LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092519\
Data File : VU034827.D
Acq On : 26 Sep 2019 01:02
Operator : JC/SP
Sample : K4983-17
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK7

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\SOMULM091919WMA.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	1.177	22	27	33	rBV2	12132	13265	0.09%	0.031%
2	1.392	87	94	108	rBV	299330	318926	2.10%	0.739%
3	1.466	111	117	124	rBV	58675	62629	0.41%	0.145%
4	1.672	174	181	192	rVB	245648	313699	2.06%	0.727%
5	2.257	354	363	372	rBV	425801	650128	4.27%	1.507%
6	2.305	373	378	393	rVB	107858	165484	1.09%	0.384%
7	2.537	445	450	451	rBV4	1689	1271	0.01%	0.003%
8	2.604	462	471	480	rBV2	7511	13686	0.09%	0.032%
9	2.685	481	496	528	rBV	8464403	15209475	100.00%	35.254%
10	3.167	639	646	659	rVB3	17678	34898	0.23%	0.081%
11	3.270	674	678	679	rBV3	1311	1010	0.01%	0.002%
12	3.392	713	716	720	rBV4	1819	1771	0.01%	0.004%
13	3.527	754	758	760	rBV4	1673	1339	0.01%	0.003%
14	3.604	777	782	789	rVB8	2775	3524	0.02%	0.008%
15	3.636	789	792	794	rBV3	1218	818	0.01%	0.002%
16	3.653	794	797	800	rVB4	2100	1486	0.01%	0.003%
17	3.669	800	802	804	rBV2	1533	942	0.01%	0.002%
18	3.775	833	835	838	rBV3	1124	559	0.00%	0.001%
19	3.794	838	841	844	rVV4	1050	623	0.00%	0.001%
20	3.852	856	859	862	rVB2	899	558	0.00%	0.001%
21	3.890	867	871	874	rVB3	681	650	0.00%	0.002%
22	3.919	874	880	882	rBV5	1242	957	0.01%	0.002%
23	3.955	887	891	892	rBV2	1112	670	0.00%	0.002%
24	3.968	892	895	897	rBV4	1627	1068	0.01%	0.002%
25	4.038	912	917	918	rBV5	875	665	0.00%	0.002%
26	4.054	918	922	927	rBV6	2004	2007	0.01%	0.005%
27	4.151	940	952	973	rBV	236712	619895	4.08%	1.437%
28	4.485	1050	1056	1057	rBV5	755	646	0.00%	0.001%
29	4.543	1070	1074	1078	rVB6	1153	825	0.01%	0.002%
30	4.624	1082	1099	1120	rBV	342264	812938	5.34%	1.884%
31	4.849	1166	1169	1172	rBV5	1202	1021	0.01%	0.002%
32	4.865	1172	1174	1178	rVB5	1872	1197	0.01%	0.003%
33	4.887	1178	1181	1182	rBV3	1296	904	0.01%	0.002%
34	4.929	1191	1194	1196	rBV4	1564	1119	0.01%	0.003%

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ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK7

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\SOMULM091919WMA.M
Title : VOC Analysis

35	4.968	1203	1206	1210	rBV5	1817	1848	0.01%	0.004%
36	5.315	1291	1314	1345	rBV2	719197	2144316	14.10%	4.970%
37	5.527	1368	1380	1396	rBV2	104441	221813	1.46%	0.514%
38	5.714	1436	1438	1444	rBB6	1002	742	0.00%	0.002%
39	5.865	1466	1485	1507	rBV	587552	1391588	9.15%	3.226%
40	6.308	1610	1623	1642	rBV	502002	990315	6.51%	2.295%
41	6.556	1696	1700	1702	rBV	13647	11788	0.08%	0.027%
42	6.681	1727	1739	1778	rBV	2327242	4192684	27.57%	9.718%
43	7.205	1891	1902	1927	rBV2	276773	508408	3.34%	1.178%
44	7.398	1952	1962	1973	rBV	276233	464679	3.06%	1.077%
45	7.543	1993	2007	2027	rBV	1004793	1806556	11.88%	4.187%
46	7.826	2085	2095	2116	rBV2	258220	460295	3.03%	1.067%
47	8.070	2167	2171	2174	rBV5	2178	1787	0.01%	0.004%
48	8.135	2179	2191	2207	rBV	501934	832266	5.47%	1.929%
49	8.212	2208	2215	2216	rBV2	24468	24416	0.16%	0.057%
50	8.289	2230	2239	2261	rVV	951696	1596733	10.50%	3.701%
51	8.395	2262	2272	2299	rVV	839016	1354836	8.91%	3.140%
52	8.508	2301	2307	2321	rVB2	38460	66900	0.44%	0.155%
53	8.781	2389	2392	2396	rBV5	1340	883	0.01%	0.002%
54	8.884	2412	2424	2452	rBV	1010572	1634442	10.75%	3.788%
55	9.067	2461	2481	2509	rBV	844216	1495040	9.83%	3.465%
56	9.225	2525	2530	2531	rBV4	3241	2795	0.02%	0.006%
57	9.356	2563	2571	2586	rVB3	18108	35370	0.23%	0.082%
58	9.466	2603	2605	2609	rBV3	1093	942	0.01%	0.002%
59	9.553	2629	2632	2633	rBV2	1206	627	0.00%	0.001%
60	9.585	2633	2642	2654	rVV2	26190	46827	0.31%	0.109%
61	9.697	2674	2677	2682	rBV7	1810	1478	0.01%	0.003%
62	9.746	2682	2692	2713	rBV2	131362	241043	1.58%	0.559%
63	9.926	2736	2748	2751	rBV7	7777	15279	0.10%	0.035%
64	10.144	2805	2816	2828	rBV4	23736	41035	0.27%	0.095%
65	10.234	2841	2844	2848	rVB3	2036	1773	0.01%	0.004%
66	10.273	2852	2856	2857	rBV4	1454	1030	0.01%	0.002%
67	10.318	2868	2870	2875	rVB5	1340	906	0.01%	0.002%
68	10.353	2875	2881	2883	rBV6	2067	2279	0.01%	0.005%
69	10.408	2886	2898	2915	rBV	682516	1112590	7.32%	2.579%
70	10.565	2940	2947	2960	rVB2	21215	35667	0.23%	0.083%
71	10.752	3000	3005	3011	rVB6	5400	5702	0.04%	0.013%

LSC Area Percent Report

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Sample : K4983-17
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK7

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\SOMULM091919WMA.M
Title : VOC Analysis

72	10.890	3044	3048	3050	rBV6	2879	2333	0.02%	0.005%
73	10.948	3059	3066	3076	rBV2	32868	47737	0.31%	0.111%
74	11.064	3098	3102	3104	rBV5	2433	1810	0.01%	0.004%
75	11.125	3113	3121	3141	rVB	80018	128494	0.84%	0.298%
76	11.299	3169	3175	3184	rVB8	22130	33547	0.22%	0.078%
77	11.369	3193	3197	3199	rBV5	3633	2978	0.02%	0.007%
78	11.459	3214	3225	3244	rBV	821604	1338113	8.80%	3.102%
79	11.546	3246	3252	3264	rVB2	47613	73860	0.49%	0.171%
80	11.655	3284	3286	3289	rBV3	2659	1800	0.01%	0.004%
81	11.742	3303	3313	3330	rBV2	86040	160058	1.05%	0.371%
82	11.835	3331	3342	3367	rVV	935453	1575508	10.36%	3.652%
83	12.122	3425	3431	3437	rBV5	14585	24213	0.16%	0.056%
84	12.231	3456	3465	3473	rBV	42894	71890	0.47%	0.167%
85	12.331	3488	3496	3510	rBV3	29051	60588	0.40%	0.140%
86	12.498	3546	3548	3550	rBV3	2314	1026	0.01%	0.002%
87	12.630	3573	3589	3597	rBV2	37625	64217	0.42%	0.149%
88	12.684	3598	3606	3620	rVB	44528	73218	0.48%	0.170%
89	12.768	3626	3632	3637	rBV8	4757	6208	0.04%	0.014%
90	12.800	3640	3642	3645	rBV3	1706	912	0.01%	0.002%
91	12.945	3681	3687	3698	rVB2	23072	35758	0.24%	0.083%
92	13.102	3727	3736	3752	rVB3	84084	142011	0.93%	0.329%
93	13.433	3835	3839	3840	rBV4	5695	4359	0.03%	0.010%
94	13.488	3852	3856	3863	rBV10	8419	10414	0.07%	0.024%
95	13.726	3922	3930	3950	rVB2	38692	84541	0.56%	0.196%
96	13.922	3984	3991	3999	rBV2	9591	17247	0.11%	0.040%
97	14.321	4106	4115	4126	rBV10	9573	21470	0.14%	0.050%
98	14.607	4200	4204	4206	rBV5	3497	2981	0.02%	0.007%
99	14.861	4275	4283	4295	rBV3	28746	55230	0.36%	0.128%
100	15.044	4331	4340	4357	rVB	63906	111679	0.73%	0.259%

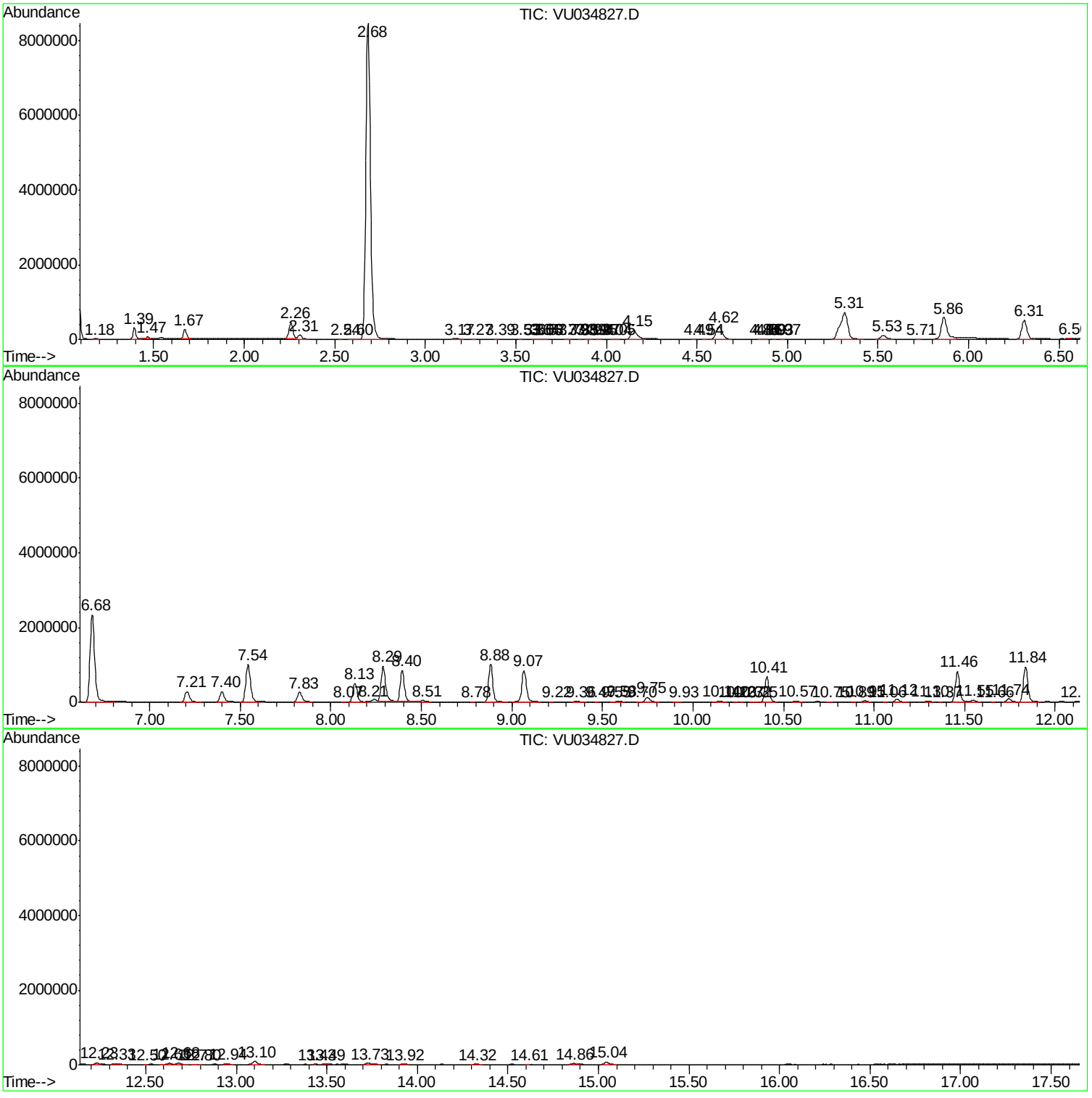
Sum of corrected areas: 43142531

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092519\
Data File : VU034827.D
Acq On : 26 Sep 2019 01:02
Operator : JC/SP
Sample : K4983-17
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092519\
Data File : VU034827.D
Acq On : 26 Sep 2019 01:02
Operator : JC/SP
Sample : K4983-17
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

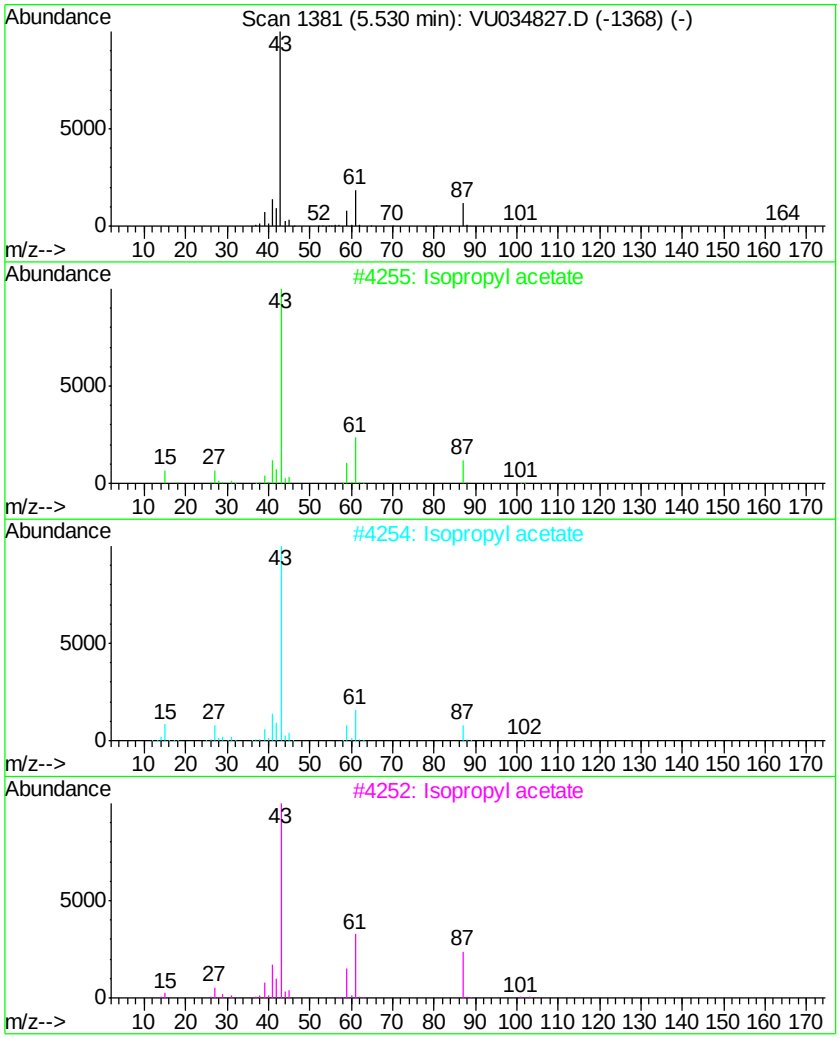
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

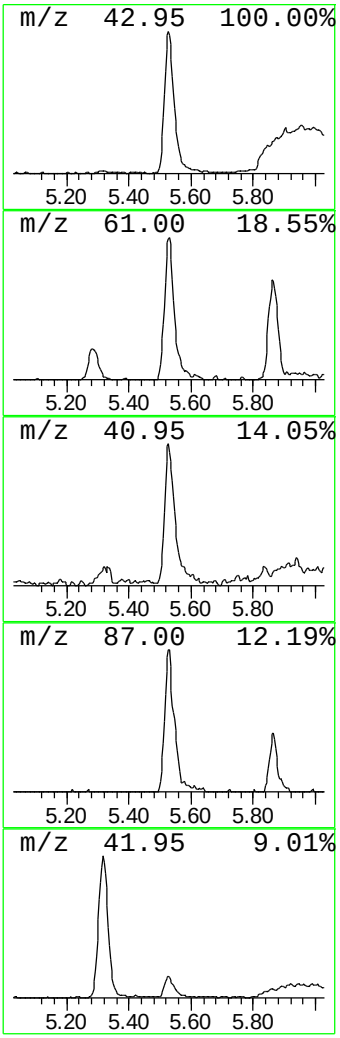
****

Peak Number 1 Isopropyl acetate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.53	7.97 ug/L	221813	1,4-Difluorobenzene	5.86

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	78
4	Isopropyl acetate	102	C5H10O2	000108-21-4	56
5	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	40





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092519\
Data File : VU034827.D
Acq On : 26 Sep 2019 01:02
Operator : JC/SP
Sample : K4983-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

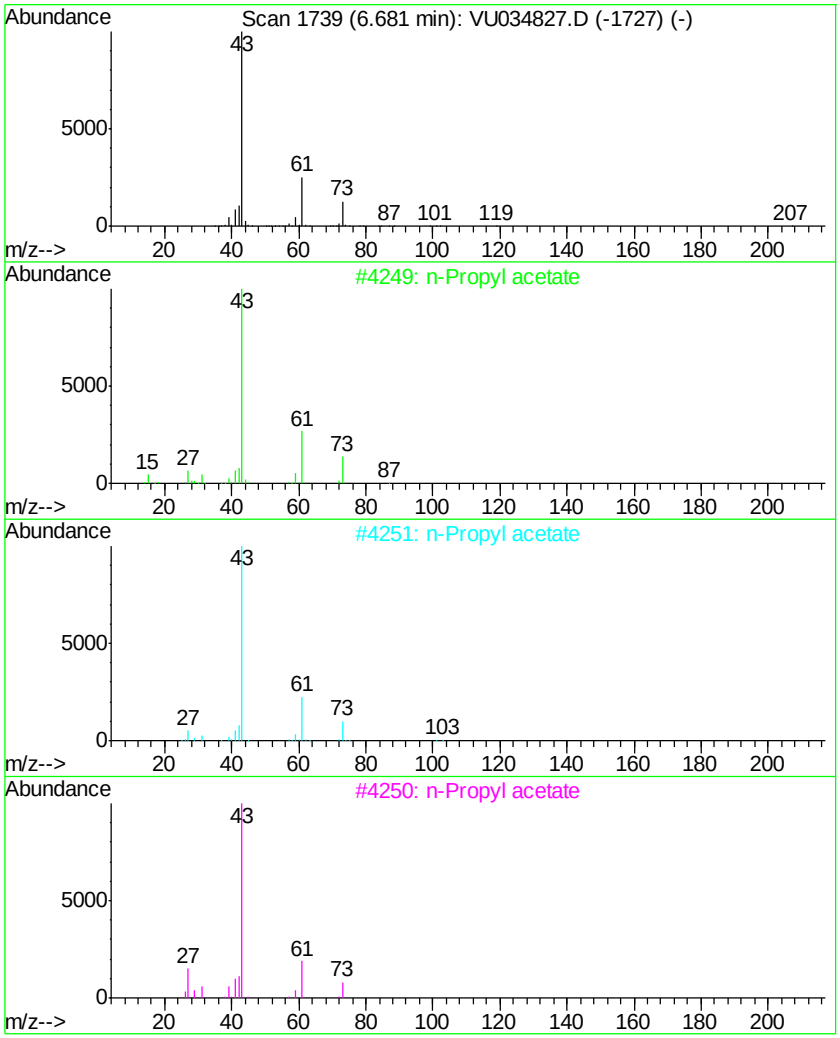
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

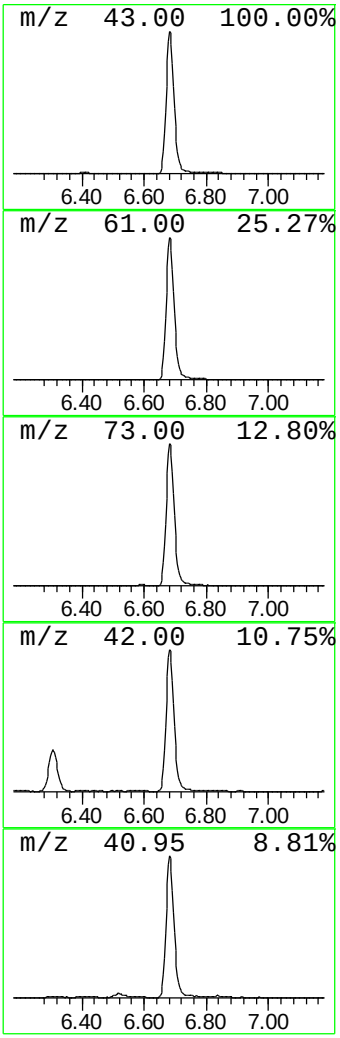
****

Peak Number 2 n-Propyl acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	150.64 ug/L	4192680	1,4-Difluorobenzene	5.86

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	83
3	n-Propyl acetate	102	C5H10O2	000109-60-4	78
4	Isopropyl acetate	102	C5H10O2	000108-21-4	36
5	1-Butanamine	73	C4H11N	000109-73-9	7





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092519\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

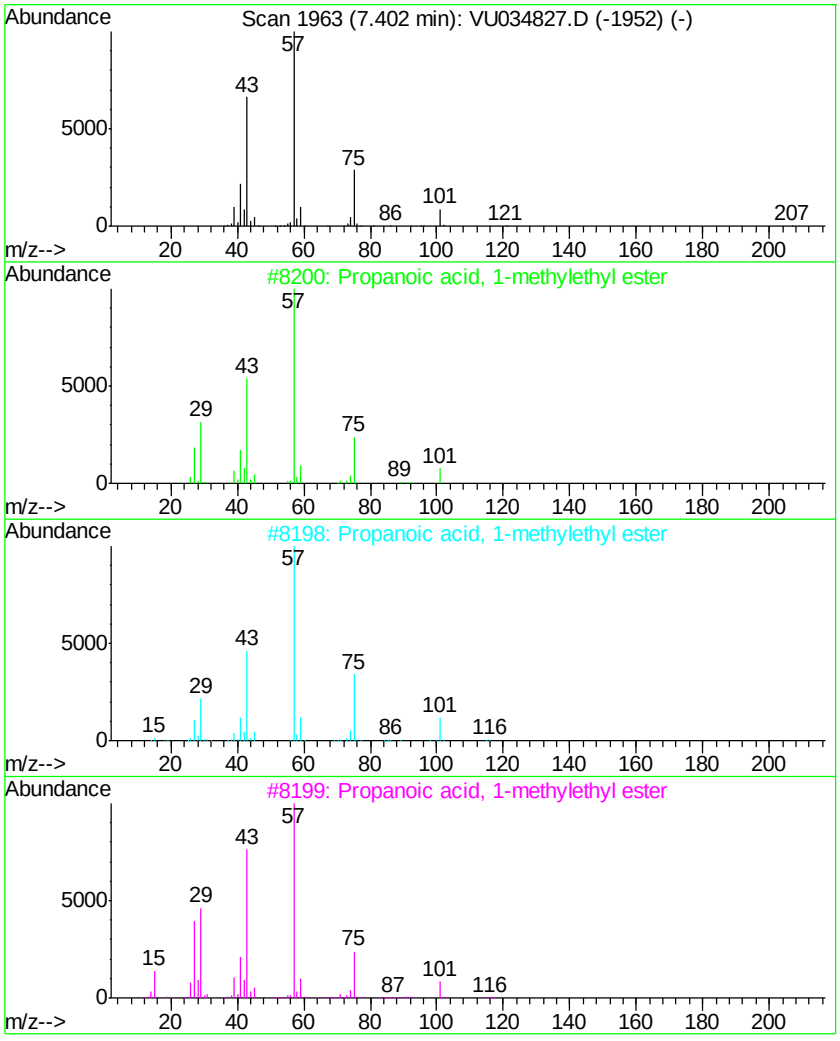
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

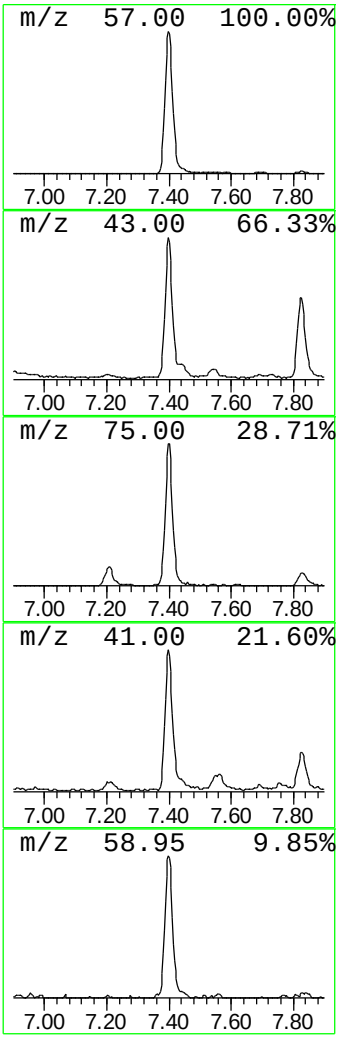
****

Peak Number 4 Propanoic acid, 1-methyleth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	16.70 ug/L	464679	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	86
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	78
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	64
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	50
5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	42





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ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

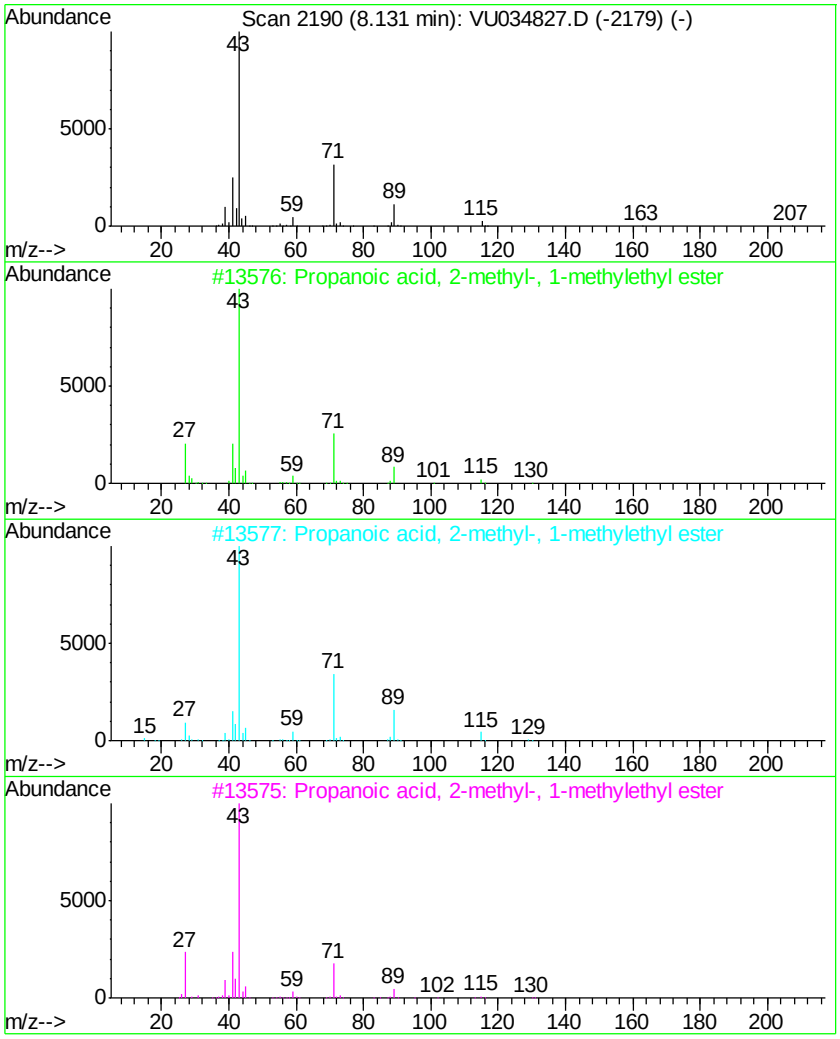
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

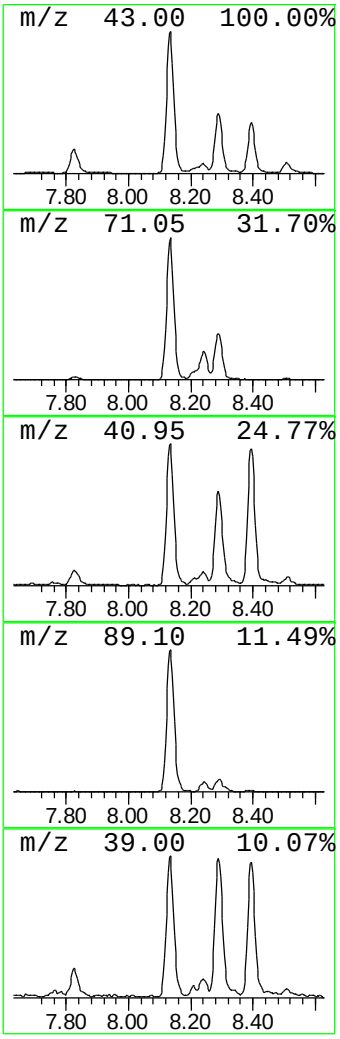
****

Peak Number 5 Propanoic acid, 2-methyl-, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	27.83 ug/L	832266	Chlorobenzene-d5	9.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	83
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	59
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	59
5	Butanoic acid, pentyl ester	158	C9H18O2	000540-18-1	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092519\
Data File : VU034827.D
Acq On : 26 Sep 2019 01:02
Operator : JC/SP
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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

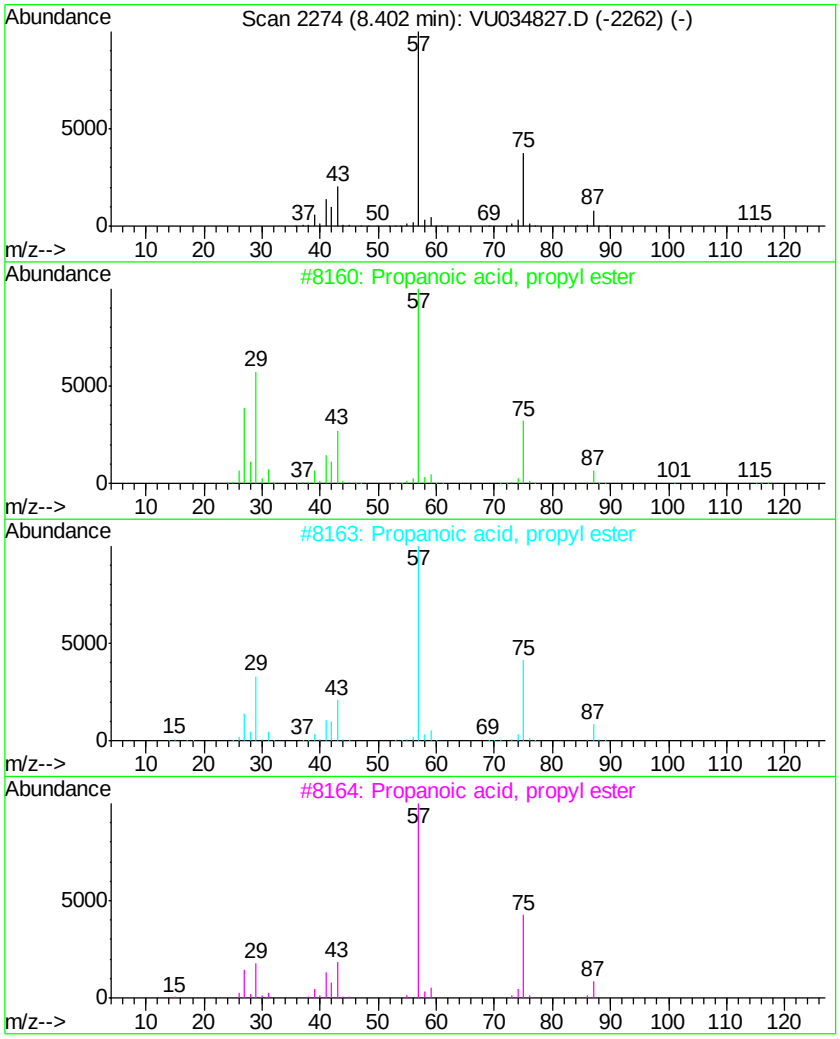
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

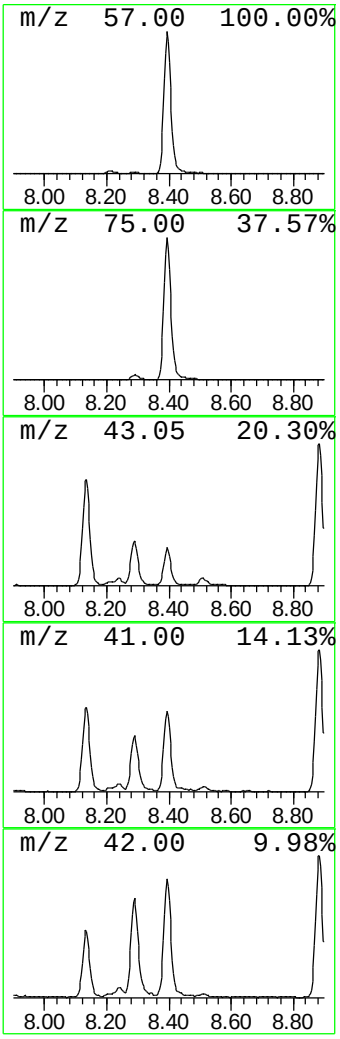
****

Peak Number 6 Propanoic acid, propyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	45.31 ug/L	1354840	Chlorobenzene-d5	9.07

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	78
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	64
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	33





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092519\
Data File : VU034827.D
Acq On : 26 Sep 2019 01:02
Operator : JC/SP
Sample : K4983-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

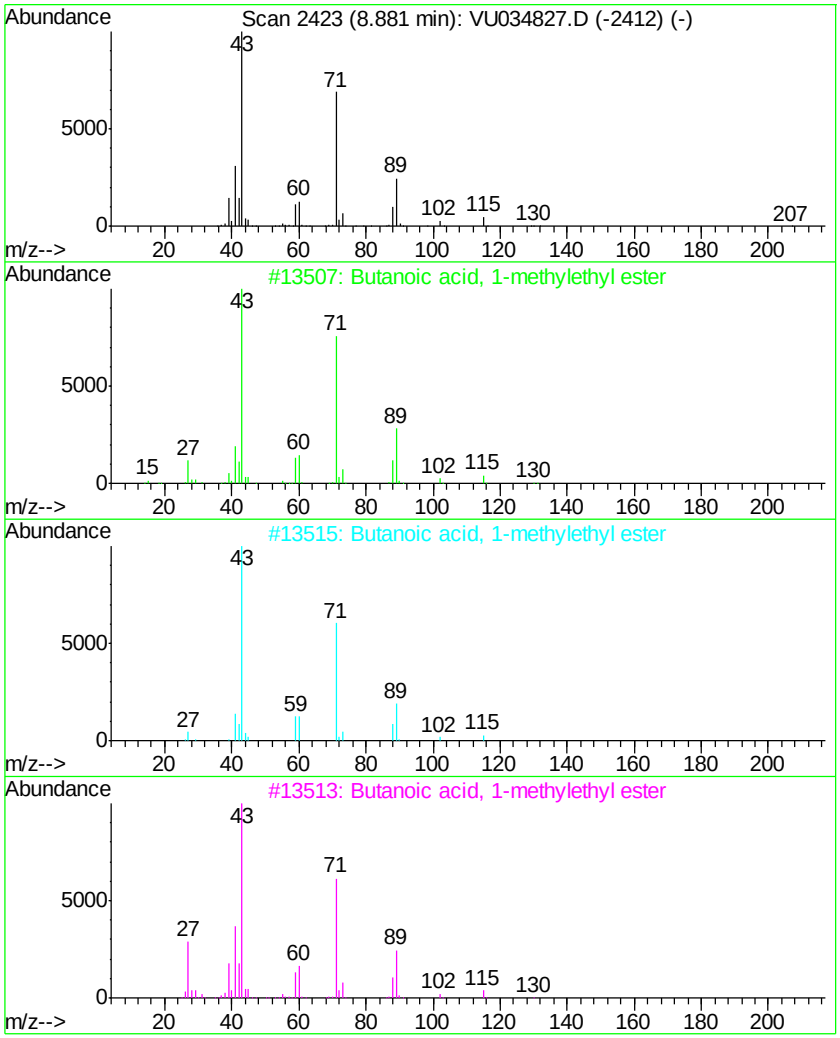
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

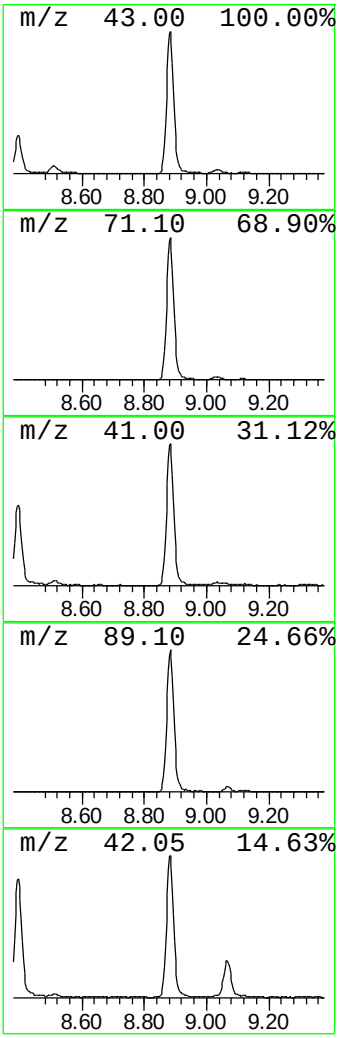
****

Peak Number 7 Butanoic acid, 1-methylethy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	54.66 ug/L	1634440	Chlorobenzene-d5	9.07

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	90
4	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	86
5	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72





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Data File : VU034827.D
Acq On : 26 Sep 2019 01:02
Operator : JC/SP
Sample : K4983-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

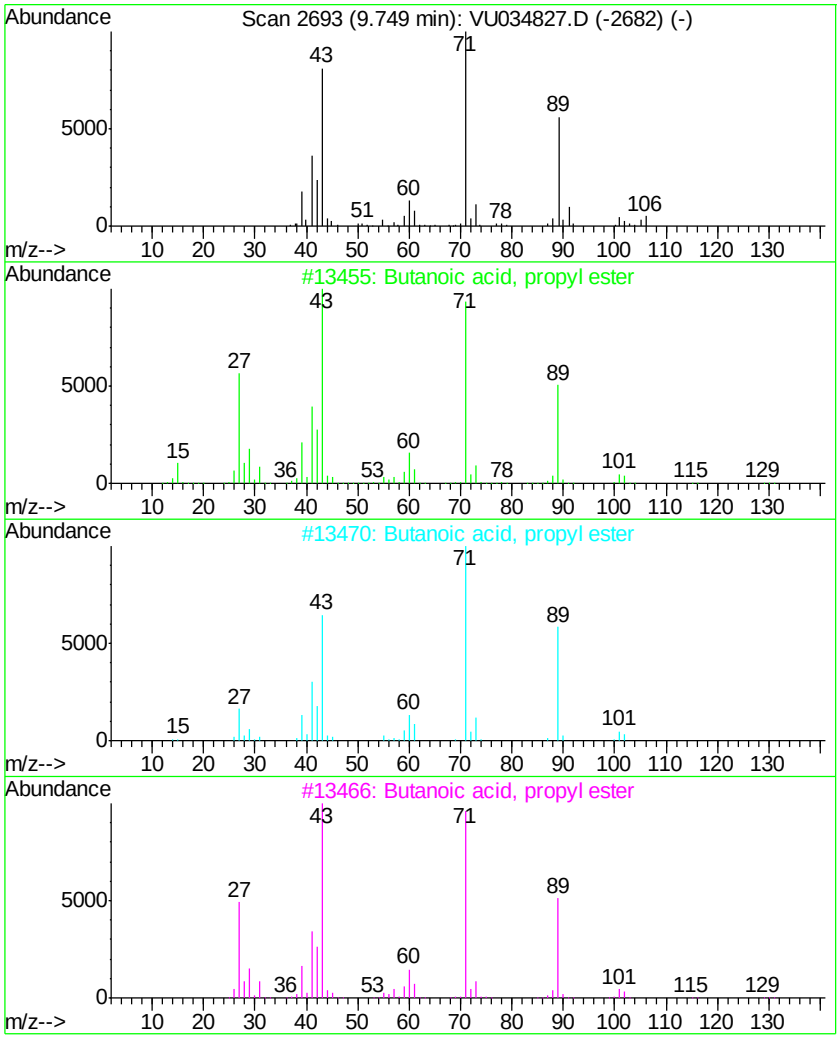
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

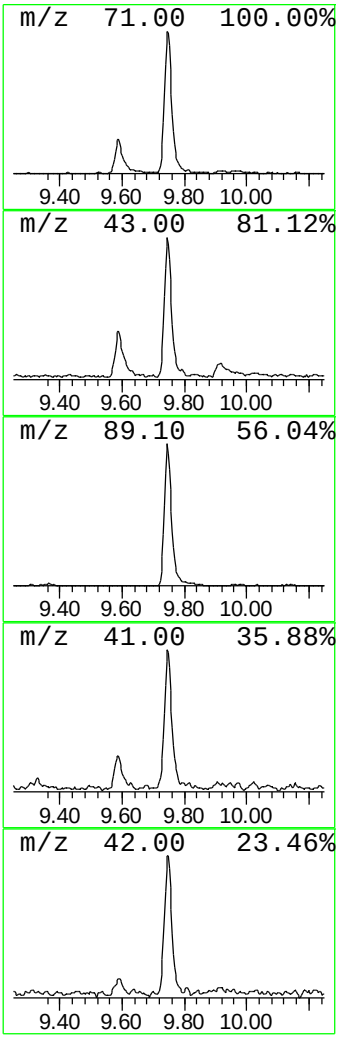
****

Peak Number 8 Butanoic acid, propyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	8.06 ug/L	241043	Chlorobenzene-d5	9.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	90
2	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	90
3	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	90
4	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	83
5	Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	78





Library Search Compound Report

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Data File : VU034827.D
Acq On : 26 Sep 2019 01:02
Operator : JC/SP
Sample : K4983-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

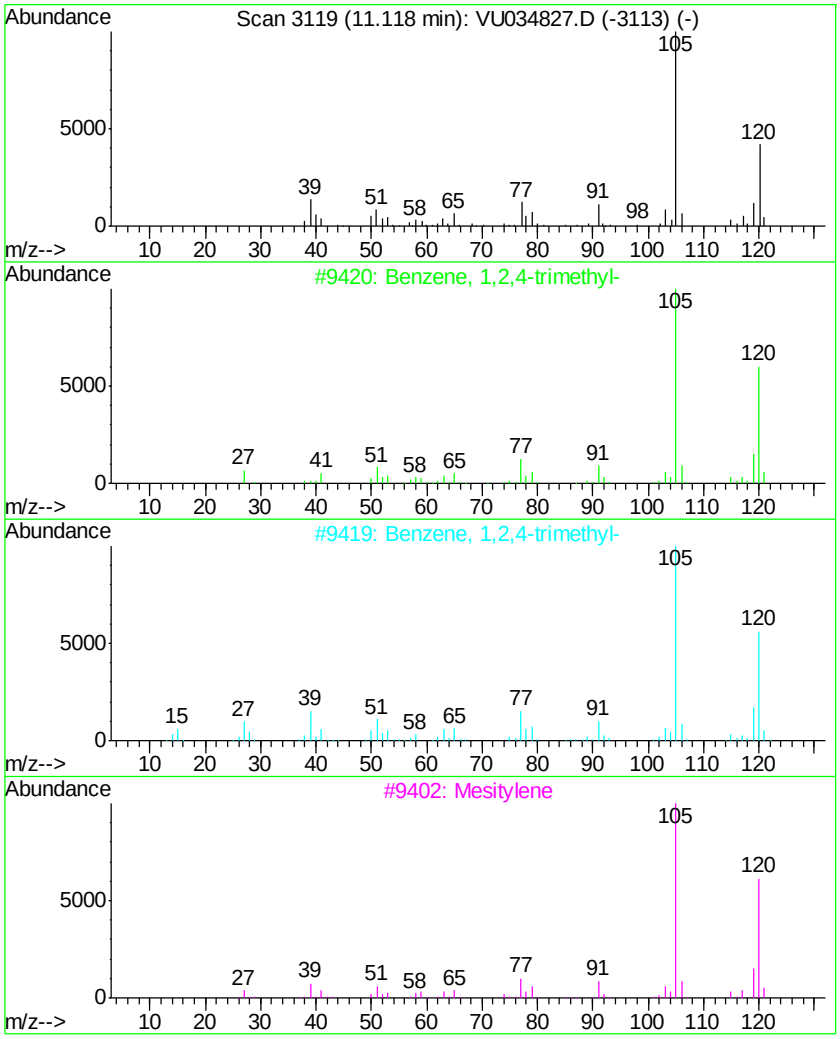
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

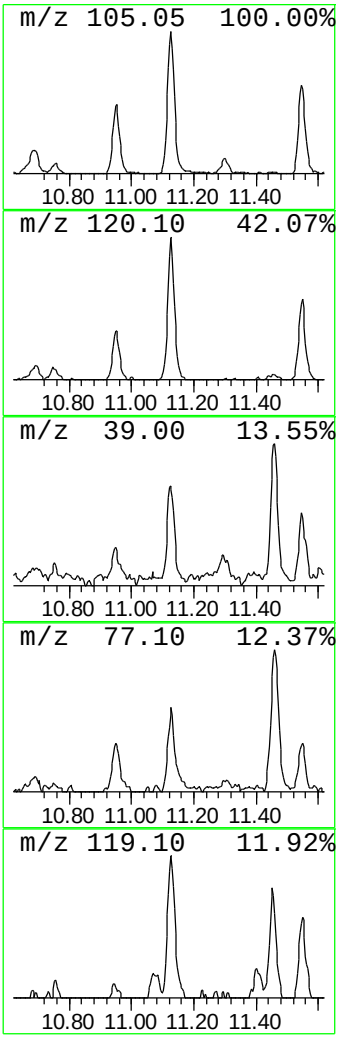
****

Peak Number 9 Benzene, 1,2,4-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	4.80 ug/L	128494	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Mesitylene	120	C9H12	000108-67-8	95
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Data File : VU034827.D
Acq On : 26 Sep 2019 01:02
Operator : JC/SP
Sample : K4983-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

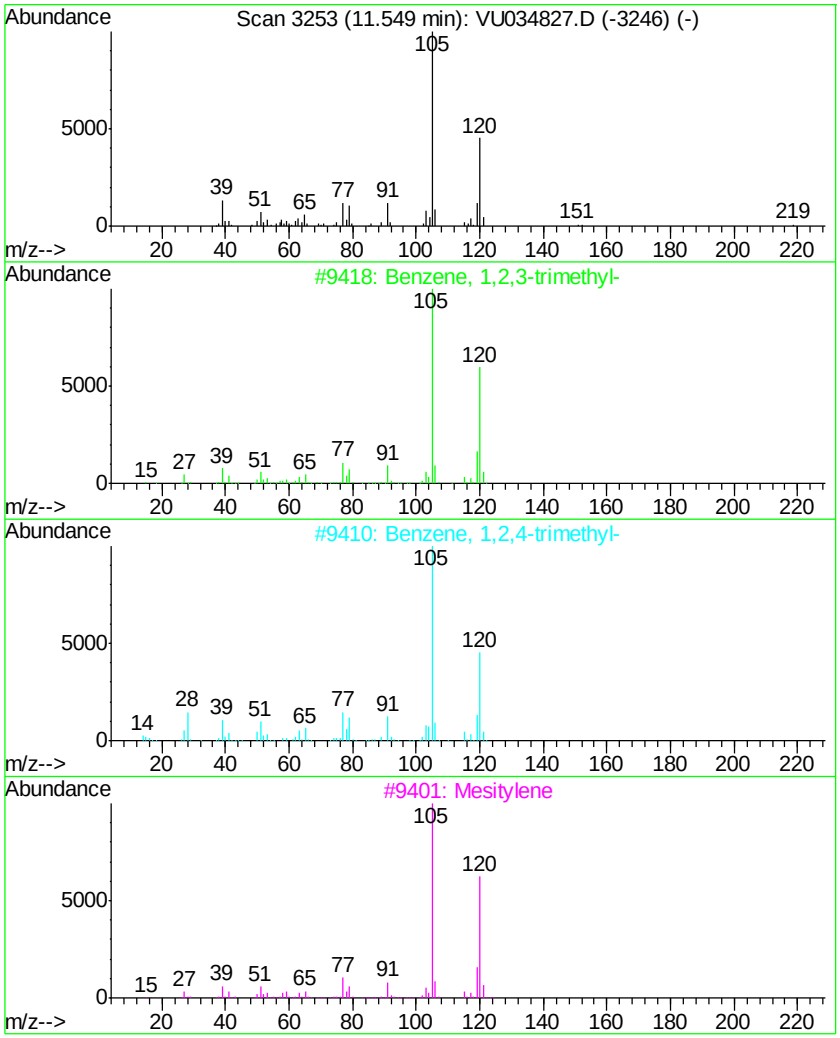
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

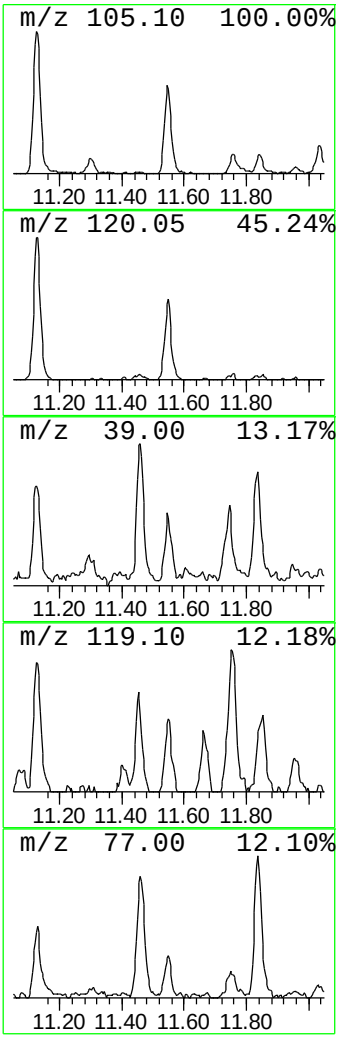
****

Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	2.76 ug/L	73860	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092519\
Data File : VU034827.D
Acq On : 26 Sep 2019 01:02
Operator : JC/SP
Sample : K4983-17
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

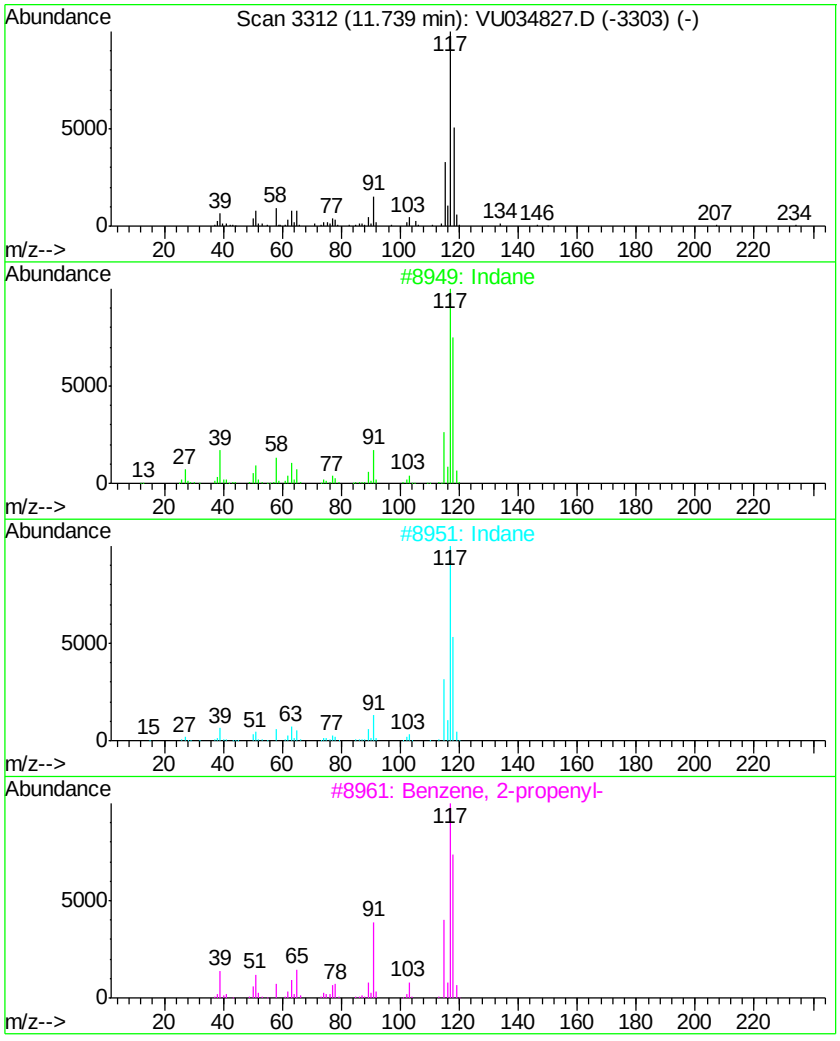
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

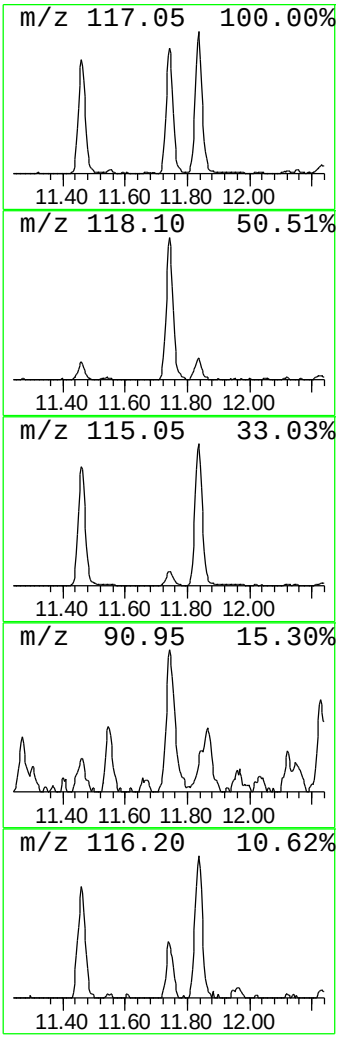
****

Peak Number 11 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	5.98 ug/L	160058	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	96
2	Indane	118	C9H10	000496-11-7	90
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	87
4	Indane	118	C9H10	000496-11-7	87
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	83





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Data File : VU034827.D
Acq On : 26 Sep 2019 01:02
Operator : JC/SP
Sample : K4983-17
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

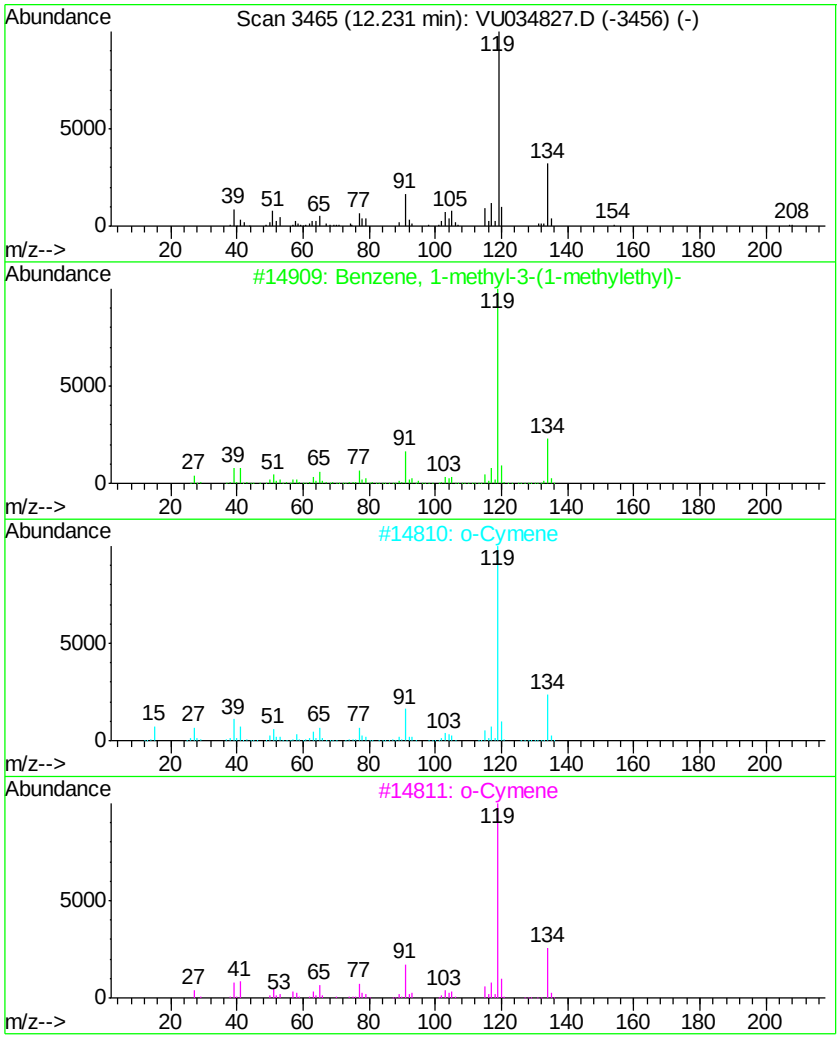
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

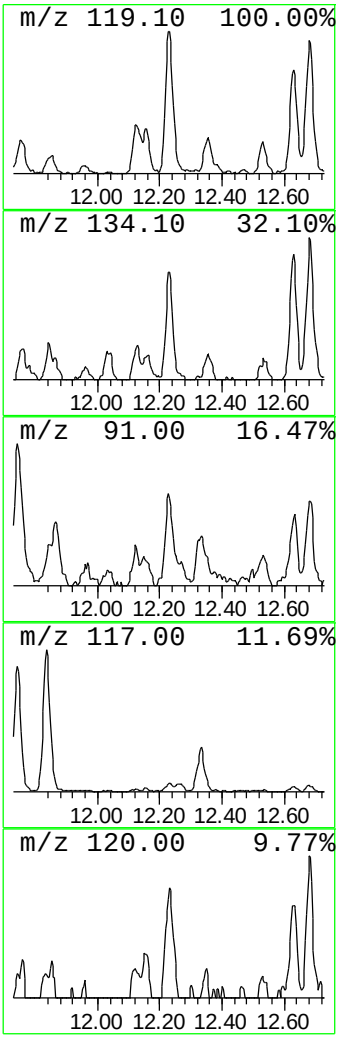
****

Peak Number 12 Benzene, 1-methyl-3-(1-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	2.69 ug/L	71890	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	p-Cymene	134	C10H14	000099-87-6	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092519\
Data File : VU034827.D
Acq On : 26 Sep 2019 01:02
Operator : JC/SP
Sample : K4983-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

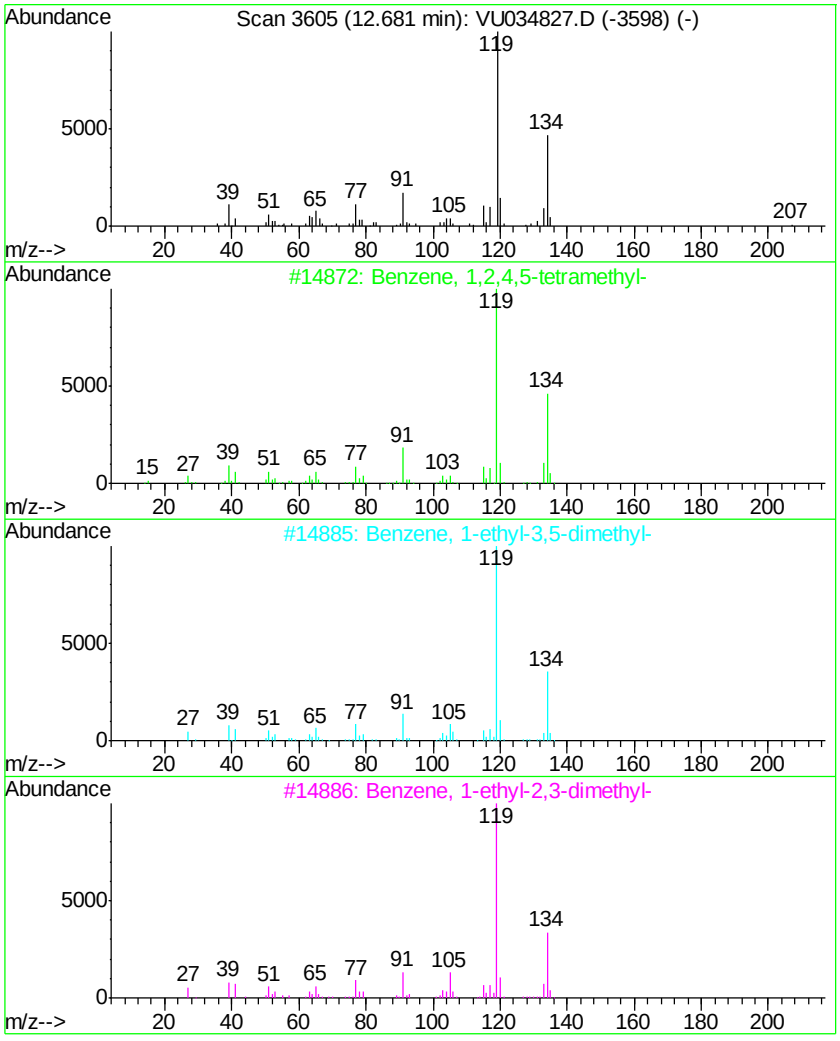
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

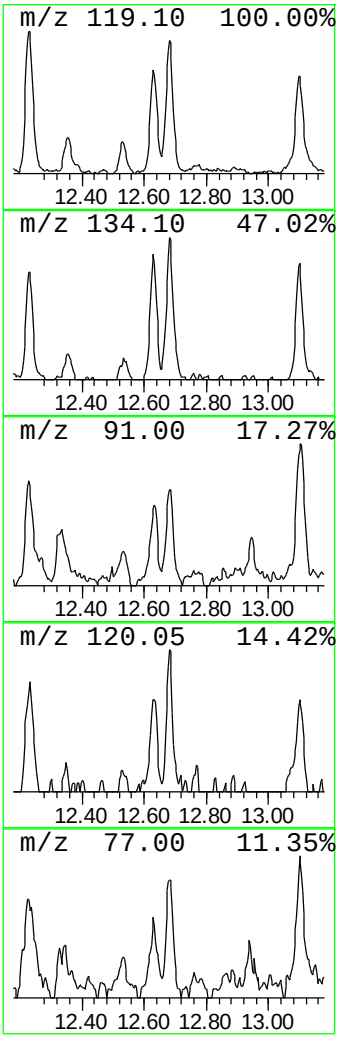
****

Peak Number 13 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	2.74 ug/L	73218	1,4-Dichlorobenzene-d4	11.46

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-3,5-dimethyl-	134	C10H14	000934-74-7	91
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Library Search Compound Report

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Data File : VU034827.D
Acq On : 26 Sep 2019 01:02
Operator : JC/SP
Sample : K4983-17
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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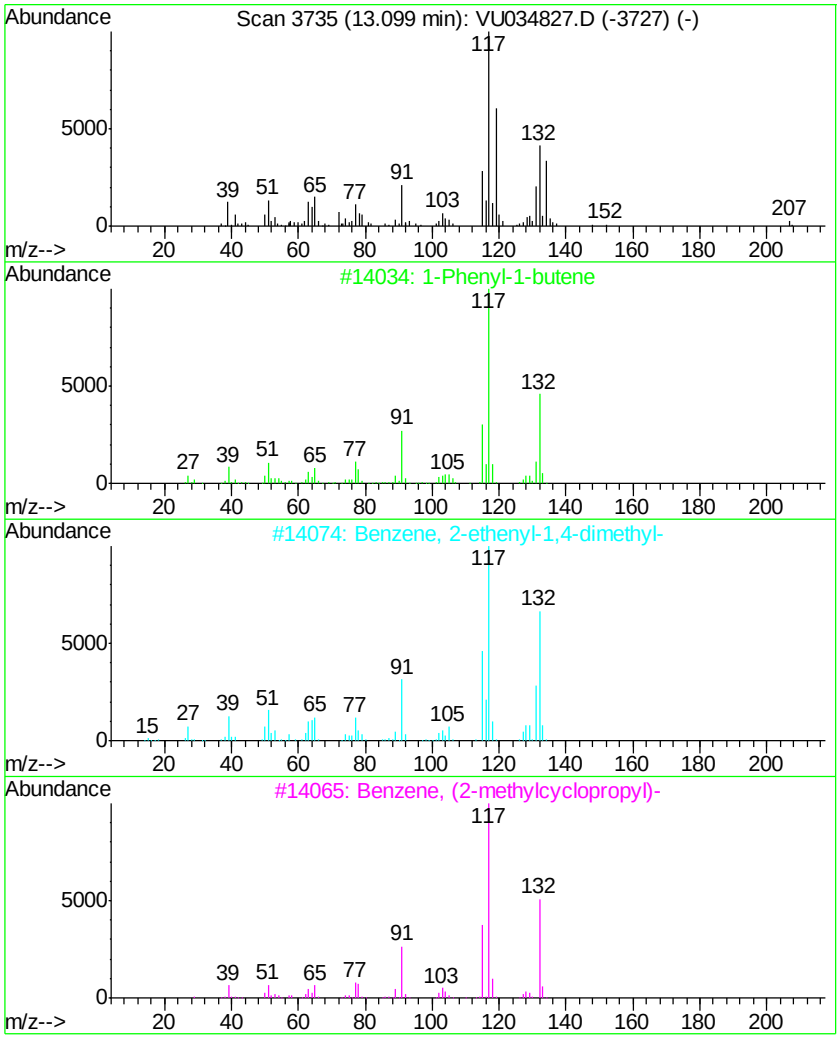
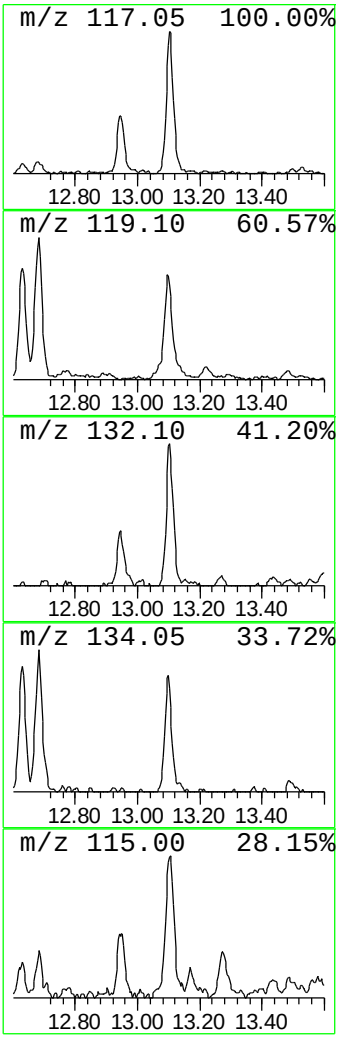
Peak Number 14 1-Phenyl-1-butene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	5.31 ug/L	142011	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	90
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	86





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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

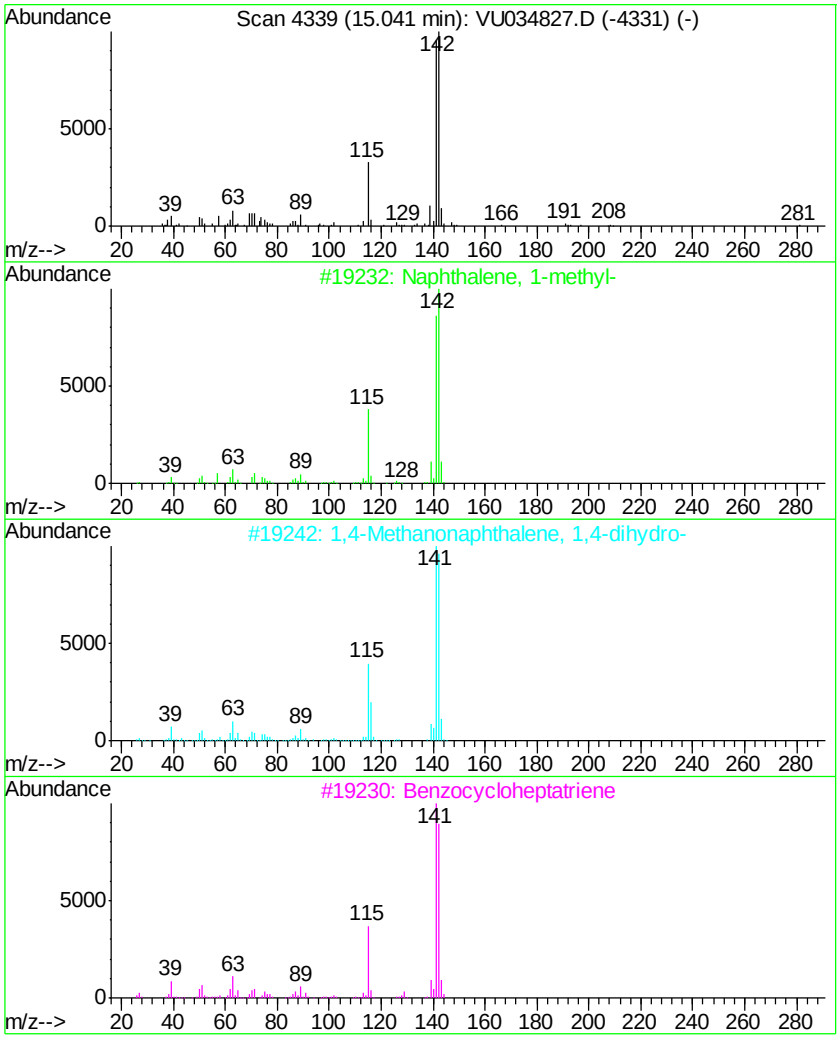
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

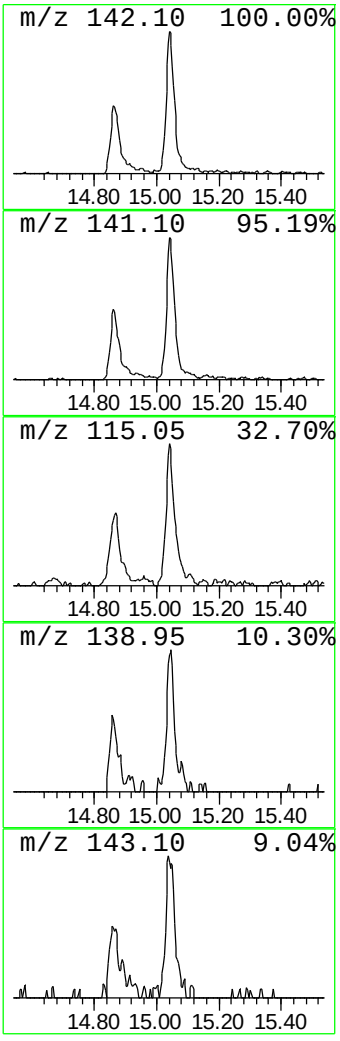
****

Peak Number 16 Naphthalene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	4.17 ug/L	111679	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
3	Benzocycloheptatriene	142	C11H10	000264-09-5	90
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	87
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092519\
Data File : VU034827.D
Acq On : 26 Sep 2019 01:02
Operator : JC/SP
Sample : K4983-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.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	5.53	8.0	ug/L	221813	1	5.86	1391590	50.0
n-Propyl acetate	6.68	150.6	ug/L	4192680	1	5.86	1391590	50.0
Propanoic acid, 1...	7.40	16.7	ug/L	464679	1	5.86	1391590	50.0
Propanoic acid, 2...	8.13	27.8	ug/L	832266	2	9.07	1495040	50.0
Propanoic acid, p...	8.40	45.3	ug/L	1354840	2	9.07	1495040	50.0
Butanoic acid, 1-...	8.88	54.7	ug/L	1634440	2	9.07	1495040	50.0
Butanoic acid, pr...	9.75	8.1	ug/L	241043	2	9.07	1495040	50.0
Benzene, 1,2,4-tr...	11.12	4.8	ug/L	128494	3	11.46	1338110	50.0
Benzene, 1,2,3-tr...	11.55	2.8	ug/L	73860	3	11.46	1338110	50.0
Indane	11.74	6.0	ug/L	160058	3	11.46	1338110	50.0
Benzene, 1-methyl...	12.23	2.7	ug/L	71890	3	11.46	1338110	50.0
Benzene, 1,2,4,5-...	12.68	2.7	ug/L	73218	3	11.46	1338110	50.0
1-Phenyl-1-butene	13.10	5.3	ug/L	142011	3	11.46	1338110	50.0
Naphthalene, 1-me...	15.04	4.2	ug/L	111679	3	11.46	1338110	50.0