LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037646.D
Acq On : 30 Sep 2024 12:01
Operator : SY/MD
Sample : PB163749ZHE#11
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#11

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: VV037646.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.085	11	14	26	rVB4	6172	7746	0.23%	0.023%
2	1.176	35	42	51	rBV	20610	28719	0.87%	0.087%
3	1.278	67	74	91	rBV	292607	325431	9.84%	0.980%
4	1.349	92	96	107	rVB	11297	13502	0.41%	0.041%
5	1.532	146	153	169	rVB	278505	331137	10.01%	0.998%
6	2.060	307	317	327	rBV	580949	833618	25.21%	2.512%
7	2.114	328	334	358	rVB	61679	112815	3.41%	0.340%
8	2.446	429	437	451	rVB	30880	49859	1.51%	0.150%
9	3.089	629	637	659	rVB2	35373	84416	2.55%	0.254%
10	3.320	702	709	710	rBV4	1386	1612	0.05%	0.005%
11	3.465	752	754	759	rVB5	822	640	0.02%	0.002%
12	3.503	762	766	769	rBV2	492	489	0.01%	0.001%
13	3.593	791	794	798	rBV3	657	636	0.02%	0.002%
14	3.648	807	811	815	rBV4	619	672	0.02%	0.002%
15	3.793	844	856	894	rBV	125615	373677	11.30%	1.126%
16	4.124	957	959	962	rVB4	1102	646	0.02%	0.002%
17	4.146	962	966	969	rBV5	993	734	0.02%	0.002%
18	4.243	978	996	1025	rBV	441332	1129435	34.15%	3.403%
19	4.500	1072	1076	1077	rBV3	1014	589	0.02%	0.002%
20	4.526	1080	1084	1088	rBV5	926	636	0.02%	0.002%
21	4.577	1094	1100	1102	rBV5	960	1026	0.03%	0.003%
22	4.793	1164	1167	1170	rVB4	988	601	0.02%	0.002%
23	4.863	1185	1189	1194	rVB4	903	814	0.02%	0.002%
24	4.950	1196	1216	1252	rBV2	1037479	2673993	80.86%	8.057%
25	5.198	1283	1293	1326	rBV	150302	350957	10.61%	1.057%
26	5.429	1363	1365	1371	rVB5	1041	811	0.02%	0.002%
27	5.529	1385	1396	1429	rBV	682836	1403182	42.43%	4.228%
28	5.783	1473	1475	1479	rBV5	1022	710	0.02%	0.002%
29	5.838	1483	1492	1502	rVB5	4886	9925	0.30%	0.030%
30	5.902	1509	1512	1514	rVB2	1091	528	0.02%	0.002%
31	5.982	1523	1537	1569	rBV	601839	1254181	37.93%	3.779%
32	6.272	1619	1627	1633	rBV	43638	76058	2.30%	0.229%
33	6.384	1653	1662	1705	rVB	1875049	3306804	100.00%	9.963%
34	6.908	1815	1825	1853	rBV	346428	645921	19.53%	1.946%
35	7.114	1879	1889	1916	rBV	448493	797904	24.13%	2.404%
36	7.236	1916	1927	1958	rVV	1253488	2202308	66.60%	6.635%

LSC Area Percent Report

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Sample : PB163749ZHE#11
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#11

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	7.545	2012	2023	2056	rBV2	805565	1439911	43.54%	4.338%
38	7.854	2107	2119	2141	rBV	648006	1080116	32.66%	3.254%
39	7.969	2141	2155	2160	rVV4	102224	189018	5.72%	0.569%
40	8.018	2160	2170	2192	rVV2	646451	1344958	40.67%	4.052%
41	8.121	2194	2202	2227	rVV	1033236	1655999	50.08%	4.989%
42	8.233	2228	2237	2268	rVB	625554	1023406	30.95%	3.083%
43	8.613	2344	2355	2384	rBV	2185038	3250789	98.31%	9.794%
44	8.780	2395	2407	2444	rVB	1118280	1892701	57.24%	5.703%
45	9.056	2485	2493	2508	rBV2	18174	34224	1.03%	0.103%
46	9.236	2547	2549	2554	rVB4	1186	766	0.02%	0.002%
47	9.285	2562	2564	2569	rBV5	676	628	0.02%	0.002%
48	9.330	2569	2578	2590	rBV3	11396	23795	0.72%	0.072%
49	9.481	2616	2625	2643	rBV2	127830	219555	6.64%	0.662%
50	9.690	2688	2690	2691	rBV2	1343	576	0.02%	0.002%
51	9.799	2722	2724	2728	rVB3	1068	779	0.02%	0.002%
52	9.825	2728	2732	2735	rBV5	858	939	0.03%	0.003%
53	9.876	2745	2748	2751	rBV4	1059	1034	0.03%	0.003%
54	9.905	2755	2757	2761	rVV3	1024	721	0.02%	0.002%
55	9.924	2761	2763	2765	rVB2	1081	472	0.01%	0.001%
56	9.960	2772	2774	2780	rVB4	1276	1195	0.04%	0.004%
57	10.059	2802	2805	2813	rBV7	1262	1466	0.04%	0.004%
58	10.146	2819	2832	2861	rBV	764171	1230051	37.20%	3.706%
59	10.342	2890	2893	2895	rBV3	857	531	0.02%	0.002%
60	10.481	2927	2936	2940	rBV10	1928	2978	0.09%	0.009%
61	10.561	2958	2961	2963	rBV3	722	473	0.01%	0.001%
62	10.638	2981	2985	2989	rVB6	1089	928	0.03%	0.003%
63	10.789	3026	3032	3035	rBV4	2185	2130	0.06%	0.006%
64	10.850	3044	3051	3055	rBV5	1403	1539	0.05%	0.005%
65	10.966	3079	3087	3088	rBV4	1162	1240	0.04%	0.004%
66	11.178	3142	3153	3186	rBV	1026041	1653959	50.02%	4.983%
67	11.551	3254	3269	3297	rBV	1295240	2079564	62.89%	6.266%
68	11.706	3314	3317	3321	rBV5	1594	1440	0.04%	0.004%
69	11.870	3366	3368	3374	rBV7	1032	1055	0.03%	0.003%
70	11.908	3378	3380	3385	rVB4	1148	583	0.02%	0.002%
71	11.947	3390	3392	3397	rVB3	1069	642	0.02%	0.002%
72	12.021	3412	3415	3417	rBV3	945	686	0.02%	0.002%
73	12.130	3447	3449	3453	rVB5	706	511	0.02%	0.002%
74	12.175	3460	3463	3465	rBV2	907	540	0.02%	0.002%
75	12.220	3473	3477	3480	rBV5	879	823	0.02%	0.002%
76	12.333	3509	3512	3517	rVV3	1145	893	0.03%	0.003%

LSC Area Percent Report

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Sample : PB163749ZHE#11
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#11

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

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Peak separation: 5

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

77	12.384	3525	3528	3530	rBV3	1026	565	0.02%	0.002%
78	12.545	3576	3578	3581	rVB	922	535	0.02%	0.002%
79	12.590	3586	3592	3600	rBV6	1970	2971	0.09%	0.009%
80	12.786	3644	3653	3654	rBV5	838	1110	0.03%	0.003%
81	12.870	3676	3679	3684	rVB5	929	752	0.02%	0.002%
82	12.899	3685	3688	3692	rVV4	1001	686	0.02%	0.002%
83	12.934	3695	3699	3703	rVB4	850	665	0.02%	0.002%
84	13.072	3738	3742	3744	rVB5	899	656	0.02%	0.002%
85	13.088	3744	3747	3750	rBV3	705	579	0.02%	0.002%
86	13.207	3779	3784	3786	rBV3	1434	1126	0.03%	0.003%
87	13.249	3793	3797	3798	rBV3	741	571	0.02%	0.002%
88	13.333	3821	3823	3830	rVB5	1335	861	0.03%	0.003%
89	13.445	3855	3858	3861	rBV3	1440	1276	0.04%	0.004%
90	13.497	3872	3874	3877	rVB4	842	492	0.01%	0.001%
91	13.529	3881	3884	3886	rBV3	995	654	0.02%	0.002%
92	13.664	3923	3926	3927	rVV2	996	472	0.01%	0.001%
93	13.683	3927	3932	3940	rVB9	2193	3465	0.10%	0.010%
94	14.107	4060	4064	4068	rBV4	1023	1254	0.04%	0.004%
95	14.191	4085	4090	4091	rBV3	1202	974	0.03%	0.003%
96	14.262	4107	4112	4116	rBV4	1190	1289	0.04%	0.004%
97	14.378	4144	4148	4152	rBV3	1065	1311	0.04%	0.004%
98	14.545	4199	4200	4204	rBV3	981	577	0.02%	0.002%
99	15.107	4373	4375	4377	rBV2	1124	510	0.02%	0.002%
100	15.435	4475	4477	4481	rBV4	1045	699	0.02%	0.002%

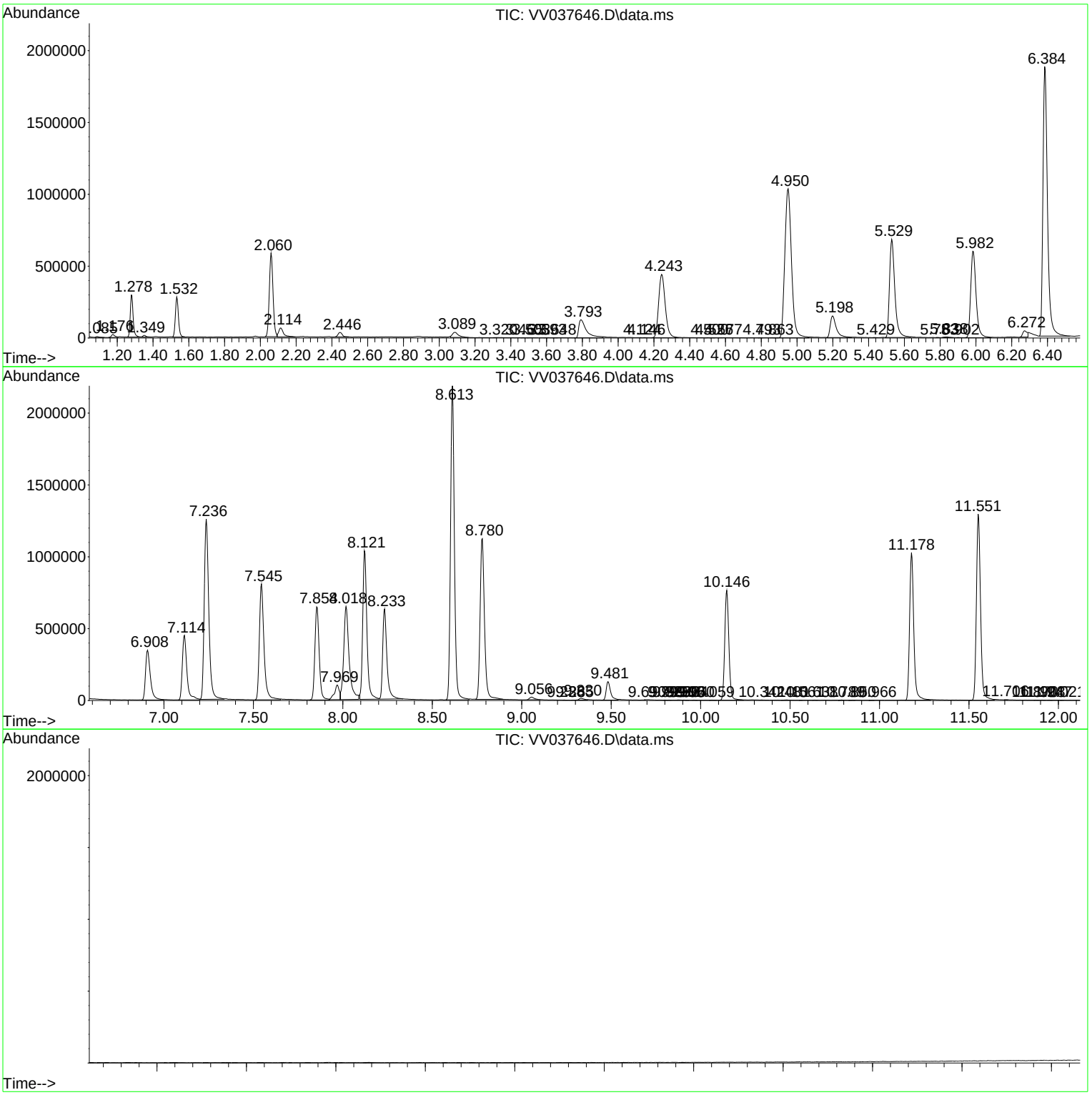
Sum of corrected areas: 33190396

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037646.D
Acq On : 30 Sep 2024 12:01
Operator : SY/MD
Sample : PB163749ZHE#11
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#11

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 : VV037646.D
Acq On : 30 Sep 2024 12:01
Operator : SY/MD
Sample : PB163749ZHE#11
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#11

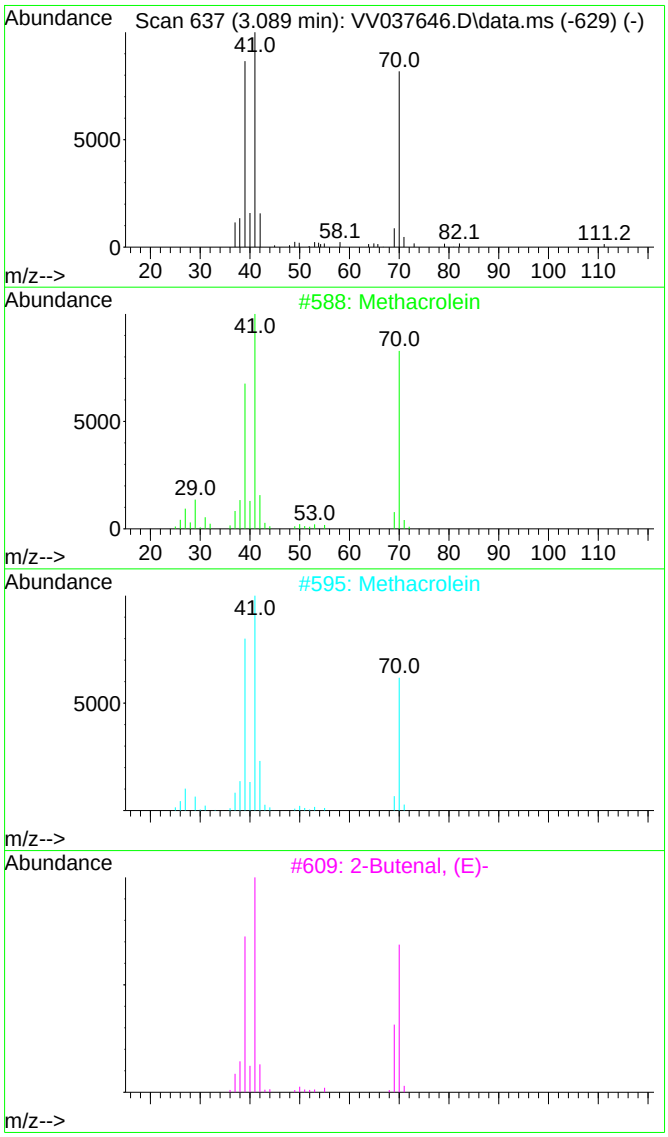
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

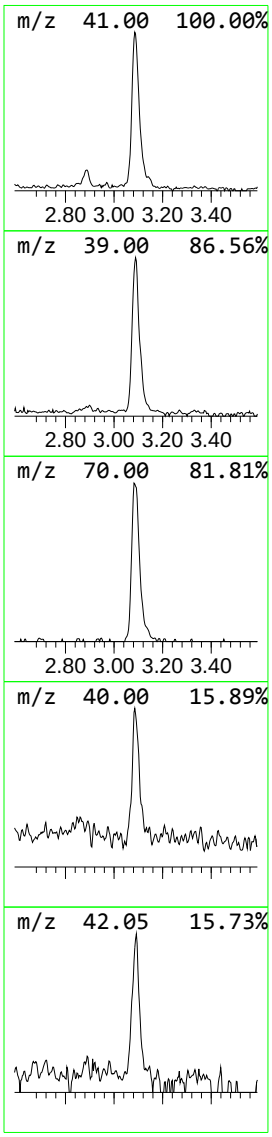
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Methacrolein Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.089	3.01 ug/L	84416	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrolein	70	C4H6O	000078-85-3	91
2	Methacrolein	70	C4H6O	000078-85-3	90
3	2-Butenal, (E)-	70	C4H6O	000123-73-9	90
4	2-Butenal, (Z)-	70	C4H6O	015798-64-8	86
5	2-Butenal	70	C4H6O	004170-30-3	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037646.D
Acq On : 30 Sep 2024 12:01
Operator : SY/MD
Sample : PB163749ZHE#11
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#11

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

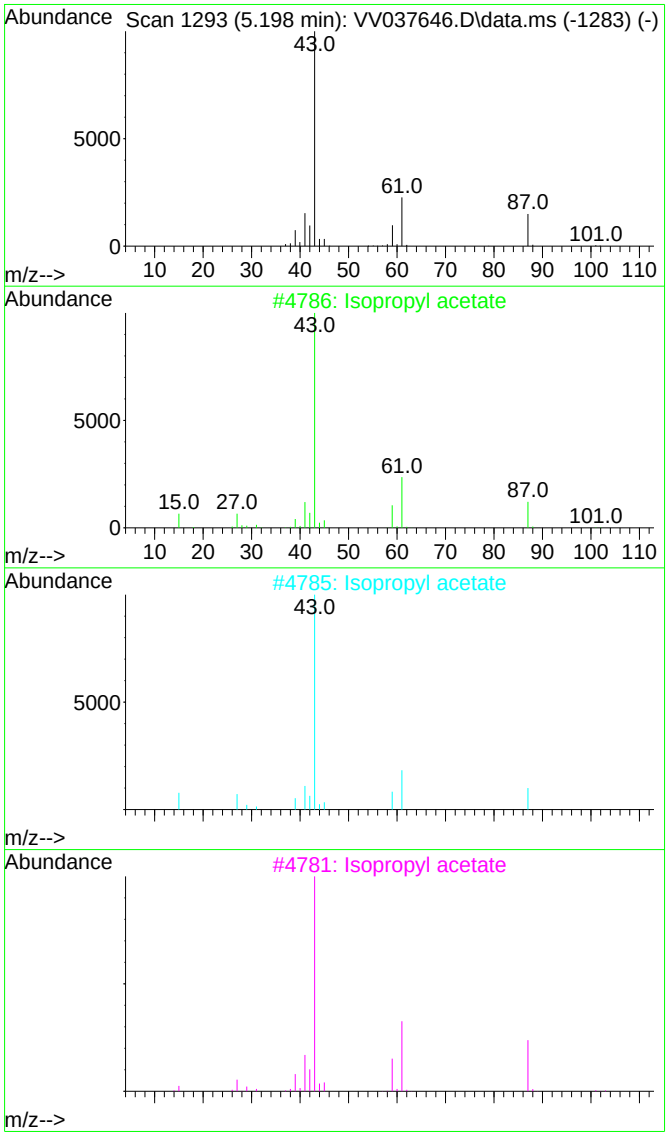
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

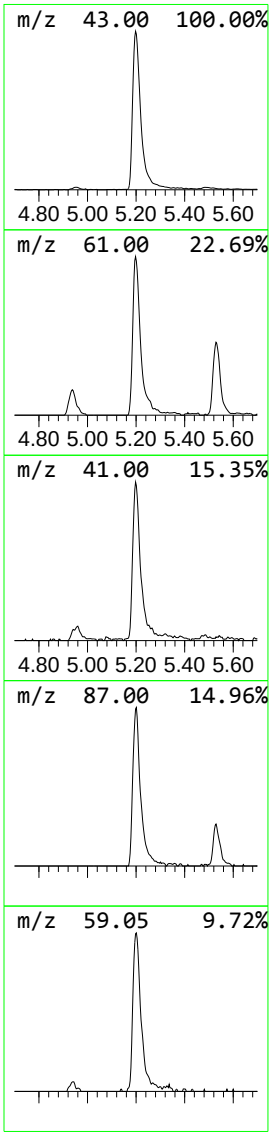
****

Peak Number 3 Isopropyl acetate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.198	12.51 ug/L	350957	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	72
3	Isopropyl acetate	102	C5H10O2	000108-21-4	64
4	Isopropyl acetate	102	C5H10O2	000108-21-4	64
5	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037646.D
Acq On : 30 Sep 2024 12:01
Operator : SY/MD
Sample : PB163749ZHE#11
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#11

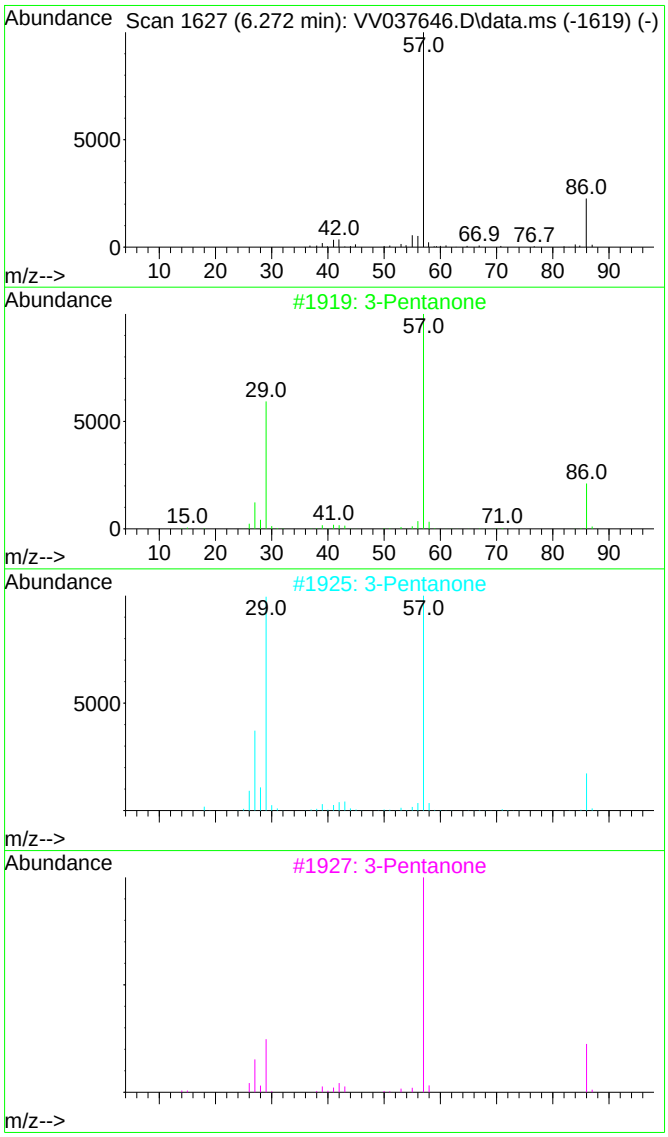
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

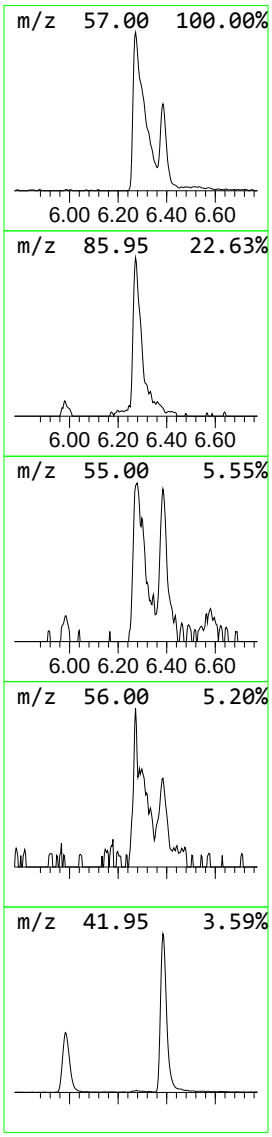
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 3-Pentanone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.272	2.71 ug/L	76058	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone	86	C5H10O	000096-22-0	72
2	3-Pentanone	86	C5H10O	000096-22-0	59
3	3-Pentanone	86	C5H10O	000096-22-0	59
4	3-Pentanone	86	C5H10O	000096-22-0	45
5	3-Pentanone	86	C5H10O	000096-22-0	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037646.D
Acq On : 30 Sep 2024 12:01
Operator : SY/MD
Sample : PB163749ZHE#11
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#11

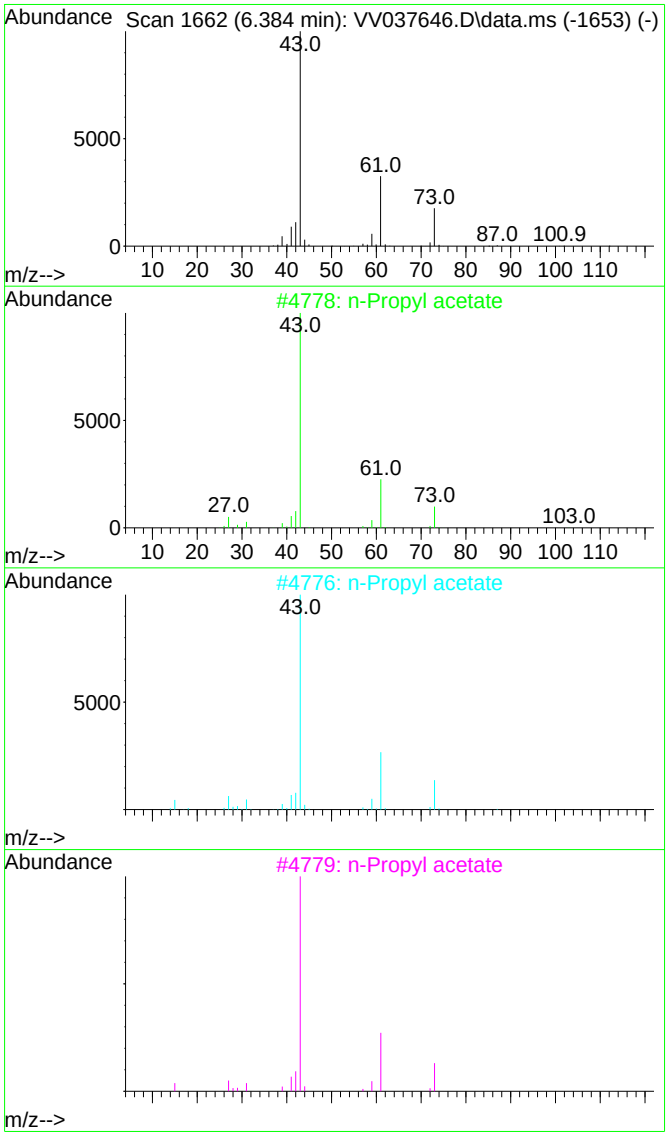
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

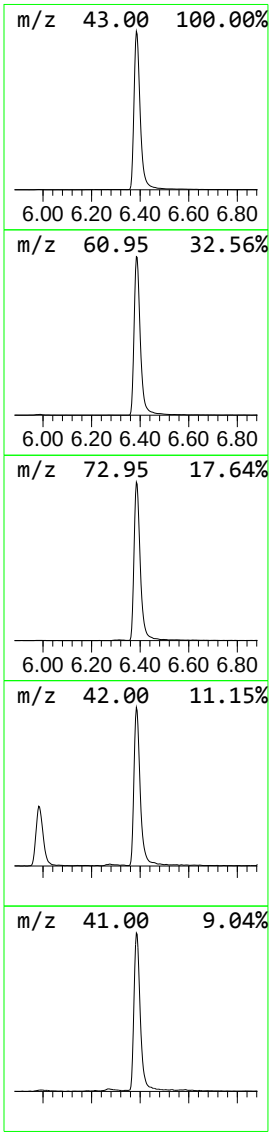
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.384	117.83 ug/L	3306800	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	Isopropyl acetate	102	C5H10O2	000108-21-4	36





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037646.D
Acq On : 30 Sep 2024 12:01
Operator : SY/MD
Sample : PB163749ZHE#11
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#11

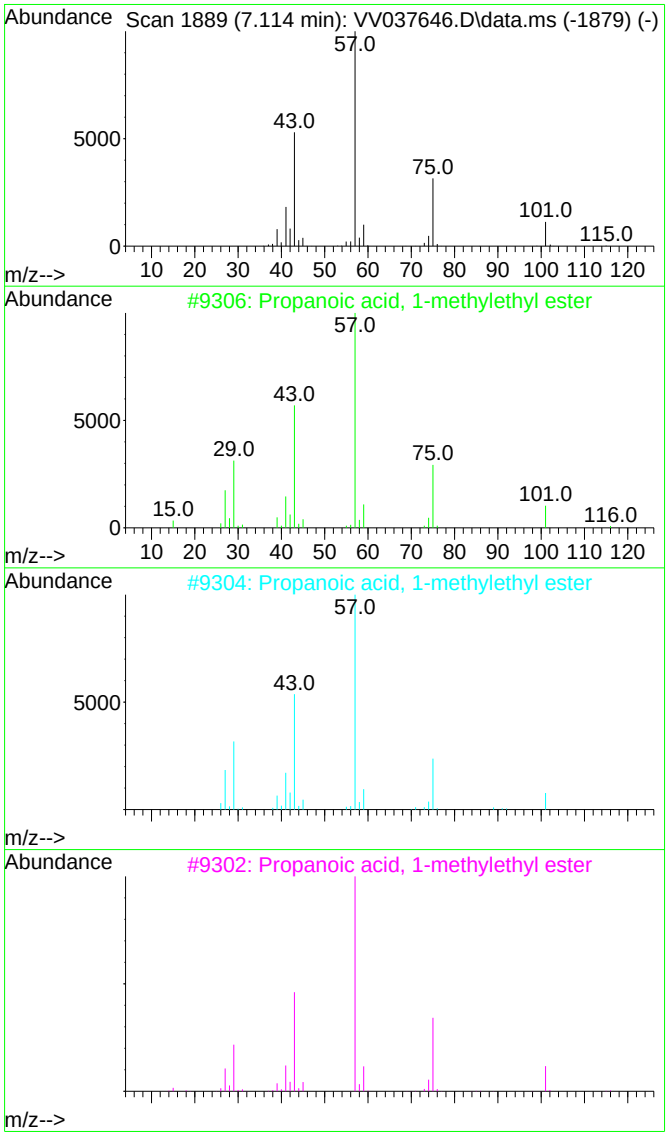
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

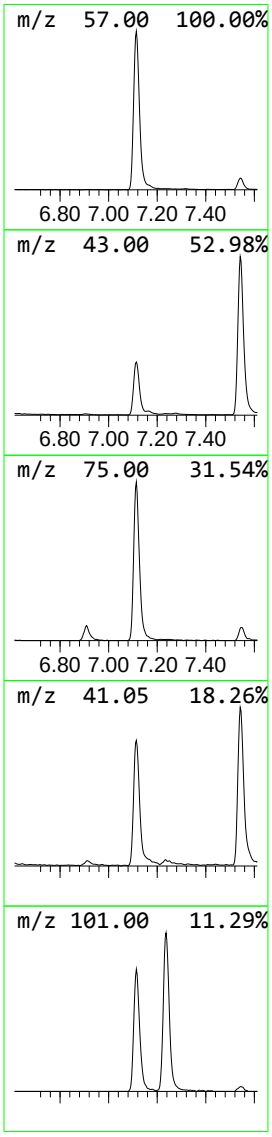
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.114	28.43 ug/L	797904	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	83
4	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	74
5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037646.D
Acq On : 30 Sep 2024 12:01
Operator : SY/MD
Sample : PB163749ZHE#11
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#11

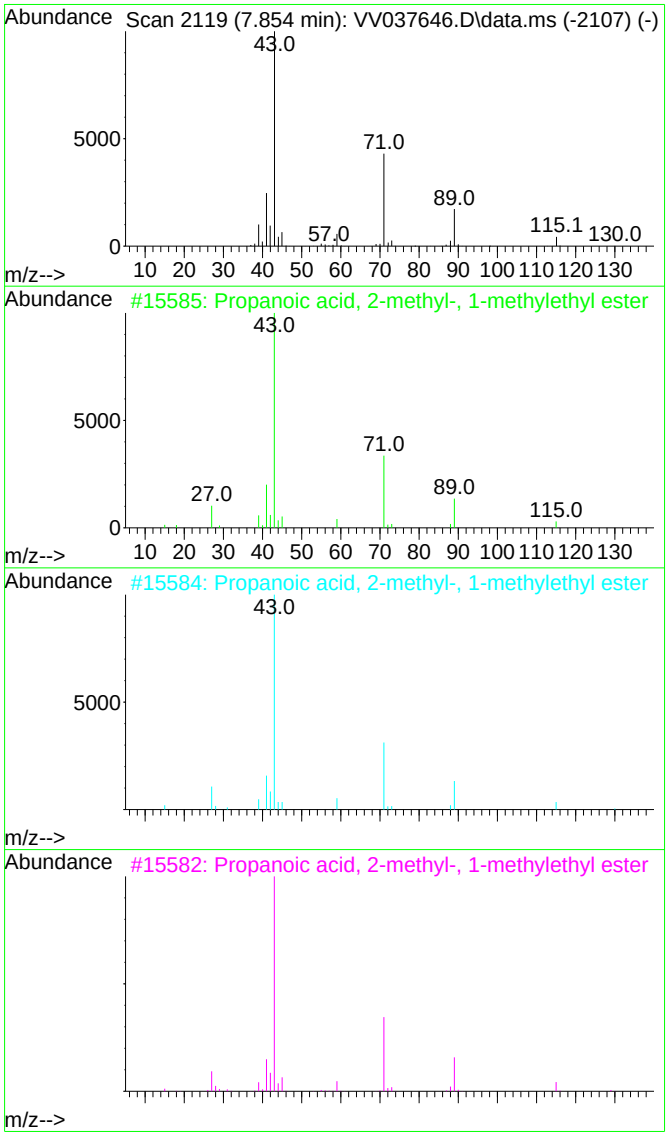
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

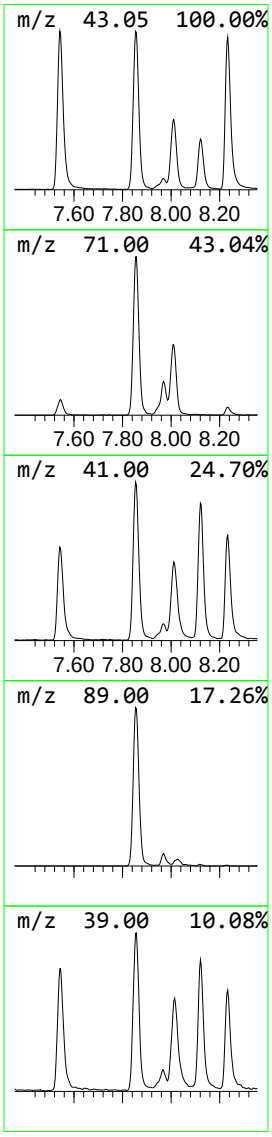
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.854	28.53 ug/L	1080120	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	78
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037646.D
Acq On : 30 Sep 2024 12:01
Operator : SY/MD
Sample : PB163749ZHE#11
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#11

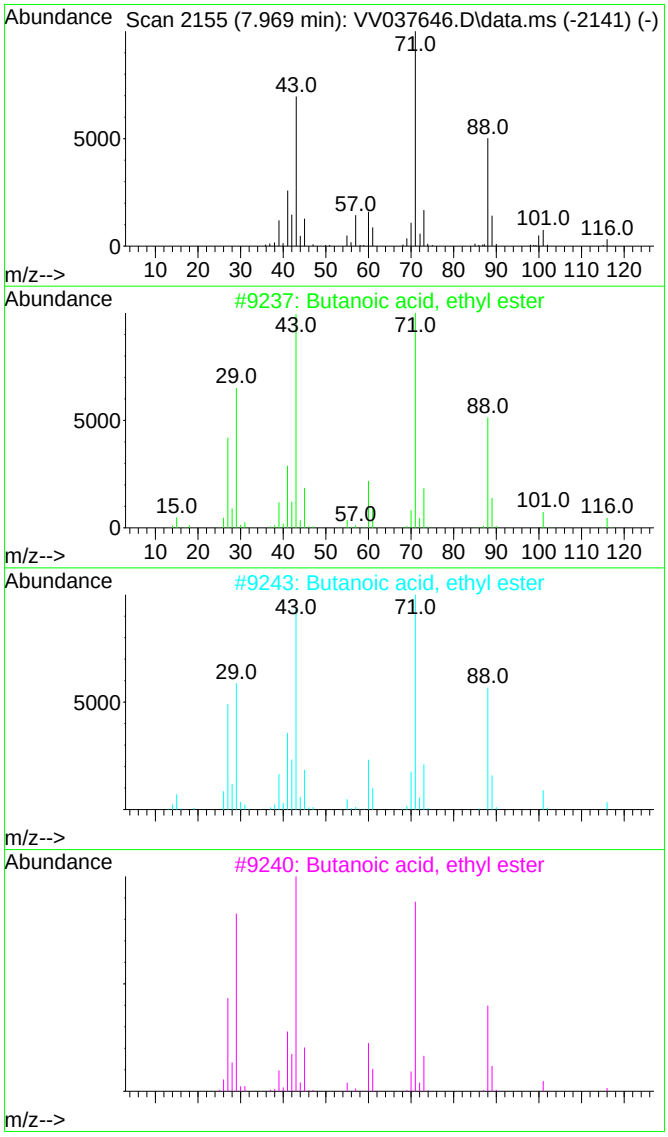
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

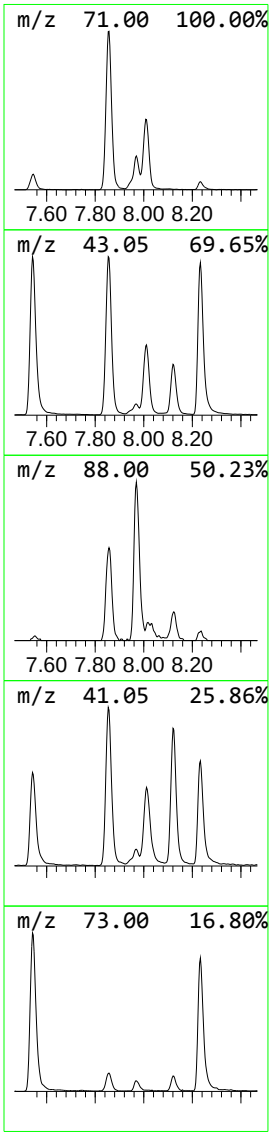
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Butanoic acid, ethyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.969	4.99 ug/L	189018	Chlorobenzene-d5	8.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	96
2	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	95
3	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	72
4	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	64
5	3-Mercaptohexyl butanoate	204	C10H20O2S	136954-21-7	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037646.D
Acq On : 30 Sep 2024 12:01
Operator : SY/MD
Sample : PB163749ZHE#11
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#11

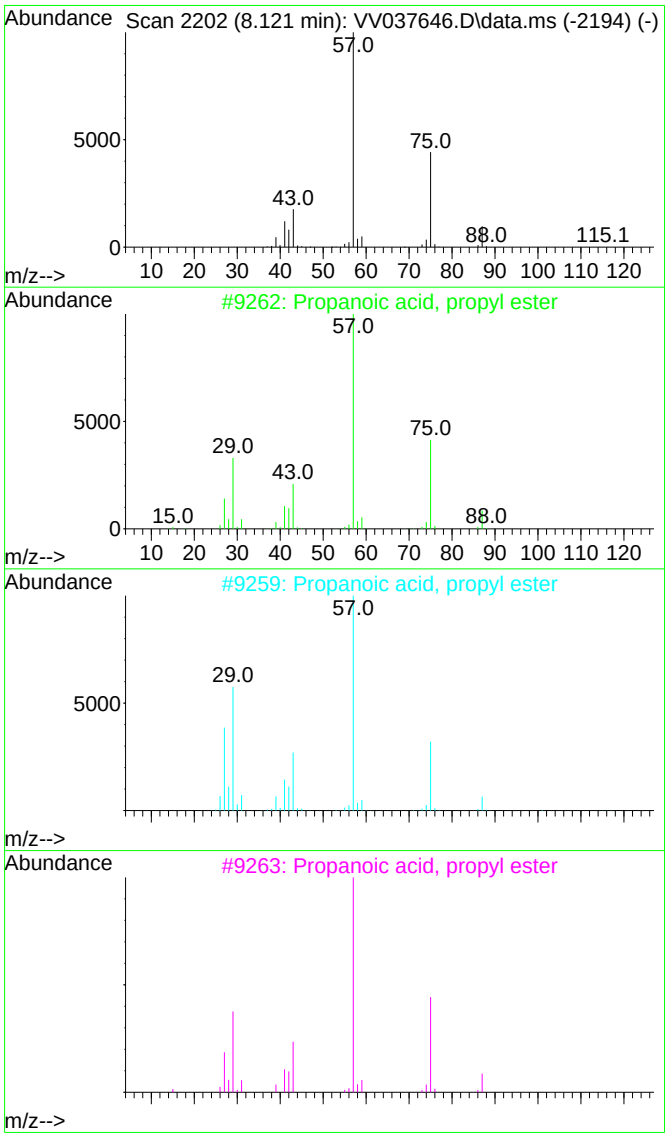
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

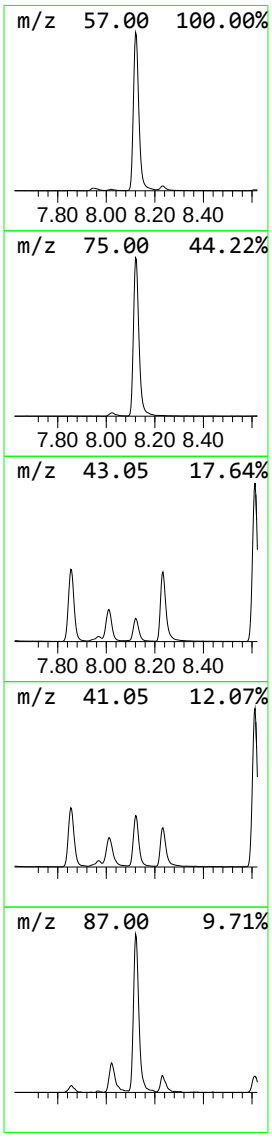
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.121	43.75 ug/L	1656000	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	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037646.D
Acq On : 30 Sep 2024 12:01
Operator : SY/MD
Sample : PB163749ZHE#11
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#11

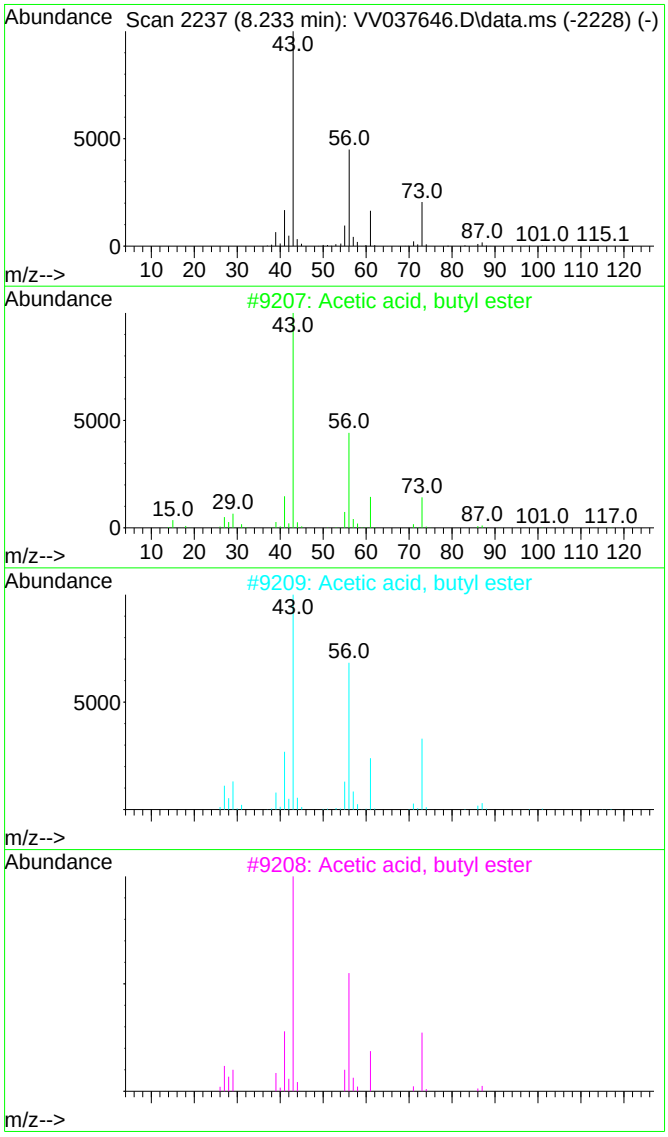
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

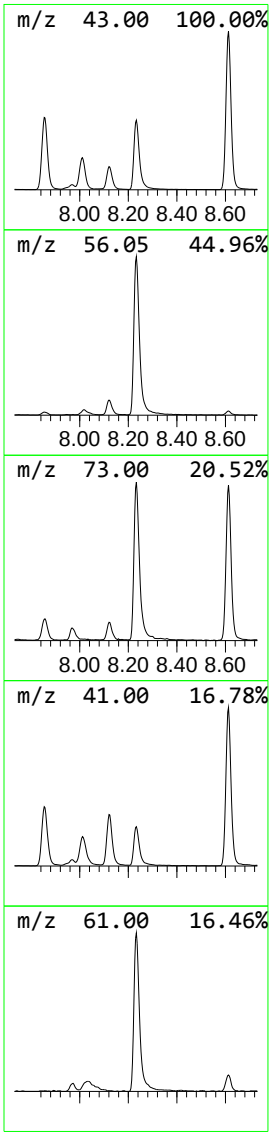
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.233	27.04 ug/L	1023410	Chlorobenzene-d5	8.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	78
2	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	72
3	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	72
4	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	59
5	Isobutyl acetate	116	C6H12O2	000110-19-0	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037646.D
Acq On : 30 Sep 2024 12:01
Operator : SY/MD
Sample : PB163749ZHE#11
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#11

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

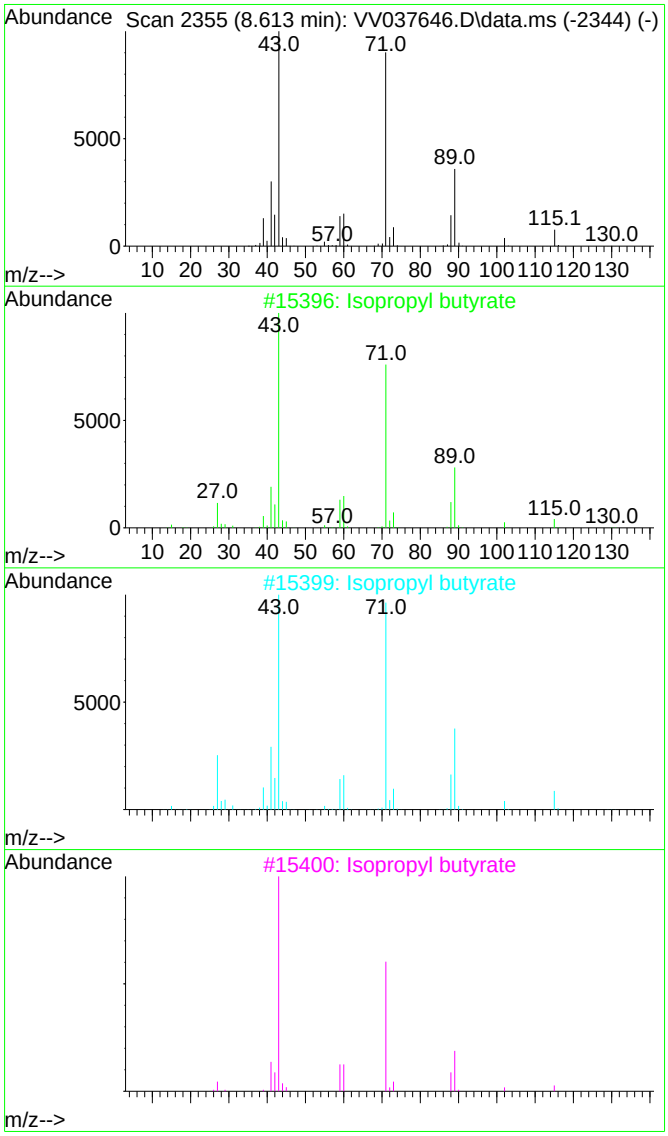
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

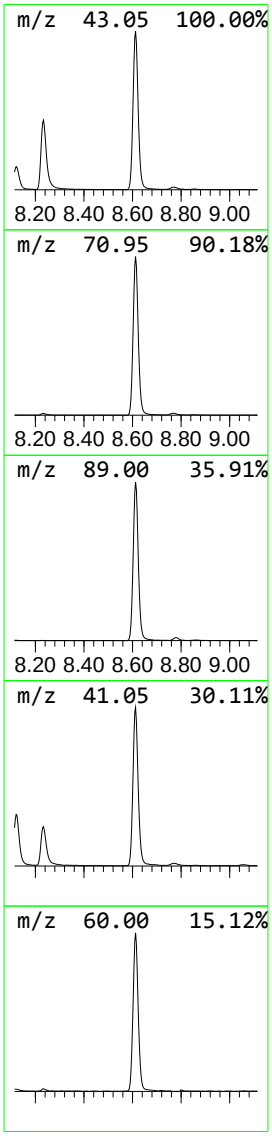
****

Peak Number 12 Isopropyl butyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.613	85.88 ug/L	3250790	Chlorobenzene-d5	8.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl butyrate	130	C7H14O2	000638-11-9	94
2	Isopropyl butyrate	130	C7H14O2	000638-11-9	91
3	Isopropyl butyrate	130	C7H14O2	000638-11-9	78
4	Butanoic acid, pentyl ester	158	C9H18O2	000540-18-1	64
5	Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037646.D
Acq On : 30 Sep 2024 12:01
Operator : SY/MD
Sample : PB163749ZHE#11
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#11

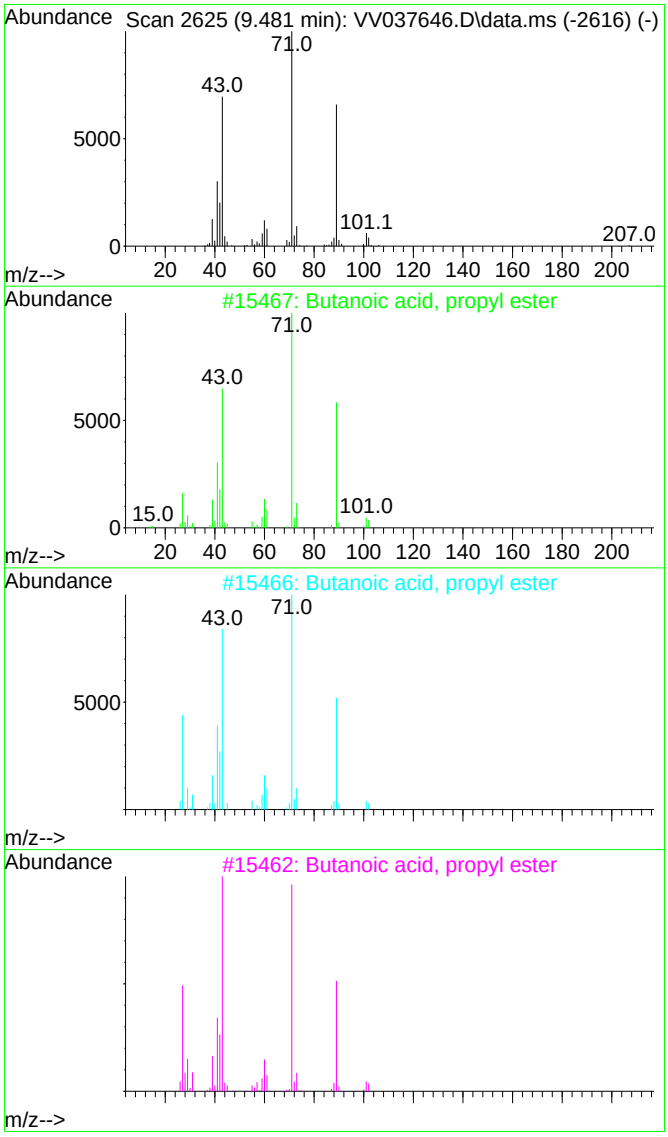
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

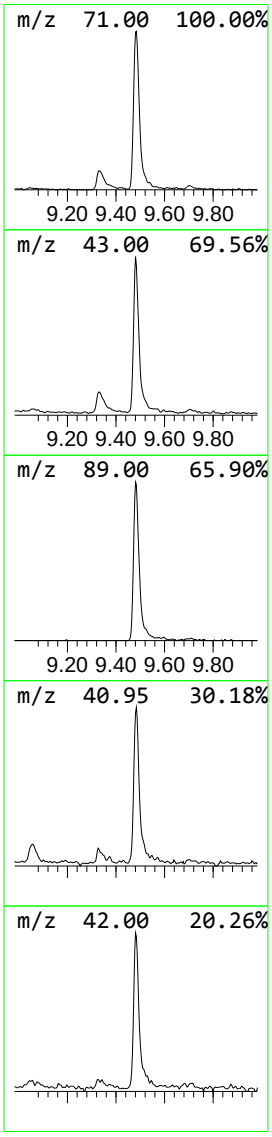
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.481	5.80 ug/L	219555	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	90
3	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	86
4	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	83
5	Butanoic acid, octyl ester	200	C12H24O2	000110-39-4	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037646.D
Acq On : 30 Sep 2024 12:01
Operator : SY/MD
Sample : PB163749ZHE#11
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#11

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
Methacrolein	3.089	3.0	ug/L	84416	1	5.529	1403180	50.0
Isopropyl acetate	5.198	12.5	ug/L	350957	1	5.529	1403180	50.0
3-Pentanone	6.272	2.7	ug/L	76058	1	5.529	1403180	50.0
n-Propyl acetate	6.384	117.8	ug/L	3306800	1	5.529	1403180	50.0
Propanoic acid,...	7.114	28.4	ug/L	797904	1	5.529	1403180	50.0
Propanoic acid,...	7.854	28.5	ug/L	1080120	2	8.780	1892700	50.0
Butanoic acid, ...	7.969	5.0	ug/L	189018	2	8.780	1892700	50.0
Propanoic acid,...	8.121	43.8	ug/L	1656000	2	8.780	1892700	50.0
Acetic acid, bu...	8.233	27.0	ug/L	1023410	2	8.780	1892700	50.0
Isopropyl butyrate	8.613	85.9	ug/L	3250790	2	8.780	1892700	50.0
Butanoic acid, ...	9.481	5.8	ug/L	219555	2	8.780	1892700	50.0