

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072018\
 Data File : VU025544.D
 Acq On : 20 Jul 2018 16:10
 Operator : MD/SY
 Sample : J4039-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB1Q0

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_U\METHOD\SOMULM072018WMA.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	0.677	22	27	32	rBV2	271	320	0.03%	0.003%
2	0.815	61	70	71	rBV	417	493	0.05%	0.005%
3	0.960	112	115	117	rBV	378	282	0.03%	0.003%
4	1.088	136	155	177	rBV	554193	618893	65.32%	6.373%
5	1.185	180	185	194	rVB2	7614	8022	0.85%	0.083%
6	1.400	245	252	267	rVV	84523	90295	9.53%	0.930%
7	1.468	268	273	280	rVB2	7270	8190	0.86%	0.084%
8	1.638	320	326	333	rBV	12460	16204	1.71%	0.167%
9	1.683	333	340	356	rVB	75341	94808	10.01%	0.976%
10	1.834	380	387	400	rBV	36897	48505	5.12%	0.500%
11	2.088	458	466	478	rVB	22354	32834	3.47%	0.338%
12	2.275	514	524	537	rVB	173033	260289	27.47%	2.681%
13	2.413	564	567	570	rBV4	572	357	0.04%	0.004%
14	2.481	581	588	595	rBV4	1989	2824	0.30%	0.029%
15	2.583	612	620	621	rBV	493	532	0.06%	0.005%
16	2.619	629	631	635	rVB2	892	539	0.06%	0.006%
17	2.677	644	649	651	rBV3	378	347	0.04%	0.004%
18	2.828	691	696	703	rBV7	679	910	0.10%	0.009%
19	2.947	729	733	736	rBV3	360	325	0.03%	0.003%
20	3.137	789	792	799	rVB3	518	513	0.05%	0.005%
21	3.275	830	835	840	rVB2	400	499	0.05%	0.005%
22	3.310	841	846	848	rBV2	389	376	0.04%	0.004%
23	3.394	866	872	873	rBV3	367	309	0.03%	0.003%
24	3.448	886	889	892	rVV3	575	396	0.04%	0.004%
25	3.477	894	898	901	rVB4	477	411	0.04%	0.004%
26	3.654	950	953	958	rBV2	361	336	0.04%	0.003%
27	3.844	1007	1012	1016	rBV3	635	792	0.08%	0.008%
28	4.108	1089	1094	1096	rBV3	349	281	0.03%	0.003%
29	4.178	1101	1116	1138	rBV	95259	242984	25.64%	2.502%
30	4.526	1222	1224	1229	rBV2	540	552	0.06%	0.006%
31	4.654	1245	1264	1283	rBV	170670	395206	41.71%	4.070%
32	4.805	1308	1311	1314	rBV2	461	342	0.04%	0.004%
33	4.889	1329	1337	1339	rBV3	756	1015	0.11%	0.010%
34	4.992	1367	1369	1375	rVB3	519	338	0.04%	0.003%

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 Title : VOC Analysis

35	5.114	1402	1407	1410	rBV3	251	289	0.03%	0.003%
36	5.345	1451	1479	1502	rBV2	312219	947528	100.00%	9.758%
37	5.490	1520	1524	1527	rVB2	482	303	0.03%	0.003%
38	5.577	1547	1551	1555	rVB4	525	532	0.06%	0.005%
39	5.667	1574	1579	1583	rBV2	586	626	0.07%	0.006%
40	5.892	1630	1649	1671	rBV	394183	770229	81.29%	7.932%
41	6.140	1721	1726	1730	rVB3	392	344	0.04%	0.004%
42	6.181	1730	1739	1741	rBV2	1260	1702	0.18%	0.018%
43	6.336	1772	1787	1803	rBV	224357	447882	47.27%	4.612%
44	6.464	1824	1827	1833	rVB4	709	667	0.07%	0.007%
45	6.615	1871	1874	1880	rVB2	354	294	0.03%	0.003%
46	6.718	1903	1906	1910	rVB3	363	299	0.03%	0.003%
47	6.792	1921	1929	1932	rBV	642	557	0.06%	0.006%
48	6.850	1939	1947	1956	rBV4	1891	3043	0.32%	0.031%
49	6.927	1965	1971	1974	rBV2	289	303	0.03%	0.003%
50	6.979	1983	1987	1994	rVB3	592	591	0.06%	0.006%
51	7.014	1994	1998	2003	rBV2	491	478	0.05%	0.005%
52	7.230	2053	2065	2086	rVB	125811	223141	23.55%	2.298%
53	7.358	2101	2105	2108	rBV4	940	923	0.10%	0.010%
54	7.387	2112	2114	2118	rVB2	721	390	0.04%	0.004%
55	7.567	2157	2170	2188	rBV	424769	737380	77.82%	7.594%
56	7.712	2213	2215	2218	rVB3	673	284	0.03%	0.003%
57	7.853	2245	2259	2271	rBV	88650	151900	16.03%	1.564%
58	7.992	2297	2302	2304	rBV2	475	396	0.04%	0.004%
59	8.123	2339	2343	2345	rBV	512	349	0.04%	0.004%
60	8.185	2350	2362	2371	rBV2	14681	31525	3.33%	0.325%
61	8.313	2391	2402	2427	rVB	299187	513119	54.15%	5.284%
62	8.622	2494	2498	2501	rBV4	486	415	0.04%	0.004%
63	9.091	2631	2644	2669	rVV	549735	904626	95.47%	9.316%
64	9.220	2679	2684	2686	rBV2	403	335	0.04%	0.003%
65	9.303	2709	2710	2714	rVV2	369	300	0.03%	0.003%
66	9.329	2715	2718	2720	rVB	655	349	0.04%	0.004%
67	9.371	2727	2731	2732	rBV	631	422	0.04%	0.004%
68	9.721	2837	2840	2846	rBV3	371	347	0.04%	0.004%
69	9.824	2870	2872	2878	rBV3	424	355	0.04%	0.004%
70	9.947	2905	2910	2914	rVB3	498	499	0.05%	0.005%
71	10.024	2931	2934	2938	rBV	386	274	0.03%	0.003%

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72	10.098	2954	2957	2961	rBV2	305	286	0.03%	0.003%
73	10.271	3007	3011	3013	rBV2	480	383	0.04%	0.004%
74	10.435	3049	3062	3082	rBV	336227	536470	56.62%	5.525%
75	10.612	3108	3117	3126	rBV5	4447	8357	0.88%	0.086%
76	10.728	3150	3153	3155	rBV2	538	319	0.03%	0.003%
77	11.056	3251	3255	3259	rBV3	468	405	0.04%	0.004%
78	11.146	3281	3283	3287	rBV4	521	351	0.04%	0.004%
79	11.422	3361	3369	3375	rBV5	732	1299	0.14%	0.013%
80	11.487	3376	3389	3407	rBV	543497	858313	90.58%	8.839%
81	11.779	3475	3480	3482	rVV3	316	310	0.03%	0.003%
82	11.863	3493	3506	3521	rBV	471108	756083	79.80%	7.786%
83	11.995	3543	3547	3554	rVV5	485	551	0.06%	0.006%
84	12.152	3594	3596	3600	rBV2	367	292	0.03%	0.003%
85	12.384	3666	3668	3676	rVB3	532	418	0.04%	0.004%
86	12.487	3695	3700	3709	rVB4	906	1067	0.11%	0.011%
87	12.660	3751	3754	3762	rVB3	462	455	0.05%	0.005%
88	12.892	3823	3826	3829	rVB2	699	414	0.04%	0.004%
89	12.962	3845	3848	3853	rVB2	527	496	0.05%	0.005%
90	13.329	3959	3962	3965	rBV	529	335	0.04%	0.003%
91	13.371	3973	3975	3979	rVB3	552	330	0.03%	0.003%
92	13.503	4014	4016	4020	rBV4	482	427	0.05%	0.004%
93	13.647	4057	4061	4063	rBV2	448	364	0.04%	0.004%
94	13.750	4090	4093	4095	rBV2	575	345	0.04%	0.004%
95	13.885	4132	4135	4137	rBV3	459	276	0.03%	0.003%
96	13.998	4164	4170	4175	rBV4	875	969	0.10%	0.010%
97	14.435	4304	4306	4310	rVB3	703	355	0.04%	0.004%
98	14.499	4324	4326	4329	rBV2	686	326	0.03%	0.003%
99	15.609	4664	4671	4682	rBV2	18340	30658	3.24%	0.316%
100	15.750	4704	4715	4748	rBV	593898	937475	98.94%	9.654%

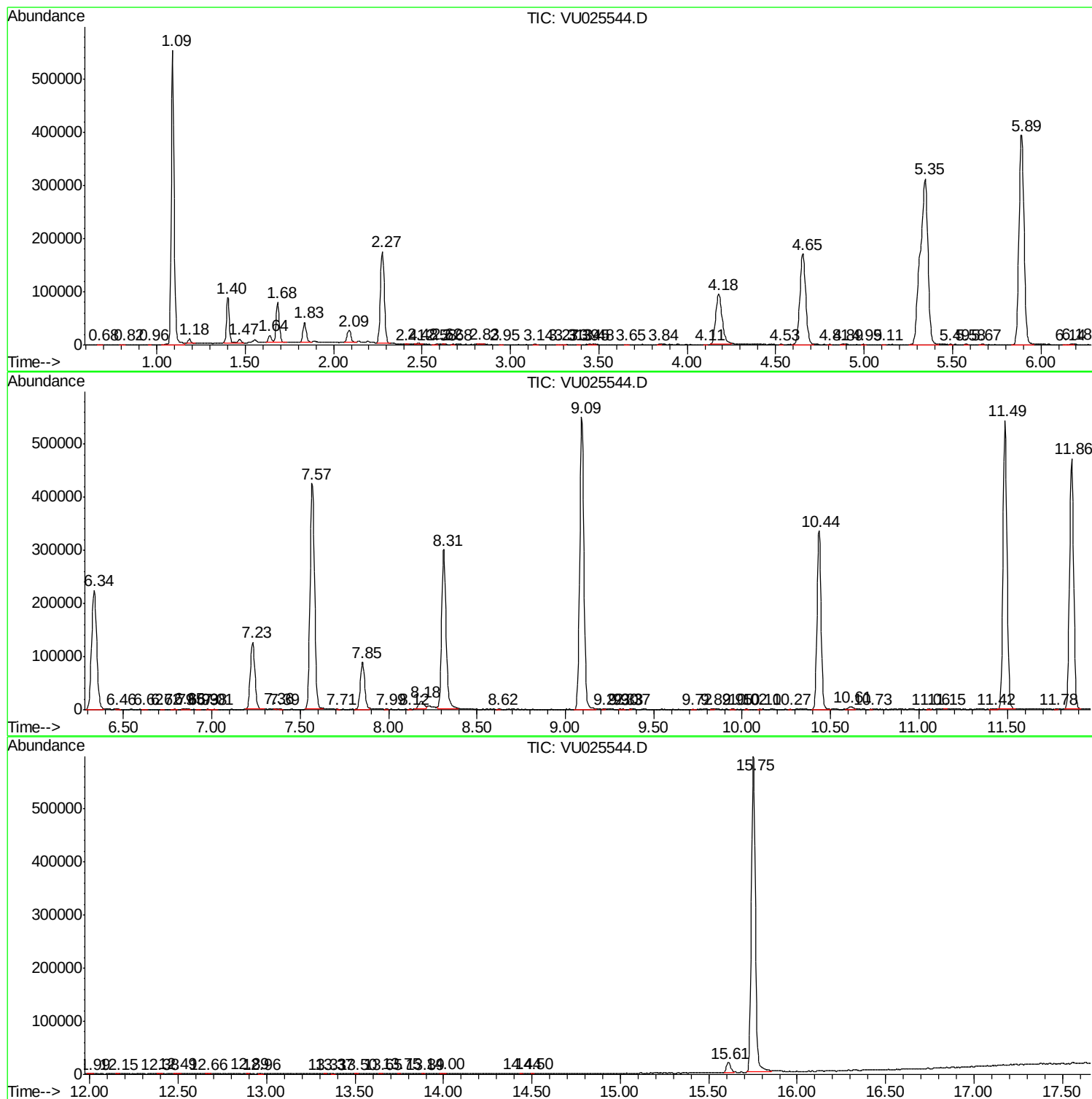
Sum of corrected areas: 9710444

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis

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



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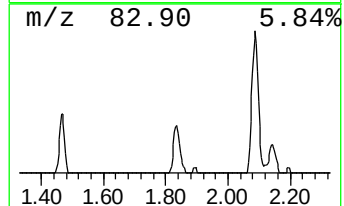
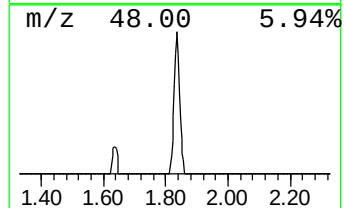
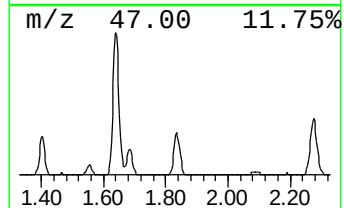
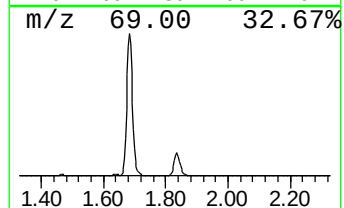
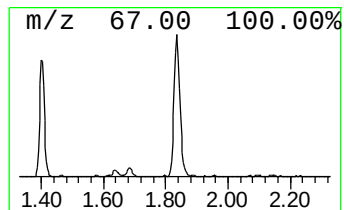
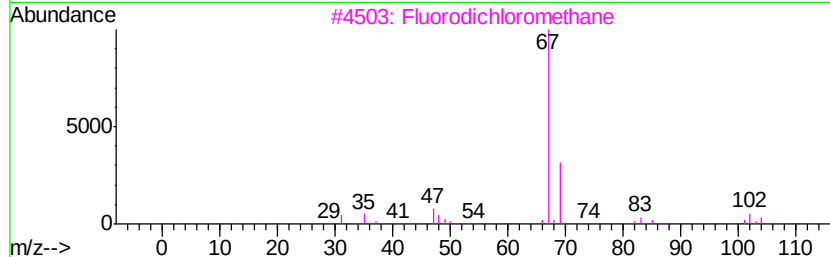
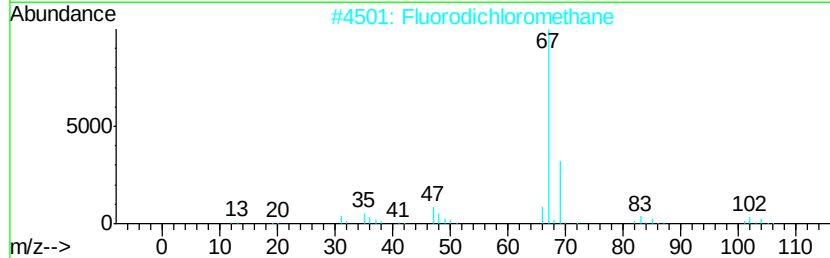
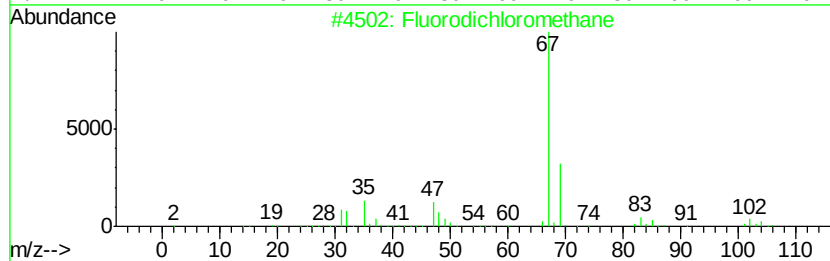
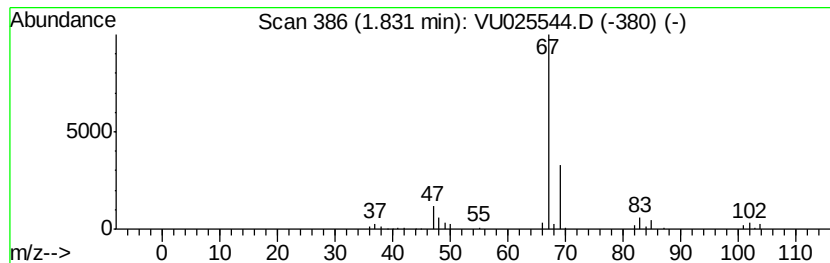
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Fluorodichloromethane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.83	3.15 ug/L	48505	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluorodichloromethane	102	CHCl2F	000075-43-4	91
2		Fluorodichloromethane	102	CHCl2F	000075-43-4	91
3		Fluorodichloromethane	102	CHCl2F	000075-43-4	90
4		Chlorine dioxide	67	ClO2	010049-04-4	5
5		Methanamine, N,N-difluoro-	67	CH3F2N	000753-58-2	5



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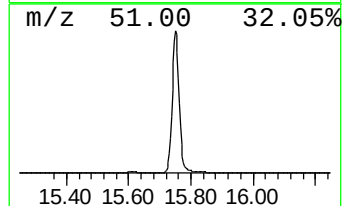
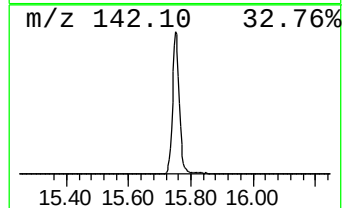
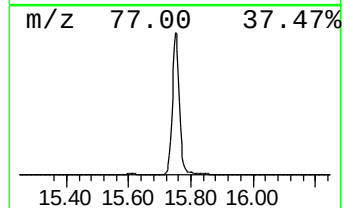
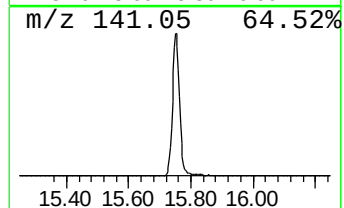
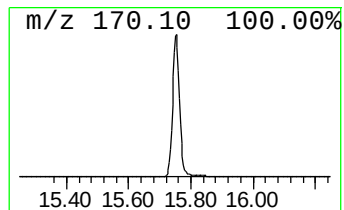
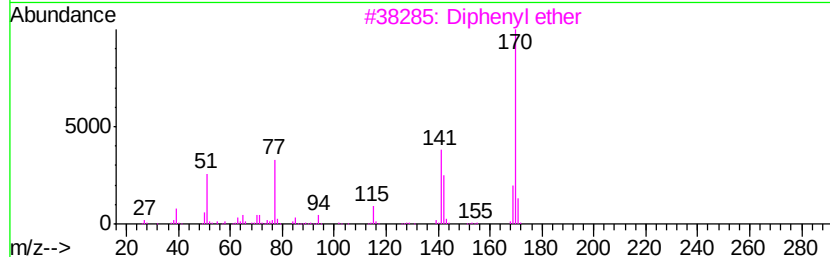
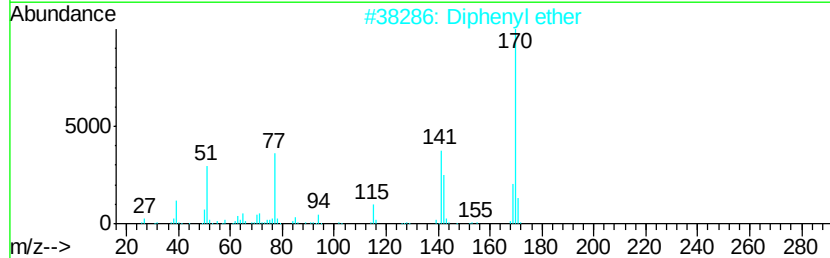
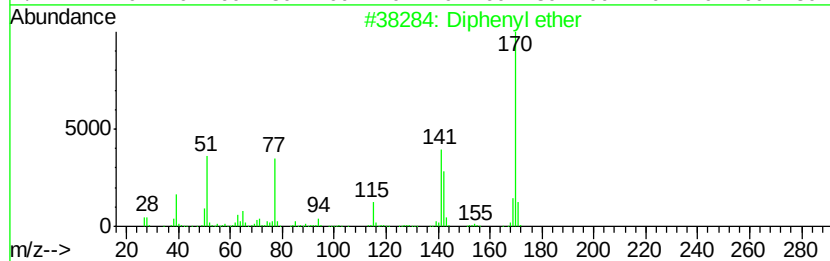
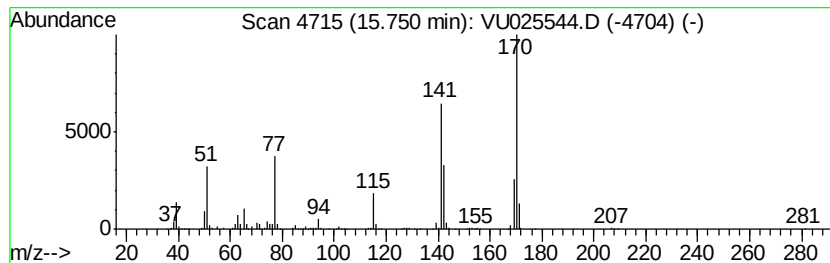
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Diphenyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	54.61 ug/L	937475	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diphenyl ether	170	C12H10O	000101-84-8	91
2		Diphenyl ether	170	C12H10O	000101-84-8	90
3		Diphenyl ether	170	C12H10O	000101-84-8	90
4		Spiro[cyclopropane-1,1'(4'H)-nap...	170	C12H10O	033498-24-7	76
5		Malononitrile, 2-phenylazo-	170	C9H6N4	1000316-88-1	43



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Fluorodichloromet...	1.83	3.1	ug/L	48505	1	5.89	770229	50.0
Diphenyl ether	15.75	54.6	ug/L	937475	3	11.49	858313	50.0