LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037648.D
Acq On : 30 Sep 2024 12:44
Operator : SY/MD
Sample : PB163749ZHE#13
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#13

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\SFAMVLM092624WMA.M
Title : VOC Analysis

Signal : TIC: VV037648.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.089	12	15	23	rVB3	6051	5603	0.17%	0.016%
2	1.175	36	42	51	rBV2	14205	20039	0.60%	0.058%
3	1.281	68	75	90	rVV	308038	335670	10.06%	0.977%
4	1.352	93	97	107	rVB2	12136	13868	0.42%	0.040%
5	1.535	146	154	169	rVB	289233	343438	10.29%	0.999%
6	2.060	307	317	328	rBV	593096	857765	25.70%	2.495%
7	2.114	328	334	352	rVB	63984	109697	3.29%	0.319%
8	2.445	430	437	451	rVB	32427	53076	1.59%	0.154%
9	3.092	628	638	659	rVB4	33996	84016	2.52%	0.244%
10	3.317	705	708	710	rBV3	708	430	0.01%	0.001%
11	3.339	712	715	717	rVB3	1134	657	0.02%	0.002%
12	3.481	757	759	763	rVB2	639	414	0.01%	0.001%
13	3.510	763	768	770	rBV3	620	588	0.02%	0.002%
14	3.529	770	774	779	rVB5	692	682	0.02%	0.002%
15	3.555	779	782	784	rBV3	1152	619	0.02%	0.002%
16	3.584	786	791	795	rVB5	1073	781	0.02%	0.002%
17	3.629	802	805	808	rBV4	468	402	0.01%	0.001%
18	3.670	817	818	823	rVB2	826	530	0.02%	0.002%
19	3.706	823	829	832	rVB5	662	651	0.02%	0.002%
20	3.741	835	840	843	rBV3	736	594	0.02%	0.002%
21	3.793	847	856	884	rBV	128036	353564	10.59%	1.029%
22	4.085	945	947	950	rBV3	1227	618	0.02%	0.002%
23	4.149	965	967	970	rBV4	804	643	0.02%	0.002%
24	4.182	973	977	980	rBV5	1186	1088	0.03%	0.003%
25	4.243	980	996	1025	rBV2	460734	1161403	34.80%	3.379%
26	4.535	1084	1087	1089	rVV3	792	596	0.02%	0.002%
27	4.561	1092	1095	1098	rVV3	1012	766	0.02%	0.002%
28	4.584	1099	1102	1107	rVB4	1268	1051	0.03%	0.003%
29	4.670	1127	1129	1133	rBV5	778	442	0.01%	0.001%
30	4.738	1148	1150	1156	rVB3	867	650	0.02%	0.002%
31	4.818	1173	1175	1178	rVB4	1018	524	0.02%	0.002%
32	4.841	1178	1182	1185	rBV4	906	497	0.01%	0.001%
33	4.950	1200	1216	1245	rBV2	1070526	2736695	81.99%	7.962%
34	5.198	1283	1293	1327	rBV	149269	344282	10.31%	1.002%
35	5.529	1385	1396	1432	rBV	787529	1634669	48.98%	4.756%
36	5.841	1480	1493	1497	rBV4	16231	36512	1.09%	0.106%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037648.D
Acq On : 30 Sep 2024 12:44
Operator : SY/MD
Sample : PB163749ZHE#13
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#13

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\SFAMVLM092624WMA.M
Title : VOC Analysis

37	5.985	1526	1538	1560	rBV	622109	1277336	38.27%	3.716%
38	6.268	1618	1626	1652	rVB	53770	150918	4.52%	0.439%
39	6.384	1652	1662	1698	rBV	1884802	3337711	100.00%	9.710%
40	6.908	1815	1825	1853	rBV	366143	665631	19.94%	1.936%
41	7.114	1879	1889	1914	rBV	453051	796126	23.85%	2.316%
42	7.236	1917	1927	1952	rVV	1298547	2251683	67.46%	6.551%
43	7.545	2013	2023	2054	rBV2	807119	1441117	43.18%	4.193%
44	7.854	2108	2119	2140	rBV	657972	1085161	32.51%	3.157%
45	7.969	2141	2155	2160	rVV3	100025	184714	5.53%	0.537%
46	8.018	2161	2170	2193	rVV3	667816	1341703	40.20%	3.903%
47	8.120	2194	2202	2227	rVV	1034826	1644658	49.28%	4.785%
48	8.233	2228	2237	2262	rVV	631031	1003958	30.08%	2.921%
49	8.612	2344	2355	2385	rBV	2189378	3283588	98.38%	9.553%
50	8.780	2395	2407	2447	rVB	1323720	2189153	65.59%	6.369%
51	9.056	2485	2493	2505	rBV	18927	32265	0.97%	0.094%
52	9.249	2551	2553	2555	rBV3	842	456	0.01%	0.001%
53	9.333	2572	2579	2591	rBV3	13454	25635	0.77%	0.075%
54	9.484	2617	2626	2649	rBV	135057	225925	6.77%	0.657%
55	9.699	2690	2693	2694	rBV5	2057	1185	0.04%	0.003%
56	9.805	2724	2726	2729	rVB4	1029	602	0.02%	0.002%
57	10.021	2791	2793	2797	rVB4	719	471	0.01%	0.001%
58	10.146	2820	2832	2861	rBV	776821	1249558	37.44%	3.635%
59	10.403	2909	2912	2914	rBV3	1049	620	0.02%	0.002%
60	10.480	2930	2936	2937	rBV6	1859	1486	0.04%	0.004%
61	10.580	2965	2967	2971	rBV5	823	584	0.02%	0.002%
62	10.702	3003	3005	3009	rVB3	920	568	0.02%	0.002%
63	10.741	3012	3017	3020	rBV5	736	693	0.02%	0.002%
64	10.824	3041	3043	3045	rBV3	626	390	0.01%	0.001%
65	10.982	3089	3092	3095	rBV5	772	611	0.02%	0.002%
66	11.082	3117	3123	3125	rBV5	815	854	0.03%	0.002%
67	11.120	3133	3135	3139	rBV3	683	414	0.01%	0.001%
68	11.178	3142	3153	3179	rBV	1212623	1911701	57.28%	5.562%
69	11.551	3257	3269	3300	rBV	1331680	2137554	64.04%	6.219%
70	11.911	3378	3381	3382	rBV3	822	455	0.01%	0.001%
71	12.011	3409	3412	3418	rVB7	778	857	0.03%	0.002%
72	12.185	3462	3466	3468	rBV3	1244	1041	0.03%	0.003%
73	12.258	3487	3489	3496	rVB5	780	707	0.02%	0.002%
74	12.294	3497	3500	3501	rBV2	902	502	0.02%	0.001%
75	12.313	3504	3506	3511	rVV3	770	603	0.02%	0.002%
76	12.500	3561	3564	3565	rBV2	870	491	0.01%	0.001%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037648.D
Acq On : 30 Sep 2024 12:44
Operator : SY/MD
Sample : PB163749ZHE#13
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#13

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\SFAMVLM092624WMA.M
Title : VOC Analysis

77	12.628	3601	3604	3606	rBV4	828	566	0.02%	0.002%
78	12.664	3612	3615	3618	rBV4	818	522	0.02%	0.002%
79	12.693	3620	3624	3626	rVB3	718	433	0.01%	0.001%
80	12.837	3666	3669	3673	rBV5	966	994	0.03%	0.003%
81	12.943	3699	3702	3704	rBV4	1415	843	0.03%	0.002%
82	12.966	3706	3709	3712	rBV4	812	602	0.02%	0.002%
83	13.017	3723	3725	3726	rBV	920	441	0.01%	0.001%
84	13.207	3778	3784	3790	rBV8	1783	2396	0.07%	0.007%
85	13.371	3832	3835	3838	rBV3	849	598	0.02%	0.002%
86	13.464	3859	3864	3867	rBV6	1909	1668	0.05%	0.005%
87	13.590	3900	3903	3906	rBV5	1015	568	0.02%	0.002%
88	13.673	3925	3929	3931	rBV5	1399	1138	0.03%	0.003%
89	13.734	3946	3948	3953	rBV4	782	550	0.02%	0.002%
90	14.056	4042	4048	4051	rBV7	1193	1344	0.04%	0.004%
91	14.094	4058	4060	4066	rVB5	1064	680	0.02%	0.002%
92	14.165	4079	4082	4085	rVB4	843	575	0.02%	0.002%
93	14.348	4137	4139	4141	rBV3	1060	684	0.02%	0.002%
94	14.429	4161	4164	4166	rBV3	717	561	0.02%	0.002%
95	14.493	4181	4184	4188	rBV5	1516	1049	0.03%	0.003%
96	14.541	4195	4199	4200	rBV3	967	656	0.02%	0.002%
97	14.551	4200	4202	4205	rVV3	992	604	0.02%	0.002%
98	14.699	4245	4248	4249	rBV2	959	494	0.01%	0.001%
99	14.805	4279	4281	4284	rVB4	1356	504	0.02%	0.001%
100	15.229	4410	4413	4417	rBV4	1630	1602	0.05%	0.005%

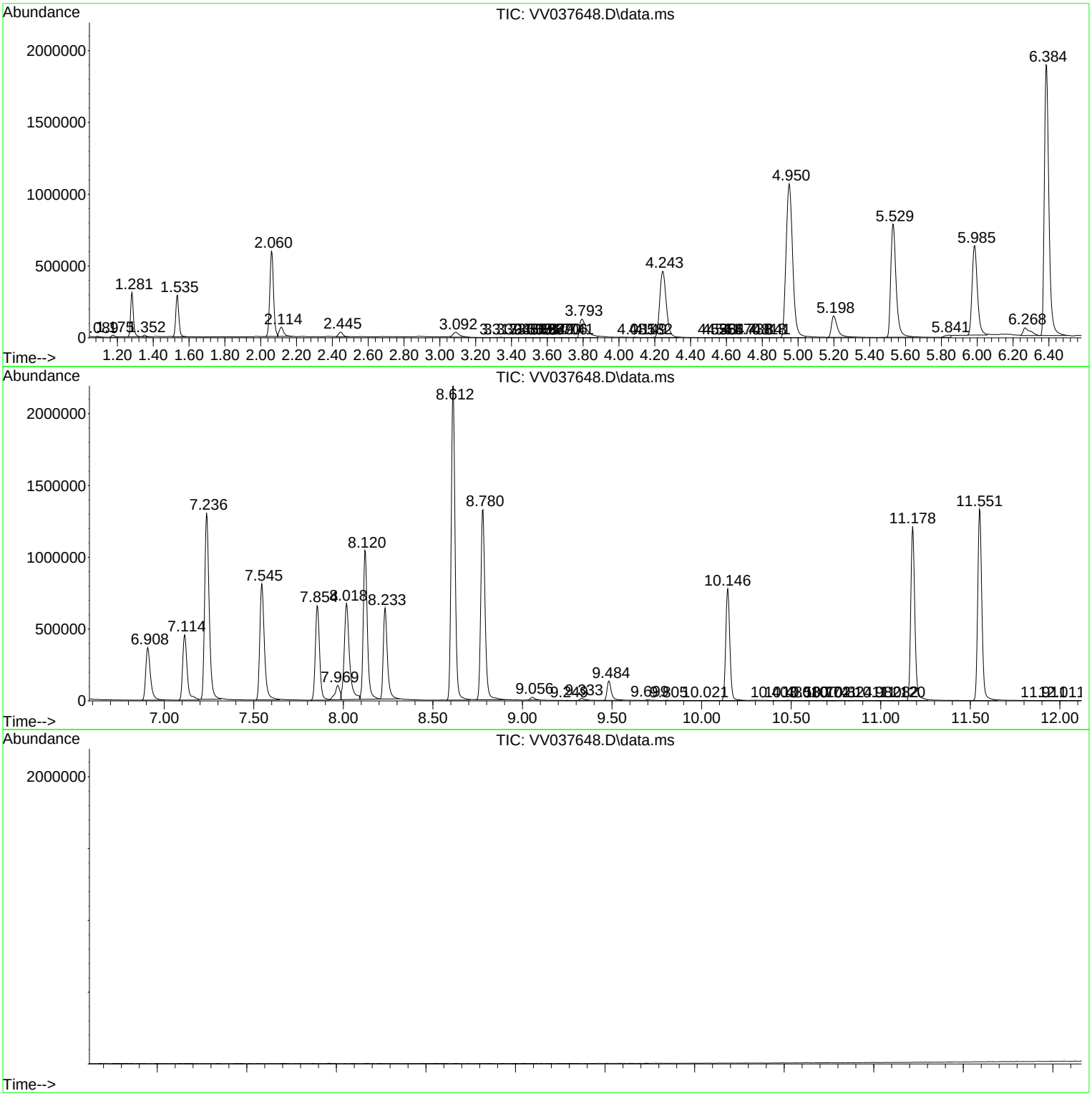
Sum of corrected areas: 34373277

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037648.D
Acq On : 30 Sep 2024 12:44
Operator : SY/MD
Sample : PB163749ZHE#13
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#13

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037648.D
Acq On : 30 Sep 2024 12:44
Operator : SY/MD
Sample : PB163749ZHE#13
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#13

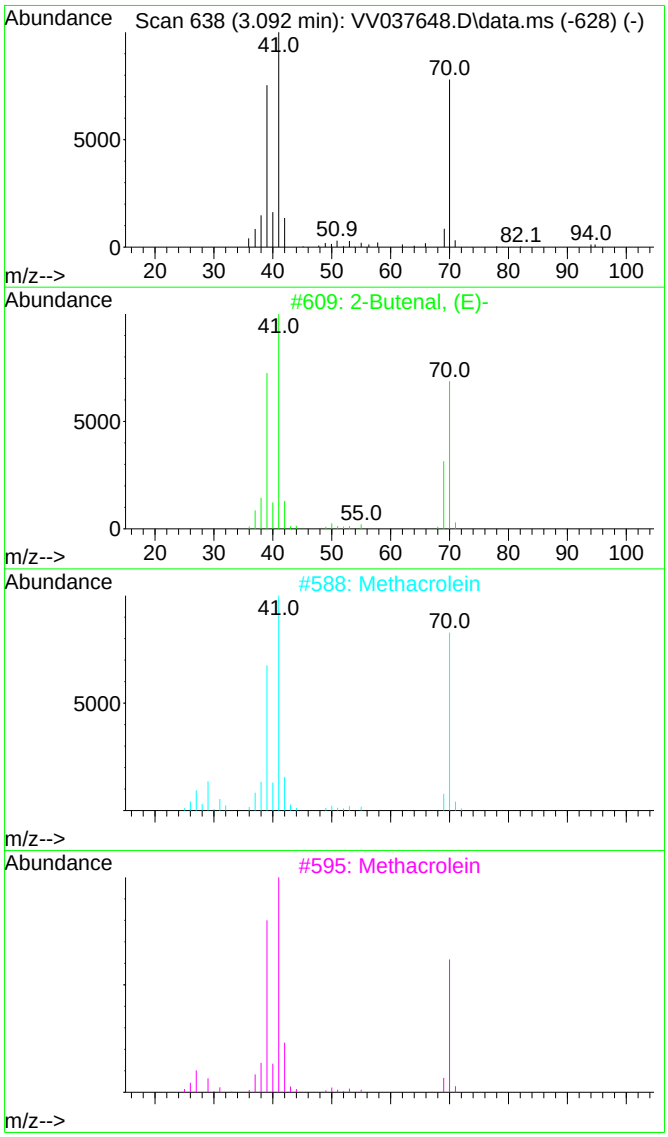
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

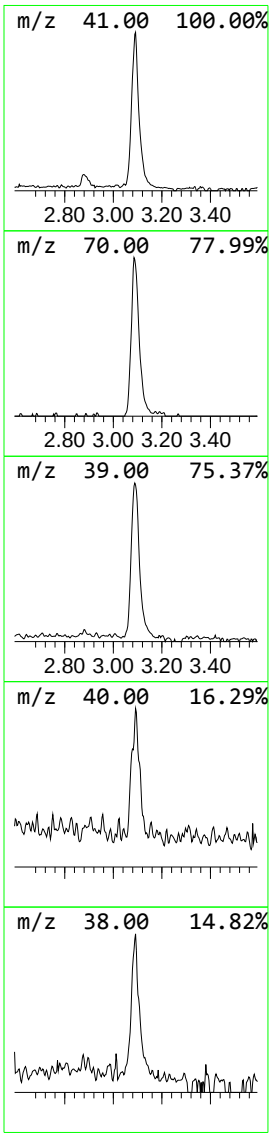
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Butenal, (E)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.092	2.57 ug/L	84016	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, (E)-	70	C4H6O	000123-73-9	91
2	Methacrolein	70	C4H6O	000078-85-3	91
3	Methacrolein	70	C4H6O	000078-85-3	90
4	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	86
5	Methacrolein	70	C4H6O	000078-85-3	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037648.D
Acq On : 30 Sep 2024 12:44
Operator : SY/MD
Sample : PB163749ZHE#13
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#13

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

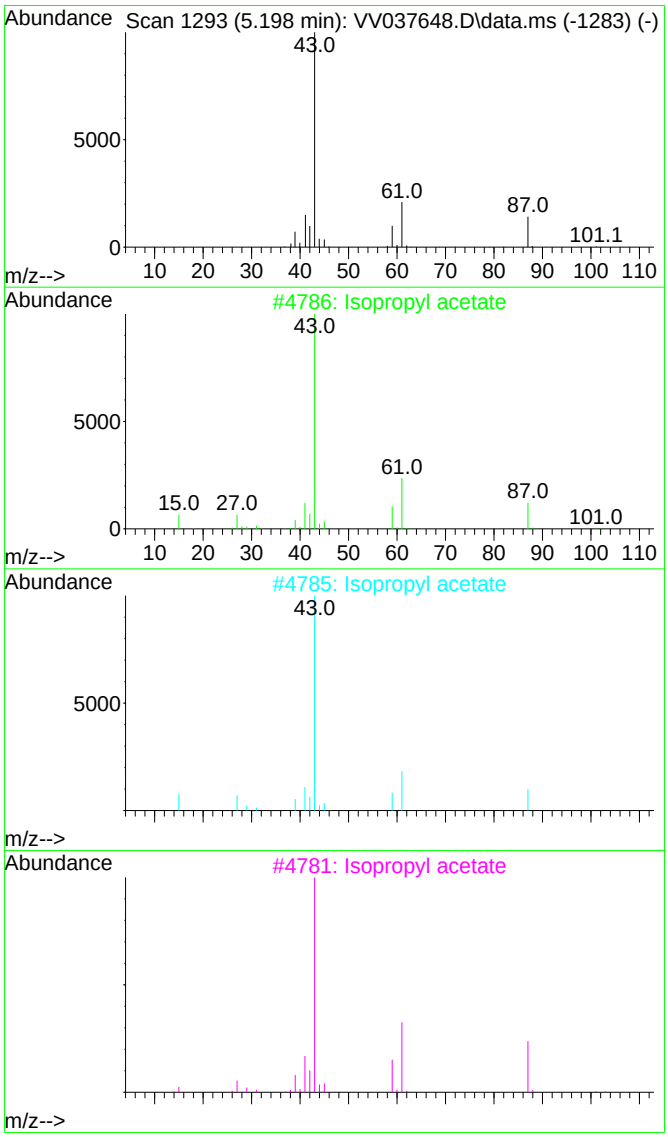
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

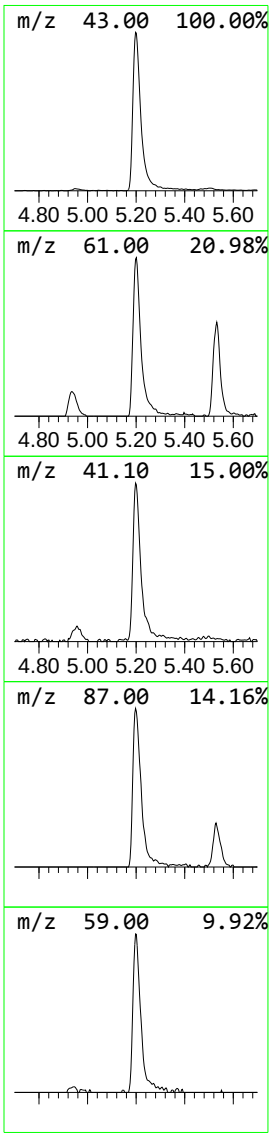
****

Peak Number 3 Isopropyl acetate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.198	10.53 ug/L	344282	1,4-Difluorobenzene	5.529

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	74
4	Isopropyl acetate	102	C5H10O2	000108-21-4	64
5	o-Ethylhydroxylamine	61	C2H7NO	000624-86-2	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037648.D
Acq On : 30 Sep 2024 12:44
Operator : SY/MD
Sample : PB163749ZHE#13
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#13

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

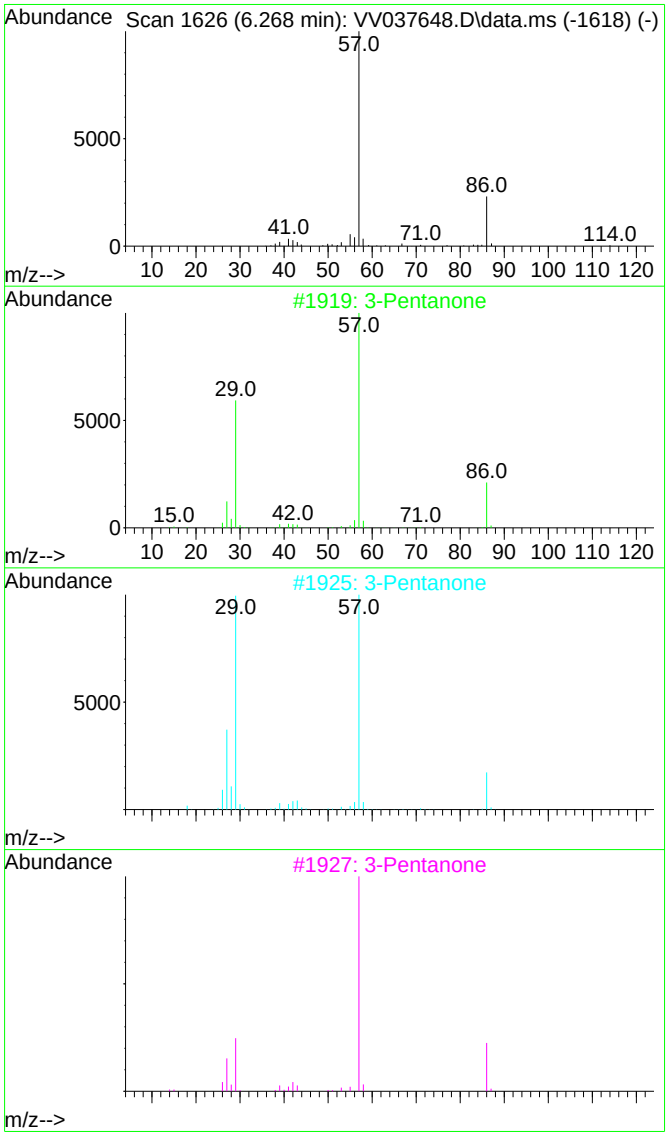
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

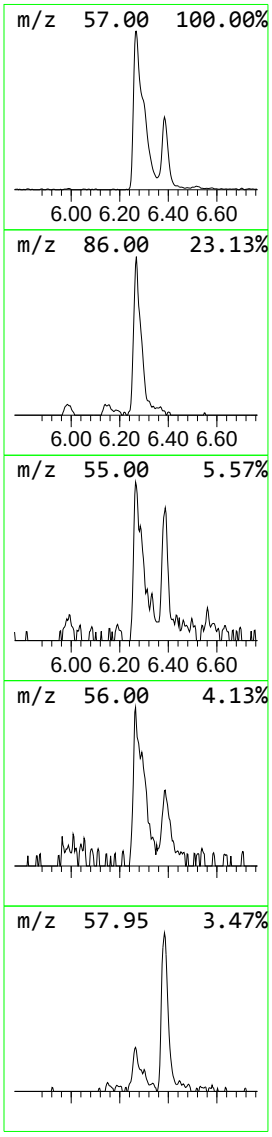
****

Peak Number 4 3-Pentanone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.268	4.62 ug/L	150918	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone	86	C5H10O	000096-22-0	80
2	3-Pentanone	86	C5H10O	000096-22-0	72
3	3-Pentanone	86	C5H10O	000096-22-0	59
4	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	38
5	Propane, 2-bromo-2-methyl-	136	C4H9Br	000507-19-7	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037648.D
Acq On : 30 Sep 2024 12:44
Operator : SY/MD
Sample : PB163749ZHE#13
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#13

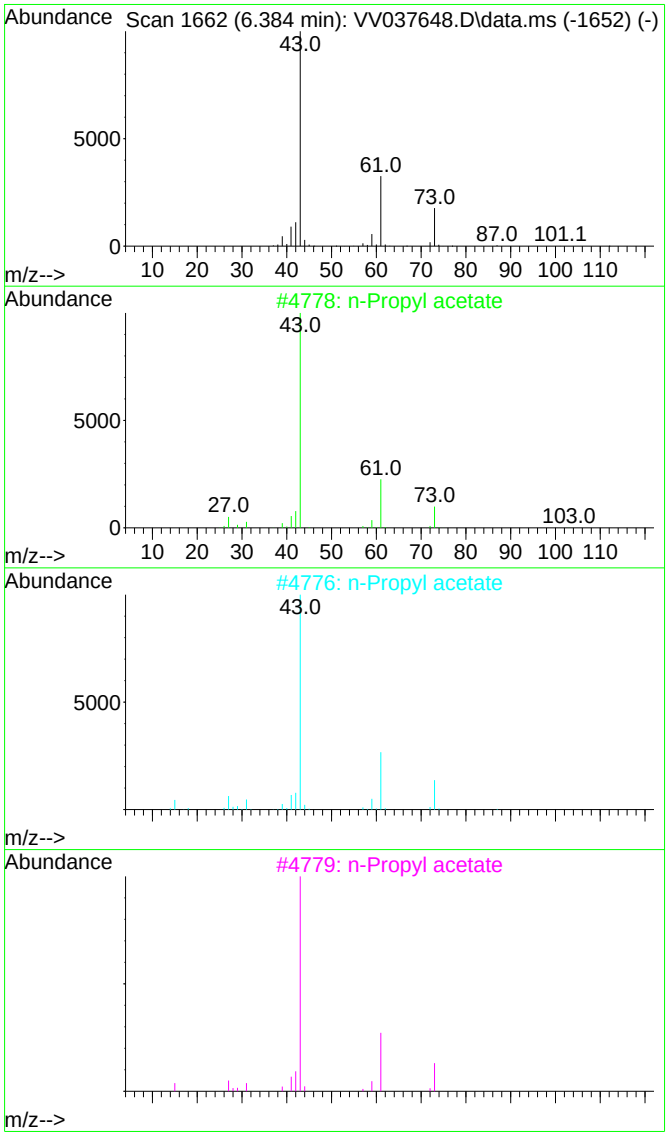
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

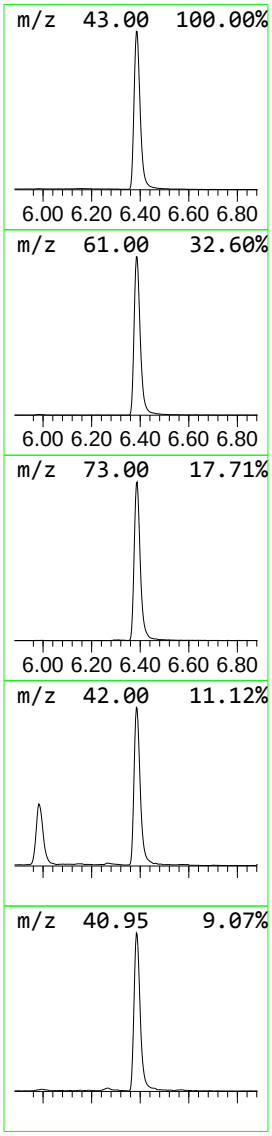
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 n-Propyl acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.384	102.09 ug/L	3337710	1,4-Difluorobenzene	5.529

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	64
5	Propanal, 2,3-dihydroxy-, (S)-	90	C3H6O3	000497-09-6	36





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037648.D
Acq On : 30 Sep 2024 12:44
Operator : SY/MD
Sample : PB163749ZHE#13
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#13

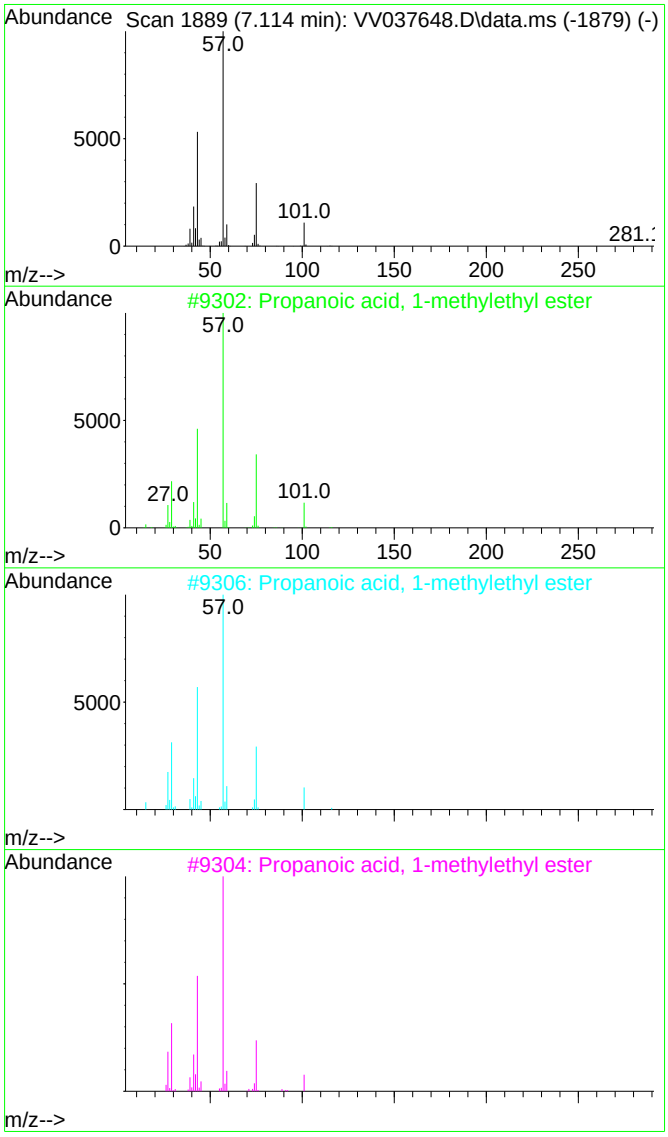
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

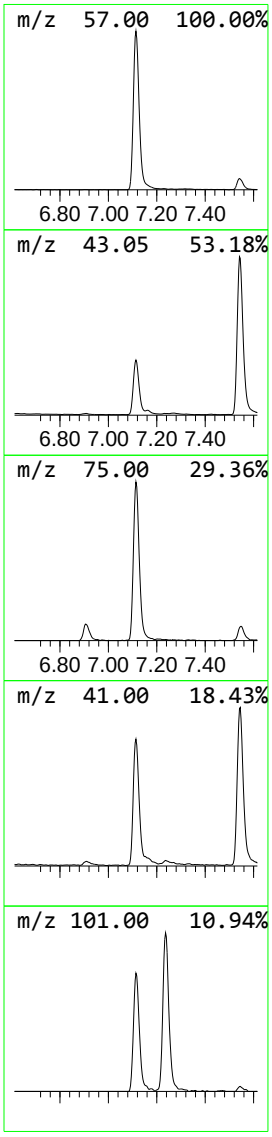
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Propanoic acid, 1-methyleth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.114	24.35 ug/L	796126	1,4-Difluorobenzene	5.529

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	78
4	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	74
5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037648.D
Acq On : 30 Sep 2024 12:44
Operator : SY/MD
Sample : PB163749ZHE#13
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#13

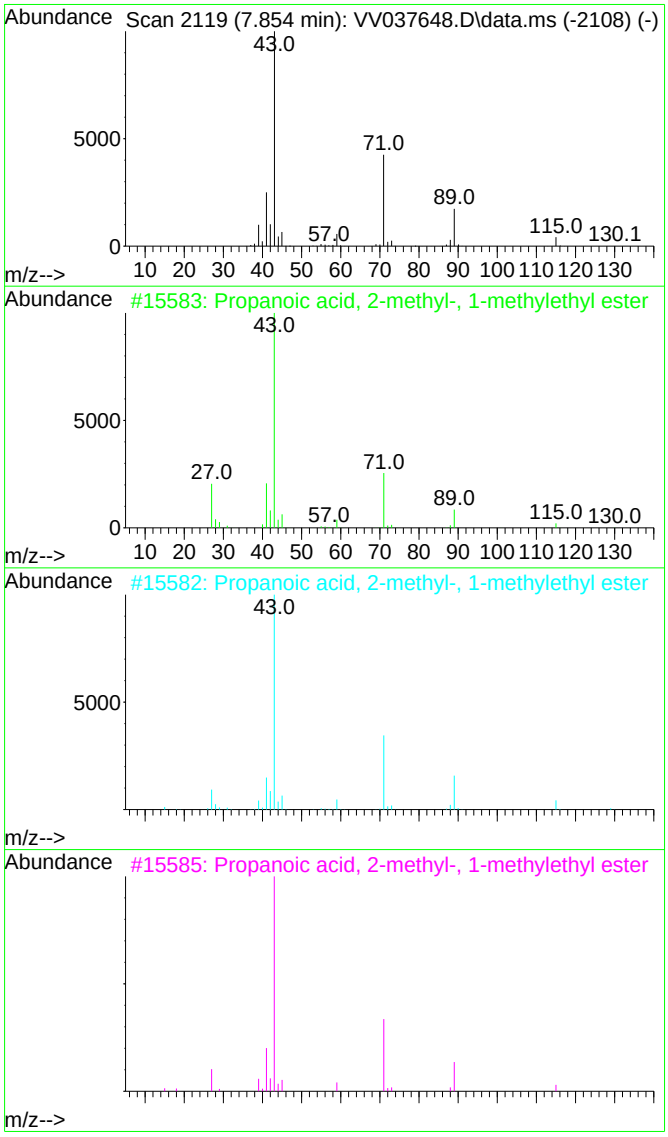
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

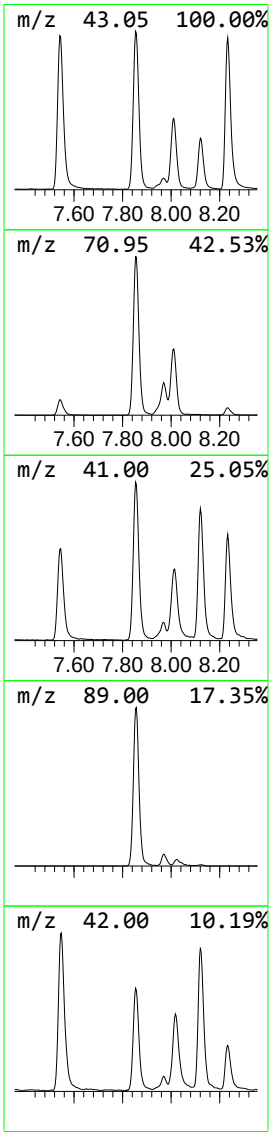
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Propanoic acid, 2-methyl-, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.854	24.79 ug/L	1085160	Chlorobenzene-d5	8.780

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	83
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	83
5	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037648.D
Acq On : 30 Sep 2024 12:44
Operator : SY/MD
Sample : PB163749ZHE#13
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#13

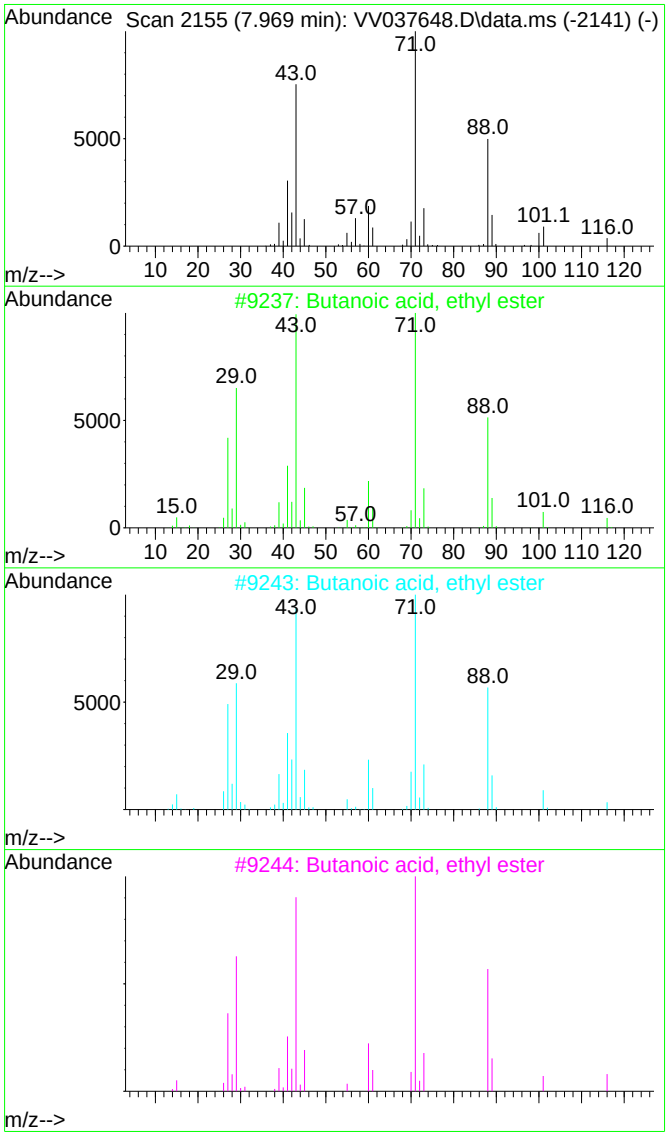
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

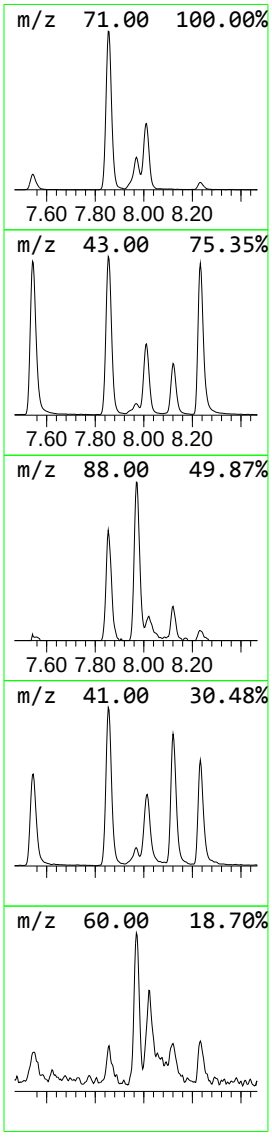
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Butanoic acid, ethyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.969	4.22 ug/L	184714	Chlorobenzene-d5	8.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	95
2	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	94
3	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	90
4	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	78
5	3-Mercaptohexyl butanoate	204	C10H20O2S	136954-21-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037648.D
Acq On : 30 Sep 2024 12:44
Operator : SY/MD
Sample : PB163749ZHE#13
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#13

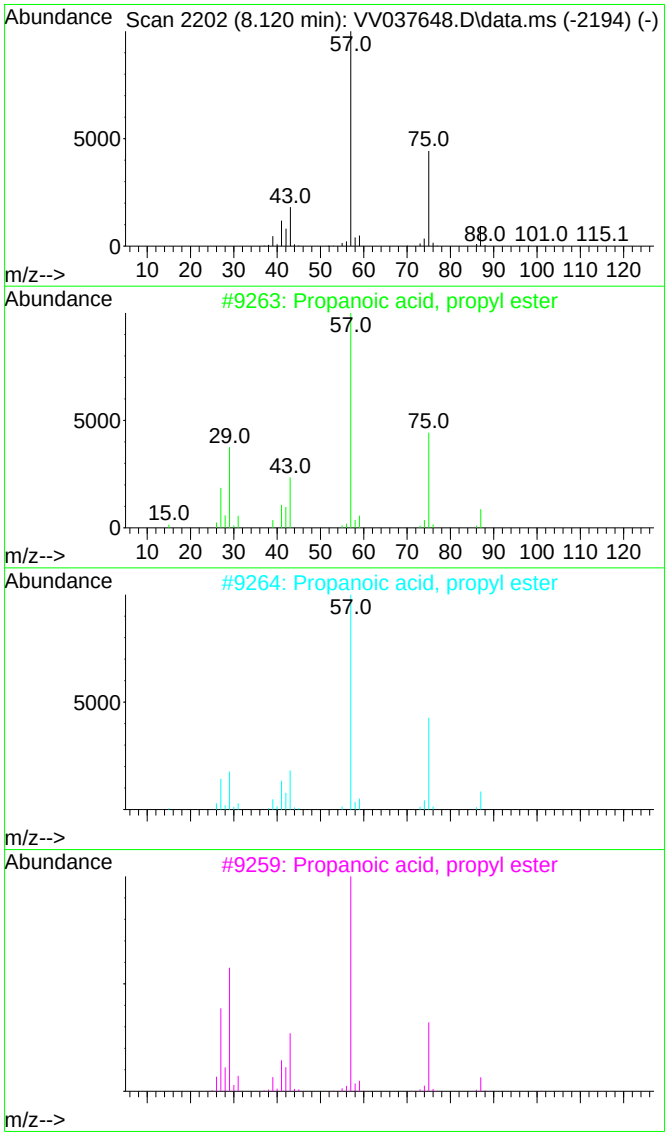
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

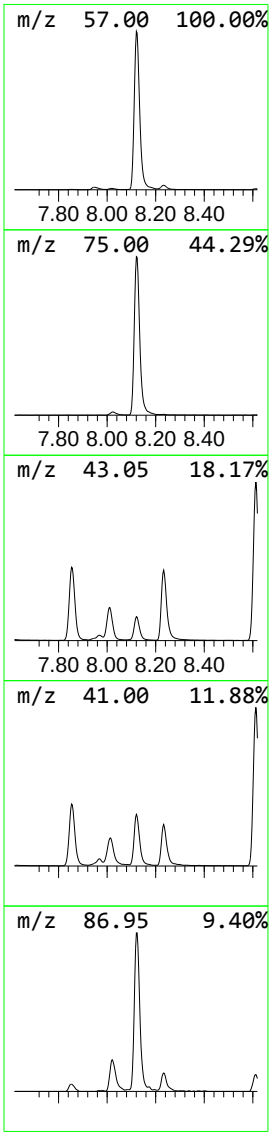
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Propanoic acid, propyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.120	37.56 ug/L	1644660	Chlorobenzene-d5	8.780

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	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037648.D
Acq On : 30 Sep 2024 12:44
Operator : SY/MD
Sample : PB163749ZHE#13
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#13

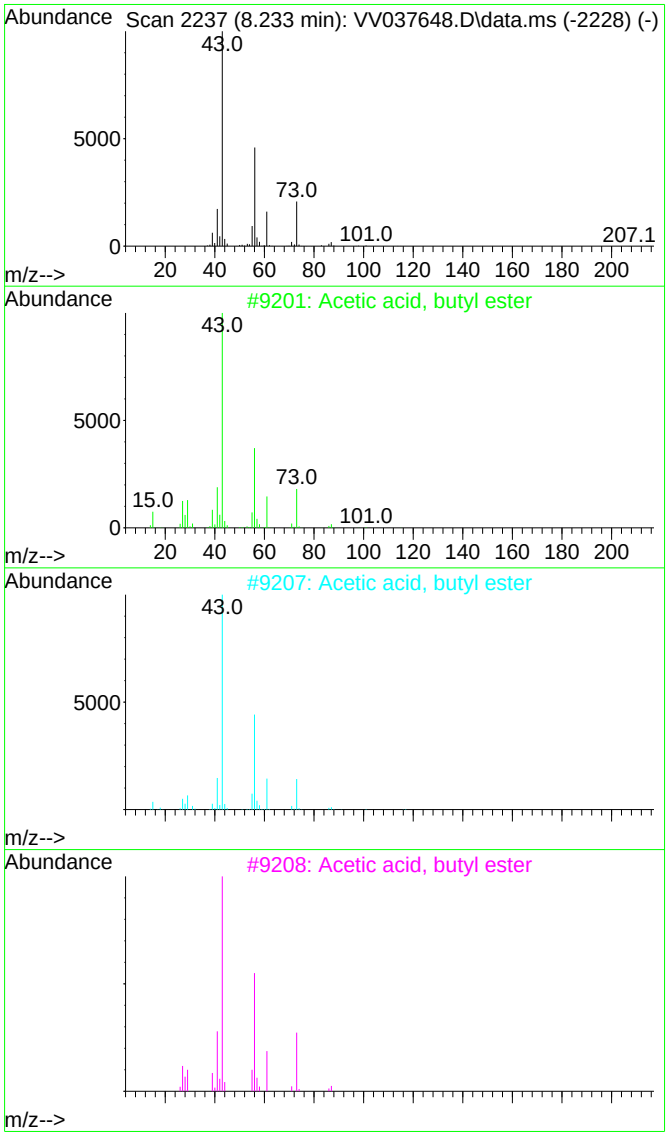
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

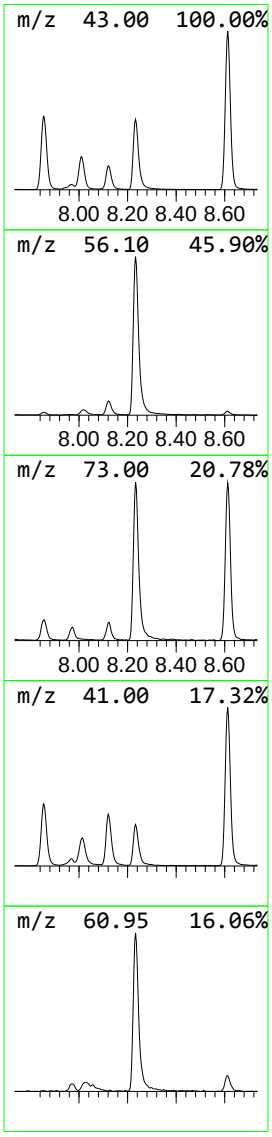
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Acetic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.233	22.93 ug/L	1003960	Chlorobenzene-d5	8.780

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	72
4	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	72
5	Isobutyl acetate	116	C6H12O2	000110-19-0	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037648.D
Acq On : 30 Sep 2024 12:44
Operator : SY/MD
Sample : PB163749ZHE#13
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#13

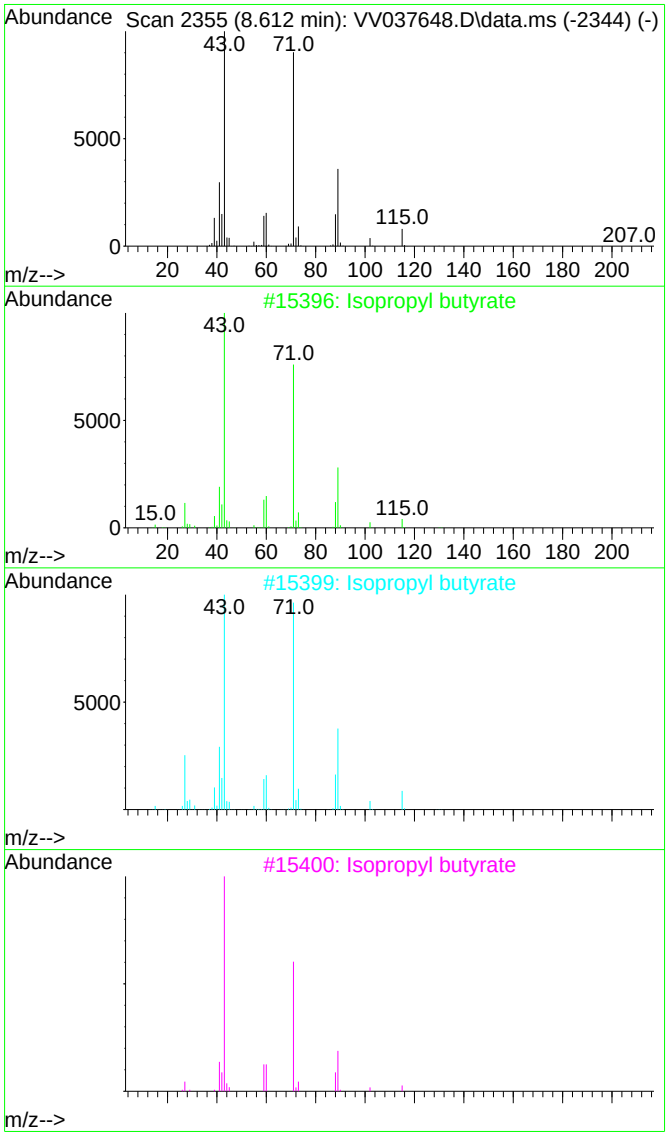
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

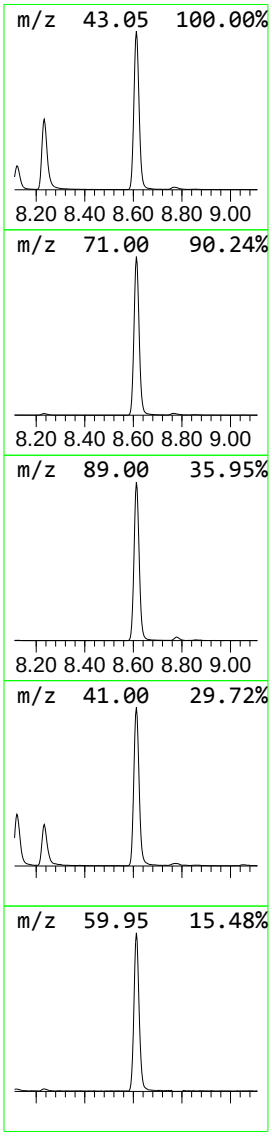
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Isopropyl butyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.612	75.00 ug/L	3283590	Chlorobenzene-d5	8.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl butyrate	130	C7H14O2	000638-11-9	91
2	Isopropyl butyrate	130	C7H14O2	000638-11-9	91
3	Isopropyl butyrate	130	C7H14O2	000638-11-9	78
4	Isopropyl butyrate	130	C7H14O2	000638-11-9	78
5	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037648.D
Acq On : 30 Sep 2024 12:44
Operator : SY/MD
Sample : PB163749ZHE#13
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#13

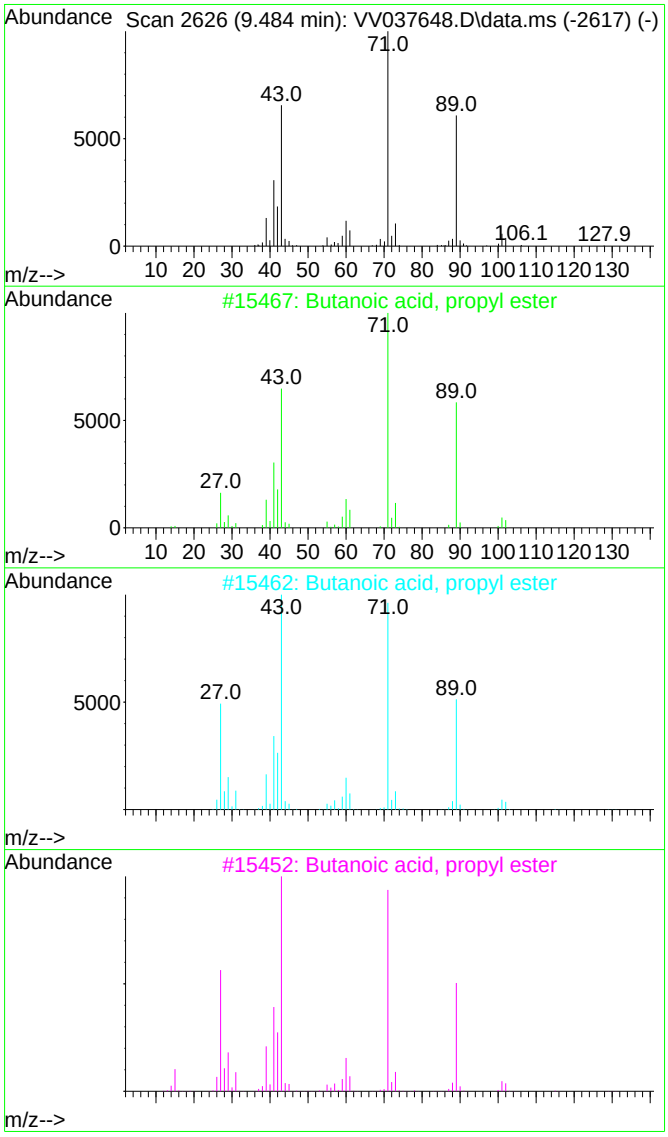
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

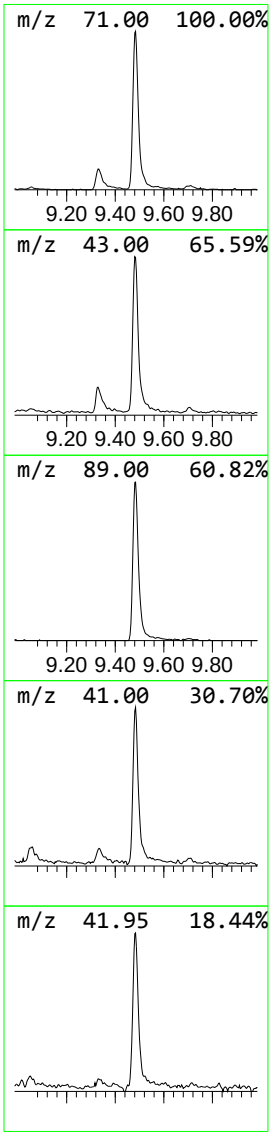
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Butanoic acid, propyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.484	5.16 ug/L	225925	Chlorobenzene-d5	8.780

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	83
3	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	83
4	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	80
5	Butanoic acid, octyl ester	200	C12H24O2	000110-39-4	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037648.D
Acq On : 30 Sep 2024 12:44
Operator : SY/MD
Sample : PB163749ZHE#13
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#13

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.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
2-Butenal, (E)-	3.092	2.6	ug/L	84016	1	5.529	1634670	50.0
Isopropyl acetate	5.198	10.5	ug/L	344282	1	5.529	1634670	50.0
3-Pentanone	6.268	4.6	ug/L	150918	1	5.529	1634670	50.0
n-Propyl acetate	6.384	102.1	ug/L	3337710	1	5.529	1634670	50.0
Propanoic acid,...	7.114	24.4	ug/L	796126	1	5.529	1634670	50.0
Propanoic acid,...	7.854	24.8	ug/L	1085160	2	8.780	2189150	50.0
Butanoic acid, ...	7.969	4.2	ug/L	184714	2	8.780	2189150	50.0
Propanoic acid,...	8.120	37.6	ug/L	1644660	2	8.780	2189150	50.0
Acetic acid, bu...	8.233	22.9	ug/L	1003960	2	8.780	2189150	50.0
Isopropyl butyrate	8.612	75.0	ug/L	3283590	2	8.780	2189150	50.0
Butanoic acid, ...	9.484	5.2	ug/L	225925	2	8.780	2189150	50.0