LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082721\
Data File : VV021977.D
Acq On : 27 Aug 2021 15:40
Operator : SY/MD
Sample : PB138766TB 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VLEB766

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\SFAMVLM082721WMA.M
Title : VOC Analysis

Signal : TIC: VV021977.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.307	76	83	100	rVB	204525	205953	14.76%	1.758%
2	1.565	156	163	176	rVB	154409	177711	12.74%	1.517%
3	2.105	321	331	346	rBV	309085	458358	32.85%	3.913%
4	2.510	446	457	471	rVB2	11206	19871	1.42%	0.170%
5	2.565	471	474	478	rBV3	536	503	0.04%	0.004%
6	2.728	522	525	526	rBV	345	185	0.01%	0.002%
7	2.786	541	543	545	rBV	382	178	0.01%	0.002%
8	2.831	554	557	562	rVB3	350	251	0.02%	0.002%
9	2.860	562	566	572	rBV2	212	248	0.02%	0.002%
10	2.902	576	579	582	rBV	269	240	0.02%	0.002%
11	2.950	592	594	599	rVB2	380	269	0.02%	0.002%
12	3.050	622	625	629	rVB2	451	269	0.02%	0.002%
13	3.105	638	642	644	rBV2	363	229	0.02%	0.002%
14	3.227	678	680	685	rVB3	417	321	0.02%	0.003%
15	3.294	699	701	707	rVB2	607	426	0.03%	0.004%
16	3.327	707	711	714	rBV	300	215	0.02%	0.002%
17	3.365	719	723	725	rBV3	332	187	0.01%	0.002%
18	3.516	768	770	774	rBV2	272	214	0.02%	0.002%
19	3.584	787	791	795	rBV2	261	196	0.01%	0.002%
20	3.613	795	800	801	rBV	477	311	0.02%	0.003%
21	3.655	808	813	815	rBV3	253	260	0.02%	0.002%
22	3.690	822	824	829	rBV2	351	298	0.02%	0.003%
23	3.748	838	842	843	rBV3	473	307	0.02%	0.003%
24	3.876	870	882	916	rBV	110107	304959	21.86%	2.604%
25	4.256	998	1000	1007	rVB4	539	307	0.02%	0.003%
26	4.352	1013	1030	1061	rBV2	214147	538691	38.61%	4.599%
27	4.860	1186	1188	1192	rBV2	305	192	0.01%	0.002%
28	4.918	1203	1206	1210	rBV3	412	316	0.02%	0.003%
29	5.050	1224	1247	1274	rBV2	543833	1395213	100.00%	11.912%
30	5.455	1369	1373	1375	rBV4	443	352	0.03%	0.003%
31	5.490	1382	1384	1388	rVB3	421	282	0.02%	0.002%
32	5.571	1405	1409	1411	rBV3	294	273	0.02%	0.002%
33	5.619	1412	1424	1453	rBV	423626	857052	61.43%	7.317%
34	5.822	1485	1487	1489	rBV2	499	205	0.01%	0.002%
35	5.912	1503	1515	1532	rBV2	21971	45991	3.30%	0.393%
36	6.072	1551	1565	1594	rBV	302344	624051	44.73%	5.328%

LSC Area Percent Report

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Operator : SY/MD
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ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VLEB766

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\SFAMVLM082721WMA.M
Title : VOC Analysis

37	6.326	1641	1644	1646	rBV3	301	183	0.01%	0.002%
38	6.339	1646	1648	1649	rBV	446	193	0.01%	0.002%
39	6.465	1678	1687	1715	rBV	116683	224565	16.10%	1.917%
40	6.780	1783	1785	1790	rBV4	486	434	0.03%	0.004%
41	6.876	1813	1815	1817	rBV	327	202	0.01%	0.002%
42	6.989	1839	1850	1875	rBV	170514	312317	22.38%	2.666%
43	7.191	1903	1913	1926	rBV2	20272	35772	2.56%	0.305%
44	7.317	1940	1952	1970	rBV	670614	1169720	83.84%	9.987%
45	7.625	2038	2048	2069	rBV	114165	203963	14.62%	1.741%
46	7.934	2133	2144	2157	rBV3	5424	10607	0.76%	0.091%
47	8.040	2169	2177	2183	rBV2	15220	21818	1.56%	0.186%
48	8.088	2183	2192	2215	rVV2	342554	628481	45.05%	5.366%
49	8.191	2217	2224	2251	rVB	223922	363243	26.03%	3.101%
50	8.535	2328	2331	2335	rBV4	337	319	0.02%	0.003%
51	8.683	2365	2377	2395	rBV	131975	209718	15.03%	1.791%
52	8.854	2419	2430	2454	rBV	646358	1055422	75.65%	9.011%
53	9.104	2504	2508	2509	rBV	731	492	0.04%	0.004%
54	9.149	2517	2522	2528	rBV5	1293	1779	0.13%	0.015%
55	9.204	2535	2539	2543	rVB3	304	223	0.02%	0.002%
56	9.320	2571	2575	2578	rBV2	301	232	0.02%	0.002%
57	9.384	2591	2595	2599	rVB	304	271	0.02%	0.002%
58	9.474	2620	2623	2631	rVB3	476	450	0.03%	0.004%
59	9.555	2641	2648	2654	rBV4	4269	6194	0.44%	0.053%
60	9.696	2689	2692	2694	rBV2	614	370	0.03%	0.003%
61	9.767	2709	2714	2716	rBV2	318	231	0.02%	0.002%
62	9.886	2747	2751	2753	rBV2	265	208	0.01%	0.002%
63	9.895	2753	2754	2758	rVV2	445	260	0.02%	0.002%
64	9.944	2767	2769	2773	rVV2	694	419	0.03%	0.004%
65	10.002	2783	2787	2790	rVB	280	234	0.02%	0.002%
66	10.130	2819	2827	2839	rVB4	3145	5634	0.40%	0.048%
67	10.220	2843	2855	2876	rBV	395222	647523	46.41%	5.528%
68	10.481	2933	2936	2939	rBV2	298	238	0.02%	0.002%
69	10.535	2950	2953	2954	rBV	835	406	0.03%	0.003%
70	10.657	2989	2991	2992	rBV2	479	212	0.02%	0.002%
71	10.731	3012	3014	3016	rBV	328	186	0.01%	0.002%
72	10.792	3030	3033	3037	rVB2	342	201	0.01%	0.002%
73	10.815	3039	3040	3045	rVB2	389	227	0.02%	0.002%
74	10.870	3055	3057	3062	rVB2	484	259	0.02%	0.002%
75	10.895	3062	3065	3066	rBV	414	258	0.02%	0.002%
76	10.924	3066	3074	3084	rVB7	3389	5332	0.38%	0.046%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VLEB766

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\SFAMVLM082721WMA.M
Title : VOC Analysis

77	11.034	3103	3108	3116	rBV5	1056	1297	0.09%	0.011%
78	11.143	3134	3142	3146	rBV4	1417	1815	0.13%	0.015%
79	11.194	3154	3158	3159	rBV4	588	348	0.02%	0.003%
80	11.252	3164	3176	3198	rBV	687582	1079128	77.35%	9.213%
81	11.538	3259	3265	3268	rBV5	709	838	0.06%	0.007%
82	11.625	3280	3292	3313	rBV	669280	1078295	77.29%	9.206%
83	11.837	3354	3358	3360	rVV3	490	324	0.02%	0.003%
84	12.027	3415	3417	3420	rVB	559	288	0.02%	0.002%
85	12.075	3430	3432	3434	rBV3	432	281	0.02%	0.002%
86	12.246	3482	3485	3486	rBV2	403	208	0.01%	0.002%
87	12.259	3486	3489	3491	rVV	386	246	0.02%	0.002%
88	12.371	3521	3524	3527	rBV2	476	297	0.02%	0.003%
89	12.458	3549	3551	3554	rBV	361	205	0.01%	0.002%
90	12.567	3581	3585	3588	rBV2	260	178	0.01%	0.002%
91	12.651	3608	3611	3614	rBV2	476	332	0.02%	0.003%
92	12.735	3633	3637	3639	rBV2	355	196	0.01%	0.002%
93	12.780	3648	3651	3654	rBV2	336	218	0.02%	0.002%
94	12.802	3656	3658	3661	rVB3	394	178	0.01%	0.002%
95	12.886	3676	3684	3694	rBV4	1796	2542	0.18%	0.022%
96	12.944	3698	3702	3705	rBV3	435	403	0.03%	0.003%
97	13.342	3823	3826	3829	rBV	566	375	0.03%	0.003%
98	13.426	3848	3852	3853	rBV	499	306	0.02%	0.003%
99	13.751	3950	3953	3956	rVB3	452	308	0.02%	0.003%
100	13.934	4007	4010	4013	rBV2	565	396	0.03%	0.003%

Sum of corrected areas: 11712682

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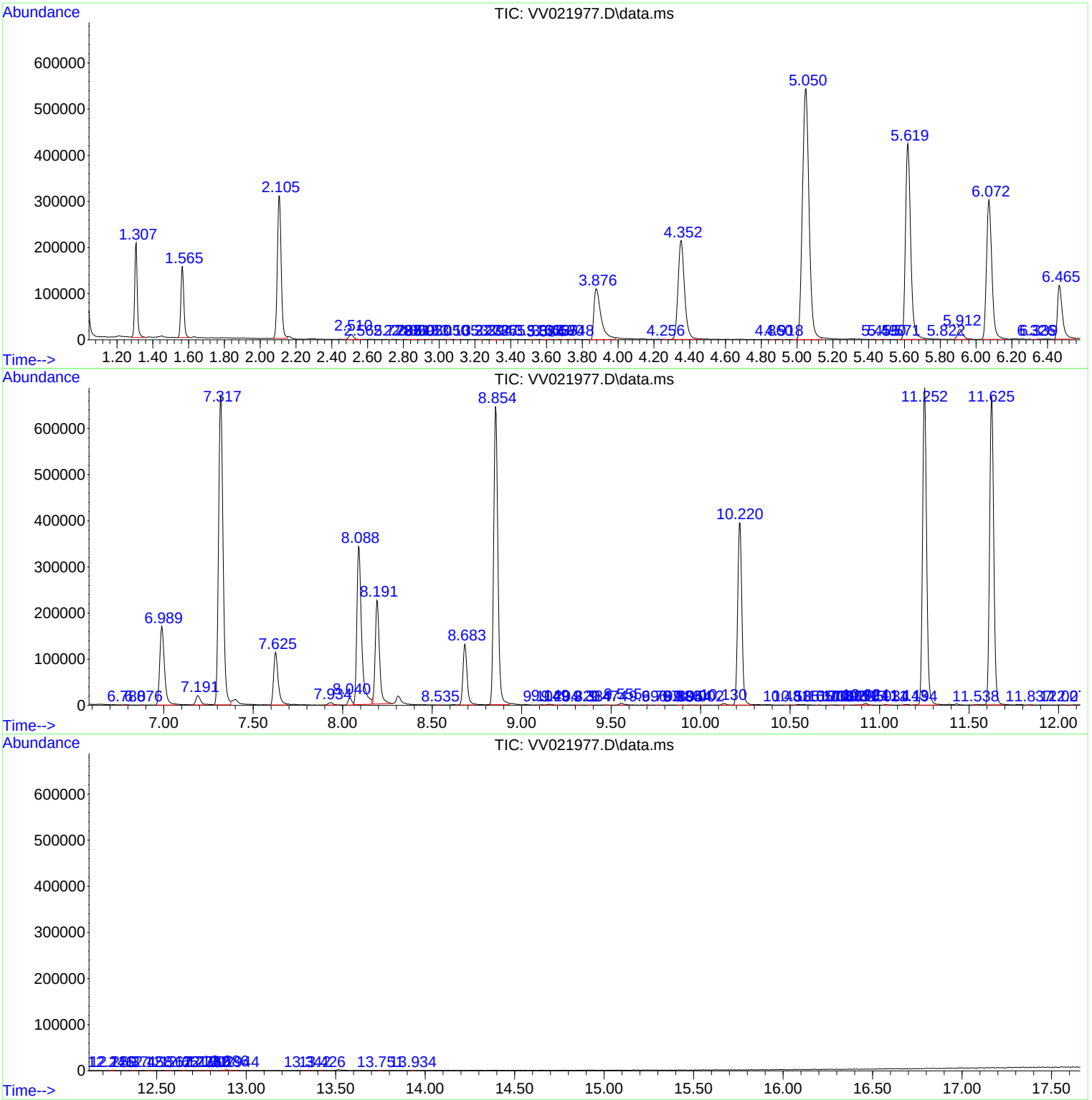
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VLEB766

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082721\
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VLEB766

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

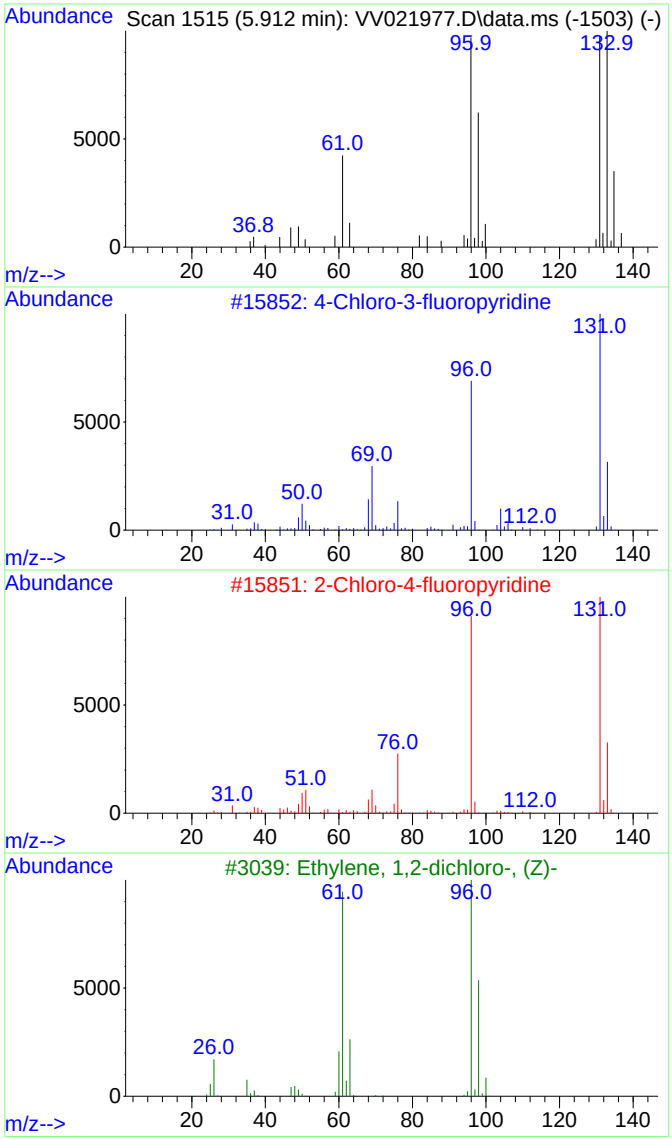
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

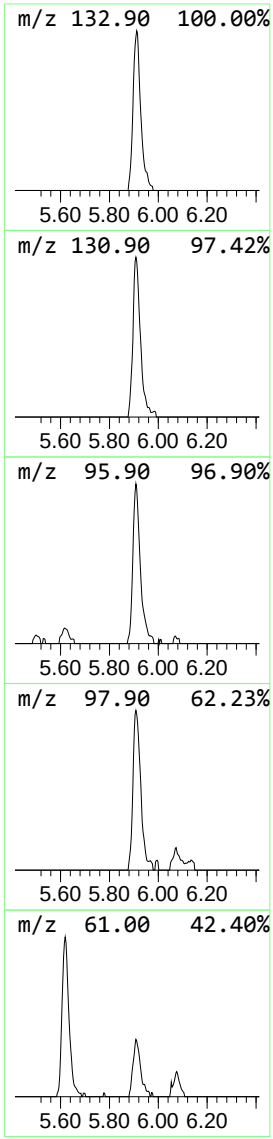
****

Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.912	2.68 ug/L	45991	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-3-fluoropyridine	131	C5H3ClFN	002546-56-7	43
2	2-Chloro-4-fluoropyridine	131	C5H3ClFN	1000484-44-8	38
3	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
4	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	37
5	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082721\
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VLEB766

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

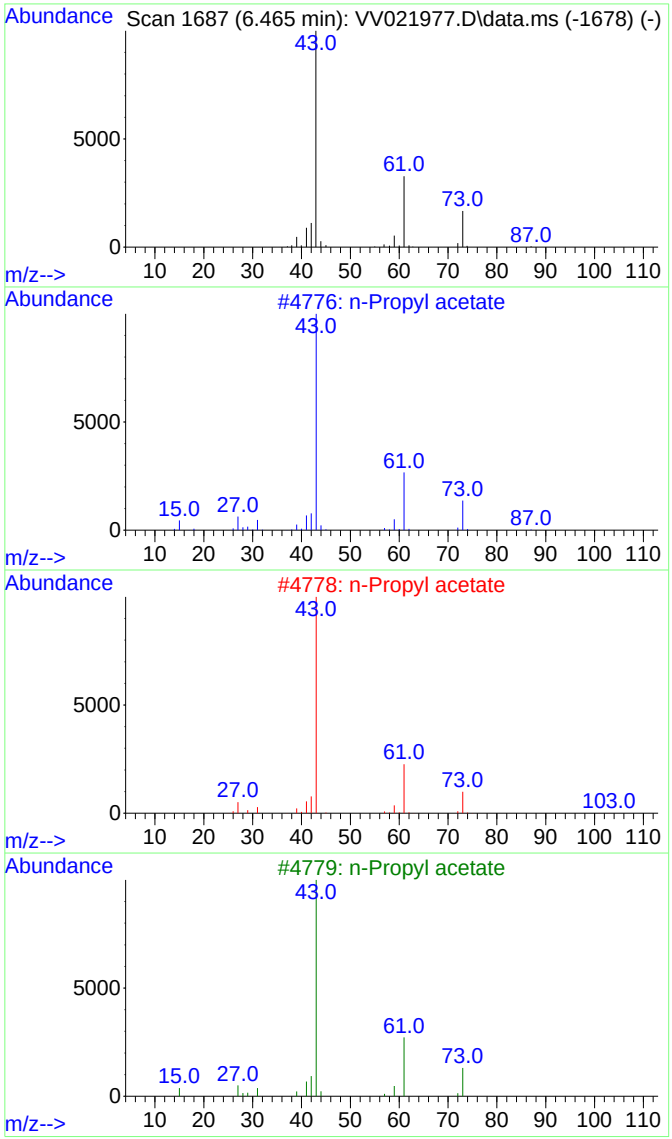
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

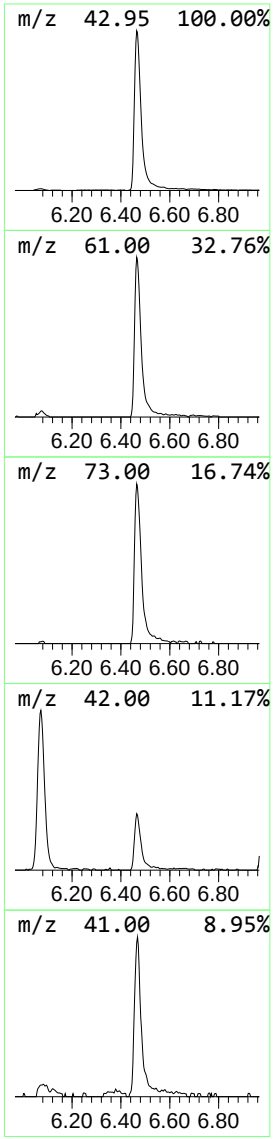
****

Peak Number 2 n-Propyl acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.465	13.10 ug/L	224565	1,4-Difluorobenzene	5.619

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





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ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VLEB766

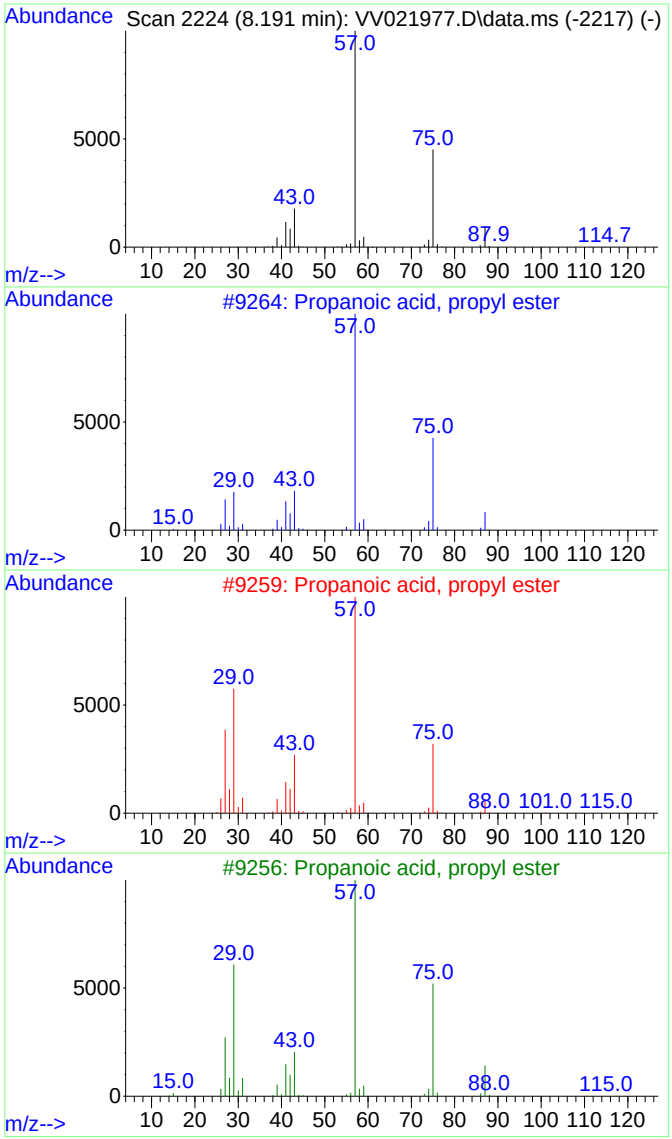
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

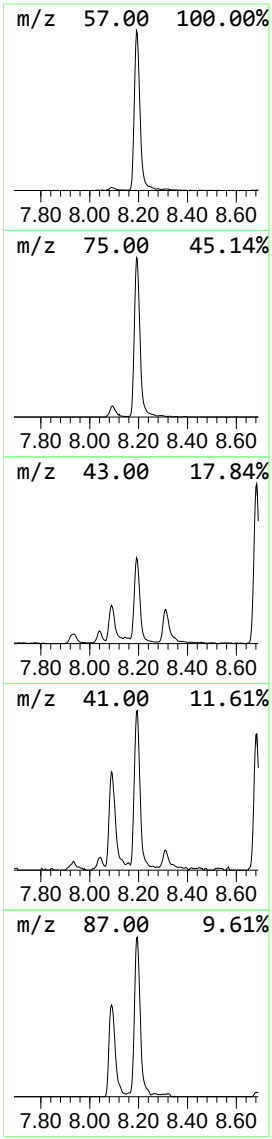
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Propanoic acid, propyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.191	17.21 ug/L	363243	Chlorobenzene-d5	8.854

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





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ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VLEB766

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

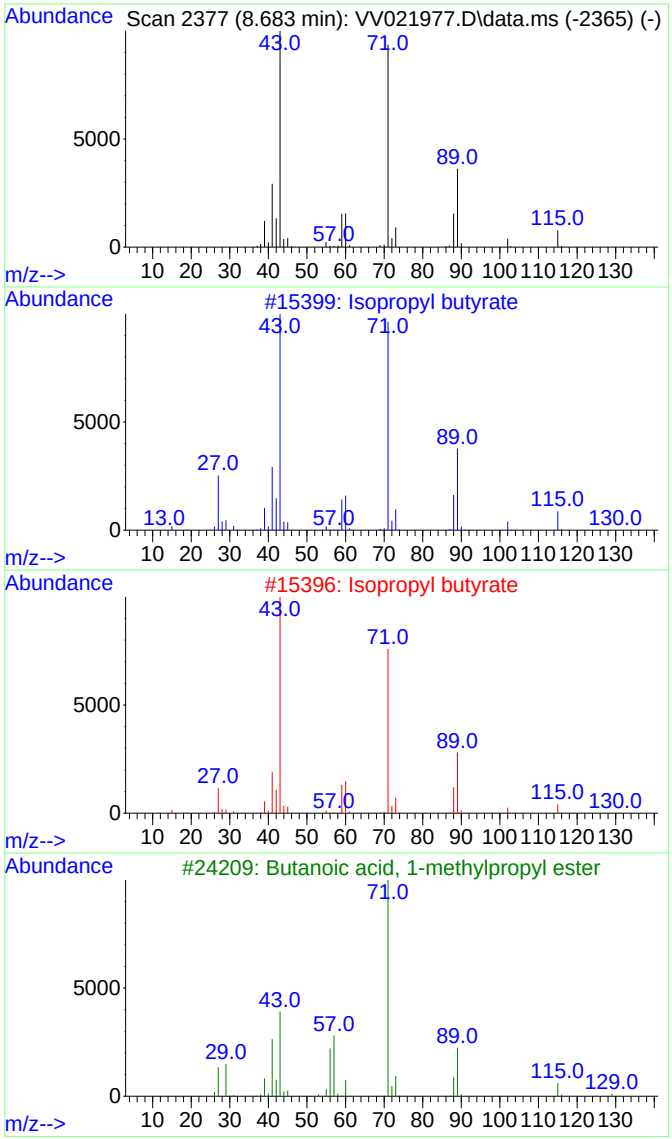
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

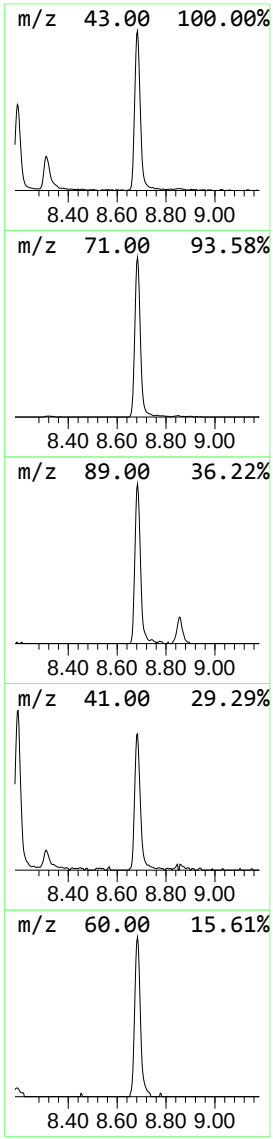
****

Peak Number 5 Isopropyl butyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.683	9.94 ug/L	209718	Chlorobenzene-d5	8.854

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	Butanoic acid, 1-methylpropyl ester	144	C8H16O2	000819-97-6	72
4	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	72
5	Isopropyl butyrate	130	C7H14O2	000638-11-9	72





Tentatively Identified Compound (LSC) summary

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Data File : VV021977.D
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ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VLEB766

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.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
unknown-01	5.912	2.7	ug/L	45991	1	5.619	857052	50.0
n-Propyl acetate	6.465	13.1	ug/L	224565	1	5.619	857052	50.0
Propanoic acid,...	8.191	17.2	ug/L	363243	2	8.854	1055420	50.0
Isopropyl butyrate	8.683	9.9	ug/L	209718	2	8.854	1055420	50.0