LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031220\
Data File : VV014866.D
Acq On : 12 Mar 2020 14:28
Operator : SY/MD
Sample : L1892-05
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBER2

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_V\METHOD\SOMVLM030620WMA.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	1.316	63	70	84	rVB	176936	187834	9.85%	1.145%
2	1.579	145	152	168	rVB	127031	158002	8.28%	0.963%
3	2.119	311	320	337	rVB	278325	398098	20.87%	2.427%
4	2.627	474	478	480	rBV3	1234	960	0.05%	0.006%
5	2.743	513	514	515	rBV	431	112	0.01%	0.001%
6	2.779	522	525	527	rBV4	513	299	0.02%	0.002%
7	2.856	546	549	550	rBV	362	153	0.01%	0.001%
8	2.891	556	560	563	rBV3	672	447	0.02%	0.003%
9	2.907	563	565	568	rVB3	470	239	0.01%	0.001%
10	2.926	568	571	573	rBV	503	219	0.01%	0.001%
11	2.942	573	576	580	rBV	551	345	0.02%	0.002%
12	2.978	584	587	590	rVB4	1034	675	0.04%	0.004%
13	2.997	590	593	595	rBV2	955	555	0.03%	0.003%
14	3.029	601	603	608	rVB3	573	298	0.02%	0.002%
15	3.094	620	623	624	rBV	413	230	0.01%	0.001%
16	3.139	635	637	639	rBV2	793	294	0.02%	0.002%
17	3.177	644	649	650	rBV2	657	499	0.03%	0.003%
18	3.264	674	676	677	rBV	350	113	0.01%	0.001%
19	3.299	684	687	688	rBV	336	146	0.01%	0.001%
20	3.380	710	712	715	rVB	265	99	0.01%	0.001%
21	3.393	715	716	719	rVB2	478	199	0.01%	0.001%
22	3.409	719	721	726	rVB3	586	468	0.02%	0.003%
23	3.431	726	728	732	rBV2	559	274	0.01%	0.002%
24	3.451	732	734	736	rBV	281	143	0.01%	0.001%
25	3.463	736	738	741	rVB3	682	287	0.02%	0.002%
26	3.502	748	750	753	rVB	280	150	0.01%	0.001%
27	3.521	753	756	759	rBV	647	355	0.02%	0.002%
28	3.541	759	762	766	rVV3	718	651	0.03%	0.004%
29	3.573	769	772	774	rBV	651	405	0.02%	0.002%
30	3.586	774	776	778	rVB2	721	272	0.01%	0.002%
31	3.608	780	783	786	rBV5	627	419	0.02%	0.003%
32	3.643	792	794	798	rBV3	435	379	0.02%	0.002%
33	3.679	803	805	807	rVB2	586	218	0.01%	0.001%
34	3.692	807	809	810	rBV2	620	241	0.01%	0.001%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031220\
Data File : VV014866.D
Acq On : 12 Mar 2020 14:28
Operator : SY/MD
Sample : L1892-05
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBER2

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_V\METHOD\SOMVLM030620WMA.M
Title : VOC Analysis

35	3.740	820	824	825	rBV	334	210	0.01%	0.001%
36	3.798	841	842	846	rVB	519	211	0.01%	0.001%
37	3.814	846	847	849	rBV	386	202	0.01%	0.001%
38	3.881	866	868	869	rBV	804	276	0.01%	0.002%
39	3.926	870	882	922	rBV	62389	282107	14.79%	1.720%
40	4.248	979	982	984	rBV4	593	316	0.02%	0.002%
41	4.377	1006	1022	1045	rBV	224911	550708	28.87%	3.358%
42	4.537	1069	1072	1076	rBV4	1189	1087	0.06%	0.007%
43	4.573	1079	1083	1085	rVV2	589	516	0.03%	0.003%
44	4.586	1085	1087	1092	rVB3	1132	696	0.04%	0.004%
45	4.737	1132	1134	1136	rVB	485	175	0.01%	0.001%
46	4.750	1136	1138	1140	rVV	559	230	0.01%	0.001%
47	4.762	1140	1142	1145	rVB2	810	391	0.02%	0.002%
48	4.788	1148	1150	1153	rBV	532	232	0.01%	0.001%
49	4.833	1159	1164	1165	rBV	351	286	0.01%	0.002%
50	4.849	1166	1169	1170	rVV	593	251	0.01%	0.002%
51	4.865	1173	1174	1178	rVB2	486	211	0.01%	0.001%
52	4.888	1178	1181	1184	rBV2	616	400	0.02%	0.002%
53	4.926	1192	1193	1197	rVB3	529	254	0.01%	0.002%
54	4.946	1197	1199	1203	rVB3	683	383	0.02%	0.002%
55	4.965	1203	1205	1207	rVB	289	102	0.01%	0.001%
56	4.981	1207	1210	1212	rBV2	328	196	0.01%	0.001%
57	4.994	1212	1214	1216	rVB2	407	148	0.01%	0.001%
58	5.074	1216	1239	1268	rBV2	550144	1398247	73.30%	8.526%
59	5.306	1299	1311	1330	rBV	50525	118539	6.21%	0.723%
60	5.643	1393	1416	1435	rBV	496512	1161266	60.88%	7.081%
61	6.097	1546	1557	1583	rVB	309377	626479	32.84%	3.820%
62	6.486	1666	1678	1712	rBV	942237	1907565	100.00%	11.632%
63	7.007	1829	1840	1860	rBV	178410	323638	16.97%	1.973%
64	7.209	1892	1903	1930	rBV	158561	296326	15.53%	1.807%
65	7.338	1931	1943	1962	rBV	707876	1222291	64.08%	7.453%
66	7.643	2027	2038	2055	rBV2	160353	283908	14.88%	1.731%
67	7.946	2121	2132	2148	rBV	304132	517713	27.14%	3.157%
68	8.113	2174	2184	2204	rVB2	429322	842675	44.18%	5.138%
69	8.212	2206	2215	2234	rVB	464130	753152	39.48%	4.592%
70	8.701	2355	2367	2389	rBV	653467	1067854	55.98%	6.511%
71	8.875	2408	2421	2435	rBV	708726	1174455	61.57%	7.161%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031220\
Data File : VV014866.D
Acq On : 12 Mar 2020 14:28
Operator : SY/MD
Sample : L1892-05
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBER2

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_V\METHOD\SOMVLM030620WMA.M
Title : VOC Analysis

72	9.405	2577	2586	2601	rVB3	18144	30348	1.59%	0.185%
73	9.566	2625	2636	2656	rBV	84108	138705	7.27%	0.846%
74	9.730	2682	2687	2696	rBV4	3869	5434	0.28%	0.033%
75	10.238	2831	2845	2859	rBV	457206	710663	37.25%	4.333%
76	10.347	2877	2879	2881	rBV2	964	664	0.03%	0.004%
77	10.691	2982	2986	2988	rBV3	635	366	0.02%	0.002%
78	10.785	3013	3015	3018	rBV3	611	283	0.01%	0.002%
79	10.965	3068	3071	3072	rBV2	342	186	0.01%	0.001%
80	11.064	3099	3102	3105	rBV4	990	845	0.04%	0.005%
81	11.270	3154	3166	3185	rBV	723279	1110078	58.19%	6.769%
82	11.482	3229	3232	3235	rBV2	768	552	0.03%	0.003%
83	11.643	3269	3282	3307	rBV	701249	1101558	57.75%	6.717%
84	11.916	3364	3367	3369	rBV2	442	302	0.02%	0.002%
85	11.968	3381	3383	3387	rBV5	742	457	0.02%	0.003%
86	12.010	3394	3396	3397	rBV	428	164	0.01%	0.001%
87	12.122	3428	3431	3437	rBV4	692	681	0.04%	0.004%
88	12.367	3501	3507	3516	rBV6	3223	4739	0.25%	0.029%
89	12.630	3586	3589	3592	rBV2	814	647	0.03%	0.004%
90	12.878	3664	3666	3669	rBV3	585	361	0.02%	0.002%
91	13.064	3721	3724	3725	rBV	518	307	0.02%	0.002%
92	13.096	3730	3734	3735	rBV2	515	343	0.02%	0.002%
93	13.206	3765	3768	3770	rBV2	710	486	0.03%	0.003%
94	13.248	3778	3781	3782	rBV	497	262	0.01%	0.002%
95	13.537	3864	3871	3872	rBV4	997	1071	0.06%	0.007%
96	13.759	3939	3940	3941	rBV4	785	257	0.01%	0.002%
97	13.801	3949	3953	3961	rBV5	912	1206	0.06%	0.007%
98	14.405	4139	4141	4143	rBV3	1082	392	0.02%	0.002%
99	14.563	4188	4190	4194	rBV3	920	603	0.03%	0.004%

Sum of corrected areas: 16399734

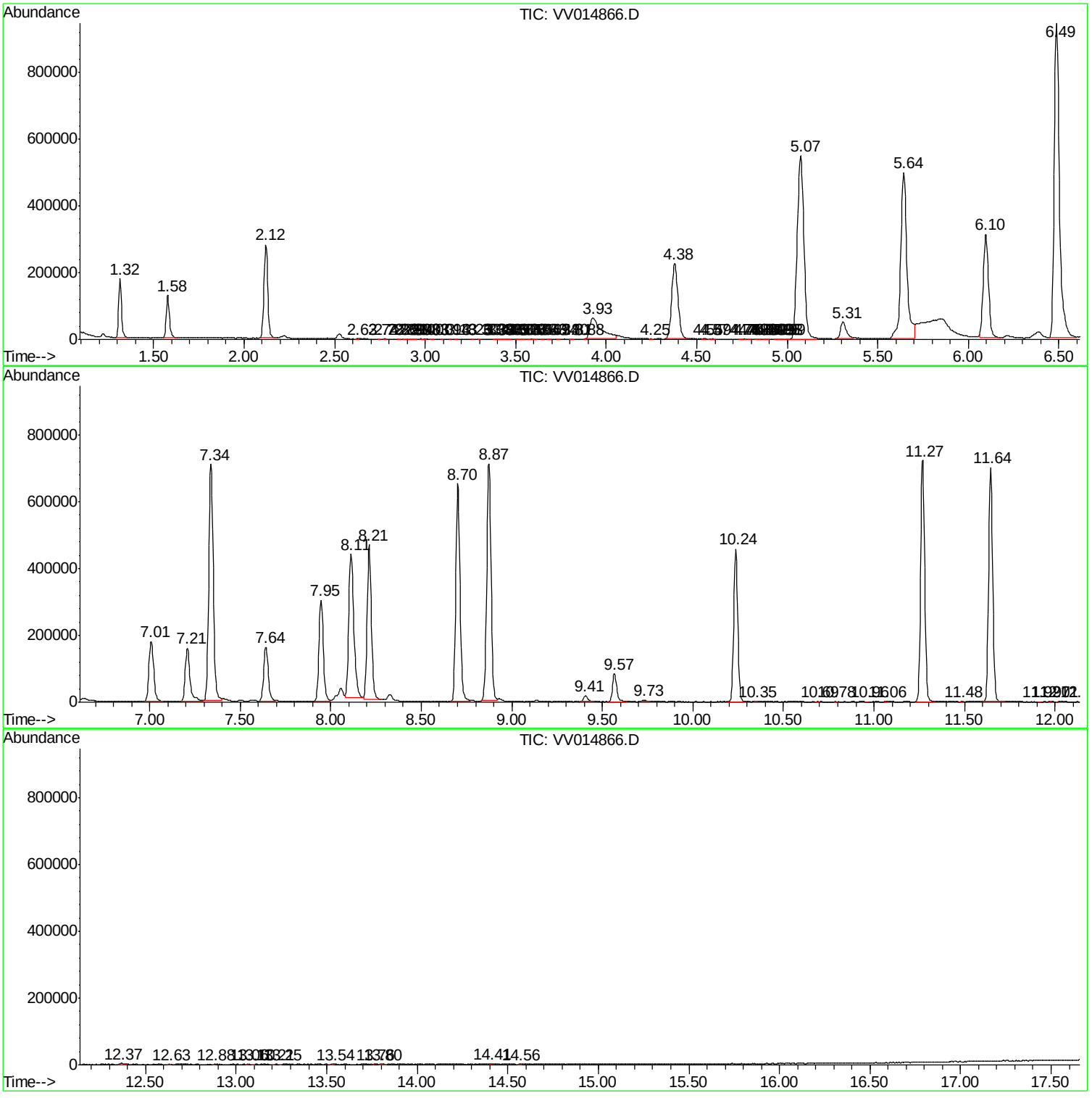
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031220\
Data File : VV014866.D
Acq On : 12 Mar 2020 14:28
Operator : SY/MD
Sample : L1892-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBER2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.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_V\DATA\VV031220\
Data File : VV014866.D
Acq On : 12 Mar 2020 14:28
Operator : SY/MD
Sample : L1892-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBER2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

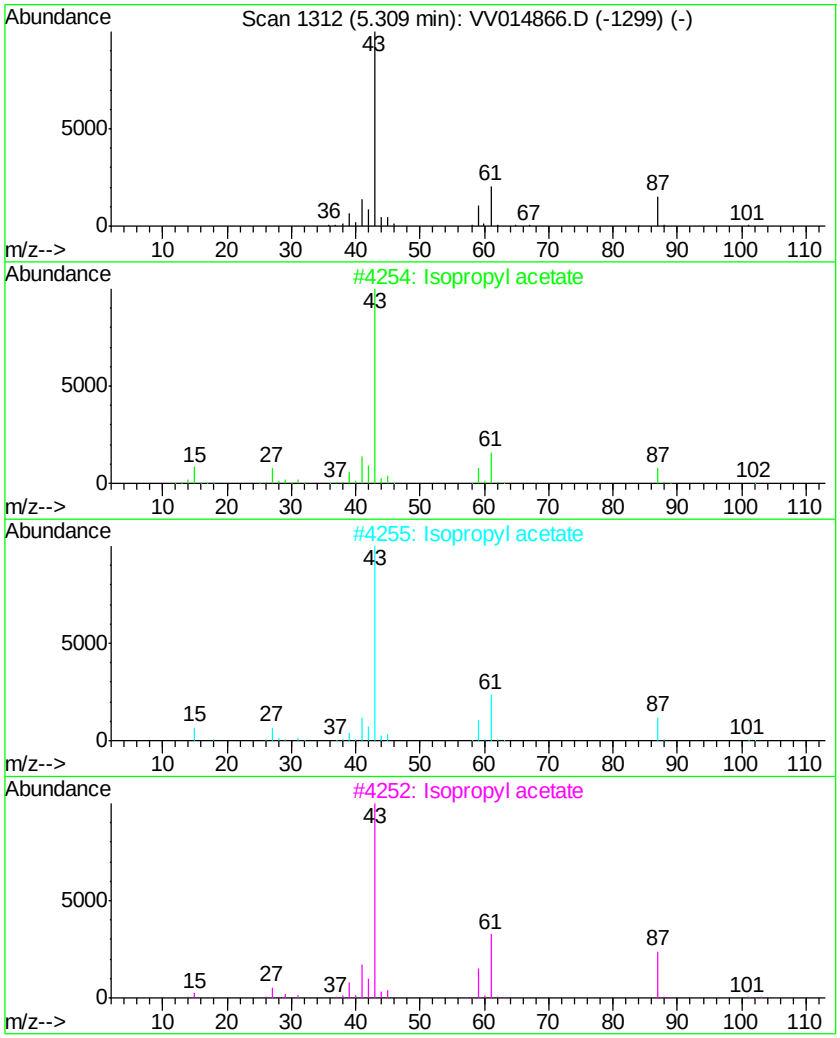
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

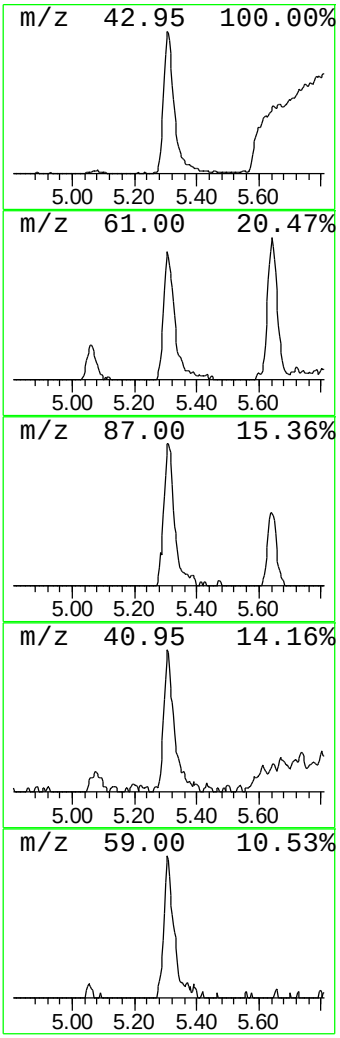
****

Peak Number 1 Isopropyl acetate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.31	5.10 ug/L	118539	1,4-Difluorobenzene	5.64

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	83
3	Isopropyl acetate	102	C5H10O2	000108-21-4	78
4	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	50
5	2-Pentanol, acetate	130	C7H14O2	000626-38-0	25





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031220\
Data File : VV014866.D
Acq On : 12 Mar 2020 14:28
Operator : SY/MD
Sample : L1892-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBER2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

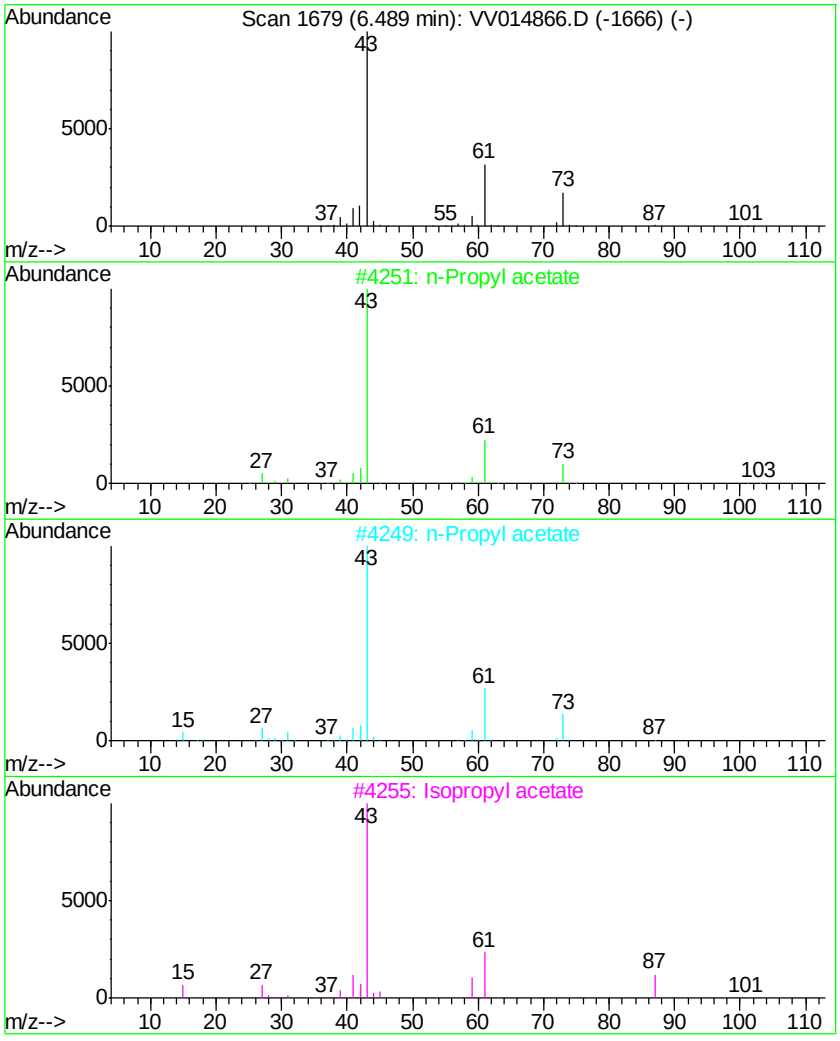
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

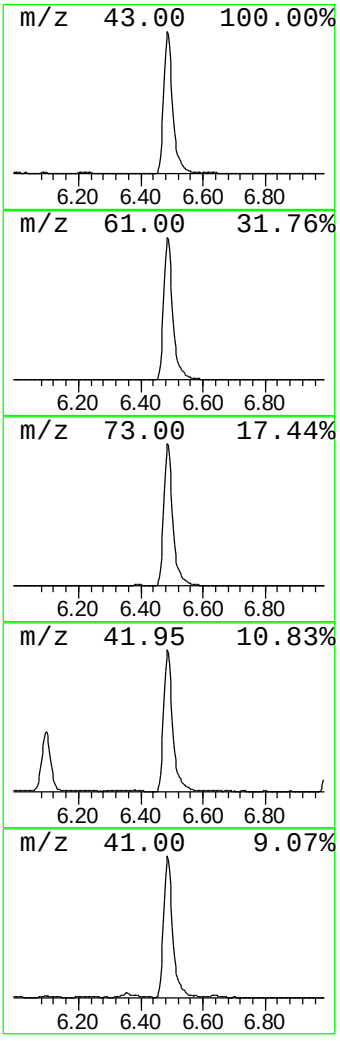
****

Peak Number 2 n-Propyl acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	82.13 ug/L	1907570	1,4-Difluorobenzene	5.64

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031220\
Data File : VV014866.D
Acq On : 12 Mar 2020 14:28
Operator : SY/MD
Sample : L1892-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBER2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

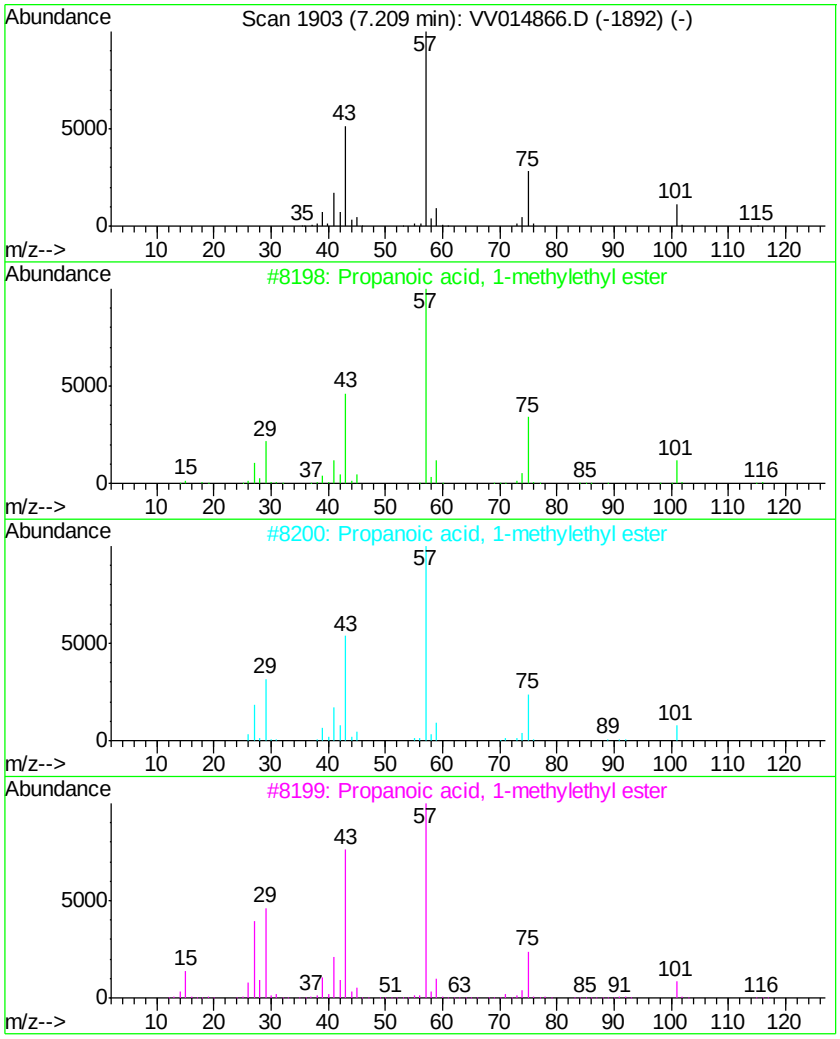
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

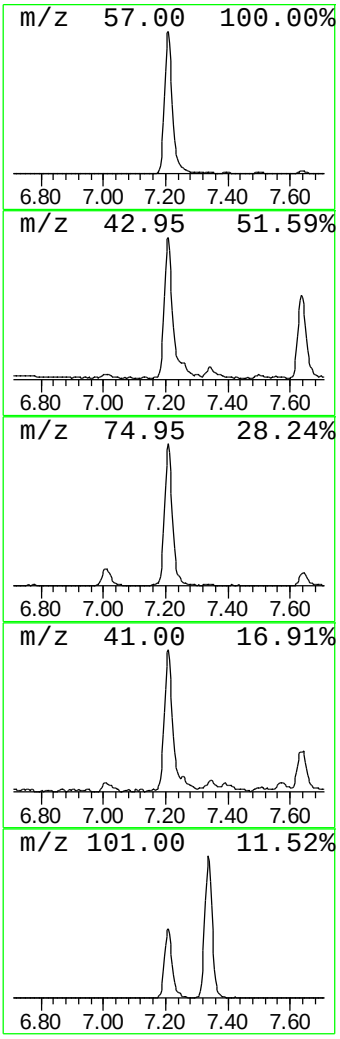
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	12.76 ug/L	296326	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	78
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	78
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	50
4	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	45
5	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031220\
Data File : VV014866.D
Acq On : 12 Mar 2020 14:28
Operator : SY/MD
Sample : L1892-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBER2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

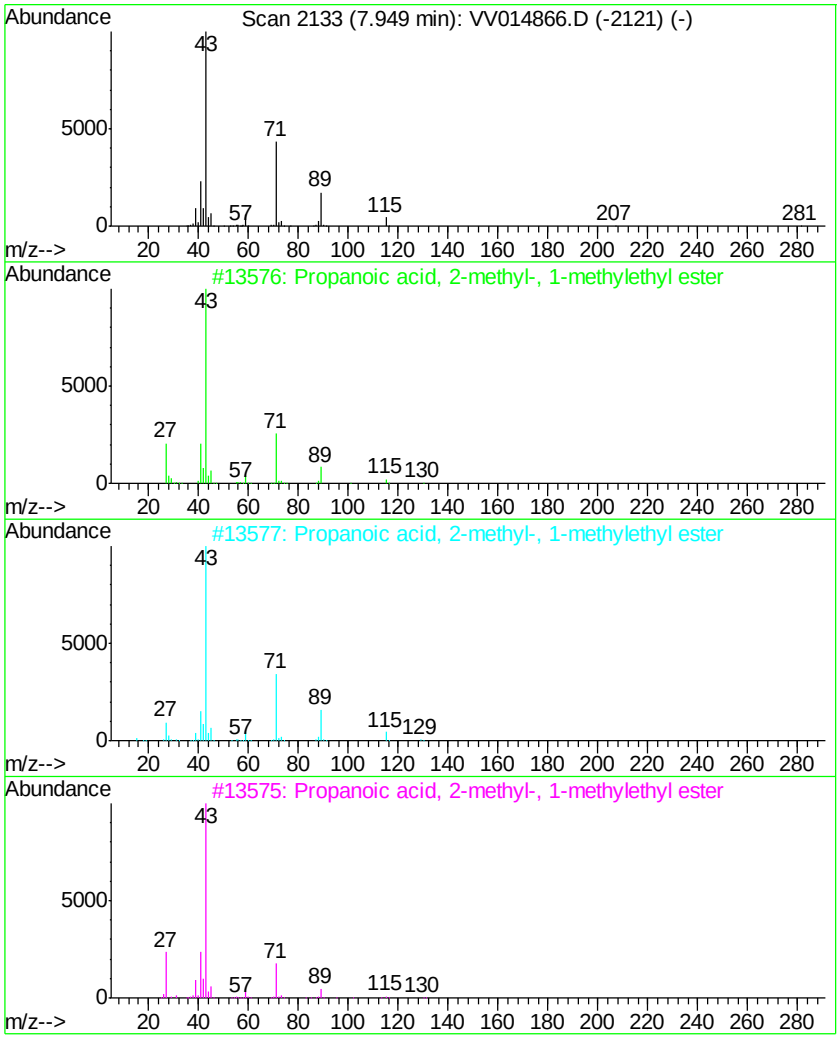
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

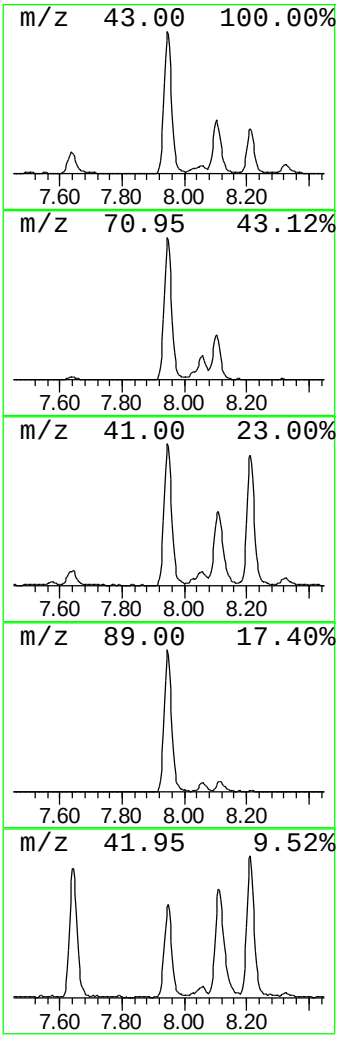
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	22.04 ug/L	517713	Chlorobenzene-d5	8.87

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	83
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	78
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	78
5	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	56





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031220\
Data File : VV014866.D
Acq On : 12 Mar 2020 14:28
Operator : SY/MD
Sample : L1892-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBER2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

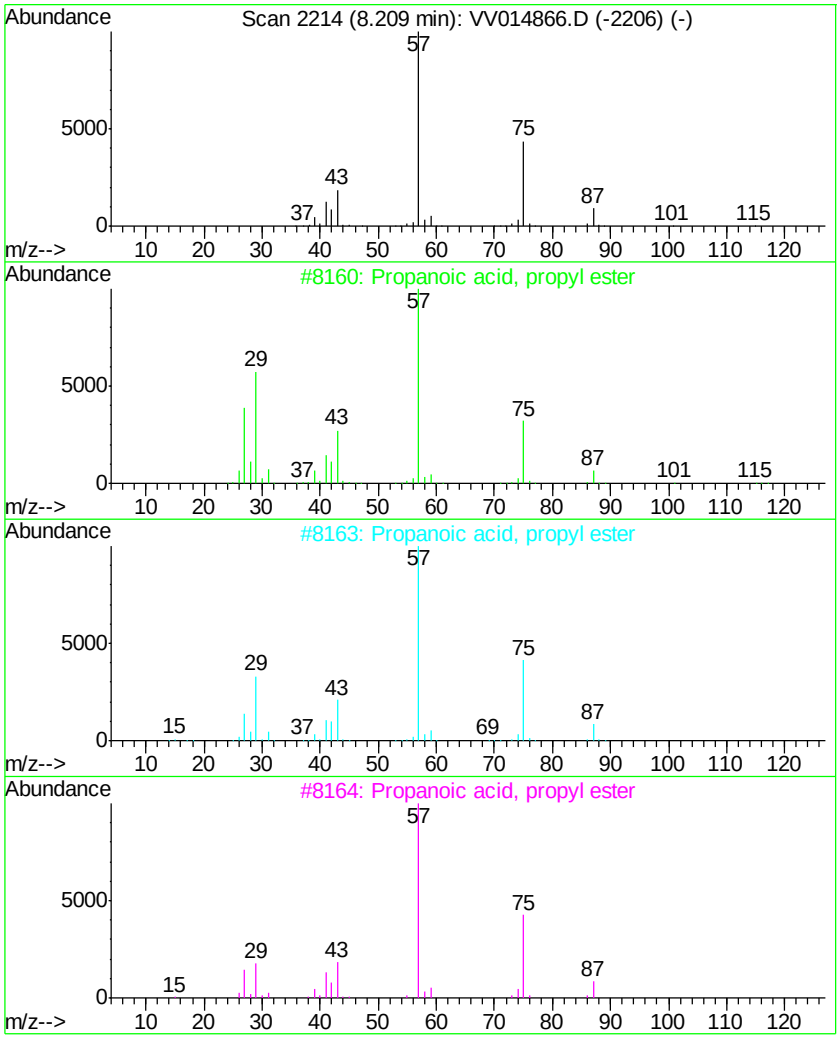
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

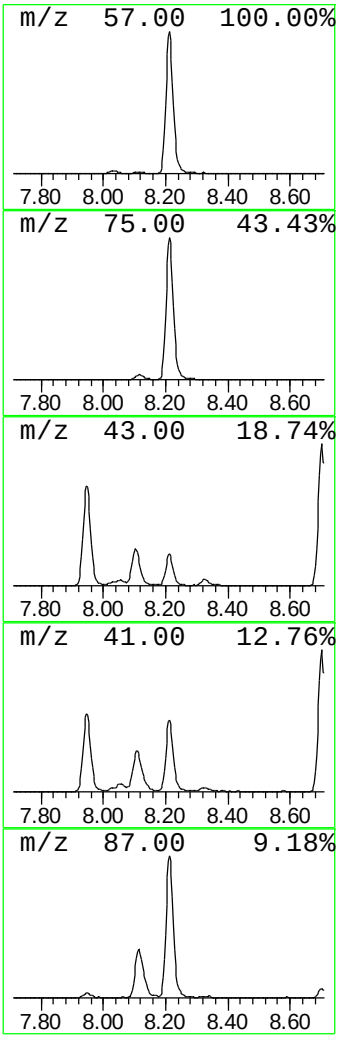
****

Peak Number 6 Propanoic acid, propyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	32.06 ug/L	753152	Chlorobenzene-d5	8.87

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	72
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	28





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031220\
Data File : VV014866.D
Acq On : 12 Mar 2020 14:28
Operator : SY/MD
Sample : L1892-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBER2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

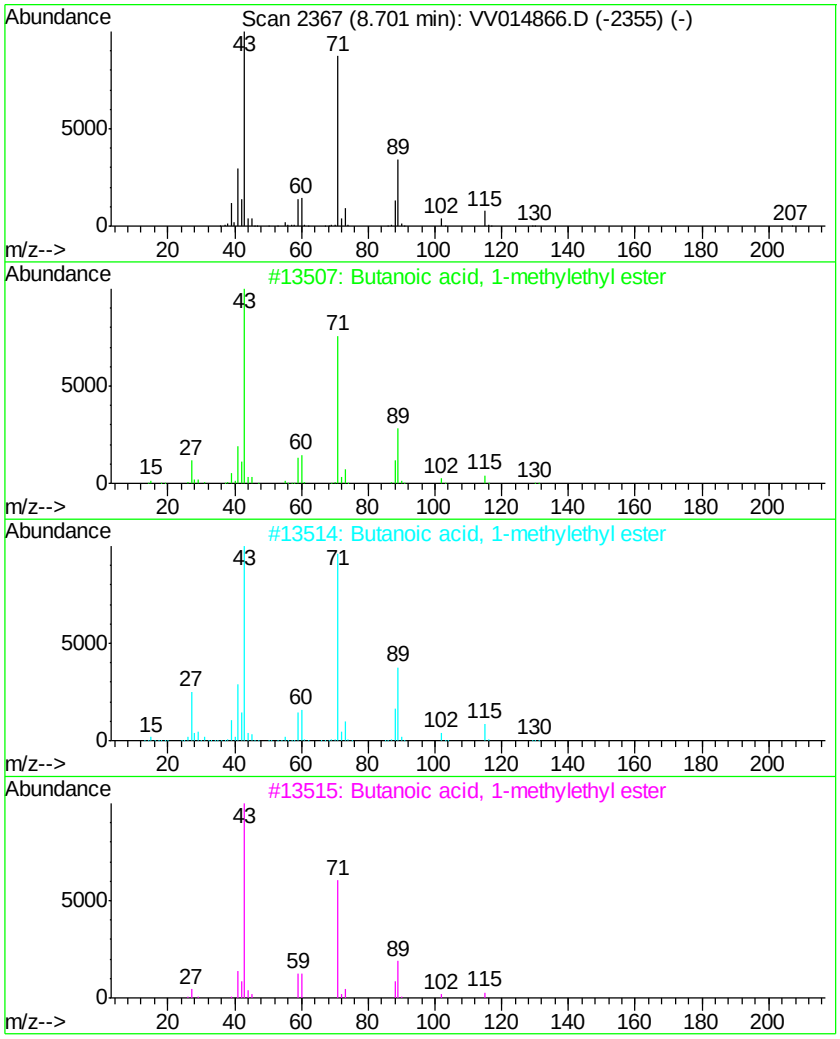
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

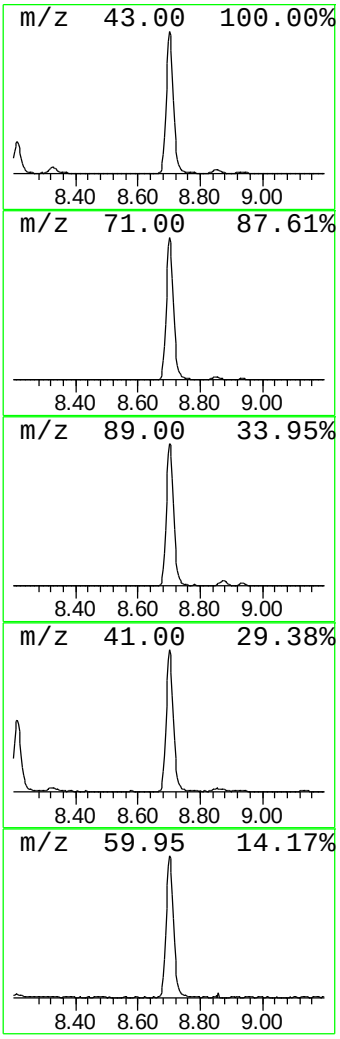
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	45.46 ug/L	1067850	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	97
2	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	91
3	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	78
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031220\
Data File : VV014866.D
Acq On : 12 Mar 2020 14:28
Operator : SY/MD
Sample : L1892-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBER2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

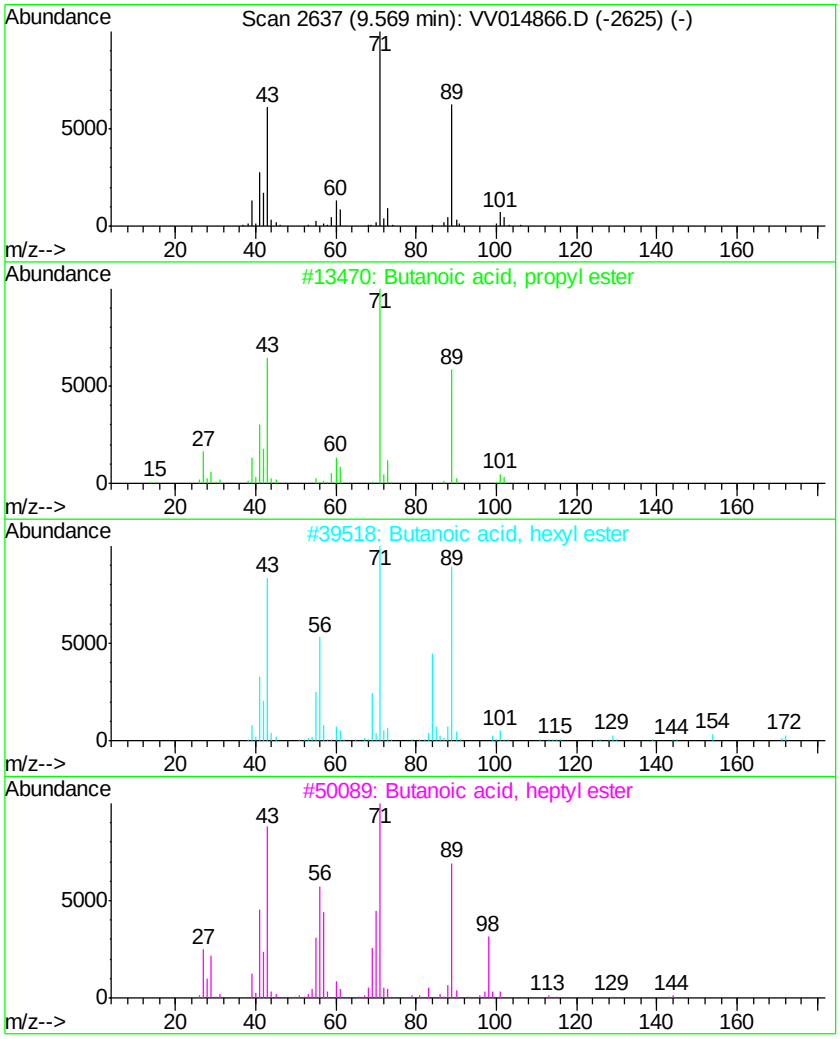
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

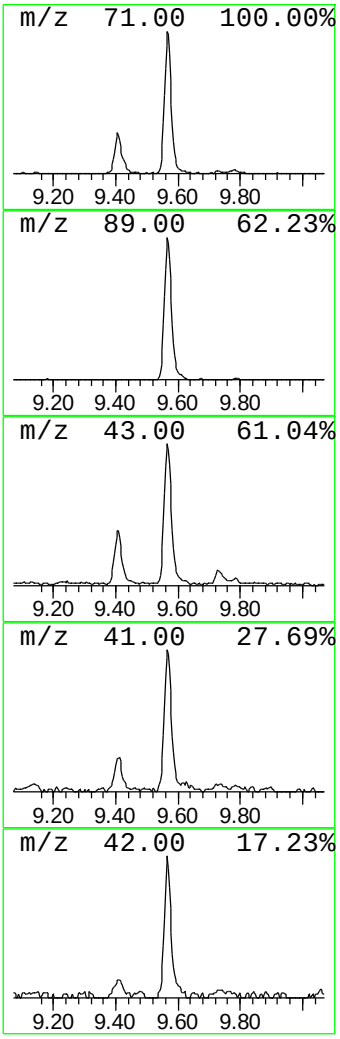
****

Peak Number 8 Butanoic acid, propyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	5.91 ug/L	138705	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	90
2	Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	72
3	Butanoic acid, heptyl ester	186	C11H22O2	005870-93-9	72
4	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	72
5	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031220\
Data File : VV014866.D
Acq On : 12 Mar 2020 14:28
Operator : SY/MD
Sample : L1892-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBER2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.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	5.31	5.1	ug/L	118539	1	5.64	1161270	50.0
n-Propyl acetate	6.49	82.1	ug/L	1907570	1	5.64	1161270	50.0
Propanoic acid, 1...	7.21	12.8	ug/L	296326	1	5.64	1161270	50.0
Propanoic acid, 2...	7.95	22.0	ug/L	517713	2	8.87	1174460	50.0
Propanoic acid, p...	8.21	32.1	ug/L	753152	2	8.87	1174460	50.0
Butanoic acid, 1-...	8.70	45.5	ug/L	1067850	2	8.87	1174460	50.0
Butanoic acid, pr...	9.57	5.9	ug/L	138705	2	8.87	1174460	50.0