LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072318\
Data File : VU025614.D
Acq On : 23 Jul 2018 20:15
Operator : MD/SY
Sample : J4072-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JJ1T4

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	1.088	142	155	178	rBV	392114	436470	41.70%	3.171%
2	1.403	246	253	263	rBV	106525	108515	10.37%	0.788%
3	1.683	333	340	355	rVB	90969	113998	10.89%	0.828%
4	2.275	514	524	534	rBV	204193	309762	29.60%	2.251%
5	2.323	534	539	551	rVB	22602	34179	3.27%	0.248%
6	2.445	569	577	581	rBV3	4687	6141	0.59%	0.045%
7	2.619	623	631	648	rVB3	4629	8417	0.80%	0.061%
8	2.706	648	658	672	rVB2	11907	20830	1.99%	0.151%
9	2.760	672	675	679	rVB	625	420	0.04%	0.003%
10	2.937	727	730	738	rVV4	480	645	0.06%	0.005%
11	3.194	809	810	815	rVB	465	341	0.03%	0.002%
12	3.233	818	822	825	rVB2	406	382	0.04%	0.003%
13	3.255	825	829	830	rBV2	537	359	0.03%	0.003%
14	3.651	947	952	955	rBV2	379	325	0.03%	0.002%
15	4.027	1065	1069	1071	rBV2	418	330	0.03%	0.002%
16	4.104	1088	1093	1096	rBV4	449	417	0.04%	0.003%
17	4.178	1100	1116	1141	rBV2	105664	274337	26.21%	1.993%
18	4.435	1194	1196	1203	rVB3	555	458	0.04%	0.003%
19	4.654	1247	1264	1287	rVV	182418	426838	40.78%	3.101%
20	4.767	1295	1299	1305	rVB3	726	700	0.07%	0.005%
21	4.882	1327	1335	1340	rBV5	1017	1606	0.15%	0.012%
22	4.960	1353	1359	1361	rBV3	358	335	0.03%	0.002%
23	4.982	1362	1366	1368	rVV3	405	335	0.03%	0.002%
24	4.992	1368	1369	1374	rVB2	520	330	0.03%	0.002%
25	5.230	1440	1443	1449	rVB3	370	363	0.03%	0.003%
26	5.345	1453	1479	1512	rBV2	353746	1046589	100.00%	7.605%
27	5.551	1529	1543	1566	rBV2	96769	199584	19.07%	1.450%
28	5.892	1633	1649	1665	rBV	404990	812877	77.67%	5.906%
29	6.336	1773	1787	1803	rBV	239106	475944	45.48%	3.458%
30	6.538	1840	1850	1857	rBV2	3315	6813	0.65%	0.050%
31	6.709	1890	1903	1921	rBV	146643	260750	24.91%	1.895%
32	6.853	1938	1948	1955	rBV8	2365	4653	0.44%	0.034%
33	7.104	2023	2026	2029	rBV3	502	394	0.04%	0.003%
34	7.233	2051	2066	2086	rBV	141413	250429	23.93%	1.820%

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ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JJ1T4

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

35	7.422	2116	2125	2133	rBV3	6298	10662	1.02%	0.077%
36	7.570	2155	2171	2190	rBV	487575	854481	81.64%	6.209%
37	7.853	2247	2259	2278	rBV	103217	173902	16.62%	1.264%
38	8.059	2320	2323	2326	rBV2	417	321	0.03%	0.002%
39	8.188	2345	2363	2370	rBV5	9928	26624	2.54%	0.193%
40	8.313	2392	2402	2425	rVB	359447	606559	57.96%	4.407%
41	8.419	2425	2435	2449	rVB	71553	112225	10.72%	0.815%
42	8.528	2460	2469	2484	rVB2	20197	33990	3.25%	0.247%
43	8.908	2575	2587	2604	rVV	78968	120467	11.51%	0.875%
44	9.094	2629	2645	2666	rBV	562790	938045	89.63%	6.816%
45	9.252	2691	2694	2702	rVB4	1439	1629	0.16%	0.012%
46	9.287	2703	2705	2709	rVB2	489	317	0.03%	0.002%
47	9.336	2714	2720	2722	rBV3	750	667	0.06%	0.005%
48	9.371	2727	2731	2732	rBV2	560	450	0.04%	0.003%
49	9.741	2840	2846	2847	rBV2	415	406	0.04%	0.003%
50	9.766	2848	2854	2870	rVV9	1974	3956	0.38%	0.029%
51	10.168	2970	2979	2989	rBV	25432	39015	3.73%	0.283%
52	10.236	2996	3000	3007	rVB5	697	842	0.08%	0.006%
53	10.435	3049	3062	3078	rBV	355407	565878	54.07%	4.112%
54	10.593	3103	3111	3117	rBV	5428	8492	0.81%	0.062%
55	10.673	3133	3136	3141	rBV3	508	460	0.04%	0.003%
56	10.837	3182	3187	3191	rBV3	430	453	0.04%	0.003%
57	10.972	3222	3229	3238	rVB4	3181	4754	0.45%	0.035%
58	11.094	3263	3267	3268	rBV3	849	664	0.06%	0.005%
59	11.329	3331	3340	3347	rVB3	6445	9678	0.92%	0.070%
60	11.358	3347	3349	3352	rVB	705	320	0.03%	0.002%
61	11.413	3363	3366	3374	rBV8	800	855	0.08%	0.006%
62	11.487	3376	3389	3406	rBV	624370	968661	92.55%	7.038%
63	11.689	3446	3452	3464	rVB3	3612	5574	0.53%	0.041%
64	11.773	3470	3478	3482	rBV4	1893	2444	0.23%	0.018%
65	11.863	3493	3506	3526	rBV	546982	877818	83.87%	6.378%
66	11.956	3533	3535	3536	rBV	657	357	0.03%	0.003%
67	11.982	3536	3543	3553	rVB10	6297	10308	0.98%	0.075%
68	12.056	3559	3566	3577	rVB	8399	13547	1.29%	0.098%
69	12.149	3589	3595	3605	rVB4	5170	8623	0.82%	0.063%
70	12.358	3649	3660	3674	rBV	75716	127637	12.20%	0.927%
71	12.487	3693	3700	3703	rBV5	2246	3253	0.31%	0.024%

LSC Area Percent Report

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ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JJ1T4

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

72	12.551	3711	3720	3726	rBV7	7149	14086	1.35%	0.102%
73	12.599	3726	3735	3744	rVV	36429	62044	5.93%	0.451%
74	12.654	3746	3752	3760	rVV	25268	36463	3.48%	0.265%
75	12.718	3761	3772	3788	rVB4	26696	61944	5.92%	0.450%
76	12.792	3788	3795	3810	rVB3	10928	17099	1.63%	0.124%
77	12.882	3814	3823	3831	rBV2	7617	12062	1.15%	0.088%
78	13.001	3852	3860	3867	rBV3	8373	11529	1.10%	0.084%
79	13.120	3890	3897	3910	rVB	41237	62002	5.92%	0.451%
80	13.191	3913	3919	3930	rVB10	9525	15618	1.49%	0.113%
81	13.380	3974	3978	3979	rBV4	1764	1229	0.12%	0.009%
82	13.461	3995	4003	4010	rBV2	14753	22767	2.18%	0.165%
83	13.509	4011	4018	4026	rVB3	17967	26462	2.53%	0.192%
84	13.670	4063	4068	4075	rVB5	4704	5683	0.54%	0.041%
85	13.744	4077	4091	4116	rBV2	332250	731679	69.91%	5.316%
86	13.856	4118	4126	4135	rVV2	23916	43342	4.14%	0.315%
87	13.914	4136	4144	4153	rVV5	30985	53360	5.10%	0.388%
88	14.007	4167	4173	4184	rVB3	25359	38527	3.68%	0.280%
89	14.146	4209	4216	4222	rBV10	3602	5399	0.52%	0.039%
90	14.342	4267	4277	4287	rBV8	11144	25368	2.42%	0.184%
91	14.824	4418	4427	4436	rVB2	48830	78512	7.50%	0.570%
92	15.065	4491	4502	4518	rBV	418914	685913	65.54%	4.984%
93	15.609	4666	4671	4683	rVB	22514	34972	3.34%	0.254%
94	15.805	4725	4732	4736	rBV	12011	17162	1.64%	0.125%
95	15.914	4758	4766	4775	rBV2	34142	59345	5.67%	0.431%
96	16.062	4801	4812	4820	rBV	165542	268410	25.65%	1.950%
97	16.265	4867	4875	4876	rBV6	24910	26485	2.53%	0.192%
98	16.435	4921	4928	4940	rVB2	27065	40323	3.85%	0.293%
99	16.740	5012	5023	5038	rBV	551647	882683	84.34%	6.414%
100	17.043	5109	5117	5129	rVB	49306	83047	7.94%	0.603%

Sum of corrected areas: 13762715

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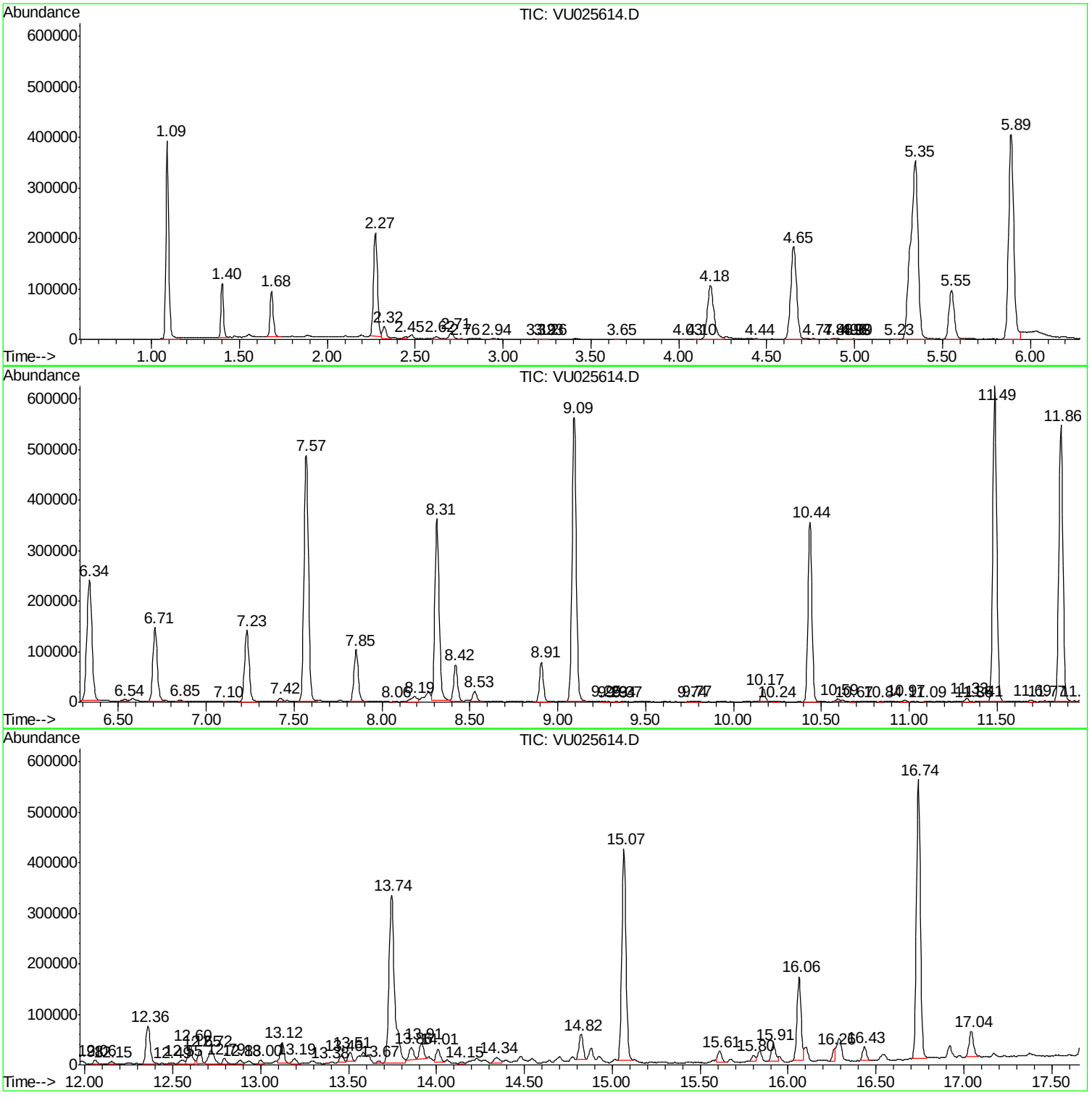
Sample : J4072-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JJ1T4

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



Library Search Compound Report

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

Instrument : MSVOA_U
ClientSampleId : JJ1T4

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

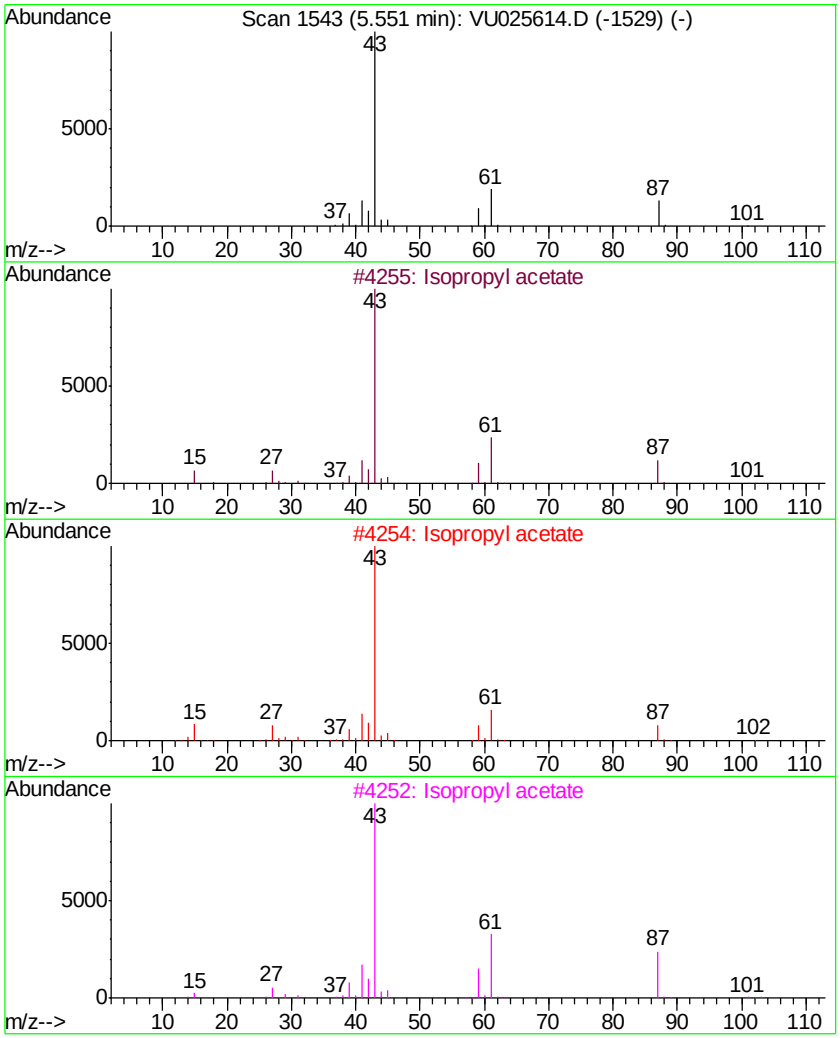
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

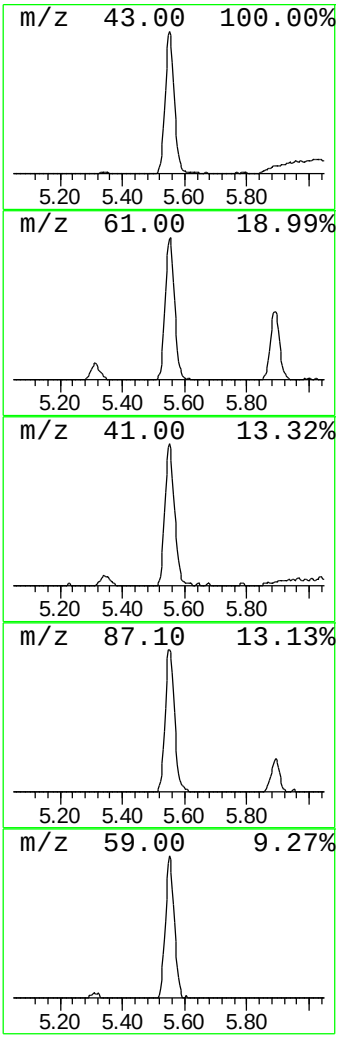
****

Peak Number 2 Isopropyl acetate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	12.28 ug/L	199584	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl acetate	102	C5H10O2	000108-21-4	83
2	Isopropyl acetate	102	C5H10O2	000108-21-4	78
3	Isopropyl acetate	102	C5H10O2	000108-21-4	59
4	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	25
5	Isopropyl acetate	102	C5H10O2	000108-21-4	9





Library Search Compound Report

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Data File : VU025614.D
Acq On : 23 Jul 2018 20:15
Operator : MD/SY
Sample : J4072-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JJ1T4

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

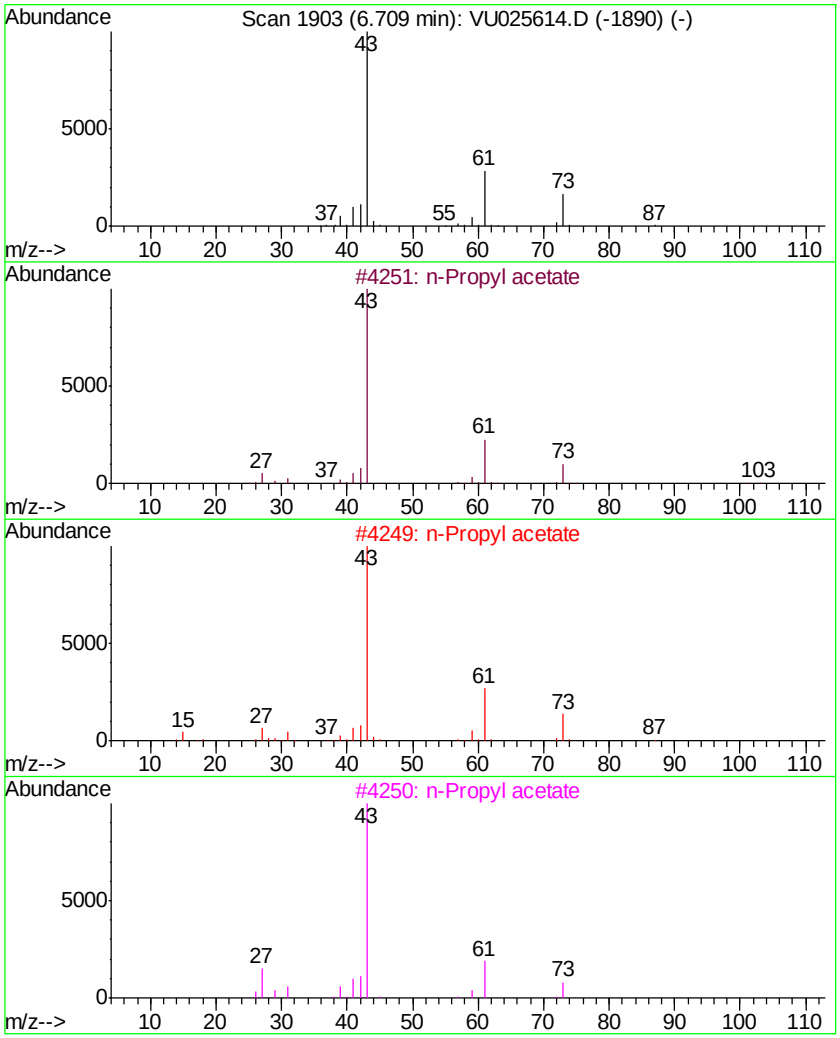
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

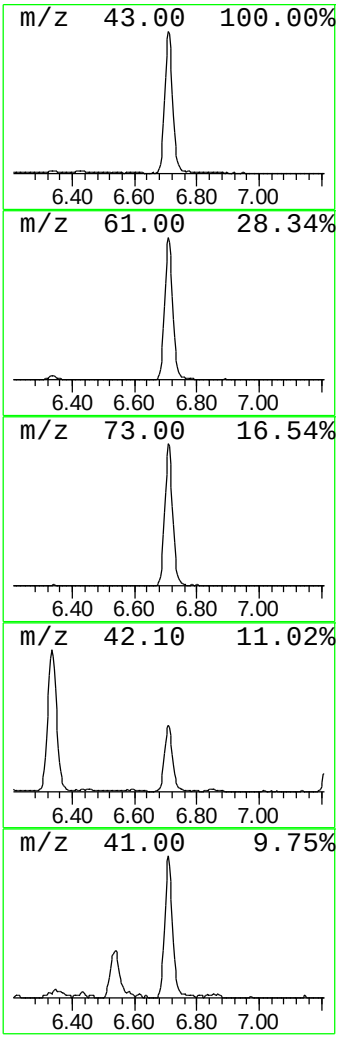
****

Peak Number 3 n-Propyl acetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	16.04 ug/L	260750	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2	n-Propyl acetate	102	C5H10O2	000109-60-4	78
3	n-Propyl acetate	102	C5H10O2	000109-60-4	45
4	Isopropyl acetate	102	C5H10O2	000108-21-4	36
5	Isobutylamine	73	C4H11N	000078-81-9	9





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ClientSampleId : JJ1T4

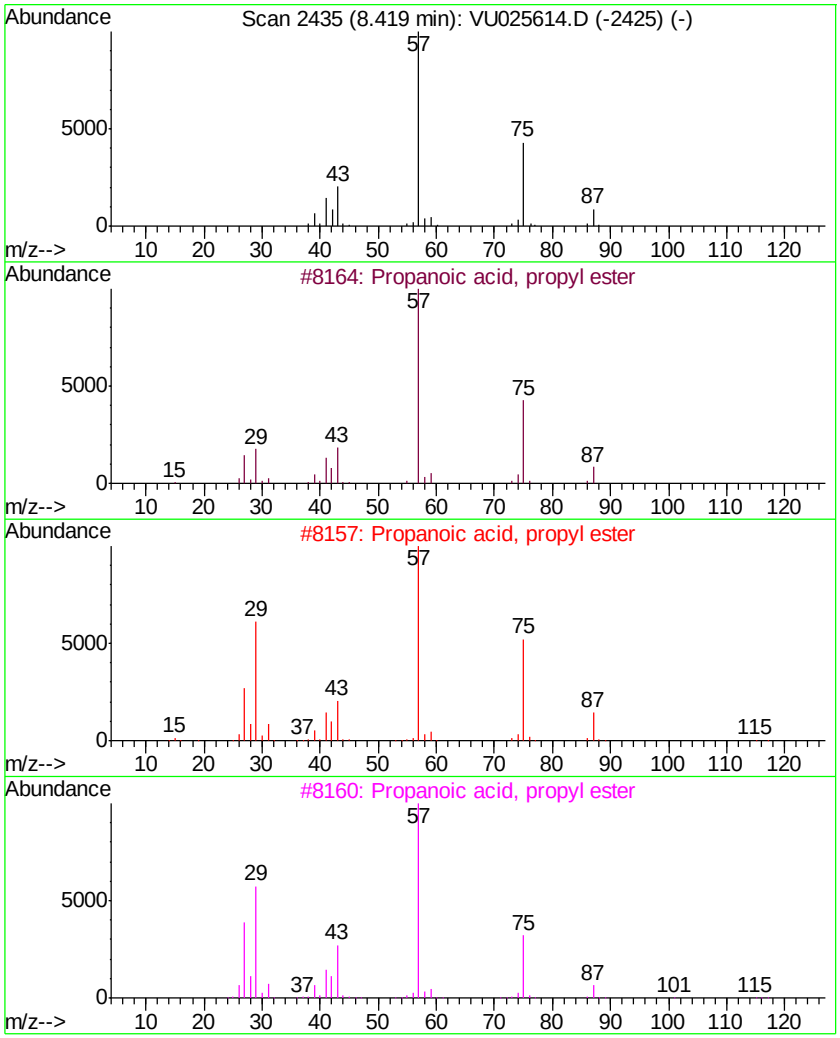
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis

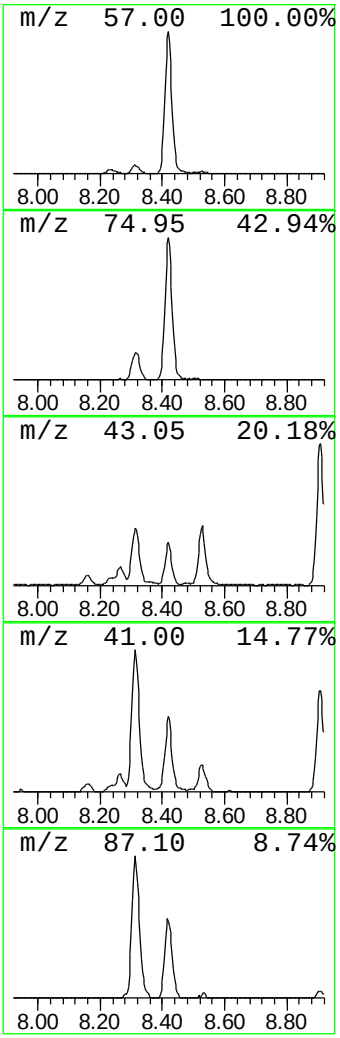
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Propanoic acid, propyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	5.98 ug/L	112225	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	39





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ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JJ1T4

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

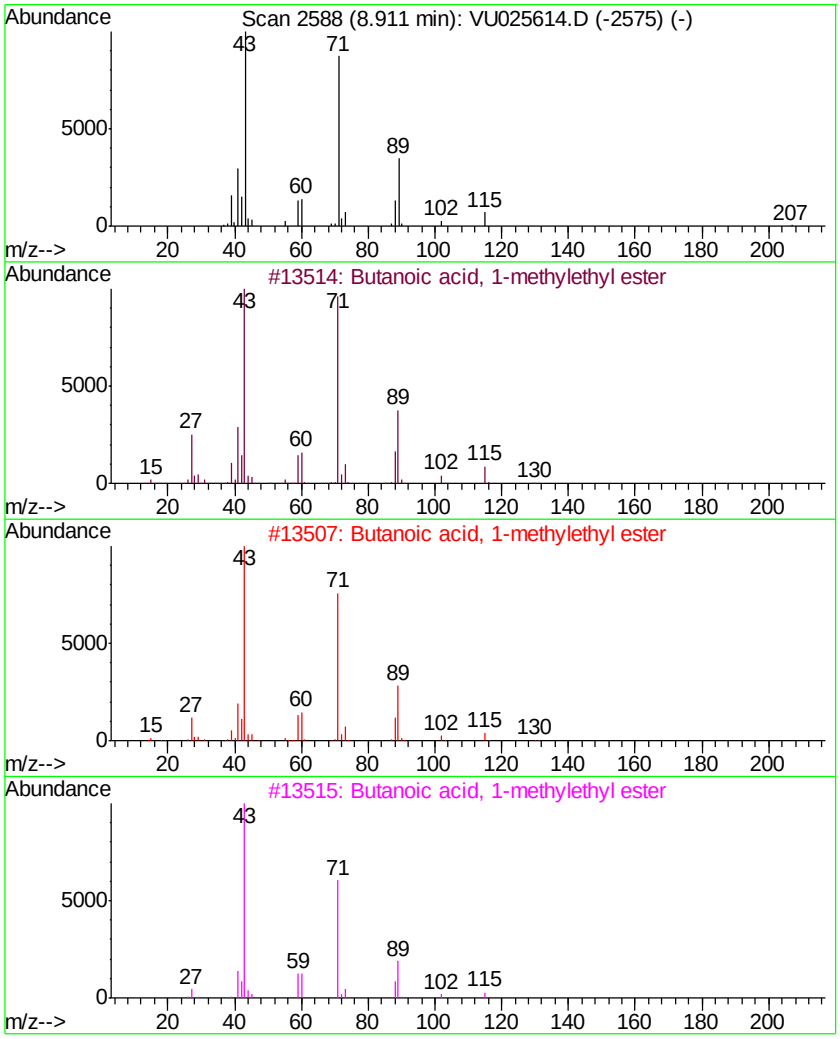
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

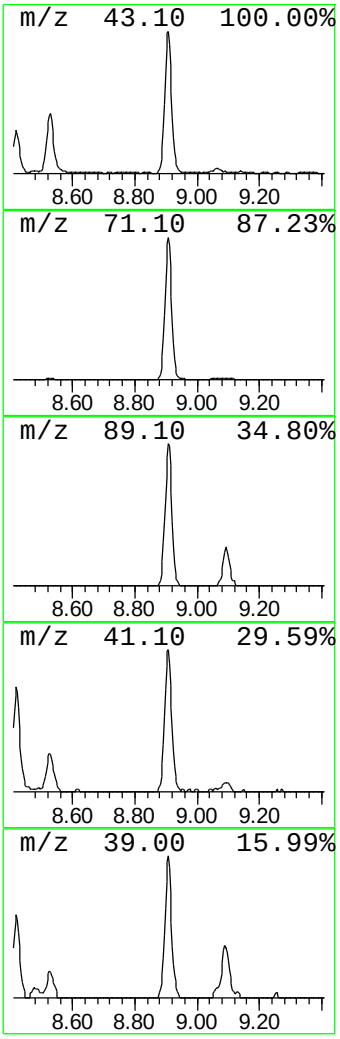
****

Peak Number 6 Butanoic acid, 1-methylethy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	6.42 ug/L	120467	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	91
2	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
3	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	78
4	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	72
5	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	72





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Acq On : 23 Jul 2018 20:15
Operator : MD/SY
Sample : J4072-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JJ1T4

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

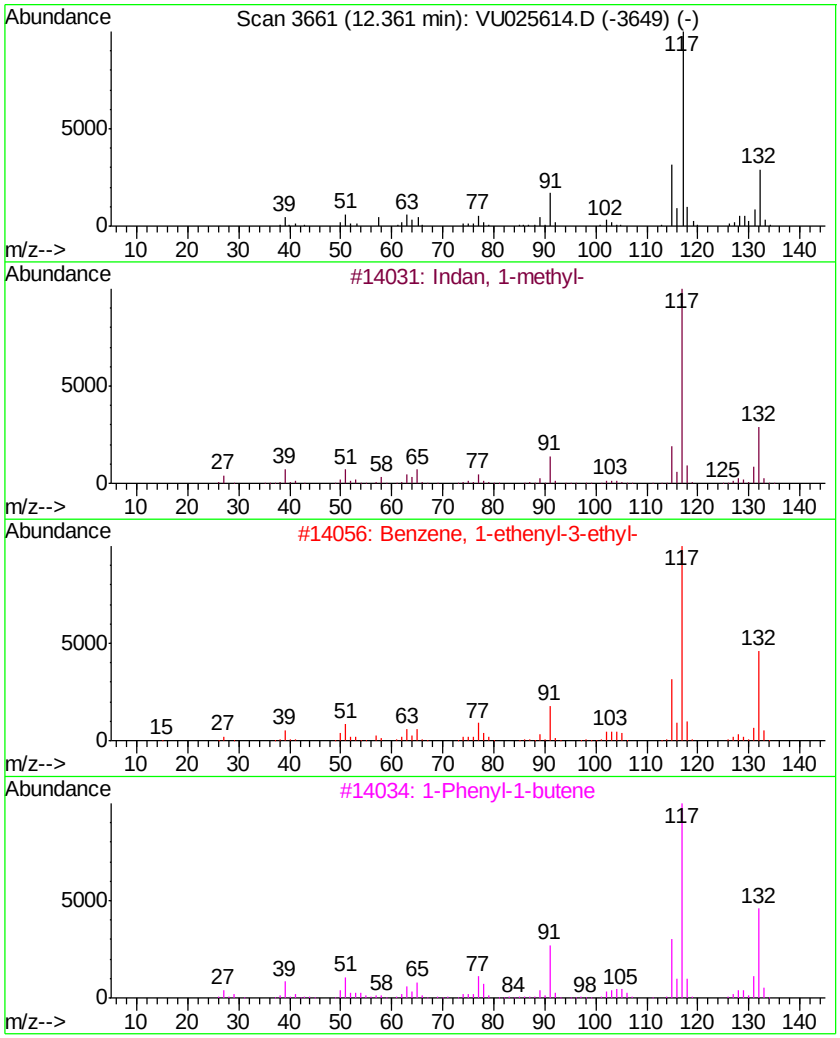
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

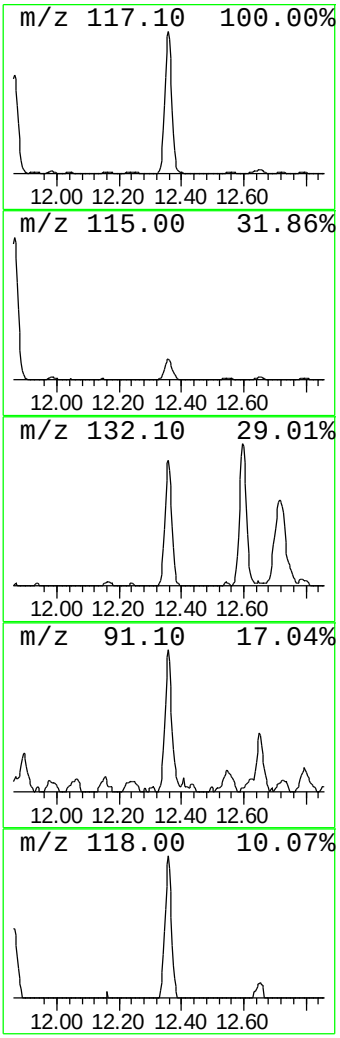
****

Peak Number 7 Indan, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	6.59 ug/L	127637	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	91
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
4	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072318\
Data File : VU025614.D
Acq On : 23 Jul 2018 20:15
Operator : MD/SY
Sample : J4072-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JJ1T4

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

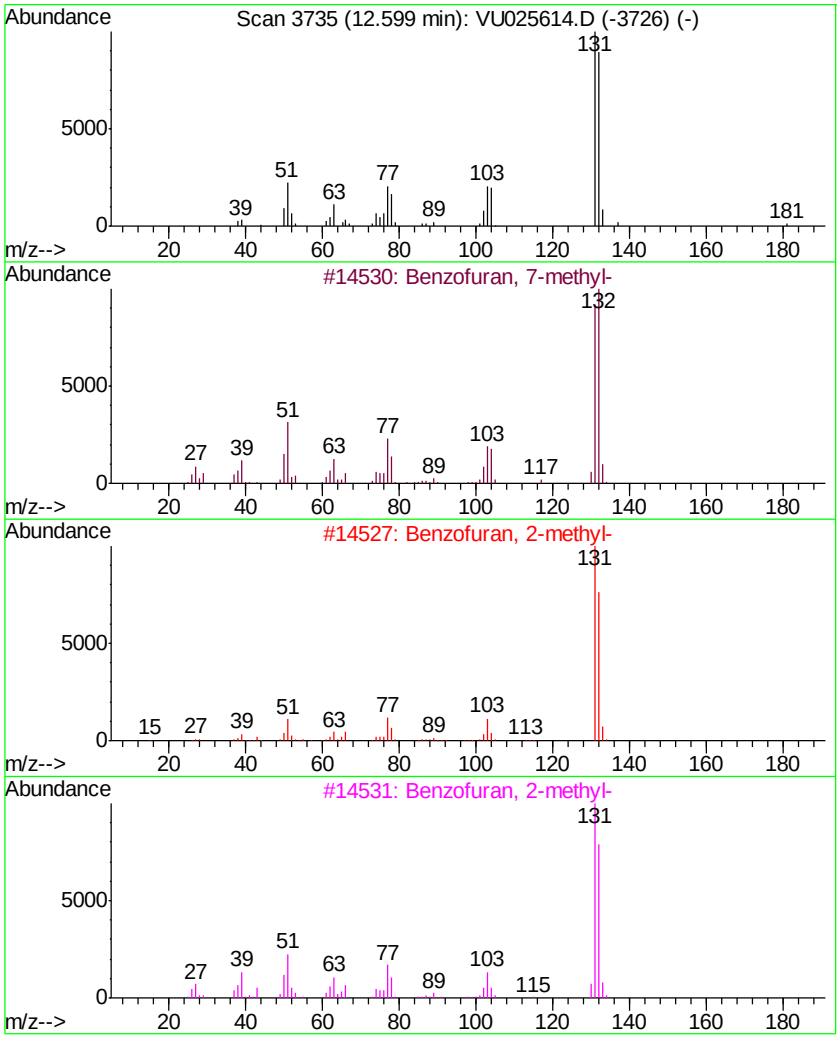
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

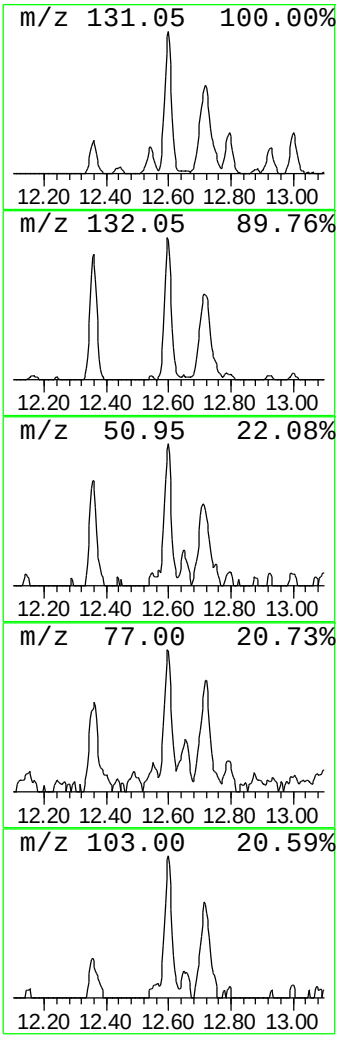
****

Peak Number 8 Benzofuran, 7-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	3.20 ug/L	62044	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91





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Acq On : 23 Jul 2018 20:15
Operator : MD/SY
Sample : J4072-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JJ1T4

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

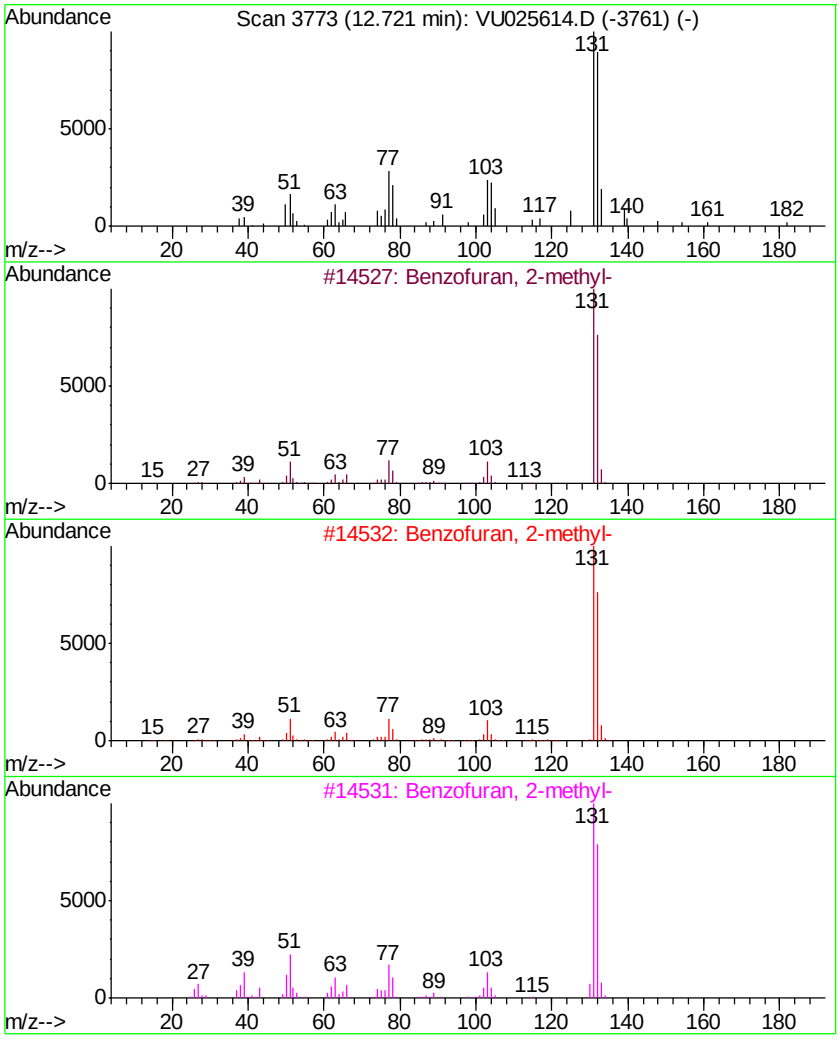
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

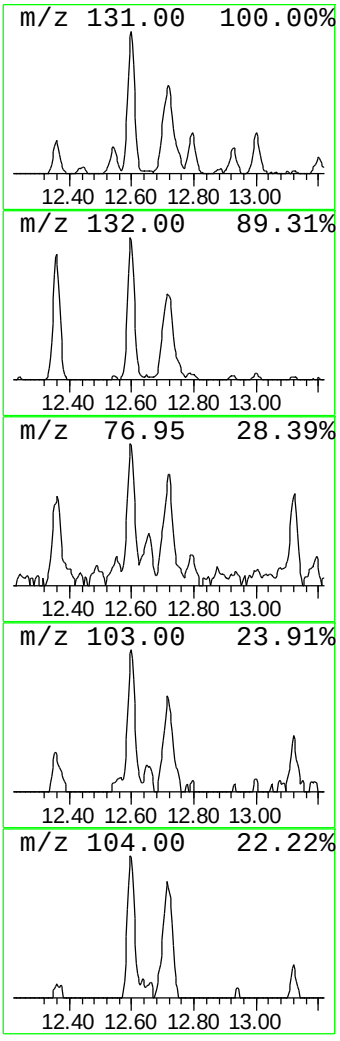
****

Peak Number 9 Benzofuran, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	3.20 ug/L	61944	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	81
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	81
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	81
4	Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	72
5	1H-Indenol	132	C9H8O	056631-57-3	68





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Data File : VU025614.D
Acq On : 23 Jul 2018 20:15
Operator : MD/SY
Sample : J4072-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JJ1T4

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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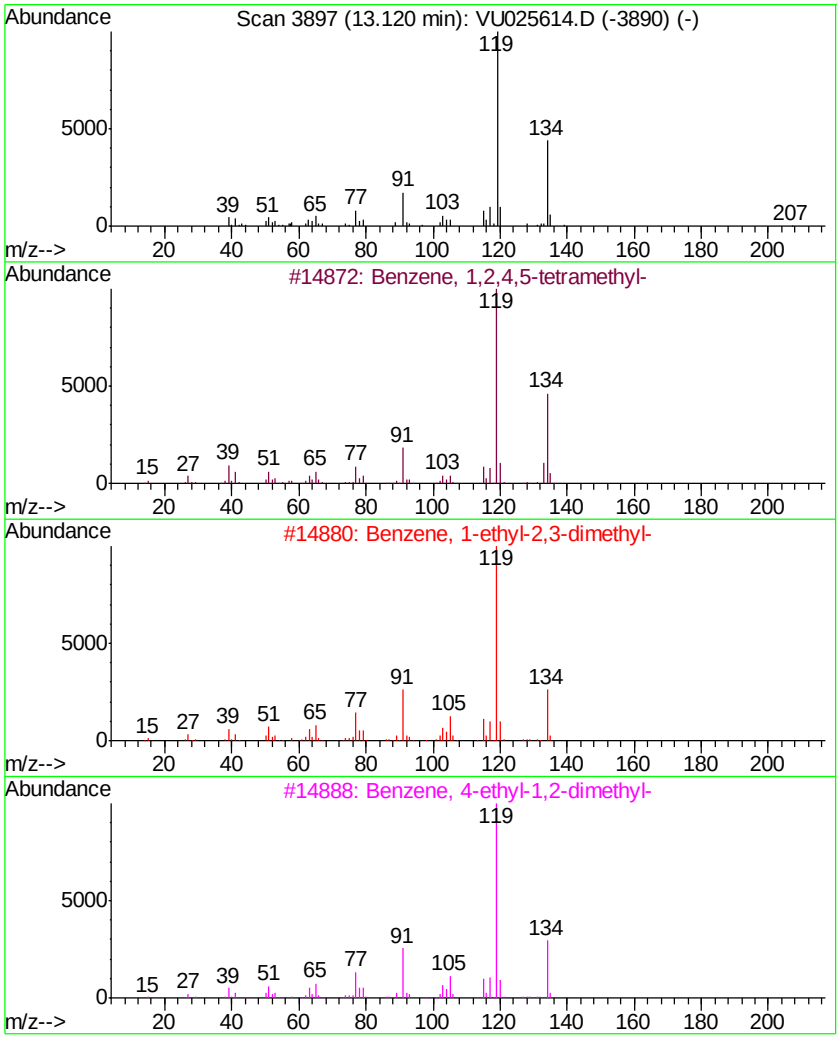
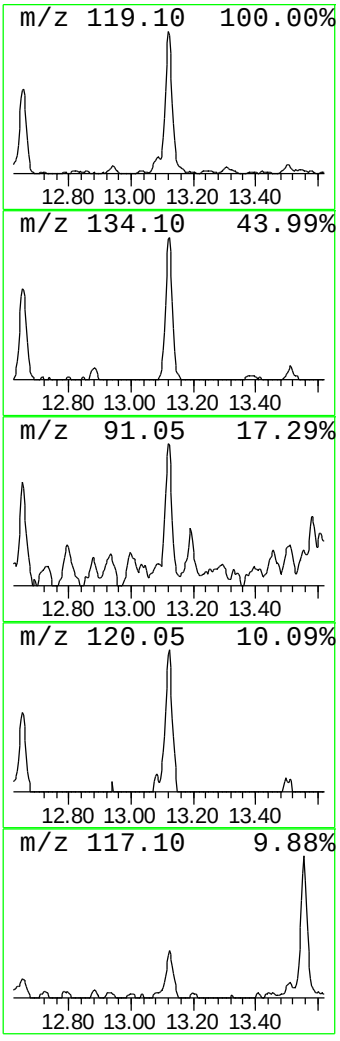
Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	3.20 ug/L	62002	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072318\
Data File : VU025614.D
Acq On : 23 Jul 2018 20:15
Operator : MD/SY
Sample : J4072-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JJ1T4

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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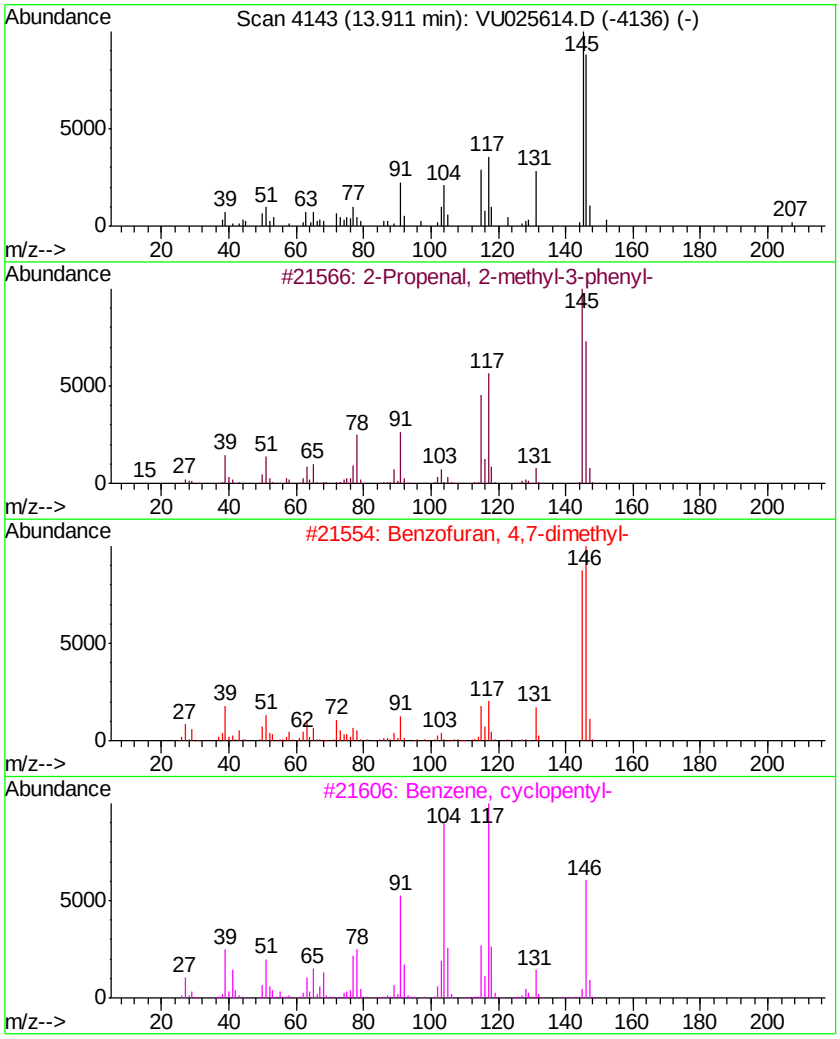
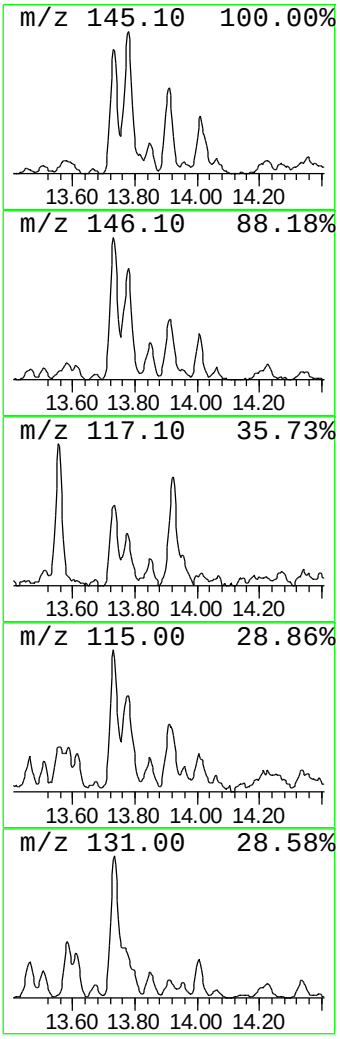
Peak Number 12 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	2.75 ug/L	53360	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	72
2	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	72
3	Benzene, cyclopentyl-	146	C11H14	000700-88-9	64
4	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	60
5	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	53





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Data File : VU025614.D
Acq On : 23 Jul 2018 20:15
Operator : MD/SY
Sample : J4072-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JJ1T4

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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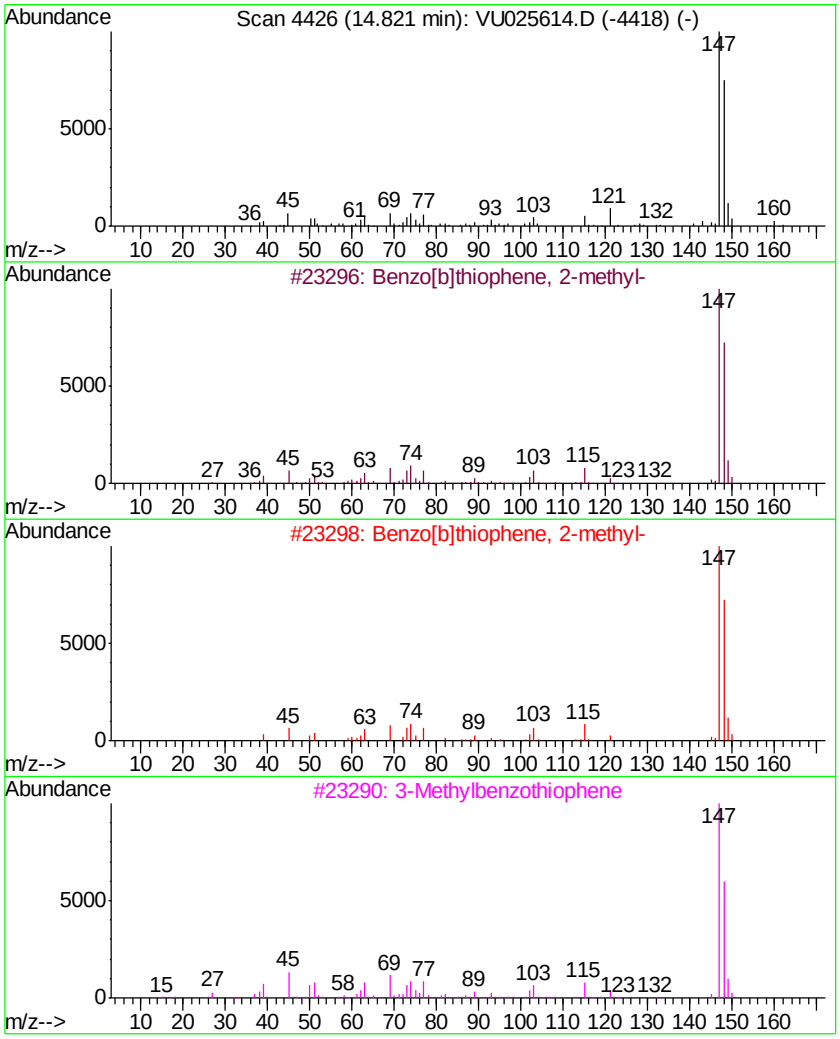
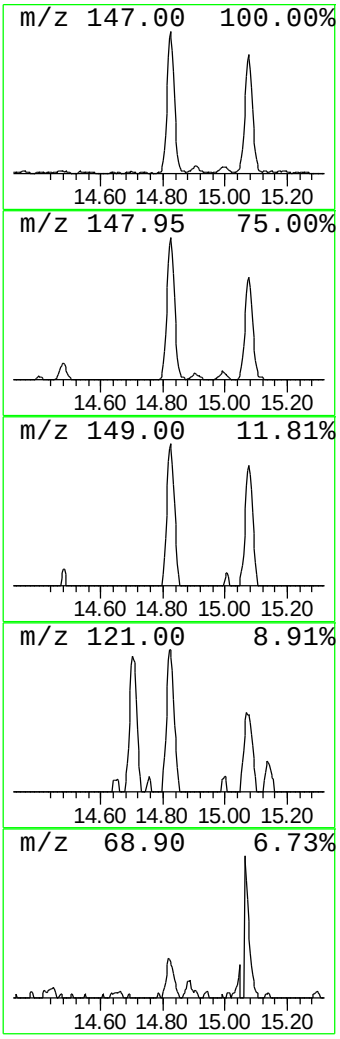
Peak Number 13 Benzo[b]thiophene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	4.05 ug/L	78512	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
4	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072318\
Data File : VU025614.D
Acq On : 23 Jul 2018 20:15
Operator : MD/SY
Sample : J4072-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JJ1T4

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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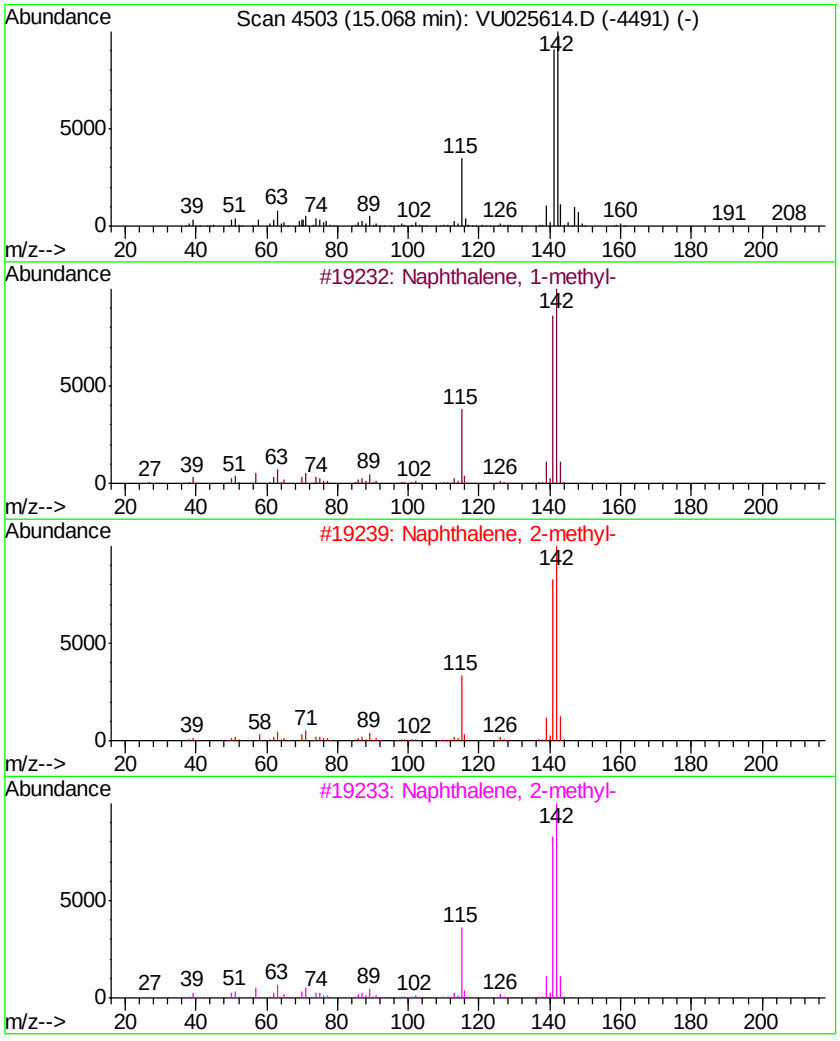
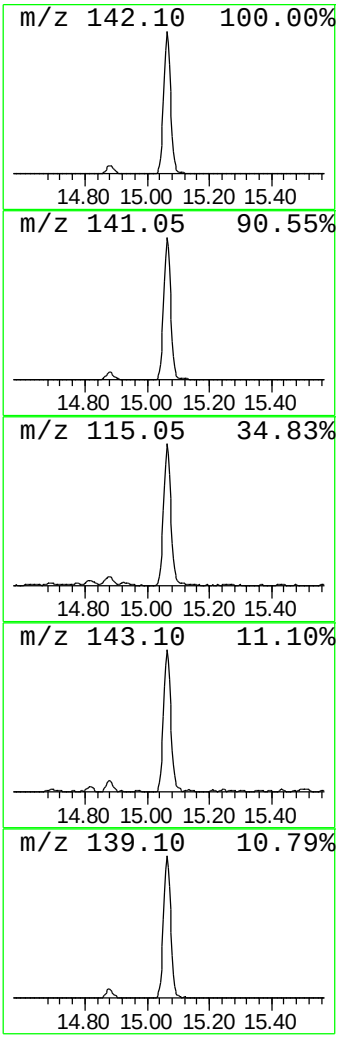
Peak Number 14 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	35.41 ug/L	685913	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072318\
Data File : VU025614.D
Acq On : 23 Jul 2018 20:15
Operator : MD/SY
Sample : J4072-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JJ1T4

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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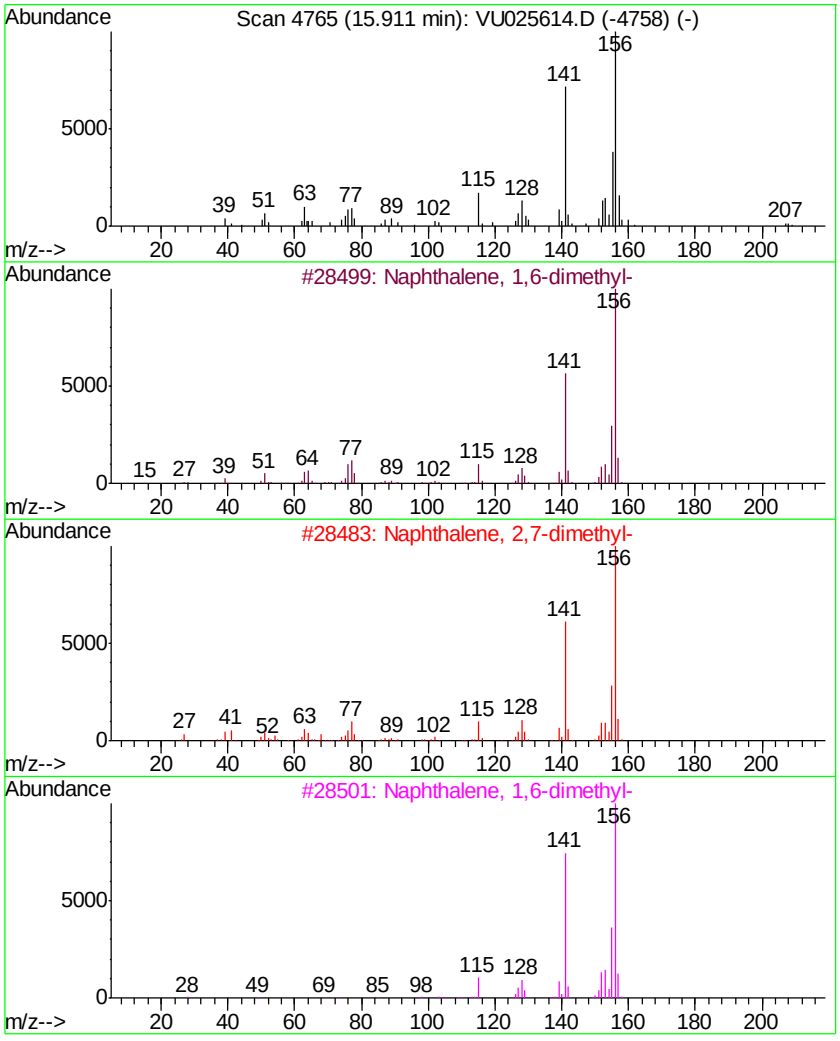
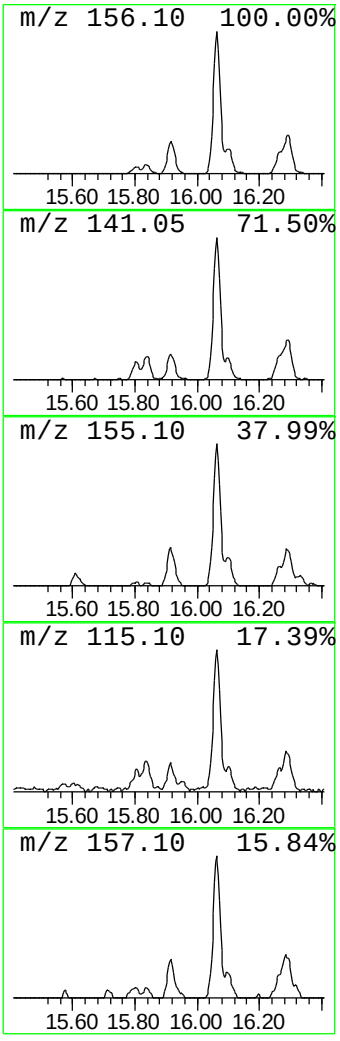
Peak Number 15 Naphthalene, 1,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	3.06 ug/L	59345	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072318\
Data File : VU025614.D
Acq On : 23 Jul 2018 20:15
Operator : MD/SY
Sample : J4072-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JJ1T4

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

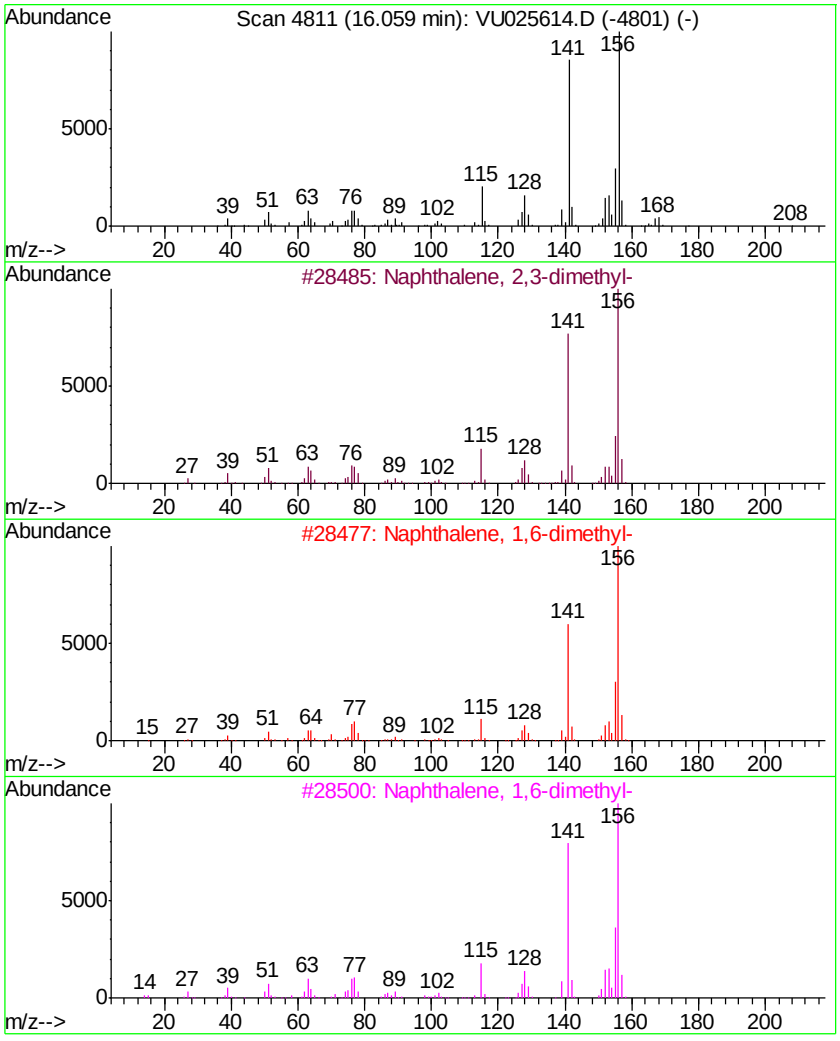
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

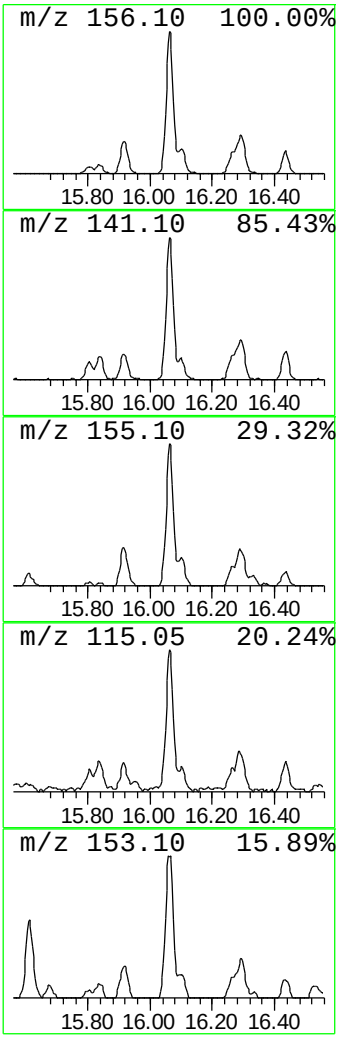
****

Peak Number 16 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	13.85 ug/L	268410	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072318\
Data File : VU025614.D
Acq On : 23 Jul 2018 20:15
Operator : MD/SY
Sample : J4072-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JJ1T4

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isopropyl acetate	5.55	12.3	ug/L	199584	1	5.89	812877	50.0
n-Propyl acetate	6.71	16.0	ug/L	260750	1	5.89	812877	50.0
Propanoic acid, p...	8.42	6.0	ug/L	112225	2	9.09	938045	50.0
Butanoic acid, 1-...	8.91	6.4	ug/L	120467	2	9.09	938045	50.0
Indan, 1-methyl-	12.36	6.6	ug/L	127637	3	11.49	968661	50.0
Benzofuran, 7-met...	12.60	3.2	ug/L	62044	3	11.49	968661	50.0
Benzofuran, 2-met...	12.72	3.2	ug/L	61944	3	11.49	968661	50.0
Benzene, 1,2,4,5-...	13.12	3.2	ug/L	62002	3	11.49	968661	50.0
2-Propenal, 2-met...	13.91	2.8	ug/L	53360	3	11.49	968661	50.0
Benzo[b]thiophene...	14.82	4.0	ug/L	78512	3	11.49	968661	50.0
Naphthalene, 1-me...	15.07	35.4	ug/L	685913	3	11.49	968661	50.0
Naphthalene, 1,6-...	15.91	3.1	ug/L	59345	3	11.49	968661	50.0
Naphthalene, 2,3-...	16.06	13.9	ug/L	268410	3	11.49	968661	50.0