

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
 Data File : VW025155.D
 Acq On : 22 Dec 2022 14:07
 Operator : SY/MD
 Sample : N6169-05
 Misc : 4.62g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBQ98

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

Signal : TIC: VW025155.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	11	14	23	rVB2	5414	11055	0.57%	0.077%
2	2.154	39	41	49	rVB3	2510	4523	0.23%	0.031%
3	2.349	67	73	86	rVB	128473	210659	10.78%	1.461%
4	2.489	91	96	104	rBV	24510	46049	2.36%	0.319%
5	2.635	114	120	128	rVB7	3239	7636	0.39%	0.053%
6	2.812	144	149	153	rBV	2750	5066	0.26%	0.035%
7	2.885	153	161	172	rVV	85279	177348	9.07%	1.230%
8	3.025	176	184	194	rBV	23663	54853	2.81%	0.380%
9	3.385	233	243	264	rVV	358083	846963	43.33%	5.874%
10	3.720	292	298	299	rBV3	1426	1882	0.10%	0.013%
11	4.019	335	347	358	rBV	214845	629784	32.22%	4.368%
12	4.123	358	364	377	rVB2	19377	53559	2.74%	0.371%
13	4.391	405	408	413	rVB4	1129	1748	0.09%	0.012%
14	4.915	482	494	510	rVV	19036	67243	3.44%	0.466%
15	5.025	510	512	519	rVB5	1167	1588	0.08%	0.011%
16	5.117	524	527	539	rVB4	1144	2970	0.15%	0.021%
17	5.781	626	636	649	rBV3	6019	19286	0.99%	0.134%
18	5.940	655	662	672	rVB3	3848	11420	0.58%	0.079%
19	6.976	828	832	833	rBV4	823	1130	0.06%	0.008%
20	7.074	839	848	858	rBV	73921	203678	10.42%	1.413%
21	7.647	930	942	959	rBV	331588	817165	41.80%	5.668%
22	7.927	984	988	990	rBV4	823	1092	0.06%	0.008%
23	8.275	1035	1045	1061	rBV2	648504	1954833	100.00%	13.559%
24	8.561	1090	1092	1098	rVB5	2008	3900	0.20%	0.027%
25	8.701	1108	1115	1117	rBV5	1913	3764	0.19%	0.026%
26	8.841	1127	1138	1151	rBV	576867	1128837	57.75%	7.829%
27	9.085	1168	1178	1183	rBV7	2906	6219	0.32%	0.043%
28	9.274	1199	1209	1218	rBV	450567	927418	47.44%	6.432%
29	9.604	1255	1263	1268	rBV5	1931	3189	0.16%	0.022%
30	9.671	1268	1274	1279	rVB4	2279	4207	0.22%	0.029%
31	9.750	1281	1287	1294	rVB6	3299	6945	0.36%	0.048%
32	9.896	1307	1311	1316	rBV3	808	1356	0.07%	0.009%
33	9.945	1316	1319	1320	rBV3	1493	1782	0.09%	0.012%
34	10.030	1325	1333	1346	rBV	255902	467576	23.92%	3.243%
35	10.323	1372	1381	1389	rBV	901487	1584251	81.04%	10.988%
36	10.500	1403	1410	1416	rVB5	7541	15586	0.80%	0.108%

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

37	10.579	1416	1423	1432	rBV	162881	291047	14.89%	2.019%
38	10.664	1432	1437	1440	rVV4	7297	15450	0.79%	0.107%
39	10.701	1440	1443	1449	rVB2	8484	12895	0.66%	0.089%
40	10.756	1449	1452	1457	rVB6	3300	5418	0.28%	0.038%
41	10.847	1462	1467	1472	rVB2	7945	14066	0.72%	0.098%
42	10.920	1472	1479	1494	rBV	261882	442046	22.61%	3.066%
43	11.073	1500	1504	1506	rBV5	1430	2292	0.12%	0.016%
44	11.097	1506	1508	1512	rVB3	1538	1382	0.07%	0.010%
45	11.176	1512	1521	1525	rBV3	10262	19114	0.98%	0.133%
46	11.225	1525	1529	1535	rVB3	13772	24190	1.24%	0.168%
47	11.286	1535	1539	1542	rBV5	1125	1514	0.08%	0.011%
48	11.329	1542	1546	1552	rVB4	4846	7868	0.40%	0.055%
49	11.408	1552	1559	1560	rBV3	4349	7259	0.37%	0.050%
50	11.512	1570	1576	1580	rBV5	2448	4265	0.22%	0.030%
51	11.554	1580	1583	1587	rBV4	946	1144	0.06%	0.008%
52	11.628	1587	1595	1605	rBV	602743	1006113	51.47%	6.978%
53	11.725	1607	1611	1614	rVB5	2571	3449	0.18%	0.024%
54	11.762	1614	1617	1621	rBV5	2038	3230	0.17%	0.022%
55	11.841	1626	1630	1632	rBV5	5792	8514	0.44%	0.059%
56	11.963	1647	1650	1651	rBV3	1527	1376	0.07%	0.010%
57	12.036	1658	1662	1669	rBV7	2108	4155	0.21%	0.029%
58	12.140	1672	1679	1689	rBV9	10486	33547	1.72%	0.233%
59	12.219	1691	1692	1694	rVV2	2399	2144	0.11%	0.015%
60	12.249	1695	1697	1700	rVB2	5450	5367	0.27%	0.037%
61	12.298	1700	1705	1706	rBV3	3392	4911	0.25%	0.034%
62	12.341	1707	1712	1728	rVB8	15463	55956	2.86%	0.388%
63	12.603	1751	1755	1760	rVB2	12430	19866	1.02%	0.138%
64	12.688	1760	1769	1777	rBV	408704	652258	33.37%	4.524%
65	12.774	1778	1783	1790	rVB7	15012	31544	1.61%	0.219%
66	12.859	1790	1797	1801	rBV6	8441	18731	0.96%	0.130%
67	12.926	1803	1808	1815	rVB4	22683	48403	2.48%	0.336%
68	13.097	1829	1836	1842	rBV4	4907	14612	0.75%	0.101%
69	13.164	1843	1847	1856	rVB8	8720	21068	1.08%	0.146%
70	13.249	1856	1861	1872	rBV3	12814	31949	1.63%	0.222%
71	13.438	1889	1892	1897	rVB4	7806	11902	0.61%	0.083%
72	13.499	1897	1902	1905	rBV5	10818	18944	0.97%	0.131%
73	13.554	1905	1911	1924	rVB	565647	915182	46.82%	6.348%
74	13.749	1939	1943	1946	rBV3	4660	8000	0.41%	0.055%
75	13.847	1953	1959	1972	rBV	569664	983571	50.31%	6.822%
76	14.005	1983	1985	1986	rBV2	3513	2615	0.13%	0.018%

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 Title : SFAM01.0

77	14.200	2011	2017	2022	rBV2	9541	17404	0.89%	0.121%
78	14.255	2022	2026	2028	rBV5	3143	5108	0.26%	0.035%
79	14.334	2032	2039	2042	rBV7	9025	20594	1.05%	0.143%
80	14.383	2044	2047	2050	rVB4	8404	11063	0.57%	0.077%
81	14.450	2056	2058	2062	rVB3	7075	8572	0.44%	0.059%
82	14.493	2062	2065	2068	rBV4	7243	7717	0.39%	0.054%
83	14.542	2069	2073	2079	rVB7	8741	16872	0.86%	0.117%
84	14.633	2079	2088	2094	rBV7	4478	11741	0.60%	0.081%
85	14.688	2094	2097	2098	rBV3	5255	6750	0.35%	0.047%
86	14.718	2098	2102	2108	rVB2	32546	49209	2.52%	0.341%
87	14.786	2108	2113	2118	rBV2	21788	41170	2.11%	0.286%
88	14.956	2137	2141	2147	rVB6	5467	8510	0.44%	0.059%
89	15.060	2154	2158	2161	rVB5	3088	4998	0.26%	0.035%
90	15.310	2195	2199	2204	rBV2	7969	13710	0.70%	0.095%
91	15.395	2209	2213	2219	rVV	24883	39315	2.01%	0.273%
92	15.474	2222	2226	2231	rVV2	5875	14526	0.74%	0.101%
93	15.542	2233	2237	2244	rVV2	24463	40804	2.09%	0.283%
94	15.621	2248	2250	2251	rBV2	1716	1202	0.06%	0.008%
95	15.724	2263	2267	2271	rBV6	3342	5493	0.28%	0.038%
96	15.791	2274	2278	2284	rVV8	5942	9541	0.49%	0.066%
97	16.133	2330	2334	2335	rBV3	2568	3251	0.17%	0.023%
98	16.279	2353	2358	2362	rVB4	3742	6670	0.34%	0.046%
99	16.444	2381	2385	2386	rBV3	2303	2770	0.14%	0.019%
100	16.480	2387	2391	2397	rVB2	15606	26849	1.37%	0.186%

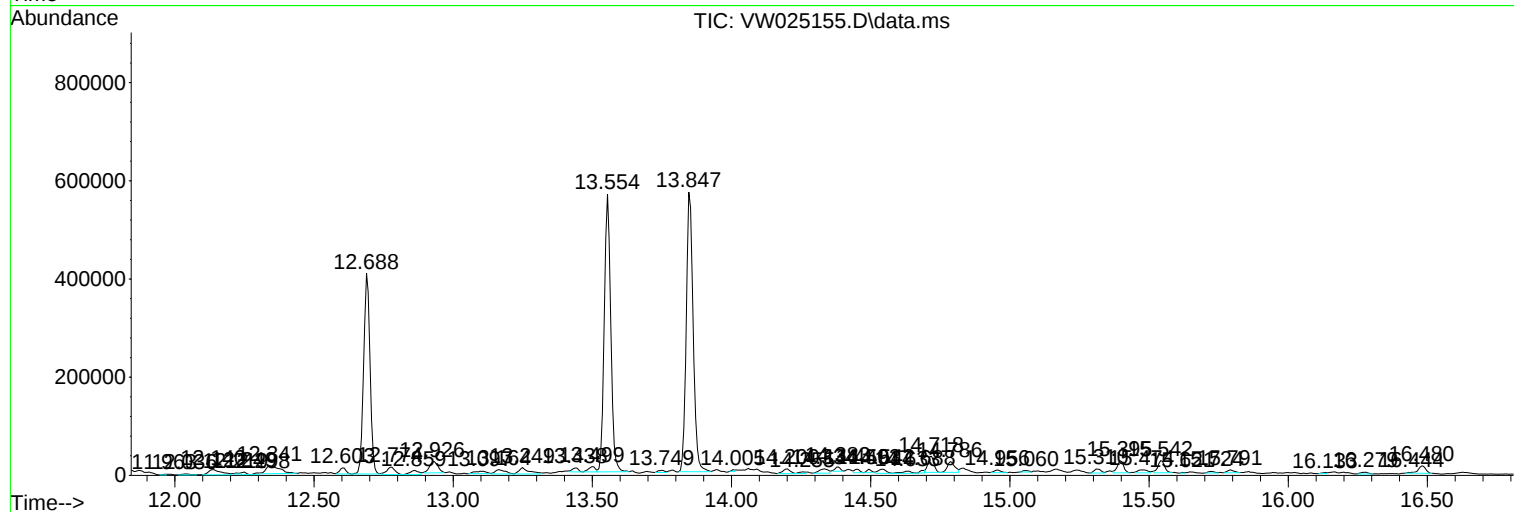
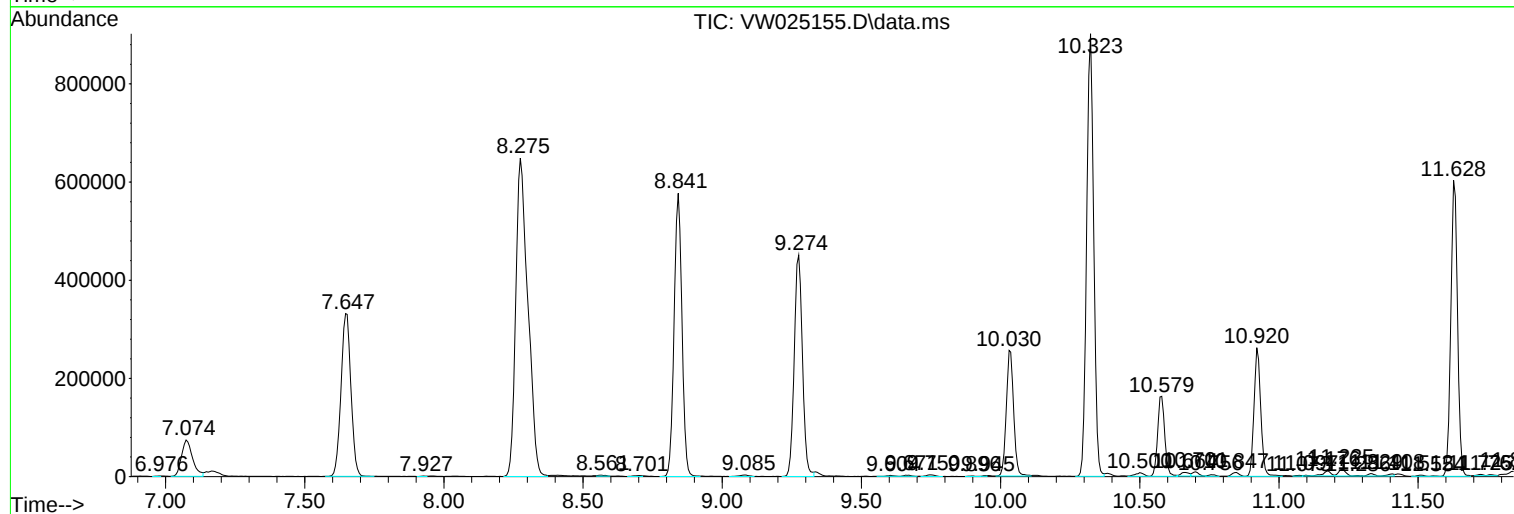
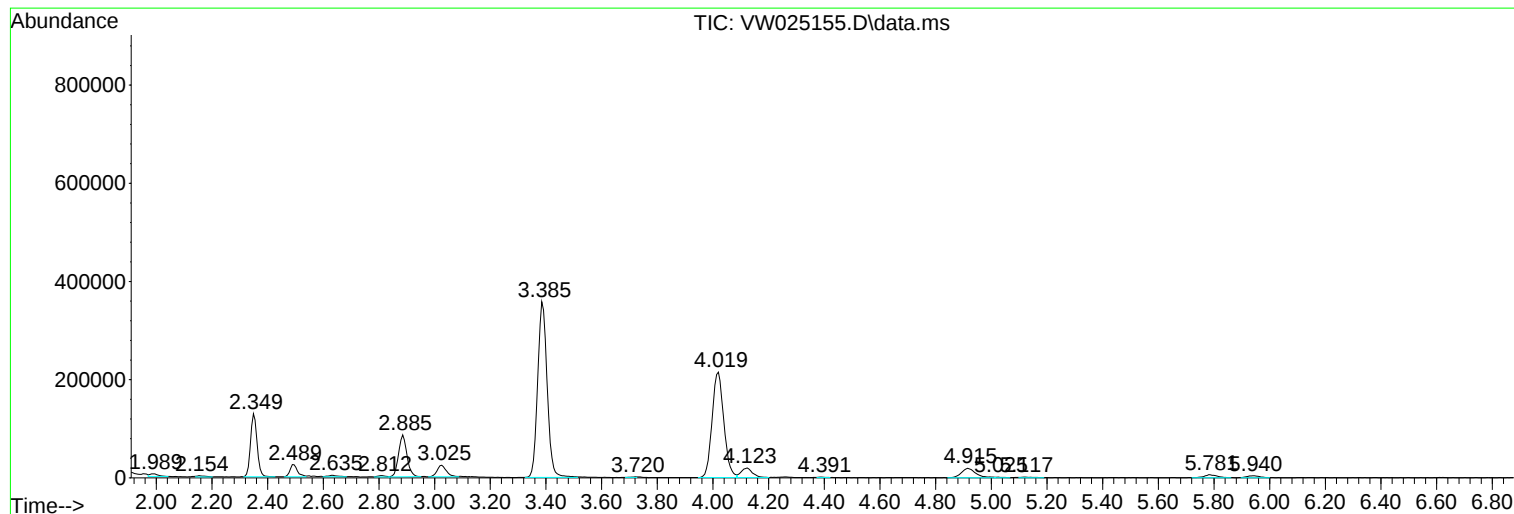
Sum of corrected areas: 14417756

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

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



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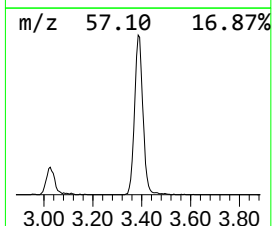
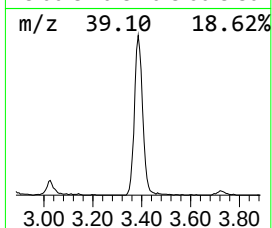
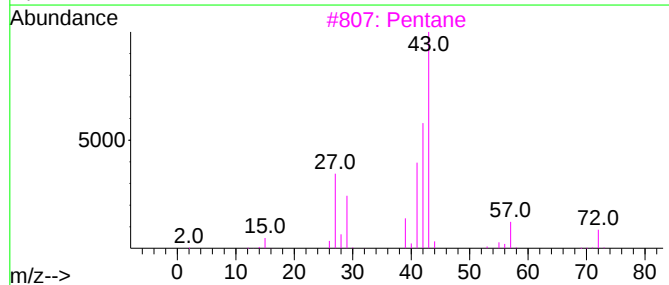
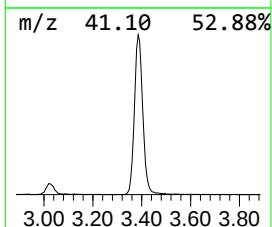
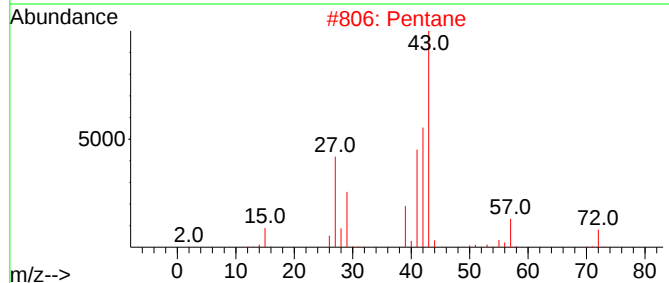
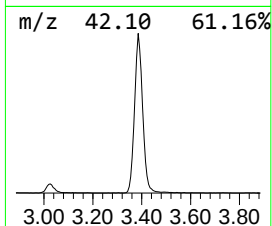
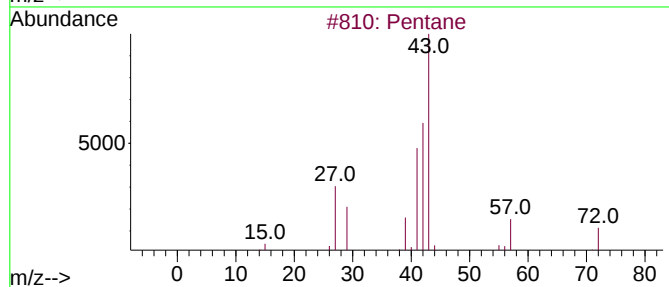
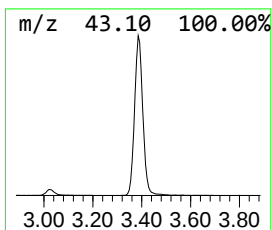
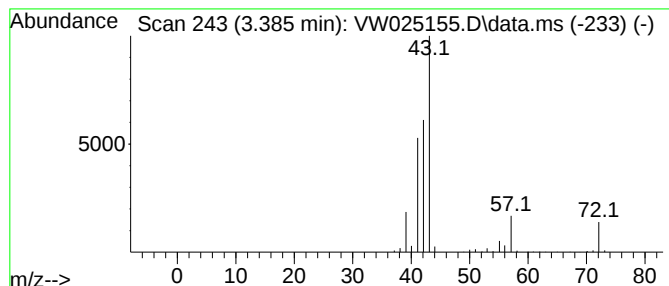
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.385	18.76 ug/L	846963	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane			72	C5H12	000109-66-0	86
2	Pentane			72	C5H12	000109-66-0	86
3	Pentane			72	C5H12	000109-66-0	86
4	Pentane			72	C5H12	000109-66-0	72
5	Pentane			72	C5H12	000109-66-0	64



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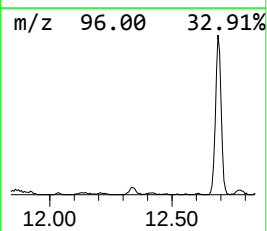
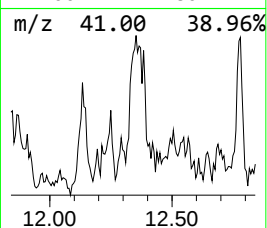
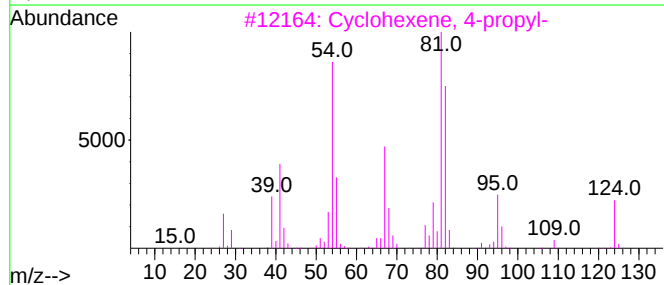
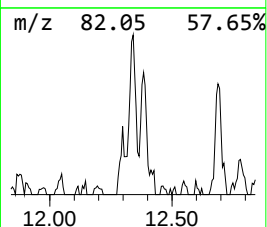
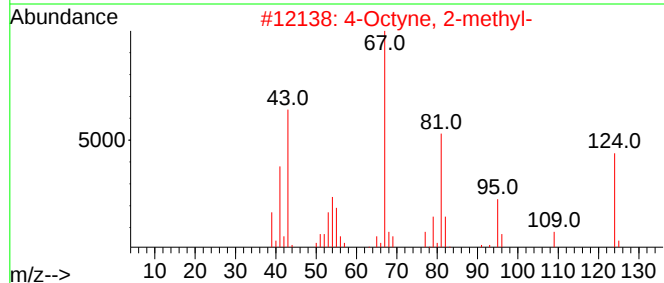
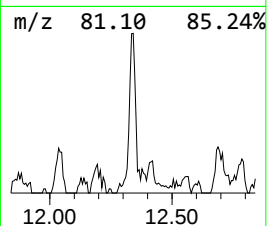
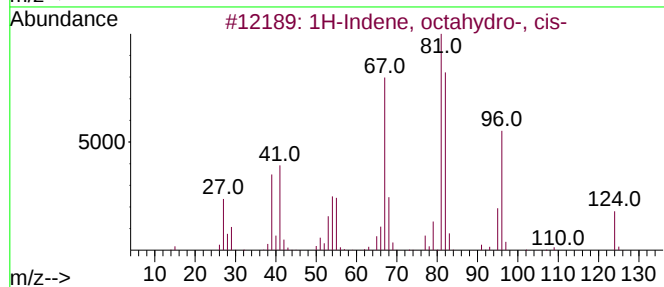
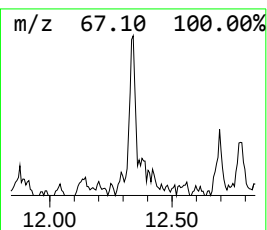
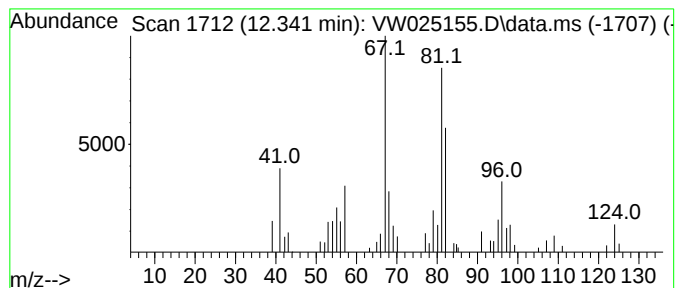
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 1H-Indene, octahydro-, cis- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.341	1.39 ug/L	55956	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	62
2			4-Octyne, 2-methyl-	124	C9H16	010306-94-2	58
3			Cyclohexene, 4-propyl-	124	C9H16	013487-64-4	49
4			Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	49
5			Cyclohexene,3-propyl-	124	C9H16	003983-06-0	49



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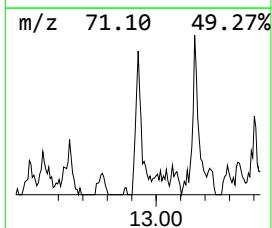
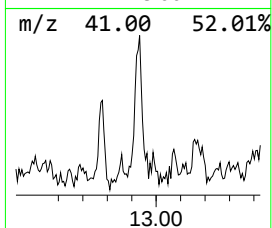
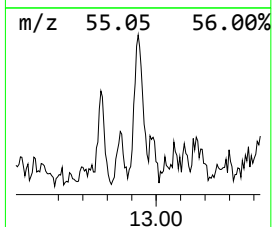
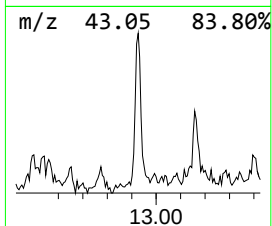
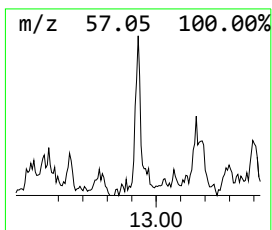
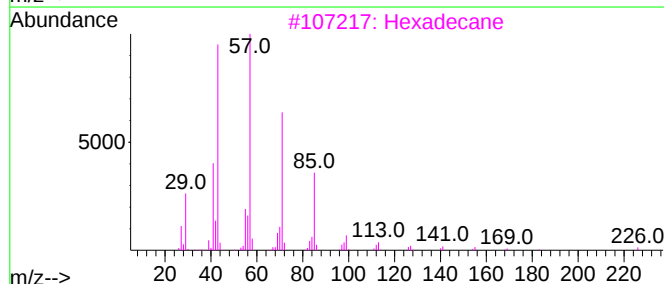
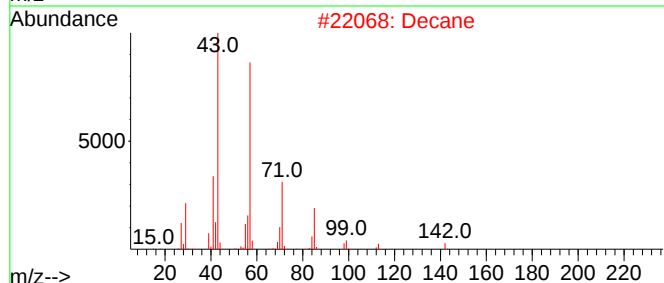
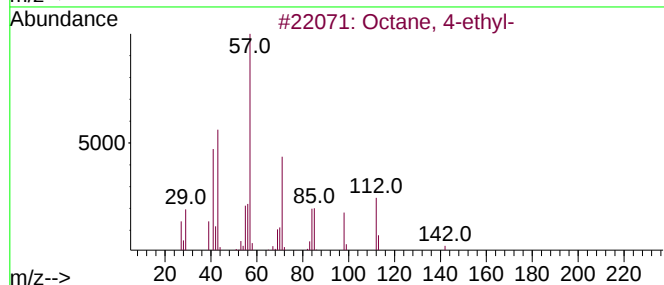
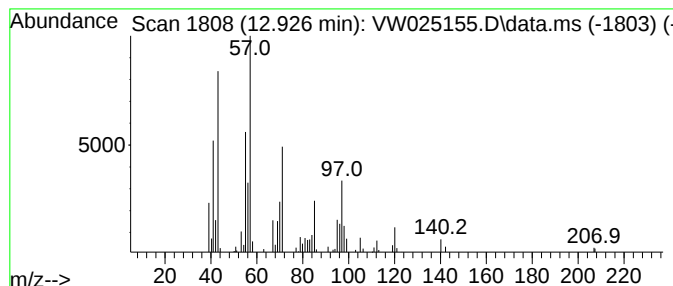
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.926	1.32 ug/L	48403	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-ethyl-			142	C10H22	015869-86-0	53
2	Decane			142	C10H22	000124-18-5	46
3	Hexadecane			226	C16H34	000544-76-3	43
4	Undecane			156	C11H24	001120-21-4	43
5	Decane, 3,4-dimethyl-			170	C12H26	017312-45-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025155.D
Acq On : 22 Dec 2022 14:07
Operator : SY/MD
Sample : N6169-05
Misc : 4.62g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBQ98

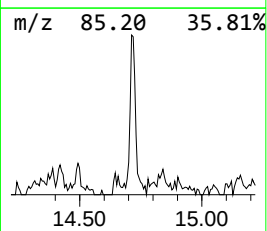
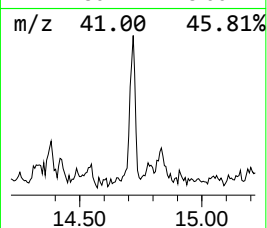
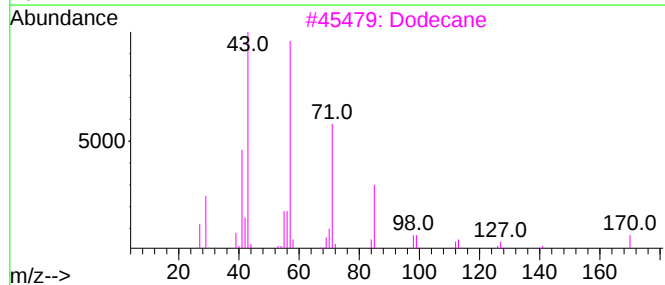
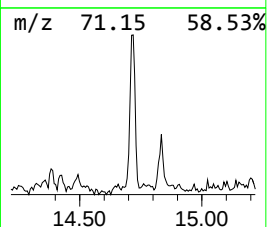
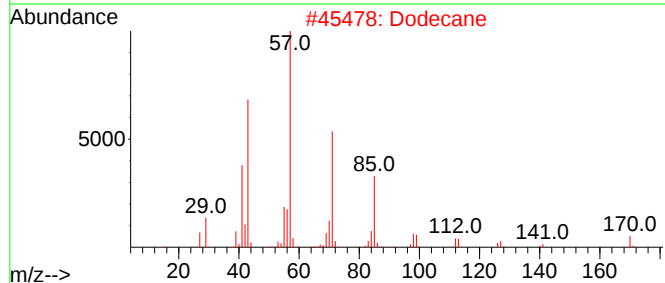
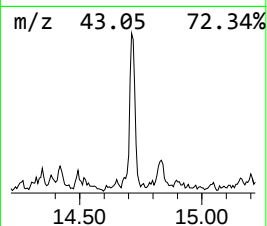
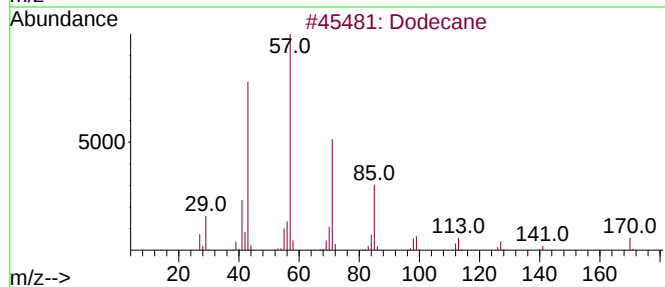
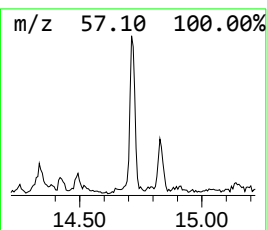
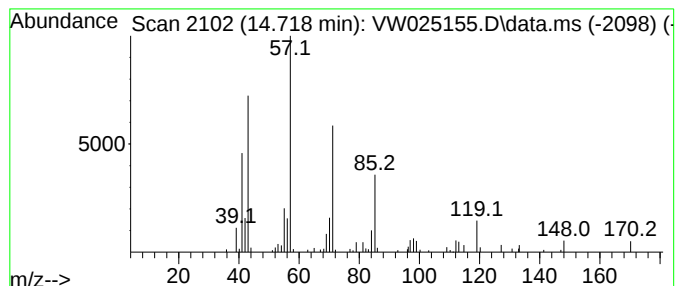
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.719	1.34 ug/L	49209	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	94
2			Dodecane	170	C12H26	000112-40-3	94
3			Dodecane	170	C12H26	000112-40-3	81
4			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	72
5			Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025155.D
Acq On : 22 Dec 2022 14:07
Operator : SY/MD
Sample : N6169-05
Misc : 4.62g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBQ98

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	3.385	18.8	ug/L	846963	1	8.841	1128840	25.0
1H-Indene, octa...	12.341	1.4	ug/L	55956	2	11.634	1006110	25.0
(DEL) Alkane: S...	12.926	1.3	ug/L	48403	3	13.554	915182	25.0
(DEL) Alkane: S...	14.719	1.3	ug/L	49209	3	13.554	915182	25.0