

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072018\
 Data File : VW004096.D
 Acq On : 21 Jul 2018 01:49
 Operator : SY/AP
 Sample : J4038-10
 Misc : 8.43G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB1M5

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\SOM2WLM071818S.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	1.691	12	17	18	rVV2	311	472	0.00%	0.000%
2	1.807	27	36	56	rVV	6813123	14094021	19.30%	13.183%
3	1.953	57	60	73	rVB2	15692	30810	0.04%	0.029%
4	2.160	90	94	99	rBV4	1293	2886	0.00%	0.003%
5	2.349	116	125	136	rBV	52375	101700	0.14%	0.095%
6	2.623	165	170	177	rBV4	5215	10587	0.01%	0.010%
7	2.886	206	213	225	rVB	33684	81406	0.11%	0.076%
8	3.264	273	275	276	rBV2	1100	738	0.00%	0.001%
9	3.709	346	348	360	rVB9	2620	7508	0.01%	0.007%
10	3.855	364	372	378	rBV5	1875	4365	0.01%	0.004%
11	4.007	386	397	408	rBV	95762	278170	0.38%	0.260%
12	4.117	408	415	426	rVB	56403	154170	0.21%	0.144%
13	4.269	437	440	443	rBV2	570	558	0.00%	0.001%
14	4.373	447	457	470	rVV3	5353	18325	0.03%	0.017%
15	4.910	535	545	556	rBV3	4318	14096	0.02%	0.013%
16	5.160	583	586	588	rVV3	438	470	0.00%	0.000%
17	5.300	607	609	612	rBV2	346	465	0.00%	0.000%
18	5.434	627	631	640	rVB6	819	1890	0.00%	0.002%
19	5.763	680	685	686	rBV3	425	513	0.00%	0.000%
20	5.934	705	713	725	rBV7	1800	6078	0.01%	0.006%
21	6.123	741	744	748	rVB3	555	1037	0.00%	0.001%
22	6.915	869	874	876	rBV4	369	595	0.00%	0.001%
23	7.080	893	901	909	rBV	45835	127039	0.17%	0.119%
24	7.269	930	932	936	rVB3	665	723	0.00%	0.001%
25	7.537	973	976	983	rVB5	826	1195	0.00%	0.001%
26	7.653	983	995	1009	rVB	167459	413328	0.57%	0.387%
27	7.879	1027	1032	1034	rVB2	505	848	0.00%	0.001%
28	7.921	1034	1039	1041	rBV2	1089	1284	0.00%	0.001%
29	8.049	1058	1060	1063	rVB2	521	519	0.00%	0.000%
30	8.159	1073	1078	1083	rVB4	607	1278	0.00%	0.001%
31	8.281	1088	1098	1114	rBV2	291005	921833	1.26%	0.862%
32	8.403	1116	1118	1121	rVV3	938	1019	0.00%	0.001%
33	8.580	1142	1147	1148	rBV2	437	544	0.00%	0.001%
34	8.628	1153	1155	1160	rVB2	322	462	0.00%	0.000%

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35	8.708	1160	1168	1176	rBV3	3180	7408	0.01%	0.007%
36	8.848	1181	1191	1201	rBV	368321	728115	1.00%	0.681%
37	9.043	1217	1223	1224	rBV3	1541	2686	0.00%	0.003%
38	9.281	1252	1262	1270	rBV	231426	476340	0.65%	0.446%
39	9.384	1277	1279	1283	rVB4	1354	1582	0.00%	0.001%
40	9.464	1287	1292	1299	rVB6	1112	2492	0.00%	0.002%
41	9.659	1319	1324	1330	rBV7	1385	2618	0.00%	0.002%
42	9.762	1334	1341	1352	rVB	12881	25088	0.03%	0.023%
43	9.897	1356	1363	1371	rBV2	26708	55239	0.08%	0.052%
44	9.957	1371	1373	1378	rVB3	919	970	0.00%	0.001%
45	10.037	1378	1386	1393	rBV	106792	194291	0.27%	0.182%
46	10.098	1393	1396	1400	rVB5	1253	1948	0.00%	0.002%
47	10.256	1417	1422	1426	rVB	7958	13124	0.02%	0.012%
48	10.329	1426	1434	1441	rBV	376184	656428	0.90%	0.614%
49	10.396	1441	1445	1448	rVV2	5281	7846	0.01%	0.007%
50	10.512	1457	1464	1469	rBV5	5958	9978	0.01%	0.009%
51	10.579	1469	1475	1482	rBV	73550	130972	0.18%	0.123%
52	10.713	1489	1497	1504	rBV3	17640	35295	0.05%	0.033%
53	10.781	1504	1508	1513	rVB5	3049	5470	0.01%	0.005%
54	10.933	1525	1533	1546	rBV	174607	304248	0.42%	0.285%
55	11.061	1553	1554	1557	rBV3	757	744	0.00%	0.001%
56	11.488	1579	1624	1634	rBV3	1568161	13274279	18.17%	12.416%
57	11.994	1702	1707	1708	rBV3	804	954	0.00%	0.001%
58	12.244	1708	1748	1783	rVV2	12378906	73040031	100.00%	68.319%
59	12.567	1797	1801	1804	rBV5	1677	2850	0.00%	0.003%
60	12.616	1804	1809	1815	rVV2	20603	34379	0.05%	0.032%
61	12.701	1815	1823	1832	rVB	227270	371024	0.51%	0.347%
62	12.908	1852	1857	1858	rBV5	1702	2435	0.00%	0.002%
63	12.939	1858	1862	1867	rVB5	4013	5972	0.01%	0.006%
64	13.219	1903	1908	1909	rBV4	668	992	0.00%	0.001%
65	13.256	1909	1914	1916	rBV5	708	1131	0.00%	0.001%
66	13.280	1916	1918	1921	rBV4	631	865	0.00%	0.001%
67	13.414	1934	1940	1945	rBV6	1487	2775	0.00%	0.003%
68	13.481	1949	1951	1955	rBV2	469	682	0.00%	0.001%
69	13.567	1957	1965	1975	rBV	397931	643831	0.88%	0.602%
70	13.658	1975	1980	1985	rVB2	11680	19027	0.03%	0.018%
71	13.774	1997	1999	2002	rVV3	1013	1476	0.00%	0.001%

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72	13.859	2006	2013	2022	rVV	300173	499364	0.68%	0.467%
73	13.926	2022	2024	2026	rVB3	753	569	0.00%	0.001%
74	14.048	2040	2044	2045	rBV4	1210	1513	0.00%	0.001%
75	14.085	2046	2050	2055	rVB2	4975	7951	0.01%	0.007%
76	14.237	2073	2075	2077	rVV2	592	545	0.00%	0.001%
77	14.256	2077	2078	2082	rVB3	612	634	0.00%	0.001%
78	14.335	2087	2091	2096	rVB5	2867	4695	0.01%	0.004%
79	14.536	2115	2124	2129	rBV4	8696	16010	0.02%	0.015%
80	14.634	2138	2140	2143	rVB4	1032	1073	0.00%	0.001%
81	14.670	2143	2146	2147	rBV3	665	737	0.00%	0.001%
82	14.701	2149	2151	2152	rVV2	836	683	0.00%	0.001%
83	14.737	2152	2157	2162	rVB2	6629	9486	0.01%	0.009%
84	14.969	2194	2195	2197	rBV2	690	636	0.00%	0.001%
85	15.200	2227	2233	2234	rBV6	1587	2804	0.00%	0.003%
86	15.261	2241	2243	2249	rVB5	1856	2672	0.00%	0.002%
87	15.371	2258	2261	2265	rBV4	779	1209	0.00%	0.001%
88	15.511	2282	2284	2289	rVV4	1294	1736	0.00%	0.002%
89	15.566	2289	2293	2299	rVB4	2556	3825	0.01%	0.004%
90	15.670	2308	2310	2313	rBV3	610	665	0.00%	0.001%
91	15.700	2313	2315	2318	rBV3	583	642	0.00%	0.001%
92	15.767	2324	2326	2327	rBV2	637	495	0.00%	0.000%
93	15.816	2332	2334	2336	rBV3	697	830	0.00%	0.001%
94	16.121	2379	2384	2386	rBV4	959	1640	0.00%	0.002%
95	16.182	2391	2394	2397	rVB3	701	922	0.00%	0.001%
96	16.231	2400	2402	2403	rBV2	718	476	0.00%	0.000%
97	16.334	2416	2419	2420	rBV	445	543	0.00%	0.001%
98	16.432	2433	2435	2438	rVB	636	532	0.00%	0.000%
99	16.499	2444	2446	2449	rBV3	646	881	0.00%	0.001%
100	16.609	2462	2464	2466	rBV	578	489	0.00%	0.000%

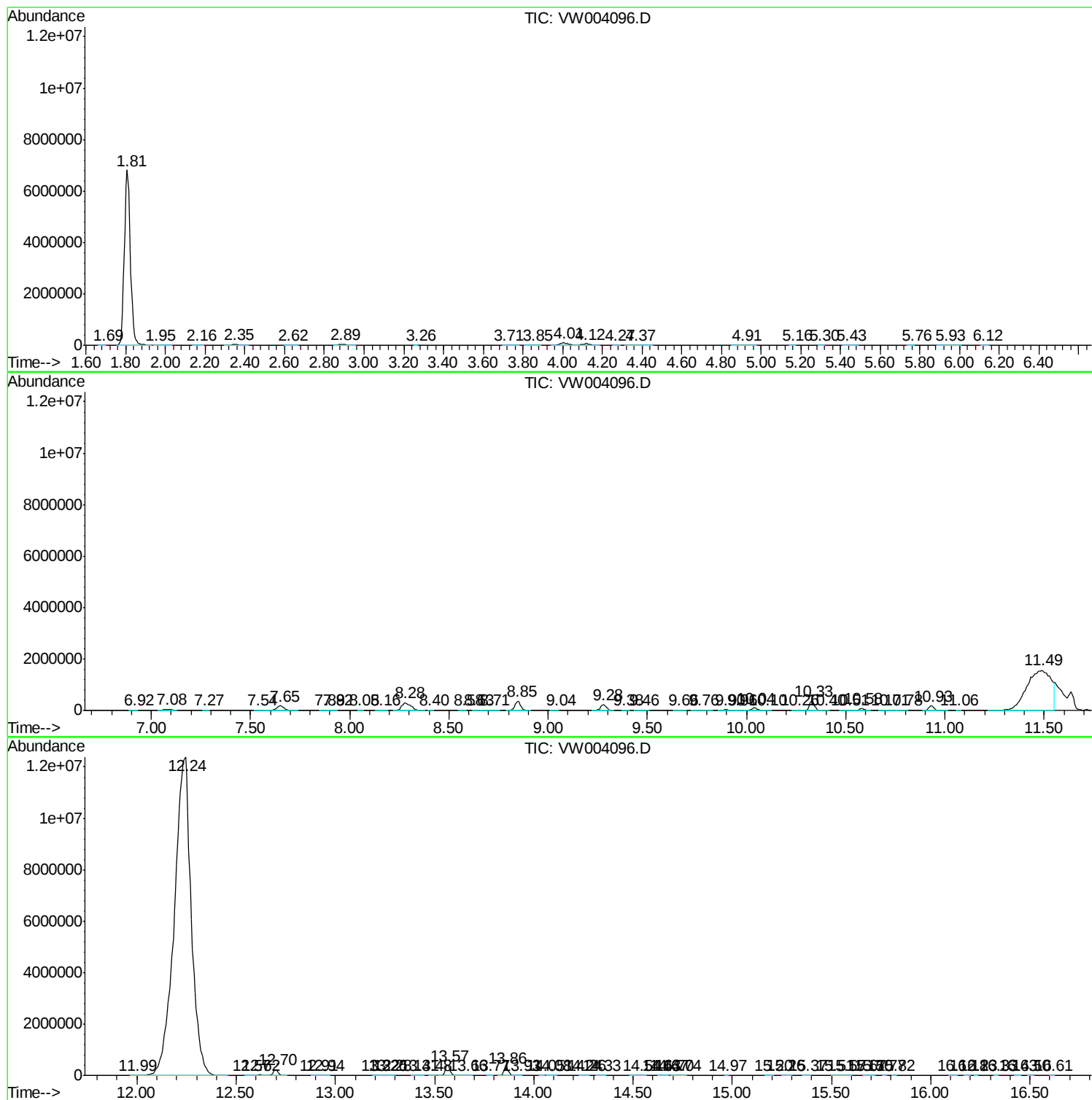
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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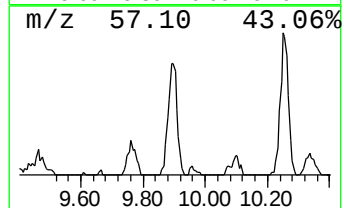
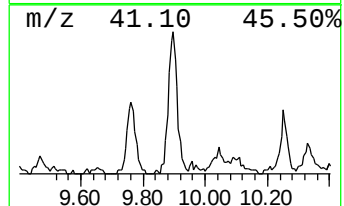
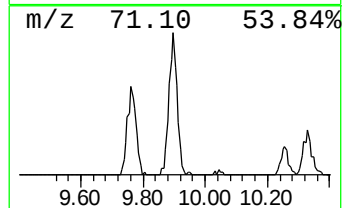
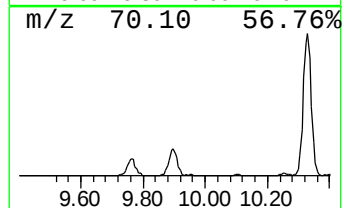
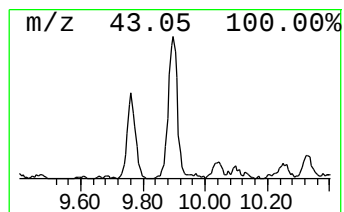
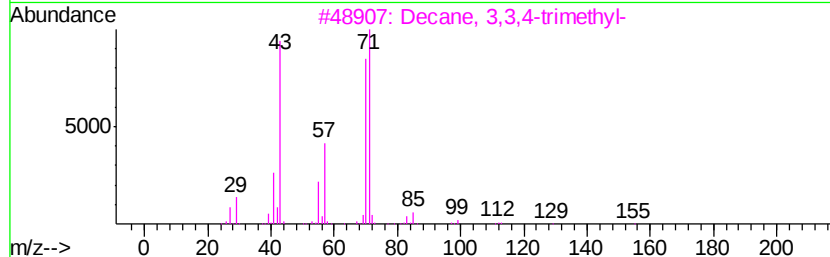
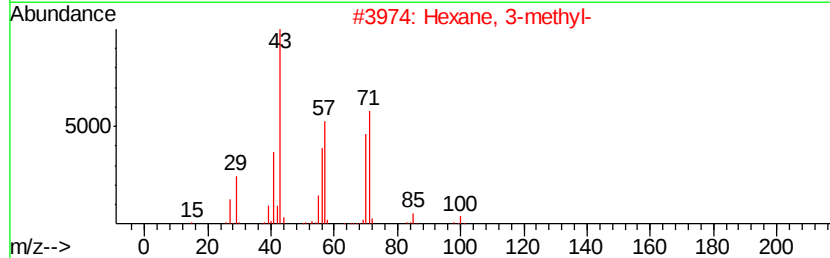
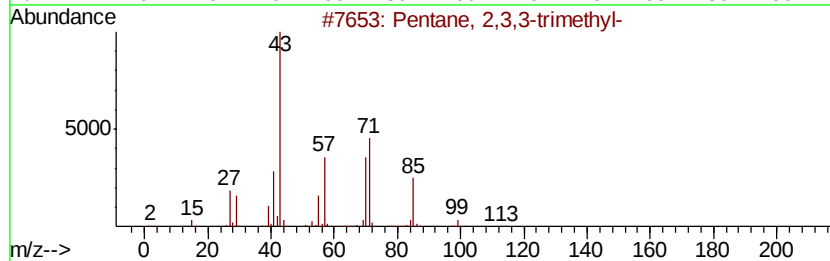
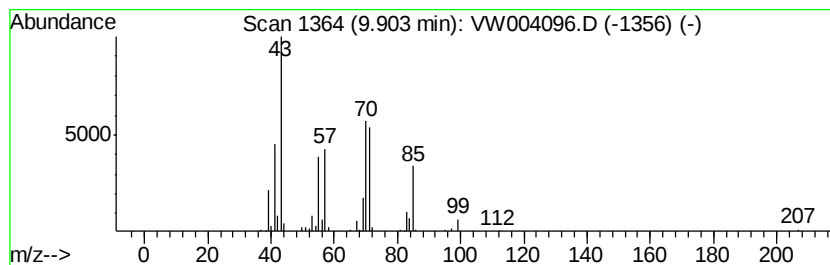
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	1.90 ug/L	55239	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	78
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	64
3	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	59
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53



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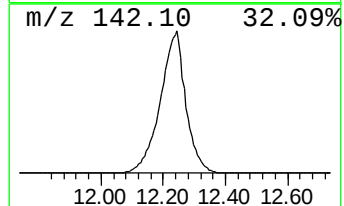
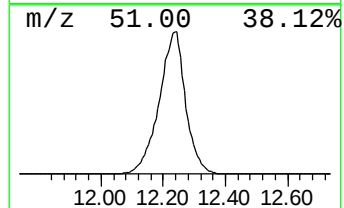
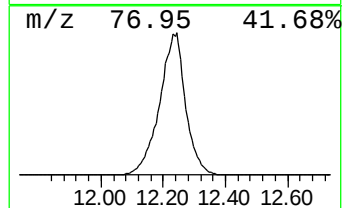
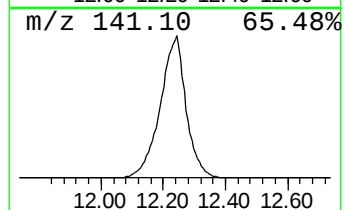
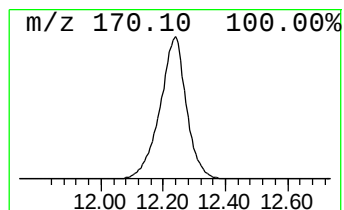
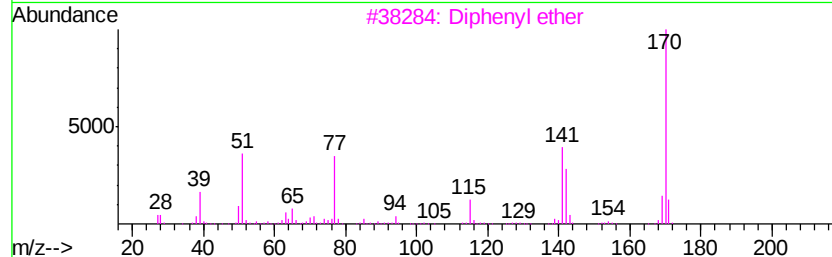
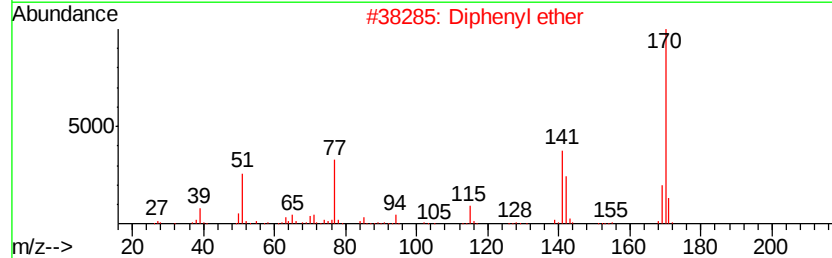
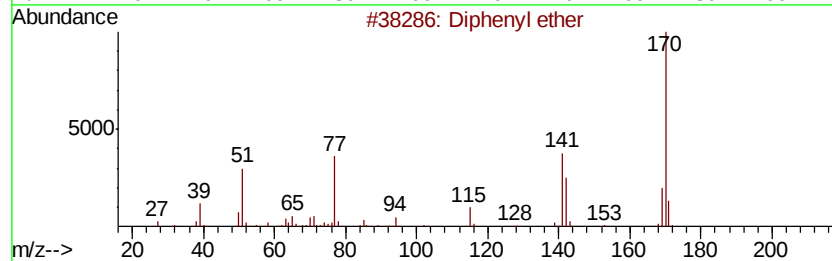
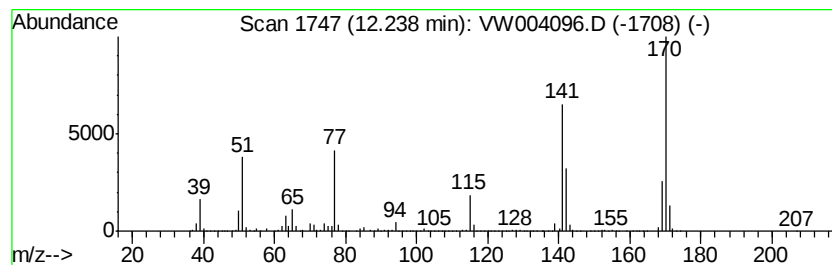
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Peak Number 5 Diphenyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	137.56 ug/L	73040000	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl ether		170	C12H10O	000101-84-8	93
2	Diphenyl ether		170	C12H10O	000101-84-8	81
3	Diphenyl ether		170	C12H10O	000101-84-8	81
4	Diphenyl ether		170	C12H10O	000101-84-8	64
5	Spiro[cyclopropane-1,1'(4'H)-nap...		170	C12H10O	033498-24-7	62



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	9.90	1.9	ug/L	55239	1	8.85	728115	25.0
Diphenyl ether	12.24	137.6	ug/L	73040000	2	11.63	13274300	25.0