

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
 Data File : VW026148.D
 Acq On : 08 Jun 2023 21:54
 Operator : SY/MD
 Sample : 03101-03
 Misc : 6.14g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZEL8

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\SFAMWLM053023SMA.M
 Title : SFAM01.0

Signal : TIC: VW026148.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.137	38	41	47	rBV	9620	19531	0.46%	0.063%
2	2.216	50	54	55	rBV3	4692	5607	0.13%	0.018%
3	2.362	71	78	95	rBV	166292	447902	10.52%	1.455%
4	2.631	116	122	127	rBV10	9890	23823	0.56%	0.077%
5	2.801	148	150	151	rBV2	8341	7376	0.17%	0.024%
6	2.893	158	165	180	rVB	173304	479015	11.25%	1.556%
7	3.387	240	246	253	rBV	3619	9708	0.23%	0.032%
8	3.478	259	261	264	rVV4	2100	2129	0.05%	0.007%
9	3.527	267	269	273	rVV5	905	1444	0.03%	0.005%
10	3.588	276	279	282	rBV4	1689	2675	0.06%	0.009%
11	3.679	293	294	297	rVB3	1881	1243	0.03%	0.004%
12	3.758	306	307	312	rVB5	1391	1772	0.04%	0.006%
13	3.813	312	316	317	rBV4	1115	1578	0.04%	0.005%
14	3.856	321	323	326	rVB4	1384	1839	0.04%	0.006%
15	4.027	336	351	375	rBV	377402	1339126	31.45%	4.349%
16	4.185	375	377	378	rVV2	3705	3664	0.09%	0.012%
17	4.228	382	384	388	rVV5	3160	4664	0.11%	0.015%
18	4.271	390	391	393	rVV2	2040	1838	0.04%	0.006%
19	4.362	402	406	407	rVV4	1795	2126	0.05%	0.007%
20	4.380	407	409	412	rVV4	2285	2821	0.07%	0.009%
21	4.417	414	415	420	rVV5	1304	1828	0.04%	0.006%
22	4.472	422	424	426	rVB3	1838	1444	0.03%	0.005%
23	4.502	426	429	430	rBV3	1787	1722	0.04%	0.006%
24	4.624	441	449	454	rVV3	4709	13975	0.33%	0.045%
25	4.673	454	457	460	rVV5	2422	4154	0.10%	0.013%
26	4.777	472	474	475	rBV2	1236	1292	0.03%	0.004%
27	4.911	484	496	511	rBV2	14095	61126	1.44%	0.199%
28	5.014	511	513	515	rVV3	1517	1400	0.03%	0.005%
29	5.039	515	517	519	rVV3	1906	1435	0.03%	0.005%
30	5.081	521	524	526	rBV4	1334	1466	0.03%	0.005%
31	5.130	530	532	534	rVV3	1930	1568	0.04%	0.005%
32	5.161	534	537	540	rVV5	2011	2710	0.06%	0.009%
33	5.197	542	543	547	rVB3	2232	1736	0.04%	0.006%
34	5.258	550	553	554	rBV3	1679	1698	0.04%	0.006%
35	5.374	571	572	575	rVB3	2049	1419	0.03%	0.005%
36	5.417	575	579	580	rBV4	2416	3107	0.07%	0.010%

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 Title : SFAM01.0

37	5.441	580	583	584	rBV3	1253	1225	0.03%	0.004%
38	5.490	590	591	594	rBV3	1122	1226	0.03%	0.004%
39	5.618	608	612	615	rVB6	1552	2654	0.06%	0.009%
40	5.728	626	630	631	rBV4	1348	1797	0.04%	0.006%
41	5.789	638	640	643	rBV4	1230	1531	0.04%	0.005%
42	5.941	655	665	669	rBV4	5465	14690	0.34%	0.048%
43	5.971	669	670	672	rVV2	1994	1608	0.04%	0.005%
44	5.990	672	673	678	rVB5	1460	1737	0.04%	0.006%
45	6.045	681	682	686	rBV4	1557	1367	0.03%	0.004%
46	6.228	710	712	715	rBV4	1415	1548	0.04%	0.005%
47	6.484	752	754	757	rBV4	1326	1576	0.04%	0.005%
48	6.673	782	785	787	rBV4	1850	1912	0.04%	0.006%
49	6.709	787	791	793	rVB5	1203	1332	0.03%	0.004%
50	6.758	796	799	801	rBV4	1211	1604	0.04%	0.005%
51	6.819	806	809	811	rBV4	1229	1415	0.03%	0.005%
52	6.892	818	821	822	rBV3	1422	1409	0.03%	0.005%
53	6.929	826	827	830	rBV3	1313	1272	0.03%	0.004%
54	6.953	830	831	836	rVB5	1393	1448	0.03%	0.005%
55	7.002	836	839	841	rBV4	1566	1693	0.04%	0.005%
56	7.075	841	851	859	rBV	99836	301054	7.07%	0.978%
57	7.240	876	878	882	rVB5	1633	2372	0.06%	0.008%
58	7.343	893	895	900	rVB6	1921	2668	0.06%	0.009%
59	7.416	905	907	911	rBV5	1365	1832	0.04%	0.006%
60	7.459	911	914	917	rVB5	1363	2091	0.05%	0.007%
61	7.648	935	945	959	rVB	729521	1762833	41.40%	5.725%
62	7.752	959	962	963	rBV3	1817	1724	0.04%	0.006%
63	7.953	992	995	998	rBV5	1542	1636	0.04%	0.005%
64	7.983	998	1000	1001	rVB2	1997	1458	0.03%	0.005%
65	8.032	1004	1008	1009	rBV4	1737	2208	0.05%	0.007%
66	8.063	1011	1013	1017	rBV4	1202	1344	0.03%	0.004%
67	8.099	1017	1019	1021	rVB3	1895	1224	0.03%	0.004%
68	8.172	1027	1031	1034	rVB6	1534	1985	0.05%	0.006%
69	8.276	1037	1048	1064	rBV2	1443320	4258192	100.00%	13.830%
70	8.550	1091	1093	1094	rBV2	2071	1832	0.04%	0.006%
71	8.623	1103	1105	1109	rBV5	1254	1677	0.04%	0.005%
72	8.678	1111	1114	1117	rBV4	2523	3465	0.08%	0.011%
73	8.703	1117	1118	1121	rBV3	1365	1555	0.04%	0.005%
74	8.733	1121	1123	1127	rVB5	1811	1691	0.04%	0.005%
75	8.843	1130	1141	1152	rBV	1449400	2905468	68.23%	9.437%
76	9.026	1168	1171	1173	rBV4	2338	3655	0.09%	0.012%

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 Title : SFAM01.0

77	9.050	1173	1175	1176	rVV2	3232	3298	0.08%	0.011%
78	9.081	1176	1180	1186	rVB6	7189	13594	0.32%	0.044%
79	9.276	1201	1212	1221	rBV	1006471	2087173	49.02%	6.779%
80	9.453	1240	1241	1244	rBV3	2333	2000	0.05%	0.006%
81	9.581	1260	1262	1265	rBV4	1648	2039	0.05%	0.007%
82	9.666	1270	1276	1282	rVV3	9170	19993	0.47%	0.065%
83	9.928	1317	1319	1322	rBV4	1949	2304	0.05%	0.007%
84	10.032	1327	1336	1348	rBV	456766	842586	19.79%	2.737%
85	10.129	1348	1352	1355	rVB6	5614	8352	0.20%	0.027%
86	10.239	1367	1370	1371	rBV2	2014	1724	0.04%	0.006%
87	10.324	1375	1384	1394	rBV	1879017	3398693	79.82%	11.039%
88	10.574	1418	1425	1436	rBV	291799	525920	12.35%	1.708%
89	10.922	1476	1482	1494	rBV	377088	725809	17.05%	2.357%
90	11.190	1523	1526	1527	rBV3	7042	8659	0.20%	0.028%
91	11.342	1535	1551	1552	rBV2	101634	368047	8.64%	1.195%
92	11.629	1591	1598	1606	rBV	1973968	3312796	77.80%	10.760%
93	12.690	1766	1772	1781	rBV	751692	1230680	28.90%	3.997%
94	13.555	1908	1914	1924	rVB	1909244	3058760	71.83%	9.935%
95	13.848	1955	1962	1971	rBV	1592863	2744656	64.46%	8.914%
96	14.378	2042	2049	2055	rVB7	76073	219844	5.16%	0.714%
97	15.317	2199	2203	2209	rVB	106487	165932	3.90%	0.539%
98	16.274	2355	2360	2368	rVB	104201	195545	4.59%	0.635%
99	16.524	2398	2401	2408	rVB4	28353	47610	1.12%	0.155%
100	16.604	2410	2414	2419	rBV8	18365	36183	0.85%	0.118%

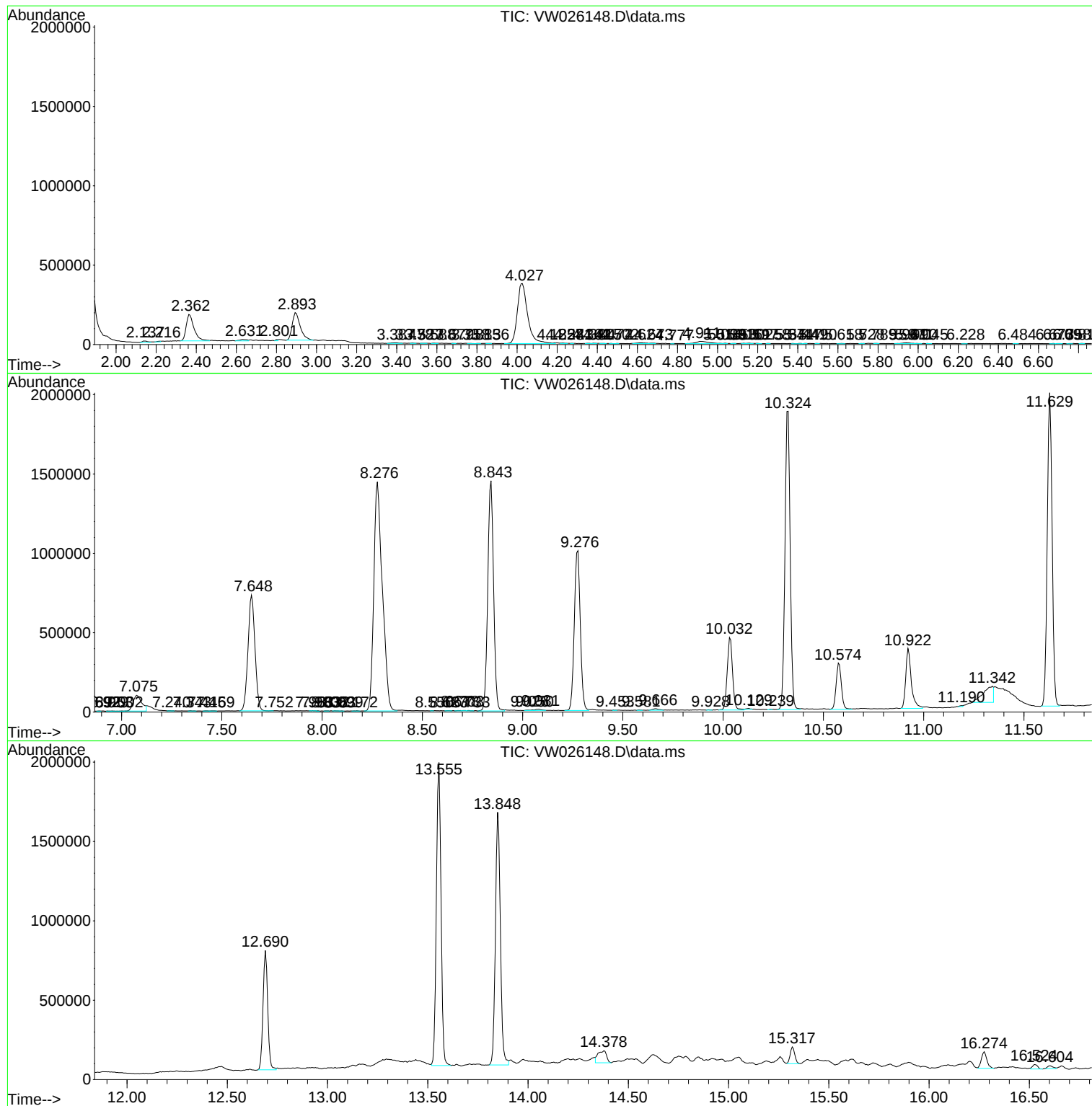
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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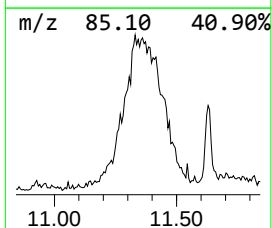
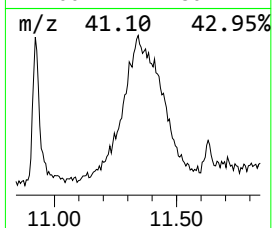
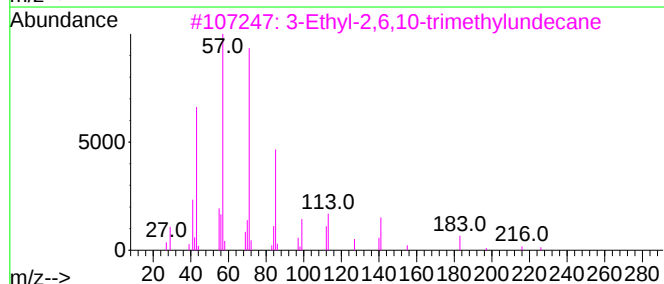
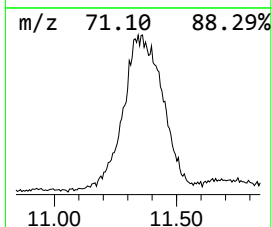
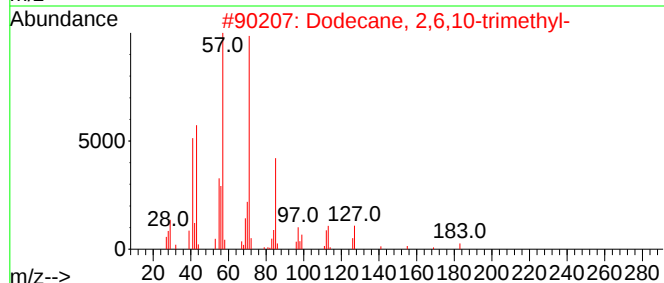
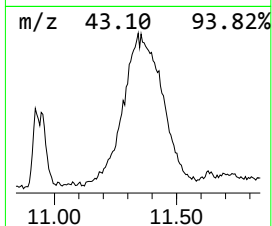
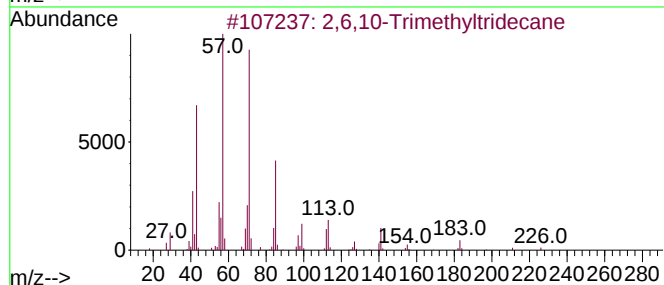
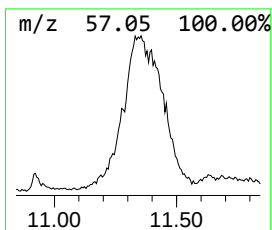
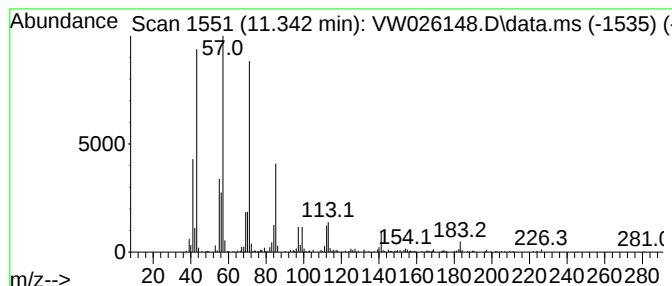
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.342	2.78 ug/L	368047	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	95
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
3		3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	83
4		Decane, 2-methyl-	156	C11H24	006975-98-0	83
5		Dodecane, 4-methyl-	184	C13H28	006117-97-1	81



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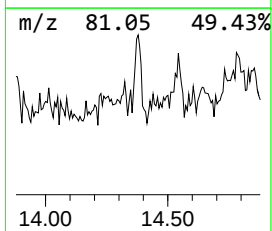
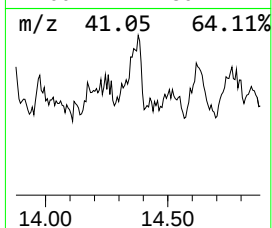
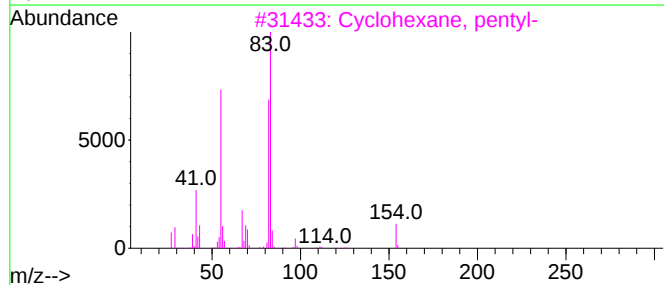
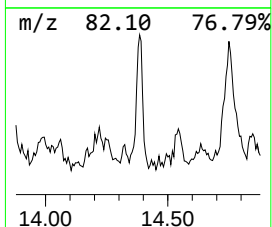
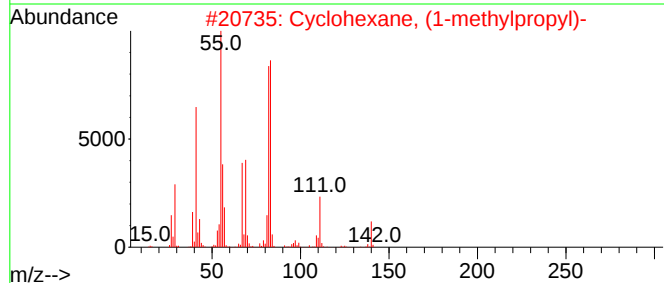
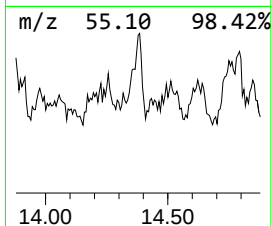
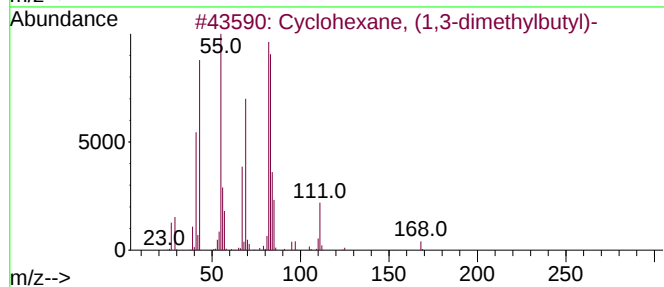
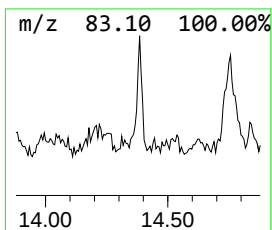
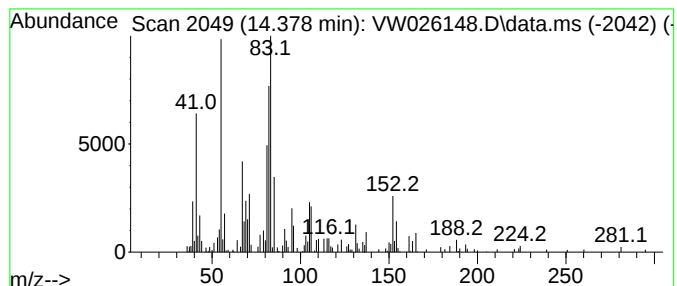
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Cyclic14.379 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	1.80 ug/L	219844	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1,3-dimethylbutyl)-	168	C12H24	061142-19-6	53
2			Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	50
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	49



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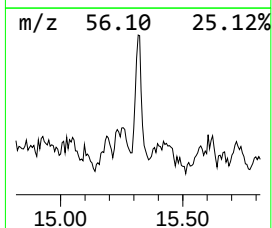
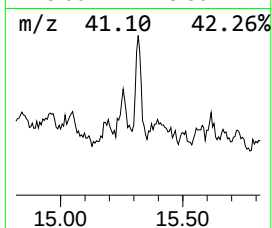
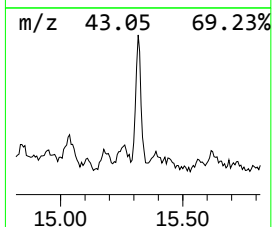
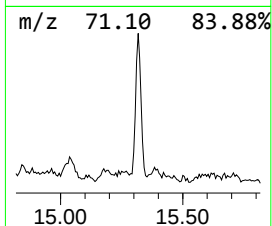
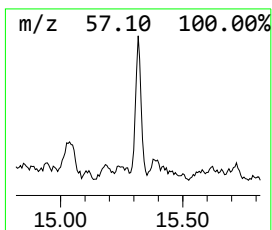
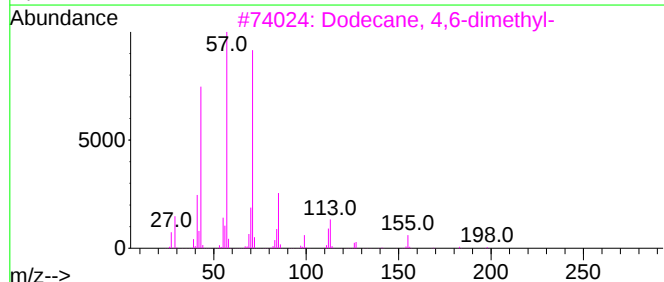
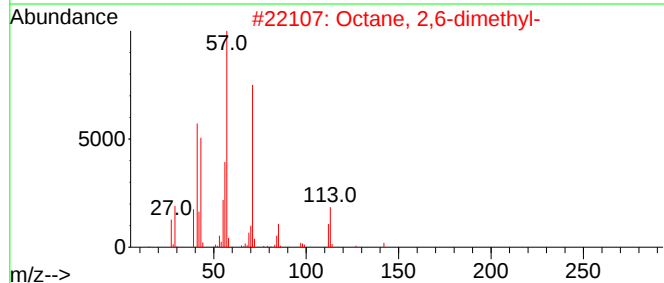
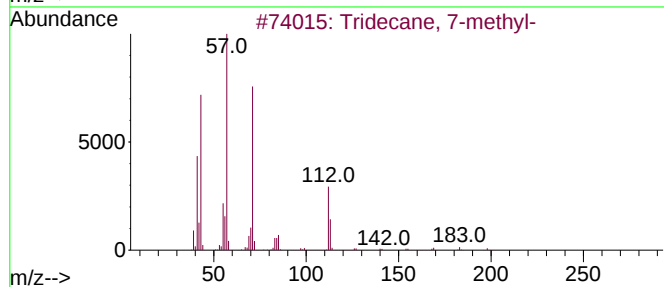
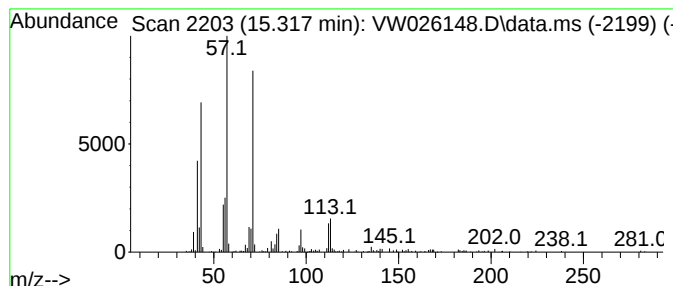
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Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.317	1.36 ug/L	165932	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-methyl-	198	C14H30	026730-14-3	90
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
3			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
4			Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	64
5			Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
Data File : VW026148.D
Acq On : 08 Jun 2023 21:54
Operator : SY/MD
Sample : 03101-03
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZEL8

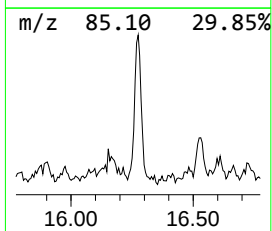
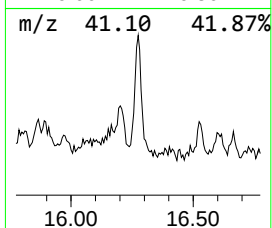
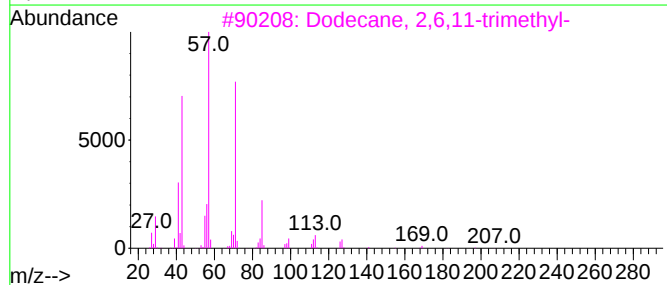
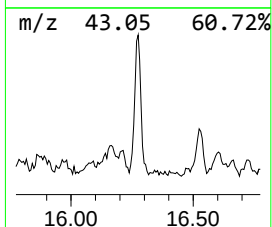
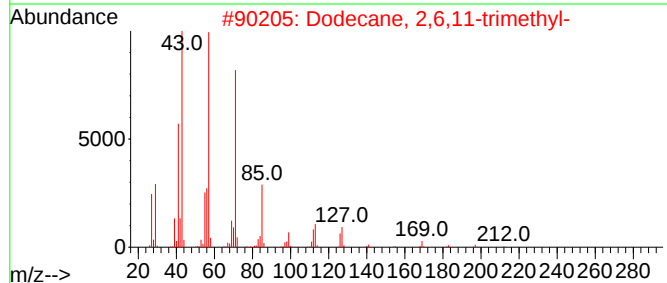
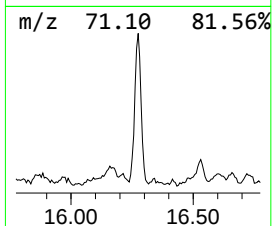
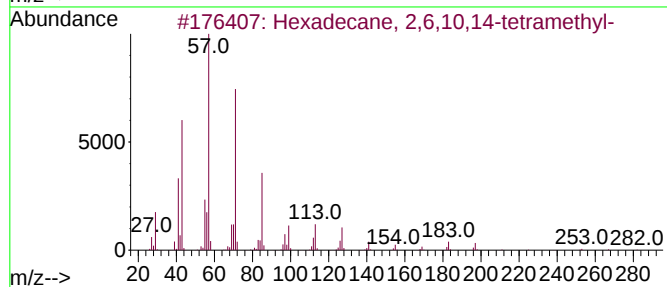
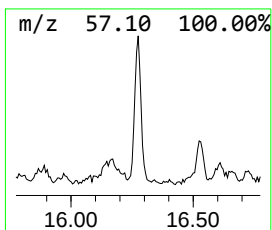
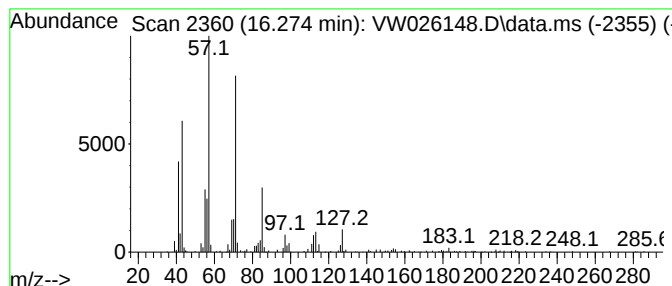
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	1.60 ug/L	195545	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
Data File : VW026148.D
Acq On : 08 Jun 2023 21:54
Operator : SY/MD
Sample : 03101-03
Misc : 6.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZEL8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0

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

					--Internal Standard--				
TIC Top	Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL)	Alkane: S...	11.342	2.8	ug/L	368047	2	11.629	3312800	25.0
(DEL)	Alkane: C...	14.379	1.8	ug/L	219844	3	13.556	3058760	25.0
(DEL)	Alkane: S...	15.317	1.4	ug/L	165932	3	13.556	3058760	25.0
(DEL)	Alkane: S...	16.275	1.6	ug/L	195545	3	13.556	3058760	25.0