LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090823\
Data File : VV031978.D
Acq On : 08 Sep 2023 12:18
Operator : SY/MD
Sample : 04277-02 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : JYCA1

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\SFAMVLM082323WMA.M
Title : VOC Analysis

Signal : TIC: VV031978.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.278	67	74	88	rBV	163897	176159	13.72%	1.702%
2	1.529	145	152	167	rVB	133051	159041	12.39%	1.536%
3	2.060	307	317	329	rBV	266411	389201	30.32%	3.760%
4	2.407	423	425	428	rBV3	497	317	0.02%	0.003%
5	2.449	428	438	453	rVV	14307	24939	1.94%	0.241%
6	2.561	465	473	478	rBV6	1509	2296	0.18%	0.022%
7	2.770	532	538	541	rBV2	658	626	0.05%	0.006%
8	3.114	640	645	646	rBV2	607	460	0.04%	0.004%
9	3.224	676	679	687	rVB5	552	599	0.05%	0.006%
10	3.368	720	724	728	rVB4	491	399	0.03%	0.004%
11	3.445	745	748	756	rVB3	509	484	0.04%	0.005%
12	3.487	756	761	766	rBV3	435	352	0.03%	0.003%
13	3.513	766	769	773	rBV3	302	320	0.02%	0.003%
14	3.568	782	786	789	rBV3	502	394	0.03%	0.004%
15	3.677	817	820	823	rBV3	417	289	0.02%	0.003%
16	3.699	823	827	831	rVB4	453	370	0.03%	0.004%
17	3.789	845	855	893	rBV	109641	306638	23.89%	2.962%
18	4.252	983	999	1026	rBV	190405	487350	37.96%	4.708%
19	4.725	1142	1146	1152	rBV6	604	627	0.05%	0.006%
20	4.828	1175	1178	1183	rVB4	497	363	0.03%	0.004%
21	4.857	1185	1187	1192	rVB4	702	592	0.05%	0.006%
22	4.886	1192	1196	1197	rBV	527	377	0.03%	0.004%
23	4.960	1202	1219	1245	rBV2	488941	1283709	100.00%	12.402%
24	5.217	1289	1299	1313	rBV2	8216	19111	1.49%	0.185%
25	5.336	1333	1336	1340	rVB5	708	405	0.03%	0.004%
26	5.455	1371	1373	1377	rBV4	707	574	0.04%	0.006%
27	5.539	1386	1399	1423	rBV	335817	690572	53.80%	6.672%
28	5.831	1479	1490	1504	rBV6	12578	26184	2.04%	0.253%
29	5.992	1522	1540	1561	rBV	278824	585007	45.57%	5.652%
30	6.256	1617	1622	1625	rBV3	928	826	0.06%	0.008%
31	6.288	1625	1632	1634	rBV5	3212	3282	0.26%	0.032%
32	6.400	1657	1667	1698	rBV	103487	208092	16.21%	2.010%
33	6.728	1767	1769	1774	rVB4	491	400	0.03%	0.004%
34	6.754	1774	1777	1780	rVB2	452	369	0.03%	0.004%
35	6.918	1816	1828	1859	rVV	167457	324775	25.30%	3.138%
36	7.082	1877	1879	1883	rBV3	496	415	0.03%	0.004%

LSC Area Percent Report

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Operator : SY/MD
Sample : 04277-02 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JYCA1

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\SFAMVLM082323WMA.M
Title : VOC Analysis

37	7.127	1883	1893	1903	rBV	26105	45765	3.57%	0.442%
38	7.246	1919	1930	1967	rBV	597656	1057378	82.37%	10.215%
39	7.510	2010	2012	2015	rVB3	644	425	0.03%	0.004%
40	7.558	2015	2027	2051	rBV	137383	252709	19.69%	2.441%
41	7.866	2112	2123	2146	rVB	34611	60426	4.71%	0.584%
42	7.982	2146	2159	2163	rBV5	6921	11757	0.92%	0.114%
43	8.027	2164	2173	2199	rVV	348387	641693	49.99%	6.199%
44	8.137	2200	2207	2234	rVB	45121	86656	6.75%	0.837%
45	8.252	2235	2243	2264	rVV	18274	33826	2.64%	0.327%
46	8.365	2273	2278	2291	rVB8	3532	6141	0.48%	0.059%
47	8.625	2347	2359	2382	rBV	80677	133674	10.41%	1.291%
48	8.789	2398	2410	2438	rBV	511307	863201	67.24%	8.339%
49	9.050	2487	2491	2492	rBV2	522	394	0.03%	0.004%
50	9.288	2563	2565	2568	rVB3	532	296	0.02%	0.003%
51	9.317	2568	2574	2575	rBV4	555	467	0.04%	0.005%
52	9.349	2579	2584	2587	rBV4	586	564	0.04%	0.005%
53	9.503	2622	2632	2642	rBV9	2336	4789	0.37%	0.046%
54	9.645	2674	2676	2679	rBV3	447	306	0.02%	0.003%
55	9.944	2761	2769	2773	rBV4	562	673	0.05%	0.007%
56	10.156	2824	2835	2857	rBV	374993	591607	46.09%	5.715%
57	10.294	2876	2878	2882	rVB4	533	341	0.03%	0.003%
58	10.333	2888	2890	2893	rVV3	524	366	0.03%	0.004%
59	10.429	2915	2920	2922	rVV5	520	379	0.03%	0.004%
60	10.461	2925	2930	2932	rBV3	635	572	0.04%	0.006%
61	10.529	2946	2951	2955	rBV5	613	531	0.04%	0.005%
62	10.751	3016	3020	3023	rBV3	581	419	0.03%	0.004%
63	10.866	3053	3056	3059	rVB3	743	380	0.03%	0.004%
64	10.982	3091	3092	3096	rVB	501	289	0.02%	0.003%
65	11.188	3145	3156	3179	rBV	582851	894401	69.67%	8.641%
66	11.435	3228	3233	3238	rBV4	540	623	0.05%	0.006%
67	11.471	3238	3244	3247	rBV4	1105	1089	0.08%	0.011%
68	11.513	3254	3257	3260	rBV4	779	626	0.05%	0.006%
69	11.564	3261	3273	3293	rVV	599313	943477	73.50%	9.115%
70	11.767	3334	3336	3344	rVB5	623	567	0.04%	0.005%
71	11.882	3369	3372	3375	rVB3	365	289	0.02%	0.003%
72	11.937	3386	3389	3392	rVB4	456	353	0.03%	0.003%
73	12.062	3424	3428	3433	rVB5	499	582	0.05%	0.006%
74	12.140	3447	3452	3457	rVB4	362	427	0.03%	0.004%
75	12.201	3467	3471	3472	rBV2	564	341	0.03%	0.003%
76	12.294	3494	3500	3501	rBV3	564	393	0.03%	0.004%

LSC Area Percent Report

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Operator : SY/MD
Sample : 04277-02 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JYCA1

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\SFAMVLM082323WMA.M
Title : VOC Analysis

77	12.358	3517	3520	3523	rBV2	743	374	0.03%	0.004%
78	12.378	3523	3526	3532	rVB6	566	483	0.04%	0.005%
79	12.461	3549	3552	3555	rBV3	541	404	0.03%	0.004%
80	12.587	3586	3591	3595	rBB6	582	482	0.04%	0.005%
81	12.635	3604	3606	3611	rVB4	743	489	0.04%	0.005%
82	12.683	3618	3621	3624	rBV3	535	375	0.03%	0.004%
83	12.754	3640	3643	3644	rBV	575	326	0.03%	0.003%
84	12.767	3644	3647	3651	rVB4	788	470	0.04%	0.005%
85	12.818	3659	3663	3664	rBV2	642	491	0.04%	0.005%
86	13.091	3744	3748	3749	rVV2	612	370	0.03%	0.004%
87	13.210	3783	3785	3789	rBV3	740	426	0.03%	0.004%
88	13.281	3805	3807	3811	rBV2	539	420	0.03%	0.004%
89	13.451	3855	3860	3872	rVB4	2820	3899	0.30%	0.038%
90	13.532	3883	3885	3890	rBV2	458	407	0.03%	0.004%
91	13.686	3929	3933	3938	rBV6	1226	1314	0.10%	0.013%
92	13.747	3949	3952	3957	rVB4	736	569	0.04%	0.005%
93	13.776	3957	3961	3963	rBV3	702	512	0.04%	0.005%
94	14.197	4089	4092	4094	rBV3	593	334	0.03%	0.003%
95	14.242	4103	4106	4108	rBV3	578	484	0.04%	0.005%
96	14.400	4153	4155	4157	rBV2	614	330	0.03%	0.003%
97	14.480	4178	4180	4184	rBV4	578	337	0.03%	0.003%
98	14.763	4263	4268	4273	rBV4	1531	1764	0.14%	0.017%
99	14.921	4315	4317	4321	rVB4	735	435	0.03%	0.004%
100	15.258	4420	4422	4424	rBV2	790	425	0.03%	0.004%

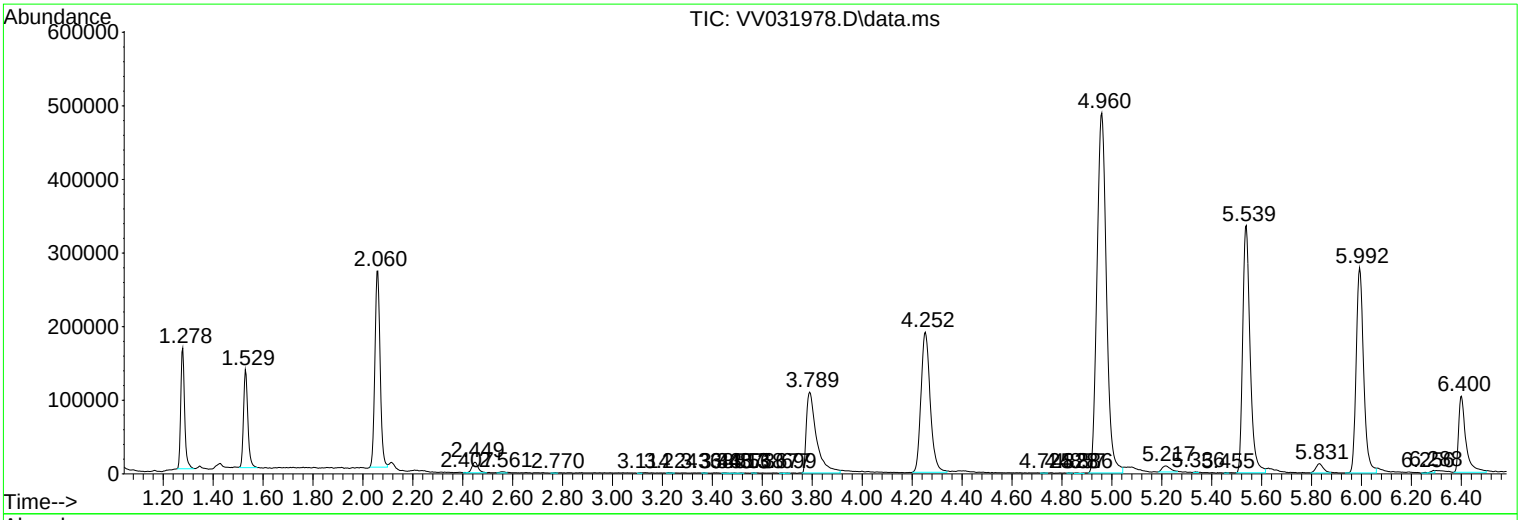
Sum of corrected areas: 10351026

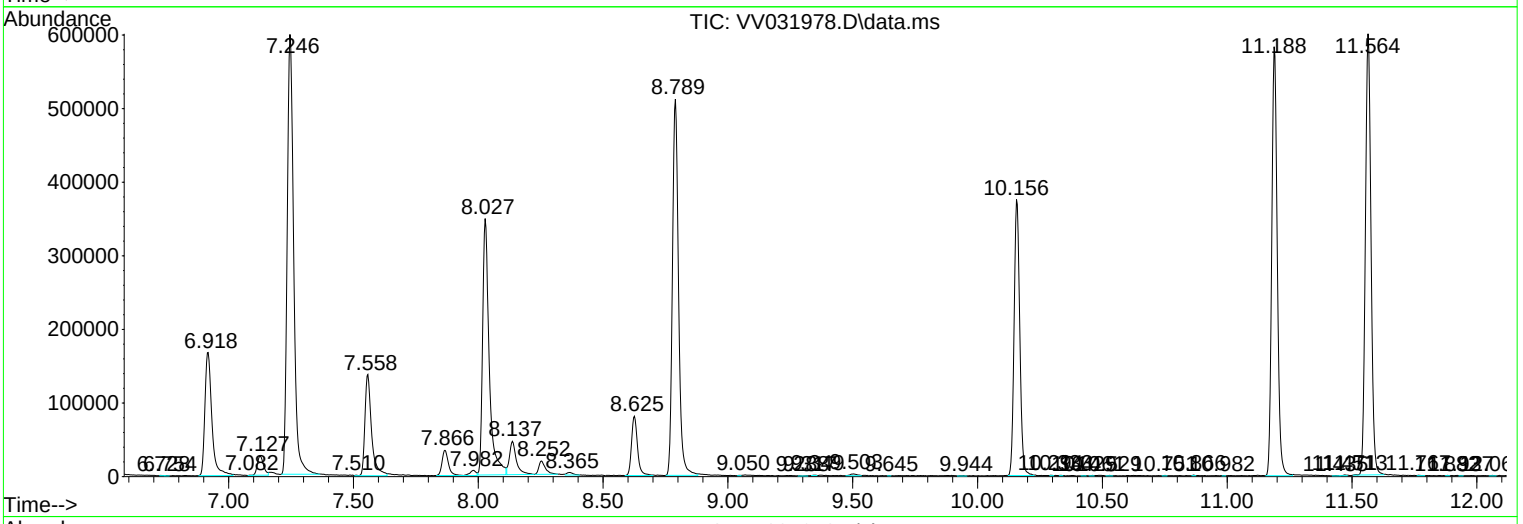
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090823\
Data File : VV031978.D
Acq On : 08 Sep 2023 12:18
Operator : SY/MD
Sample : 04277-02 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

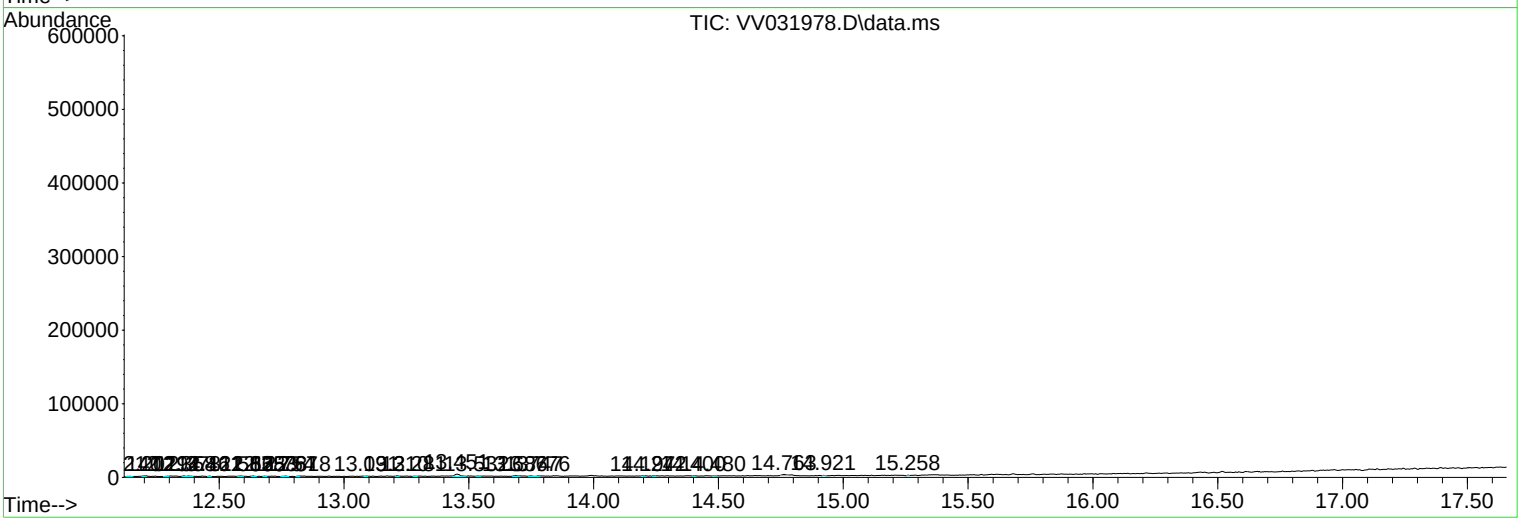
Instrument :
MSVOA_V
ClientSampleId :
JYCA1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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







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Data File : VV031978.D
Acq On : 08 Sep 2023 12:18
Operator : SY/MD
Sample : 04277-02 10X
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JYCA1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

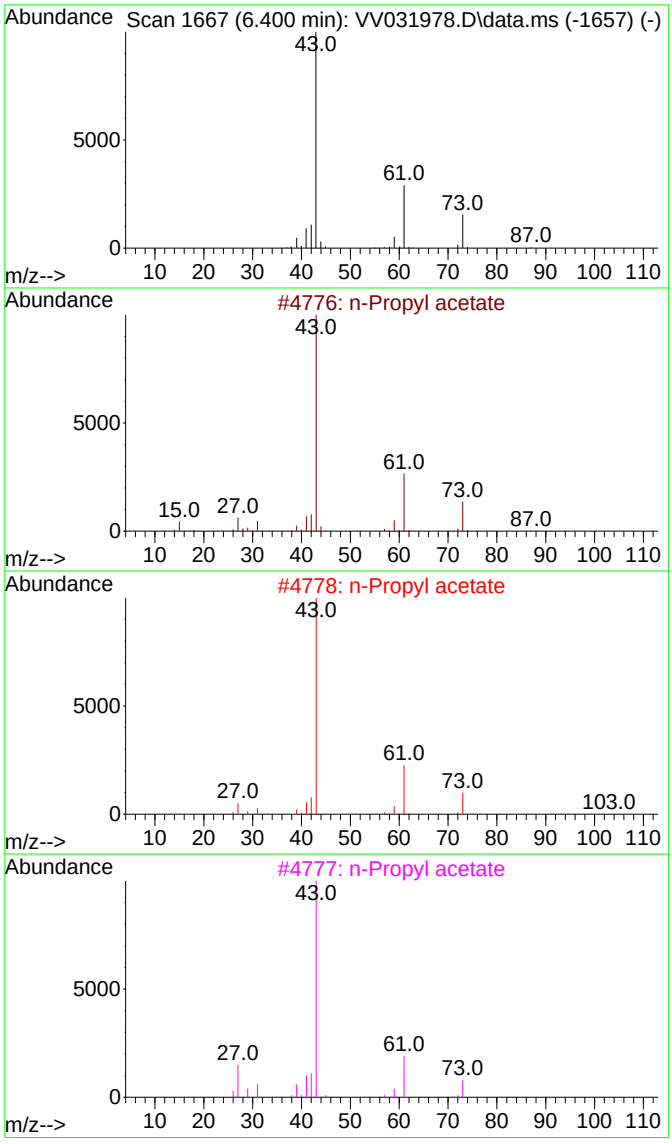
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

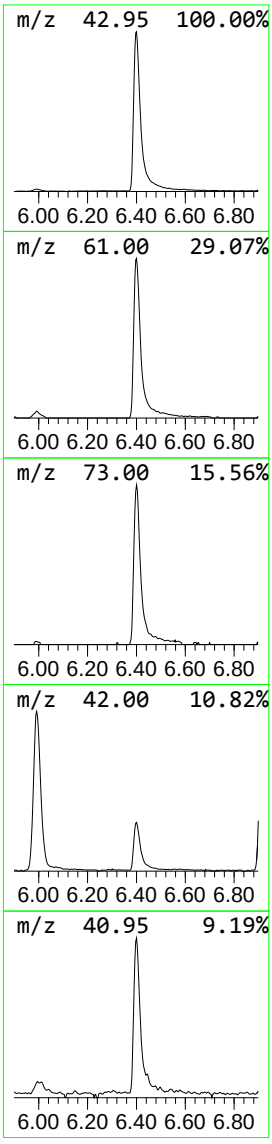
****

Peak Number 1 n-Propyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.400	15.07 ug/L	208092	1,4-Difluorobenzene	5.539

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	78
3	n-Propyl acetate	102	C5H10O2	000109-60-4	72
4	n-Propyl acetate	102	C5H10O2	000109-60-4	72
5	n-Propyl acetate	102	C5H10O2	000109-60-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090823\
Data File : VV031978.D
Acq On : 08 Sep 2023 12:18
Operator : SY/MD
Sample : 04277-02 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JYCA1

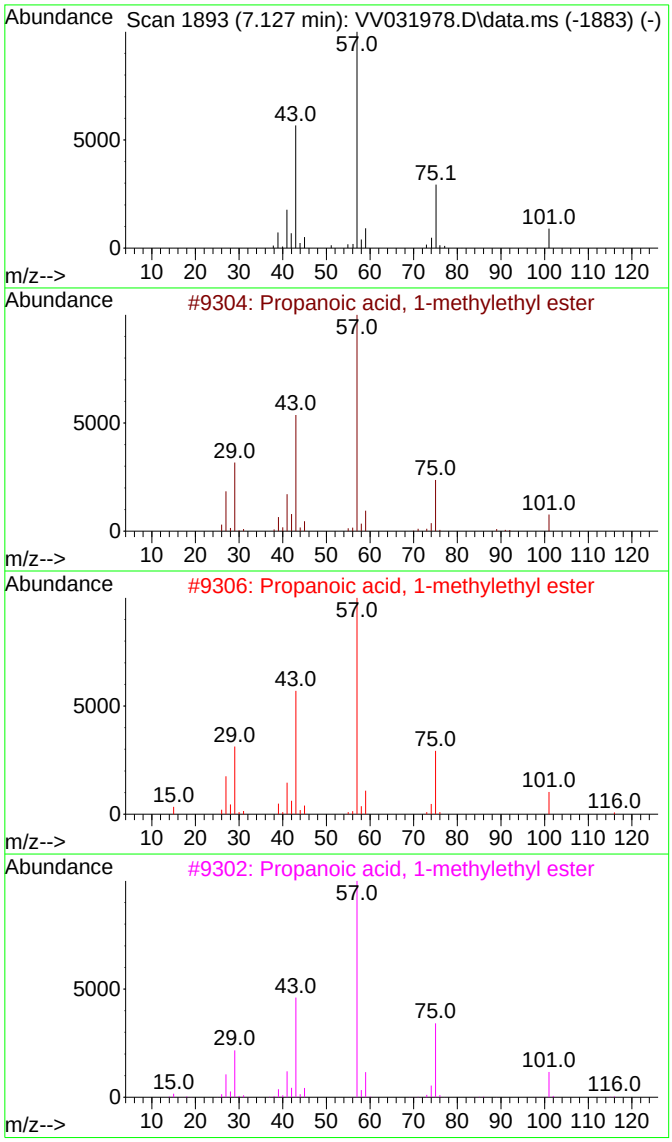
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

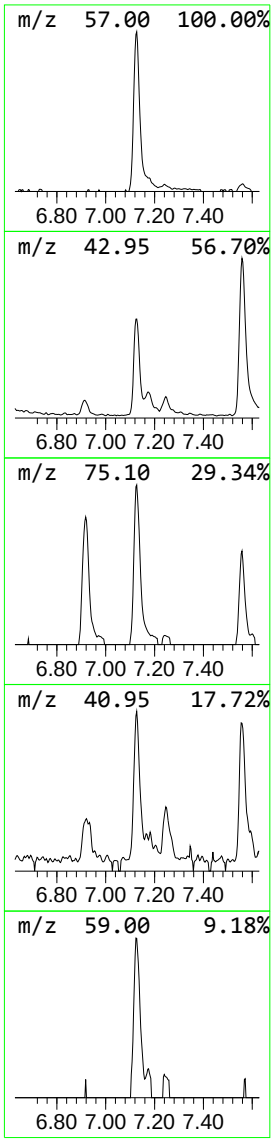
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Propanoic acid, 1-methyleth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.127	3.31 ug/L	45765	1,4-Difluorobenzene	5.539

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, propyl ester	116	C6H12O2	000106-36-5	50





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Misc : 5.0mL/MSVOA_V/WATER
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Instrument :
MSVOA_V
ClientSampleId :
JYCA1

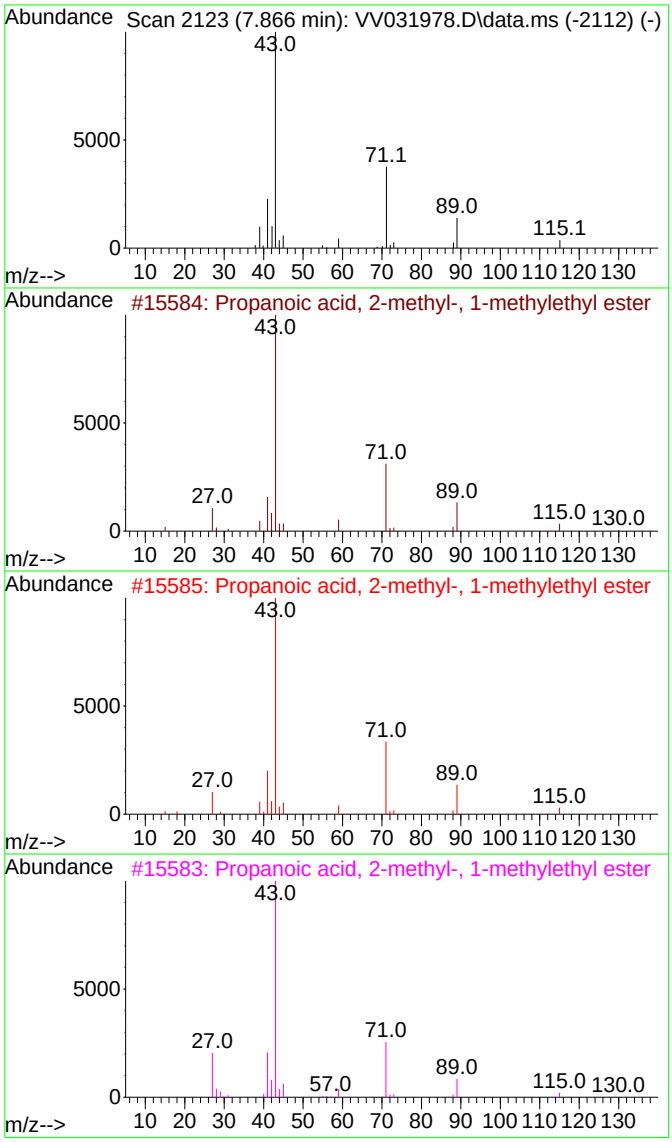
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

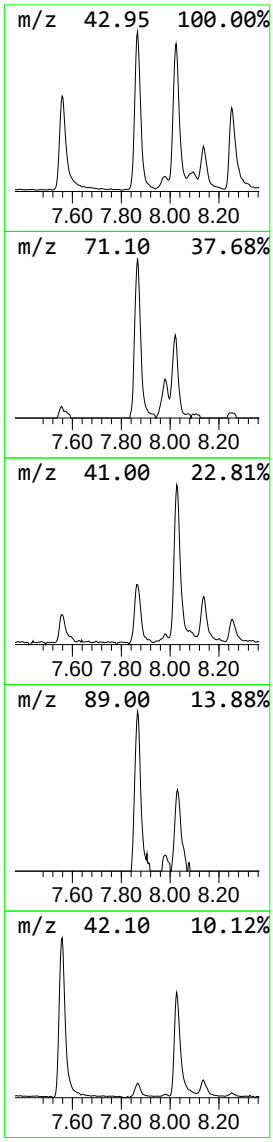
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Propanoic acid, 2-methyl-, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.866	3.50 ug/L	60426	Chlorobenzene-d5	8.789

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	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	72





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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JYCA1

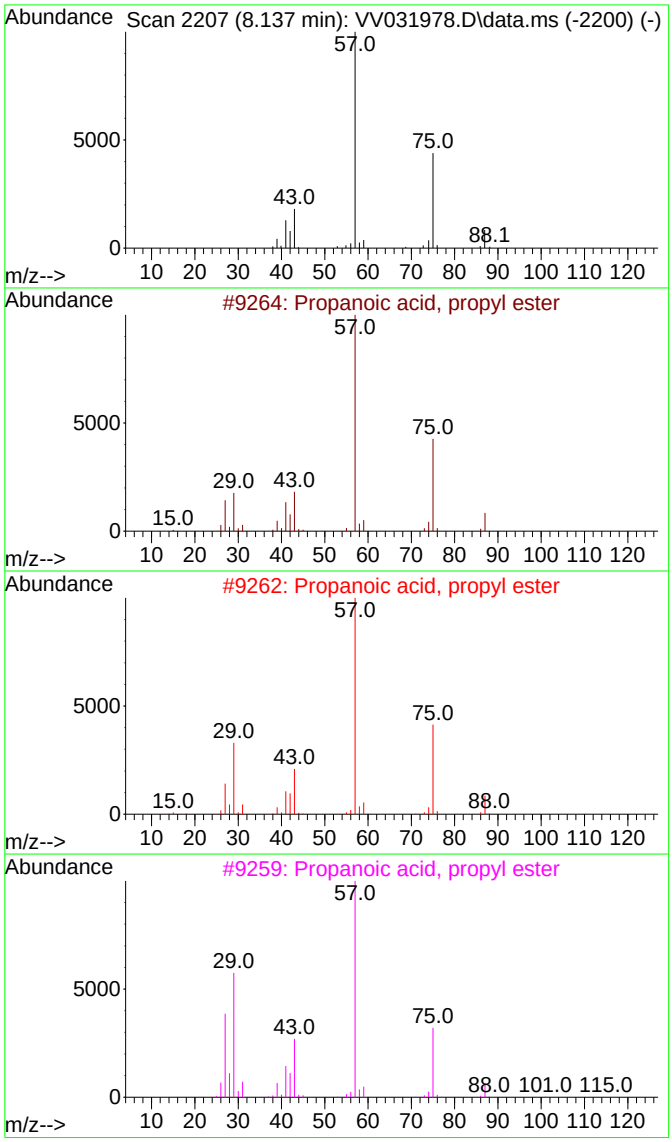
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

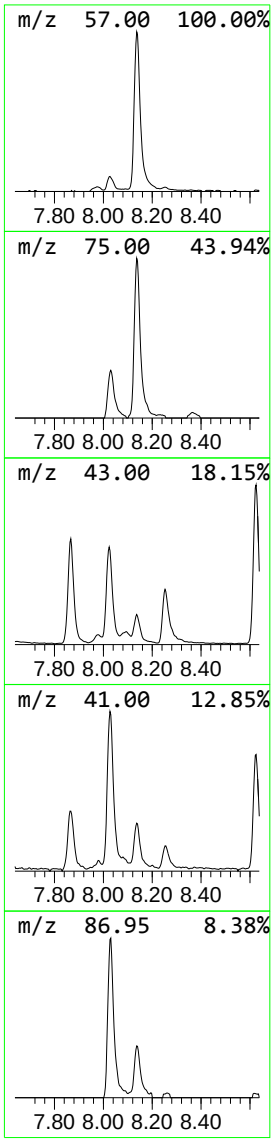
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Propanoic acid, propyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.137	5.02 ug/L	86656	Chlorobenzene-d5	8.789

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	78
5	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090823\
Data File : VV031978.D
Acq On : 08 Sep 2023 12:18
Operator : SY/MD
Sample : 04277-02 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JYCA1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

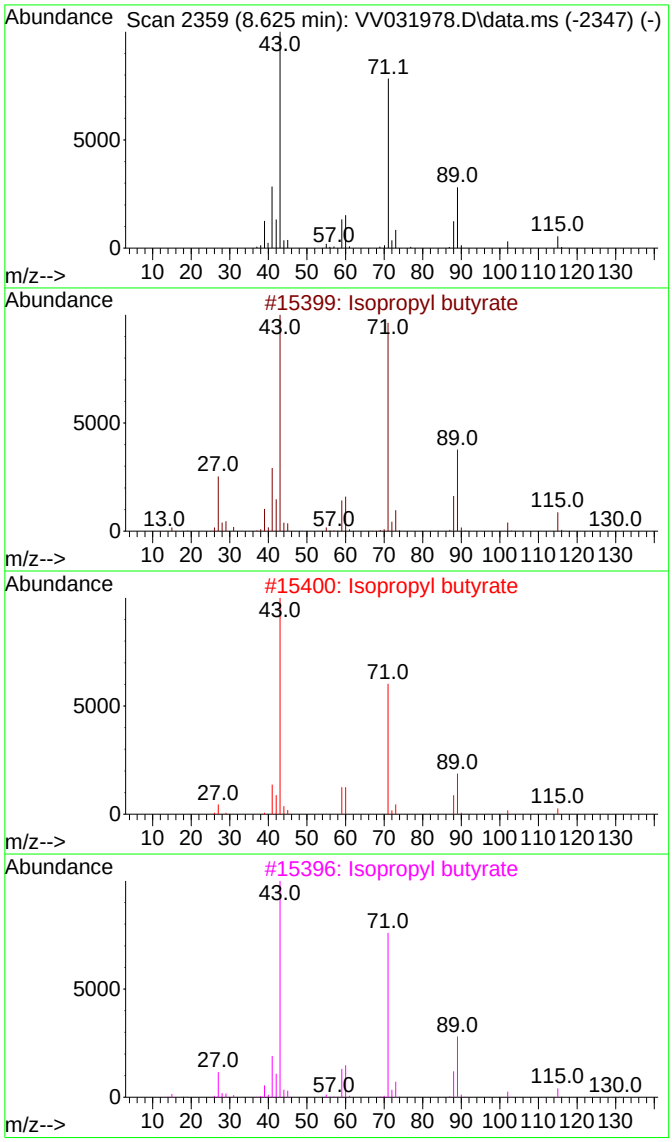
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

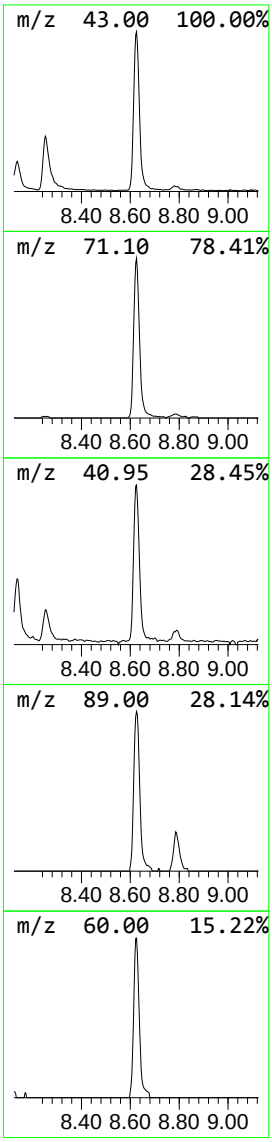
****

Peak Number 6 Isopropyl butyrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.625	7.74 ug/L	133674	Chlorobenzene-d5	8.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl butyrate	130	C7H14O2	000638-11-9	90
2	Isopropyl butyrate	130	C7H14O2	000638-11-9	90
3	Isopropyl butyrate	130	C7H14O2	000638-11-9	90
4	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	72
5	Ethylene glycol Formate Isobutyrate	160	C7H12O4	1000458-48-0	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090823\
Data File : VV031978.D
Acq On : 08 Sep 2023 12:18
Operator : SY/MD
Sample : 04277-02 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JYCA1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Propyl acetate	6.400	15.1	ug/L	208092	1	5.539	690572	50.0
Propanoic acid,...	7.127	3.3	ug/L	45765	1	5.539	690572	50.0
Propanoic acid,...	7.866	3.5	ug/L	60426	2	8.789	863201	50.0
Propanoic acid,...	8.137	5.0	ug/L	86656	2	8.789	863201	50.0
Isopropyl butyrate	8.625	7.7	ug/L	133674	2	8.789	863201	50.0