

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041619\
 Data File : VW010005.D
 Acq On : 16 Apr 2019 19:14
 Operator : SY/VA
 Sample : K2402-03
 Misc : 5.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHH5

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.355	68	74	87	rBV	90005	193267	11.29%	1.539%
2	2.891	155	162	176	rVB	77372	200232	11.70%	1.594%
3	3.824	313	315	316	rBV2	1277	1238	0.07%	0.010%
4	3.843	316	318	319	rBV	1674	1616	0.09%	0.013%
5	4.007	332	345	359	rBV	204738	629016	36.76%	5.008%
6	4.391	402	408	411	rVV6	3091	6677	0.39%	0.053%
7	4.531	428	431	435	rVB3	936	1176	0.07%	0.009%
8	4.586	437	440	442	rBV3	1092	935	0.05%	0.007%
9	4.641	447	449	450	rBV	975	953	0.06%	0.008%
10	4.666	450	453	454	rBV	3406	3744	0.22%	0.030%
11	4.751	465	467	472	rVB3	976	1195	0.07%	0.010%
12	4.909	482	493	512	rVV3	33441	122289	7.15%	0.974%
13	5.147	531	532	535	rBV2	1133	1132	0.07%	0.009%
14	5.172	535	536	539	rVV2	808	948	0.06%	0.008%
15	5.214	541	543	547	rVB4	1266	1385	0.08%	0.011%
16	5.269	549	552	555	rVV2	810	1047	0.06%	0.008%
17	5.342	561	564	565	rVV3	754	803	0.05%	0.006%
18	5.373	565	569	574	rVV4	760	1185	0.07%	0.009%
19	5.489	586	588	592	rBV2	890	914	0.05%	0.007%
20	5.568	598	601	604	rBV2	711	926	0.05%	0.007%
21	5.647	609	614	616	rBV3	1258	1559	0.09%	0.012%
22	5.708	622	624	628	rBV3	869	983	0.06%	0.008%
23	5.751	628	631	633	rVB2	1141	1164	0.07%	0.009%
24	5.775	633	635	637	rBV2	677	840	0.05%	0.007%
25	5.824	641	643	644	rBV	1035	834	0.05%	0.007%
26	5.842	644	646	649	rVB3	926	925	0.05%	0.007%
27	5.940	649	662	672	rBV5	7172	22184	1.30%	0.177%
28	6.092	683	687	689	rBV3	1024	1163	0.07%	0.009%
29	6.263	714	715	719	rVB3	1181	870	0.05%	0.007%
30	6.373	730	733	735	rBV2	860	1040	0.06%	0.008%
31	6.513	751	756	758	rBV2	1085	1314	0.08%	0.010%
32	6.671	780	782	788	rVB4	1115	1494	0.09%	0.012%
33	6.751	794	795	799	rVB3	1153	968	0.06%	0.008%
34	6.793	799	802	805	rBV	1309	1333	0.08%	0.011%

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35	7.080	839	849	860	rBV2	45072	130755	7.64%	1.041%
36	7.257	871	878	887	rVB2	13626	35463	2.07%	0.282%
37	7.372	895	897	901	rVB4	963	1345	0.08%	0.011%
38	7.513	918	920	921	rBV2	1744	1340	0.08%	0.011%
39	7.647	931	942	954	rBV	321293	763730	44.63%	6.080%
40	7.848	974	975	978	rBV3	756	936	0.05%	0.007%
41	7.945	987	991	992	rBV2	1526	2175	0.13%	0.017%
42	8.080	1011	1013	1015	rVB2	1035	925	0.05%	0.007%
43	8.189	1028	1031	1033	rBV2	831	1078	0.06%	0.009%
44	8.275	1033	1045	1062	rBV2	582364	1711360	100.00%	13.624%
45	8.500	1080	1082	1085	rBV3	1211	1084	0.06%	0.009%
46	8.622	1100	1102	1105	rBV4	946	804	0.05%	0.006%
47	8.695	1108	1114	1118	rBV6	1396	2845	0.17%	0.023%
48	8.738	1118	1121	1127	rVB4	1429	2605	0.15%	0.021%
49	8.842	1129	1138	1150	rBV	565808	1097371	64.12%	8.736%
50	8.970	1156	1159	1160	rVB3	1091	840	0.05%	0.007%
51	9.037	1168	1170	1171	rBV2	1581	1393	0.08%	0.011%
52	9.067	1171	1175	1176	rBV4	2488	3141	0.18%	0.025%
53	9.153	1186	1189	1190	rBV2	890	890	0.05%	0.007%
54	9.274	1200	1209	1221	rBV	410278	833065	48.68%	6.632%
55	9.482	1240	1243	1248	rVB5	1239	2060	0.12%	0.016%
56	9.531	1248	1251	1254	rBV4	1020	1468	0.09%	0.012%
57	9.634	1265	1268	1269	rBV2	945	828	0.05%	0.007%
58	9.652	1269	1271	1274	rBV3	1214	1637	0.10%	0.013%
59	9.890	1307	1310	1311	rBV2	946	900	0.05%	0.007%
60	10.037	1326	1334	1343	rBV	194000	362324	21.17%	2.885%
61	10.189	1357	1359	1362	rBV2	1002	1409	0.08%	0.011%
62	10.323	1372	1381	1389	rBV	791249	1377679	80.50%	10.968%
63	10.494	1407	1409	1413	rBV5	513	842	0.05%	0.007%
64	10.579	1415	1423	1436	rVB	139439	239637	14.00%	1.908%
65	10.707	1439	1444	1449	rVB2	5654	11233	0.66%	0.089%
66	10.756	1449	1452	1453	rBV2	1265	1073	0.06%	0.009%
67	10.793	1456	1458	1462	rVB4	1190	1287	0.08%	0.010%
68	10.847	1462	1467	1472	rBV7	2681	4564	0.27%	0.036%
69	10.927	1473	1480	1494	rBV	174842	305607	17.86%	2.433%
70	11.061	1500	1502	1503	rBV2	1276	1343	0.08%	0.011%
71	11.164	1518	1519	1522	rBV3	883	1076	0.06%	0.009%

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72	11.195	1522	1524	1528	rVB4	1178	1296	0.08%	0.010%
73	11.231	1528	1530	1534	rVB4	1088	1227	0.07%	0.010%
74	11.323	1541	1545	1547	rVB5	847	1186	0.07%	0.009%
75	11.530	1577	1579	1582	rVB3	1406	1292	0.08%	0.010%
76	11.634	1587	1596	1606	rBV	792516	1357407	79.32%	10.807%
77	11.835	1624	1629	1630	rBV5	2034	2630	0.15%	0.021%
78	12.018	1655	1659	1660	rBV4	1180	1413	0.08%	0.011%
79	12.054	1662	1665	1666	rVV3	890	987	0.06%	0.008%
80	12.103	1669	1673	1674	rBV3	1064	1157	0.07%	0.009%
81	12.170	1680	1684	1686	rBV4	1192	1497	0.09%	0.012%
82	12.274	1700	1701	1705	rVB3	944	1044	0.06%	0.008%
83	12.323	1705	1709	1710	rBV3	1593	2055	0.12%	0.016%
84	12.457	1728	1731	1734	rBV5	969	1376	0.08%	0.011%
85	12.530	1741	1743	1748	rVB3	759	1107	0.06%	0.009%
86	12.609	1750	1756	1763	rBV3	7388	12465	0.73%	0.099%
87	12.695	1763	1770	1778	rBV	283227	465962	27.23%	3.710%
88	12.774	1778	1783	1790	rBV8	2940	5683	0.33%	0.045%
89	12.871	1795	1799	1800	rBV4	1547	1729	0.10%	0.014%
90	12.926	1807	1808	1811	rBV3	1036	1164	0.07%	0.009%
91	13.237	1857	1859	1862	rBV3	2255	3310	0.19%	0.026%
92	13.347	1875	1877	1878	rBV2	2162	1398	0.08%	0.011%
93	13.487	1896	1900	1902	rBV5	2632	4339	0.25%	0.035%
94	13.560	1905	1912	1921	rBV	744304	1177389	68.80%	9.373%
95	13.853	1952	1960	1970	rBV	692319	1165895	68.13%	9.282%
96	14.261	2025	2027	2028	rBV2	7681	5938	0.35%	0.047%
97	14.389	2044	2048	2052	rVB3	28613	43907	2.57%	0.350%
98	14.554	2071	2075	2080	rVB3	42602	61860	3.61%	0.492%
99	14.847	2121	2123	2132	rVB5	40968	75229	4.40%	0.599%
100	15.334	2200	2203	2206	rBV3	29068	43603	2.55%	0.347%

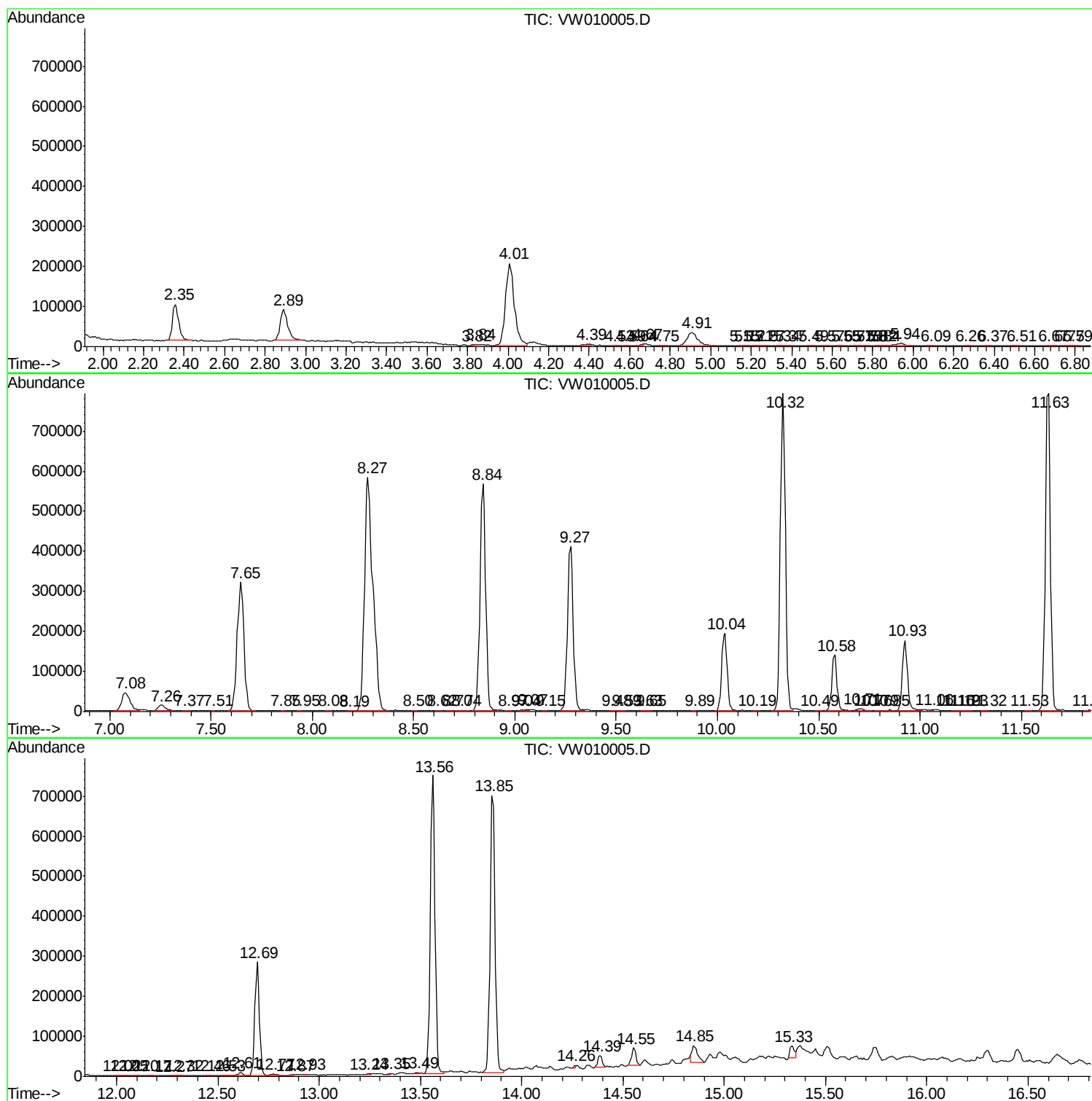
Sum of corrected areas: 12561006

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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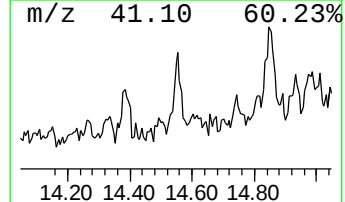
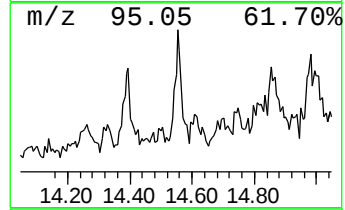
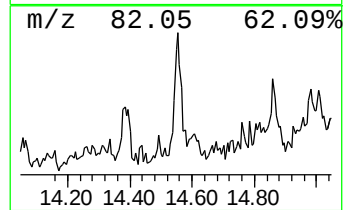
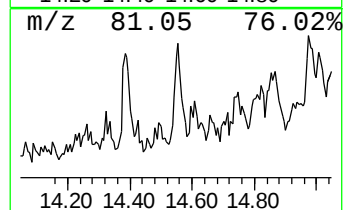
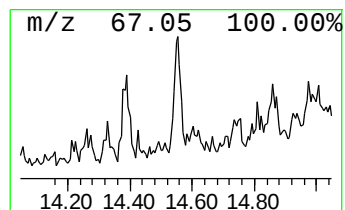
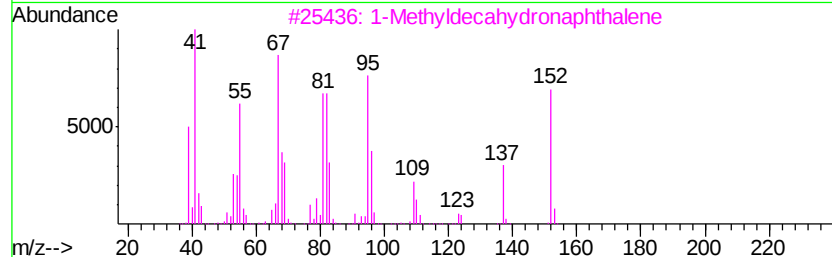
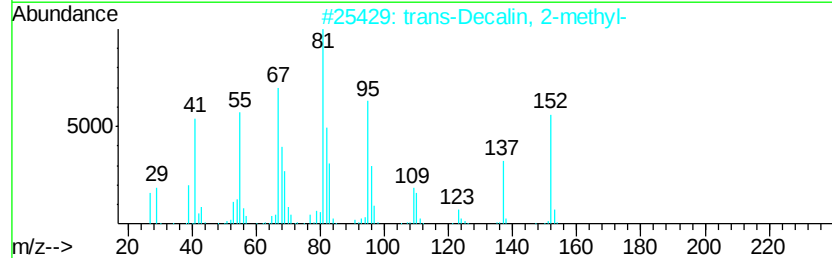
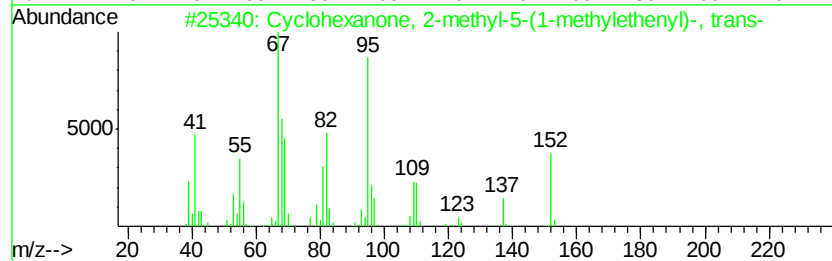
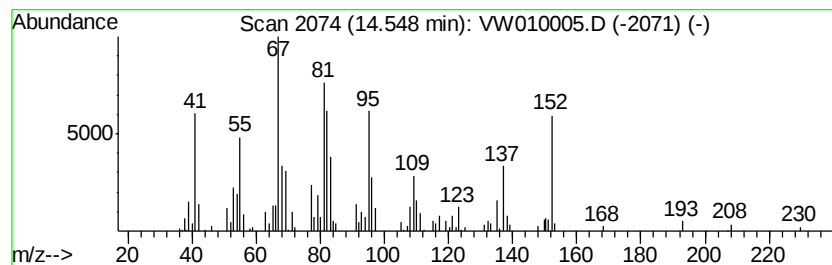
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexanone, 2-methyl-5-(... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	1.31 ug/L	61860	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	86
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	86
3		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	83
4		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
5		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	029606-79-9	78



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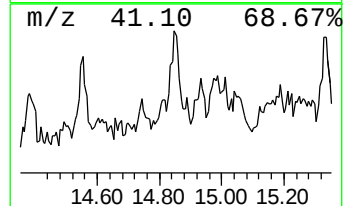
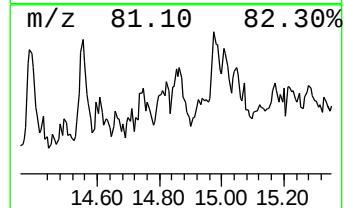
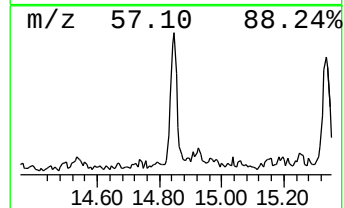
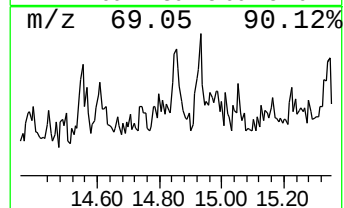
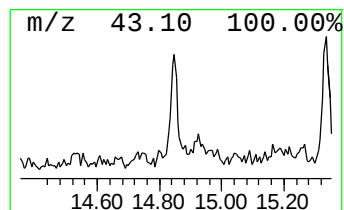
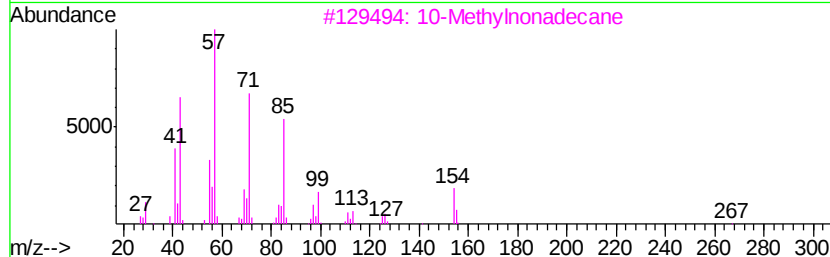
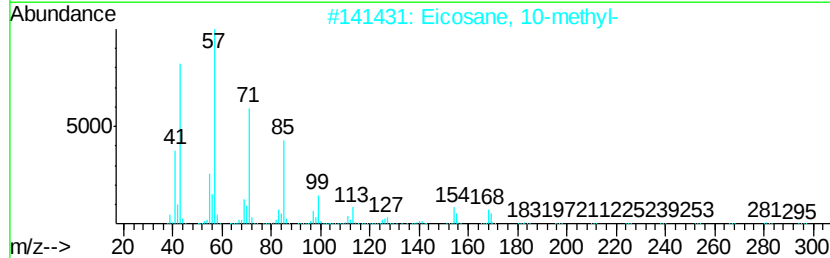
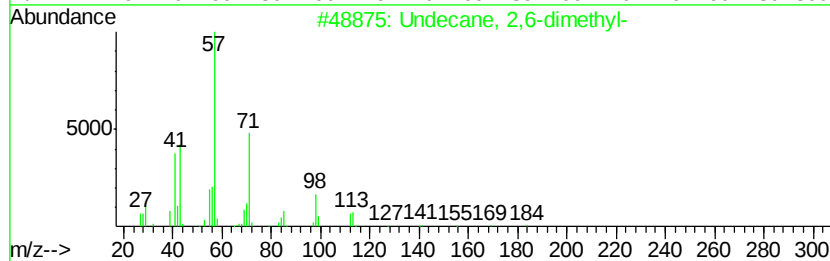
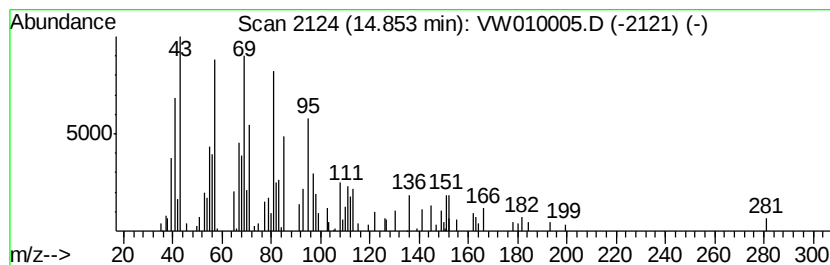
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	1.60 ug/L	75229	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53		
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	50		
3	10-Methylnonadecane	282	C20H42	056862-62-5	50		
4	Tridecane	184	C13H28	000629-50-5	49		
5	2-methyltetracosane	352	C25H52	1000376-72-6	47		



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexanone, 2-...	14.55	1.3	ug/L	61860	3	13.56	1177390	25.0
(DEL) Alkane: Str...	14.85	1.6	ug/L	75229	3	13.56	1177390	25.0