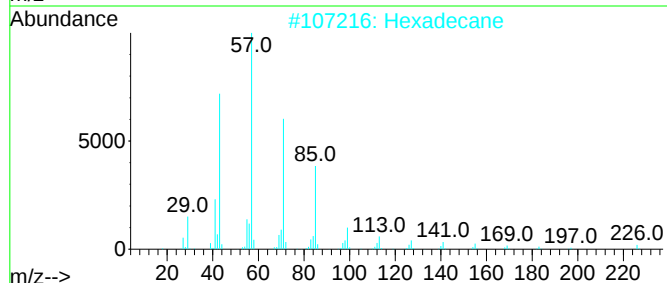
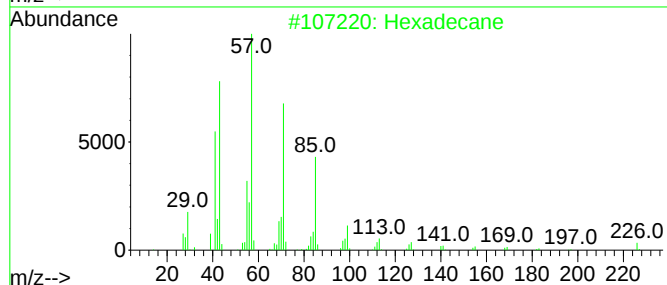
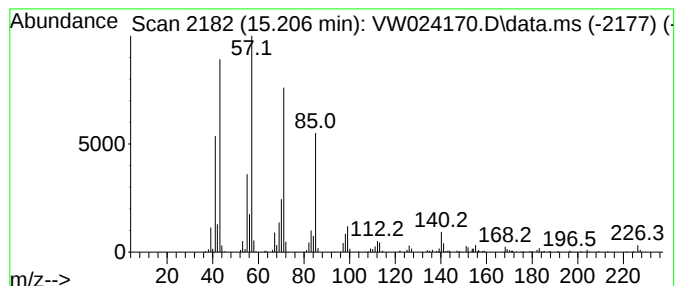
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.206	8.15 ug/L	503461	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	93
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tetradecane	198	C14H30	000629-59-4	86
4		Tetradecane	198	C14H30	000629-59-4	86
5		Pentadecane	212	C15H32	000629-62-9	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024170.D
Acq On : 04 Aug 2022 19:07
Operator : SY/VA
Sample : VIBLK525
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK525

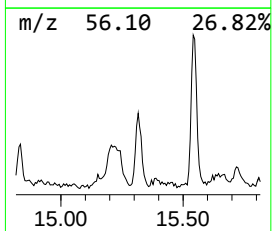
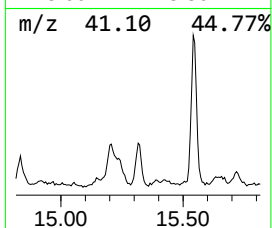
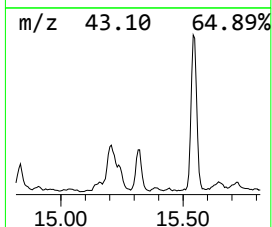
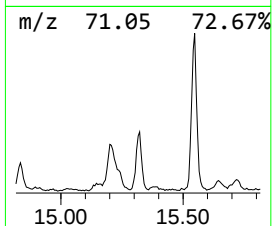
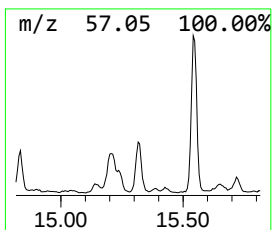
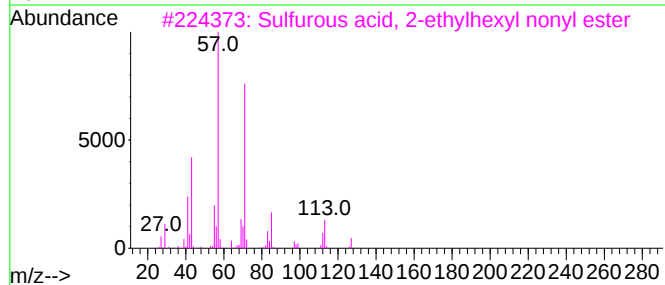
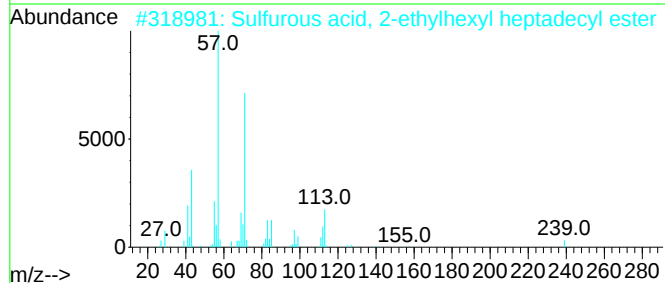
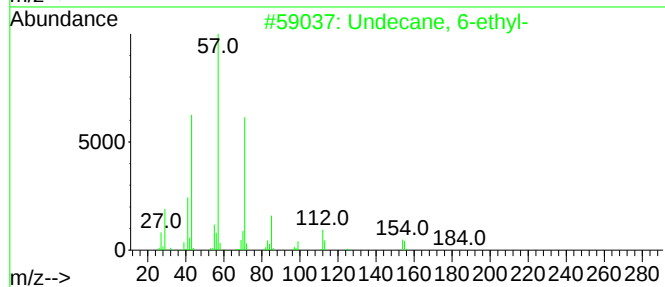
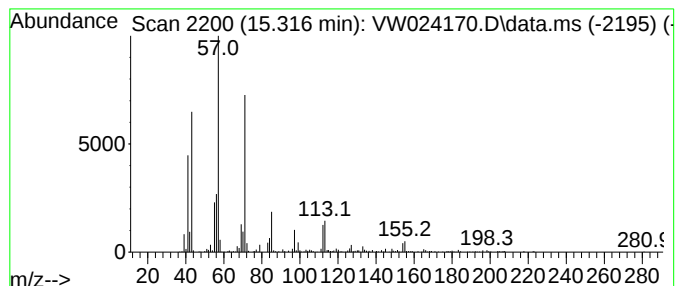
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.316	4.05 ug/L	250123	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
2		Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	72
3		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	68
5		Decane, 2-methyl-	156	C11H24	006975-98-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024170.D
Acq On : 04 Aug 2022 19:07
Operator : SY/VA
Sample : VIBLK525
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK525

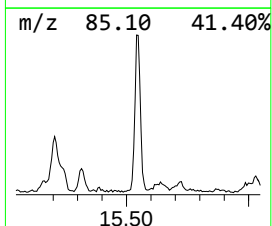
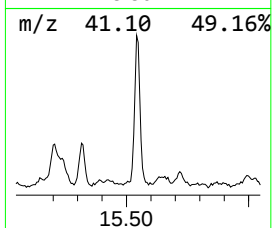
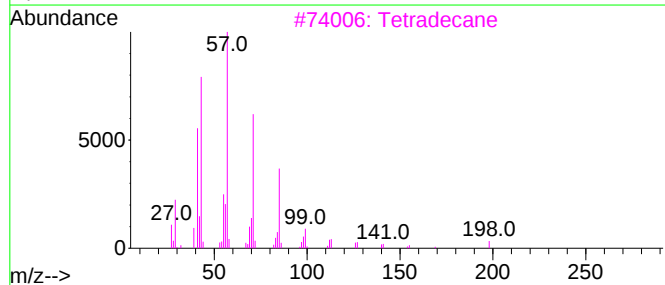
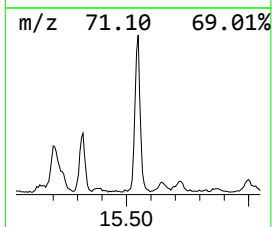
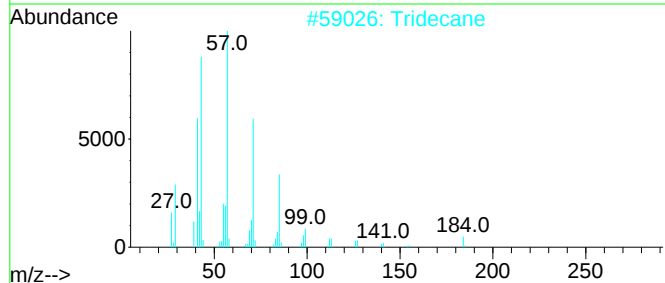
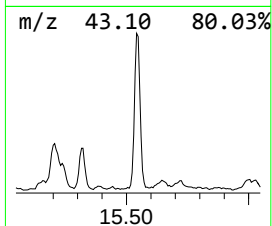
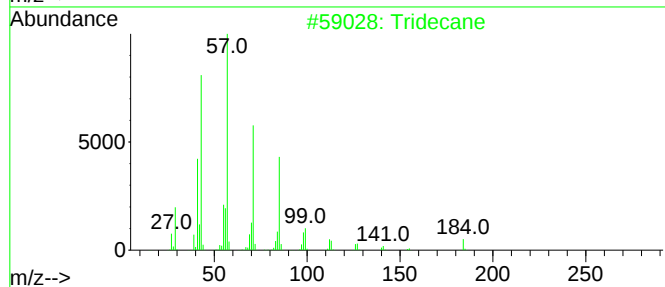
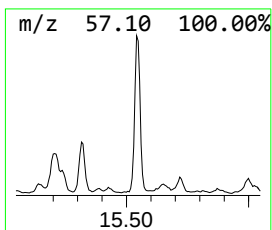
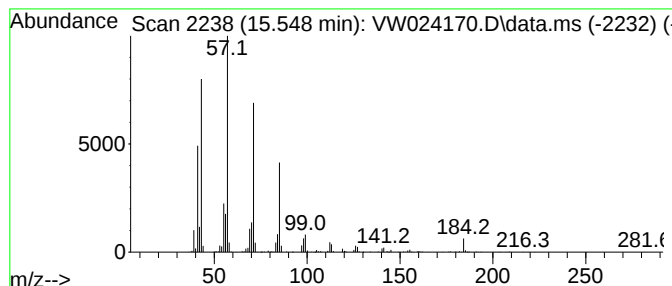
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.548	11.22 ug/L	693014	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	96
2			Tridecane	184	C13H28	000629-50-5	94
3			Tetradecane	198	C14H30	000629-59-4	91
4			Tridecane	184	C13H28	000629-50-5	90
5			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024170.D
Acq On : 04 Aug 2022 19:07
Operator : SY/VA
Sample : VIBLK525
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK525

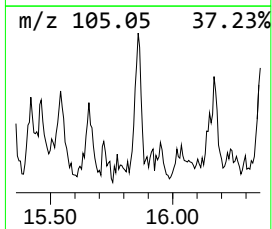
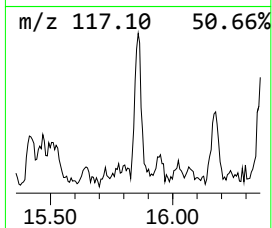
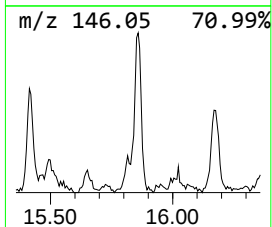
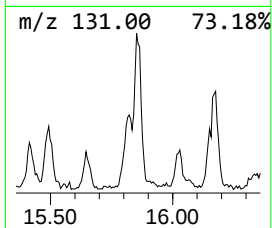
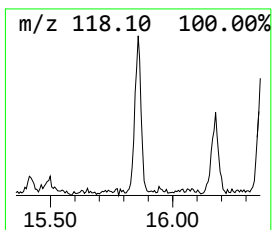
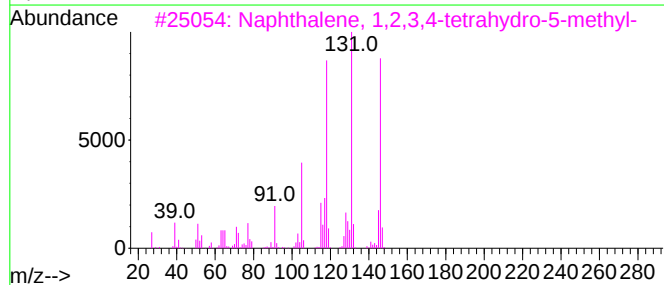
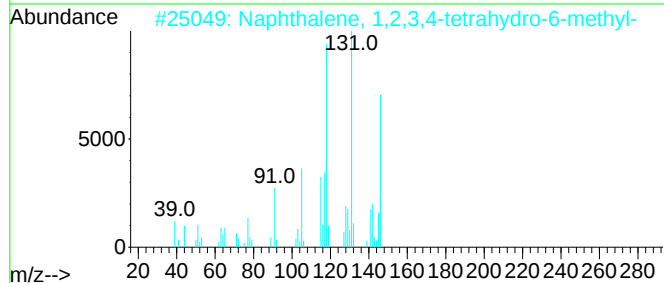
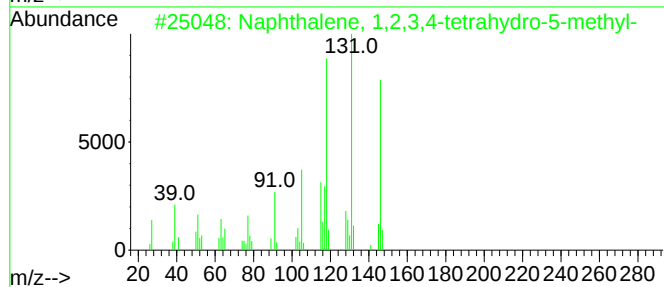
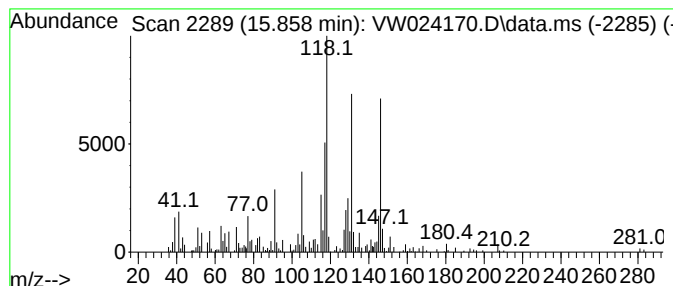
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Quant Title : SFAM01.0

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

Peak Number 16 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.858	1.52 ug/L	93955	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	83
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024170.D
Acq On : 04 Aug 2022 19:07
Operator : SY/VA
Sample : VIBLK525
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK525

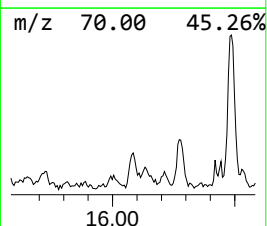
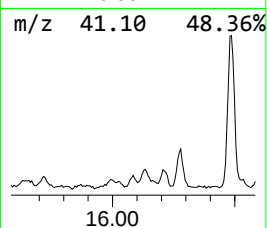
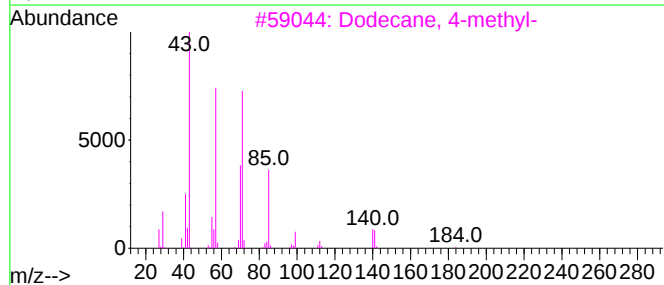
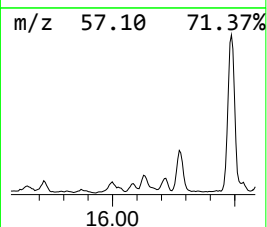
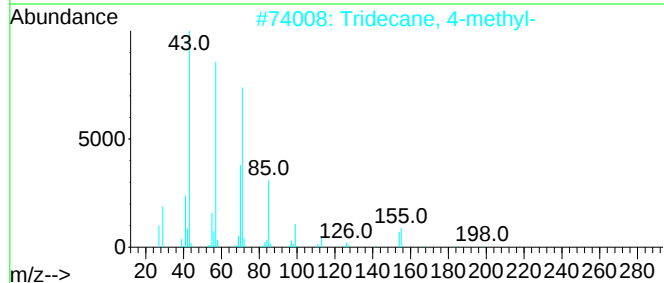
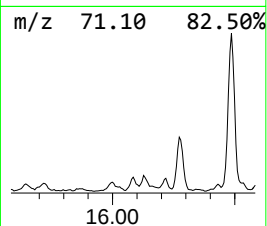
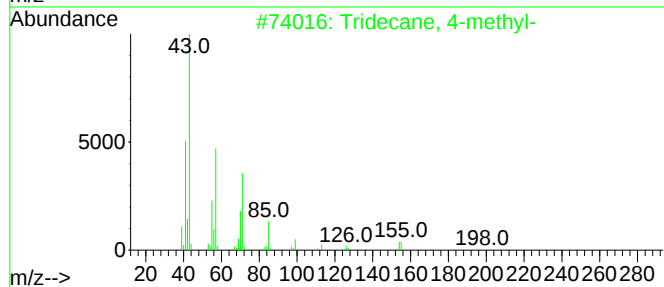
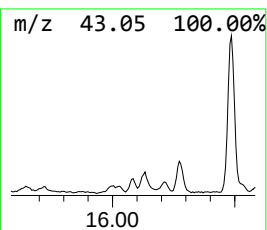
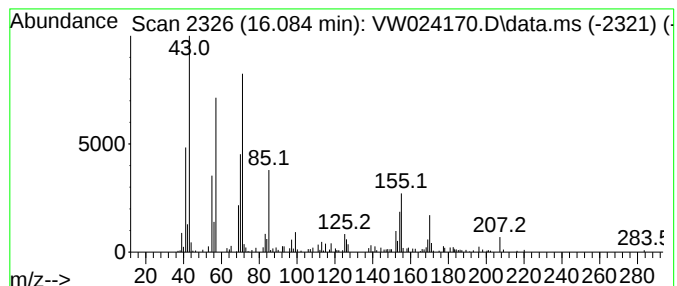
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.084	1.46 ug/L	90408	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 4-methyl-	198	C14H30	026730-12-1	89
2		Tridecane, 4-methyl-	198	C14H30	026730-12-1	59
3		Dodecane, 4-methyl-	184	C13H28	006117-97-1	53
4		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	52
5		Nonadecane	268	C19H40	000629-92-5	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024170.D
Acq On : 04 Aug 2022 19:07
Operator : SY/VA
Sample : VIBLK525
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK525

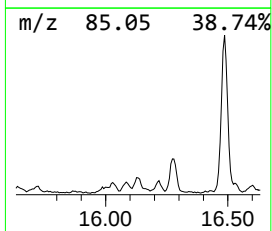
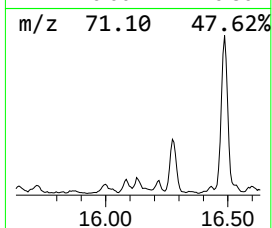
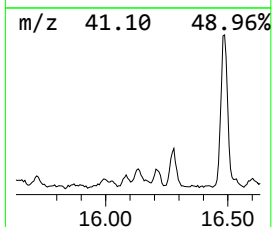
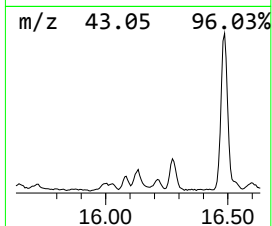
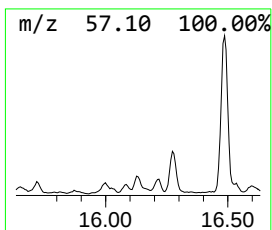
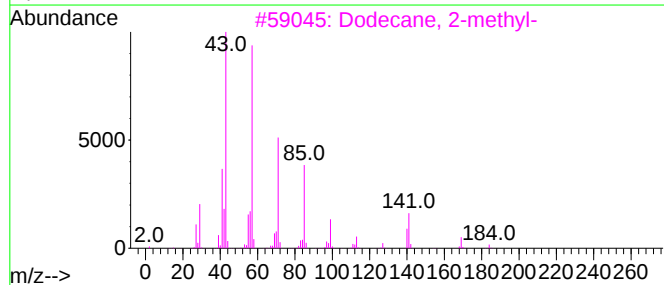
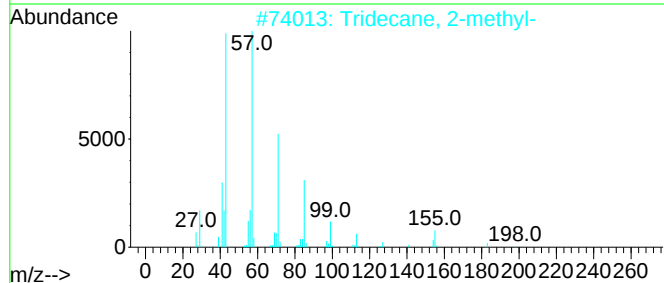
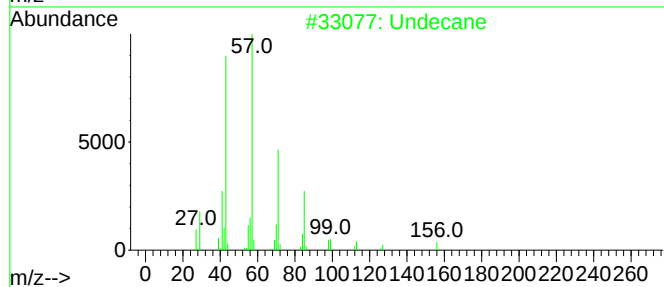
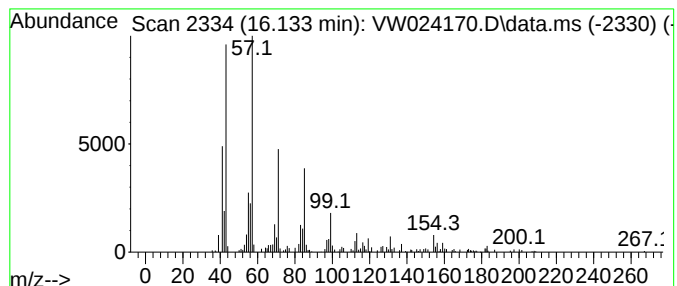
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.133	1.72 ug/L	106135	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane	156	C11H24	001120-21-4	83
2		Tridecane, 2-methyl-	198	C14H30	001560-96-9	78
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	78
4		Tridecane, 7-propyl-	226	C16H34	055045-09-5	59
5		Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024170.D
Acq On : 04 Aug 2022 19:07
Operator : SY/VA
Sample : VIBLK525
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK525

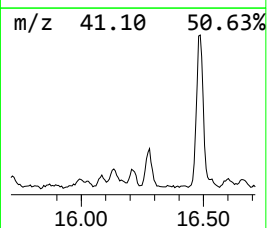
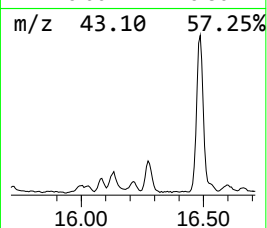
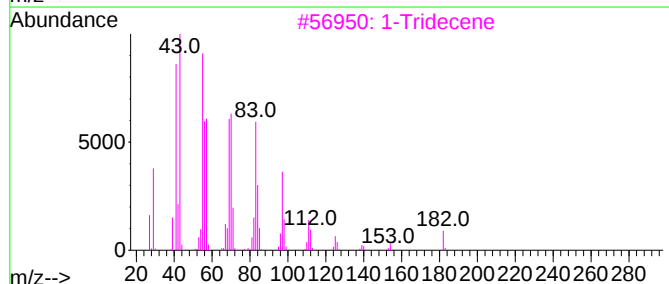
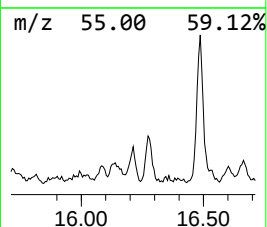
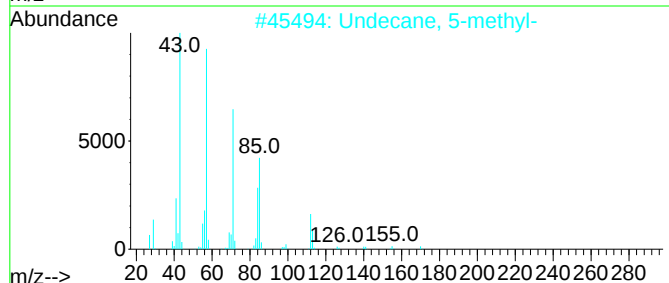
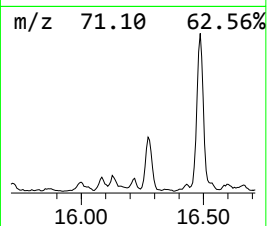
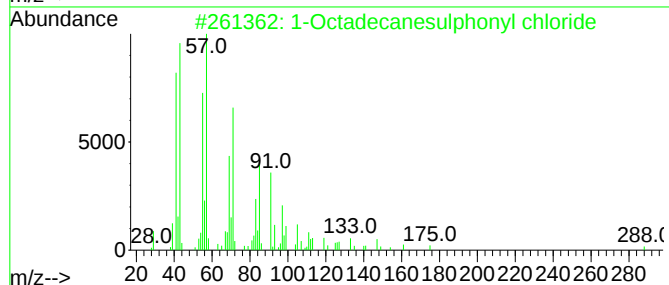
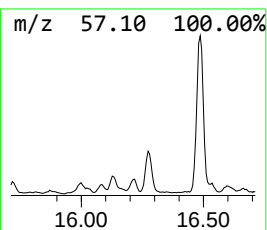
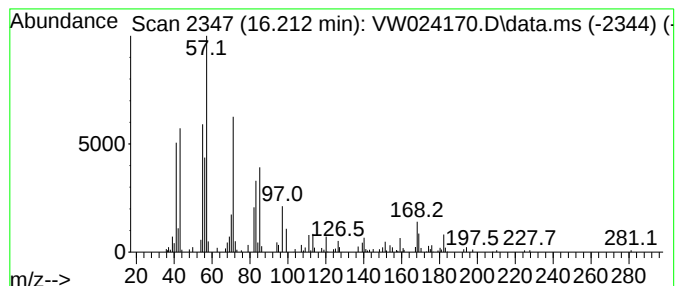
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Quant Title : SFAM01.0

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

Peak Number 19 1-Octadecanesulphonyl chloride Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.212	1.73 ug/L	106854	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	64
2			Undecane, 5-methyl-	170	C12H26	001632-70-8	43
3			1-Tridecene	182	C13H26	002437-56-1	38
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	38
5			Heptadecane, 2-methyl-	254	C18H38	001560-89-0	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024170.D
Acq On : 04 Aug 2022 19:07
Operator : SY/VA
Sample : VIBLK525
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK525

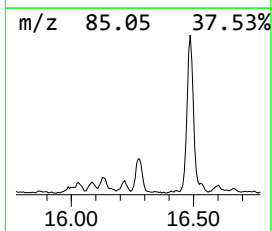
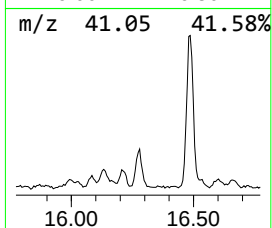
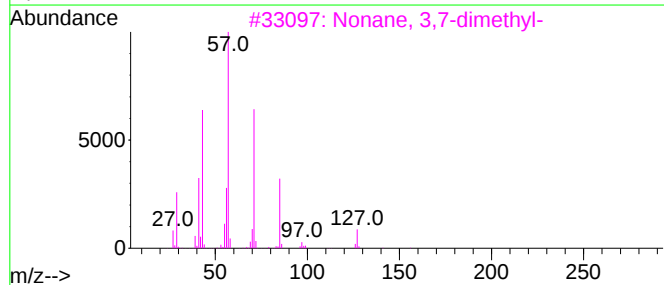
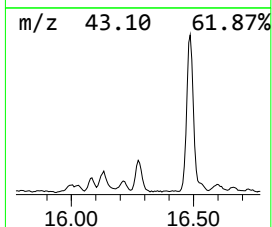
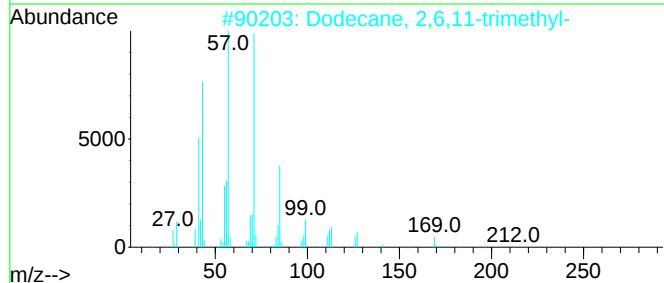
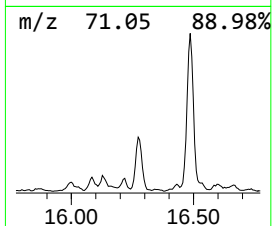
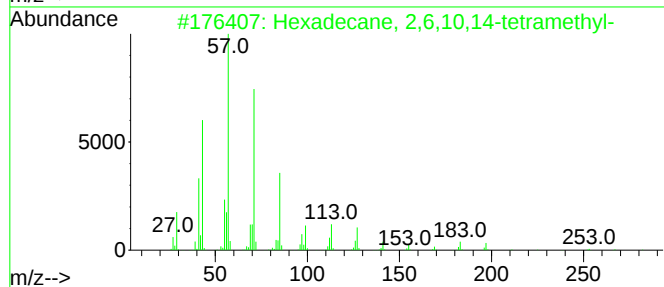
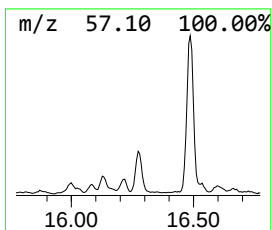
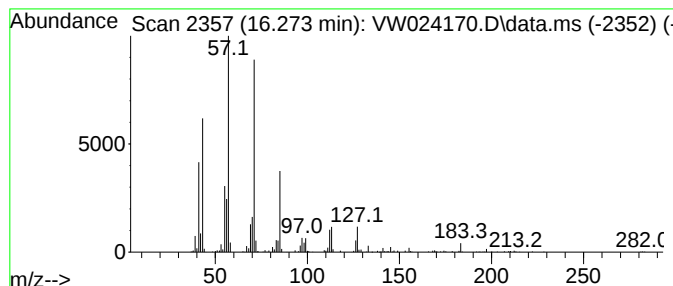
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Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.273	4.84 ug/L	298686	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	87
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	81
5		Undecane, 2-methyl-	170	C12H26	007045-71-8	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024170.D
Acq On : 04 Aug 2022 19:07
Operator : SY/VA
Sample : VIBLK525
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK525

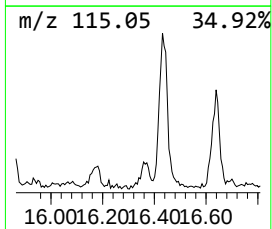
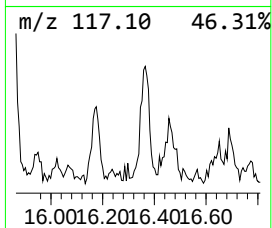
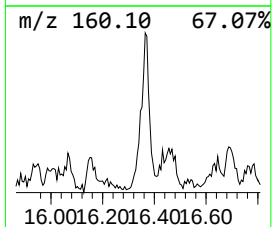
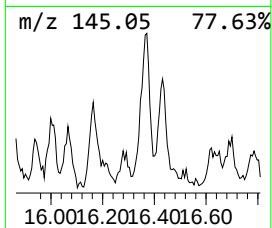
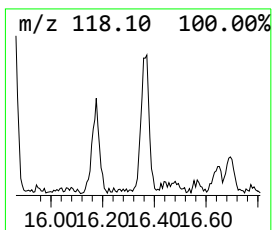
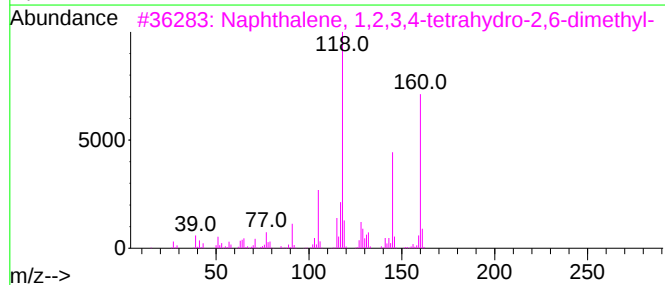
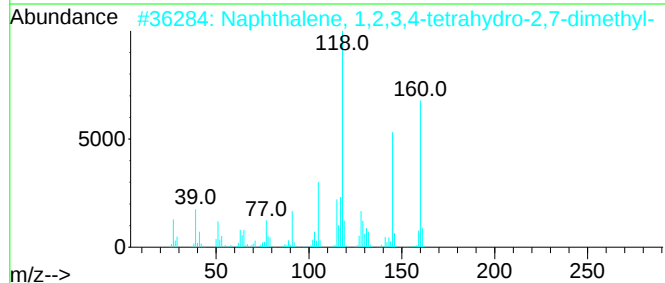
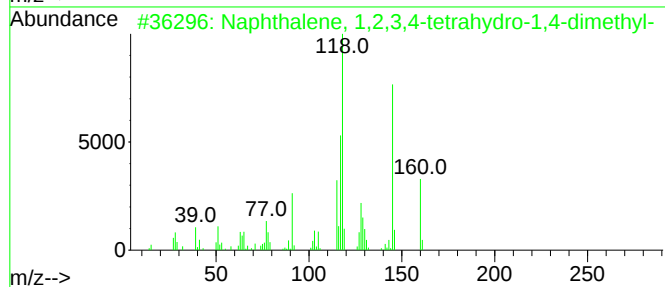
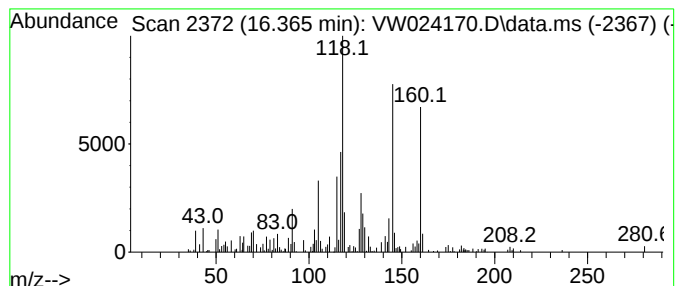
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Quant Title : SFAM01.0

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

Peak Number 21 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.365	1.45 ug/L	89748	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	90
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	74
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	68
4			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	60
5			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024170.D
Acq On : 04 Aug 2022 19:07
Operator : SY/VA
Sample : VIBLK525
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK525

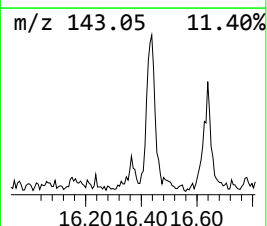
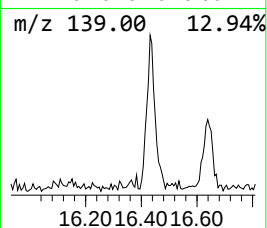
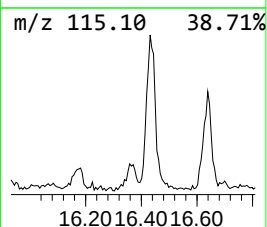
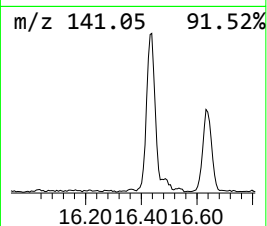
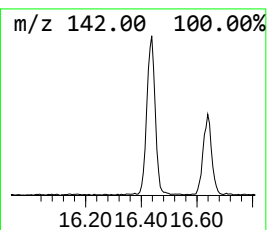
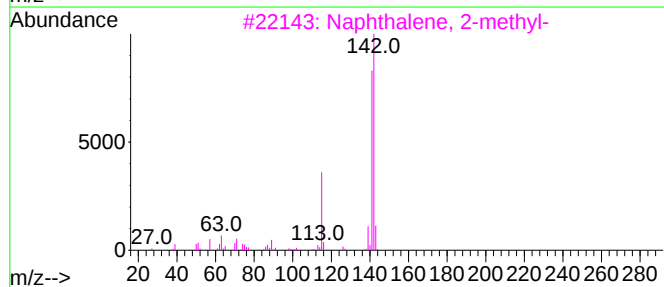
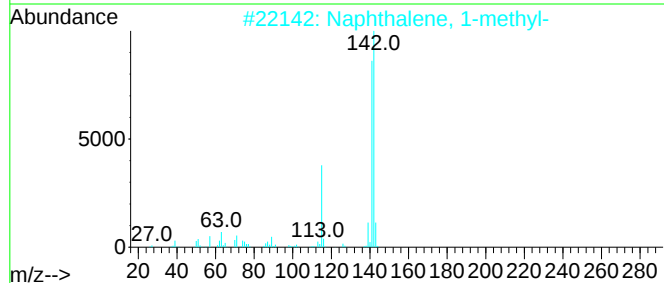
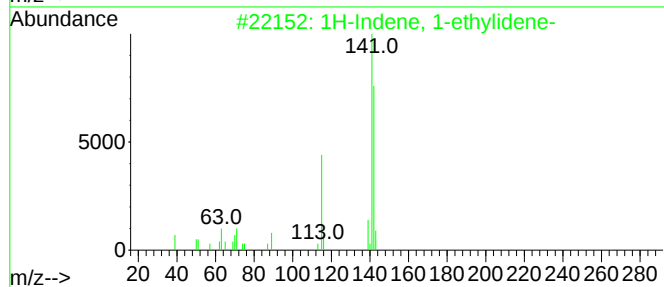
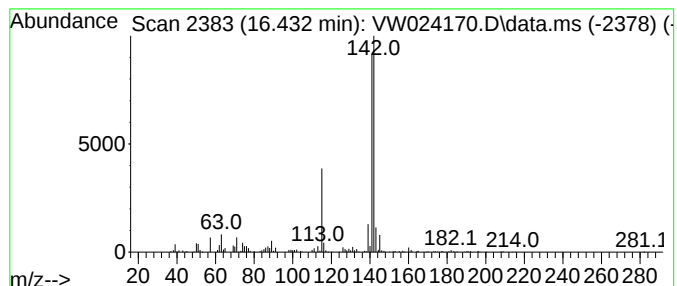
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Quant Title : SFAM01.0

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

Peak Number 22 1H-Indene, 1-ethylidene- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.432	4.55 ug/L	281162	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024170.D
Acq On : 04 Aug 2022 19:07
Operator : SY/VA
Sample : VIBLK525
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK525

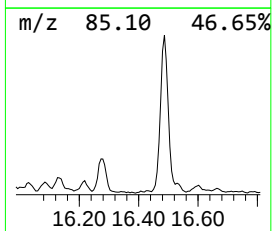
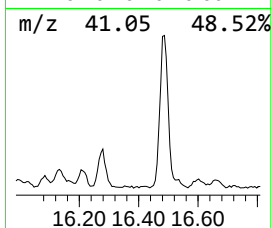
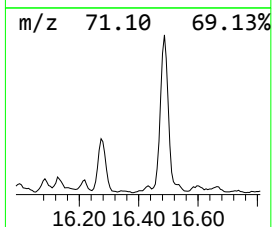
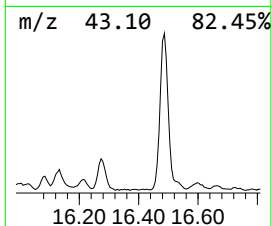
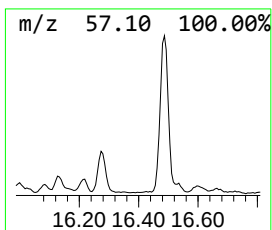
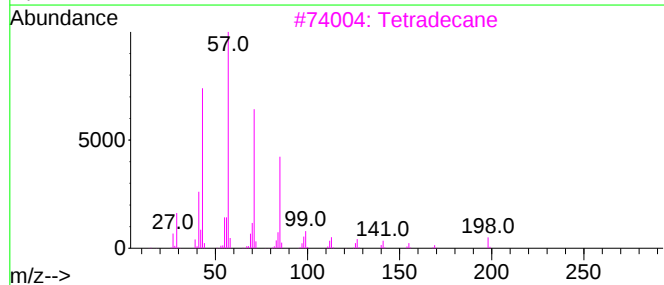
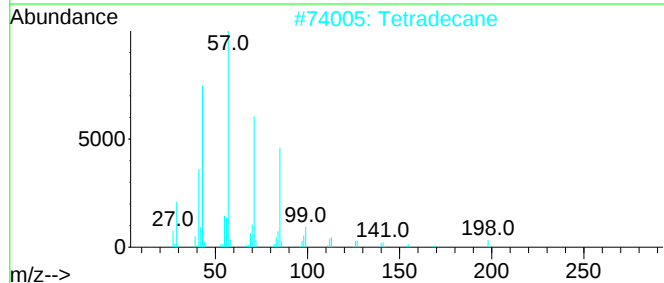
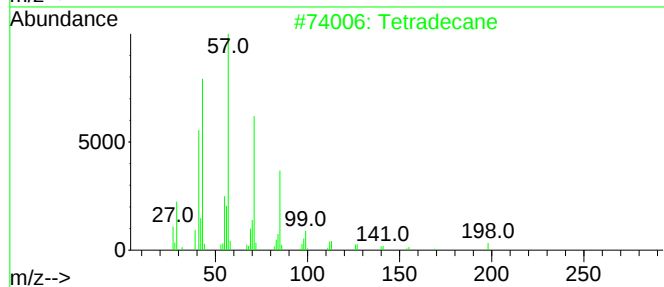
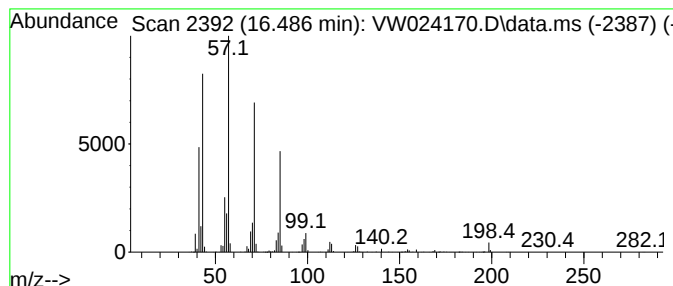
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Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.486	17.07 ug/L	1053860	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	93
2		Tetradecane	198	C14H30	000629-59-4	93
3		Tetradecane	198	C14H30	000629-59-4	90
4		Tridecane	184	C13H28	000629-50-5	86
5		Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024170.D
Acq On : 04 Aug 2022 19:07
Operator : SY/VA
Sample : VIBLK525
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK525

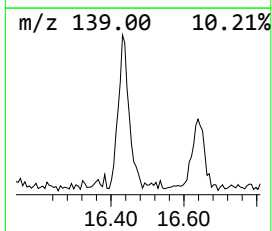
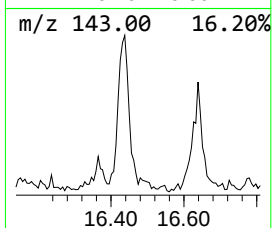
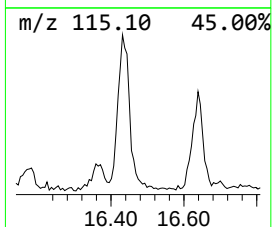
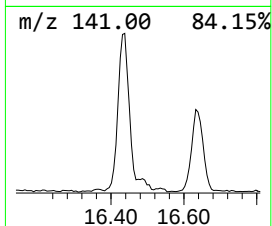
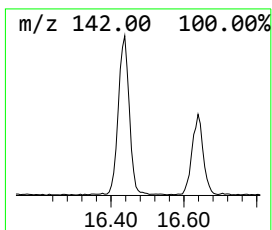
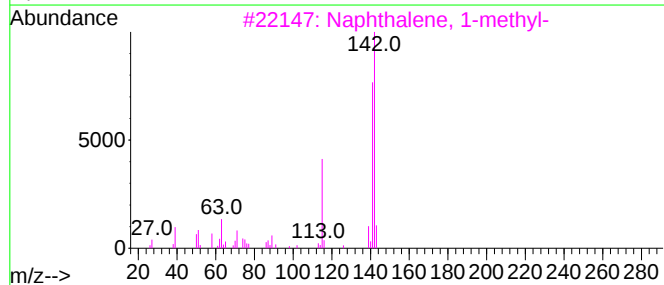
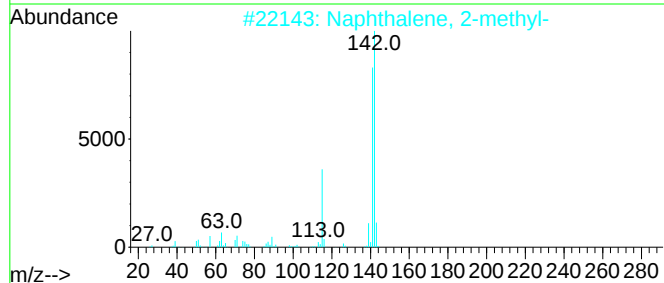
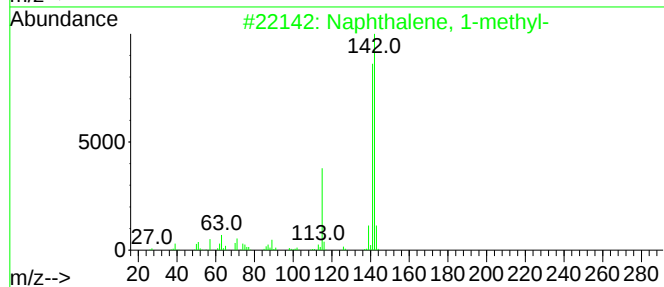
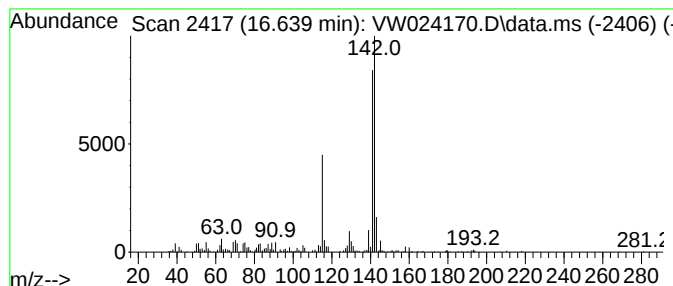
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Quant Title : SFAM01.0

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

Peak Number 24 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	5.61 ug/L	346671	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
5			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
 Data File : VW024170.D
 Acq On : 04 Aug 2022 19:07
 Operator : SY/VA
 Sample : VIBLK525
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK525

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	5.927	1.5	ug/L	61164	1	8.841	1049680	25.0
(DEL) Alkane: S...	11.347	1.8	ug/L	92322	2	11.628	1310860	25.0
(DEL) Alkane: S...	13.030	25.2	ug/L	1558380	3	13.554	1543850	25.0
(DEL) Alkane: S...	14.719	7.2	ug/L	441610	3	13.554	1543850	25.0
Benzene, 1,2,3,...	14.786	2.4	ug/L	147107	3	13.554	1543850	25.0
(DEL) Alkane: S...	14.834	2.7	ug/L	167813	3	13.554	1543850	25.0
Naphthalene, 1,...	14.956	1.6	ug/L	101233	3	13.554	1543850	25.0
(DEL) Alkane: S...	15.206	8.2	ug/L	503461	3	13.554	1543850	25.0
(DEL) Alkane: S...	15.316	4.0	ug/L	250123	3	13.554	1543850	25.0
(DEL) Alkane: S...	15.548	11.2	ug/L	693014	3	13.554	1543850	25.0
Naphthalene, 1,...	15.858	1.5	ug/L	93955	3	13.554	1543850	25.0
(DEL) Alkane: S...	16.084	1.5	ug/L	90408	3	13.554	1543850	25.0
(DEL) Alkane: S...	16.133	1.7	ug/L	106135	3	13.554	1543850	25.0
1-Octadecanesul...	16.212	1.7	ug/L	106854	3	13.554	1543850	25.0
(DEL) Alkane: S...	16.273	4.8	ug/L	298686	3	13.554	1543850	25.0
Naphthalene, 1,...	16.365	1.5	ug/L	89748	3	13.554	1543850	25.0
1H-Indene, 1-et...	16.432	4.5	ug/L	281162	3	13.554	1543850	25.0
(DEL) Alkane: S...	16.486	17.1	ug/L	1053860	3	13.554	1543850	25.0
Naphthalene, 1-...	16.639	5.6	ug/L	346671	3	13.554	1543850	25.0