LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037028.D
Acq On : 26 Aug 2024 15:33
Operator : SY/MD
Sample : PB162923ZHE#14
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB162923ZHE#14

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\SFAMVLM082624WMA.M
Title : VOC Analysis

Signal : TIC: VV037028.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	10	14	22	rVB	13827	12320	0.27%	0.033%
2	1.278	67	74	90	rBV	373290	397468	8.81%	1.056%
3	1.349	92	96	103	rVB	16599	16159	0.36%	0.043%
4	1.532	145	153	173	rVB	314107	376691	8.35%	1.001%
5	2.056	306	316	327	rBV	655975	945588	20.96%	2.512%
6	2.114	327	334	354	rVB	106751	181459	4.02%	0.482%
7	2.442	430	436	448	rVB2	44041	68168	1.51%	0.181%
8	3.085	628	636	661	rVB2	68757	170575	3.78%	0.453%
9	3.323	708	710	715	rVB5	1734	1070	0.02%	0.003%
10	3.407	732	736	737	rBV4	1577	1153	0.03%	0.003%
11	3.500	763	765	768	rVB4	1173	760	0.02%	0.002%
12	3.629	803	805	808	rVB4	1464	860	0.02%	0.002%
13	3.654	808	813	816	rVB6	1125	1139	0.03%	0.003%
14	3.732	833	837	841	rVB5	1173	955	0.02%	0.003%
15	3.764	844	847	848	rBV3	1276	769	0.02%	0.002%
16	3.796	848	857	891	rBV	164170	449152	9.96%	1.193%
17	4.047	933	935	939	rVB5	2093	1300	0.03%	0.003%
18	4.243	980	996	1022	rVV	425068	1069106	23.70%	2.840%
19	4.436	1050	1056	1060	rBV8	1112	1422	0.03%	0.004%
20	4.568	1088	1097	1102	rBV10	2157	3056	0.07%	0.008%
21	4.596	1104	1106	1110	rVB5	1470	1078	0.02%	0.003%
22	4.616	1110	1112	1114	rBV3	1303	805	0.02%	0.002%
23	4.642	1116	1120	1123	rVB5	1124	921	0.02%	0.002%
24	4.744	1149	1152	1155	rVB4	1215	734	0.02%	0.002%
25	4.825	1171	1177	1179	rBV5	964	901	0.02%	0.002%
26	4.863	1187	1189	1193	rBV4	1101	783	0.02%	0.002%
27	4.950	1196	1216	1247	rBV2	1084847	2710297	60.08%	7.200%
28	5.201	1283	1294	1316	rBV	204876	457277	10.14%	1.215%
29	5.477	1374	1380	1381	rBV5	1989	1946	0.04%	0.005%
30	5.529	1385	1396	1415	rBV	740527	1489230	33.01%	3.956%
31	5.609	1416	1421	1422	rBV	22220	19424	0.43%	0.052%
32	5.986	1527	1538	1561	rVB	598936	1212109	26.87%	3.220%
33	6.265	1619	1625	1653	rVB2	91626	254155	5.63%	0.675%
34	6.387	1653	1663	1700	rVB	2549930	4510853	100.00%	11.984%
35	6.908	1815	1825	1854	rBV	351906	636929	14.12%	1.692%
36	7.117	1879	1890	1915	rBV	568084	988520	21.91%	2.626%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037028.D
Acq On : 26 Aug 2024 15:33
Operator : SY/MD
Sample : PB162923ZHE#14
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB162923ZHE#14

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\SFAMVLM082624WMA.M
Title : VOC Analysis

37	7.239	1917	1928	1956	rVV	1245330	2189910	48.55%	5.818%
38	7.545	2013	2023	2055	rBV2	939076	1640410	36.37%	4.358%
39	7.857	2109	2120	2139	rBV	810742	1320077	29.26%	3.507%
40	7.969	2141	2155	2161	rVV2	128371	258062	5.72%	0.686%
41	8.021	2161	2171	2193	rVV3	812251	1608822	35.67%	4.274%
42	8.124	2194	2203	2227	rVV	1284767	2033116	45.07%	5.401%
43	8.236	2229	2238	2269	rVB	812418	1315671	29.17%	3.495%
44	8.616	2344	2356	2390	rBV	2496691	3844979	85.24%	10.215%
45	8.780	2396	2407	2426	rBV	1191799	1951331	43.26%	5.184%
46	9.056	2485	2493	2499	rBV2	25217	38982	0.86%	0.104%
47	9.239	2547	2550	2552	rVB4	1464	871	0.02%	0.002%
48	9.326	2569	2577	2594	rBV	24739	50275	1.11%	0.134%
49	9.484	2616	2626	2643	rBV	190541	315018	6.98%	0.837%
50	9.699	2687	2693	2700	rBV9	4468	7363	0.16%	0.020%
51	9.834	2731	2735	2738	rBV5	1760	1566	0.03%	0.004%
52	9.899	2753	2755	2758	rBV4	1771	1138	0.03%	0.003%
53	10.149	2820	2833	2864	rBV	774533	1235048	27.38%	3.281%
54	10.461	2927	2930	2931	rBV3	2250	1127	0.02%	0.003%
55	10.516	2945	2947	2952	rBV6	1203	900	0.02%	0.002%
56	10.577	2963	2966	2970	rBV5	1252	1196	0.03%	0.003%
57	10.683	2998	2999	3006	rVB5	1162	770	0.02%	0.002%
58	10.763	3018	3024	3025	rBV6	1888	1461	0.03%	0.004%
59	10.818	3038	3041	3042	rBV3	1543	813	0.02%	0.002%
60	10.841	3046	3048	3050	rVV3	1948	1161	0.03%	0.003%
61	10.866	3050	3056	3061	rVV9	3010	3726	0.08%	0.010%
62	10.969	3083	3088	3089	rBV4	1650	1286	0.03%	0.003%
63	11.024	3102	3105	3110	rVB6	1999	1553	0.03%	0.004%
64	11.181	3142	3154	3177	rBV	1138627	1827290	40.51%	4.855%
65	11.503	3251	3254	3256	rBV4	1415	881	0.02%	0.002%
66	11.554	3258	3270	3300	rVV	1218761	1942459	43.06%	5.161%
67	11.860	3363	3365	3367	rBV3	1418	744	0.02%	0.002%
68	11.995	3403	3407	3408	rBV4	1396	898	0.02%	0.002%
69	12.069	3428	3430	3436	rBV7	1085	864	0.02%	0.002%
70	12.140	3448	3452	3454	rBV4	1506	989	0.02%	0.003%
71	12.204	3467	3472	3474	rBV6	3960	3824	0.08%	0.010%
72	12.587	3586	3591	3595	rBV8	2524	3022	0.07%	0.008%
73	12.725	3628	3634	3639	rBV6	1333	1515	0.03%	0.004%
74	12.747	3639	3641	3645	rBV4	1260	795	0.02%	0.002%
75	12.796	3652	3656	3660	rBV4	1765	1825	0.04%	0.005%
76	12.831	3663	3667	3671	rVV6	1243	1127	0.02%	0.003%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037028.D
Acq On : 26 Aug 2024 15:33
Operator : SY/MD
Sample : PB162923ZHE#14
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB162923ZHE#14

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\SFAMVLM082624WMA.M
Title : VOC Analysis

77	12.879	3680	3682	3688	rVB5	1904	1502	0.03%	0.004%
78	13.027	3724	3728	3731	rVV3	1255	1029	0.02%	0.003%
79	13.046	3731	3734	3738	rVV5	1013	851	0.02%	0.002%
80	13.107	3750	3753	3754	rBV3	1318	823	0.02%	0.002%
81	13.152	3763	3767	3770	rBV5	1121	916	0.02%	0.002%
82	13.281	3803	3807	3810	rBV4	1282	1433	0.03%	0.004%
83	13.448	3851	3859	3870	rBV4	5580	11684	0.26%	0.031%
84	13.529	3882	3884	3887	rVB3	1928	1142	0.03%	0.003%
85	13.586	3898	3902	3904	rBV5	1515	1118	0.02%	0.003%
86	13.677	3919	3930	3932	rBV10	4743	6455	0.14%	0.017%
87	13.722	3941	3944	3946	rVB4	2200	1045	0.02%	0.003%
88	13.776	3959	3961	3964	rVB3	2295	1204	0.03%	0.003%
89	13.792	3964	3966	3970	rBV4	1141	1110	0.02%	0.003%
90	13.918	4002	4005	4008	rVB6	1660	877	0.02%	0.002%
91	13.934	4008	4010	4013	rBV4	1481	804	0.02%	0.002%
92	13.956	4013	4017	4020	rBV5	1732	1310	0.03%	0.003%
93	14.024	4035	4038	4041	rBV4	1107	777	0.02%	0.002%
94	14.397	4150	4154	4155	rBV4	1376	953	0.02%	0.003%
95	14.548	4198	4201	4204	rBV5	1192	982	0.02%	0.003%
96	14.783	4270	4274	4279	rBV8	1604	1945	0.04%	0.005%
97	14.940	4321	4323	4326	rBV4	1796	1167	0.03%	0.003%
98	15.017	4345	4347	4348	rBV2	1595	733	0.02%	0.002%
99	15.043	4351	4355	4356	rBV4	2921	1823	0.04%	0.005%
100	15.230	4411	4413	4417	rBV5	1530	1075	0.02%	0.003%

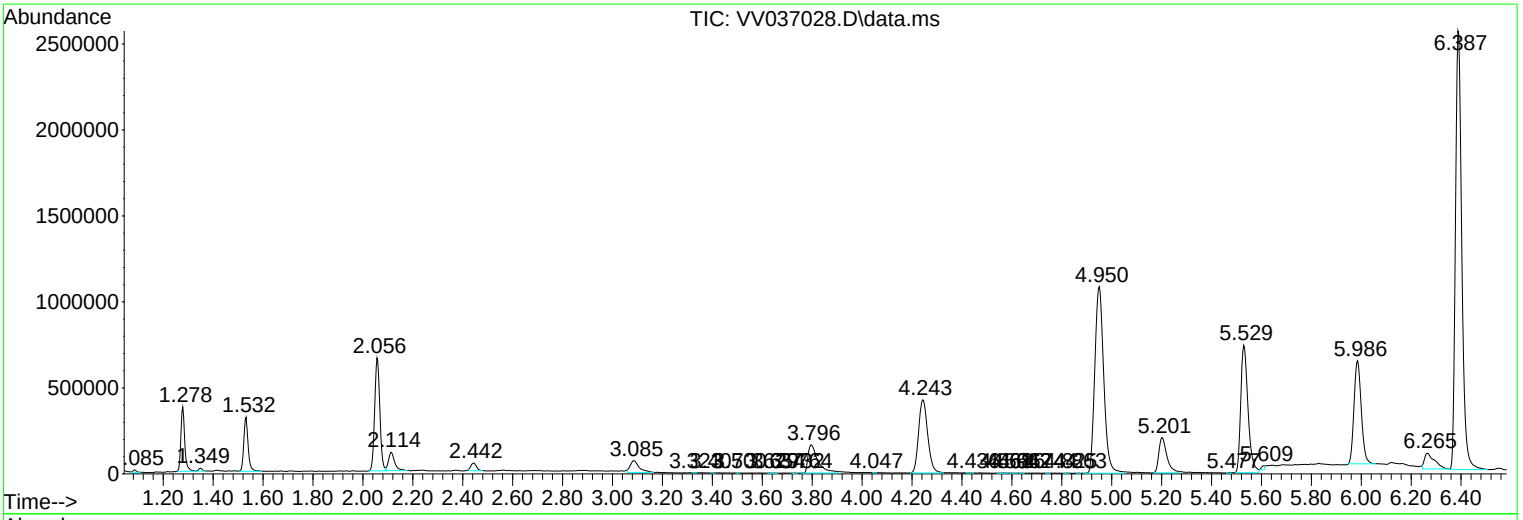
Sum of corrected areas: 37640755

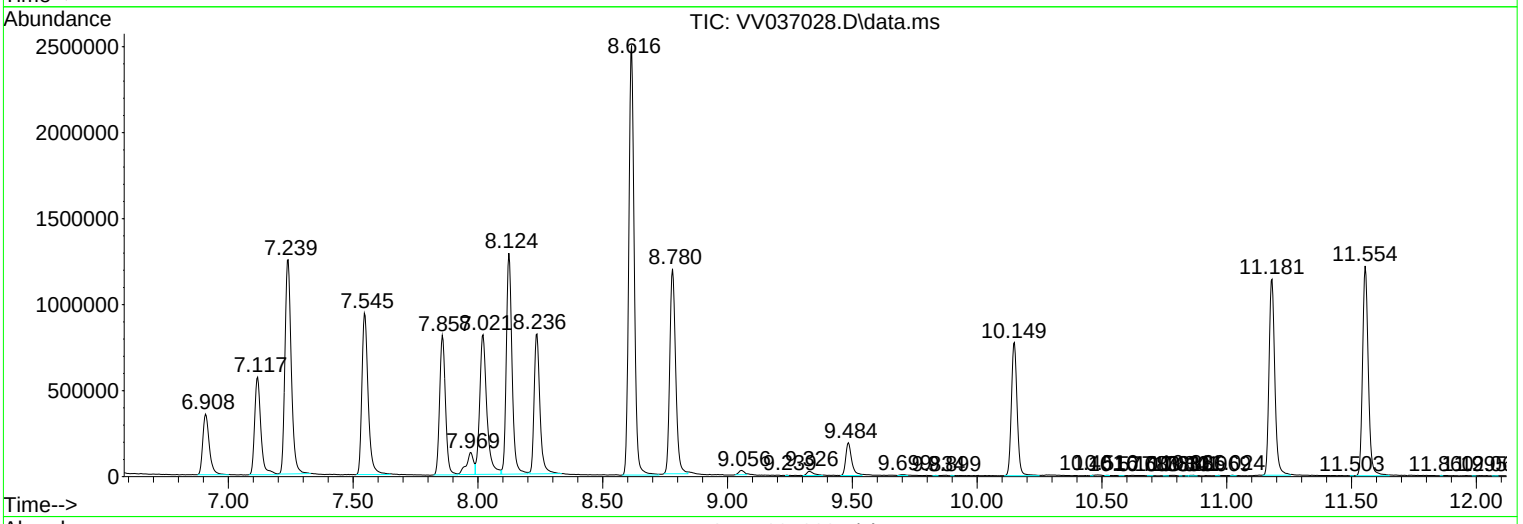
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037028.D
Acq On : 26 Aug 2024 15:33
Operator : SY/MD
Sample : PB162923ZHE#14
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

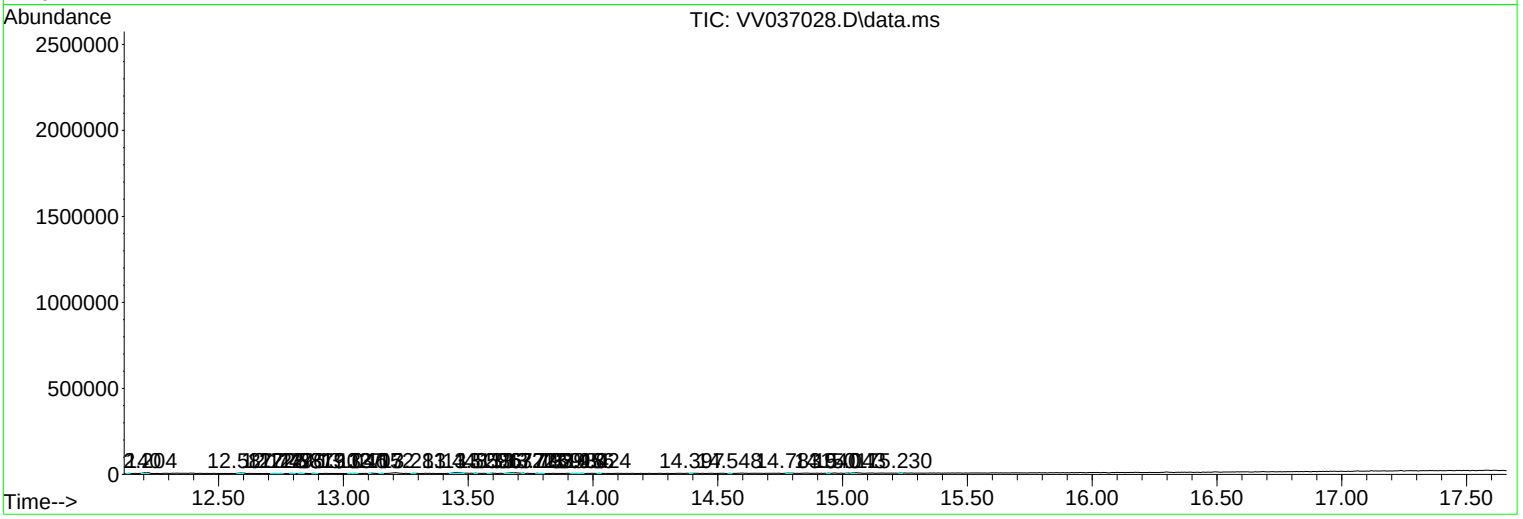
Instrument :
MSVOA_V
ClientSampleId :
PB162923ZHE#14

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037028.D
Acq On : 26 Aug 2024 15:33
Operator : SY/MD
Sample : PB162923ZHE#14
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB162923ZHE#14

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

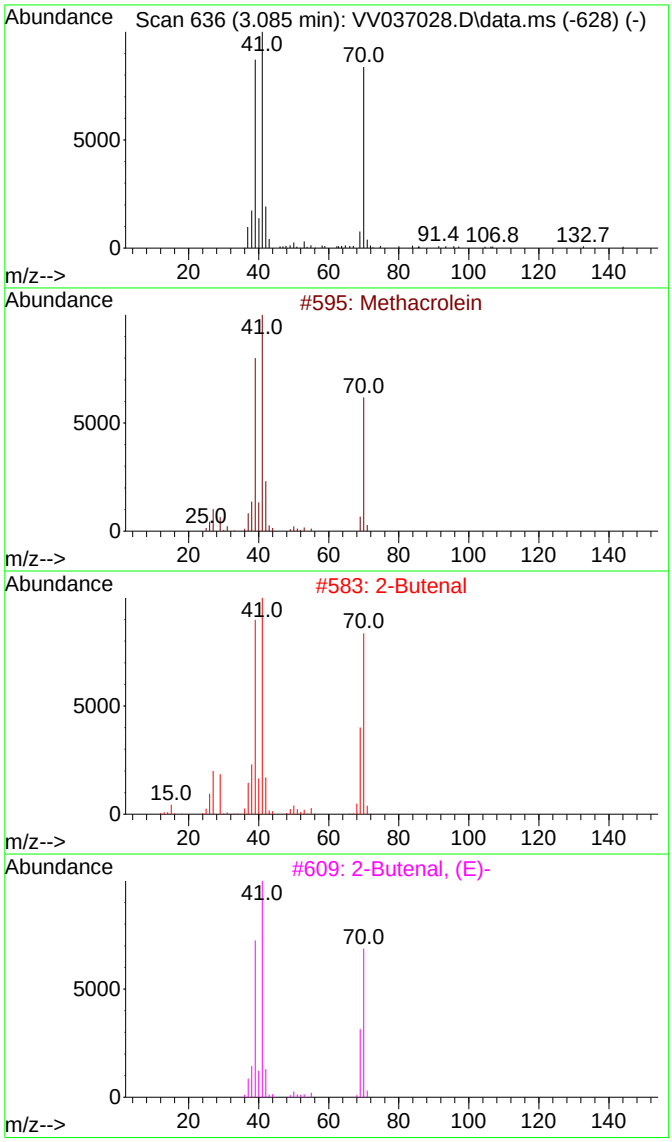
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

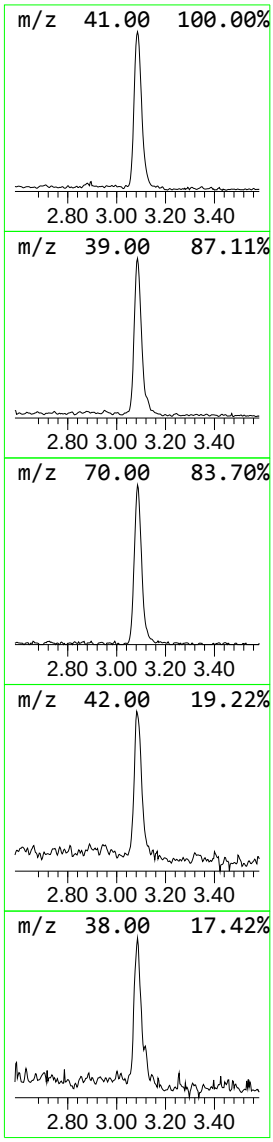
****

Peak Number 2 Methacrolein Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.085	5.73 ug/L	170575	1,4-Difluorobenzene	5.529

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037028.D
Acq On : 26 Aug 2024 15:33
Operator : SY/MD
Sample : PB162923ZHE#14
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB162923ZHE#14

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

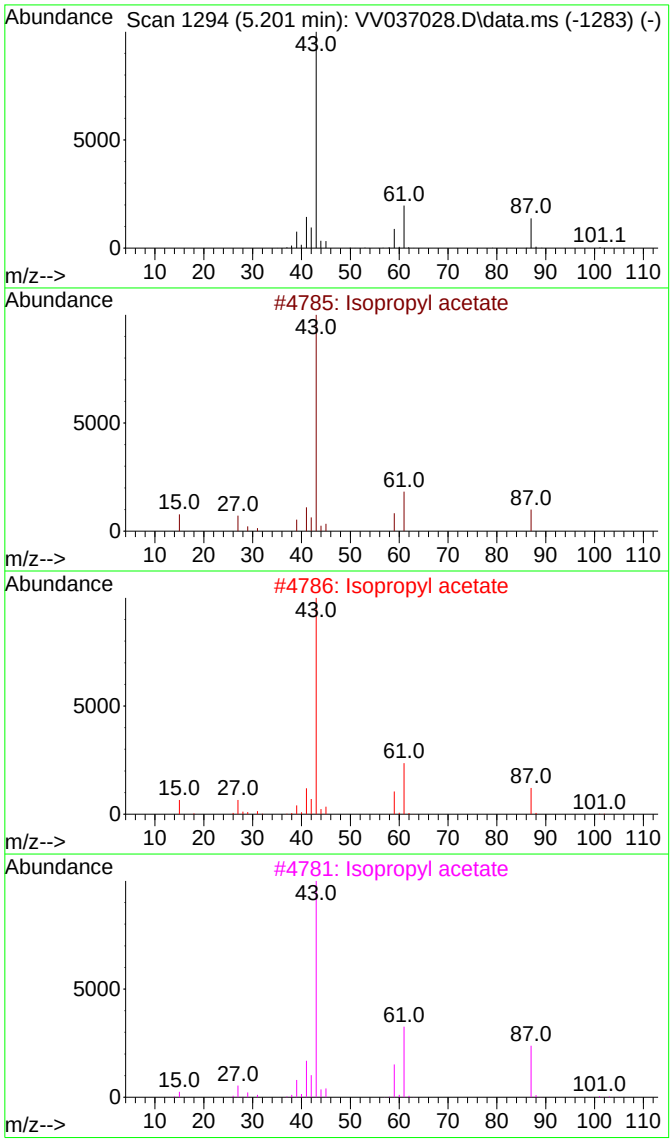
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

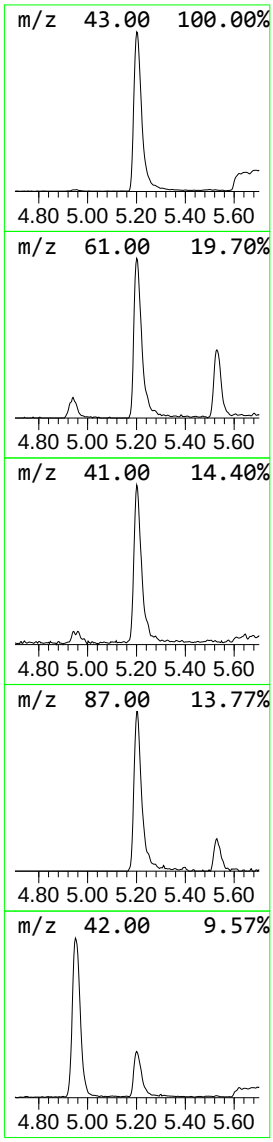
****

Peak Number 3 Isopropyl acetate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.201	15.35 ug/L	457277	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl acetate	102	C5H10O2	000108-21-4	72
2	Isopropyl acetate	102	C5H10O2	000108-21-4	64
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\VV082624\
Data File : VV037028.D
Acq On : 26 Aug 2024 15:33
Operator : SY/MD
Sample : PB162923ZHE#14
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB162923ZHE#14

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

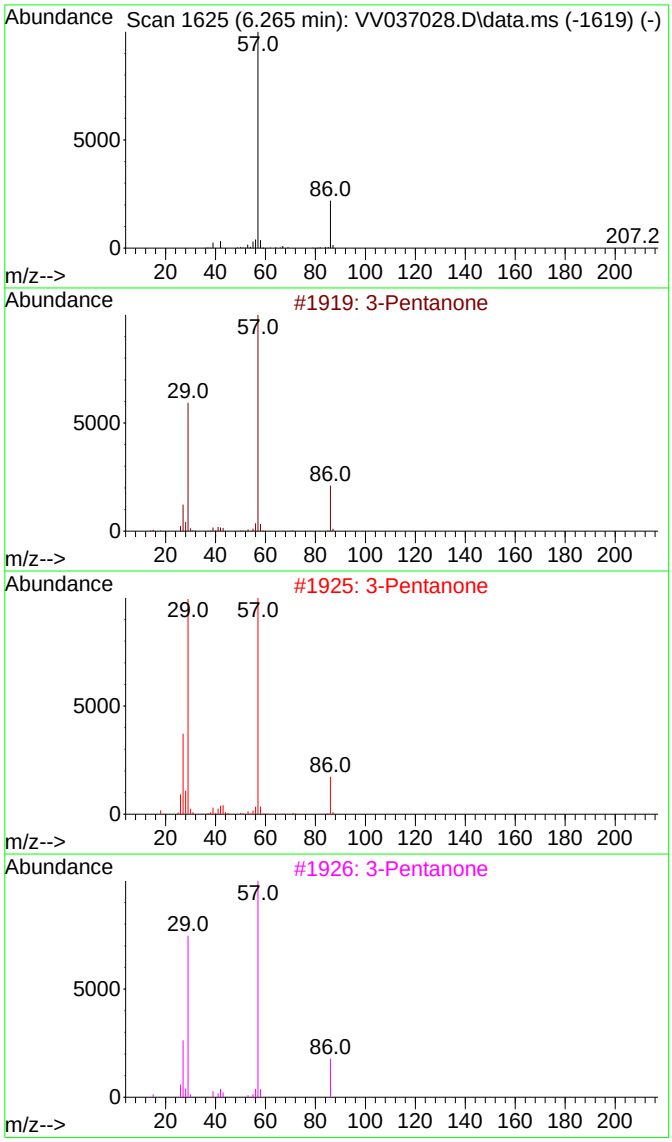
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

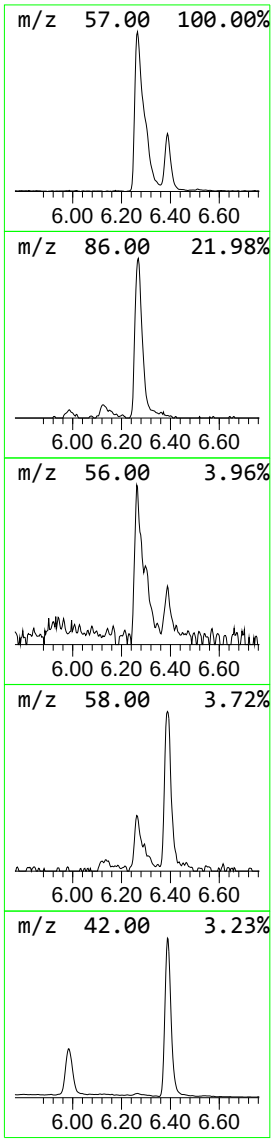
****

Peak Number 4 3-Pentanone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.265	8.53 ug/L	254155	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	72
3	3-Pentanone	86	C5H10O	000096-22-0	72
4	3-Pentanone	86	C5H10O	000096-22-0	59
5	Neopentane	72	C5H12	000463-82-1	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037028.D
Acq On : 26 Aug 2024 15:33
Operator : SY/MD
Sample : PB162923ZHE#14
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB162923ZHE#14

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

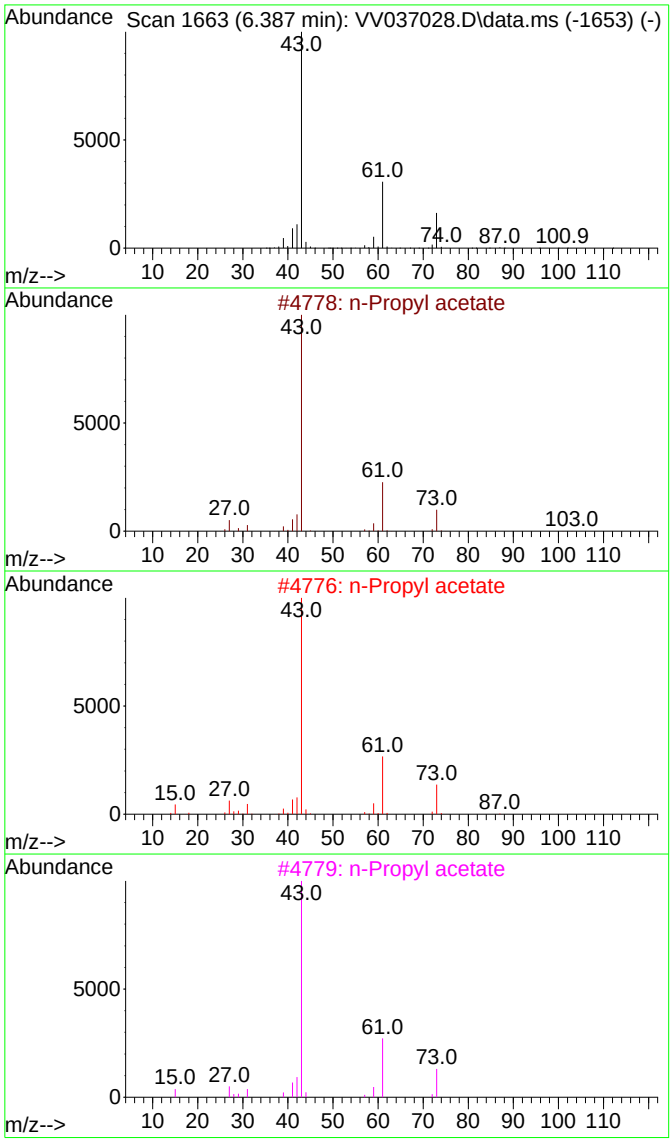
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

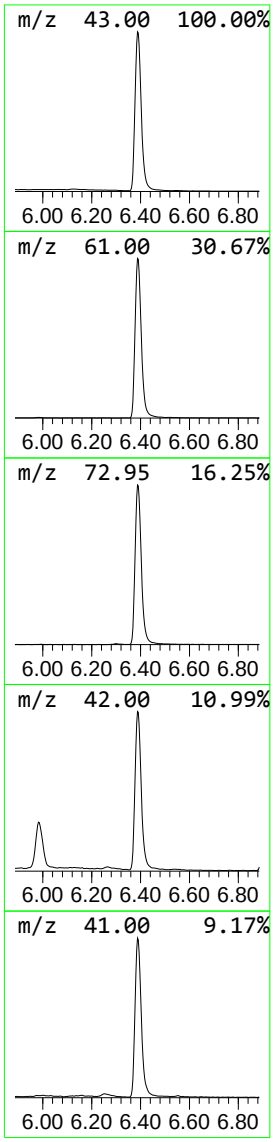
****

Peak Number 5 n-Propyl acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.387	151.45 ug/L	4510850	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\VV082624\
Data File : VV037028.D
Acq On : 26 Aug 2024 15:33
Operator : SY/MD
Sample : PB162923ZHE#14
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB162923ZHE#14

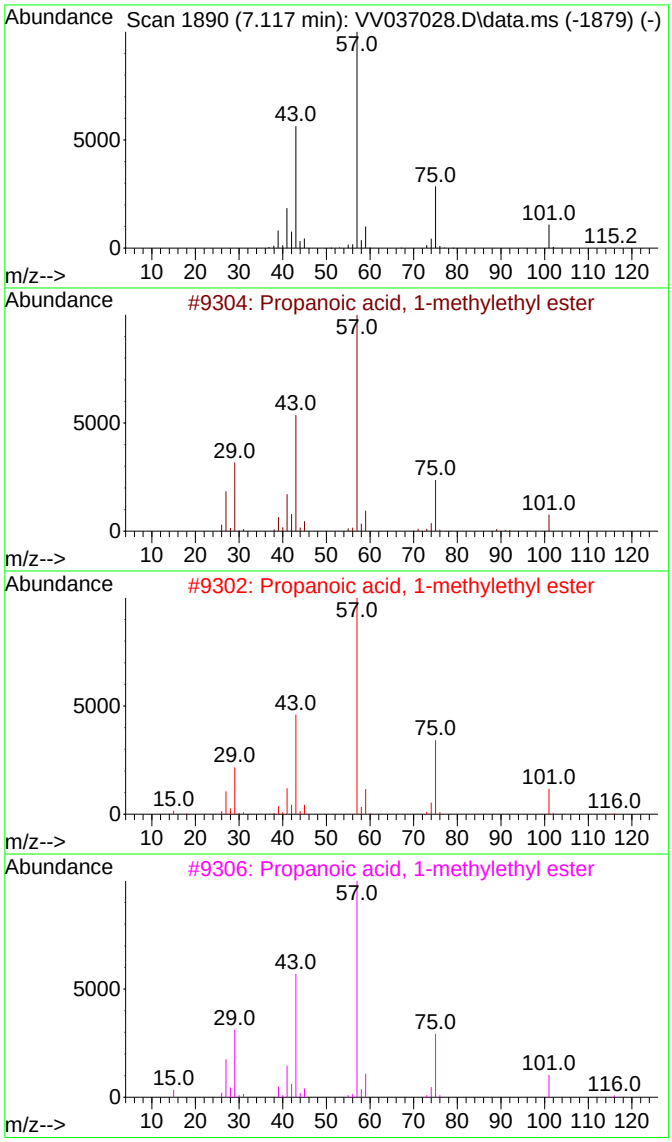
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

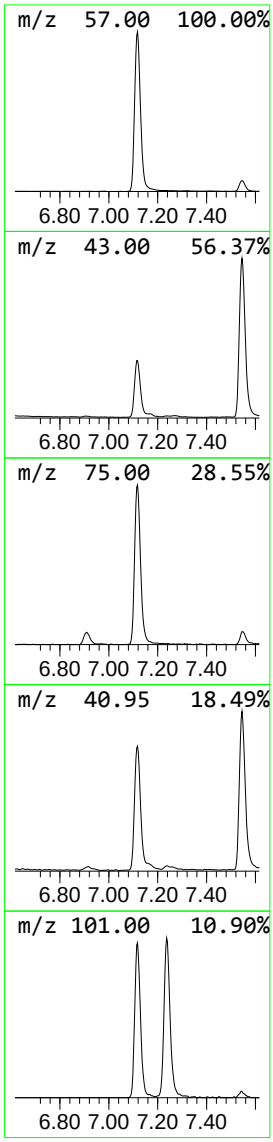
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Propanoic acid, 1-methyleth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.117	33.19 ug/L	988520	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	90
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\VV082624\
Data File : VV037028.D
Acq On : 26 Aug 2024 15:33
Operator : SY/MD
Sample : PB162923ZHE#14
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB162923ZHE#14

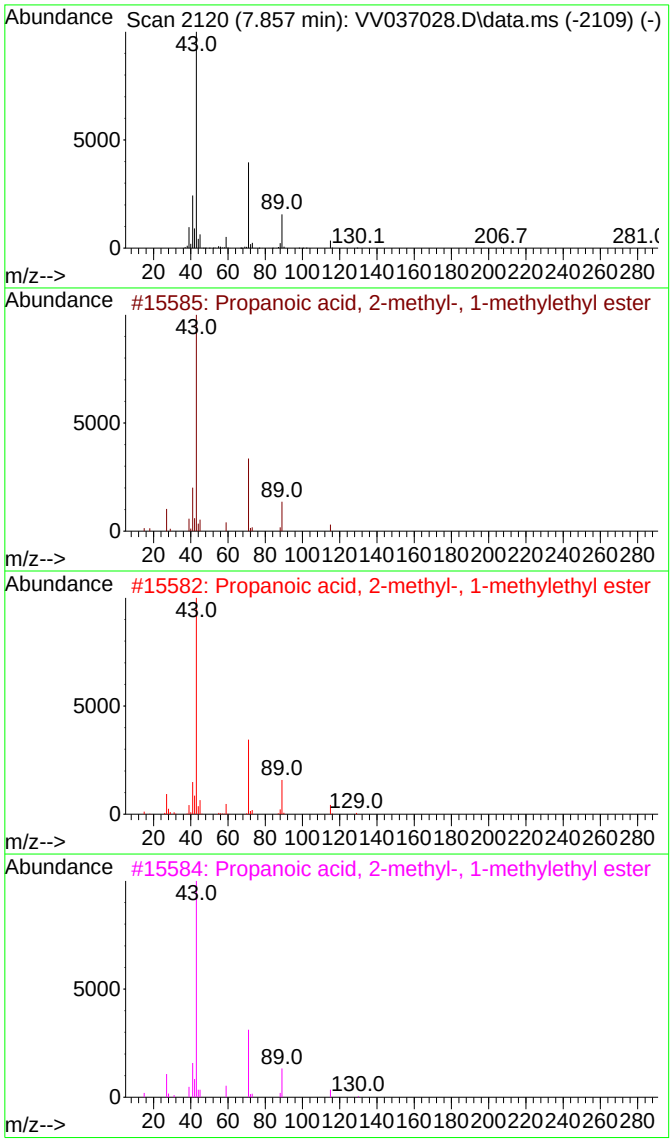
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

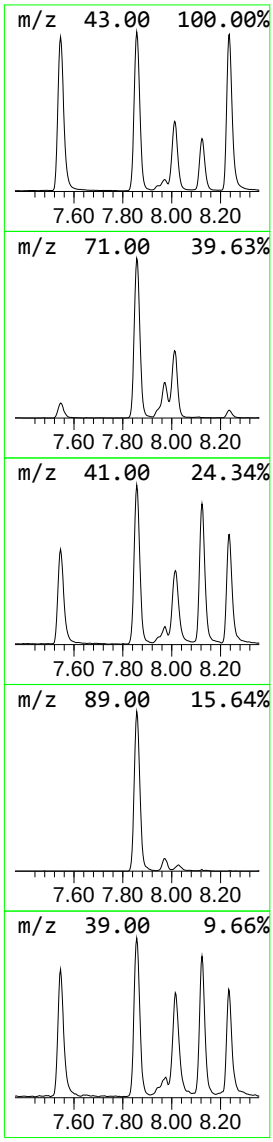
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.857	33.83 ug/L	1320080	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	78
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	78
5	Isopropyl butyrate	130	C7H14O2	000638-11-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037028.D
Acq On : 26 Aug 2024 15:33
Operator : SY/MD
Sample : PB162923ZHE#14
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB162923ZHE#14

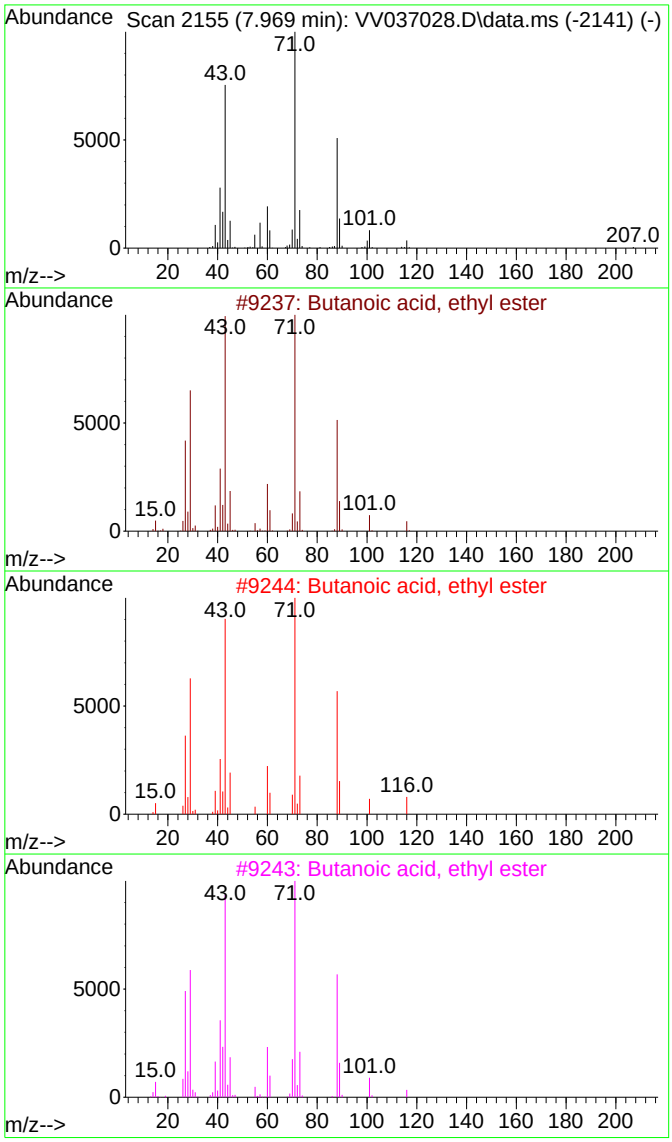
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

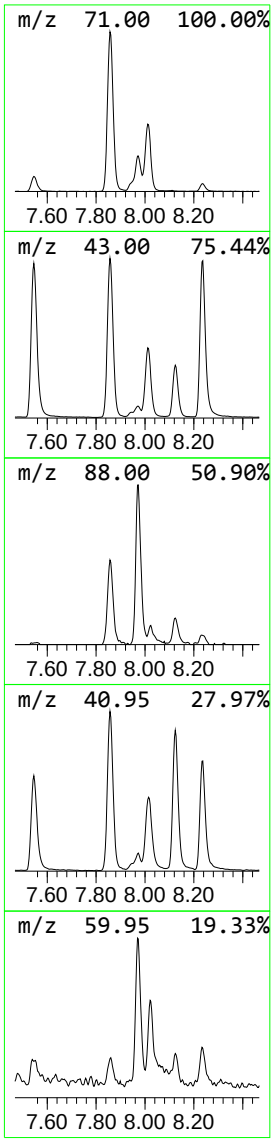
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.969	6.61 ug/L	258062	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	90
3	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	90
4	Propanoic acid, 2-methyl-, ethyl...	116	C6H12O2	000097-62-1	62
5	Propanoic acid, 2-methyl-, ethyl...	116	C6H12O2	000097-62-1	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037028.D
Acq On : 26 Aug 2024 15:33
Operator : SY/MD
Sample : PB162923ZHE#14
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB162923ZHE#14

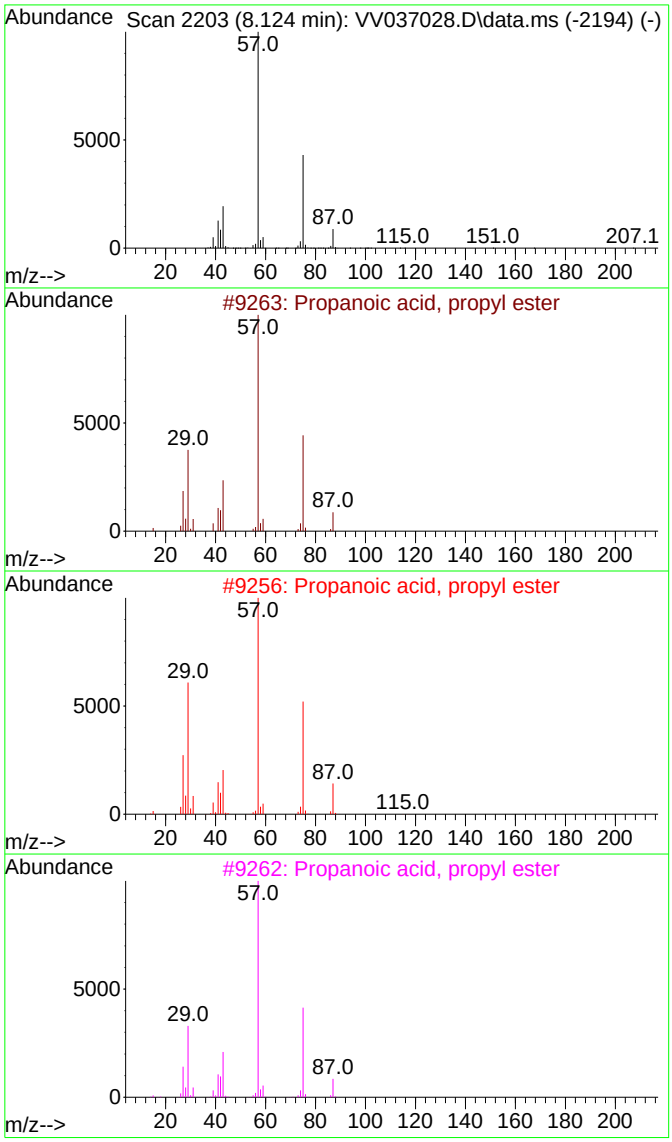
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

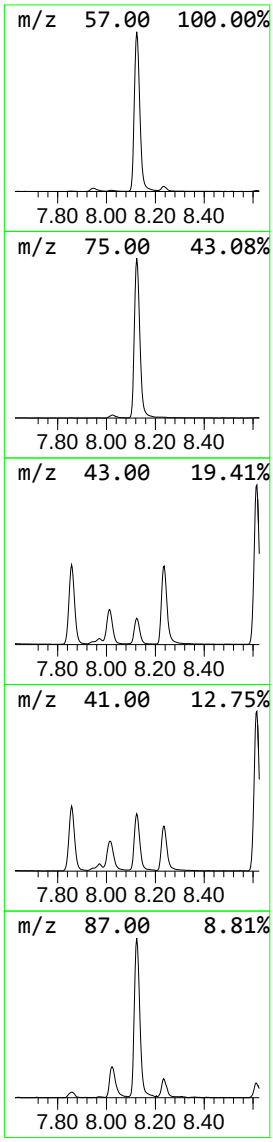
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.124	52.10 ug/L	2033120	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\VV082624\
Data File : VV037028.D
Acq On : 26 Aug 2024 15:33
Operator : SY/MD
Sample : PB162923ZHE#14
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB162923ZHE#14

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

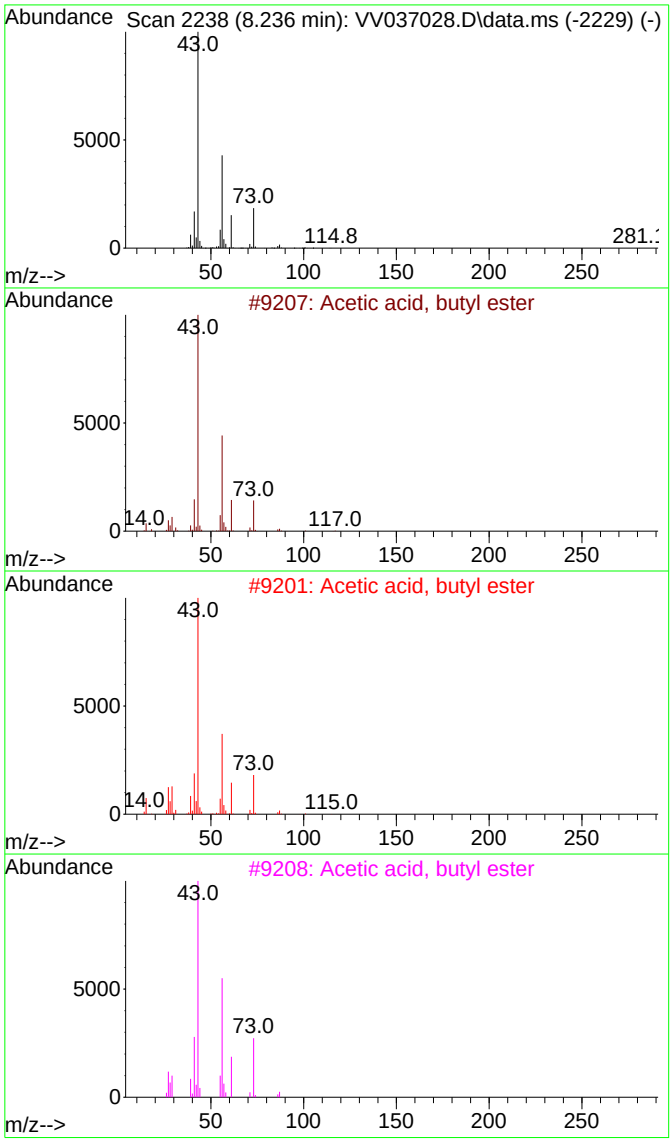
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

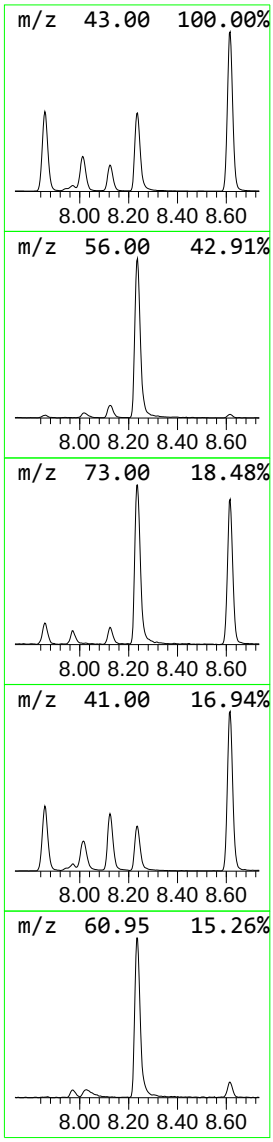
****

Peak Number 11 Acetic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.236	33.71 ug/L	1315670	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	83
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\VV082624\
Data File : VV037028.D
Acq On : 26 Aug 2024 15:33
Operator : SY/MD
Sample : PB162923ZHE#14
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB162923ZHE#14

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

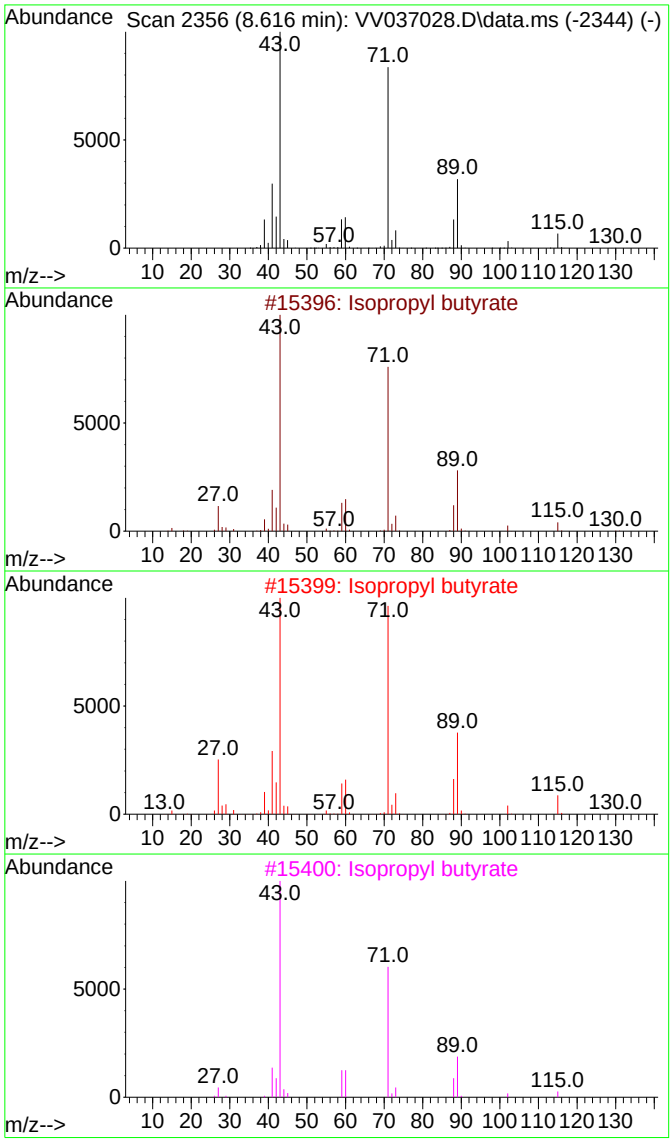
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

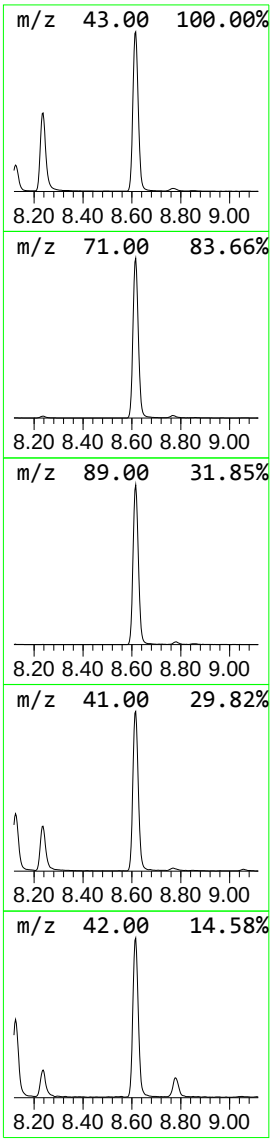
****

Peak Number 12 Isopropyl butyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.616	98.52 ug/L	3844980	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	Ethylene glycol Formate Isobutyrate	160	C7H12O4	1000458-48-0	64
5	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037028.D
Acq On : 26 Aug 2024 15:33
Operator : SY/MD
Sample : PB162923ZHE#14
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB162923ZHE#14

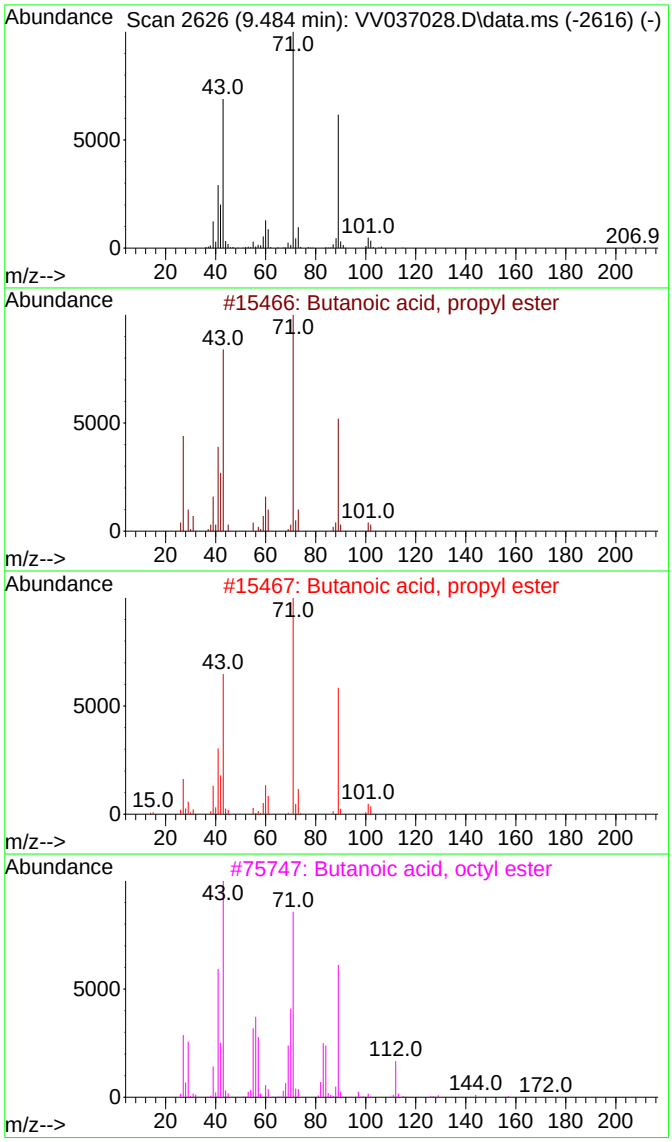
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

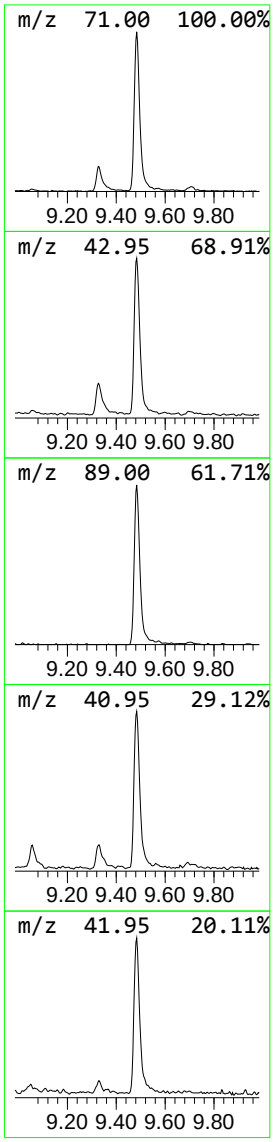
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Butanoic acid, propyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.484	8.07 ug/L	315018	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, octyl ester	200	C12H24O2	000110-39-4	78
4	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	78
5	Butanoic acid, heptyl ester	186	C11H22O2	005870-93-9	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037028.D
Acq On : 26 Aug 2024 15:33
Operator : SY/MD
Sample : PB162923ZHE#14
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB162923ZHE#14

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.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	3.085	5.7	ug/L	170575	1	5.529	1489230	50.0
Isopropyl acetate	5.201	15.4	ug/L	457277	1	5.529	1489230	50.0
3-Pentanone	6.265	8.5	ug/L	254155	1	5.529	1489230	50.0
n-Propyl acetate	6.387	151.4	ug/L	4510850	1	5.529	1489230	50.0
Propanoic acid,...	7.117	33.2	ug/L	988520	1	5.529	1489230	50.0
Propanoic acid,...	7.857	33.8	ug/L	1320080	2	8.780	1951330	50.0
Butanoic acid, ...	7.969	6.6	ug/L	258062	2	8.780	1951330	50.0
Propanoic acid,...	8.124	52.1	ug/L	2033120	2	8.780	1951330	50.0
Acetic acid, bu...	8.236	33.7	ug/L	1315670	2	8.780	1951330	50.0
Isopropyl butyrate	8.616	98.5	ug/L	3844980	2	8.780	1951330	50.0
Butanoic acid, ...	9.484	8.1	ug/L	315018	2	8.780	1951330	50.0