LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062222\
Data File : VU049347.D
Acq On : 22 Jun 2022 13:25
Operator : SY/MD
Sample : N3392-01 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXEX6

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\SFAMULM061022WMA.M
Title : VOC Analysis

Signal : TIC: VU049347.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.597	74	80	94	rBV	78624	87479	10.50%	1.156%
2	1.906	169	176	194	rVB	68814	91307	10.96%	1.206%
3	2.565	370	381	395	rBV	139186	222276	26.68%	2.936%
4	2.793	444	452	457	rBV5	785	1331	0.16%	0.018%
5	3.044	522	530	541	rVB5	3383	5744	0.69%	0.076%
6	3.089	541	544	545	rBV	213	97	0.01%	0.001%
7	3.186	561	574	589	rBV2	15440	35149	4.22%	0.464%
8	3.337	619	621	625	rVB2	212	85	0.01%	0.001%
9	3.407	641	643	646	rVB2	211	97	0.01%	0.001%
10	3.459	658	659	661	rVB2	207	79	0.01%	0.001%
11	3.568	691	693	696	rBV	397	305	0.04%	0.004%
12	3.642	714	716	718	rBV	195	111	0.01%	0.001%
13	3.687	729	730	733	rVB	378	171	0.02%	0.002%
14	3.703	733	735	737	rBV	370	216	0.03%	0.003%
15	3.787	759	761	766	rVB	250	190	0.02%	0.003%
16	3.813	766	769	770	rBV	182	99	0.01%	0.001%
17	3.874	785	788	791	rVB2	211	119	0.01%	0.002%
18	3.890	791	793	796	rBV2	271	176	0.02%	0.002%
19	3.906	796	798	802	rBV2	264	163	0.02%	0.002%
20	4.002	824	828	830	rBV2	294	196	0.02%	0.003%
21	4.047	840	842	845	rVB2	137	74	0.01%	0.001%
22	4.070	845	849	852	rBV2	299	305	0.04%	0.004%
23	4.198	887	889	890	rBV2	138	62	0.01%	0.001%
24	4.256	906	907	908	rBV2	117	36	0.00%	0.000%
25	4.314	920	925	928	rVB2	299	267	0.03%	0.004%
26	4.337	928	932	936	rBV2	209	210	0.03%	0.003%
27	4.378	942	945	946	rBV	235	93	0.01%	0.001%
28	4.472	971	974	976	rBV2	256	145	0.02%	0.002%
29	4.533	991	993	996	rVB2	181	100	0.01%	0.001%
30	4.558	996	1001	1003	rBV2	358	318	0.04%	0.004%
31	4.623	1008	1021	1063	rVV	125804	323831	38.87%	4.277%
32	4.993	1134	1136	1140	rVB3	368	214	0.03%	0.003%
33	5.063	1142	1158	1178	rVV	156805	346915	41.64%	4.582%
34	5.185	1194	1196	1200	rVB2	229	171	0.02%	0.002%
35	5.205	1200	1202	1204	rBV3	349	176	0.02%	0.002%
36	5.224	1206	1208	1210	rVB2	244	97	0.01%	0.001%

LSC Area Percent Report

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Acq On : 22 Jun 2022 13:25
Operator : SY/MD
Sample : N3392-01 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXEX6

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\SFAMULM061022WMA.M
Title : VOC Analysis

37	5.266	1218	1221	1225	rBV	191	135	0.02%	0.002%
38	5.288	1225	1228	1230	rBV	425	304	0.04%	0.004%
39	5.343	1242	1245	1247	rBV	187	82	0.01%	0.001%
40	5.394	1259	1261	1266	rVB2	229	124	0.01%	0.002%
41	5.443	1274	1276	1279	rBV	106	76	0.01%	0.001%
42	5.462	1280	1282	1286	rVB	223	140	0.02%	0.002%
43	5.517	1297	1299	1302	rVB	320	157	0.02%	0.002%
44	5.591	1319	1322	1326	rBV2	203	165	0.02%	0.002%
45	5.626	1330	1333	1335	rBV2	169	100	0.01%	0.001%
46	5.722	1342	1363	1387	rBV2	304862	833112	100.00%	11.005%
47	5.915	1413	1423	1440	rBV2	8771	16636	2.00%	0.220%
48	6.047	1461	1464	1468	rBV	511	348	0.04%	0.005%
49	6.128	1487	1489	1492	rVB	200	97	0.01%	0.001%
50	6.250	1512	1527	1546	rBV	311674	588400	70.63%	7.772%
51	6.475	1590	1597	1605	rBV3	2398	3117	0.37%	0.041%
52	6.600	1634	1636	1641	rVB2	345	174	0.02%	0.002%
53	6.690	1649	1664	1685	rBV	210885	408556	49.04%	5.397%
54	6.880	1720	1723	1725	rBV2	198	149	0.02%	0.002%
55	6.925	1726	1737	1753	rVV2	4566	10305	1.24%	0.136%
56	7.041	1760	1773	1800	rBV	114063	210228	25.23%	2.777%
57	7.311	1855	1857	1864	rVB3	227	166	0.02%	0.002%
58	7.346	1865	1868	1871	rVB	269	162	0.02%	0.002%
59	7.365	1871	1874	1877	rBV3	411	226	0.03%	0.003%
60	7.565	1924	1936	1955	rBV	110221	195092	23.42%	2.577%
61	7.738	1981	1990	2003	rBV2	19886	32490	3.90%	0.429%
62	7.848	2022	2024	2026	rBV2	271	136	0.02%	0.002%
63	7.896	2026	2039	2058	rBV	358981	621226	74.57%	8.206%
64	8.179	2107	2127	2145	rBV2	82979	171549	20.59%	2.266%
65	8.465	2206	2216	2230	rBV2	22429	36813	4.42%	0.486%
66	8.574	2236	2250	2256	rBV5	5535	10978	1.32%	0.145%
67	8.632	2257	2268	2289	rVV	357474	642931	77.17%	8.492%
68	8.726	2291	2297	2321	rVV	73113	119157	14.30%	1.574%
69	8.835	2321	2331	2346	rVB2	28923	46268	5.55%	0.611%
70	9.137	2424	2425	2426	rBV	163	59	0.01%	0.001%
71	9.211	2437	2448	2467	rBV	78893	123677	14.85%	1.634%
72	9.417	2500	2512	2535	rBV	423016	689663	82.78%	9.110%
73	9.571	2556	2560	2562	rBV	504	357	0.04%	0.005%
74	9.635	2575	2580	2582	rBV2	778	690	0.08%	0.009%
75	9.680	2591	2594	2597	rBV	280	181	0.02%	0.002%
76	9.796	2626	2630	2633	rBV	293	217	0.03%	0.003%

LSC Area Percent Report

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Operator : SY/MD
Sample : N3392-01 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXEX6

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\SFAMULM061022WMA.M
Title : VOC Analysis

77	9.922	2662	2669	2678	rBV4	839	1391	0.17%	0.018%
78	10.044	2702	2707	2708	rBV	421	317	0.04%	0.004%
79	10.073	2708	2716	2727	rVB3	4095	6670	0.80%	0.088%
80	10.121	2730	2731	2732	rBV3	217	65	0.01%	0.001%
81	10.581	2870	2874	2877	rBV3	273	268	0.03%	0.004%
82	10.754	2916	2928	2945	rBV	310524	502277	60.29%	6.635%
83	10.970	2992	2995	2999	rBV2	291	266	0.03%	0.004%
84	11.034	3012	3015	3018	rBV2	342	247	0.03%	0.003%
85	11.298	3092	3097	3100	rBV2	484	455	0.05%	0.006%
86	11.812	3245	3257	3277	rBV	392147	617354	74.10%	8.155%
87	12.192	3363	3375	3391	rBV	351217	558476	67.03%	7.377%

Sum of corrected areas: 7570633

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Acq On : 22 Jun 2022 13:25
Operator : SY/MD
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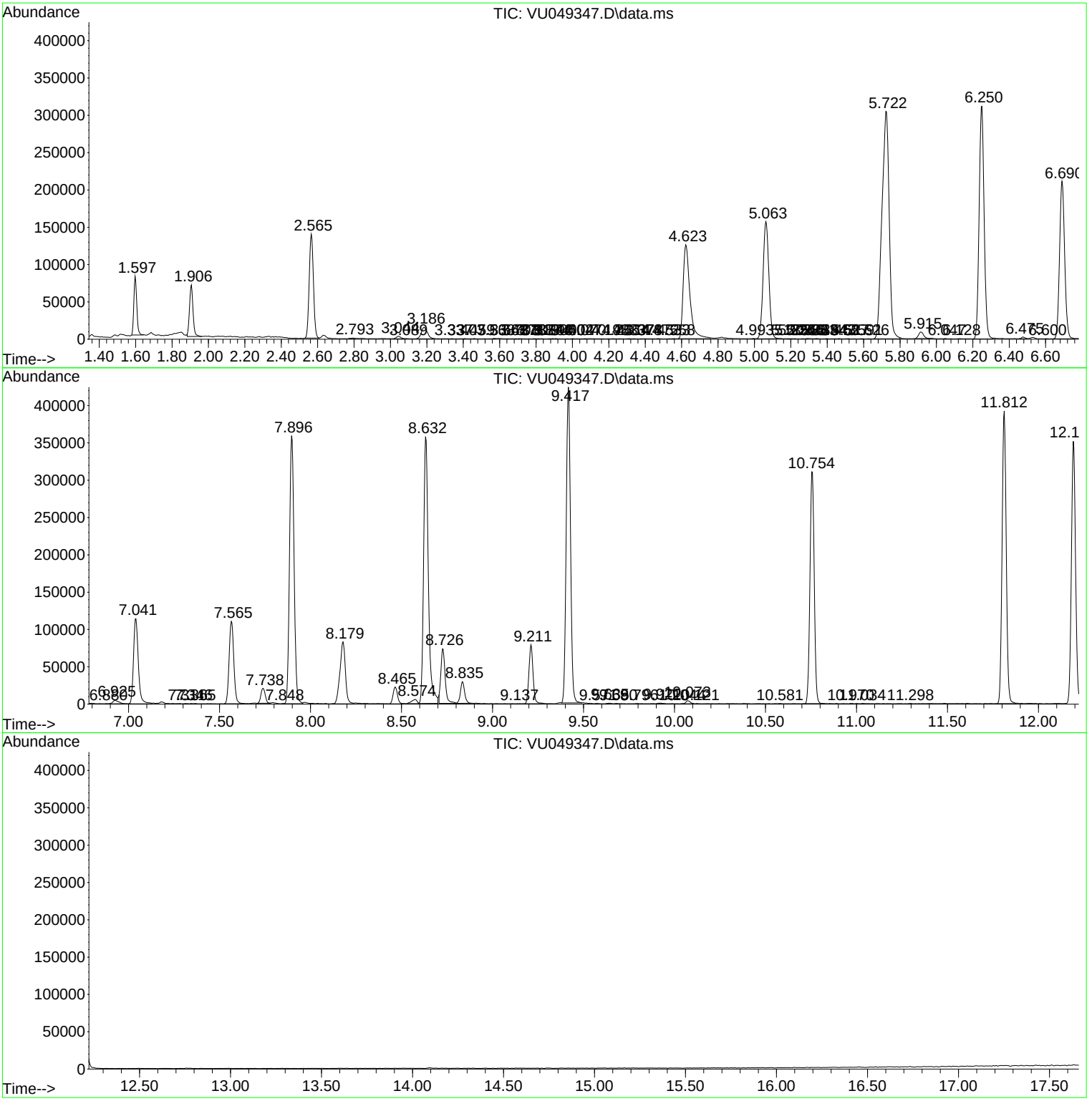
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXEX6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062222\
Data File : VU049347.D
Acq On : 22 Jun 2022 13:25
Operator : SY/MD
Sample : N3392-01 10X
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXEX6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

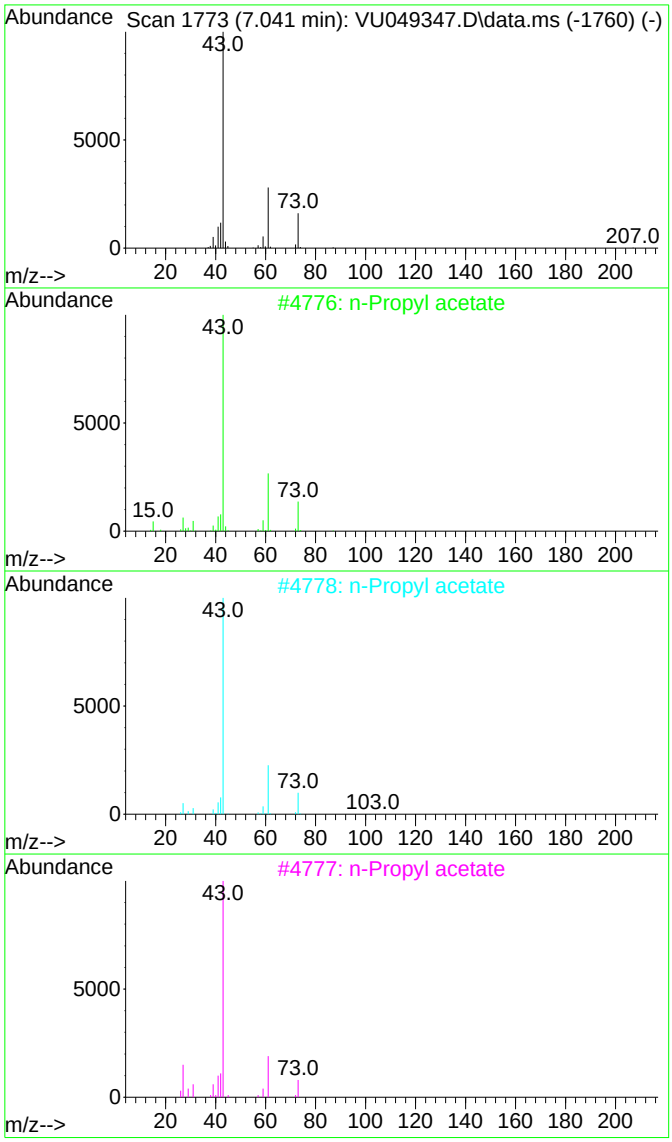
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

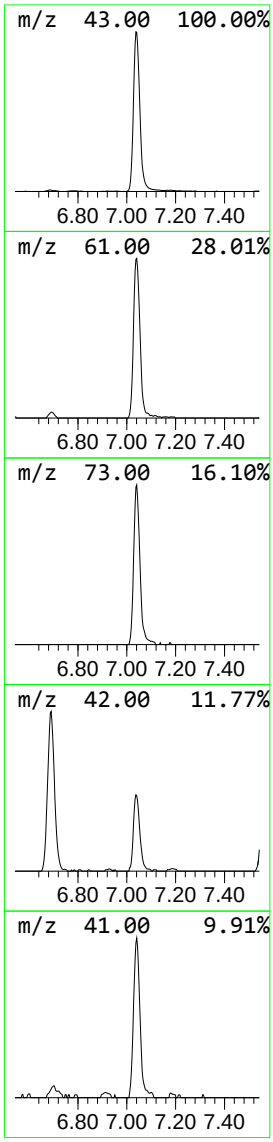
****

Peak Number 2 n-Propyl acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.041	17.86 ug/L	210228	1,4-Difluorobenzene	6.250

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	n-Propyl acetate	102	C5H10O2	000109-60-4	78
5	n-Propyl acetate	102	C5H10O2	000109-60-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062222\
Data File : VU049347.D
Acq On : 22 Jun 2022 13:25
Operator : SY/MD
Sample : N3392-01 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXEX6

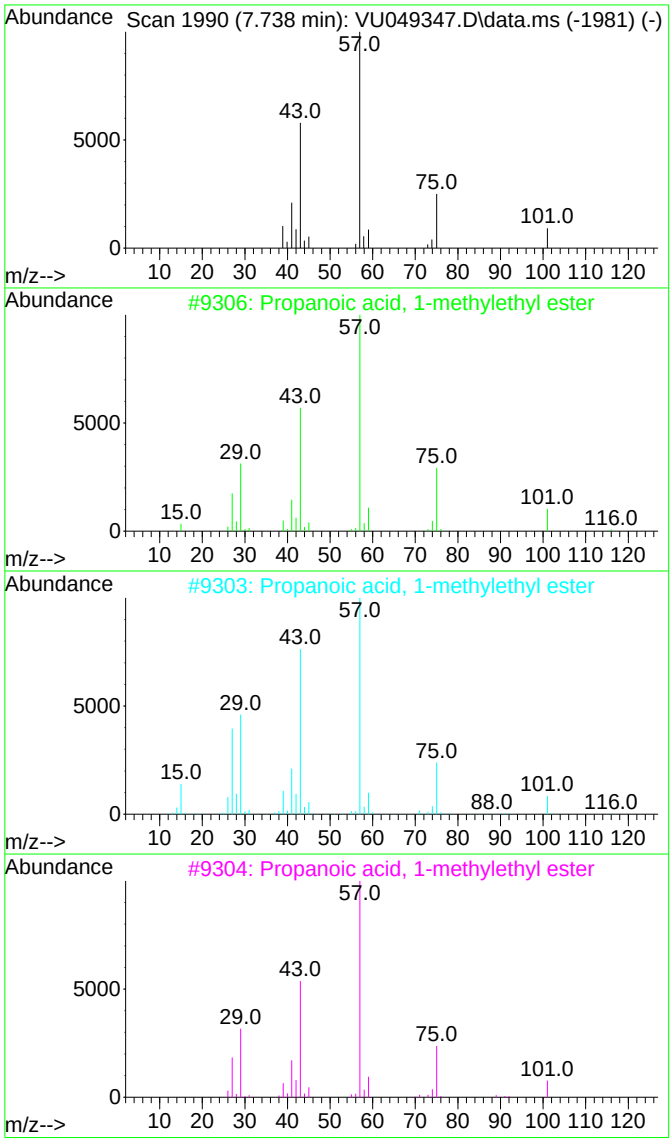
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

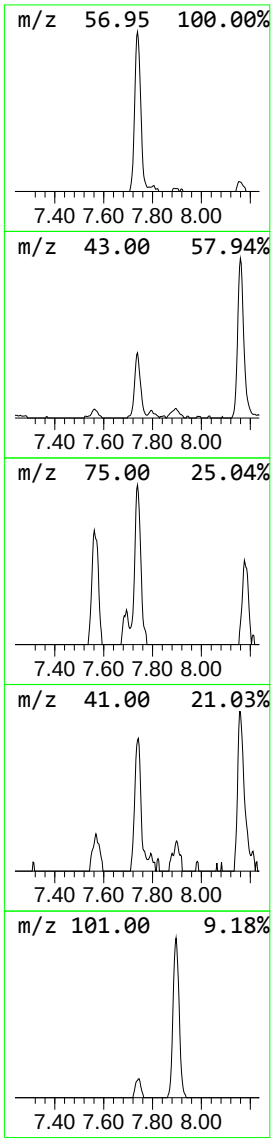
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Propanoic acid, 1-methyleth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.738	2.76 ug/L	32490	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	83
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	83
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	72
4	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	56
5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062222\
Data File : VU049347.D
Acq On : 22 Jun 2022 13:25
Operator : SY/MD
Sample : N3392-01 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXEX6

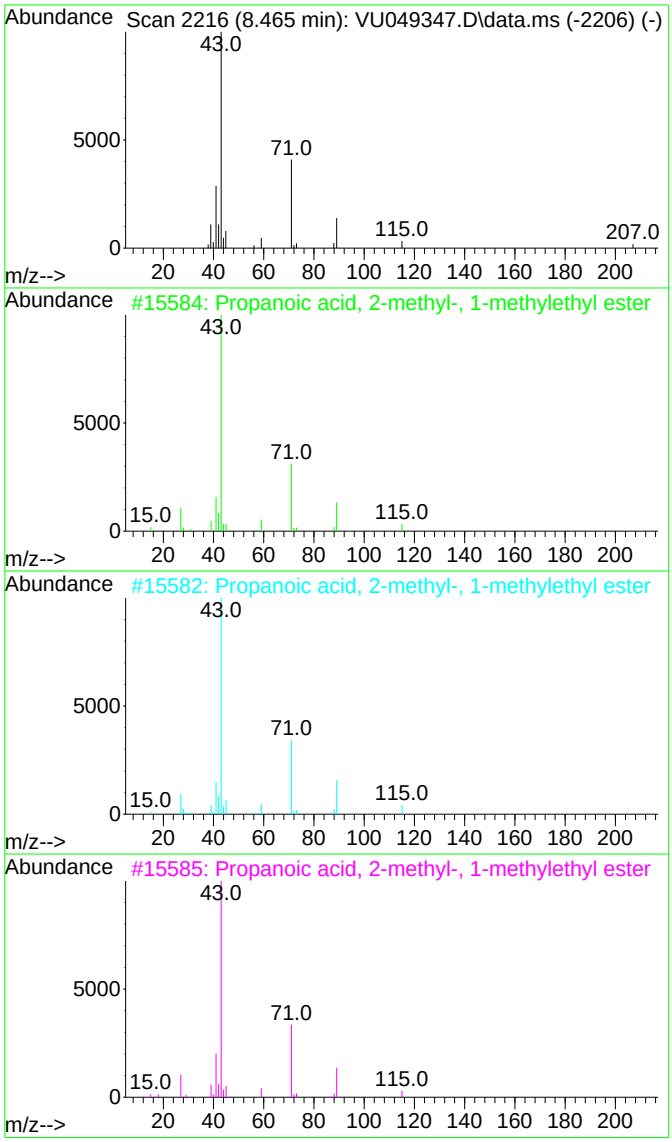
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

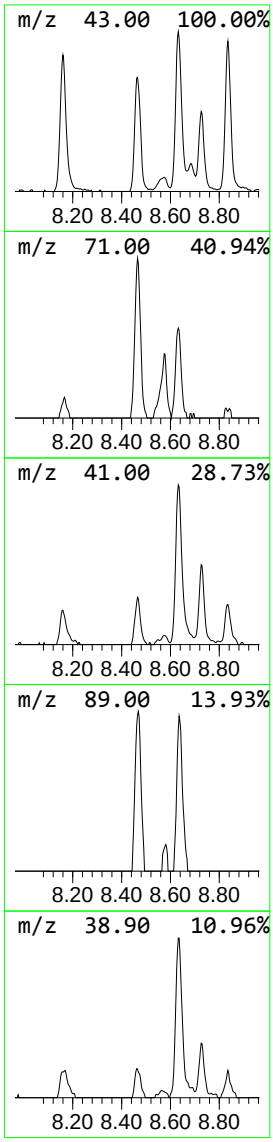
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Propanoic acid, 2-methyl-, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.465	2.67 ug/L	36813	Chlorobenzene-d5	9.417

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-, propy...	130	C7H14O2	000644-49-5	78
5	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062222\
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXEX6

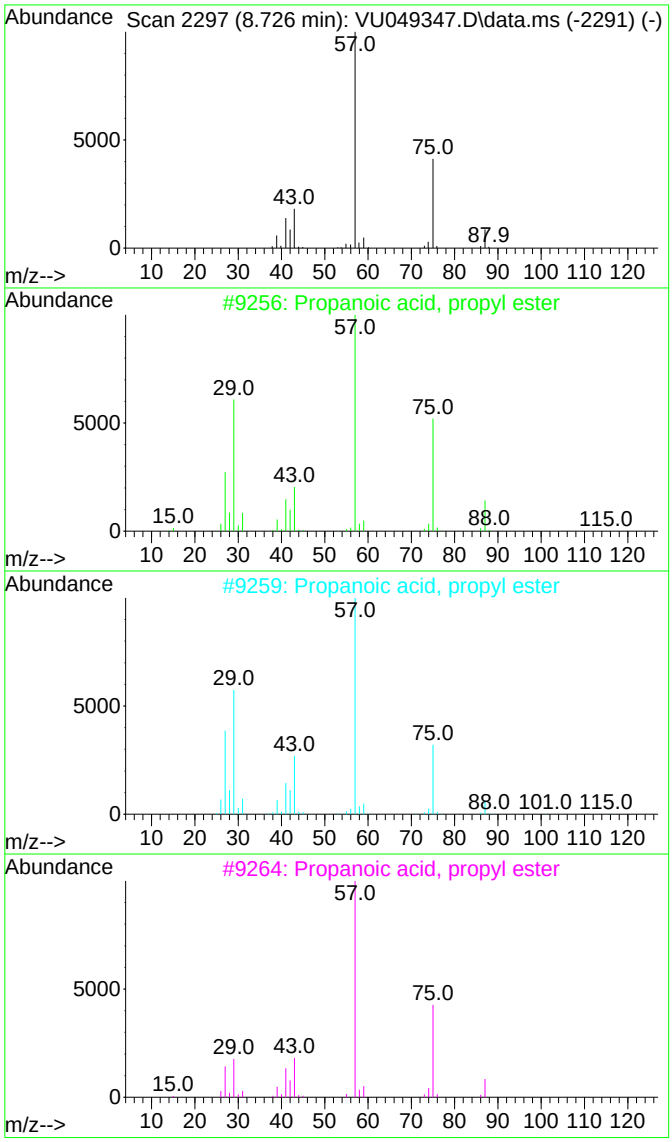
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

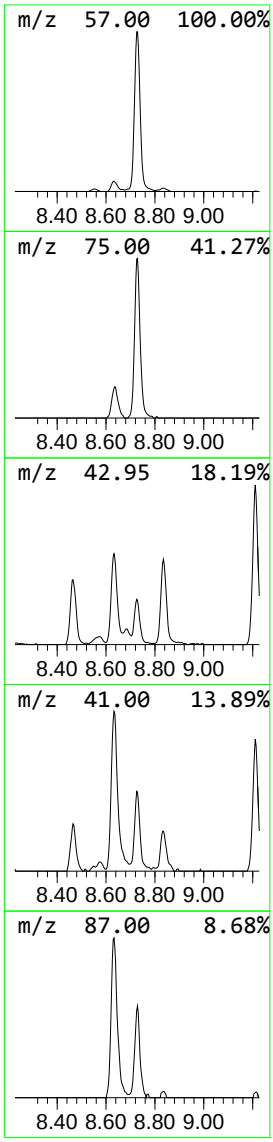
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Propanoic acid, propyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.726	8.64 ug/L	119157	Chlorobenzene-d5	9.417

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, propyl ester	116	C6H12O2	000106-36-5	47





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Data File : VU049347.D
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Operator : SY/MD
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXEX6

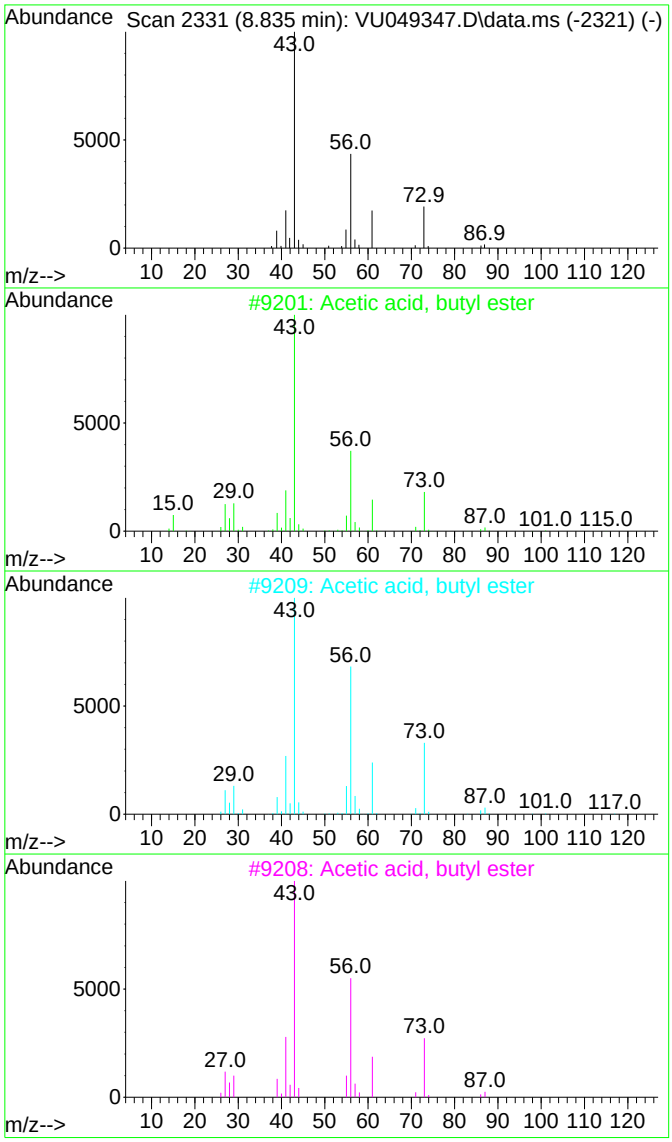
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

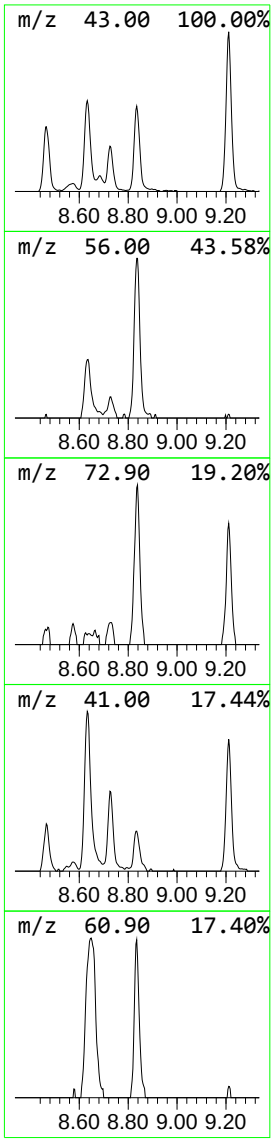
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Acetic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.835	3.35 ug/L	46268	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	83
2	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	78
3	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	78
4	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	78
5	Isobutylamine	73	C4H11N	000078-81-9	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062222\
Data File : VU049347.D
Acq On : 22 Jun 2022 13:25
Operator : SY/MD
Sample : N3392-01 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXEX6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

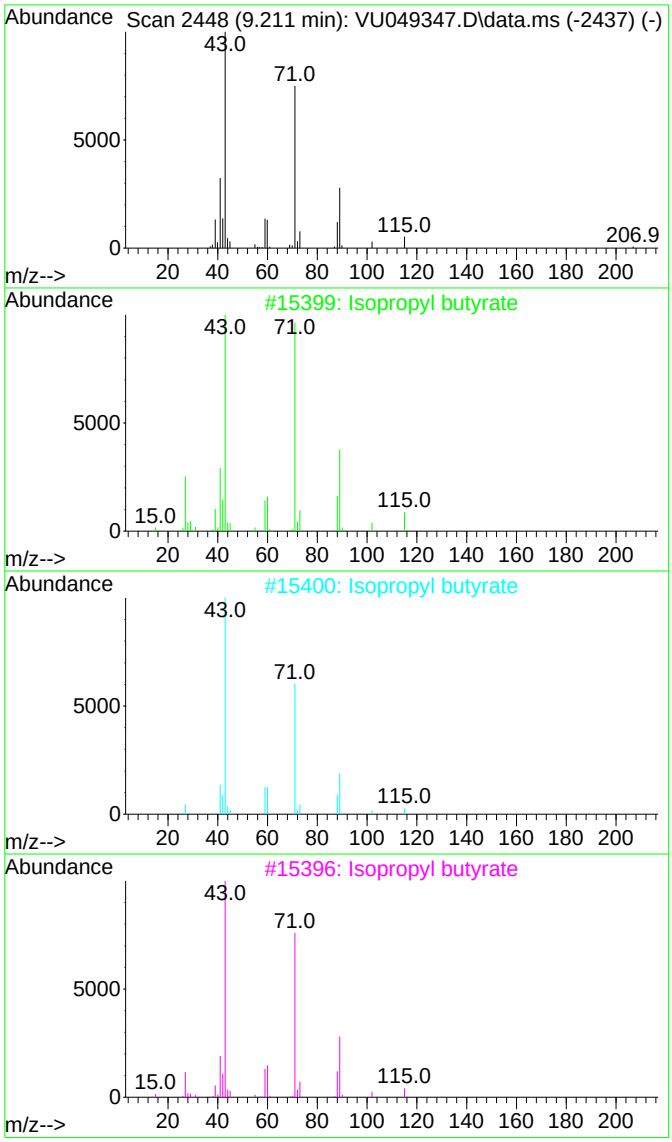
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

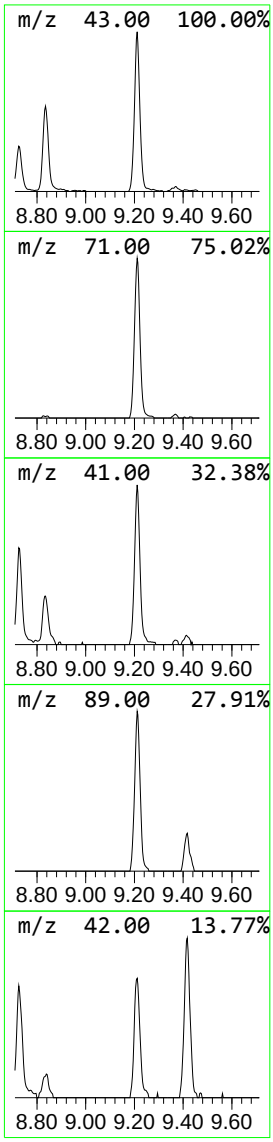
****

Peak Number 8 Isopropyl butyrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.211	8.97 ug/L	123677	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl butyrate	130	C7H14O2	000638-11-9	90
2	Isopropyl butyrate	130	C7H14O2	000638-11-9	90
3	Isopropyl butyrate	130	C7H14O2	000638-11-9	90
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062222\
Data File : VU049347.D
Acq On : 22 Jun 2022 13:25
Operator : SY/MD
Sample : N3392-01 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXEX6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Propyl acetate	7.041	17.9	ug/L	210228	1	6.250	588400	50.0
Propanoic acid,...	7.738	2.8	ug/L	32490	1	6.250	588400	50.0
Propanoic acid,...	8.465	2.7	ug/L	36813	2	9.417	689663	50.0
Propanoic acid,...	8.726	8.6	ug/L	119157	2	9.417	689663	50.0
Acetic acid, bu...	8.835	3.4	ug/L	46268	2	9.417	689663	50.0
Isopropyl butyrate	9.211	9.0	ug/L	123677	2	9.417	689663	50.0