LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072118\
Data File : VU025587.D
Acq On : 21 Jul 2018 16:23
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 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_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	0.629	9	12	17	rBV2	308	228	0.02%	0.002%
2	0.658	17	21	29	rVB2	248	218	0.02%	0.002%
3	0.735	43	45	48	rBV2	277	146	0.01%	0.001%
4	0.773	53	57	64	rBV3	294	304	0.03%	0.003%
5	0.841	73	78	85	rVB2	312	313	0.03%	0.003%
6	0.873	85	88	90	rBV	174	133	0.01%	0.001%
7	0.937	105	108	110	rVB2	314	161	0.02%	0.002%
8	0.960	110	115	117	rBV2	175	178	0.02%	0.002%
9	0.995	124	126	131	rVB2	215	182	0.02%	0.002%
10	1.027	135	136	139	rBV2	408	273	0.03%	0.003%
11	1.089	146	155	176	rBV	474044	537971	50.26%	5.247%
12	1.404	246	253	265	rVB	116147	124494	11.63%	1.214%
13	1.683	334	340	356	rVB	94838	121279	11.33%	1.183%
14	1.838	382	388	399	rVB	36235	46220	4.32%	0.451%
15	2.275	515	524	539	rVB	216748	330720	30.90%	3.225%
16	2.699	652	656	657	rBV3	837	546	0.05%	0.005%
17	2.982	739	744	747	rBV4	1872	2221	0.21%	0.022%
18	3.098	777	780	783	rBV2	276	207	0.02%	0.002%
19	3.133	788	791	794	rVB	356	231	0.02%	0.002%
20	3.153	794	797	798	rBV	274	143	0.01%	0.001%
21	3.162	798	800	804	rVV2	304	208	0.02%	0.002%
22	3.230	818	821	822	rBV2	225	144	0.01%	0.001%
23	3.252	825	828	830	rVV	357	252	0.02%	0.002%
24	3.281	834	837	840	rVB3	376	230	0.02%	0.002%
25	3.365	859	863	864	rBV	343	232	0.02%	0.002%
26	3.613	937	940	943	rVB2	308	169	0.02%	0.002%
27	3.699	962	967	970	rBV2	429	361	0.03%	0.004%
28	3.777	988	991	994	rBV2	348	194	0.02%	0.002%
29	3.966	1047	1050	1053	rBV	299	220	0.02%	0.002%
30	4.178	1099	1116	1144	rBV	88912	231952	21.67%	2.262%
31	4.654	1246	1264	1288	rBV	185161	434573	40.60%	4.238%
32	4.838	1317	1321	1324	rBV3	395	325	0.03%	0.003%
33	4.924	1345	1348	1352	rVB2	472	210	0.02%	0.002%
34	4.998	1363	1371	1377	rBV4	938	1479	0.14%	0.014%

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ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB1Q0

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

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Peak separation: 5

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

35	5.153	1415	1419	1421	rBV2	404	295	0.03%	0.003%
36	5.207	1426	1436	1437	rBV3	405	403	0.04%	0.004%
37	5.346	1452	1479	1498	rBV2	357565	1070295	100.00%	10.438%
38	5.667	1577	1579	1581	rVV2	397	236	0.02%	0.002%
39	5.699	1585	1589	1594	rVB2	427	425	0.04%	0.004%
40	5.722	1594	1596	1600	rBV2	391	255	0.02%	0.002%
41	5.747	1601	1604	1606	rBV2	206	145	0.01%	0.001%
42	5.802	1618	1621	1624	rBV	251	209	0.02%	0.002%
43	5.892	1634	1649	1680	rBV	381696	751101	70.18%	7.325%
44	6.098	1708	1713	1716	rBV3	492	539	0.05%	0.005%
45	6.153	1727	1730	1734	rBV3	408	335	0.03%	0.003%
46	6.185	1734	1740	1742	rBV4	1540	1690	0.16%	0.016%
47	6.336	1772	1787	1808	rBV	241507	486890	45.49%	4.748%
48	6.526	1843	1846	1848	rBV	389	244	0.02%	0.002%
49	6.661	1883	1888	1889	rBV2	161	147	0.01%	0.001%
50	6.757	1914	1918	1919	rBV2	350	260	0.02%	0.003%
51	6.796	1924	1930	1935	rBV3	530	731	0.07%	0.007%
52	6.850	1940	1947	1948	rBV3	826	909	0.08%	0.009%
53	7.027	1997	2002	2003	rBV	235	186	0.02%	0.002%
54	7.098	2017	2024	2026	rBV2	271	292	0.03%	0.003%
55	7.114	2026	2029	2032	rVB2	383	184	0.02%	0.002%
56	7.172	2043	2047	2052	rBV2	329	306	0.03%	0.003%
57	7.230	2052	2065	2087	rBV	143435	258341	24.14%	2.519%
58	7.461	2129	2137	2138	rBV2	709	576	0.05%	0.006%
59	7.571	2152	2171	2187	rBV	508860	876788	81.92%	8.551%
60	7.850	2247	2258	2281	rBV2	101342	174102	16.27%	1.698%
61	8.014	2306	2309	2312	rBV2	321	241	0.02%	0.002%
62	8.082	2328	2330	2333	rBV2	235	183	0.02%	0.002%
63	8.111	2336	2339	2341	rBV	409	227	0.02%	0.002%
64	8.178	2349	2360	2361	rBV4	9303	10120	0.95%	0.099%
65	8.313	2391	2402	2430	rVB	287187	492946	46.06%	4.807%
66	8.593	2485	2489	2493	rBV3	812	681	0.06%	0.007%
67	8.757	2538	2540	2544	rVB2	289	213	0.02%	0.002%
68	8.780	2544	2547	2550	rBV2	479	323	0.03%	0.003%
69	8.860	2568	2572	2575	rBV2	429	278	0.03%	0.003%
70	8.876	2575	2577	2581	rVB2	400	237	0.02%	0.002%
71	9.091	2631	2644	2667	rBV	552481	908614	84.89%	8.861%

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Instrument : MSVOA_U
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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

72	9.255	2689	2695	2703	rVB3	1381	1916	0.18%	0.019%
73	9.378	2726	2733	2742	rBV5	2226	3830	0.36%	0.037%
74	9.439	2750	2752	2757	rVB2	311	201	0.02%	0.002%
75	9.464	2757	2760	2763	rBV	213	178	0.02%	0.002%
76	9.789	2853	2861	2869	rVV8	2823	4350	0.41%	0.042%
77	9.902	2894	2896	2898	rVB2	430	185	0.02%	0.002%
78	9.947	2908	2910	2914	rBV	258	170	0.02%	0.002%
79	10.017	2930	2932	2937	rVB3	412	261	0.02%	0.003%
80	10.040	2937	2939	2941	rBV	371	182	0.02%	0.002%
81	10.140	2967	2970	2972	rBV2	227	163	0.02%	0.002%
82	10.165	2974	2978	2987	rVB3	1700	2304	0.22%	0.022%
83	10.320	3022	3026	3029	rBV2	226	238	0.02%	0.002%
84	10.435	3048	3062	3079	rBV	339995	538531	50.32%	5.252%
85	10.615	3107	3118	3120	rBV4	3077	4447	0.42%	0.043%
86	10.837	3185	3187	3190	rBV2	273	162	0.02%	0.002%
87	11.233	3306	3310	3314	rBV3	491	408	0.04%	0.004%
88	11.259	3315	3318	3321	rBV2	440	344	0.03%	0.003%
89	11.374	3351	3354	3357	rBV2	443	329	0.03%	0.003%
90	11.423	3362	3369	3377	rVB6	3231	4682	0.44%	0.046%
91	11.487	3377	3389	3407	rBV	584424	930708	86.96%	9.077%
92	11.863	3493	3506	3521	rBV	545579	877749	82.01%	8.560%
93	12.091	3574	3577	3579	rBV	361	143	0.01%	0.001%
94	12.429	3679	3682	3685	rBV2	365	265	0.02%	0.003%
95	12.892	3821	3826	3836	rVB6	4952	6790	0.63%	0.066%
96	13.040	3871	3872	3876	rVB2	605	220	0.02%	0.002%
97	13.506	4011	4017	4027	rVB4	6270	8877	0.83%	0.087%
98	13.750	4084	4093	4107	rBV	11512	19881	1.86%	0.194%
99	13.992	4162	4168	4179	rVB5	6783	11136	1.04%	0.109%
100	15.750	4704	4715	4745	rBV	621592	958483	89.55%	9.348%

Sum of corrected areas: 10253797

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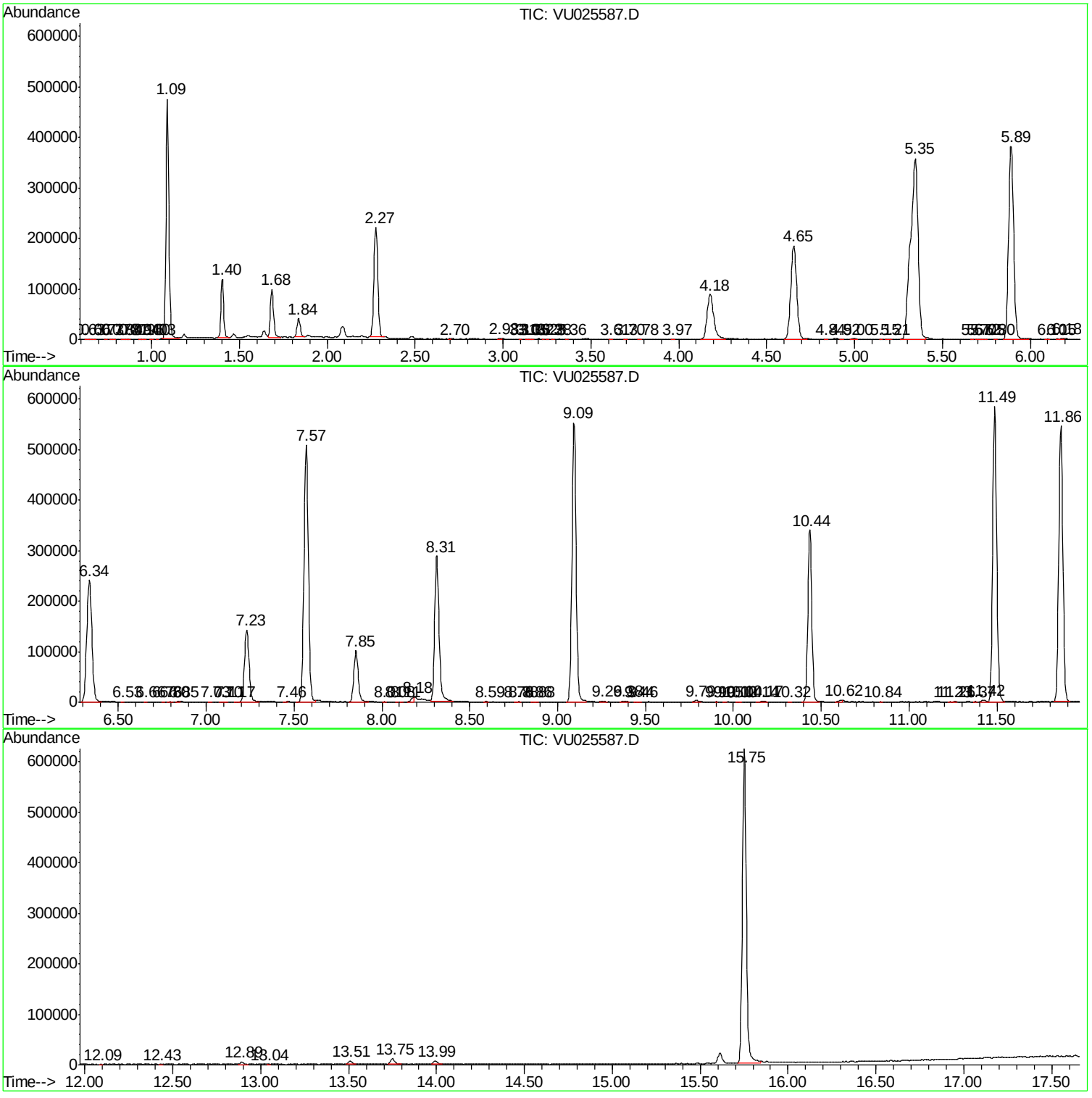
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis

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



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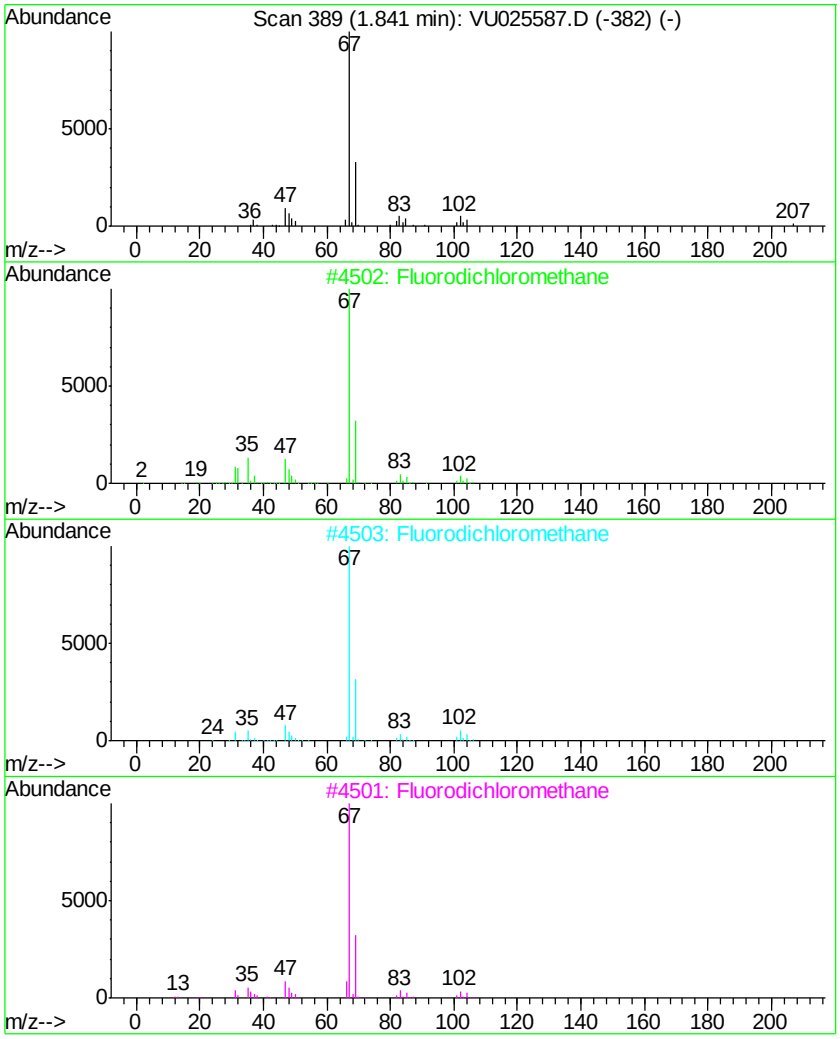
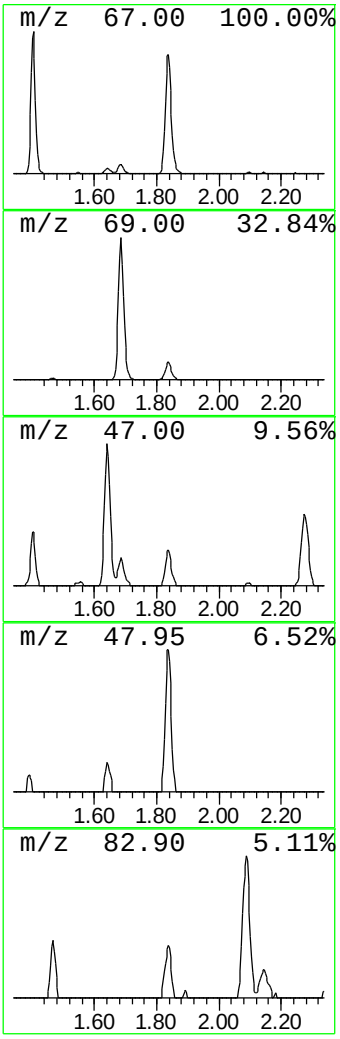
****

Peak Number 2 Fluorodichloromethane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.84	3.08 ug/L	46220	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorodichloromethane	102	CHCl2F	000075-43-4	94
2	Fluorodichloromethane	102	CHCl2F	000075-43-4	91
3	Fluorodichloromethane	102	CHCl2F	000075-43-4	91
4	Methane, bromochlorofluoro-	146	CHBrClF	000593-98-6	9
5	Ethane, 1,2-dichloro-1,1,2-trifl...	152	C2HCl2F3	000354-23-4	9





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

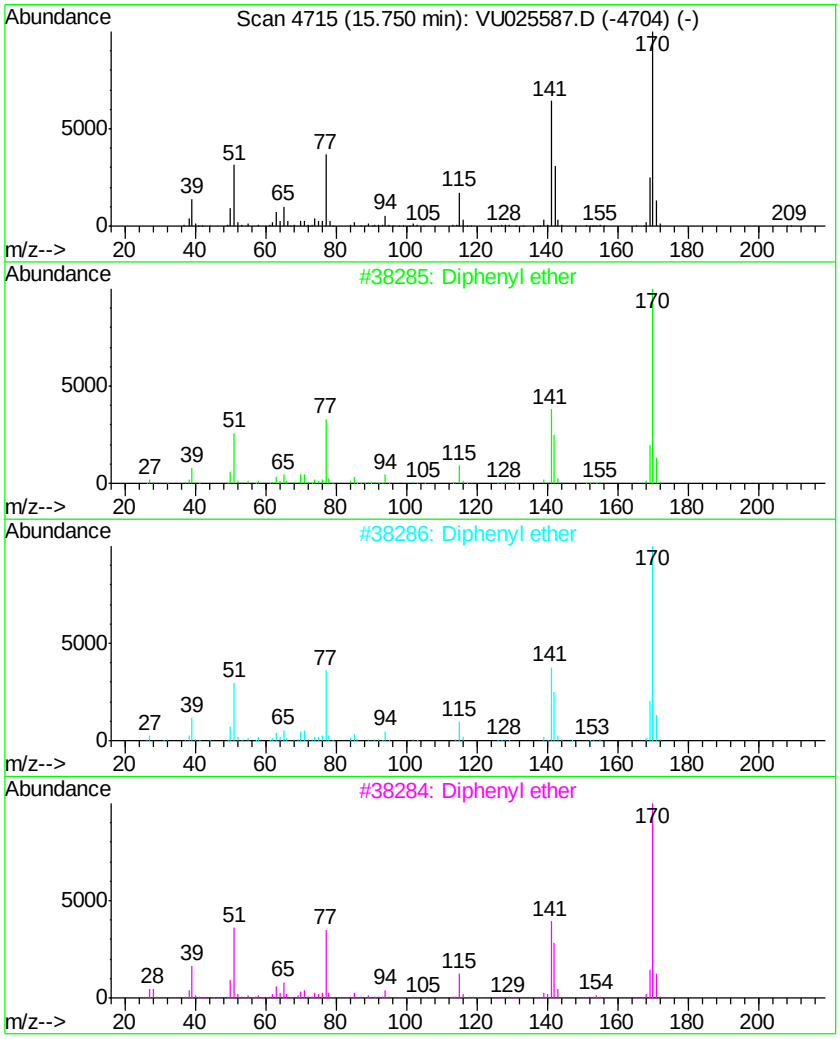
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

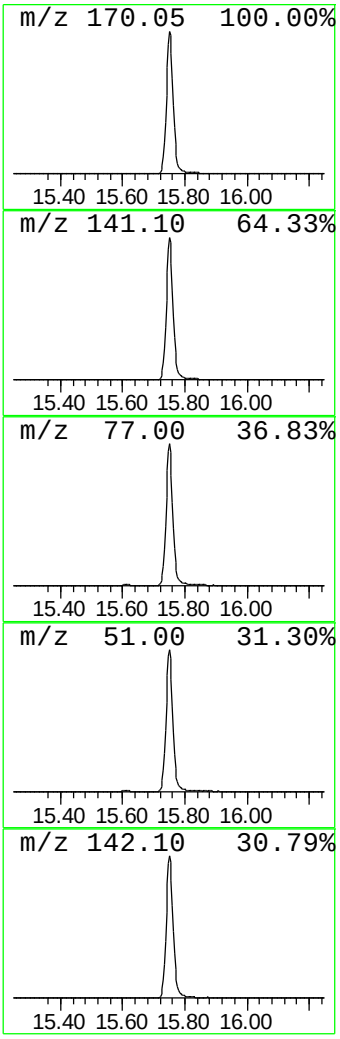
****

Peak Number 4 Diphenyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	51.49 ug/L	958483	1,4-Dichlorobenzene-d4	11.49

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	90
3	Diphenyl ether	170	C12H10O	000101-84-8	87
4	Spiro[cyclopropane-1,1'(4'H)-nap...	170	C12H10O	033498-24-7	81
5	2-Troponyl difluoroborate	170	C7H5BF2O2	022502-10-9	47





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Fluorodichloromet...	1.84	3.1	ug/L	46220	1	5.89	751101	50.0
Diphenyl ether	15.75	51.5	ug/L	958483	3	11.49	930708	50.0