LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037647.D
Acq On : 30 Sep 2024 12:23
Operator : SY/MD
Sample : PB163749ZHE#12
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#12

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: VV037647.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	11	15	19	rBV	5527	4199	0.12%	0.012%
2	1.175	35	42	51	rBV	18027	27555	0.82%	0.082%
3	1.282	67	75	89	rVB	296003	323253	9.58%	0.959%
4	1.352	93	97	104	rVB2	10072	10178	0.30%	0.030%
5	1.532	146	153	170	rVB	286431	334021	9.89%	0.991%
6	2.060	306	317	328	rBV	573118	838375	24.83%	2.486%
7	2.114	328	334	348	rVB	62947	103566	3.07%	0.307%
8	2.445	429	437	448	rVB	30635	49664	1.47%	0.147%
9	3.089	629	637	663	rVB3	38059	89597	2.65%	0.266%
10	3.314	701	707	710	rBV4	1281	1368	0.04%	0.004%
11	3.497	760	764	766	rBV3	599	419	0.01%	0.001%
12	3.561	783	784	787	rBV3	733	457	0.01%	0.001%
13	3.645	805	810	812	rBV3	878	761	0.02%	0.002%
14	3.751	841	843	847	rVB4	1081	725	0.02%	0.002%
15	3.793	847	856	883	rBV	123951	347210	10.29%	1.030%
16	4.243	979	996	1028	rBV	446754	1124270	33.30%	3.334%
17	4.449	1057	1060	1063	rBV4	852	644	0.02%	0.002%
18	4.468	1063	1066	1068	rVV2	620	386	0.01%	0.001%
19	4.596	1102	1106	1108	rVB4	969	589	0.02%	0.002%
20	4.690	1133	1135	1138	rBV2	606	343	0.01%	0.001%
21	4.719	1141	1144	1147	rBB3	984	536	0.02%	0.002%
22	4.741	1147	1151	1154	rBV5	701	689	0.02%	0.002%
23	4.770	1158	1160	1164	rVB2	1060	518	0.02%	0.002%
24	4.796	1164	1168	1173	rBV3	745	571	0.02%	0.002%
25	4.841	1177	1182	1185	rBV3	607	635	0.02%	0.002%
26	4.863	1185	1189	1195	rVB5	629	698	0.02%	0.002%
27	4.950	1199	1216	1255	rBV2	1038380	2660807	78.82%	7.891%
28	5.198	1283	1293	1319	rBV	152323	343400	10.17%	1.018%
29	5.529	1385	1396	1430	rBV	729254	1515777	44.90%	4.495%
30	5.828	1483	1489	1491	rBV7	4176	4183	0.12%	0.012%
31	5.982	1515	1537	1560	rBV	604252	1289111	38.19%	3.823%
32	6.268	1619	1626	1652	rVB	48600	135607	4.02%	0.402%
33	6.384	1653	1662	1697	rBV	1916508	3375882	100.00%	10.012%
34	6.812	1793	1795	1798	rBV4	1529	1157	0.03%	0.003%
35	6.908	1815	1825	1849	rBV	344058	639762	18.95%	1.897%
36	7.114	1878	1889	1916	rBV	462770	812457	24.07%	2.410%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037647.D
Acq On : 30 Sep 2024 12:23
Operator : SY/MD
Sample : PB163749ZHE#12
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#12

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	7.236	1917	1927	1958	rVV	1243852	2192483	64.95%	6.502%
38	7.545	2012	2023	2057	rBV3	809094	1441146	42.69%	4.274%
39	7.854	2108	2119	2139	rBV	660927	1086821	32.19%	3.223%
40	7.969	2142	2155	2160	rVV3	103542	190580	5.65%	0.565%
41	8.018	2161	2170	2191	rVV3	657349	1323485	39.20%	3.925%
42	8.120	2194	2202	2228	rVV	1064523	1683733	49.88%	4.994%
43	8.233	2228	2237	2269	rVB	635454	1030327	30.52%	3.056%
44	8.612	2344	2355	2391	rBV	2198482	3312412	98.12%	9.824%
45	8.780	2395	2407	2445	rVV	1215469	2033996	60.25%	6.032%
46	9.056	2484	2493	2511	rBV	20797	40151	1.19%	0.119%
47	9.329	2571	2578	2597	rBV3	13560	28237	0.84%	0.084%
48	9.484	2616	2626	2653	rBV	133961	231053	6.84%	0.685%
49	9.918	2759	2761	2764	rBV2	751	462	0.01%	0.001%
50	10.034	2793	2797	2798	rBV3	838	632	0.02%	0.002%
51	10.146	2820	2832	2853	rBV	767306	1213137	35.94%	3.598%
52	10.458	2925	2929	2930	rBV4	764	467	0.01%	0.001%
53	10.567	2960	2963	2964	rBV2	921	594	0.02%	0.002%
54	10.593	2968	2971	2974	rBV3	687	433	0.01%	0.001%
55	10.625	2978	2981	2982	rBV2	942	580	0.02%	0.002%
56	10.709	3004	3007	3011	rBV6	818	554	0.02%	0.002%
57	10.760	3020	3023	3025	rBV4	605	349	0.01%	0.001%
58	10.786	3025	3031	3034	rBV7	1658	1486	0.04%	0.004%
59	10.853	3049	3052	3059	rBV5	1145	1463	0.04%	0.004%
60	10.915	3068	3071	3077	rVB4	923	972	0.03%	0.003%
61	10.956	3081	3084	3085	rBV2	774	403	0.01%	0.001%
62	11.075	3116	3121	3124	rBV6	836	780	0.02%	0.002%
63	11.091	3124	3126	3131	rVB3	797	558	0.02%	0.002%
64	11.124	3132	3136	3137	rBV3	1008	660	0.02%	0.002%
65	11.178	3142	3153	3179	rBV	1107206	1774127	52.55%	5.262%
66	11.490	3246	3250	3255	rVB7	1081	1020	0.03%	0.003%
67	11.551	3258	3269	3299	rBV	1273467	2057910	60.96%	6.103%
68	11.876	3367	3370	3372	rVB3	897	450	0.01%	0.001%
69	11.918	3381	3383	3389	rVB6	815	579	0.02%	0.002%
70	12.027	3415	3417	3422	rVB6	1060	648	0.02%	0.002%
71	12.130	3445	3449	3453	rVB6	969	931	0.03%	0.003%
72	12.152	3453	3456	3460	rBV5	735	806	0.02%	0.002%
73	12.284	3492	3497	3500	rBV5	1221	1451	0.04%	0.004%
74	12.307	3500	3504	3505	rBV5	1425	944	0.03%	0.003%
75	12.503	3564	3565	3571	rBV5	784	570	0.02%	0.002%
76	12.535	3571	3575	3579	rVB5	1013	883	0.03%	0.003%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037647.D
Acq On : 30 Sep 2024 12:23
Operator : SY/MD
Sample : PB163749ZHE#12
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#12

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	12.574	3584	3587	3588	rBV2	669	397	0.01%	0.001%
78	12.603	3591	3596	3599	rBV8	1167	1184	0.04%	0.004%
79	12.654	3610	3612	3616	rBV2	771	440	0.01%	0.001%
80	12.847	3670	3672	3675	rVB3	1244	567	0.02%	0.002%
81	12.869	3675	3679	3682	rBV5	1209	1061	0.03%	0.003%
82	12.953	3702	3705	3709	rBV4	921	835	0.02%	0.002%
83	13.005	3718	3721	3724	rVB3	1070	513	0.02%	0.002%
84	13.098	3746	3750	3753	rBV5	814	714	0.02%	0.002%
85	13.117	3753	3756	3758	rVV3	716	519	0.02%	0.002%
86	13.136	3761	3762	3766	rVB5	1161	606	0.02%	0.002%
87	13.172	3766	3773	3776	rBV6	1368	1613	0.05%	0.005%
88	13.294	3808	3811	3812	rBV2	788	440	0.01%	0.001%
89	13.419	3848	3850	3852	rBV	730	335	0.01%	0.001%
90	13.464	3854	3864	3869	rVV7	2236	3783	0.11%	0.011%
91	13.500	3874	3875	3882	rBV6	845	974	0.03%	0.003%
92	13.580	3896	3900	3904	rBV5	1358	1248	0.04%	0.004%
93	13.802	3967	3969	3972	rBV2	774	415	0.01%	0.001%
94	13.937	4010	4011	4015	rBV3	597	442	0.01%	0.001%
95	14.120	4065	4068	4069	rBV2	720	444	0.01%	0.001%
96	14.249	4105	4108	4111	rBV3	757	475	0.01%	0.001%
97	14.268	4111	4114	4116	rVV4	714	444	0.01%	0.001%
98	14.358	4139	4142	4144	rBV3	840	698	0.02%	0.002%
99	14.545	4198	4200	4206	rBV5	894	821	0.02%	0.002%
100	14.619	4220	4223	4226	rBV2	1219	1085	0.03%	0.003%

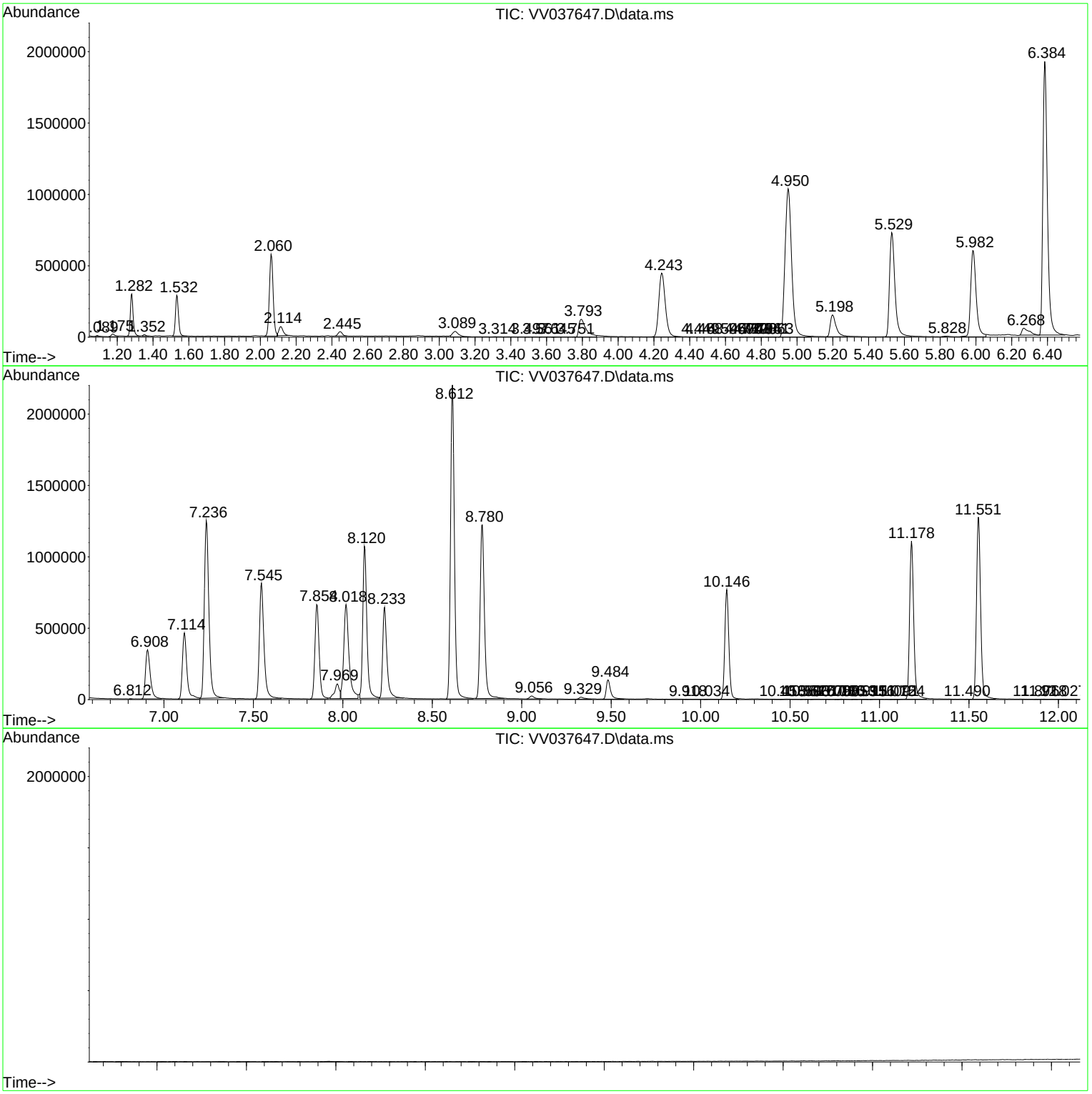
Sum of corrected areas: 33717696

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037647.D
Acq On : 30 Sep 2024 12:23
Operator : SY/MD
Sample : PB163749ZHE#12
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#12

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 : VV037647.D
Acq On : 30 Sep 2024 12:23
Operator : SY/MD
Sample : PB163749ZHE#12
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#12

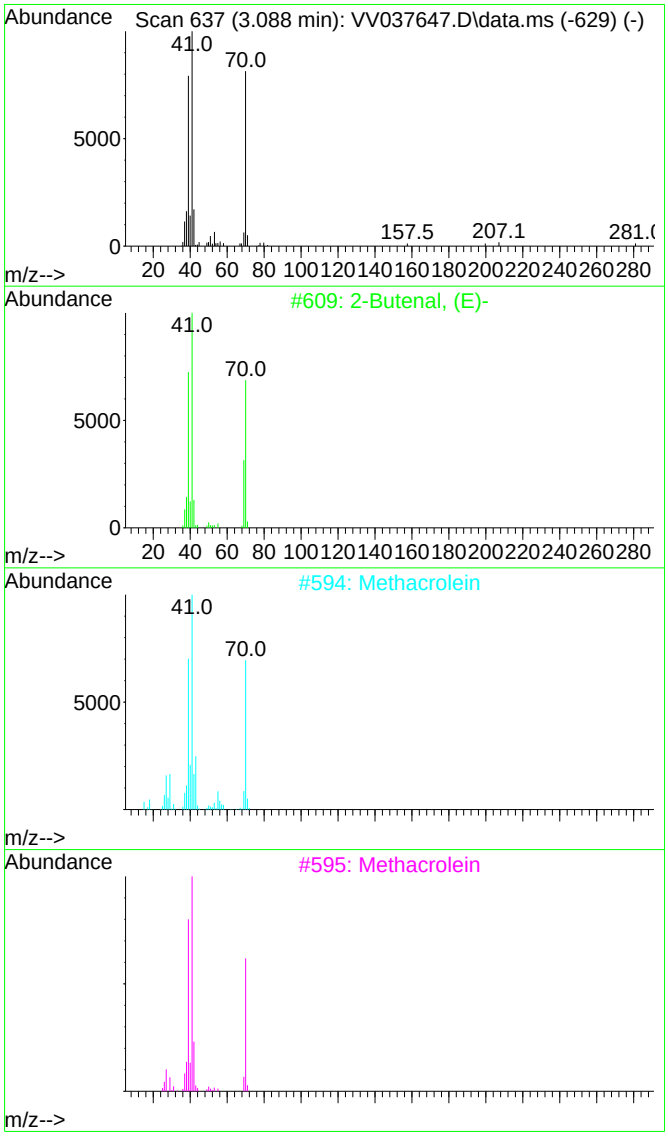
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

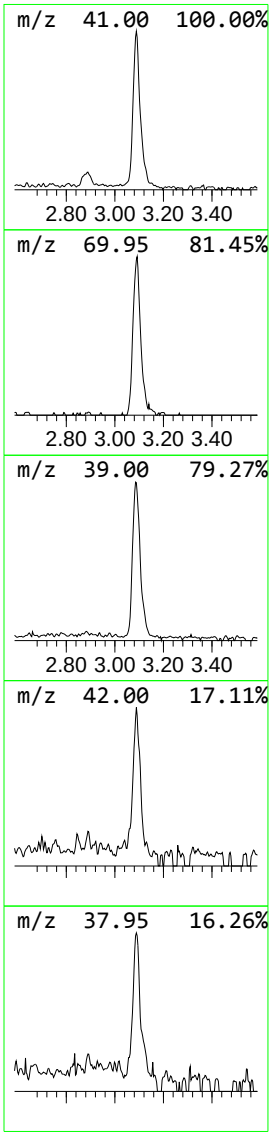
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.088	2.96 ug/L	89597	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	90
3	Methacrolein	70	C4H6O	000078-85-3	90
4	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	86
5	2-Butenal, (Z)-	70	C4H6O	015798-64-8	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037647.D
Acq On : 30 Sep 2024 12:23
Operator : SY/MD
Sample : PB163749ZHE#12
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#12

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

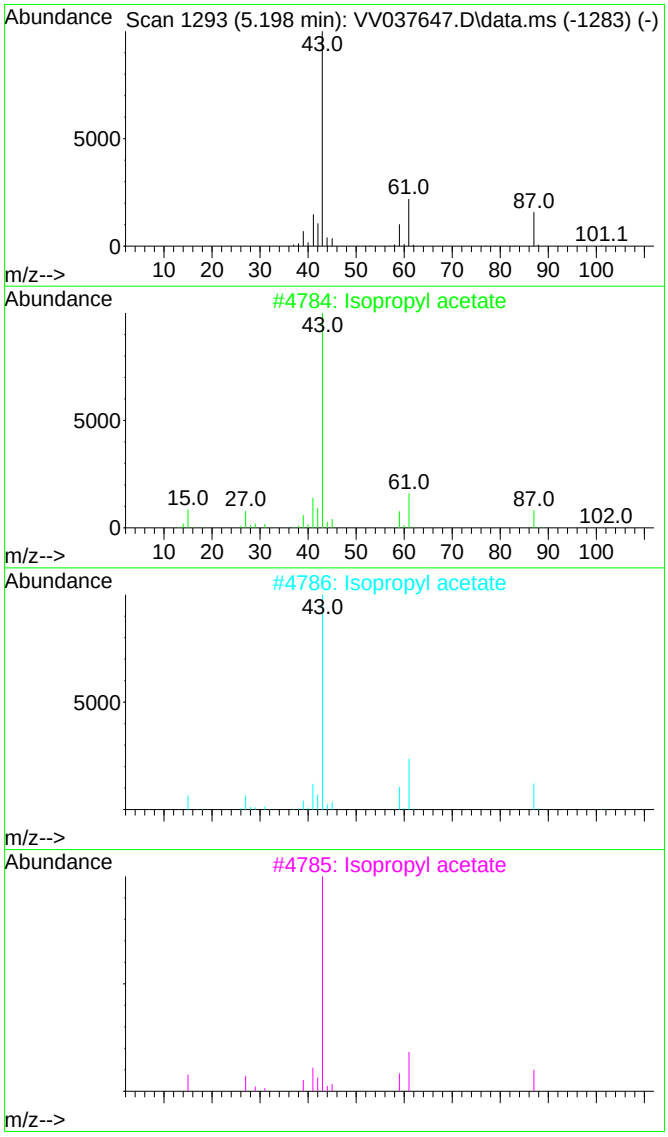
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

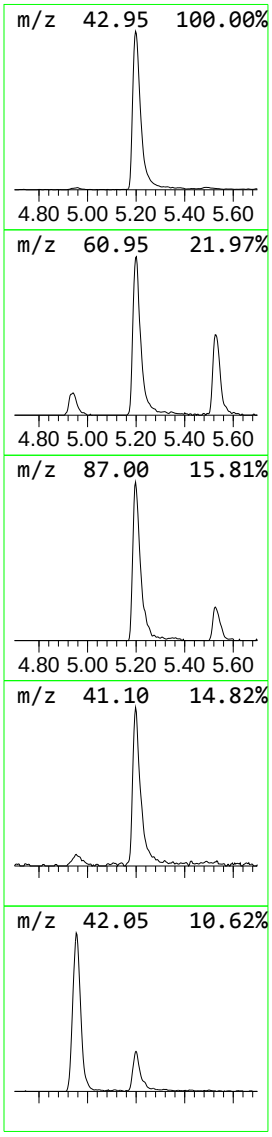
****

Peak Number 3 Isopropyl acetate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.198	11.33 ug/L	343400	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	83
3	Isopropyl acetate	102	C5H10O2	000108-21-4	78
4	Isopropyl acetate	102	C5H10O2	000108-21-4	74
5	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037647.D
Acq On : 30 Sep 2024 12:23
Operator : SY/MD
Sample : PB163749ZHE#12
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#12

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

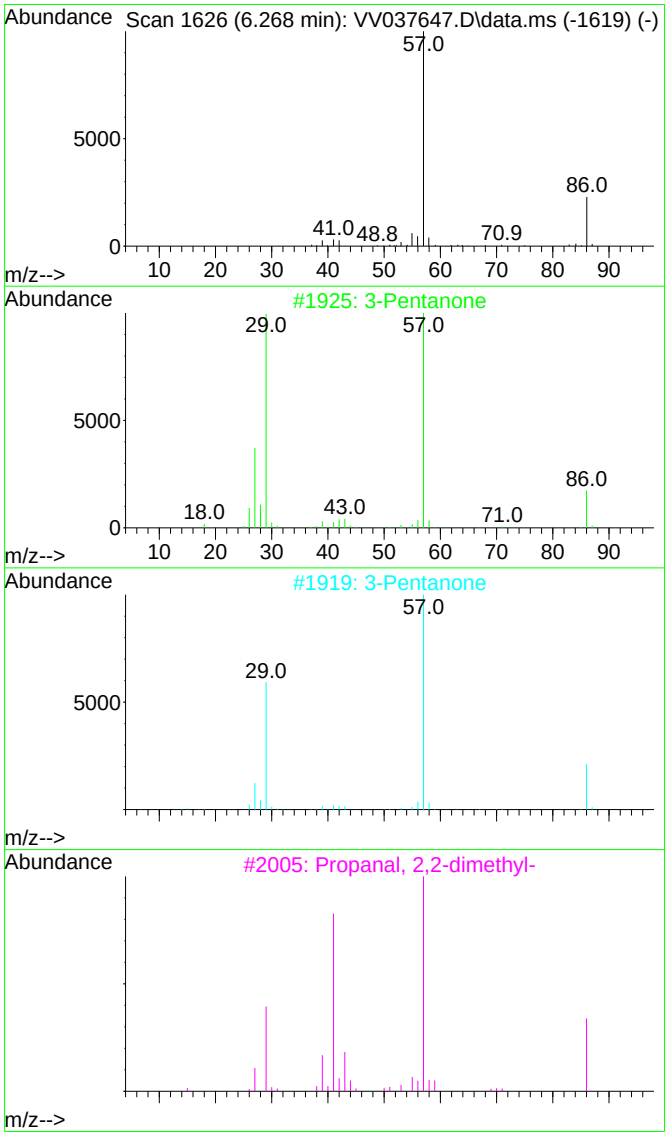
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

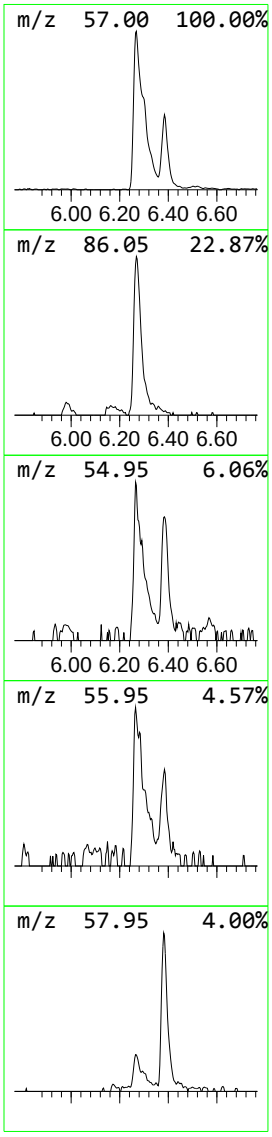
****

Peak Number 4 3-Pentanone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.268	4.47 ug/L	135607	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	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	72
4	3-Pentanone	86	C5H10O	000096-22-0	45
5	3-Pentanone	86	C5H10O	000096-22-0	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037647.D
Acq On : 30 Sep 2024 12:23
Operator : SY/MD
Sample : PB163749ZHE#12
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#12

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

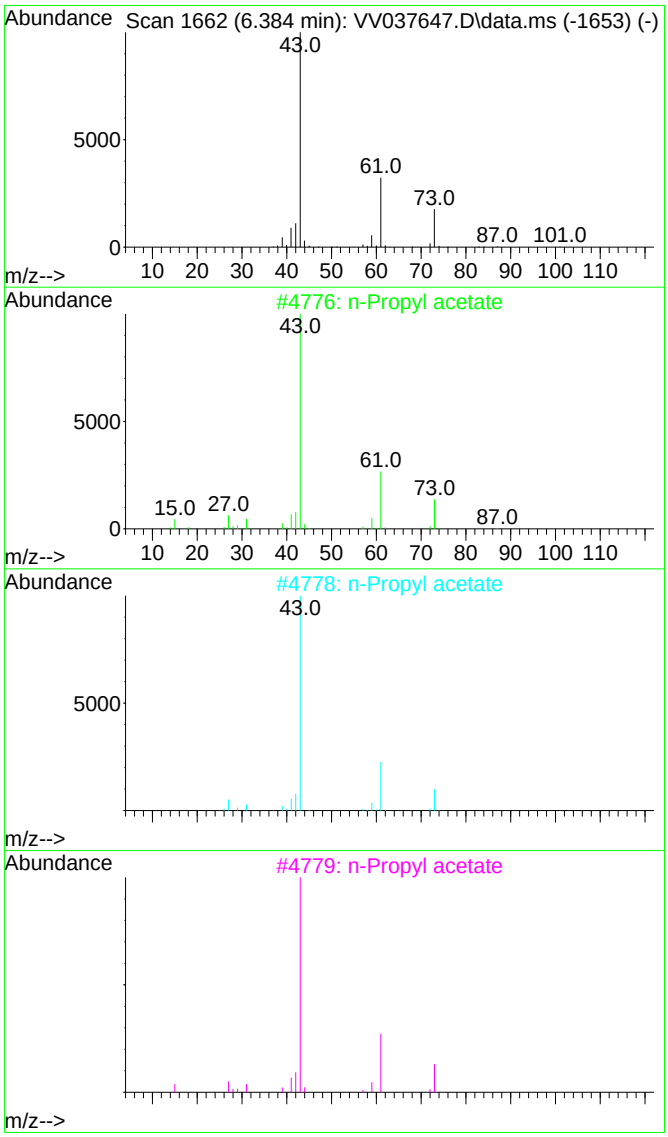
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

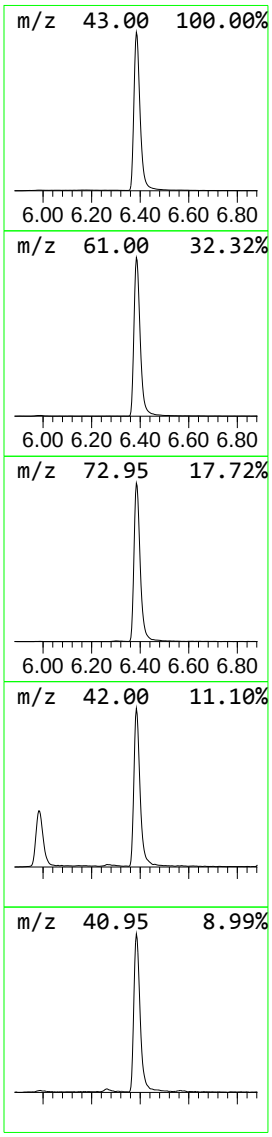
****

Peak Number 5 n-Propyl acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.384	111.36 ug/L	3375880	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 : VV037647.D
Acq On : 30 Sep 2024 12:23
Operator : SY/MD
Sample : PB163749ZHE#12
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#12

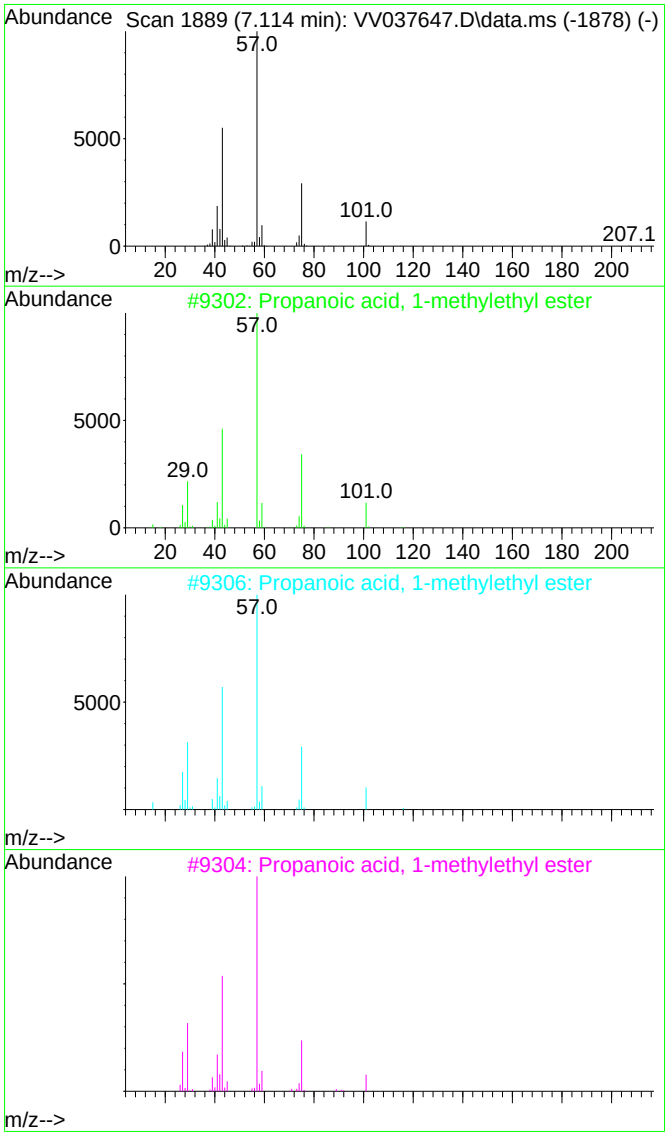
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

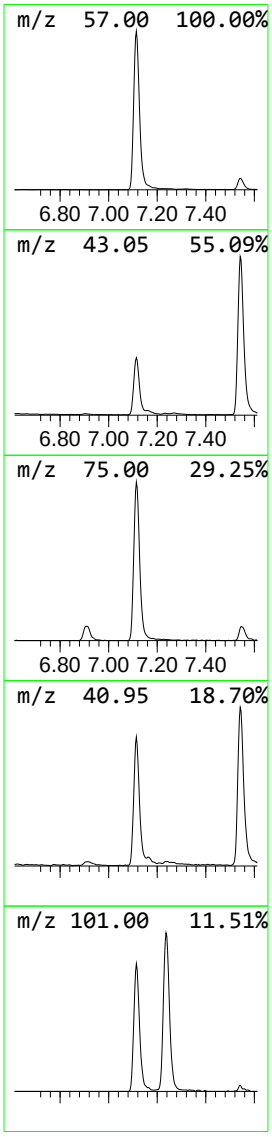
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.114	26.80 ug/L	812457	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	64
5	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037647.D
Acq On : 30 Sep 2024 12:23
Operator : SY/MD
Sample : PB163749ZHE#12
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#12

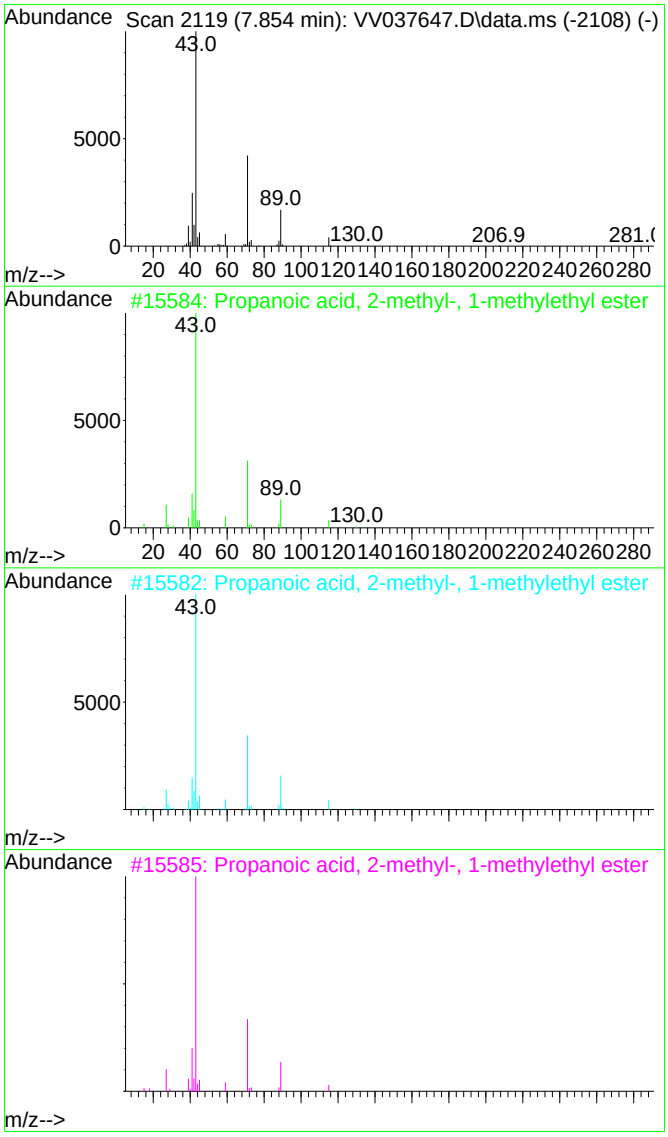
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

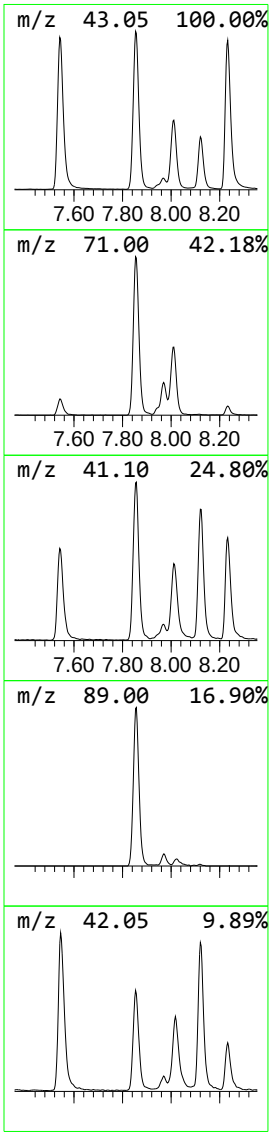
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.854	26.72 ug/L	1086820	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 : VV037647.D
Acq On : 30 Sep 2024 12:23
Operator : SY/MD
Sample : PB163749ZHE#12
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#12

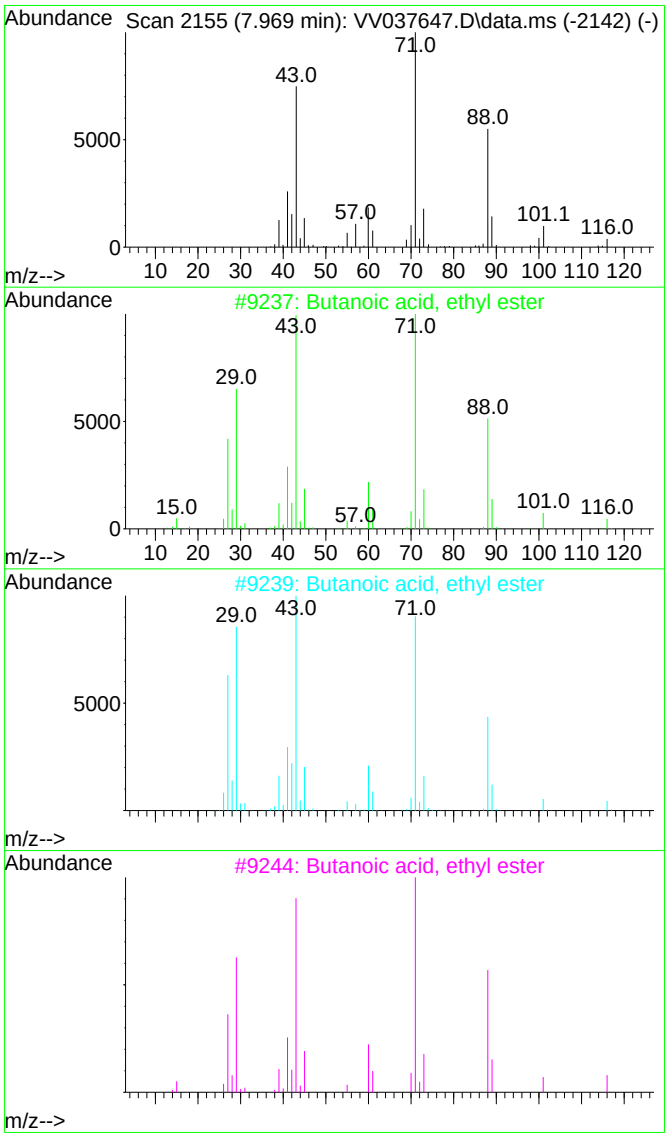
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

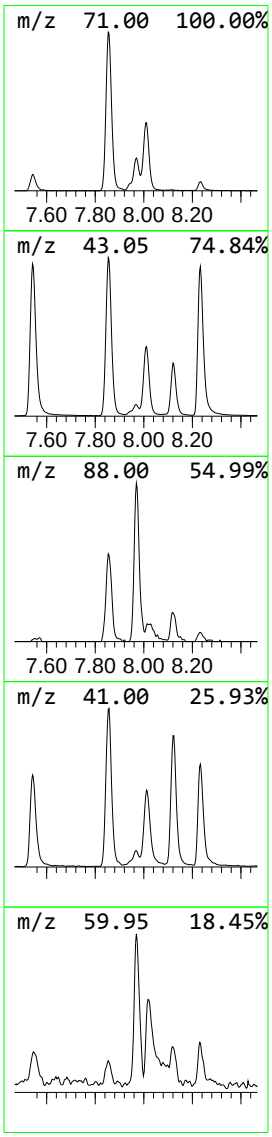
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.969	4.68 ug/L	190580	Chlorobenzene-d5	8.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	97
2	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	91
3	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	83
4	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	64
5	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	64





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Data File : VV037647.D
Acq On : 30 Sep 2024 12:23
Operator : SY/MD
Sample : PB163749ZHE#12
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#12

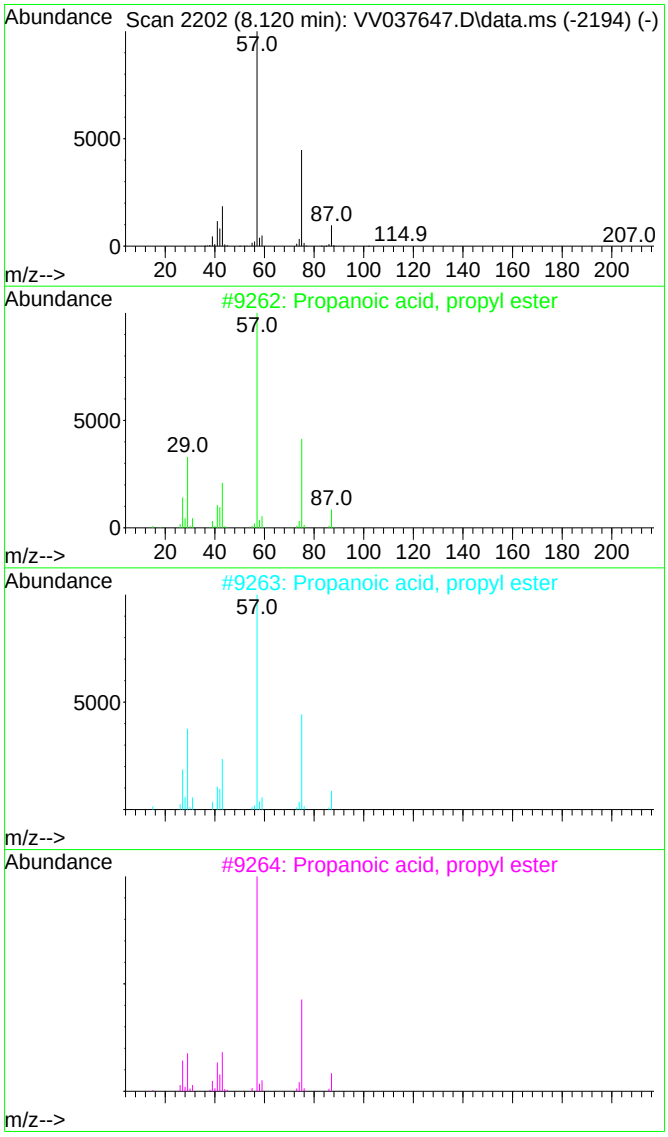
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

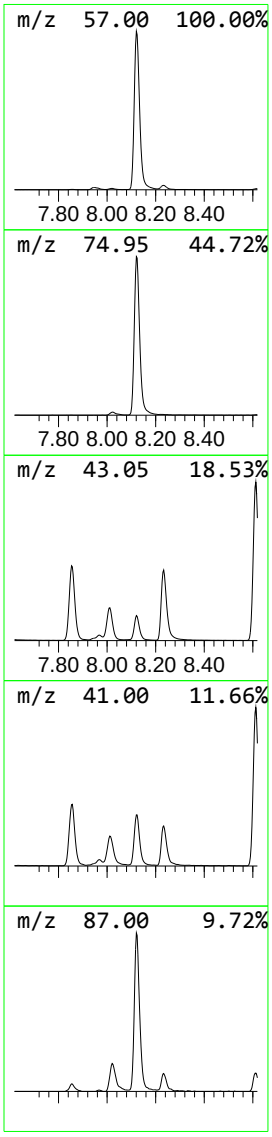
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.120	41.39 ug/L	1683730	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 : VV037647.D
Acq On : 30 Sep 2024 12:23
Operator : SY/MD
Sample : PB163749ZHE#12
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#12

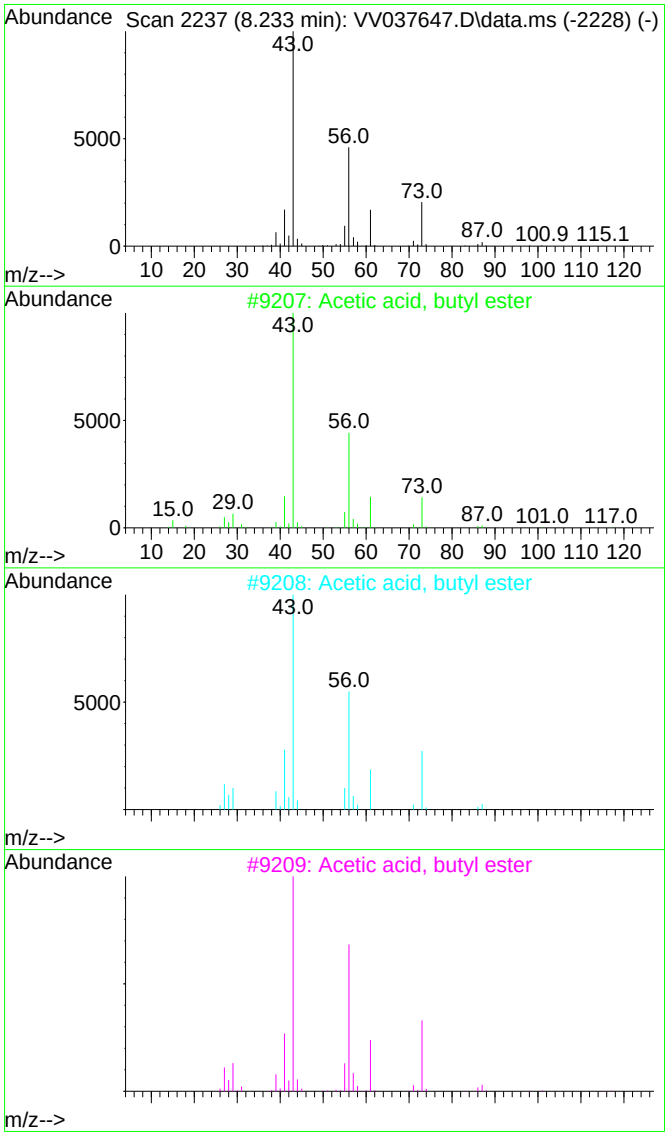
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

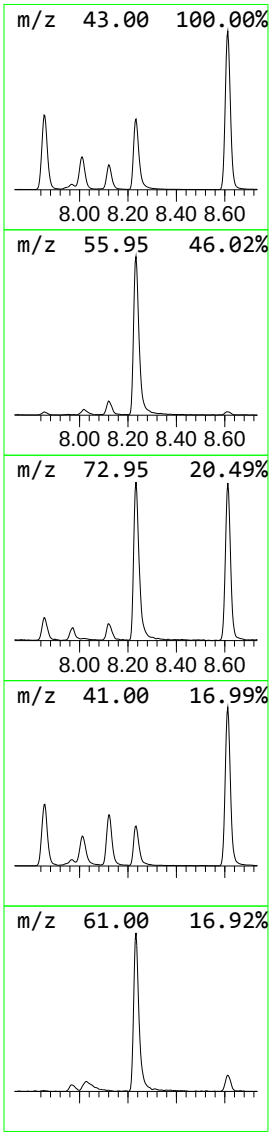
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.233	25.33 ug/L	1030330	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 : VV037647.D
Acq On : 30 Sep 2024 12:23
Operator : SY/MD
Sample : PB163749ZHE#12
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#12

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

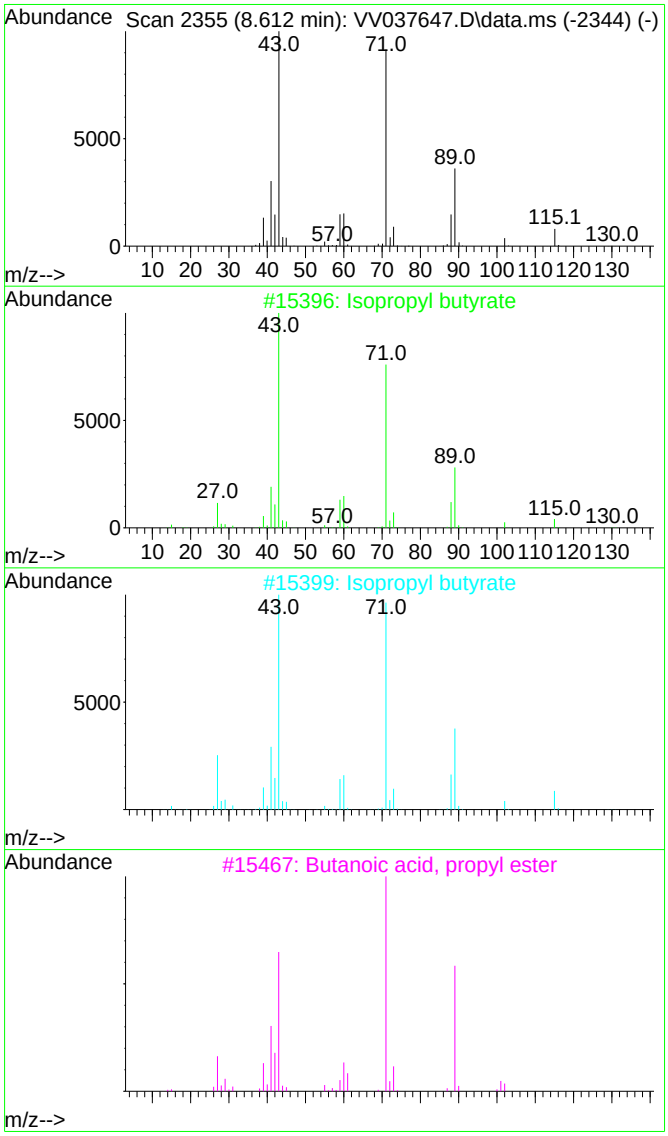
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

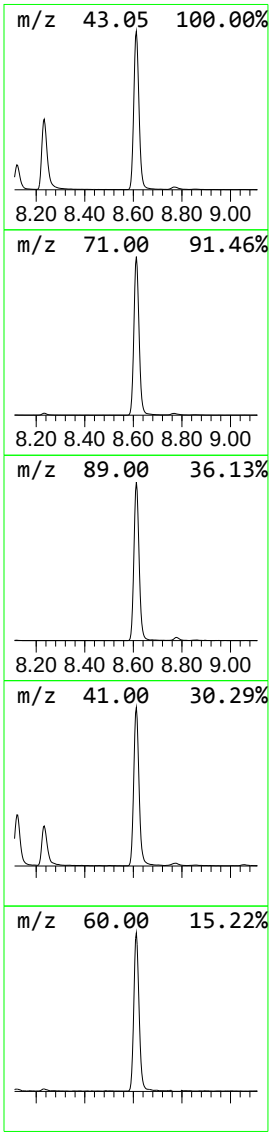
****

Peak Number 12 Isopropyl butyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.612	81.43 ug/L	3312410	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	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	72
4	Isopropyl butyrate	130	C7H14O2	000638-11-9	72
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037647.D
Acq On : 30 Sep 2024 12:23
Operator : SY/MD
Sample : PB163749ZHE#12
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#12

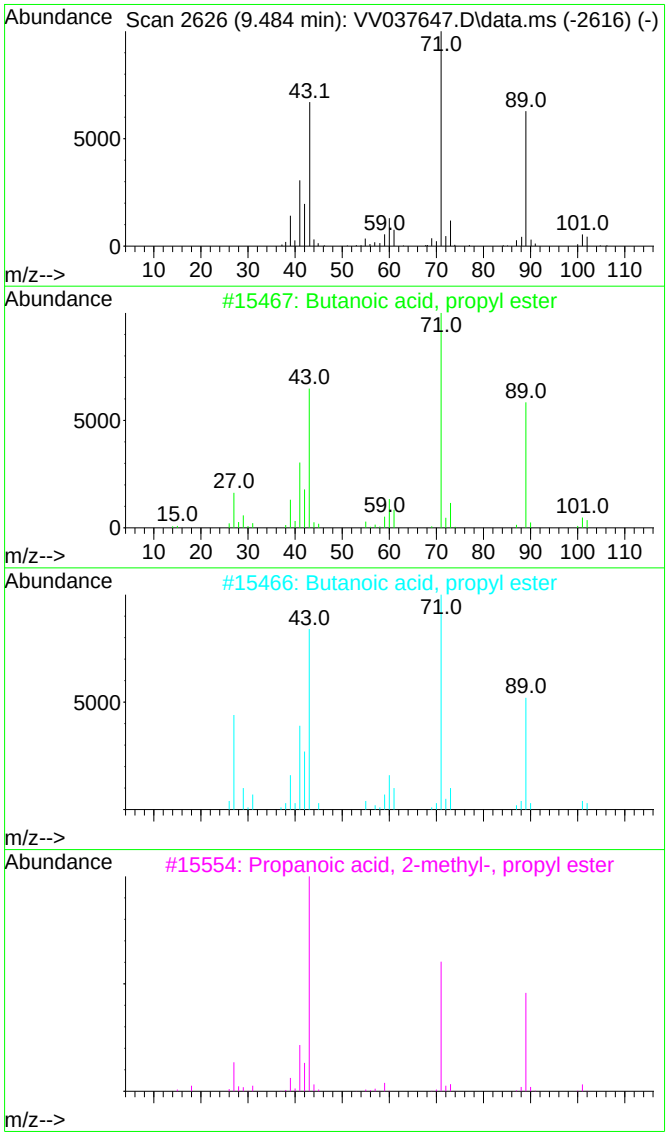
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

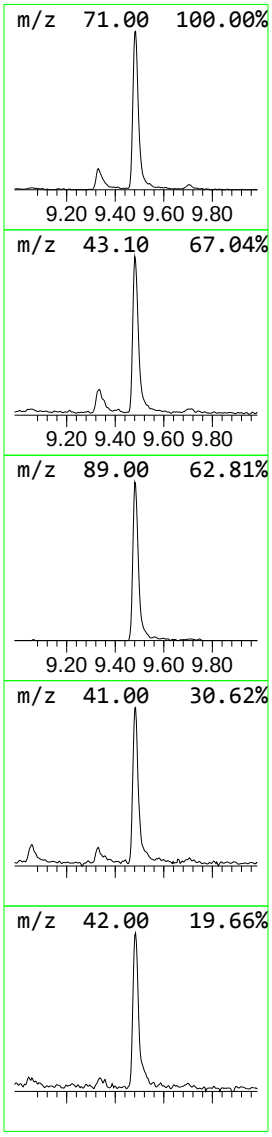
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.484	5.68 ug/L	231053	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	86
3	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	72
4	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	72
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037647.D
Acq On : 30 Sep 2024 12:23
Operator : SY/MD
Sample : PB163749ZHE#12
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB163749ZHE#12

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)-	3.088	3.0	ug/L	89597	1	5.529	1515780	50.0
Isopropyl acetate	5.198	11.3	ug/L	343400	1	5.529	1515780	50.0
3-Pentanone	6.268	4.5	ug/L	135607	1	5.529	1515780	50.0
n-Propyl acetate	6.384	111.4	ug/L	3375880	1	5.529	1515780	50.0
Propanoic acid,...	7.114	26.8	ug/L	812457	1	5.529	1515780	50.0
Propanoic acid,...	7.854	26.7	ug/L	1086820	2	8.780	2034000	50.0
Butanoic acid, ...	7.969	4.7	ug/L	190580	2	8.780	2034000	50.0
Propanoic acid,...	8.120	41.4	ug/L	1683730	2	8.780	2034000	50.0
Acetic acid, bu...	8.233	25.3	ug/L	1030330	2	8.780	2034000	50.0
Isopropyl butyrate	8.612	81.4	ug/L	3312410	2	8.780	2034000	50.0
Butanoic acid, ...	9.484	5.7	ug/L	231053	2	8.780	2034000	50.0