

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070224\
 Data File : VV036420.D
 Acq On : 02 Jul 2024 14:37
 Operator : SY/MD
 Sample : P3087-18RE
 Misc : 5.38g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4BR3RE

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_V\Method\SFAMVLM062724SMA.M

Title : VOC Analysis

Signal : TIC: VV036420.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.275	66	73	87	rBV	202807	218727	19.50%	2.595%
2	1.529	145	152	166	rVB	163541	194389	17.33%	2.306%
3	2.053	306	315	332	rVB	341038	486244	43.35%	5.769%
4	2.445	426	437	451	rVB2	9171	17316	1.54%	0.205%
5	2.590	479	482	484	rBV	348	230	0.02%	0.003%
6	2.677	507	509	512	rVB3	501	284	0.03%	0.003%
7	2.696	512	515	516	rBV3	337	221	0.02%	0.003%
8	2.709	516	519	522	rVB3	435	295	0.03%	0.004%
9	2.732	522	526	529	rBV	438	285	0.03%	0.003%
10	2.825	549	555	558	rBV3	422	491	0.04%	0.006%
11	2.937	586	590	591	rVV	671	435	0.04%	0.005%
12	2.966	591	599	616	rVB7	2859	6541	0.58%	0.078%
13	3.281	694	697	702	rVB3	290	204	0.02%	0.002%
14	3.314	703	707	711	rBV	301	188	0.02%	0.002%
15	3.487	758	761	763	rVB3	403	274	0.02%	0.003%
16	3.609	796	799	804	rVB3	348	320	0.03%	0.004%
17	3.847	864	873	874	rBV3	13854	17461	1.56%	0.207%
18	4.246	981	997	1029	rBV	187386	495623	44.19%	5.881%
19	4.490	1070	1073	1076	rVB2	452	337	0.03%	0.004%
20	4.542	1084	1089	1091	rVV2	572	342	0.03%	0.004%
21	4.555	1091	1093	1098	rVV3	513	398	0.04%	0.005%
22	4.580	1098	1101	1104	rVB2	310	222	0.02%	0.003%
23	4.638	1115	1119	1123	rVV2	524	326	0.03%	0.004%
24	4.658	1123	1125	1131	rVB4	511	348	0.03%	0.004%
25	4.780	1161	1163	1165	rBV2	290	176	0.02%	0.002%
26	4.809	1168	1172	1179	rVB4	552	559	0.05%	0.007%
27	4.841	1179	1182	1184	rVB	253	170	0.02%	0.002%
28	4.867	1188	1190	1197	rVB2	386	237	0.02%	0.003%
29	4.953	1202	1217	1253	rBV2	438916	1121675	100.00%	13.309%
30	5.207	1294	1296	1305	rVB2	568	558	0.05%	0.007%
31	5.249	1306	1309	1310	rBV2	325	172	0.02%	0.002%
32	5.281	1317	1319	1325	rVB2	322	276	0.02%	0.003%
33	5.391	1351	1353	1355	rBV	442	177	0.02%	0.002%
34	5.426	1362	1364	1367	rBV2	405	186	0.02%	0.002%
35	5.452	1370	1372	1376	rVB3	455	298	0.03%	0.004%
36	5.532	1381	1397	1431	rBV	458196	971680	86.63%	11.529%

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Integrator: RTE

Smoothing : OFF

Filtering: 5

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Title : VOC Analysis

37	5.783	1473	1475	1477	rBV3	515	260	0.02%	0.003%
38	5.831	1480	1490	1506	rBV3	11079	25341	2.26%	0.301%
39	5.928	1517	1520	1522	rBV	397	277	0.02%	0.003%
40	5.941	1522	1524	1526	rBV3	486	219	0.02%	0.003%
41	5.986	1526	1538	1567	rVV	244611	517205	46.11%	6.137%
42	6.259	1620	1623	1627	rBV4	652	578	0.05%	0.007%
43	6.304	1632	1637	1638	rBV3	323	239	0.02%	0.003%
44	6.368	1652	1657	1660	rBV3	557	517	0.05%	0.006%
45	6.400	1664	1667	1668	rVV	434	188	0.02%	0.002%
46	6.423	1672	1674	1677	rBV2	257	184	0.02%	0.002%
47	6.474	1682	1690	1693	rVB3	357	491	0.04%	0.006%
48	6.574	1716	1721	1724	rBV3	276	247	0.02%	0.003%
49	6.632	1733	1739	1742	rBV2	330	301	0.03%	0.004%
50	6.786	1785	1787	1791	rVB	496	258	0.02%	0.003%
51	6.915	1816	1827	1849	rBV	101726	205384	18.31%	2.437%
52	7.194	1911	1914	1916	rBV2	486	238	0.02%	0.003%
53	7.243	1917	1929	1951	rBV	388202	697176	62.15%	8.272%
54	7.416	1980	1983	1986	rBV4	794	508	0.05%	0.006%
55	7.494	2004	2007	2008	rBV3	351	222	0.02%	0.003%
56	7.558	2017	2027	2050	rBV2	62211	124893	11.13%	1.482%
57	7.715	2072	2076	2079	rVB3	646	541	0.05%	0.006%
58	7.821	2107	2109	2112	rVB2	706	372	0.03%	0.004%
59	7.876	2116	2126	2138	rVB2	6243	10946	0.98%	0.130%
60	7.950	2145	2149	2151	rBV2	214	170	0.02%	0.002%
61	7.963	2151	2153	2158	rVB3	372	221	0.02%	0.003%
62	8.034	2166	2175	2218	rBV	65096	162253	14.47%	1.925%
63	8.307	2259	2260	2265	rVB2	436	233	0.02%	0.003%
64	8.362	2274	2277	2281	rVB5	647	469	0.04%	0.006%
65	8.397	2286	2288	2292	rBV	597	481	0.04%	0.006%
66	8.510	2320	2323	2326	rBV2	413	267	0.02%	0.003%
67	8.542	2331	2333	2334	rBV	417	174	0.02%	0.002%
68	8.564	2337	2340	2344	rBV4	613	331	0.03%	0.004%
69	8.638	2361	2363	2366	rBV3	635	312	0.03%	0.004%
70	8.667	2369	2372	2374	rVB2	328	190	0.02%	0.002%
71	8.783	2393	2408	2429	rBV	512809	861818	76.83%	10.226%
72	9.037	2484	2487	2494	rVB7	1006	1094	0.10%	0.013%
73	9.091	2501	2504	2506	rBV3	788	532	0.05%	0.006%
74	9.140	2516	2519	2521	rVB2	482	301	0.03%	0.004%
75	9.159	2523	2525	2527	rBV	606	316	0.03%	0.004%
76	9.201	2535	2538	2543	rBV3	513	470	0.04%	0.006%

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77	9.374	2581	2592	2601	rBV7	2797	5401	0.48%	0.064%
78	9.419	2604	2606	2607	rVV	1003	373	0.03%	0.004%
79	9.471	2616	2622	2624	rBV2	358	254	0.02%	0.003%
80	9.484	2624	2626	2628	rBV2	568	307	0.03%	0.004%
81	9.519	2634	2637	2638	rBV2	477	298	0.03%	0.004%
82	9.567	2647	2652	2659	rBV6	729	994	0.09%	0.012%
83	9.645	2669	2676	2682	rBV7	4452	6656	0.59%	0.079%
84	9.770	2707	2715	2716	rBV7	2994	3548	0.32%	0.042%
85	9.837	2729	2736	2745	rVB7	4670	7561	0.67%	0.090%
86	9.873	2745	2747	2750	rVB2	552	242	0.02%	0.003%
87	9.908	2753	2758	2763	rBV6	1063	1166	0.10%	0.014%
88	9.953	2765	2772	2778	rBV6	2623	3625	0.32%	0.043%
89	10.005	2786	2788	2789	rBV2	638	274	0.02%	0.003%
90	10.059	2797	2805	2815	rVB3	9031	13872	1.24%	0.165%
91	10.111	2819	2821	2823	rBV4	1041	596	0.05%	0.007%
92	10.153	2823	2834	2851	rBV	156379	283839	25.30%	3.368%
93	10.323	2876	2887	2896	rBV	39066	66233	5.90%	0.786%
94	10.445	2919	2925	2926	rBV5	4443	4156	0.37%	0.049%
95	10.760	3019	3023	3032	rVB6	18162	26191	2.33%	0.311%
96	10.821	3033	3042	3049	rBV7	33241	68776	6.13%	0.816%
97	11.185	3146	3155	3173	rBV	292235	497955	44.39%	5.908%
98	11.558	3263	3271	3286	rBV	201794	351144	31.31%	4.166%
99	13.580	3894	3900	3913	rVB	380092	555017	49.48%	6.585%
100	14.590	4209	4214	4223	rVB	294406	375647	33.49%	4.457%

Sum of corrected areas: 8428007

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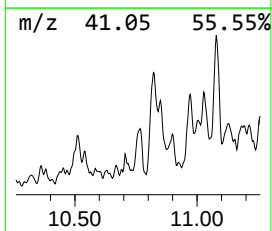
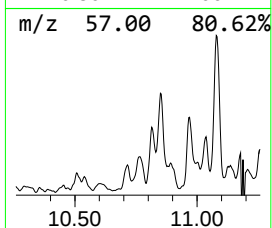
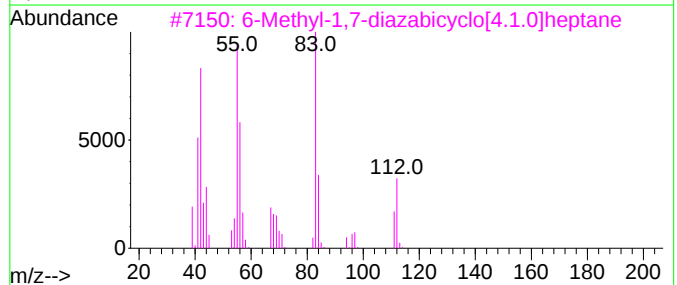
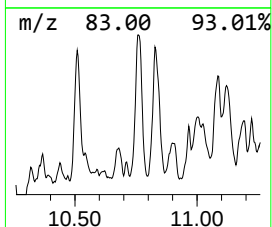
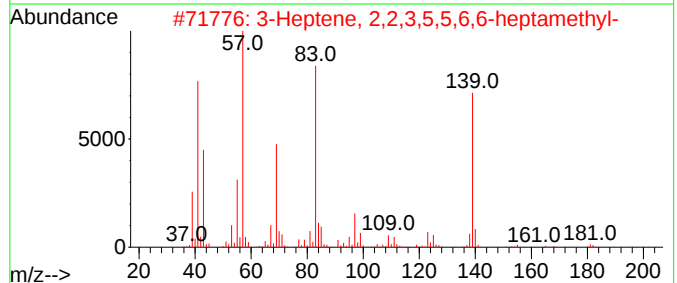
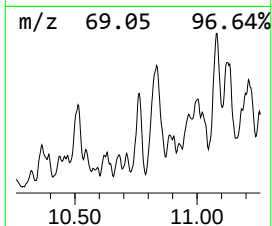
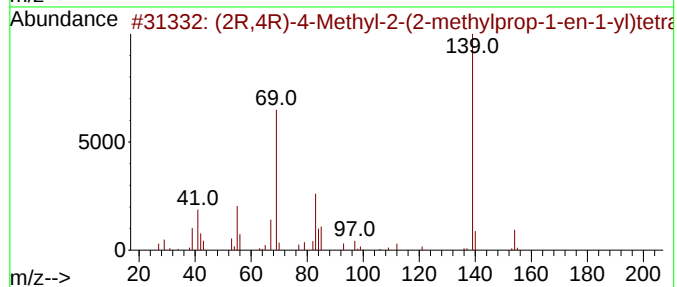
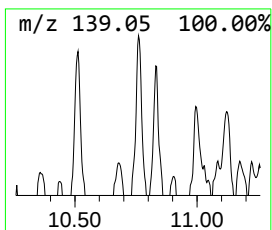
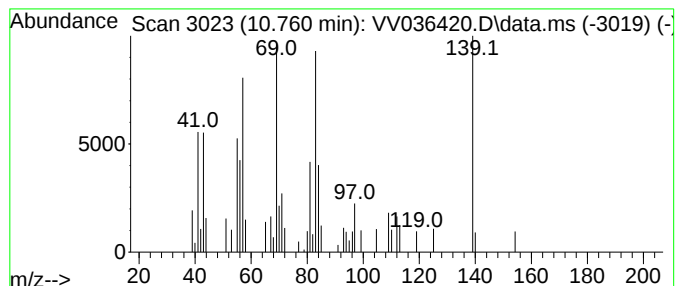
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

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

Peak Number 3 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.760	1.31 ug/L	26191	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(2R,4R)-4-Methyl-2-(2-methylprop...	154	C10H18O	005258-11-7	46
2			3-Heptene, 2,2,3,5,5,6,6-heptame...	196	C14H28	054845-26-0	43
3			6-Methyl-1,7-diazabicyclo[4.1.0]...	112	C6H12N2	108602-71-7	38
4			7-Octenal, 3,7-dimethyl-	154	C10H18O	000141-26-4	35
5			Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	30



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ALS Vial : 12 Sample Multiplier: 1

Instrument :
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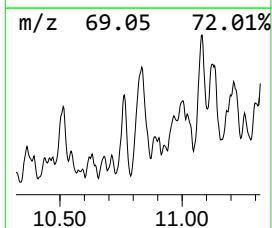
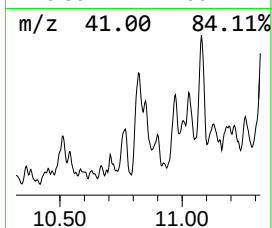
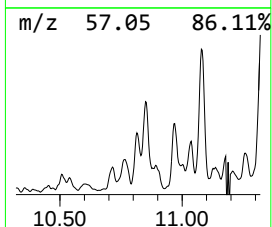
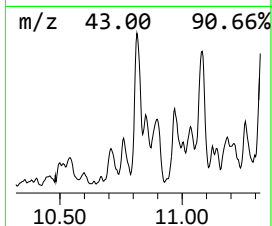
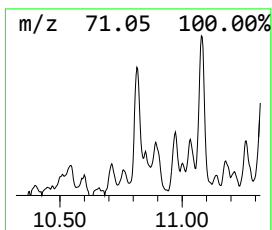
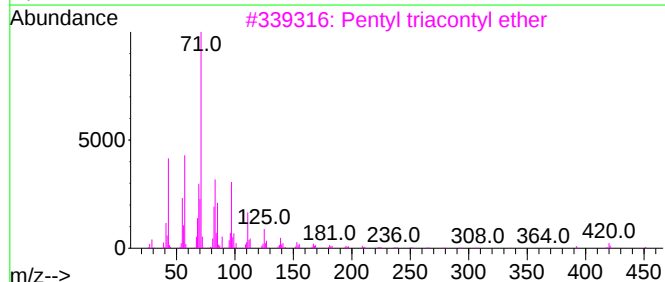
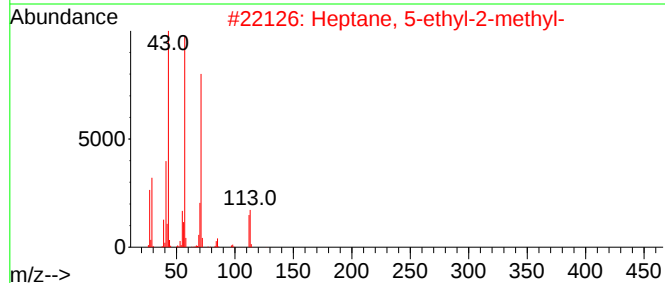
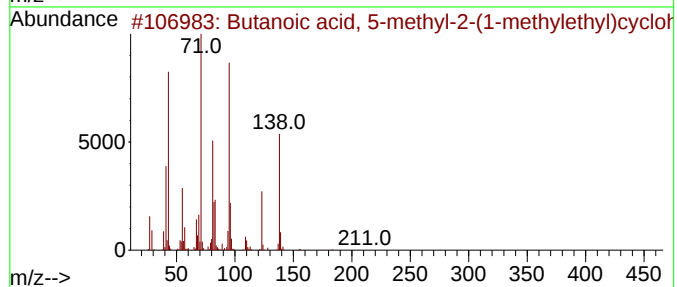
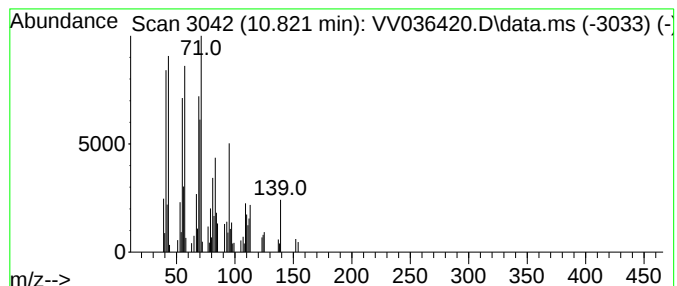
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

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

Peak Number 4 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.821	3.45 ug/L	68776	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanoic acid, 5-methyl-2-(1-met...	226	C14H26O2	092319-43-2	38
2			Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	35
3			Pentyl triacontyl ether	509	C35H72O	1000406-42-5	27
4			Carbonic acid, 2-ethylhexyl nony...	300	C18H36O3	1000383-13-6	27
5			Pentyl dotriacontyl ether	537	C37H76O	1000406-42-6	27



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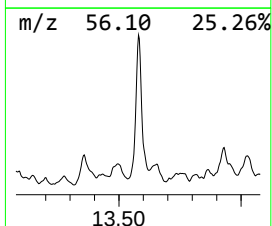
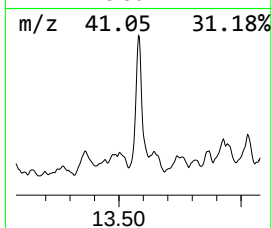
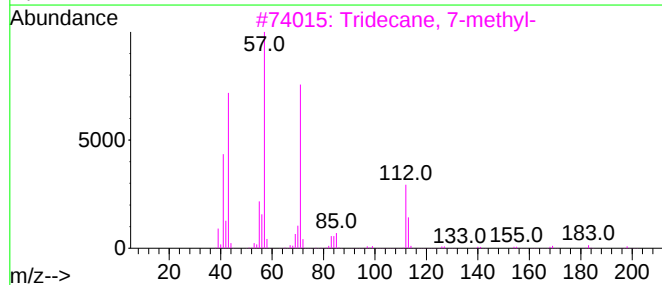
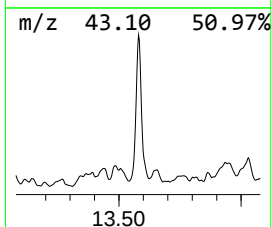
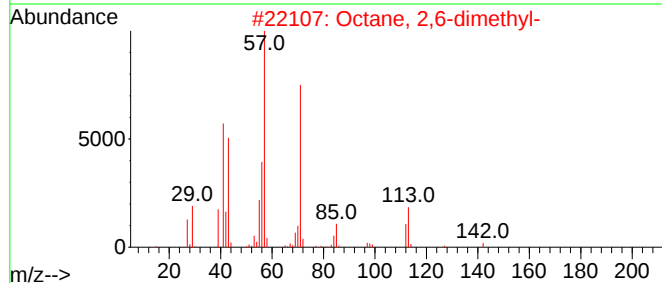
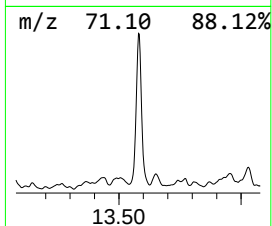
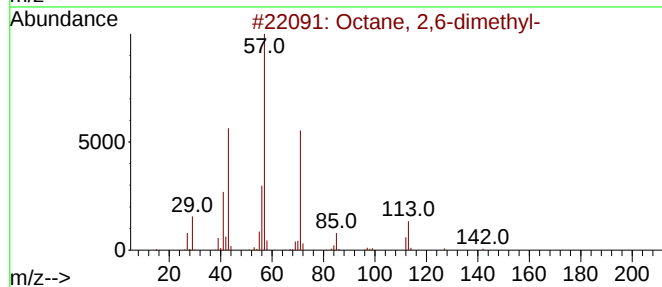
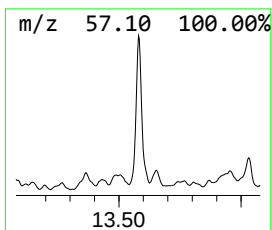
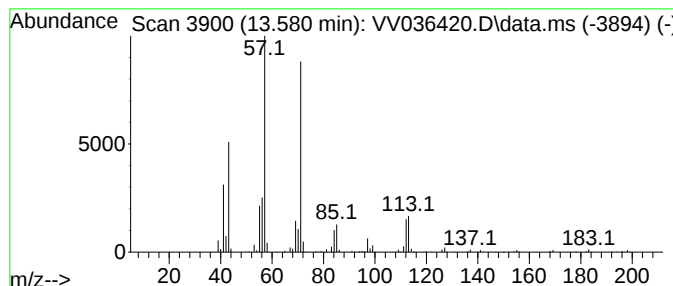
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.580	27.86 ug/L	555017	1,4-Dichlorobenzene-d4			11.185
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	90
2	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	87
3	Tridecane, 7-methyl-		198	C14H30	026730-14-3	87
4	Nonane, 3-methyl-		142	C10H22	005911-04-6	83
5	Dodecane, 4,6-dimethyl-		198	C14H30	061141-72-8	80



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ClientSampleId :
A4BR3RE

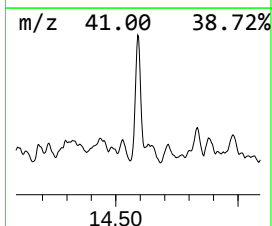
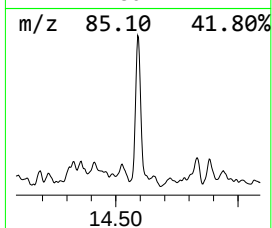
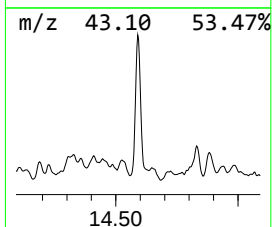
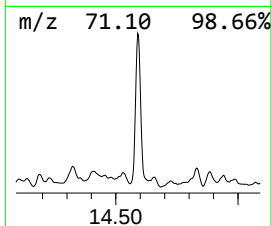
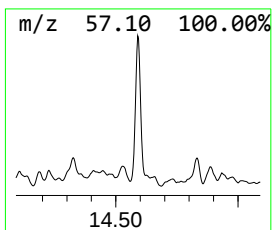
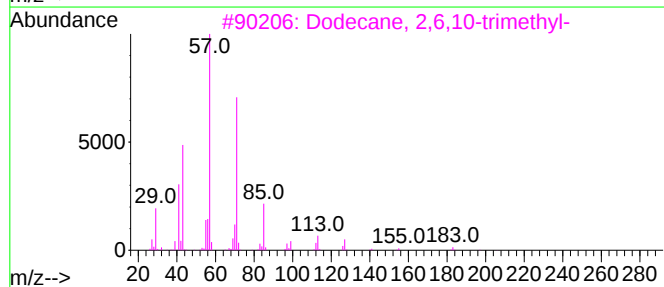
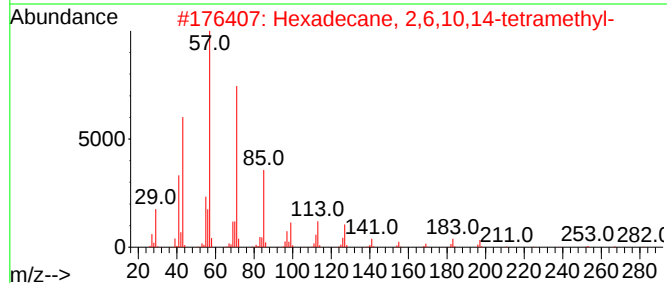
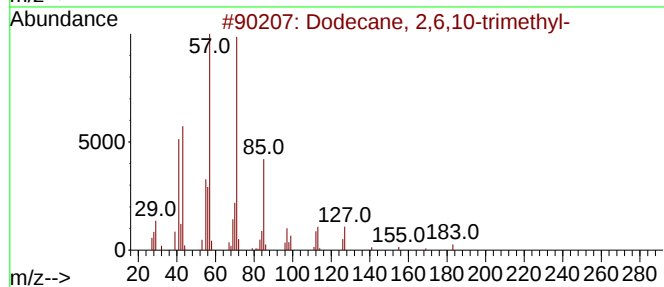
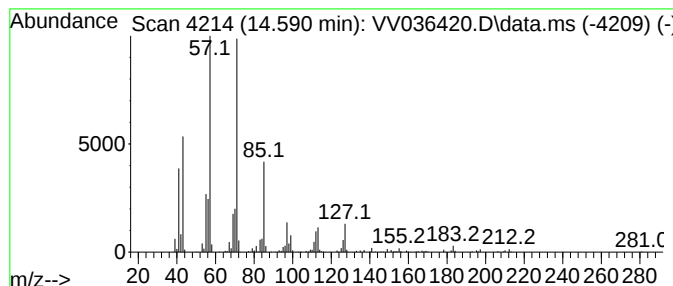
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.590	18.86 ug/L	375647	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070224\
Data File : VV036420.D
Acq On : 02 Jul 2024 14:37
Operator : SY/MD
Sample : P3087-18RE
Misc : 5.38g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4BR3RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	10.760	1.3	ug/L	26191	3	11.185	497955	25.0
unknown-02	10.821	3.5	ug/L	68776	3	11.185	497955	25.0
(DEL) Alkane: S...	13.580	27.9	ug/L	555017	3	11.185	497955	25.0
(DEL) Alkane: S...	14.590	18.9	ug/L	375647	3	11.185	497955	25.0