LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090823\
Data File : VV031977.D
Acq On : 08 Sep 2023 11:55
Operator : SY/MD
Sample : 04277-01 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JYCA0

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: VV031977.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	91	rBV	166991	175885	13.81%	1.659%
2	1.529	145	152	170	rVB	132850	160788	12.63%	1.516%
3	2.056	307	316	329	rBV	267483	390778	30.69%	3.686%
4	2.445	427	437	451	rBV	13059	22818	1.79%	0.215%
5	2.558	466	472	483	rVB4	2353	3976	0.31%	0.037%
6	2.622	490	492	496	rBV4	351	316	0.02%	0.003%
7	2.696	513	515	520	rVB5	710	554	0.04%	0.005%
8	2.863	565	567	570	rBV2	491	319	0.03%	0.003%
9	2.883	570	573	576	rBV4	382	304	0.02%	0.003%
10	3.342	712	716	718	rBV4	397	342	0.03%	0.003%
11	3.397	730	733	737	rBV4	384	352	0.03%	0.003%
12	3.497	758	764	769	rBV4	628	726	0.06%	0.007%
13	3.535	772	776	778	rBV3	439	386	0.03%	0.004%
14	3.571	784	787	790	rBV4	469	388	0.03%	0.004%
15	3.690	821	824	827	rBV	327	315	0.02%	0.003%
16	3.786	844	854	895	rBV	104653	307421	24.15%	2.899%
17	4.178	972	976	978	rBV5	653	508	0.04%	0.005%
18	4.249	982	998	1027	rVV	186415	483323	37.96%	4.558%
19	4.651	1121	1123	1126	rVV3	496	324	0.03%	0.003%
20	4.683	1130	1133	1136	rVB4	452	297	0.02%	0.003%
21	4.751	1151	1154	1157	rBV3	394	318	0.02%	0.003%
22	4.825	1173	1177	1181	rBV5	519	464	0.04%	0.004%
23	4.892	1196	1198	1201	rBV4	463	340	0.03%	0.003%
24	4.957	1201	1218	1245	rBV2	484235	1273222	100.00%	12.008%
25	5.211	1289	1297	1314	rBV2	8946	20599	1.62%	0.194%
26	5.535	1386	1398	1421	rBV	377552	770040	60.48%	7.262%
27	5.828	1479	1489	1507	rVB3	12174	26487	2.08%	0.250%
28	5.892	1507	1509	1511	rVB2	682	305	0.02%	0.003%
29	5.992	1524	1540	1558	rBV	277940	576172	45.25%	5.434%
30	6.220	1609	1611	1618	rVB5	671	616	0.05%	0.006%
31	6.252	1618	1621	1625	rBV6	650	581	0.05%	0.005%
32	6.294	1625	1634	1639	rBV2	3510	6291	0.49%	0.059%
33	6.397	1657	1666	1694	rBV	102343	202131	15.88%	1.906%
34	6.915	1816	1827	1857	rBV	169127	322399	25.32%	3.041%
35	7.124	1883	1892	1903	rBV	28015	48953	3.84%	0.462%
36	7.246	1918	1930	1970	rBV	591272	1059063	83.18%	9.988%

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Sample : 04277-01 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JYCA0

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\SFAMVLM082323WMA.M
Title : VOC Analysis

37	7.555	2012	2026	2060	rBV2	132607	249650	19.61%	2.355%
38	7.738	2078	2083	2087	rVV5	903	921	0.07%	0.009%
39	7.799	2099	2102	2104	rBV4	424	348	0.03%	0.003%
40	7.866	2111	2123	2143	rBV	37464	66874	5.25%	0.631%
41	7.979	2148	2158	2163	rVV3	6589	11291	0.89%	0.106%
42	8.027	2164	2173	2199	rVV	331064	610721	47.97%	5.760%
43	8.137	2200	2207	2232	rVV2	45744	89026	6.99%	0.840%
44	8.252	2236	2243	2267	rVV2	16127	34404	2.70%	0.324%
45	8.365	2270	2278	2289	rVB9	4078	7304	0.57%	0.069%
46	8.445	2300	2303	2305	rBV2	410	321	0.03%	0.003%
47	8.622	2348	2358	2379	rBV	77845	130365	10.24%	1.230%
48	8.789	2398	2410	2442	rVV	575925	964174	75.73%	9.093%
49	9.056	2490	2493	2494	rBV	605	345	0.03%	0.003%
50	9.342	2571	2582	2587	rBV5	1273	2339	0.18%	0.022%
51	9.506	2621	2633	2643	rVV9	2007	4549	0.36%	0.043%
52	9.571	2650	2653	2655	rVV3	511	297	0.02%	0.003%
53	9.599	2658	2662	2667	rBV4	423	536	0.04%	0.005%
54	9.776	2712	2717	2720	rVB3	462	439	0.03%	0.004%
55	9.808	2722	2727	2729	rVV	533	414	0.03%	0.004%
56	9.879	2740	2749	2752	rBV4	754	1007	0.08%	0.009%
57	10.107	2814	2820	2821	rBV3	531	428	0.03%	0.004%
58	10.156	2822	2835	2857	rVV	356153	574493	45.12%	5.418%
59	10.291	2876	2877	2881	rVB3	766	407	0.03%	0.004%
60	10.323	2884	2887	2891	rBV4	1088	1062	0.08%	0.010%
61	10.413	2912	2915	2921	rVV4	382	407	0.03%	0.004%
62	10.461	2927	2930	2933	rVV3	401	315	0.02%	0.003%
63	10.487	2933	2938	2940	rVV4	809	740	0.06%	0.007%
64	10.509	2943	2945	2947	rVV3	624	338	0.03%	0.003%
65	10.525	2947	2950	2953	rVV3	577	428	0.03%	0.004%
66	10.542	2953	2955	2961	rVV4	392	410	0.03%	0.004%
67	10.625	2977	2981	2982	rBV2	825	481	0.04%	0.005%
68	10.635	2982	2984	2987	rVV2	664	424	0.03%	0.004%
69	10.677	2995	2997	3002	rVV4	451	395	0.03%	0.004%
70	10.699	3002	3004	3010	rVB4	488	484	0.04%	0.005%
71	10.995	3093	3096	3100	rBV3	598	342	0.03%	0.003%
72	11.188	3145	3156	3180	rBV	650813	1008088	79.18%	9.508%
73	11.471	3237	3244	3250	rBV4	2229	3007	0.24%	0.028%
74	11.519	3254	3259	3261	rBV4	871	820	0.06%	0.008%
75	11.564	3261	3273	3293	rVV	596826	942218	74.00%	8.886%
76	11.709	3316	3318	3322	rVB2	494	328	0.03%	0.003%

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Sample : 04277-01 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JYCA0

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\SFAMVLM082323WMA.M
Title : VOC Analysis

77	11.911	3378	3381	3387	rVB3	357	441	0.03%	0.004%
78	11.950	3391	3393	3399	rVV2	454	348	0.03%	0.003%
79	12.156	3454	3457	3462	rVV3	358	305	0.02%	0.003%
80	12.207	3464	3473	3478	rVV3	1347	1996	0.16%	0.019%
81	12.300	3496	3502	3504	rBV3	910	949	0.07%	0.009%
82	12.532	3570	3574	3579	rVB5	627	613	0.05%	0.006%
83	12.673	3613	3618	3624	rVV6	793	845	0.07%	0.008%
84	12.831	3659	3667	3674	rVB8	1890	3120	0.25%	0.029%
85	12.914	3692	3693	3700	rVB3	649	516	0.04%	0.005%
86	13.046	3731	3734	3739	rVB5	782	561	0.04%	0.005%
87	13.098	3746	3750	3753	rVB3	478	358	0.03%	0.003%
88	13.207	3779	3784	3794	rVB6	1564	2447	0.19%	0.023%
89	13.278	3800	3806	3807	rBV5	556	508	0.04%	0.005%
90	13.304	3812	3814	3819	rVV4	455	361	0.03%	0.003%
91	13.368	3829	3834	3836	rBV3	547	563	0.04%	0.005%
92	13.451	3853	3860	3872	rVB4	4141	7315	0.57%	0.069%
93	13.586	3900	3902	3908	rVB3	671	377	0.03%	0.004%
94	13.693	3929	3935	3938	rBV4	1622	1656	0.13%	0.016%
95	13.953	4011	4016	4018	rBV4	648	707	0.06%	0.007%
96	13.969	4018	4021	4023	rBV2	515	412	0.03%	0.004%
97	14.258	4109	4111	4115	rBV4	596	384	0.03%	0.004%
98	14.422	4159	4162	4165	rBV4	799	636	0.05%	0.006%
99	14.763	4260	4268	4274	rBV4	4716	7665	0.60%	0.072%
100	15.262	4420	4423	4428	rBV5	864	892	0.07%	0.008%

Sum of corrected areas: 10603016

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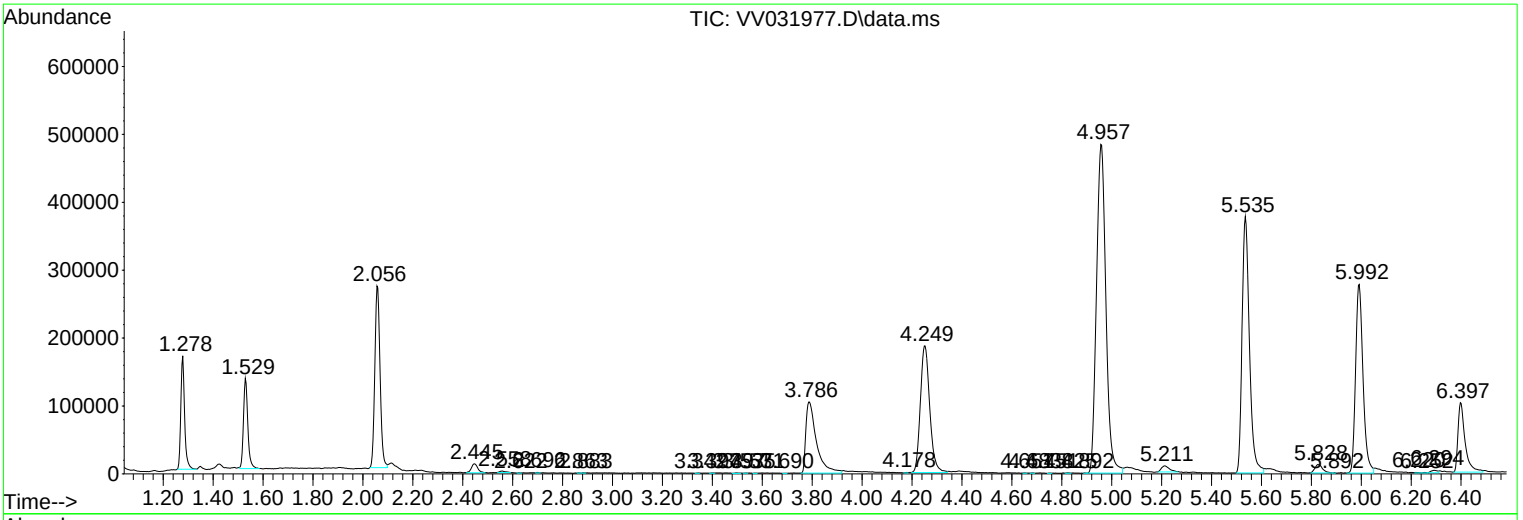
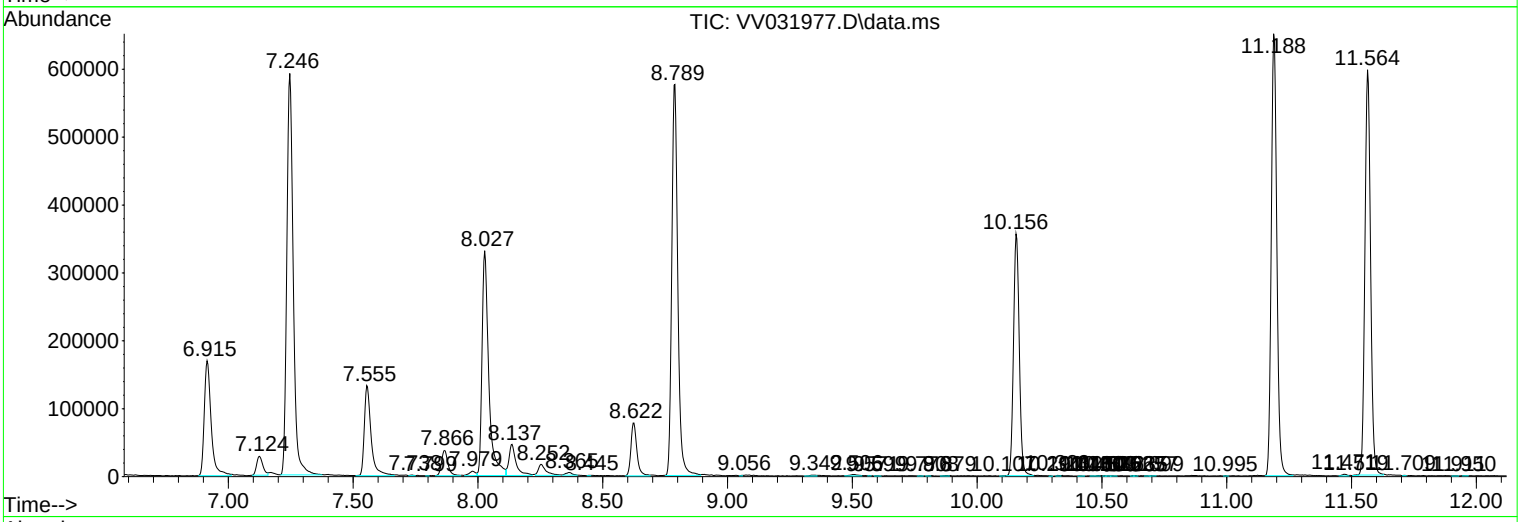
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

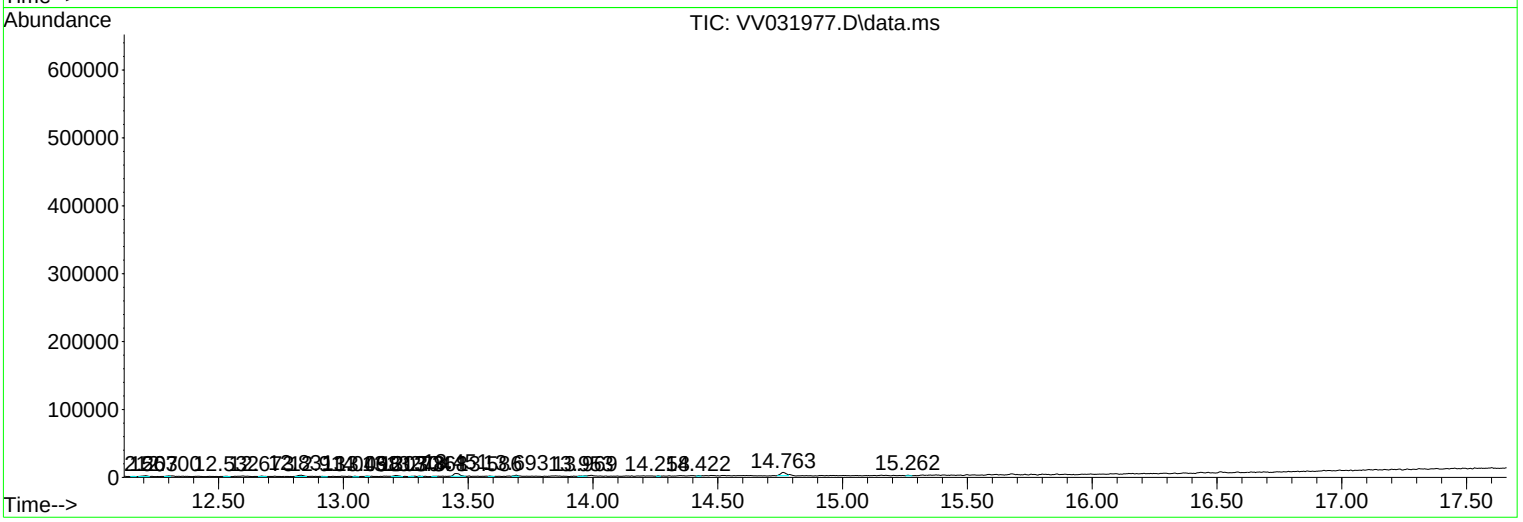
Instrument :
MSVOA_V
ClientSampleId :
JYCA0

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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Instrument :
MSVOA_V
ClientSampleId :
JYCA0

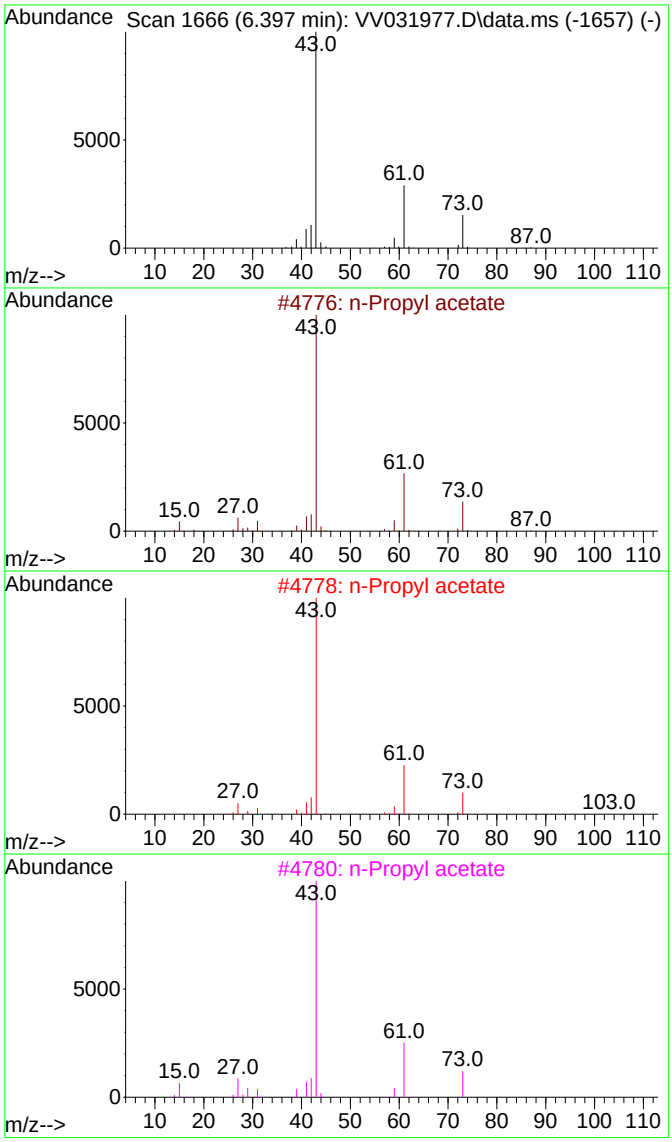
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

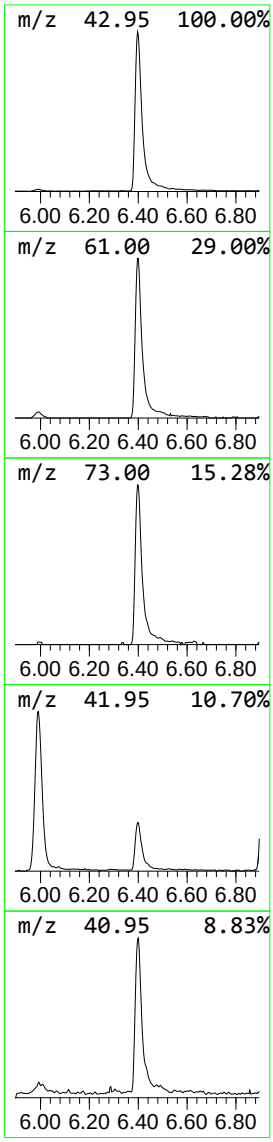
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 n-Propyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.397	13.12 ug/L	202131	1,4-Difluorobenzene	5.535

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	64
5	Isopropyl acetate	102	C5H10O2	000108-21-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090823\
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JYCA0

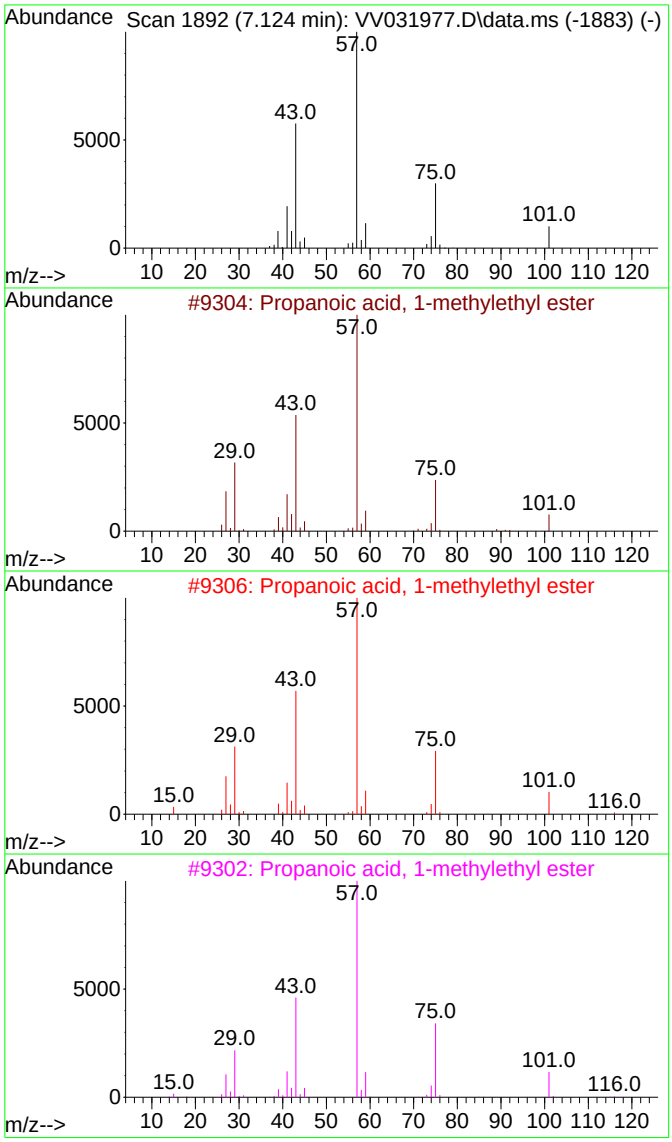
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

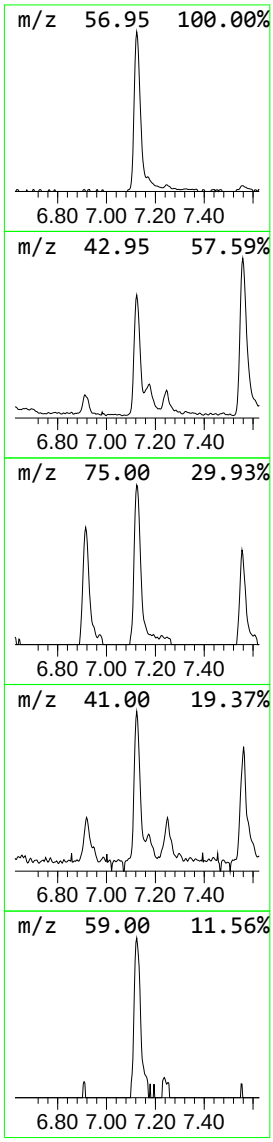
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.124	3.18 ug/L	48953	1,4-Difluorobenzene	5.535

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	64
5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	64





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Operator : SY/MD
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JYCA0

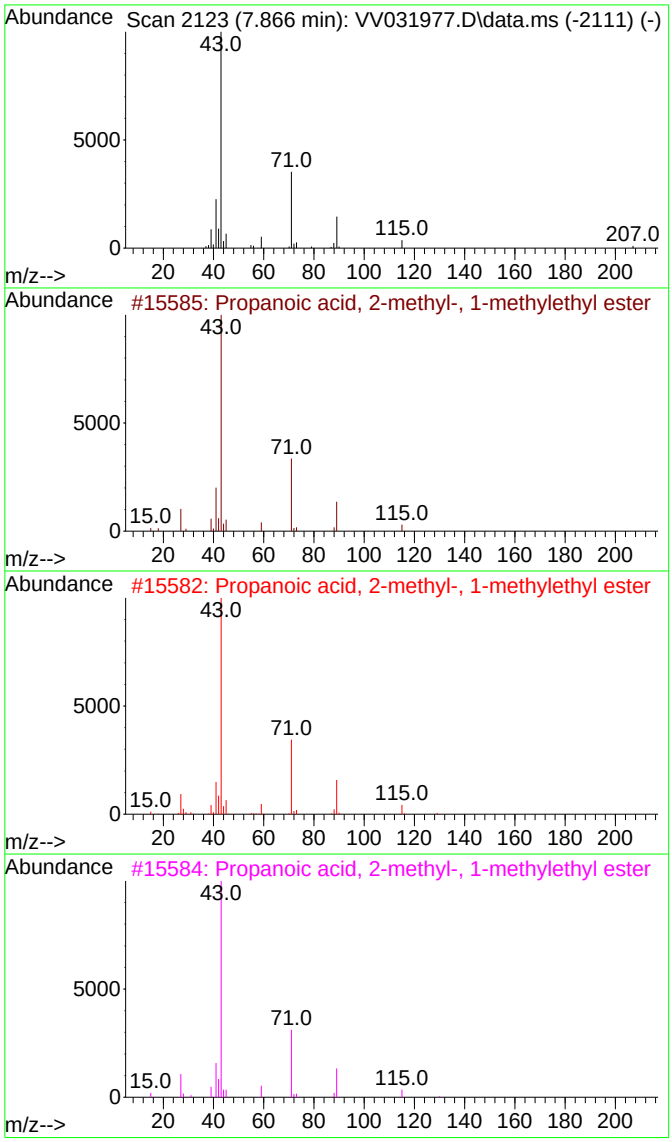
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

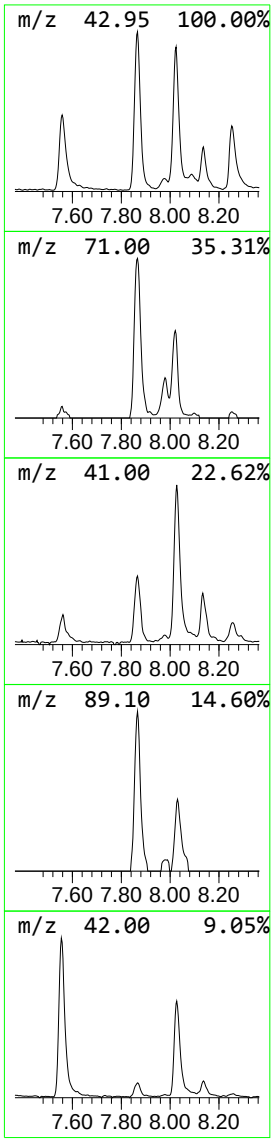
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.866	3.47 ug/L	66874	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-, 1-met...	130	C7H14O2	000617-50-5	72





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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JYCA0

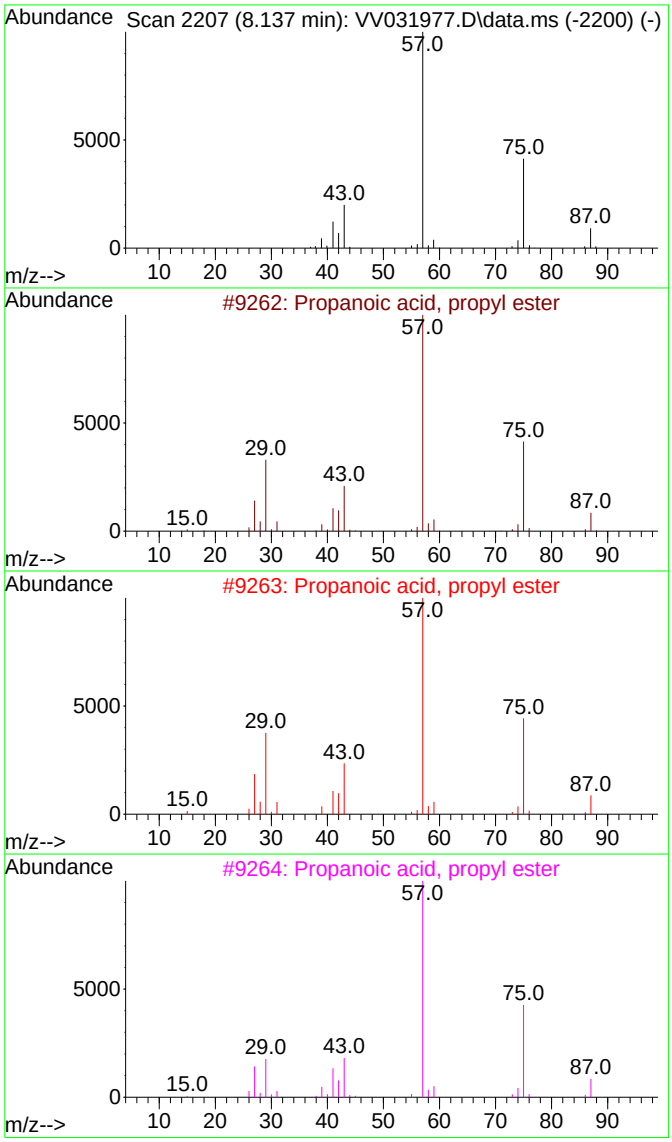
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

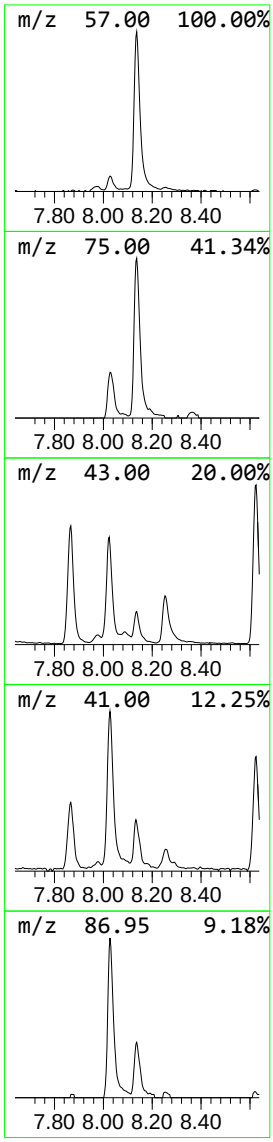
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.137	4.62 ug/L	89026	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	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090823\
Data File : VV031977.D
Acq On : 08 Sep 2023 11:55
Operator : SY/MD
Sample : 04277-01 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JYCA0

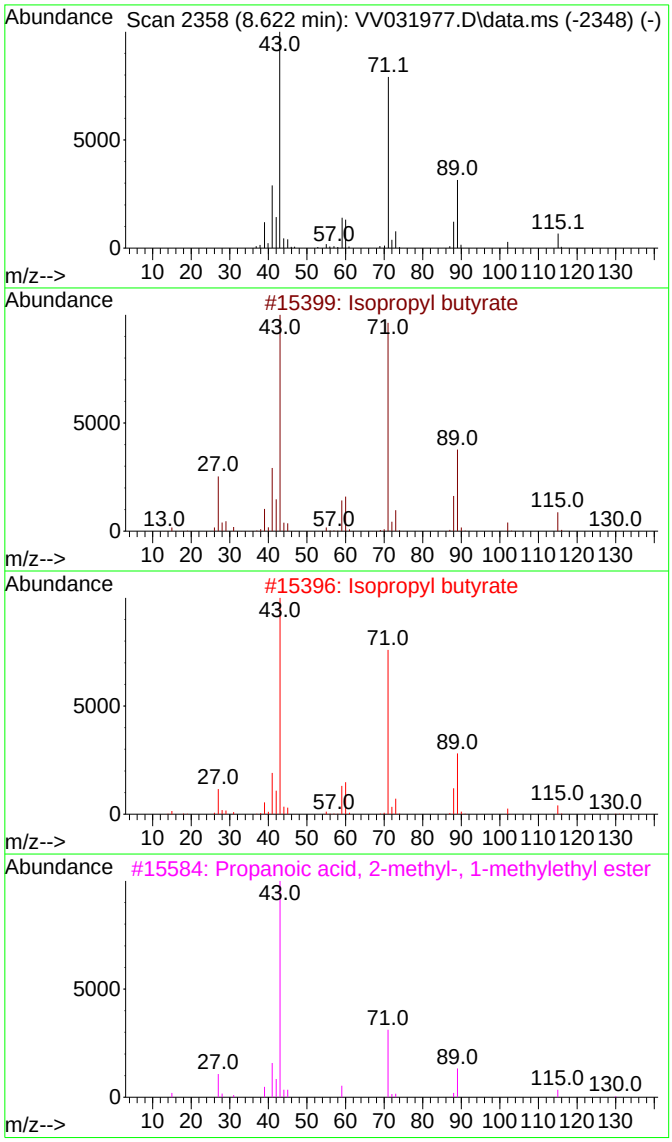
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

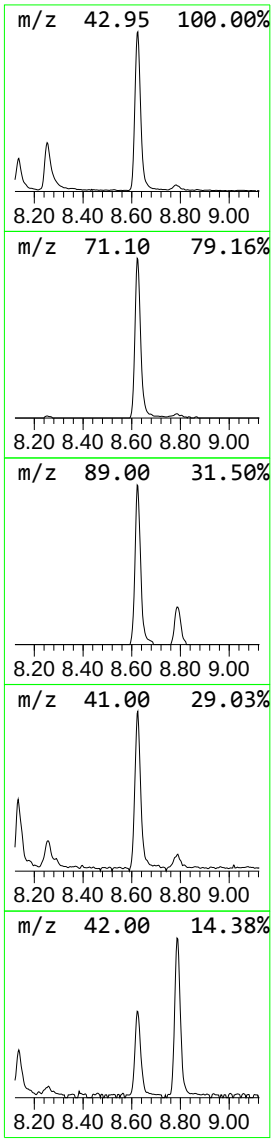
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Isopropyl butyrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.622	6.76 ug/L	130365	Chlorobenzene-d5	8.789

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	90
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	78
4	Isopropyl butyrate	130	C7H14O2	000638-11-9	78
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\VV090823\
Data File : VV031977.D
Acq On : 08 Sep 2023 11:55
Operator : SY/MD
Sample : 04277-01 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JYCA0

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	6.397	13.1	ug/L	202131	1	5.535	770040	50.0
Propanoic acid,...	7.124	3.2	ug/L	48953	1	5.535	770040	50.0
Propanoic acid,...	7.866	3.5	ug/L	66874	2	8.789	964174	50.0
Propanoic acid,...	8.137	4.6	ug/L	89026	2	8.789	964174	50.0
Isopropyl butyrate	8.622	6.8	ug/L	130365	2	8.789	964174	50.0