

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112919\
 Data File : VV013840.D
 Acq On : 29 Nov 2019 11:25
 Operator : SY/MD
 Sample : PB125168TB
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VLEB01

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.209	30	37	54	rBV	149382	233998	6.84%	0.844%
2	1.319	64	71	82	rVB	352030	343801	10.05%	1.241%
3	1.582	146	153	167	rVB	308944	350327	10.25%	1.264%
4	2.129	313	323	334	rBV	597069	836886	24.47%	3.020%
5	2.309	377	379	382	rBV4	1506	1109	0.03%	0.004%
6	2.460	421	426	428	rBV3	4048	3627	0.11%	0.013%
7	2.534	438	449	461	rBV2	23711	40308	1.18%	0.145%
8	2.630	477	479	481	rVV3	2594	1667	0.05%	0.006%
9	2.650	482	485	496	rVV7	6290	10352	0.30%	0.037%
10	2.759	515	519	522	rBV4	1699	1094	0.03%	0.004%
11	2.974	581	586	588	rBV5	1800	1316	0.04%	0.005%
12	3.090	618	622	625	rBV5	1888	1349	0.04%	0.005%
13	3.138	634	637	640	rBV4	1521	1039	0.03%	0.004%
14	3.203	652	657	660	rBV5	2558	2508	0.07%	0.009%
15	3.351	701	703	707	rVB5	2152	1510	0.04%	0.005%
16	3.373	707	710	715	rVB6	2266	1906	0.06%	0.007%
17	3.402	715	719	720	rBV2	1672	1326	0.04%	0.005%
18	3.447	730	733	734	rBV2	2057	1114	0.03%	0.004%
19	3.482	740	744	749	rBV6	1475	1540	0.05%	0.006%
20	3.585	773	776	781	rVB7	1507	1232	0.04%	0.004%
21	3.708	811	814	818	rBV4	1306	1319	0.04%	0.005%
22	3.769	830	833	836	rBV4	1928	1455	0.04%	0.005%
23	3.920	869	880	910	rBV	185423	513379	15.01%	1.853%
24	4.129	940	945	949	rBV8	2108	1878	0.05%	0.007%
25	4.399	1012	1029	1048	rBV	425104	1021497	29.87%	3.686%
26	4.679	1111	1116	1121	rVB7	2292	2511	0.07%	0.009%
27	4.814	1156	1158	1163	rVB5	2426	1763	0.05%	0.006%
28	5.093	1227	1245	1280	rBV2	997619	2544262	74.41%	9.182%
29	5.322	1304	1316	1335	rBV	81824	172758	5.05%	0.623%
30	5.585	1393	1398	1399	rBV4	1526	1408	0.04%	0.005%
31	5.659	1407	1421	1445	rBV	757946	1509270	44.14%	5.447%
32	5.900	1493	1496	1499	rVB5	2967	1919	0.06%	0.007%
33	5.945	1501	1510	1513	rBV5	6798	10719	0.31%	0.039%
34	6.113	1546	1562	1583	rBV	578989	1152122	33.69%	4.158%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	6.379	1638	1645	1646	rBV5	13633	14384	0.42%	0.052%
36	6.498	1670	1682	1711	rBV	1932270	3419366	100.00%	12.340%
37	6.852	1789	1792	1798	rVB7	2548	2125	0.06%	0.008%
38	6.933	1812	1817	1819	rBV6	1692	1544	0.05%	0.006%
39	6.971	1825	1829	1831	rBV4	1298	1075	0.03%	0.004%
40	7.026	1834	1846	1864	rBV	330374	586080	17.14%	2.115%
41	7.222	1897	1907	1920	rBV	235603	399570	11.69%	1.442%
42	7.357	1936	1949	1981	rBV	1254011	2216943	64.83%	8.001%
43	7.656	2030	2042	2063	rBV2	288927	517895	15.15%	1.869%
44	7.865	2102	2107	2108	rBV4	1419	1106	0.03%	0.004%
45	7.961	2125	2137	2154	rBV	443128	731299	21.39%	2.639%
46	8.125	2178	2188	2210	rBV2	716283	1263944	36.96%	4.561%
47	8.225	2210	2219	2246	rVV	793924	1261150	36.88%	4.551%
48	8.338	2249	2254	2269	rVB2	39940	63381	1.85%	0.229%
49	8.717	2360	2372	2408	rBV	943222	1560136	45.63%	5.630%
50	8.891	2412	2426	2441	rBV	1176215	1870269	54.70%	6.750%
51	9.151	2500	2507	2514	rBV8	4500	6951	0.20%	0.025%
52	9.424	2583	2592	2606	rBV	20421	39748	1.16%	0.143%
53	9.582	2631	2641	2659	rBV	117074	200498	5.86%	0.724%
54	9.746	2687	2692	2695	rBV7	3753	3752	0.11%	0.014%
55	9.974	2760	2763	2767	rBV4	1536	1184	0.03%	0.004%
56	10.254	2838	2850	2865	rBV	808335	1260165	36.85%	4.548%
57	10.376	2885	2888	2891	rBV4	1950	1335	0.04%	0.005%
58	10.521	2929	2933	2936	rBV4	1814	1890	0.06%	0.007%
59	10.579	2940	2951	2960	rVV2	18412	30003	0.88%	0.108%
60	10.749	3002	3004	3010	rVB7	1138	1039	0.03%	0.004%
61	10.784	3010	3015	3020	rBV9	1706	1837	0.05%	0.007%
62	10.833	3025	3030	3034	rBV6	901	1115	0.03%	0.004%
63	10.855	3034	3037	3043	rBV7	1494	1534	0.04%	0.006%
64	10.884	3043	3046	3047	rBV3	2377	1371	0.04%	0.005%
65	10.961	3063	3070	3071	rBV6	2077	2250	0.07%	0.008%
66	11.045	3093	3096	3101	rBV7	1467	1360	0.04%	0.005%
67	11.100	3111	3113	3117	rBV4	1557	1134	0.03%	0.004%
68	11.148	3123	3128	3129	rBV4	1320	1035	0.03%	0.004%
69	11.193	3138	3142	3145	rBV5	1265	1061	0.03%	0.004%
70	11.222	3148	3151	3157	rVB7	3286	3666	0.11%	0.013%
71	11.289	3157	3172	3188	rBV	1048057	1612395	47.15%	5.819%

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72	11.444	3217	3220	3224	rVB5	2151	1547	0.05%	0.006%
73	11.514	3239	3242	3248	rBV8	1951	2019	0.06%	0.007%
74	11.665	3276	3289	3307	rVV	1130863	1796082	52.53%	6.482%
75	11.884	3353	3357	3361	rVB6	2202	1878	0.05%	0.007%
76	12.373	3504	3509	3511	rBV4	1219	1057	0.03%	0.004%
77	12.598	3577	3579	3583	rBV3	1702	1076	0.03%	0.004%
78	12.691	3604	3608	3619	rVB3	2847	3751	0.11%	0.014%
79	12.945	3683	3687	3689	rVB4	1579	1052	0.03%	0.004%
80	12.977	3695	3697	3701	rVB5	1723	1333	0.04%	0.005%
81	13.029	3710	3713	3718	rVB6	2269	1610	0.05%	0.006%
82	13.096	3730	3734	3738	rBV6	1581	1359	0.04%	0.005%
83	13.119	3738	3741	3744	rBV4	2029	1338	0.04%	0.005%
84	13.170	3751	3757	3759	rBV6	2569	2336	0.07%	0.008%
85	13.312	3793	3801	3810	rBV6	4551	7563	0.22%	0.027%
86	13.469	3847	3850	3854	rBV5	1314	1020	0.03%	0.004%
87	13.550	3873	3875	3878	rBV4	2471	1904	0.06%	0.007%
88	13.675	3911	3914	3917	rVV4	1718	1109	0.03%	0.004%
89	13.948	3994	3999	4002	rBV5	2331	2230	0.07%	0.008%
90	14.051	4027	4031	4034	rBV3	1272	1343	0.04%	0.005%
91	14.241	4087	4090	4097	rBV8	2267	2806	0.08%	0.010%
92	14.273	4097	4100	4103	rBV5	1470	1270	0.04%	0.005%
93	14.476	4157	4163	4170	rVB5	2395	3688	0.11%	0.013%
94	14.730	4236	4242	4244	rBV7	1755	1927	0.06%	0.007%
95	14.788	4256	4260	4262	rBV3	1626	1144	0.03%	0.004%
96	14.842	4274	4277	4279	rBV3	1781	1087	0.03%	0.004%
97	14.926	4300	4303	4307	rBV4	1661	1234	0.04%	0.004%
98	14.977	4317	4319	4322	rBV3	1720	1092	0.03%	0.004%
99	15.067	4342	4347	4352	rVB8	1956	2245	0.07%	0.008%
100	15.286	4412	4415	4418	rBV5	1722	1210	0.04%	0.004%

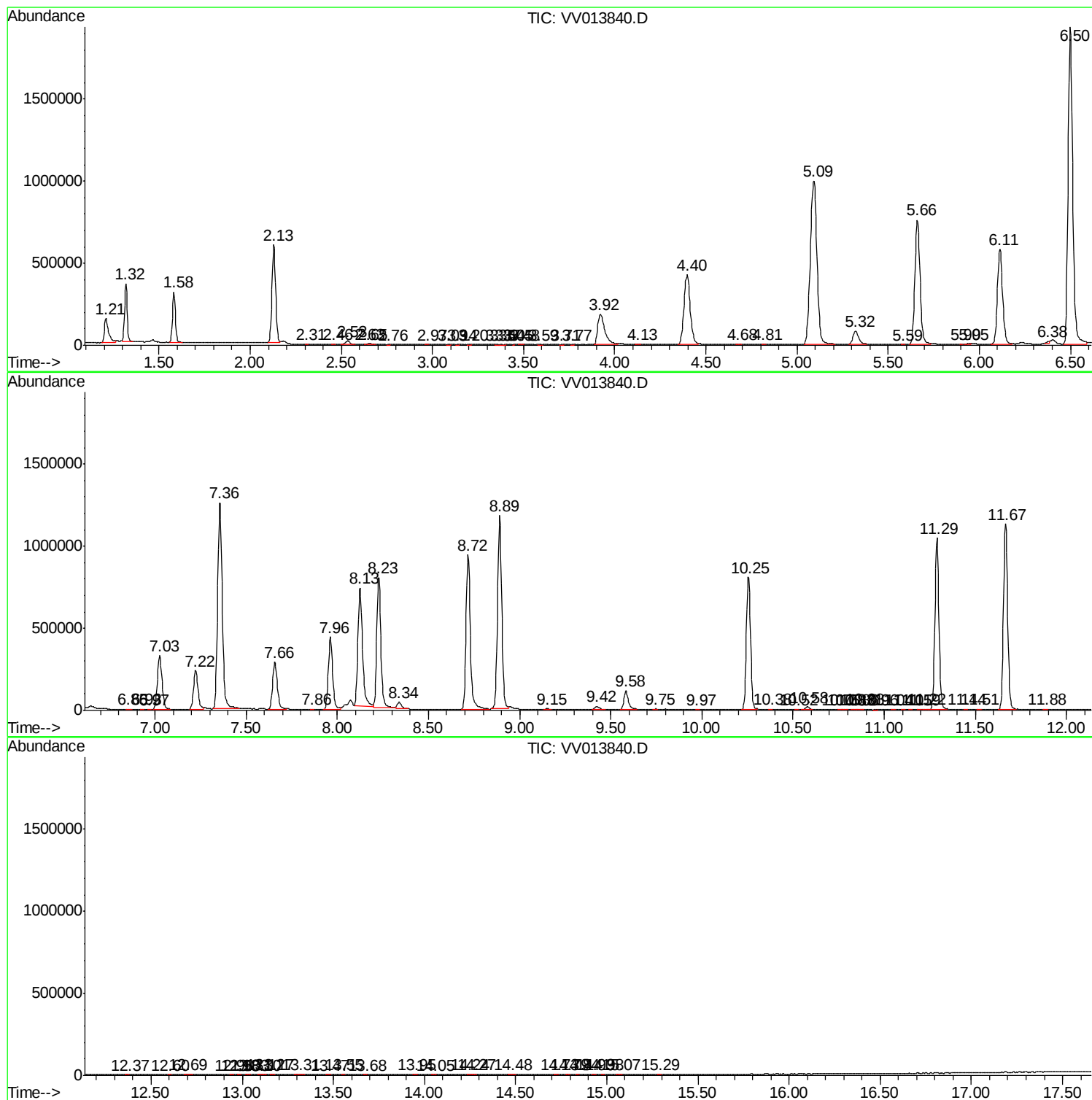
Sum of corrected areas: 27709169

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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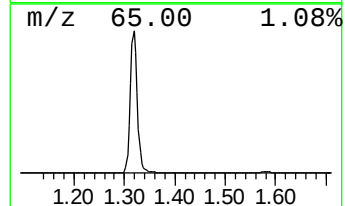
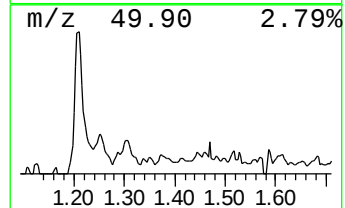
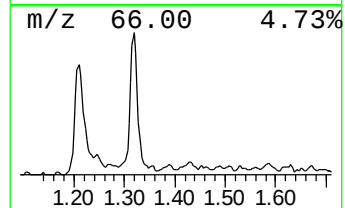
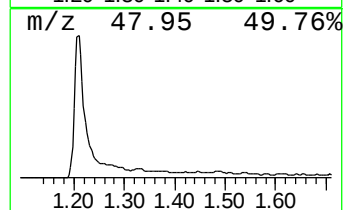
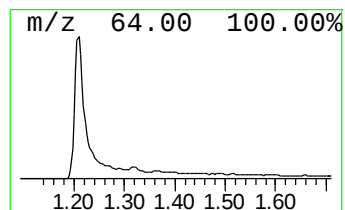
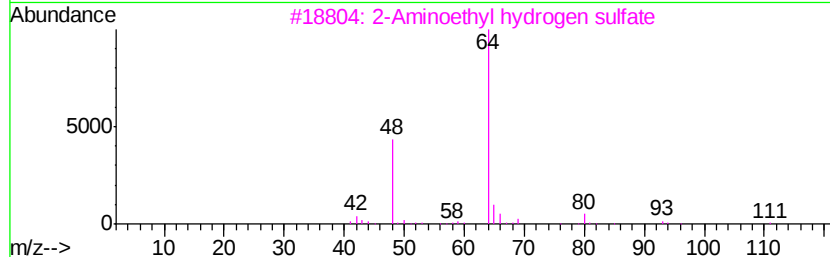
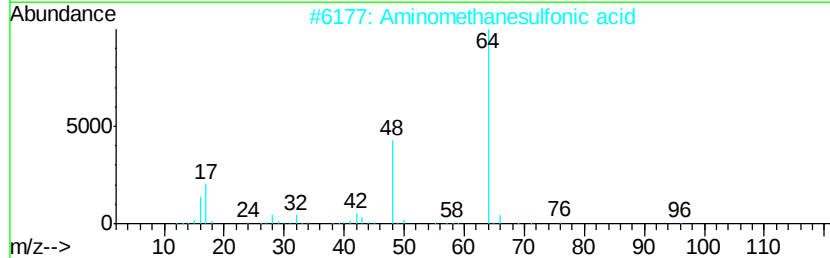
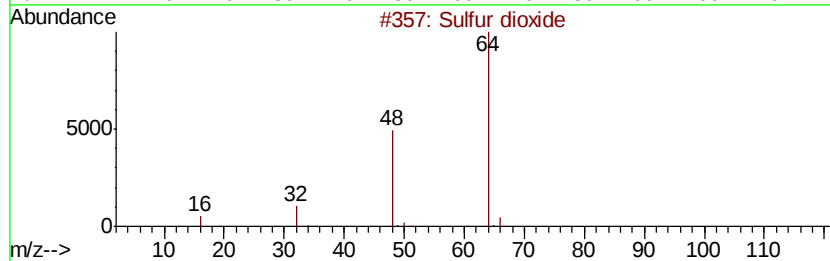
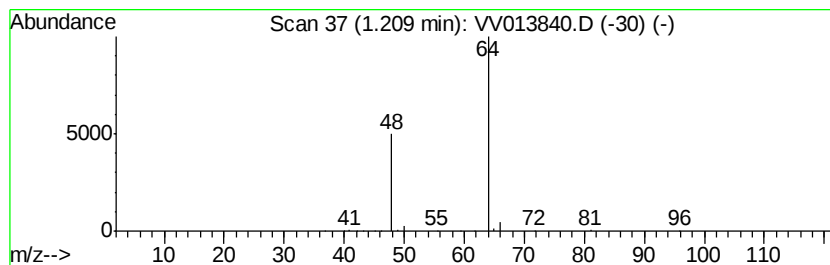
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Sulfur dioxide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	7.75 ug/L	233998	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfur dioxide	64	O2S	007446-09-5	83
2		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3		2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	74
4		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5		L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9



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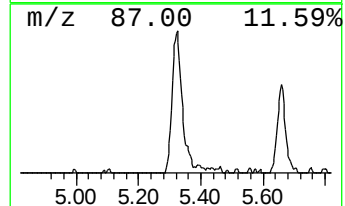
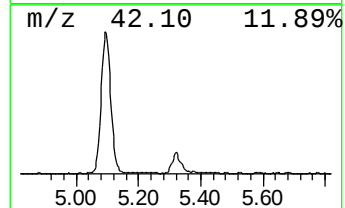
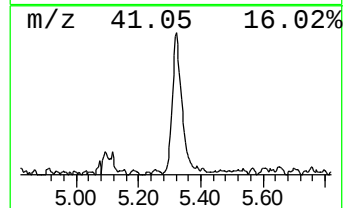
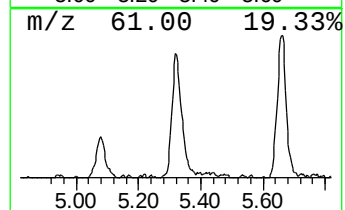
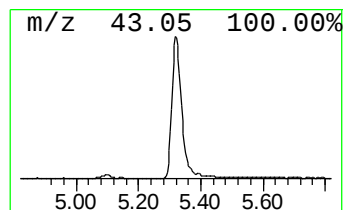
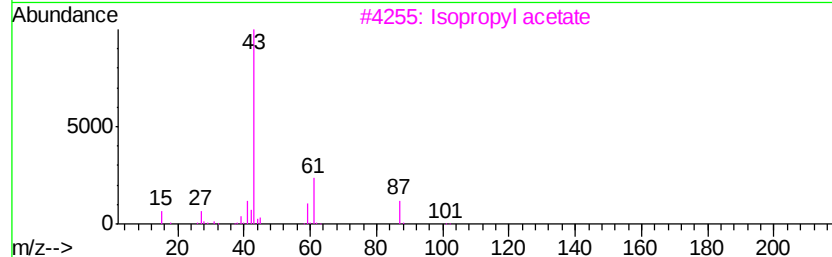
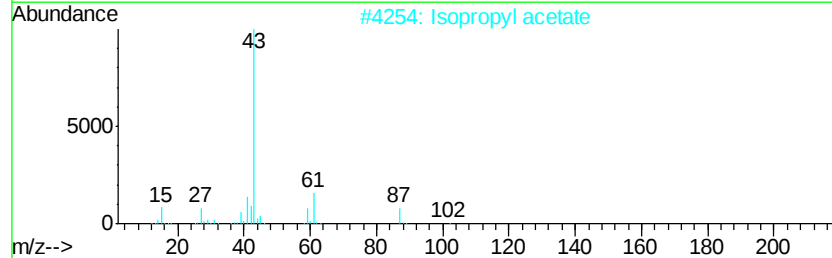
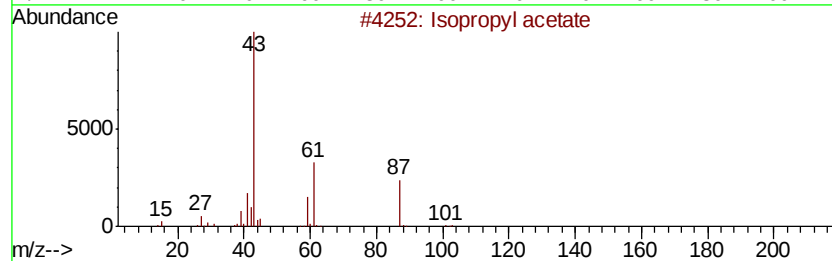
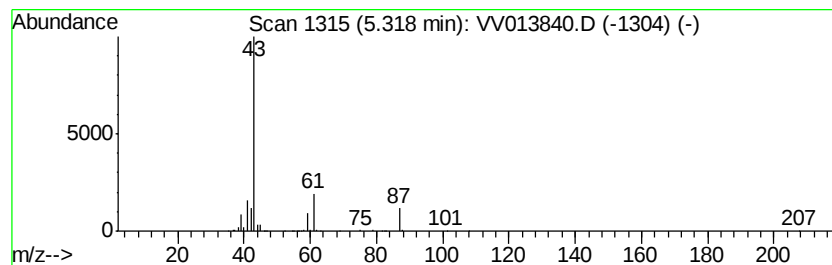
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Isopropyl acetate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	5.72 ug/L	172758	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl acetate	102	C5H10O2	000108-21-4	72
2		Isopropyl acetate	102	C5H10O2	000108-21-4	72
3		Isopropyl acetate	102	C5H10O2	000108-21-4	64
4		Isopropyl acetate	102	C5H10O2	000108-21-4	45
5		Acetaldehyde, O-ethyloxime-	87	C4H9NO	1000288-34-6	9



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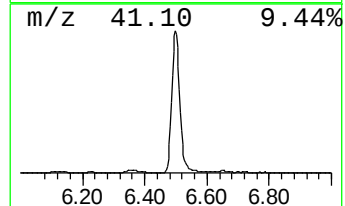
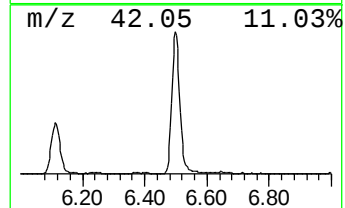
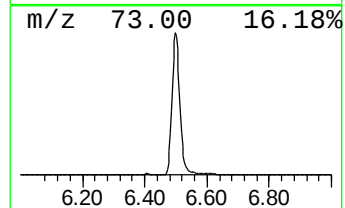
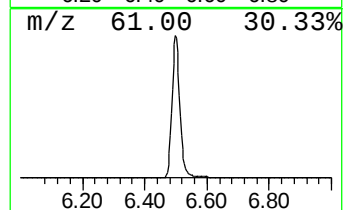
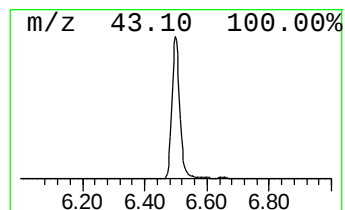
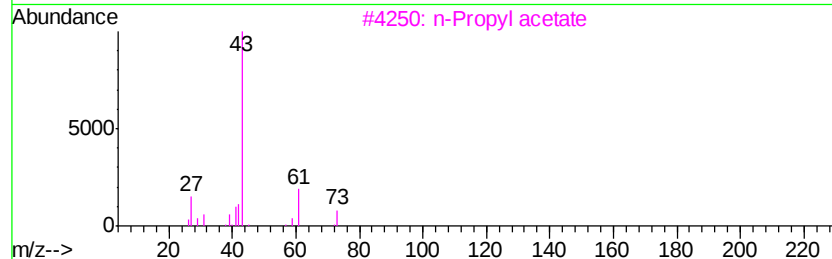
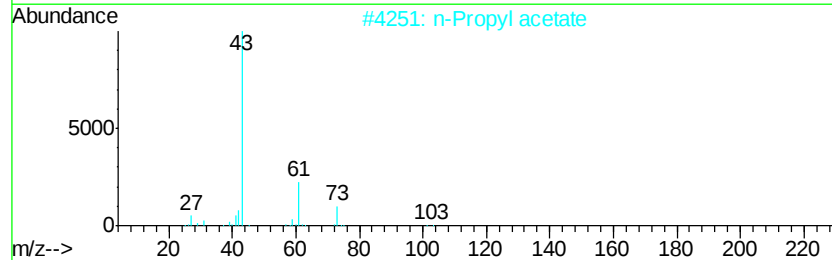
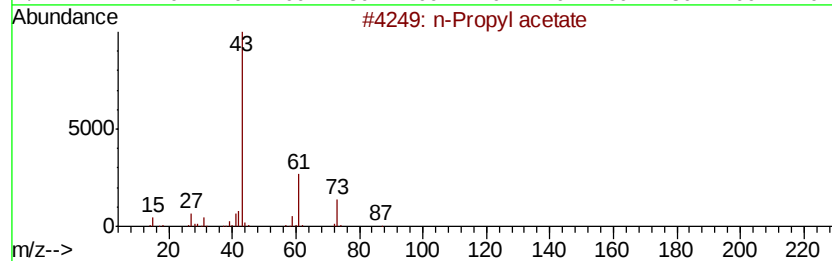
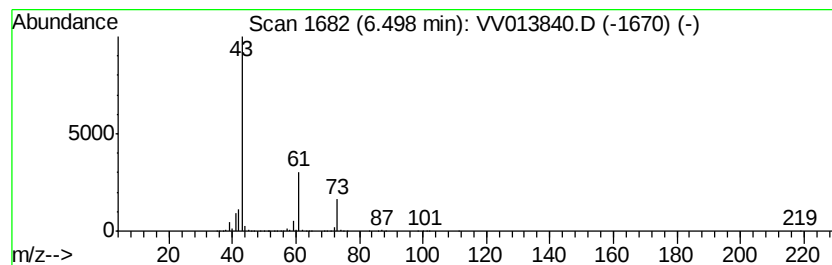
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Propyl acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	113.28 ug/L	3419370	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	45
4		Isopropyl acetate	102	C5H10O2	000108-21-4	36
5		Isobutyl acetate	116	C6H12O2	000110-19-0	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV112919\
Data File : VV013840.D
Acq On : 29 Nov 2019 11:25
Operator : SY/MD
Sample : PB125168TB
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VLEB01

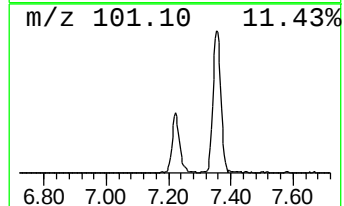
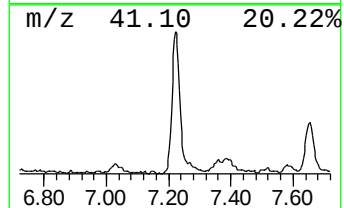
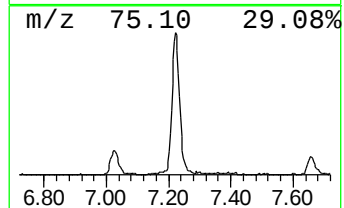
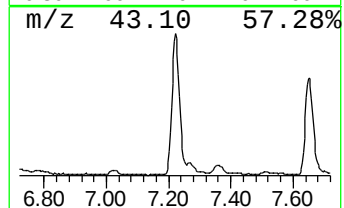
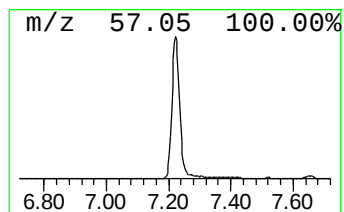
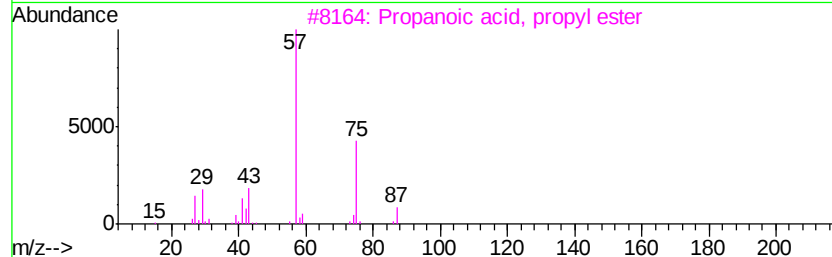
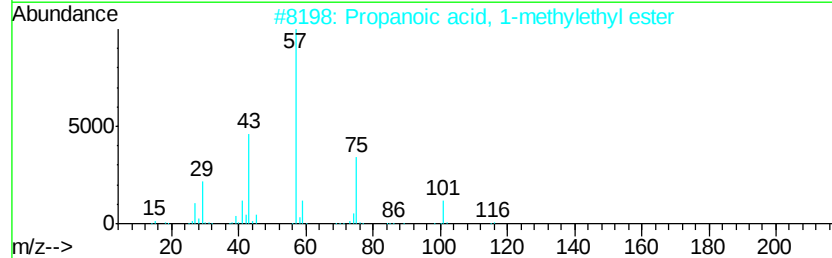
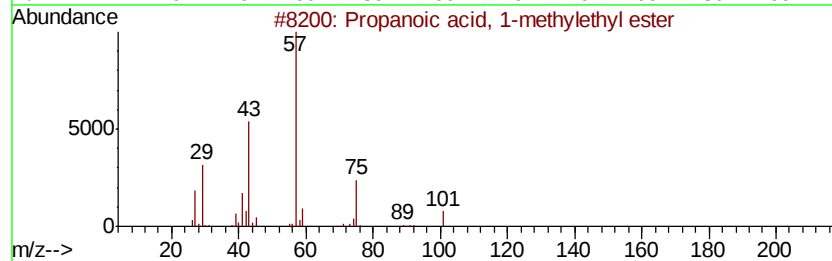
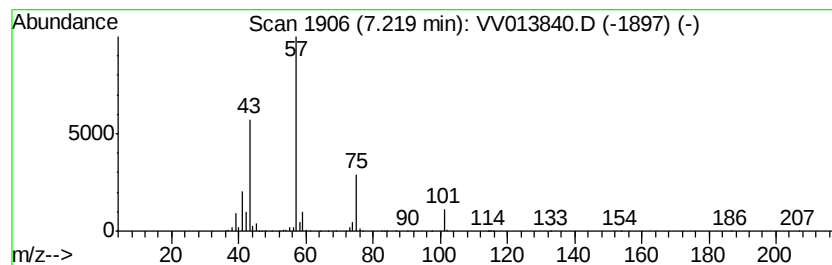
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Propanoic acid, 1-methyleth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	13.24 ug/L	399570	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	83
2		Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	72
3		Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	64
4		Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	64
5		Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV112919\
Data File : VV013840.D
Acq On : 29 Nov 2019 11:25
Operator : SY/MD
Sample : PB125168TB
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VLEB01

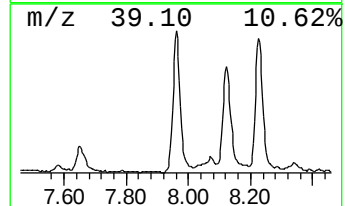
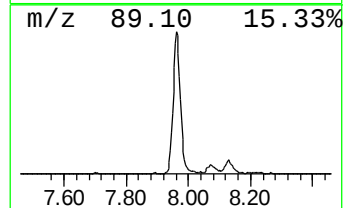
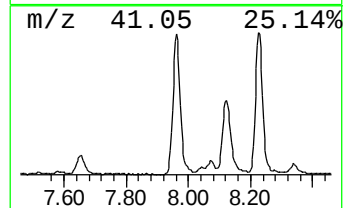
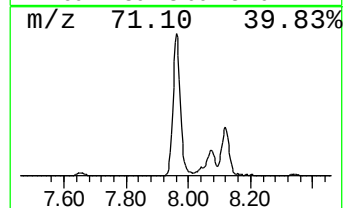
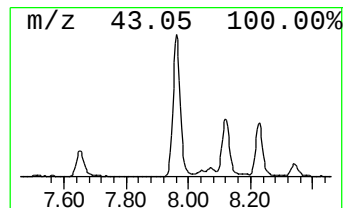
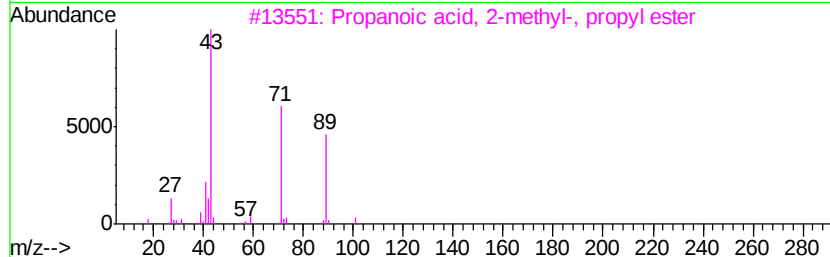
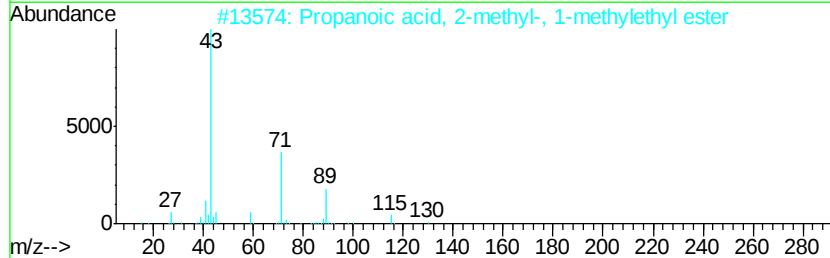
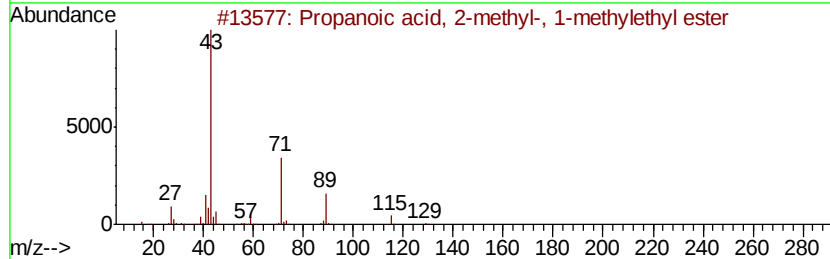
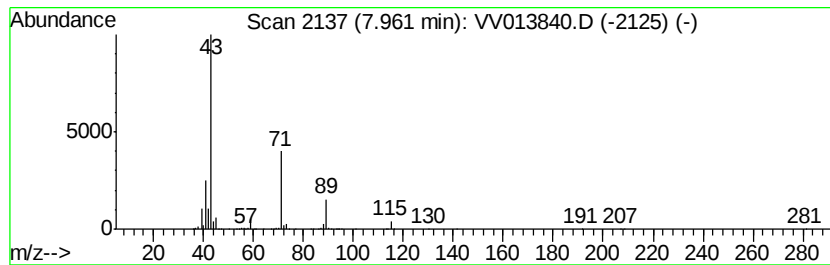
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Propanoic acid, 2-methyl-, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	19.55 ug/L	731299	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	83
2		Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	78
3		Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	72
4		Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64
5		Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV112919\
Data File : VV013840.D
Acq On : 29 Nov 2019 11:25
Operator : SY/MD
Sample : PB125168TB
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VLEB01

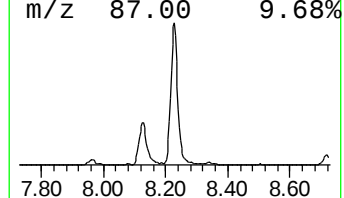
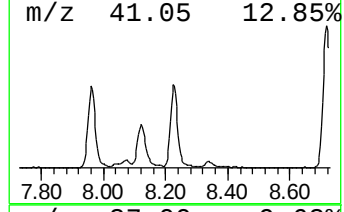
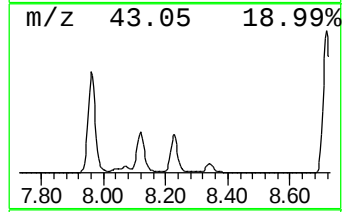
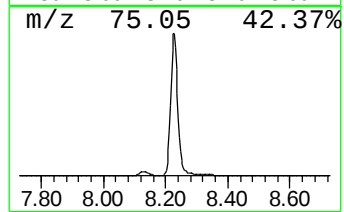
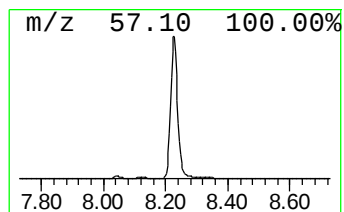
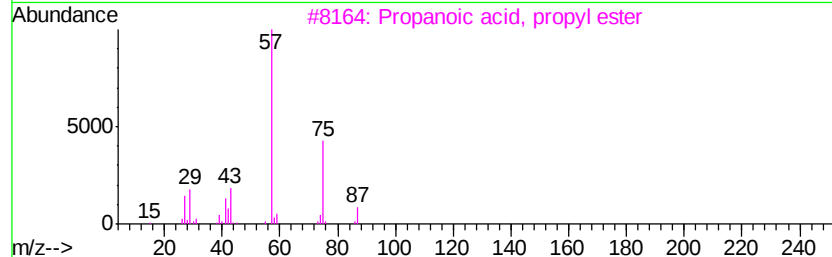
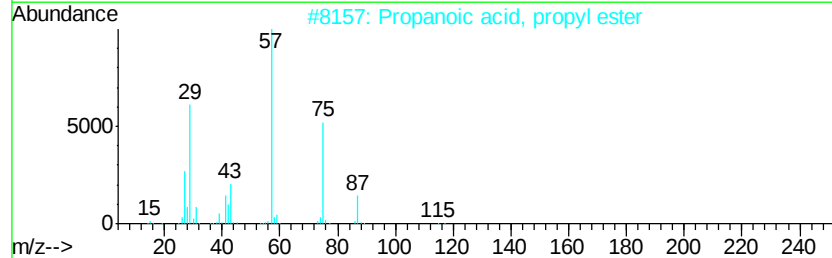
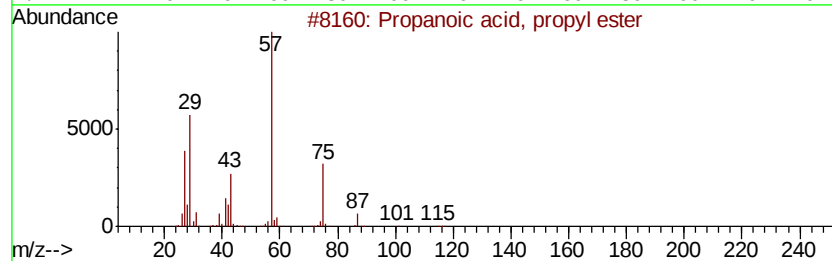
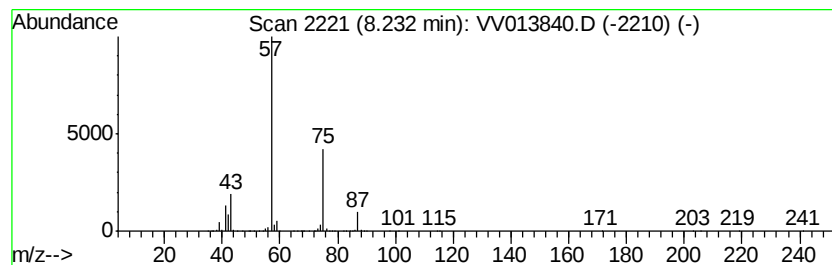
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Propanoic acid, propyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	33.72 ug/L	1261150	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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, butyl ester	130	C7H14O2	000590-01-2	40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV112919\
Data File : VV013840.D
Acq On : 29 Nov 2019 11:25
Operator : SY/MD
Sample : PB125168TB
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VLEB01

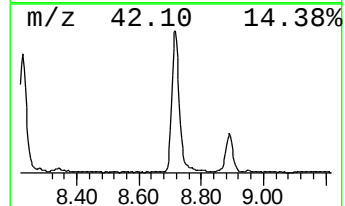
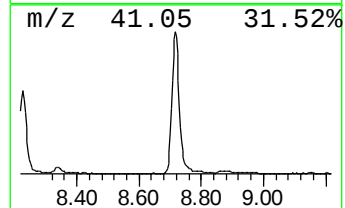
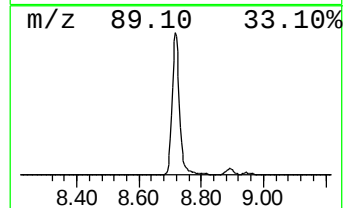
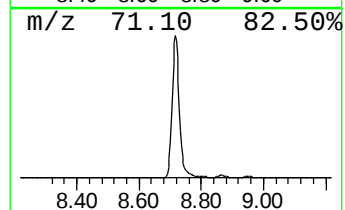
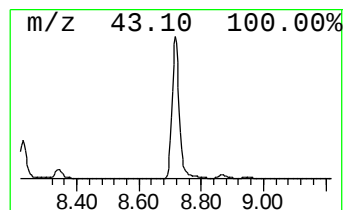
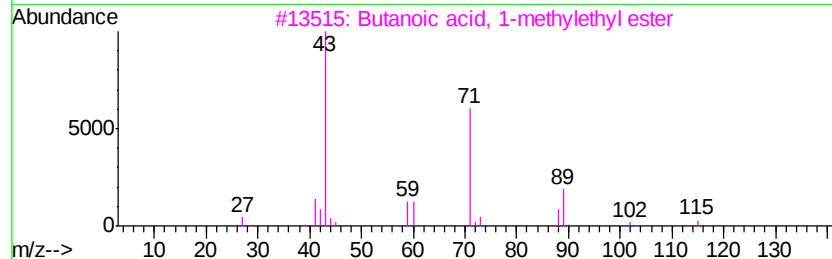
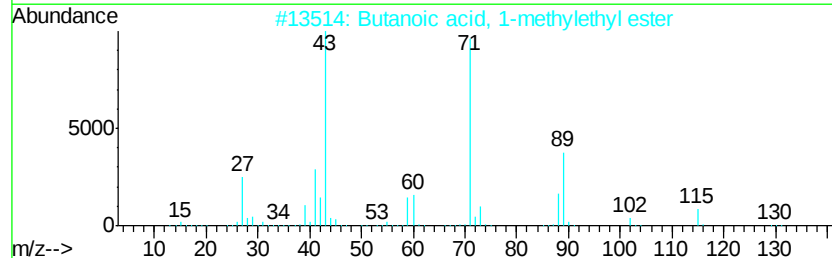
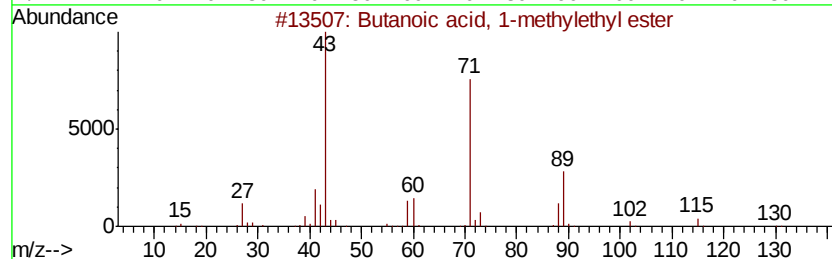
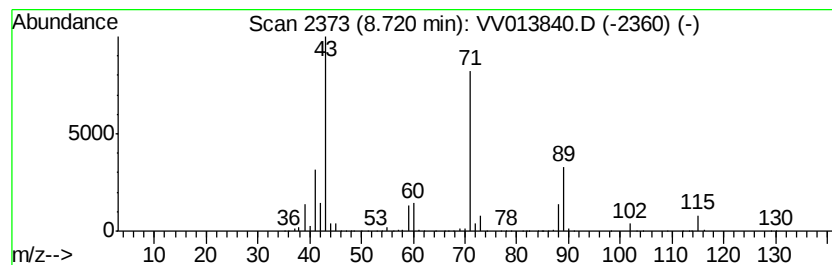
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Butanoic acid, 1-methylethy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	41.71 ug/L	1560140	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	91
2		Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	91
3		Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	83
4		Propanoic acid, 2-methyl-, propyl...	130	C7H14O2	000644-49-5	72
5		Butanoic acid, pentyl ester	158	C9H18O2	000540-18-1	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV112919\
Data File : VV013840.D
Acq On : 29 Nov 2019 11:25
Operator : SY/MD
Sample : PB125168TB
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VLEB01

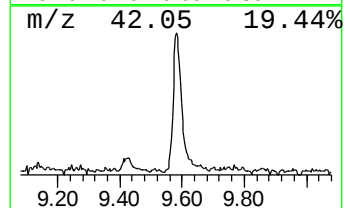
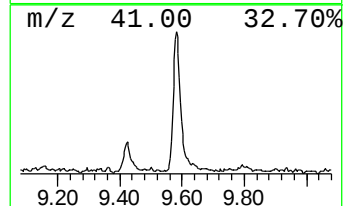
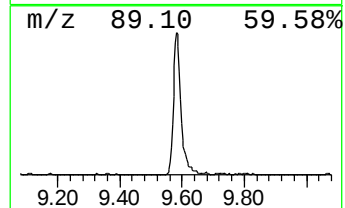
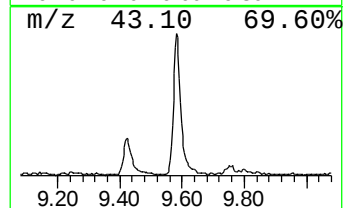
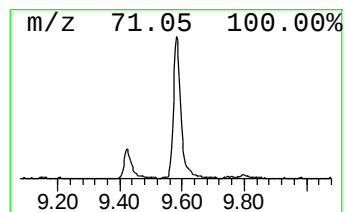
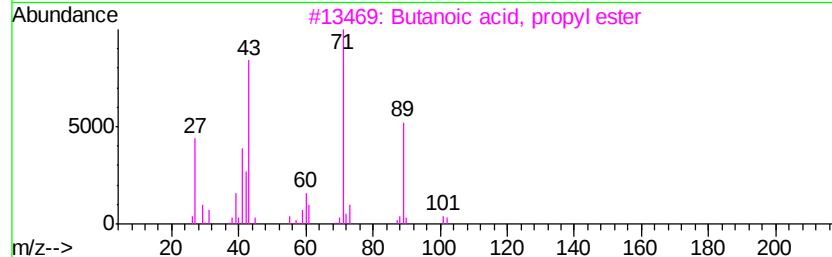
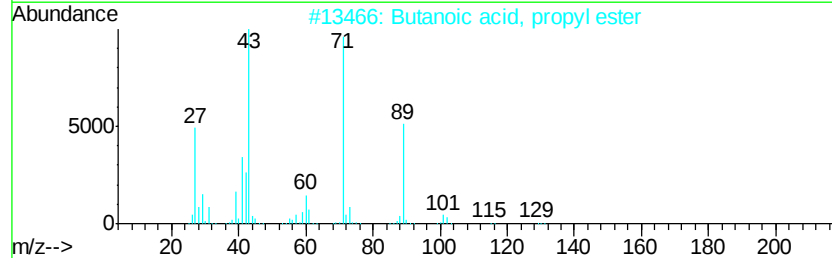
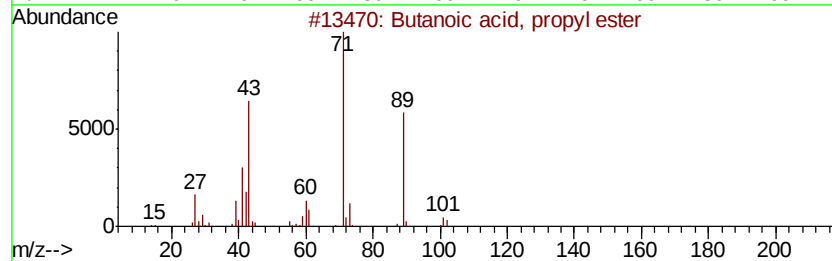
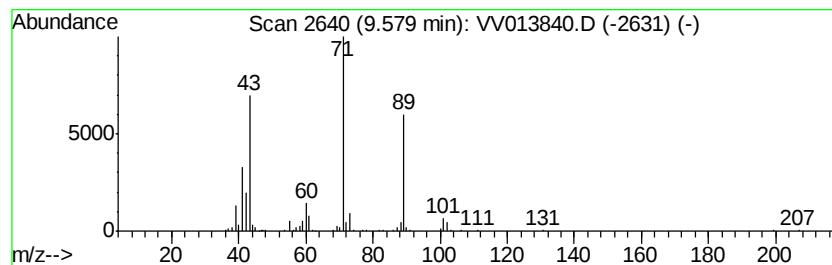
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Butanoic acid, propyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	5.36 ug/L	200498	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	90
2		Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	80
3		Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	80
4		Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	78
5		Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	72



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112919\
Data File : VV013840.D
Acq On : 29 Nov 2019 11:25
Operator : SY/MD
Sample : PB125168TB
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VLEB01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.21	7.8	ug/L	233998	1	5.66	1509270	50.0
Isopropyl acetate	5.32	5.7	ug/L	172758	1	5.66	1509270	50.0
n-Propyl acetate	6.50	113.3	ug/L	3419370	1	5.66	1509270	50.0
Propanoic acid, 1...	7.22	13.2	ug/L	399570	1	5.66	1509270	50.0
Propanoic acid, 2...	7.96	19.6	ug/L	731299	2	8.89	1870270	50.0
Propanoic acid, p...	8.23	33.7	ug/L	1261150	2	8.89	1870270	50.0
Butanoic acid, 1-...	8.72	41.7	ug/L	1560140	2	8.89	1870270	50.0
Butanoic acid, pr...	9.58	5.4	ug/L	200498	2	8.89	1870270	50.0