

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
 Data File : VV020025.D
 Acq On : 15 Jan 2021 15:35
 Operator : SY/MD
 Sample : M1147-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4Y4

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\SOMVLM011121WMA.M

Title : VOC Analysis

Signal : TIC: VV020025.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.110	3	6	13	rVB	37483	29706	2.40%	0.290%
2	1.309	60	68	81	rVB	203660	208950	16.91%	2.039%
3	1.569	144	149	160	rVB	167011	183474	14.85%	1.790%
4	2.109	309	317	336	rVB	324110	491545	39.78%	4.796%
5	2.765	503	521	544	rBV2	95966	197377	15.97%	1.926%
6	2.888	557	559	561	rBV2	452	279	0.02%	0.003%
7	2.939	568	575	577	rBV5	1677	1607	0.13%	0.016%
8	3.045	595	608	630	rVB	354426	695439	56.28%	6.786%
9	3.289	674	684	697	rBV7	4870	10832	0.88%	0.106%
10	3.428	724	727	728	rBV	421	291	0.02%	0.003%
11	3.444	728	732	733	rVV3	536	398	0.03%	0.004%
12	3.470	738	740	746	rVV5	668	603	0.05%	0.006%
13	3.495	746	748	750	rVB3	367	177	0.01%	0.002%
14	3.582	773	775	778	rVB3	615	346	0.03%	0.003%
15	3.598	778	780	782	rBV3	545	312	0.03%	0.003%
16	3.634	790	791	792	rBV	455	142	0.01%	0.001%
17	3.643	792	794	796	rVV	574	331	0.03%	0.003%
18	3.769	817	833	852	rBV2	122583	309735	25.07%	3.022%
19	3.888	861	870	900	rBV2	90510	256595	20.76%	2.504%
20	4.206	968	969	970	rBB	145	56	0.00%	0.001%
21	4.248	978	982	984	rBV4	1014	777	0.06%	0.008%
22	4.283	990	993	996	rVB2	864	426	0.03%	0.004%
23	4.354	1001	1015	1044	rVB	204171	503731	40.76%	4.915%
24	4.572	1081	1083	1085	rBV3	1020	474	0.04%	0.005%
25	4.592	1086	1089	1091	rVB3	563	311	0.03%	0.003%
26	4.836	1163	1165	1168	rBV2	235	138	0.01%	0.001%
27	4.852	1168	1170	1173	rVB2	288	84	0.01%	0.001%
28	4.865	1173	1174	1175	rVB2	354	68	0.01%	0.001%
29	4.916	1179	1190	1203	rVB2	3566	8802	0.71%	0.086%
30	4.968	1203	1206	1208	rVB2	525	260	0.02%	0.003%
31	4.987	1210	1212	1215	rBV4	419	181	0.01%	0.002%
32	5.051	1215	1232	1259	rBV2	477106	1235725	100.00%	12.057%
33	5.421	1346	1347	1349	rBV2	639	250	0.02%	0.002%
34	5.469	1360	1362	1364	rVB2	636	299	0.02%	0.003%
35	5.486	1364	1367	1368	rBV3	1120	578	0.05%	0.006%
36	5.624	1397	1410	1432	rBV	260599	533413	43.17%	5.205%

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 Title : VOC Analysis

37	5.875	1486	1488	1489	rBV	350	184	0.01%	0.002%
38	5.913	1489	1500	1517	rVV3	17425	38018	3.08%	0.371%
39	5.974	1517	1519	1521	rBV3	835	419	0.03%	0.004%
40	6.074	1537	1550	1572	rBV2	275009	567613	45.93%	5.538%
41	6.373	1640	1643	1645	rBV2	1037	688	0.06%	0.007%
42	6.437	1660	1663	1664	rBV2	964	481	0.04%	0.005%
43	6.453	1665	1668	1671	rBV5	1358	1205	0.10%	0.012%
44	6.508	1683	1685	1688	rVB4	590	211	0.02%	0.002%
45	6.524	1688	1690	1694	rVB2	811	468	0.04%	0.005%
46	6.550	1694	1698	1702	rVB4	545	442	0.04%	0.004%
47	6.576	1702	1706	1711	rBV5	424	483	0.04%	0.005%
48	6.611	1715	1717	1718	rBV2	730	235	0.02%	0.002%
49	6.733	1751	1755	1756	rBV2	567	468	0.04%	0.005%
50	6.781	1756	1770	1780	rVV4	12560	26915	2.18%	0.263%
51	6.881	1799	1801	1803	rBV3	768	442	0.04%	0.004%
52	6.990	1827	1835	1855	rVB	140192	246766	19.97%	2.408%
53	7.267	1913	1921	1927	rBV4	12172	19741	1.60%	0.193%
54	7.321	1927	1938	1959	rVB	536780	913934	73.96%	8.918%
55	7.627	2024	2033	2053	rBV	99785	169984	13.76%	1.659%
56	7.842	2095	2100	2103	rBV5	1529	1459	0.12%	0.014%
57	8.032	2156	2159	2160	rBV2	782	413	0.03%	0.004%
58	8.042	2160	2162	2164	rBV2	486	213	0.02%	0.002%
59	8.093	2168	2178	2208	rBV2	279920	585996	47.42%	5.718%
60	8.858	2405	2416	2440	rBV	419537	684701	55.41%	6.681%
61	10.222	2829	2840	2858	rBV2	352814	558890	45.23%	5.453%
62	11.164	3123	3133	3139	rBV10	3603	7386	0.60%	0.072%
63	11.254	3151	3161	3181	rBV	448713	702575	56.86%	6.855%
64	11.633	3268	3279	3301	rVB	600246	951531	77.00%	9.284%
65	11.726	3305	3308	3311	rBV5	1728	1247	0.10%	0.012%
66	11.916	3362	3367	3370	rBV5	5138	5301	0.43%	0.052%
67	12.025	3392	3401	3409	rBV3	9642	14883	1.20%	0.145%
68	12.090	3417	3421	3424	rBV5	1197	1214	0.10%	0.012%
69	12.353	3497	3503	3506	rBV5	1833	2016	0.16%	0.020%
70	12.472	3533	3540	3550	rVB3	9293	14207	1.15%	0.139%
71	12.527	3556	3557	3560	rBV2	547	225	0.02%	0.002%
72	12.556	3560	3566	3574	rBV6	5096	8002	0.65%	0.078%
73	12.675	3595	3603	3604	rBV5	3030	2654	0.21%	0.026%
74	12.804	3637	3643	3649	rBV10	2212	3517	0.28%	0.034%
75	13.009	3700	3707	3713	rBV6	2891	3897	0.32%	0.038%
76	13.138	3745	3747	3750	rVB2	742	353	0.03%	0.003%

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77	13.151	3750	3751	3752	rBV2	472	149	0.01%	0.001%
78	13.173	3752	3758	3765	rBV10	2947	4015	0.32%	0.039%
79	13.225	3765	3774	3782	rVB6	4263	6530	0.53%	0.064%
80	13.279	3783	3791	3796	rBV8	6973	9771	0.79%	0.095%
81	13.614	3892	3895	3897	rBV3	1049	655	0.05%	0.006%
82	13.646	3904	3905	3906	rBV3	1117	392	0.03%	0.004%
83	13.681	3914	3916	3917	rBV	411	165	0.01%	0.002%
84	13.714	3922	3926	3927	rBV3	2086	1272	0.10%	0.012%
85	13.861	3969	3972	3974	rBV4	1068	735	0.06%	0.007%
86	13.910	3984	3987	3988	rBV3	1649	885	0.07%	0.009%
87	14.096	4038	4045	4048	rBV6	3180	3727	0.30%	0.036%
88	14.315	4105	4113	4121	rVB6	2542	3786	0.31%	0.037%
89	14.373	4126	4131	4132	rBV4	850	551	0.04%	0.005%
90	14.427	4142	4148	4149	rBV5	799	845	0.07%	0.008%
91	14.469	4159	4161	4164	rBV5	667	338	0.03%	0.003%
92	14.614	4204	4206	4207	rBV	725	274	0.02%	0.003%
93	15.173	4378	4380	4382	rBV3	799	287	0.02%	0.003%
94	15.321	4424	4426	4430	rVB3	1105	651	0.05%	0.006%
95	15.353	4434	4436	4439	rBV2	896	494	0.04%	0.005%

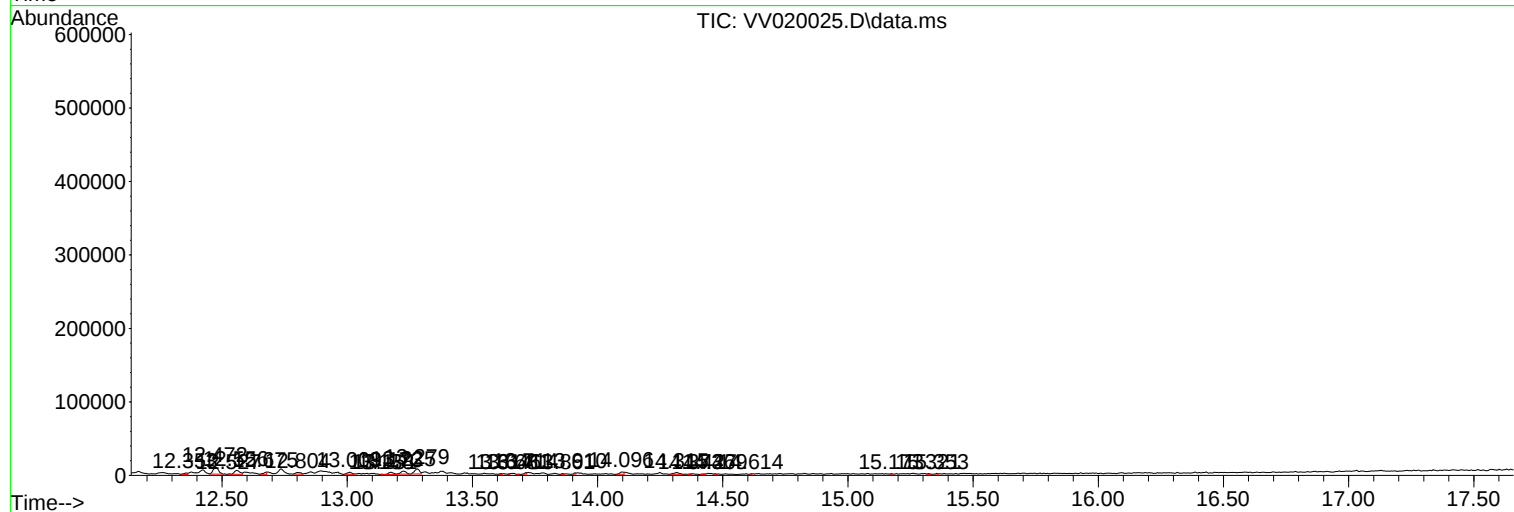
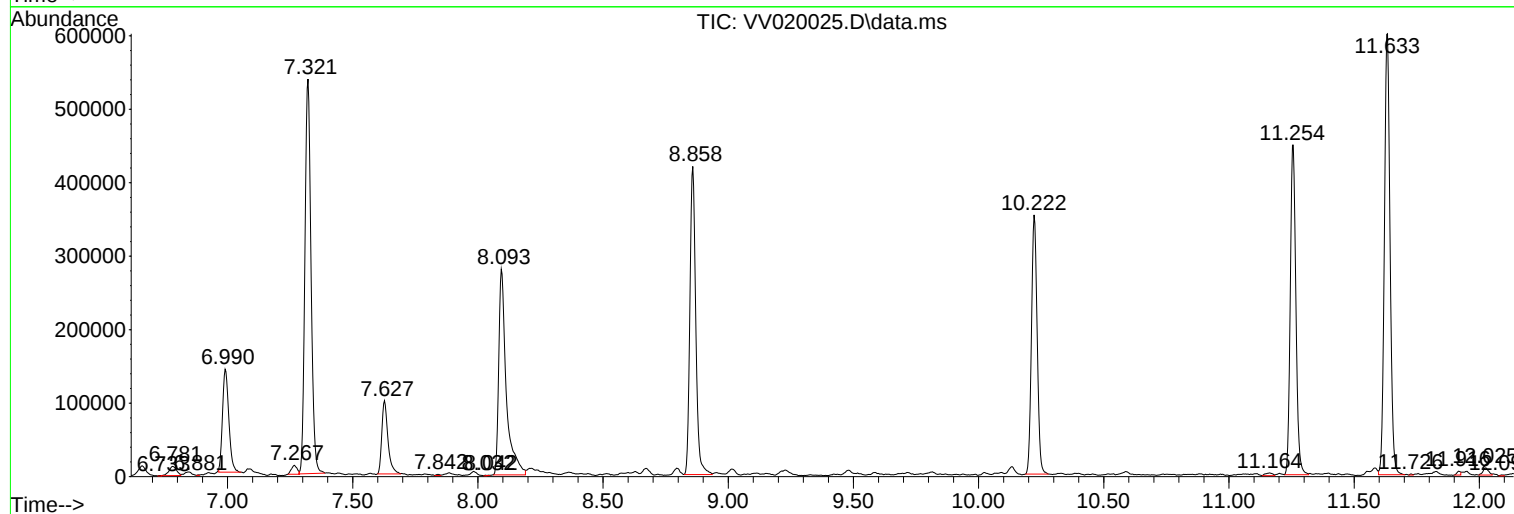
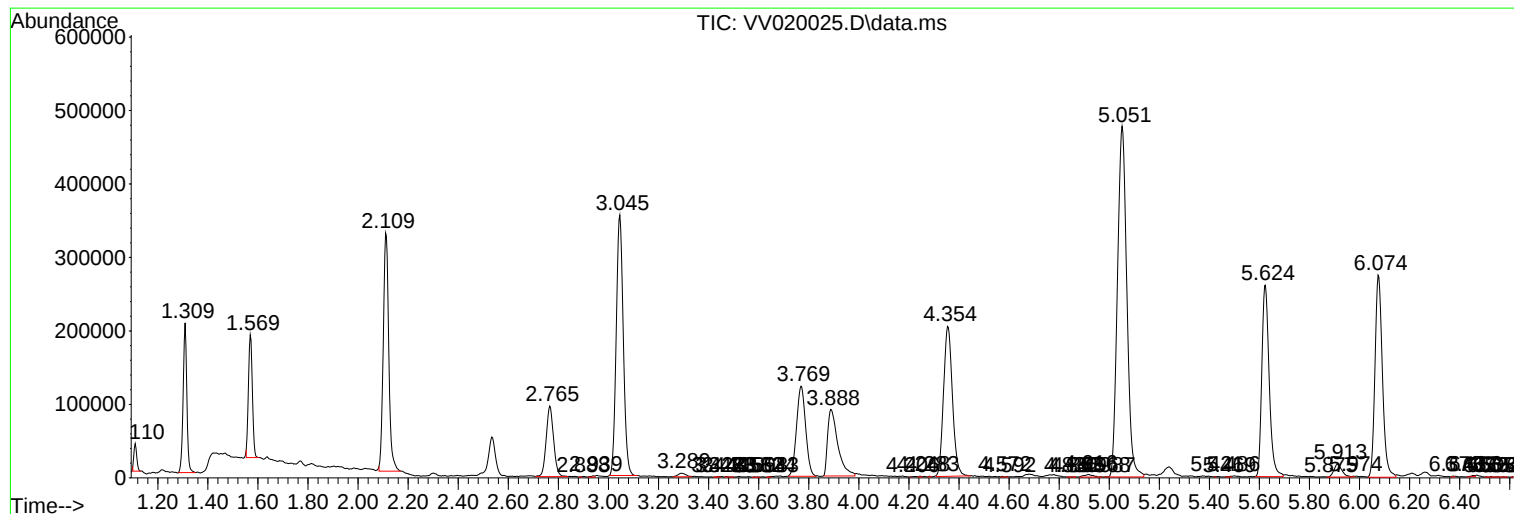
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

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



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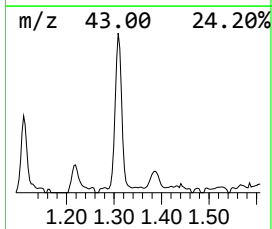
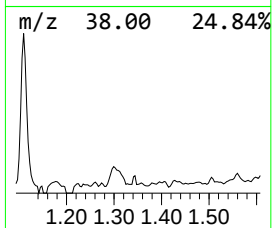
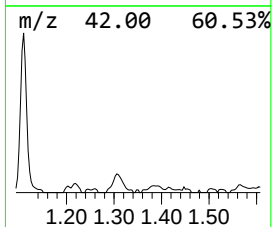
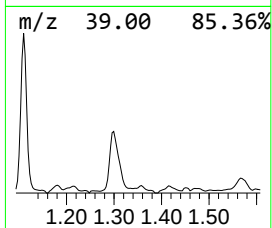
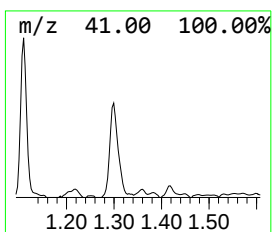
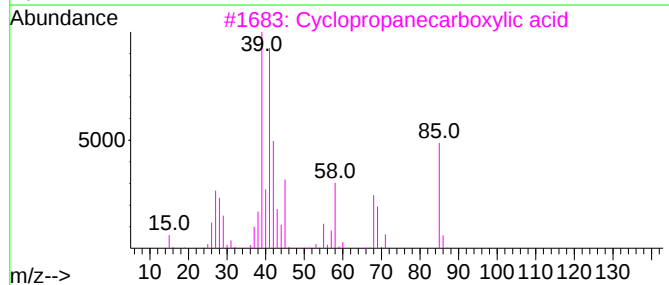
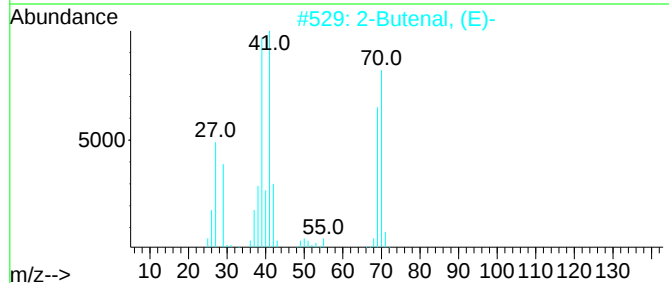
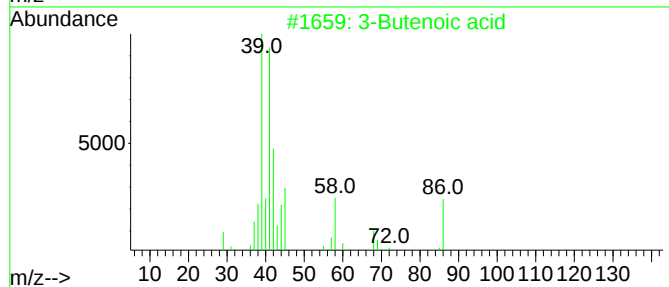
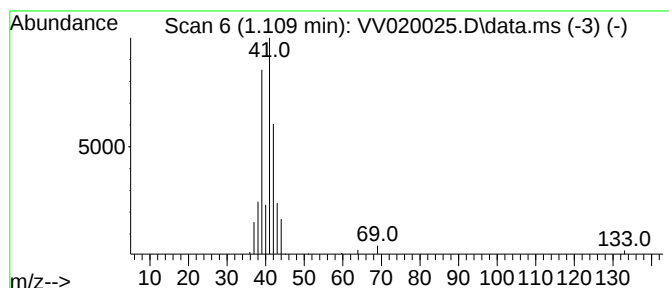
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 3-Butenoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.109	2.78 ug/L	29706	1,4-Difluorobenzene	5.624

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Butenoic acid	86	C4H6O2	000625-38-7	83
2			2-Butenal, (E)-	70	C4H6O	000123-73-9	78
3			Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	72
4			Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	64
5			2-Butenal	70	C4H6O	004170-30-3	64



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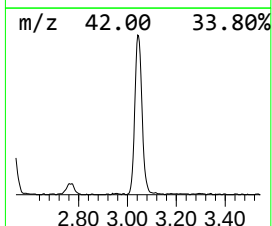
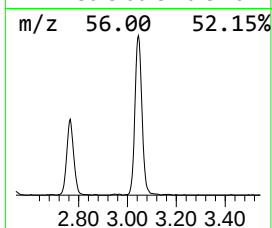
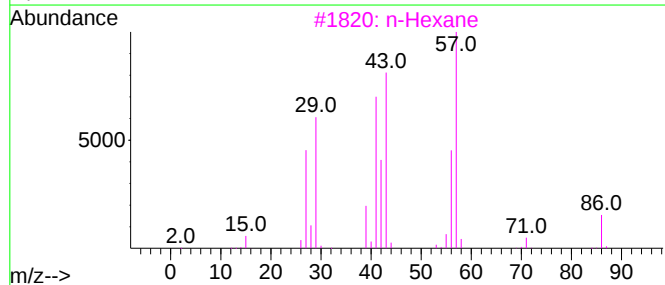
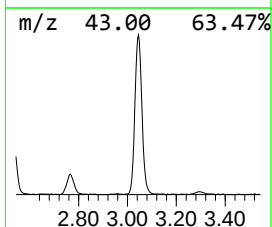
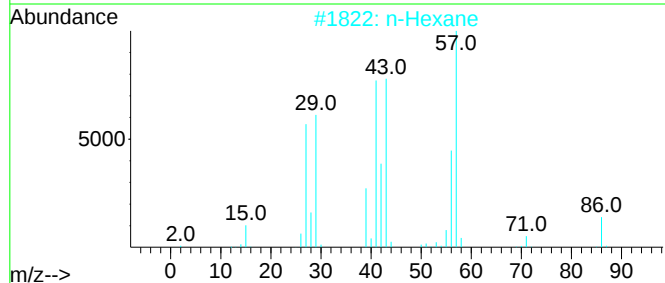
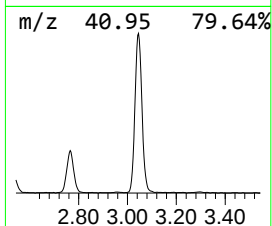
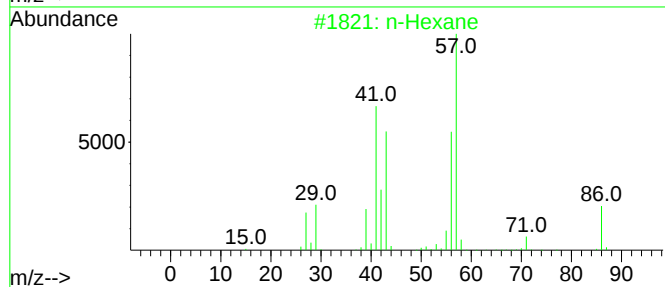
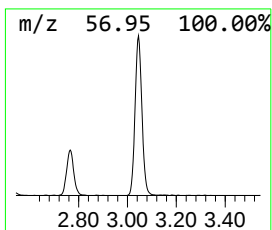
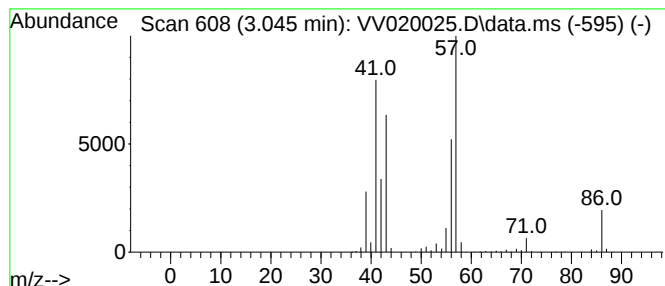
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.045	65.19 ug/L	695439	1,4-Difluorobenzene	5.624

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane		86	C6H14	000110-54-3	94
2	n-Hexane		86	C6H14	000110-54-3	72
3	n-Hexane		86	C6H14	000110-54-3	64
4	Furan, tetrahydro-3-methyl-		86	C5H10O	013423-15-9	50
5	Butanal, 2-methyl-		86	C5H10O	000096-17-3	43



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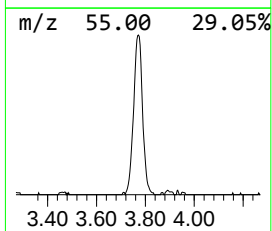
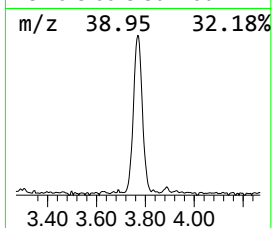
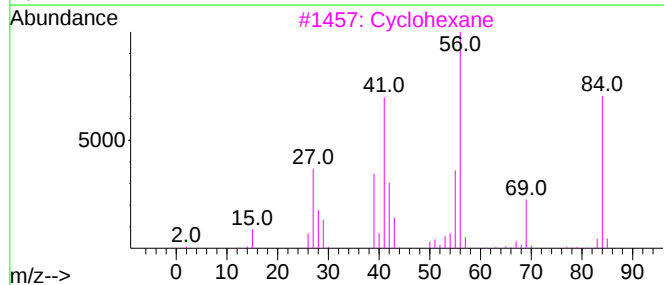
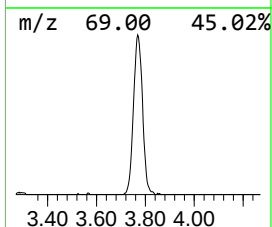
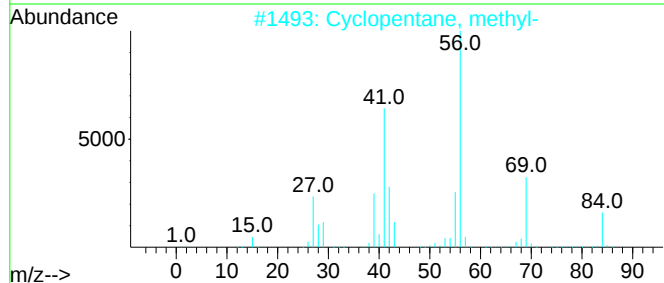
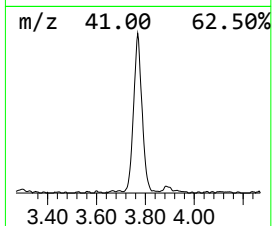
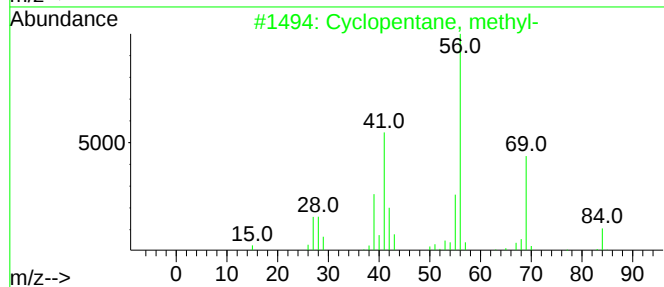
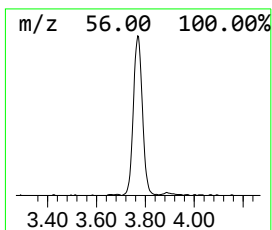
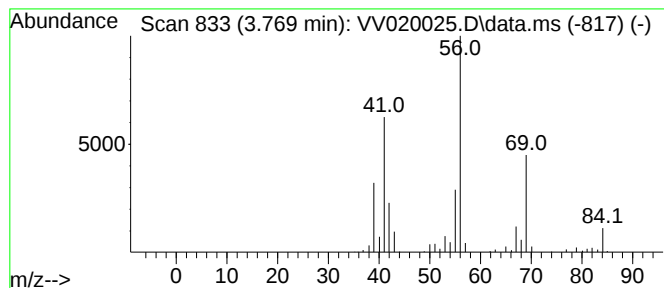
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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic3.769 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.769	29.03 ug/L	309735	1,4-Difluorobenzene	5.624

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2			Cyclopentane, methyl-	84	C6H12	000096-37-7	80
3			Cyclohexane	84	C6H12	000110-82-7	80
4			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
5			Cyclopentane, methyl-	84	C6H12	000096-37-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020025.D
Acq On : 15 Jan 2021 15:35
Operator : SY/MD
Sample : M1147-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y4

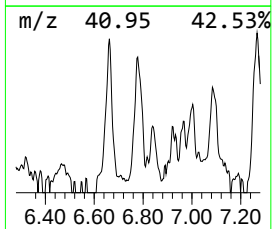
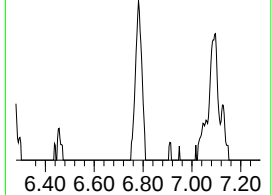
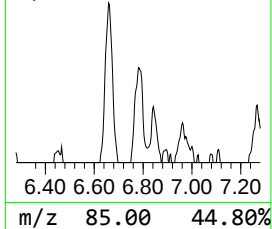
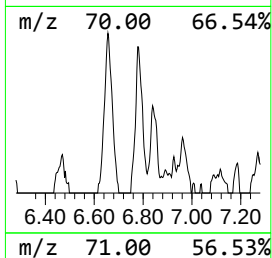
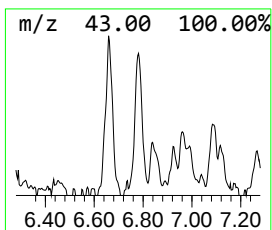
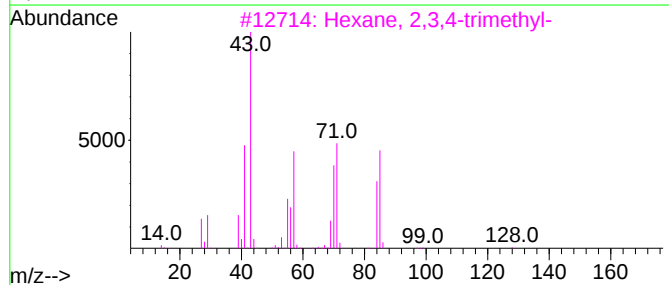
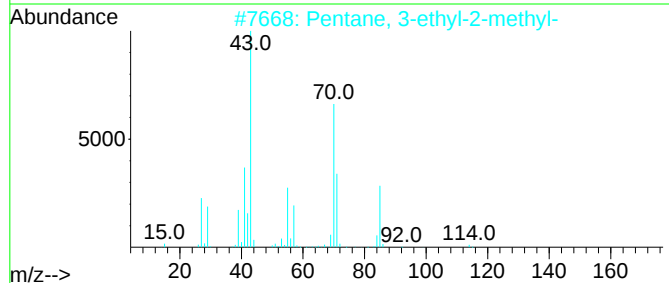
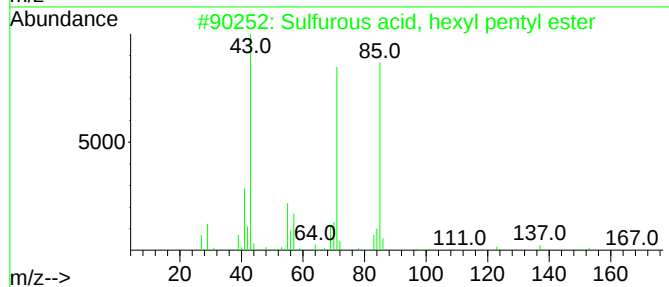
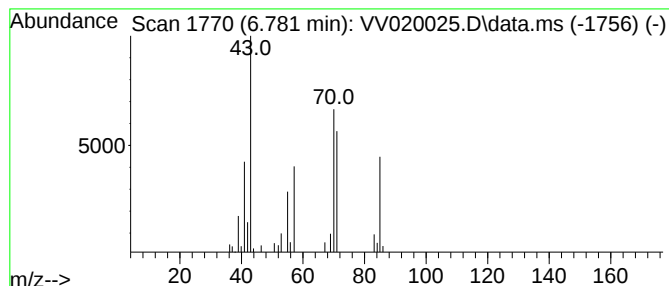
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Quant Title : VOC Analysis

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

Peak Number 5 Sulfurous acid, hexyl penty... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.781	2.52 ug/L	26915	1,4-Difluorobenzene	5.624

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	50
2			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	50
3			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	42
4			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	40
5			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011521\
Data File : VW020025.D
Acq On : 15 Jan 2021 15:35
Operator : SY/MD
Sample : M1147-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.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
3-Butenoic acid	1.109	2.8	ug/L	29706	1	5.624	533413	50.0
(DEL) Alkane: S...	3.045	65.2	ug/L	695439	1	5.624	533413	50.0
(DEL) Alkane: C...	3.769	29.0	ug/L	309735	1	5.624	533413	50.0
Sulfurous acid,...	6.781	2.5	ug/L	26915	1	5.624	533413	50.0