LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102618\
Data File : VU027837.D
Acq On : 26 Oct 2018 16:38
Operator : MD/SY
Sample : J5668-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBS1

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\SOMULM102218WMA.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	1.398	64	70	81	rBV	43686	45676	11.98%	1.346%
2	1.681	151	158	173	rVB	35137	46362	12.16%	1.366%
3	2.276	332	343	352	rBV	72555	109724	28.77%	3.234%
4	2.443	385	395	413	rVB	15043	26049	6.83%	0.768%
5	2.514	413	417	419	rBV2	202	210	0.06%	0.006%
6	2.620	447	450	452	rBV2	222	179	0.05%	0.005%
7	2.836	513	517	522	rVB2	343	382	0.10%	0.011%
8	2.977	558	561	567	rVB	142	142	0.04%	0.004%
9	3.186	621	626	633	rVB3	398	520	0.14%	0.015%
10	3.312	662	665	670	rVB	148	122	0.03%	0.004%
11	3.781	808	811	815	rVB	175	170	0.04%	0.005%
12	3.813	815	821	825	rBV	210	328	0.09%	0.010%
13	4.016	880	884	892	rBV	103	134	0.04%	0.004%
14	4.180	921	935	962	rBV	43731	116971	30.67%	3.447%
15	4.649	1065	1081	1104	rBV	62989	147726	38.73%	4.354%
16	5.038	1200	1202	1205	rVB	159	108	0.03%	0.003%
17	5.186	1244	1248	1252	rBB	176	194	0.05%	0.006%
18	5.215	1253	1257	1260	rBV	201	221	0.06%	0.007%
19	5.344	1273	1297	1317	rBV2	128554	381395	100.00%	11.240%
20	5.482	1337	1340	1341	rBV2	282	182	0.05%	0.005%
21	5.633	1383	1387	1392	rBV	217	271	0.07%	0.008%
22	5.694	1402	1406	1409	rBB	157	158	0.04%	0.005%
23	5.720	1412	1414	1419	rBV	147	170	0.04%	0.005%
24	5.887	1453	1466	1495	rVV	150645	294853	77.31%	8.690%
25	6.331	1590	1604	1624	rBV	89899	180668	47.37%	5.325%
26	6.492	1648	1654	1658	rBV	174	269	0.07%	0.008%
27	6.617	1689	1693	1695	rBV	179	163	0.04%	0.005%
28	6.662	1704	1707	1709	rBV	144	118	0.03%	0.003%
29	6.678	1709	1712	1715	rVB	153	129	0.03%	0.004%
30	6.704	1716	1720	1722	rBV	137	115	0.03%	0.003%
31	6.794	1746	1748	1752	rBV	156	153	0.04%	0.005%
32	6.826	1753	1758	1762	rVV2	284	296	0.08%	0.009%
33	6.861	1762	1769	1779	rVV3	1101	1919	0.50%	0.057%
34	7.003	1810	1813	1815	rBV	153	134	0.04%	0.004%

LSC Area Percent Report

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Sample : J5668-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBS1

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\SOMULM102218WMA.M
Title : VOC Analysis

35	7.035	1820	1823	1827	rVB	182	180	0.05%	0.005%
36	7.176	1862	1867	1869	rBV	199	225	0.06%	0.007%
37	7.228	1872	1883	1906	rVV	49140	89237	23.40%	2.630%
38	7.389	1926	1933	1944	rVB6	1311	2254	0.59%	0.066%
39	7.565	1976	1988	2009	rBV	164771	285351	74.82%	8.410%
40	7.678	2020	2023	2025	rBV	245	167	0.04%	0.005%
41	7.691	2025	2027	2031	rVV	232	164	0.04%	0.005%
42	7.720	2033	2036	2038	rBV	156	129	0.03%	0.004%
43	7.774	2049	2053	2057	rBV	184	225	0.06%	0.007%
44	7.852	2066	2077	2092	rBV	35555	59114	15.50%	1.742%
45	7.964	2106	2112	2116	rBV2	244	347	0.09%	0.010%
46	8.016	2124	2128	2131	rVB2	231	198	0.05%	0.006%
47	8.038	2133	2135	2139	rVB	258	196	0.05%	0.006%
48	8.070	2140	2145	2148	rBV2	292	279	0.07%	0.008%
49	8.183	2165	2180	2191	rBV2	28016	65357	17.14%	1.926%
50	8.311	2211	2220	2246	rVB	149118	263329	69.04%	7.761%
51	8.469	2267	2269	2270	rBV2	327	176	0.05%	0.005%
52	8.501	2277	2279	2282	rVB2	194	116	0.03%	0.003%
53	8.559	2292	2297	2300	rVB	173	206	0.05%	0.006%
54	8.581	2301	2304	2306	rBV	212	171	0.04%	0.005%
55	9.089	2450	2462	2480	rBV	220253	356635	93.51%	10.511%
56	9.199	2495	2496	2499	rVB2	254	117	0.03%	0.003%
57	9.225	2502	2504	2510	rBV2	220	162	0.04%	0.005%
58	9.389	2553	2555	2558	rVB	291	137	0.04%	0.004%
59	9.411	2559	2562	2566	rVB2	176	135	0.04%	0.004%
60	9.437	2566	2570	2572	rBV2	175	135	0.04%	0.004%
61	9.482	2578	2584	2587	rBV2	257	288	0.08%	0.008%
62	9.498	2587	2589	2596	rVV3	197	197	0.05%	0.006%
63	9.552	2603	2606	2609	rBV	168	161	0.04%	0.005%
64	9.646	2630	2635	2638	rBV3	313	217	0.06%	0.006%
65	9.678	2642	2645	2648	rVB2	216	135	0.04%	0.004%
66	9.720	2654	2658	2660	rVB	223	179	0.05%	0.005%
67	9.771	2670	2674	2677	rBV	200	171	0.04%	0.005%
68	9.790	2678	2680	2685	rVB2	289	237	0.06%	0.007%
69	10.298	2836	2838	2846	rVB	138	130	0.03%	0.004%
70	10.433	2868	2880	2896	rVB	122851	193159	50.65%	5.693%
71	10.614	2924	2936	2955	rBV2	13997	27629	7.24%	0.814%

LSC Area Percent Report

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Acq On : 26 Oct 2018 16:38
Operator : MD/SY
Sample : J5668-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBS1

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\SOMULM102218WMA.M
Title : VOC Analysis

72	10.723	2965	2970	2972	rBV2	155	155	0.04%	0.005%
73	10.874	3010	3017	3024	rVV	732	1072	0.28%	0.032%
74	11.485	3195	3207	3225	rBV	205167	320870	84.13%	9.457%
75	11.610	3243	3246	3251	rBV2	127	109	0.03%	0.003%
76	11.752	3285	3290	3302	rVB3	737	1045	0.27%	0.031%
77	11.800	3302	3305	3310	rBV2	205	148	0.04%	0.004%
78	11.861	3311	3324	3338	rBV	163255	257625	67.55%	7.593%
79	12.121	3402	3405	3409	rBV	129	122	0.03%	0.004%
80	12.183	3418	3424	3425	rBV4	1124	984	0.26%	0.029%
81	12.559	3538	3541	3544	rBV2	203	116	0.03%	0.003%
82	12.681	3577	3579	3583	rVB2	172	122	0.03%	0.004%
83	13.121	3714	3716	3720	rVB	192	115	0.03%	0.003%
84	13.218	3744	3746	3748	rBV	258	135	0.04%	0.004%
85	13.273	3760	3763	3769	rVB2	200	222	0.06%	0.007%
86	13.498	3830	3833	3837	rVB	243	171	0.04%	0.005%
87	13.964	3974	3978	3982	rBV2	211	184	0.05%	0.005%
88	14.115	4023	4025	4028	rVB2	217	129	0.03%	0.004%
89	14.134	4029	4031	4037	rVB2	248	211	0.06%	0.006%
90	14.199	4049	4051	4053	rBV2	351	206	0.05%	0.006%
91	14.279	4067	4076	4088	rVB	11102	18926	4.96%	0.558%
92	14.350	4094	4098	4101	rBV3	418	365	0.10%	0.011%
93	14.404	4112	4115	4118	rBV	206	168	0.04%	0.005%
94	14.604	4150	4177	4201	rBV5	11621	51954	13.62%	1.531%
95	14.800	4235	4238	4240	rBV2	280	201	0.05%	0.006%
96	14.893	4264	4267	4275	rBV2	202	298	0.08%	0.009%
97	15.668	4504	4508	4509	rBV2	1000	701	0.18%	0.021%
98	15.880	4565	4574	4586	rBV2	5712	9181	2.41%	0.271%
99	16.459	4741	4754	4764	rBV6	8741	23821	6.25%	0.702%
100	16.620	4801	4804	4805	rBV2	467	283	0.07%	0.008%

Sum of corrected areas: 3393095

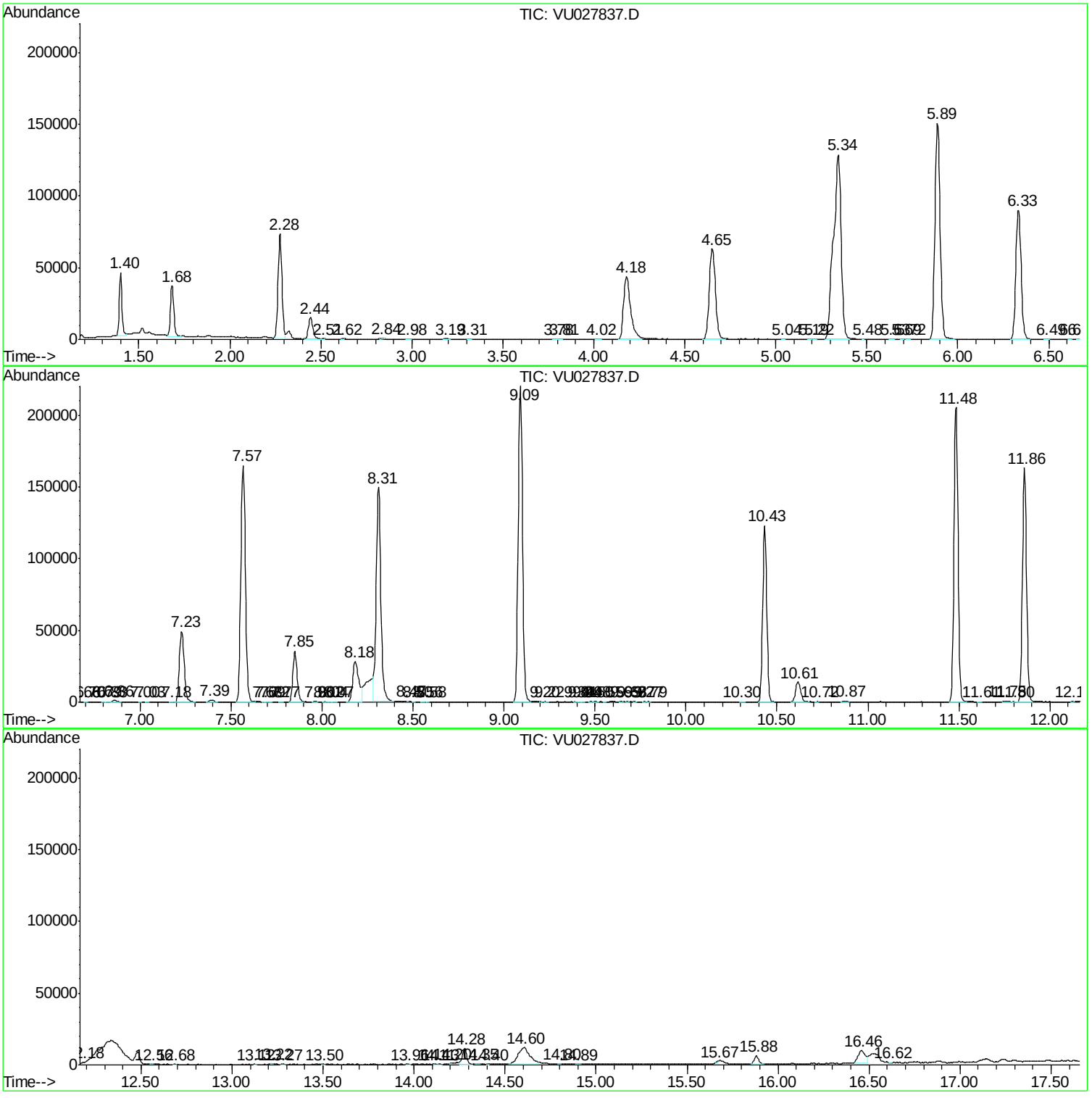
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102618\
Data File : VU027837.D
Acq On : 26 Oct 2018 16:38
Operator : MD/SY
Sample : J5668-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBS1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102618\
Data File : VU027837.D
Acq On : 26 Oct 2018 16:38
Operator : MD/SY
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ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBS1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

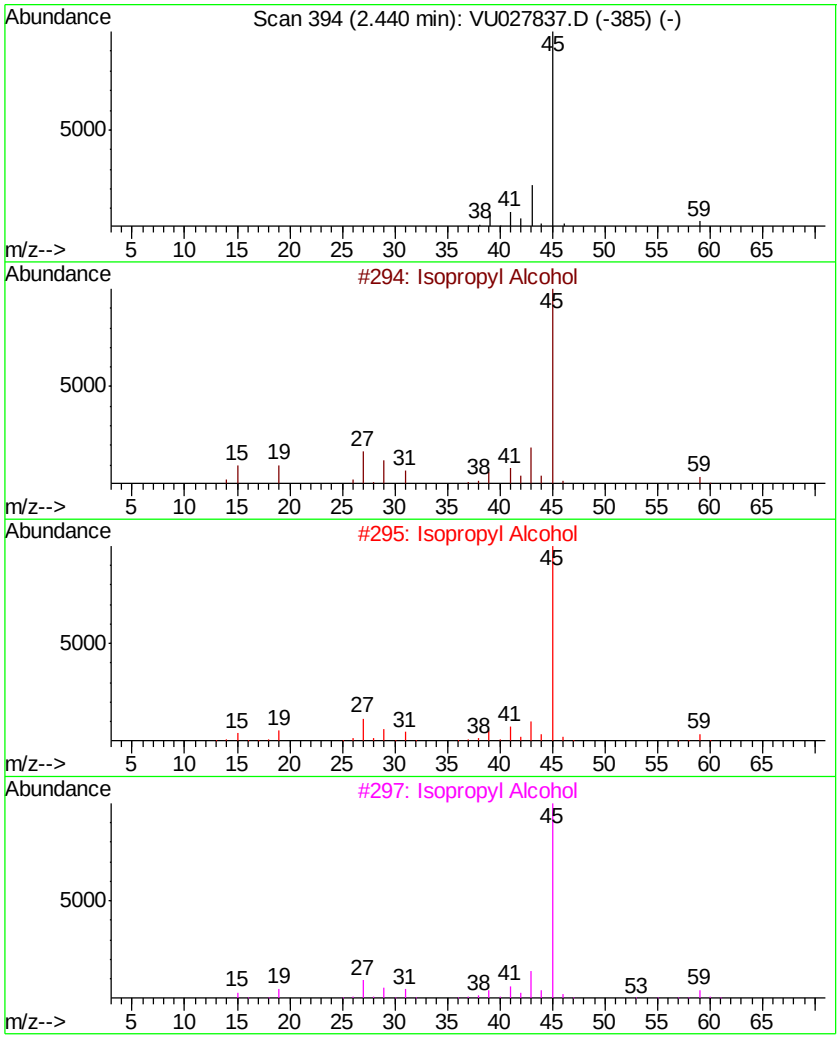
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

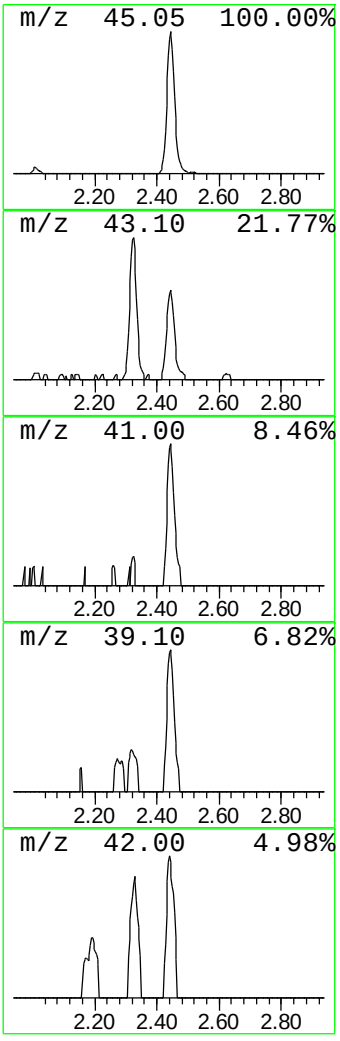
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	4.42 ug/L	26049	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	4-Penten-2-ol	86	C5H10O	000625-31-0	9
5	Formamide	45	CH3NO	000075-12-7	5





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102618\
Data File : VU027837.D
Acq On : 26 Oct 2018 16:38
Operator : MD/SY
Sample : J5668-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBS1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

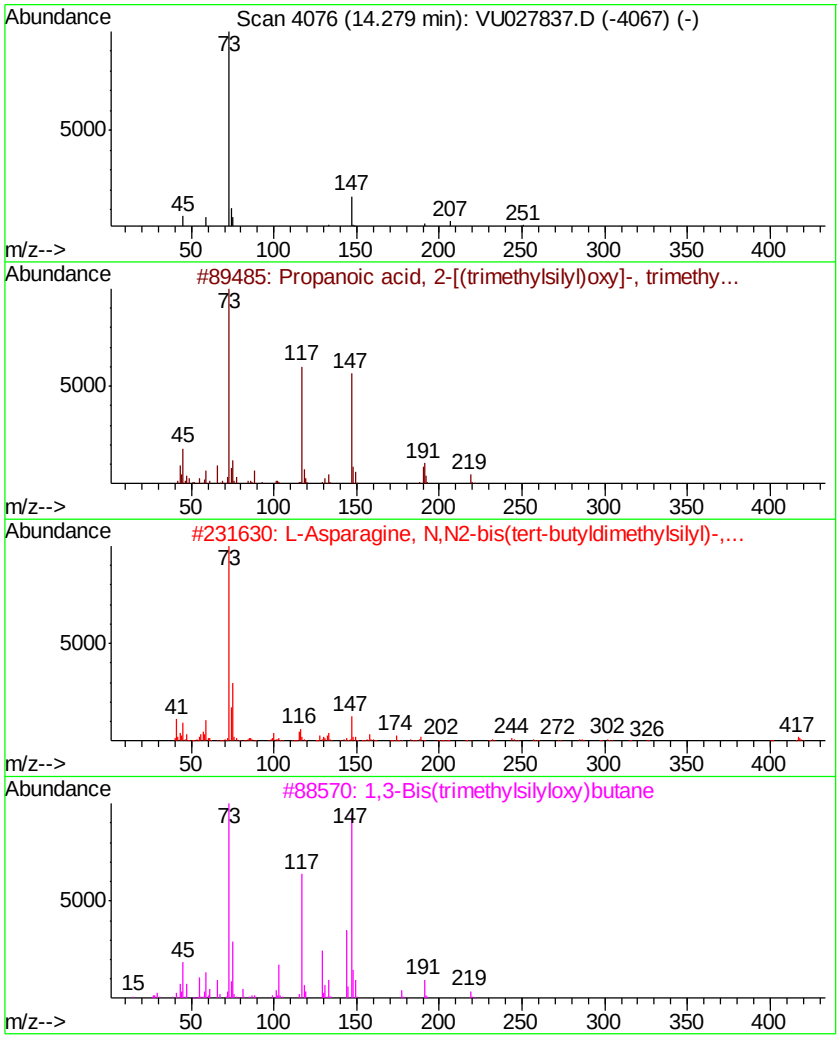
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

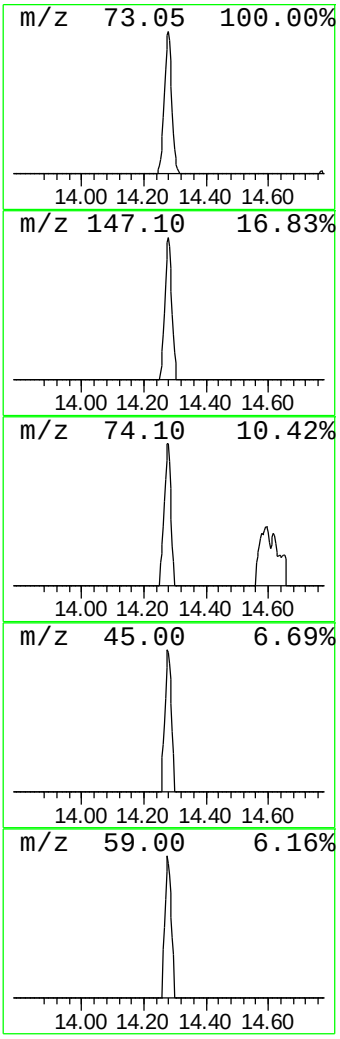
****

Peak Number 5 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	2.95 ug/L	18926	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-[(trimethylsil...	234	C9H22O3Si2	017596-96-2	28
2	L-Asparagine, N,N2-bis(tert-butv...	474	C22H50N2O3Si3	096381-41-8	9
3	1,3-Bis(trimethylsilyloxy)butane	234	C10H26O2Si2	056771-47-2	9
4	Inosose, 2-desoxy-, O-methyloxim...	479	C19H45NO5Si4	1000149-50-8	9
5	3-Oxa-6-thia-2,7-disilaoctane, 2...	222	C8H22OSSi2	078921-31-0	9





Library Search Compound Report

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Acq On : 26 Oct 2018 16:38
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ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId : ETBS1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

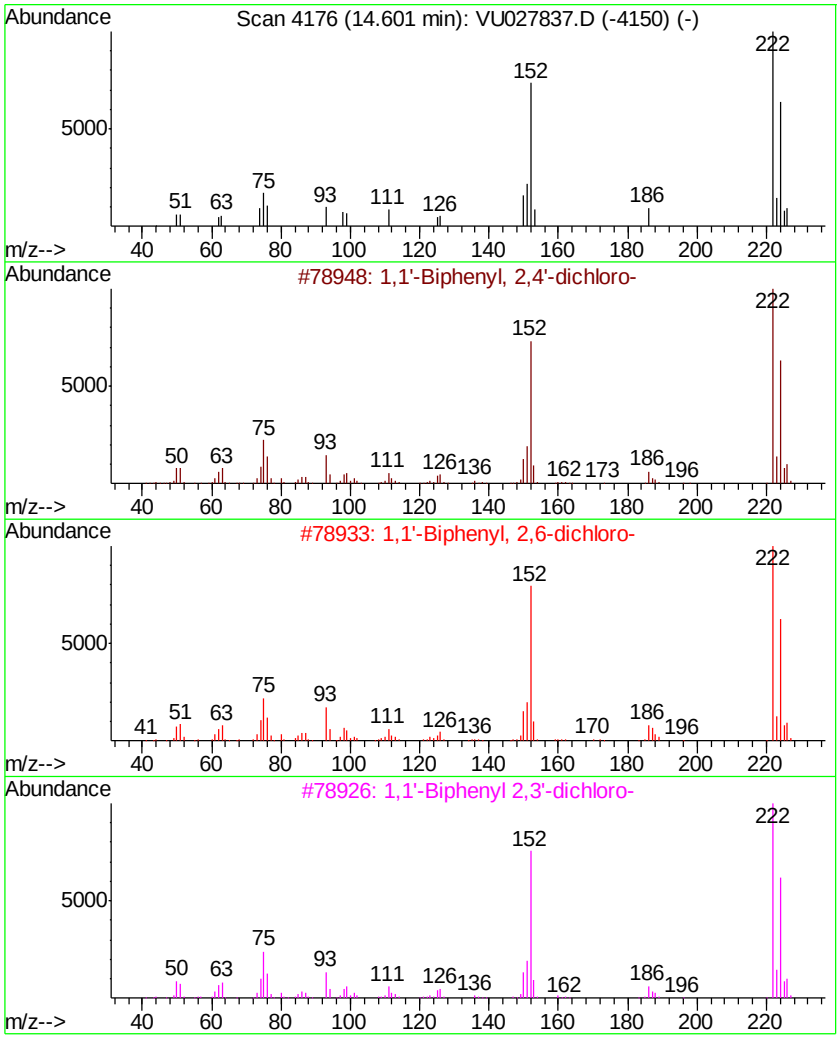
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

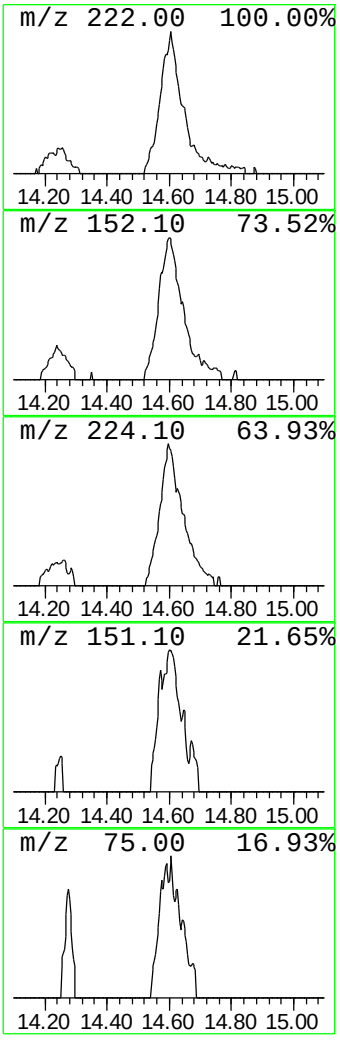
****

Peak Number 6 1,1'-Biphenyl, 2,4'-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	8.10 ug/L	51954	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	99
2	1,1'-Biphenyl, 2,6-dichloro-	222	C12H8Cl2	033146-45-1	99
3	1,1'-Biphenyl 2,3'-dichloro-	222	C12H8Cl2	025569-80-6	99
4	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	99
5	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	99





Library Search Compound Report

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Acq On : 26 Oct 2018 16:38
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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBS1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

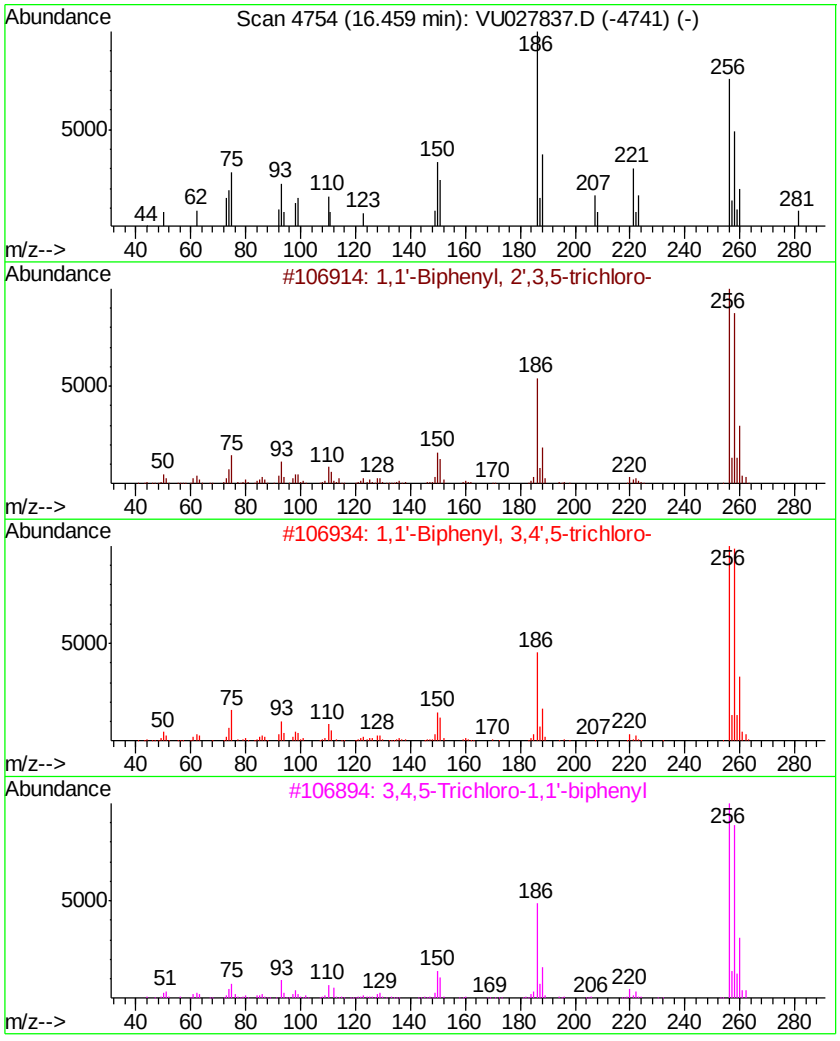
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

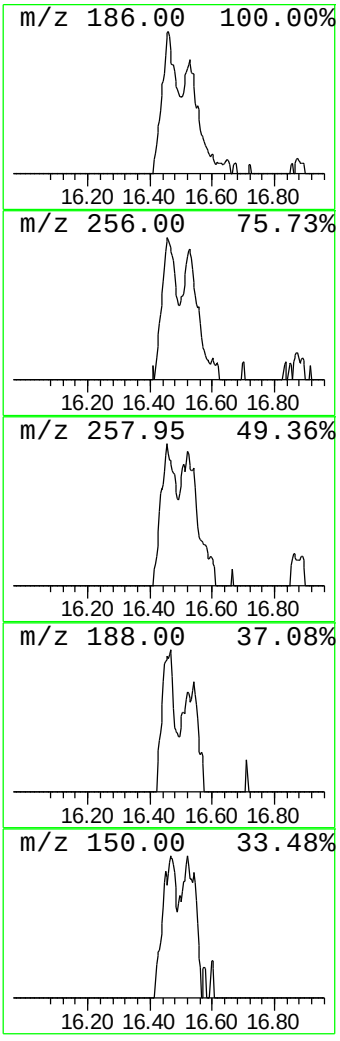
****

Peak Number 7 1,1'-Biphenyl, 2',3,5-trich... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	3.71 ug/L	23821	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	96
2	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	96
3	3,4,5-Trichloro-1,1'-biphenyl	256	C12H7Cl3	053555-66-1	96
4	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	96
5	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102618\
Data File : VU027837.D
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ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBS1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isopropyl Alcohol	2.44	4.4	ug/L	26049	1	5.89	294853	50.0
unknown-01	14.28	3.0	ug/L	18926	3	11.48	320870	50.0
1,1'-Biphenyl, 2,...	14.60	8.1	ug/L	51954	3	11.48	320870	50.0
1,1'-Biphenyl, 2'...	16.46	3.7	ug/L	23821	3	11.48	320870	50.0