

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
 Data File : VV035997.D
 Acq On : 06 Jun 2024 18:55
 Operator : SY/MD
 Sample : P2754-12
 Misc : 5.73g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4BQ5

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\SFAMVLM053024SMA.M
 Title : VOC Analysis

Signal : TIC: VV035997.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	67	73	87	rVB	127184	143593	14.73%	1.986%
2	1.529	146	152	166	rVB	120461	139070	14.27%	1.923%
3	2.053	306	315	333	rVB	216947	313279	32.14%	4.332%
4	2.445	426	437	459	rVB	54203	95380	9.78%	1.319%
5	2.545	464	468	471	rBV3	607	550	0.06%	0.008%
6	2.671	504	507	510	rVB3	702	423	0.04%	0.006%
7	2.696	510	515	517	rBV2	1764	1642	0.17%	0.023%
8	2.770	534	538	540	rBV3	551	337	0.03%	0.005%
9	2.892	570	576	579	rVV5	563	627	0.06%	0.009%
10	2.966	586	599	612	rBV3	7773	16850	1.73%	0.233%
11	3.076	630	633	637	rVB2	485	411	0.04%	0.006%
12	3.101	637	641	644	rBV2	672	480	0.05%	0.007%
13	3.117	644	646	649	rBV4	412	313	0.03%	0.004%
14	3.314	701	707	708	rBV3	610	582	0.06%	0.008%
15	3.693	818	825	831	rVB3	436	565	0.06%	0.008%
16	3.838	860	870	872	rBV	19806	27884	2.86%	0.386%
17	4.249	980	998	1031	rVV2	167070	451825	46.35%	6.248%
18	4.410	1046	1048	1052	rVB2	617	380	0.04%	0.005%
19	4.429	1052	1054	1060	rBV4	621	400	0.04%	0.006%
20	4.661	1123	1126	1132	rVB2	648	489	0.05%	0.007%
21	4.735	1145	1149	1152	rBV2	608	461	0.05%	0.006%
22	4.751	1152	1154	1160	rVB3	725	518	0.05%	0.007%
23	4.831	1176	1179	1182	rVB2	462	295	0.03%	0.004%
24	4.953	1203	1217	1252	rBV2	373923	974777	100.00%	13.480%
25	5.185	1287	1289	1292	rVV2	594	287	0.03%	0.004%
26	5.201	1292	1294	1298	rVB2	526	289	0.03%	0.004%
27	5.326	1329	1333	1335	rVV3	334	283	0.03%	0.004%
28	5.339	1335	1337	1343	rVB3	832	634	0.07%	0.009%
29	5.381	1343	1350	1352	rBV3	532	549	0.06%	0.008%
30	5.532	1383	1397	1440	rBV	355217	771713	79.17%	10.672%
31	5.831	1479	1490	1507	rBV4	13899	33527	3.44%	0.464%
32	5.924	1516	1519	1523	rVB2	738	481	0.05%	0.007%
33	5.989	1526	1539	1567	rBV	227521	489505	50.22%	6.769%
34	6.172	1594	1596	1601	rVB3	494	322	0.03%	0.004%
35	6.291	1631	1633	1636	rBV2	656	426	0.04%	0.006%
36	6.355	1650	1653	1655	rBV2	525	292	0.03%	0.004%

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 Title : VOC Analysis

37	6.381	1658	1661	1665	rBV4	379	334	0.03%	0.005%
38	6.436	1673	1678	1680	rBV4	526	397	0.04%	0.005%
39	6.828	1796	1800	1804	rVB2	565	404	0.04%	0.006%
40	6.918	1817	1828	1858	rBV	90851	191018	19.60%	2.642%
41	7.194	1910	1914	1918	rBV2	704	769	0.08%	0.011%
42	7.243	1918	1929	1959	rBV	351787	642592	65.92%	8.886%
43	7.558	2019	2027	2050	rBV	57747	117656	12.07%	1.627%
44	7.873	2115	2125	2134	rBV2	7895	14321	1.47%	0.198%
45	7.982	2156	2159	2163	rBV3	576	449	0.05%	0.006%
46	8.037	2167	2176	2200	rBV	76307	178108	18.27%	2.463%
47	8.304	2255	2259	2261	rBV3	748	532	0.05%	0.007%
48	8.374	2279	2281	2285	rVB3	873	564	0.06%	0.008%
49	8.429	2296	2298	2301	rVB3	545	281	0.03%	0.004%
50	8.657	2364	2369	2375	rVB5	575	590	0.06%	0.008%
51	8.712	2384	2386	2389	rVB2	608	334	0.03%	0.005%
52	8.731	2389	2392	2393	rBV	602	329	0.03%	0.005%
53	8.783	2398	2408	2436	rBV	516049	874358	89.70%	12.092%
54	9.001	2474	2476	2477	rBV3	620	264	0.03%	0.004%
55	9.236	2545	2549	2551	rVV2	417	307	0.03%	0.004%
56	9.300	2565	2569	2571	rBV2	423	385	0.04%	0.005%
57	9.317	2571	2574	2577	rVB2	747	446	0.05%	0.006%
58	9.423	2604	2607	2612	rVB4	365	320	0.03%	0.004%
59	9.484	2621	2626	2628	rBV3	1112	1008	0.10%	0.014%
60	9.551	2645	2647	2654	rVB4	719	540	0.06%	0.007%
61	9.609	2661	2665	2669	rBV3	527	473	0.05%	0.007%
62	9.670	2682	2684	2689	rVV2	775	510	0.05%	0.007%
63	9.712	2693	2697	2700	rBV3	327	272	0.03%	0.004%
64	9.796	2720	2723	2727	rVV2	451	401	0.04%	0.006%
65	9.841	2730	2737	2745	rVV8	2441	3587	0.37%	0.050%
66	9.873	2745	2747	2752	rVV3	578	523	0.05%	0.007%
67	10.066	2799	2807	2815	rVB5	2827	3943	0.40%	0.055%
68	10.153	2823	2834	2857	rBV	197759	325730	33.42%	4.505%
69	10.323	2876	2887	2899	rVB2	26366	44150	4.53%	0.611%
70	10.410	2908	2914	2916	rBV4	646	553	0.06%	0.008%
71	10.480	2930	2936	2938	rBV4	875	1042	0.11%	0.014%
72	10.673	2994	2996	3000	rVB2	547	354	0.04%	0.005%
73	10.757	3018	3022	3023	rBV3	907	605	0.06%	0.008%
74	10.770	3023	3026	3034	rVB4	1677	2089	0.21%	0.029%
75	10.805	3034	3037	3041	rBV3	479	406	0.04%	0.006%
76	10.853	3044	3052	3068	rVB3	7860	13631	1.40%	0.189%

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77	10.934	3073	3077	3079	rBV2	479	318	0.03%	0.004%
78	10.969	3082	3088	3096	rVB5	3128	4668	0.48%	0.065%
79	11.082	3110	3123	3132	rBV2	14501	23160	2.38%	0.320%
80	11.133	3133	3139	3144	rBV6	2948	3846	0.39%	0.053%
81	11.185	3145	3155	3174	rBV	379212	610006	62.58%	8.436%
82	11.326	3193	3199	3205	rBV	9946	14111	1.45%	0.195%
83	11.365	3206	3211	3223	rVB3	14823	21771	2.23%	0.301%
84	11.500	3244	3253	3261	rBV5	9495	20693	2.12%	0.286%
85	11.561	3262	3272	3293	rVB	292308	491093	50.38%	6.791%
86	12.027	3411	3417	3429	rVB8	2565	4950	0.51%	0.068%
87	12.194	3459	3469	3479	rVB2	9016	15174	1.56%	0.210%
88	12.233	3479	3481	3485	rVB4	869	510	0.05%	0.007%
89	12.265	3489	3491	3493	rBV2	459	271	0.03%	0.004%
90	12.400	3530	3533	3536	rBV3	562	312	0.03%	0.004%
91	12.513	3565	3568	3569	rBV2	706	370	0.04%	0.005%
92	12.548	3570	3579	3584	rVB6	1823	3092	0.32%	0.043%
93	12.615	3596	3600	3609	rVB6	3651	4825	0.49%	0.067%
94	12.773	3646	3649	3650	rBV3	753	417	0.04%	0.006%
95	12.828	3659	3666	3679	rVB6	2330	4108	0.42%	0.057%
96	13.056	3733	3737	3739	rBV5	971	702	0.07%	0.010%
97	13.210	3781	3785	3788	rBV4	963	852	0.09%	0.012%
98	13.583	3894	3901	3914	rVB5	9930	16181	1.66%	0.224%
99	14.593	4208	4215	4224	rBV2	26131	36162	3.71%	0.500%
100	15.355	4446	4452	4461	rVB2	44275	59537	6.11%	0.823%

Sum of corrected areas: 7231143

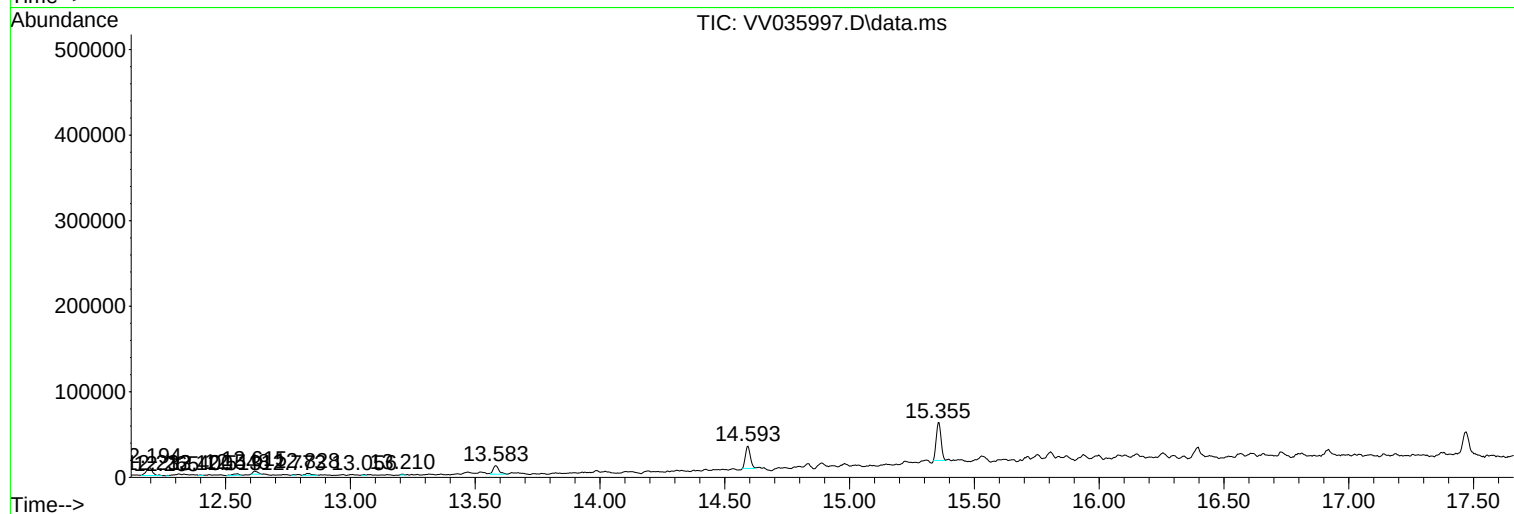
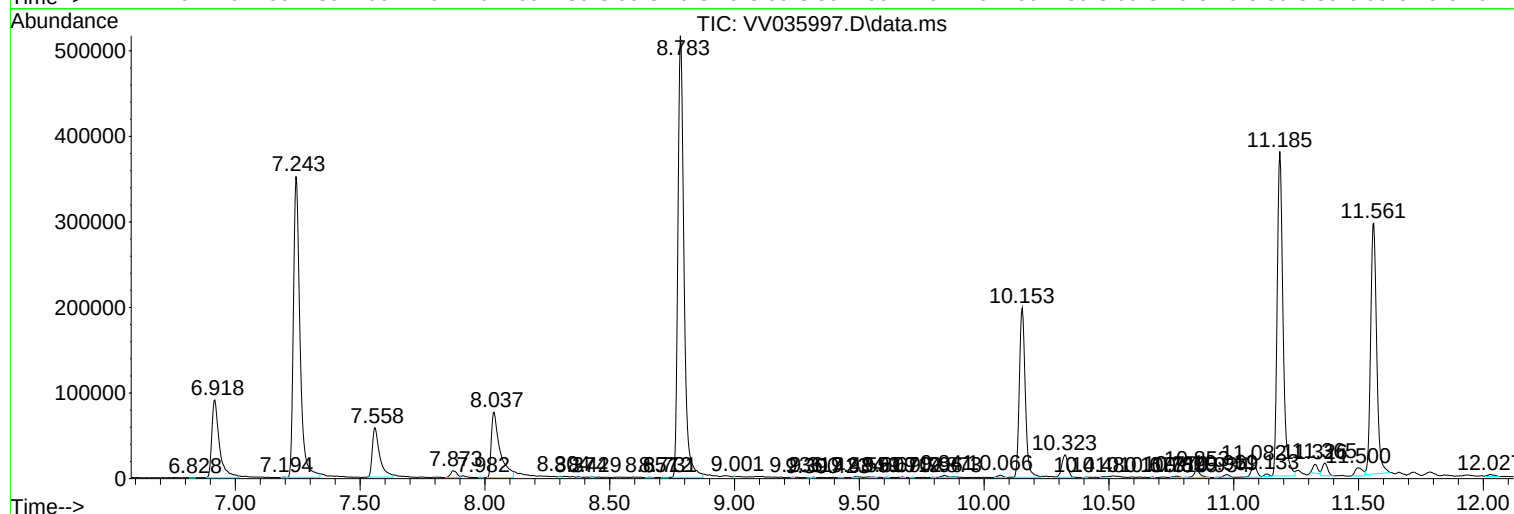
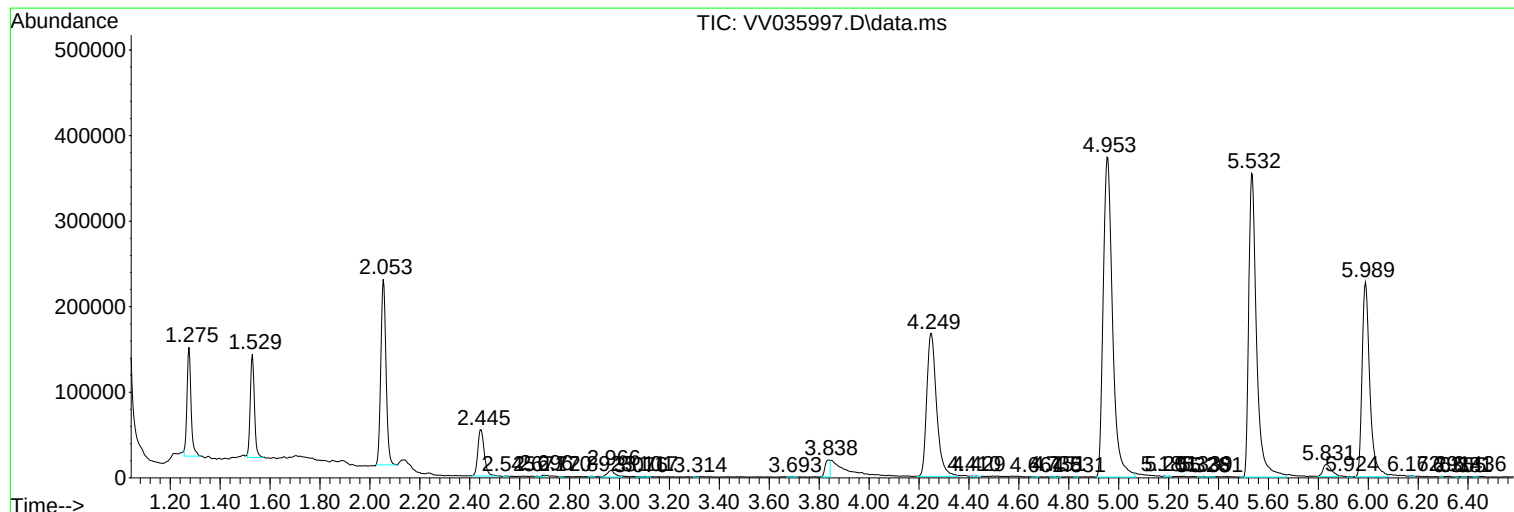
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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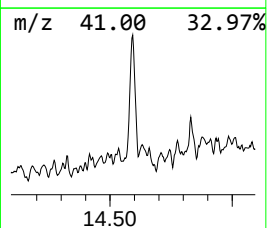
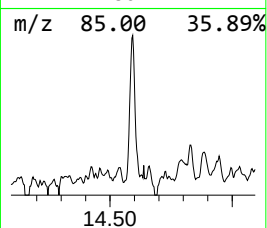
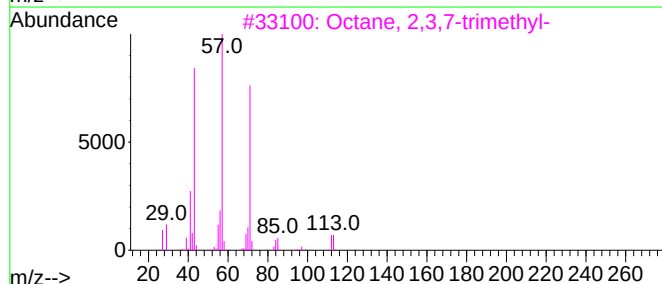
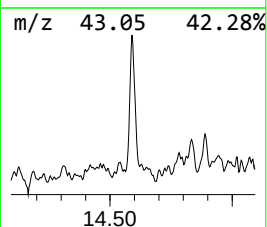
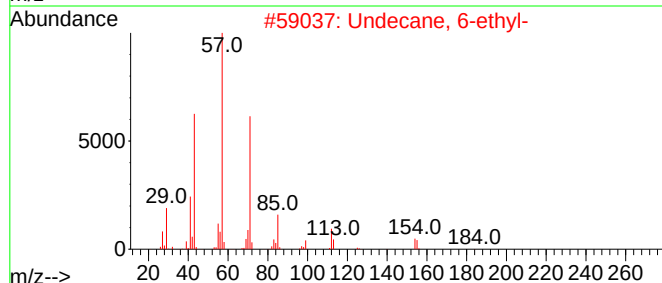
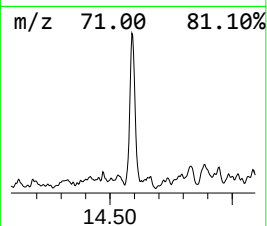
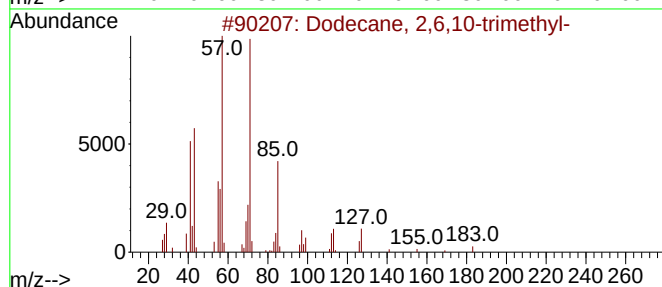
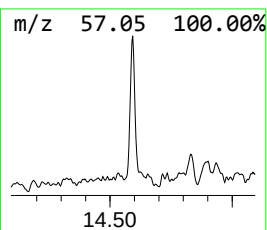
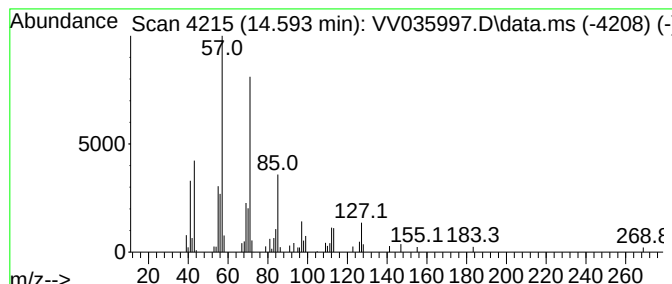
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.593	1.48 ug/L	36162	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			Undecane, 6-ethyl-	184	C13H28	017312-60-6	59
3			Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	59
4			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	53
5			1-Decene, 4-methyl-	154	C11H22	013151-29-6	50



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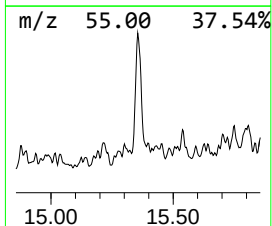
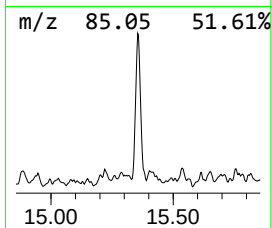
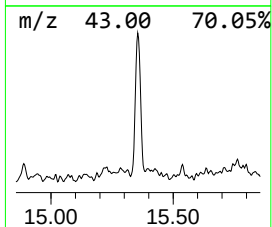
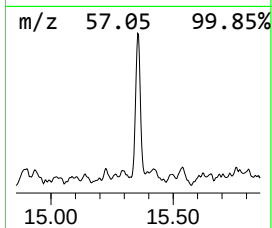
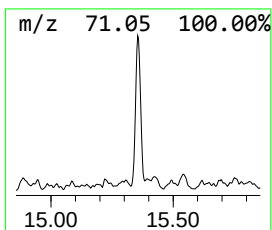
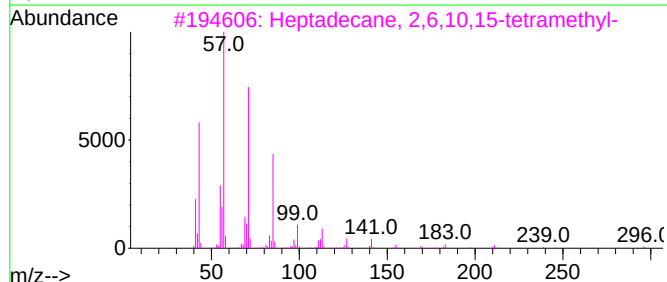
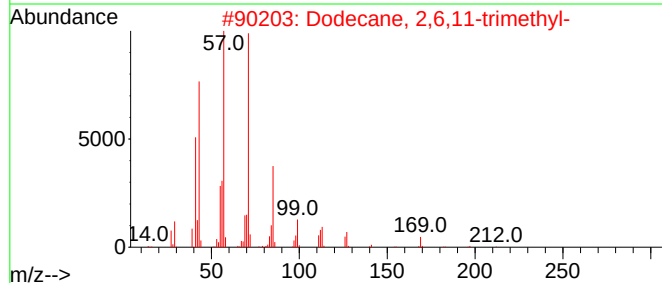
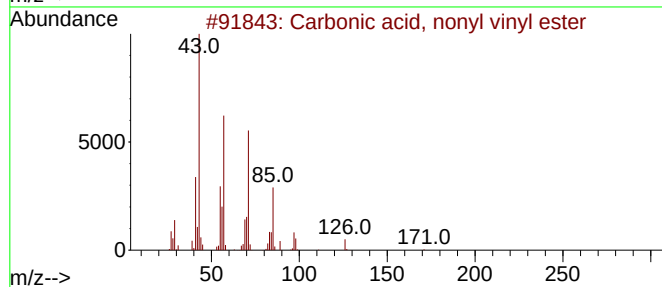
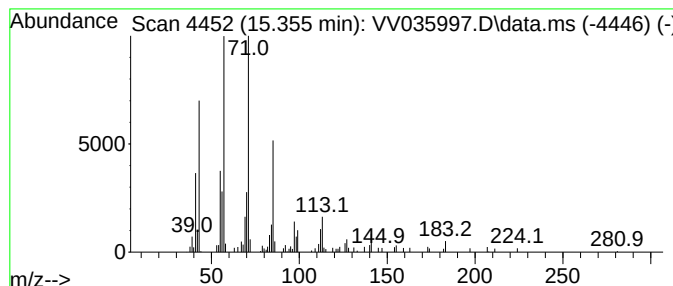
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Carbonic acid, nonyl vinyl ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.355	2.44 ug/L	59537	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	80
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4			2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	72
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72



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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
(DEL) Alkane: S...	14.593	1.5	ug/L	36162	3	11.185	610006	25.0
Carbonic acid, ...	15.355	2.4	ug/L	59537	3	11.185	610006	25.0