

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082518\
 Data File : VV007200.D
 Acq On : 25 Aug 2018 13:38
 Operator : SY/MD
 Sample : J4622-05
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBJ7

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\SOMVLM082418WMA.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	1.029	26	43	66	rBV	6258844	7979589	100.00%	22.556%
2	1.119	67	71	96	rVB2	48739	96153	1.20%	0.272%
3	1.321	124	134	149	rBV2	598702	688680	8.63%	1.947%
4	1.395	151	157	166	rVB	99615	107807	1.35%	0.305%
5	1.479	178	183	192	rVB	20588	24048	0.30%	0.068%
6	1.585	208	216	231	rVB	284705	333468	4.18%	0.943%
7	1.775	270	275	284	rVB6	7790	10747	0.13%	0.030%
8	1.826	285	291	301	rVB2	12726	16233	0.20%	0.046%
9	1.926	315	322	330	rBV10	5261	9347	0.12%	0.026%
10	2.064	357	365	374	rVB7	14048	23890	0.30%	0.068%
11	2.135	375	387	397	rBV	607046	877198	10.99%	2.480%
12	2.199	397	407	433	rVB	464863	867854	10.88%	2.453%
13	2.324	433	446	471	rBV	421504	1068474	13.39%	3.020%
14	2.990	650	653	654	rBV3	2752	1647	0.02%	0.005%
15	3.144	699	701	706	rVB5	1613	1161	0.01%	0.003%
16	3.167	706	708	710	rBV3	1423	877	0.01%	0.002%
17	3.209	719	721	724	rVB4	1954	905	0.01%	0.003%
18	3.447	787	795	799	rBV6	2064	3048	0.04%	0.009%
19	3.762	882	893	912	rBV4	10457	26078	0.33%	0.074%
20	3.865	914	925	936	rBV8	6079	13343	0.17%	0.038%
21	3.964	936	956	968	rBV3	387443	1064393	13.34%	3.009%
22	4.041	968	980	1025	rVB	647251	1836530	23.02%	5.191%
23	4.401	1068	1092	1126	rBV3	639916	2429297	30.44%	6.867%
24	4.726	1191	1193	1196	rVB3	2193	1239	0.02%	0.004%
25	4.958	1262	1265	1268	rBV2	1173	799	0.01%	0.002%
26	4.983	1268	1273	1274	rBV2	1674	1381	0.02%	0.004%
27	5.102	1290	1310	1333	rBV2	1126948	2711234	33.98%	7.664%
28	5.395	1399	1401	1406	rVB3	1410	1166	0.01%	0.003%
29	5.424	1406	1410	1413	rBV5	1080	789	0.01%	0.002%
30	5.475	1424	1426	1431	rVB4	1215	858	0.01%	0.002%
31	5.594	1451	1463	1473	rBV2	23123	49675	0.62%	0.140%
32	5.672	1473	1487	1516	rVV	759632	1512552	18.96%	4.276%
33	5.964	1563	1578	1604	rVB3	65691	150659	1.89%	0.426%
34	6.125	1613	1628	1647	rBV	609177	1276536	16.00%	3.608%

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 Title : VOC Analysis

35	6.241	1655	1664	1688	rVB	59535	142831	1.79%	0.404%
36	6.395	1705	1712	1727	rVB2	25667	50323	0.63%	0.142%
37	6.646	1780	1790	1801	rVB8	7498	15544	0.19%	0.044%
38	7.035	1899	1911	1932	rBV2	305726	548187	6.87%	1.550%
39	7.138	1932	1943	1956	rVB2	35187	66590	0.83%	0.188%
40	7.289	1977	1990	2000	rBV3	24894	51597	0.65%	0.146%
41	7.366	2001	2014	2027	rBV	1145373	1984672	24.87%	5.610%
42	7.527	2056	2064	2076	rVB	25953	42949	0.54%	0.121%
43	7.668	2096	2108	2127	rBV	222849	380763	4.77%	1.076%
44	7.990	2202	2208	2213	rVB7	1871	2220	0.03%	0.006%
45	8.057	2224	2229	2241	rVB8	3454	5626	0.07%	0.016%
46	8.144	2242	2256	2296	rBV4	592023	1531972	19.20%	4.330%
47	8.758	2433	2447	2468	rBV2	73024	135974	1.70%	0.384%
48	8.900	2477	2491	2516	rBV	1138088	1927267	24.15%	5.448%
49	9.118	2556	2559	2564	rVB6	2666	2407	0.03%	0.007%
50	9.253	2596	2601	2604	rVV6	1469	1443	0.02%	0.004%
51	9.334	2616	2626	2635	rBV9	4402	7753	0.10%	0.022%
52	9.482	2668	2672	2676	rVB5	1826	1768	0.02%	0.005%
53	9.601	2702	2709	2717	rVB9	3292	5311	0.07%	0.015%
54	9.646	2717	2723	2725	rBV4	1935	1831	0.02%	0.005%
55	9.713	2740	2744	2746	rBV4	1310	955	0.01%	0.003%
56	9.752	2748	2756	2764	rVV7	2928	4946	0.06%	0.014%
57	9.861	2781	2790	2798	rBV10	4435	9156	0.11%	0.026%
58	9.967	2815	2823	2833	rBV8	3342	6073	0.08%	0.017%
59	10.064	2842	2853	2868	rBV	78218	127458	1.60%	0.360%
60	10.173	2885	2887	2891	rVB5	1437	930	0.01%	0.003%
61	10.195	2891	2894	2901	rVB6	1259	1075	0.01%	0.003%
62	10.266	2901	2916	2941	rBV	887405	1436327	18.00%	4.060%
63	10.498	2981	2988	2992	rBV7	1355	1731	0.02%	0.005%
64	10.610	3018	3023	3024	rBV4	2467	1938	0.02%	0.005%
65	10.732	3057	3061	3068	rVV10	2440	3186	0.04%	0.009%
66	10.845	3090	3096	3098	rBV7	1265	1596	0.02%	0.005%
67	10.912	3112	3117	3120	rBV7	1119	1349	0.02%	0.004%
68	11.102	3167	3176	3186	rVV6	4931	10096	0.13%	0.029%
69	11.195	3199	3205	3206	rBV6	2369	2087	0.03%	0.006%
70	11.302	3225	3238	3262	rBV	988324	1675044	20.99%	4.735%
71	11.485	3293	3295	3301	rVB6	1327	1118	0.01%	0.003%

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72	11.536	3301	3311	3321	rBV3	12128	26988	0.34%	0.076%
73	11.594	3322	3329	3341	rVV4	8526	16163	0.20%	0.046%
74	11.678	3341	3355	3380	rVV	1110816	1832369	22.96%	5.180%
75	11.848	3397	3408	3421	rVV	45187	84353	1.06%	0.238%
76	11.974	3444	3447	3448	rBV2	1511	882	0.01%	0.002%
77	12.028	3462	3464	3470	rVB6	1804	1841	0.02%	0.005%
78	12.170	3504	3508	3512	rVB6	1010	862	0.01%	0.002%
79	12.289	3540	3545	3550	rBV6	2301	2442	0.03%	0.007%
80	12.395	3574	3578	3579	rBV3	1443	948	0.01%	0.003%
81	12.404	3579	3581	3588	rVB7	1316	1457	0.02%	0.004%
82	12.700	3670	3673	3680	rVV7	1582	1674	0.02%	0.005%
83	12.883	3726	3730	3739	rVB9	2163	2881	0.04%	0.008%
84	12.925	3739	3743	3748	rBV6	1086	1124	0.01%	0.003%
85	12.990	3759	3763	3770	rBV8	790	813	0.01%	0.002%
86	13.318	3858	3865	3874	rBV9	3836	6388	0.08%	0.018%
87	13.391	3883	3888	3889	rBV5	1201	952	0.01%	0.003%
88	13.555	3934	3939	3943	rBV8	1818	2100	0.03%	0.006%
89	13.719	3985	3990	3994	rBV6	1201	1042	0.01%	0.003%
90	13.761	3999	4003	4005	rBV4	1055	876	0.01%	0.002%
91	13.800	4010	4015	4018	rBV6	1427	1371	0.02%	0.004%
92	13.954	4057	4063	4066	rBV6	1384	1548	0.02%	0.004%
93	14.076	4095	4101	4105	rBV7	1124	1366	0.02%	0.004%
94	14.170	4128	4130	4135	rVV4	1232	949	0.01%	0.003%
95	14.289	4165	4167	4172	rVB5	1300	915	0.01%	0.003%
96	14.324	4175	4178	4181	rBV5	1482	909	0.01%	0.003%
97	14.649	4276	4279	4281	rBV3	1476	1090	0.01%	0.003%
98	14.771	4314	4317	4322	rBV6	1300	956	0.01%	0.003%
99	14.880	4347	4351	4353	rBV5	942	885	0.01%	0.003%
100	14.944	4368	4371	4374	rBV5	1812	1097	0.01%	0.003%

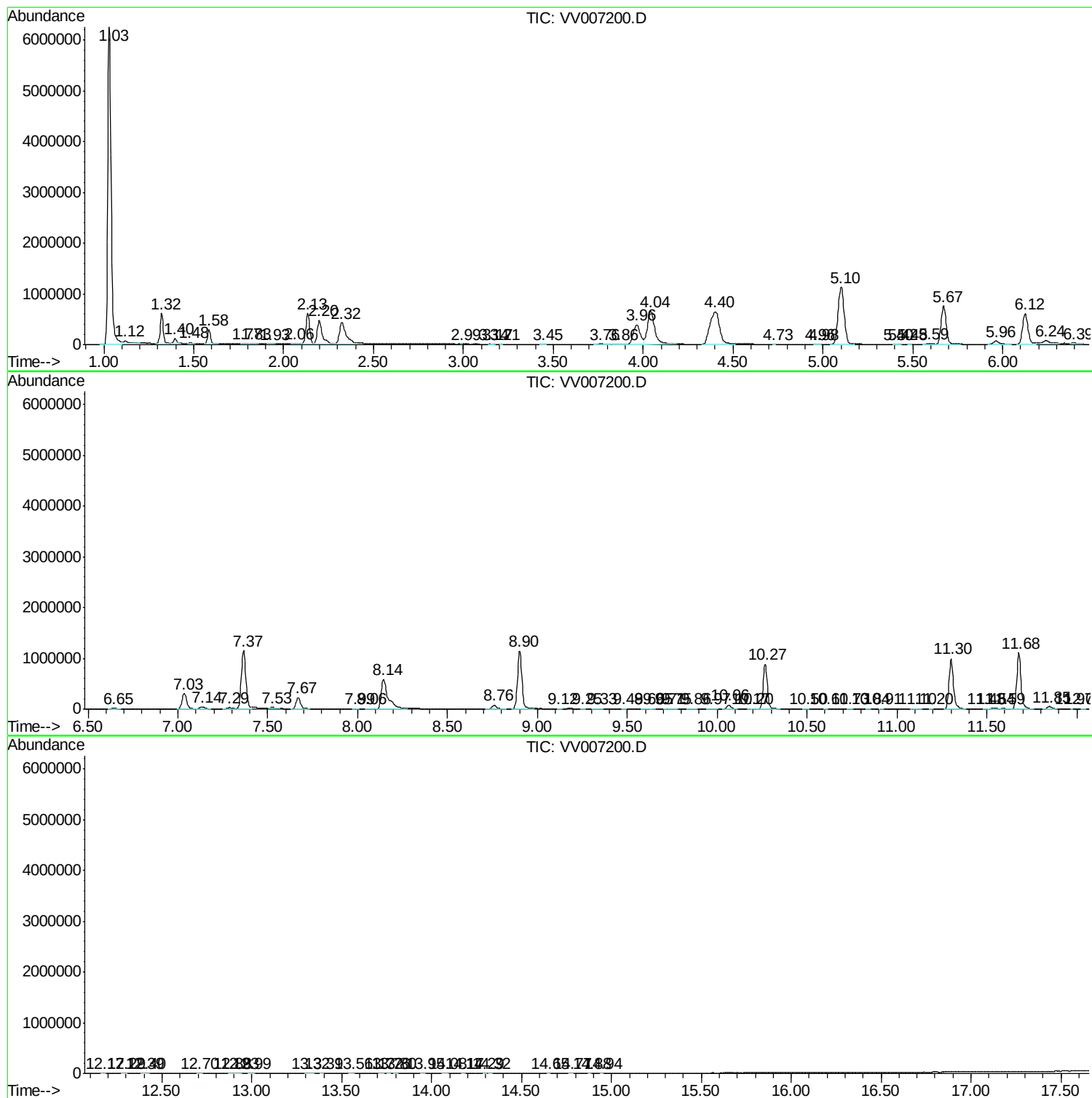
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082418WMA.M
Quant Title : VOC Analysis

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



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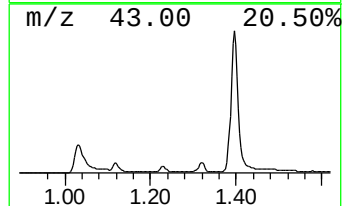
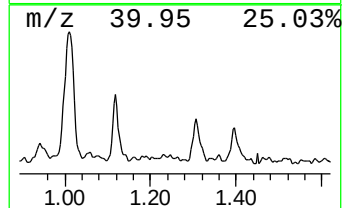
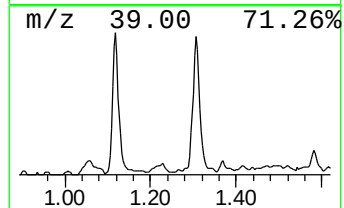
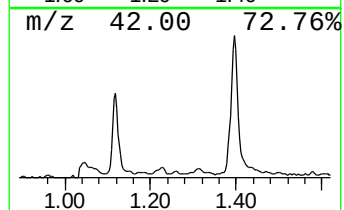
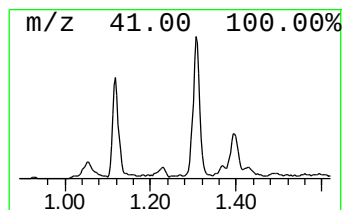
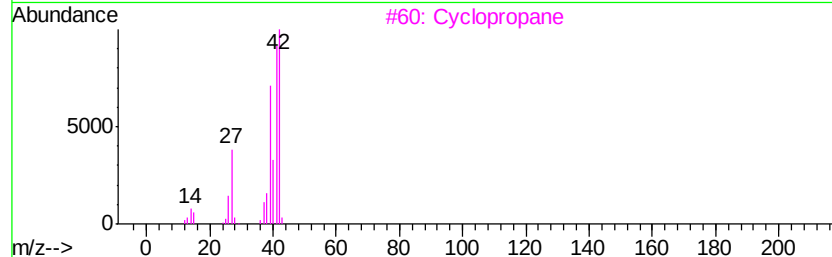
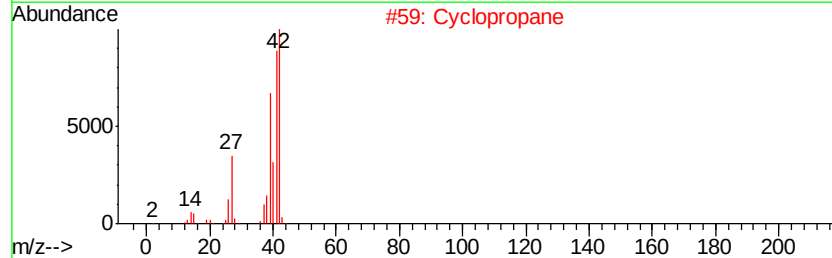
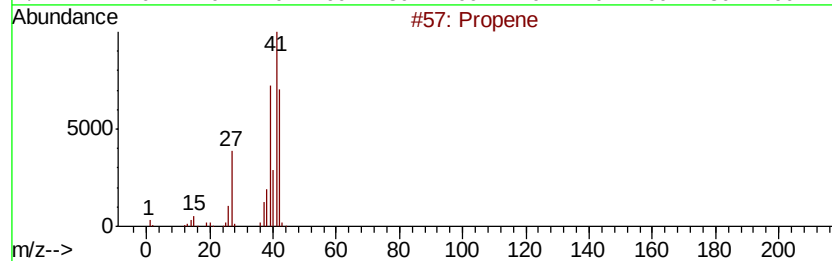
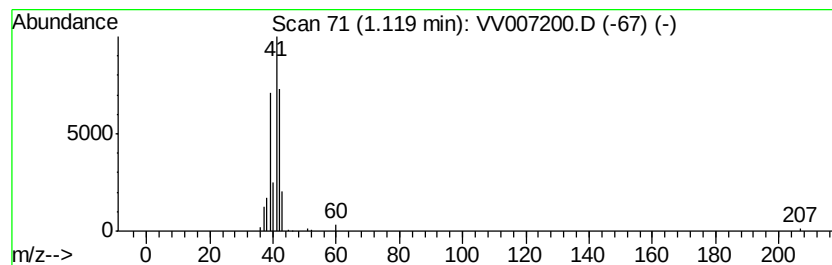
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082418WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Cyclic1.12 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	3.18 ug/L	96153	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propene	42	C3H6	000115-07-1	86
2		Cyclopropane	42	C3H6	000075-19-4	72
3		Cyclopropane	42	C3H6	000075-19-4	72
4		Cyclopropanecarboxaldehyde	70	C4H6O	001489-69-6	64
5		Aluminum, tripropyl-	156	C9H21Al	000102-67-0	64



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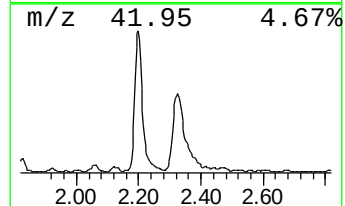
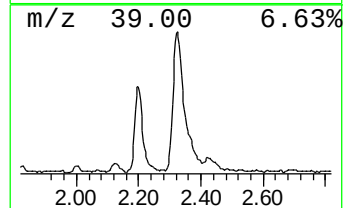
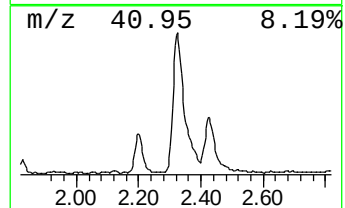
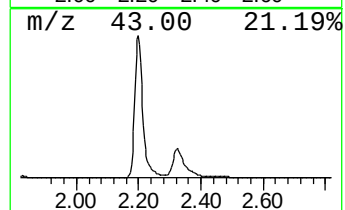
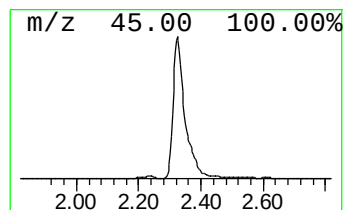
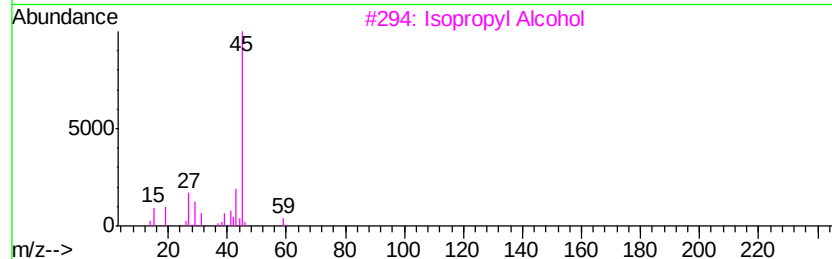
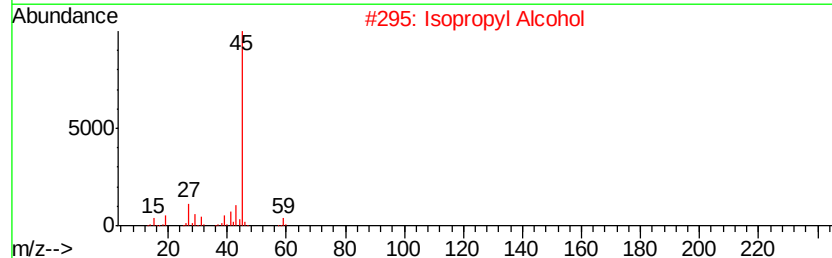
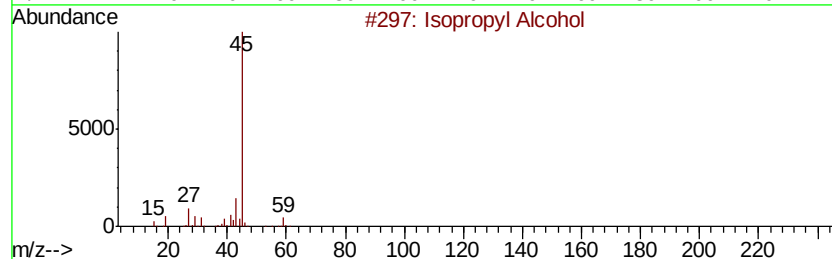
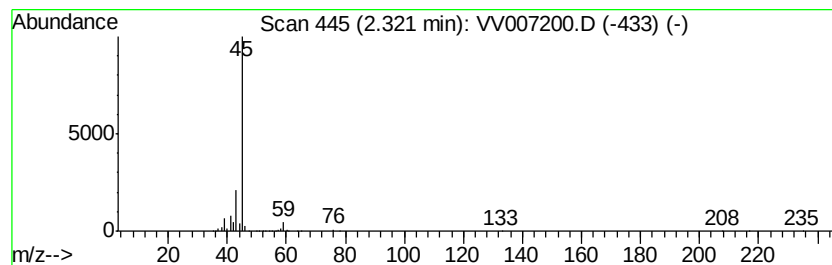
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Quant Title : VOC Analysis

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

Peak Number 4 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	35.32 ug/L	1068470	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2		Isopropyl Alcohol	60	C3H8O	000067-63-0	86
3		Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4		Hydrazine, ethyl-	60	C2H8N2	000624-80-6	40
5		Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40



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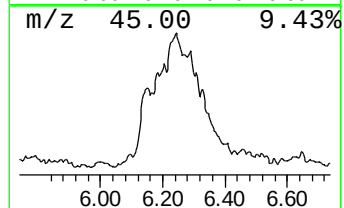
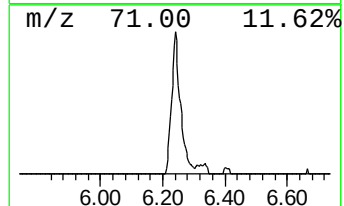
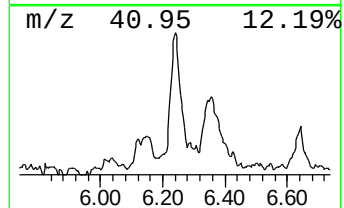
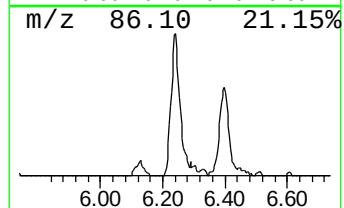
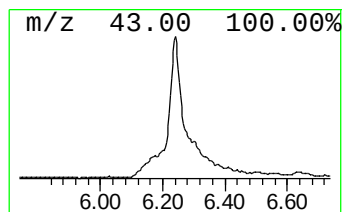
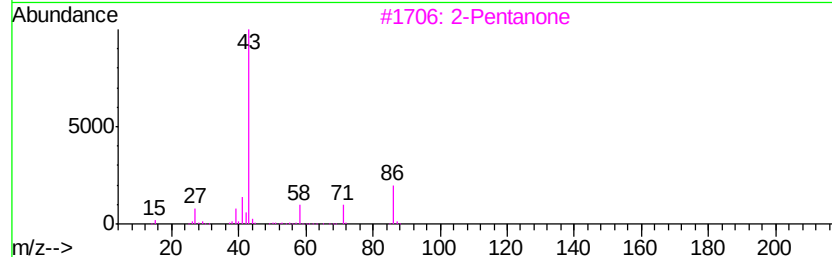
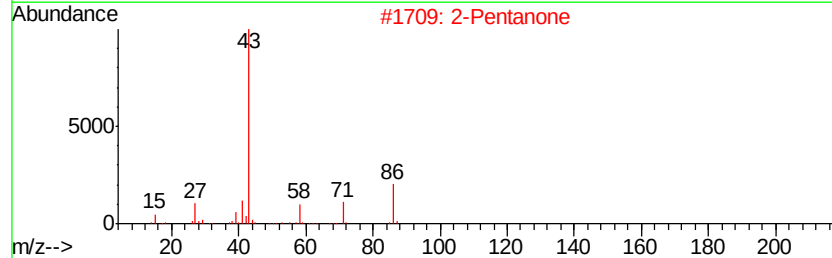
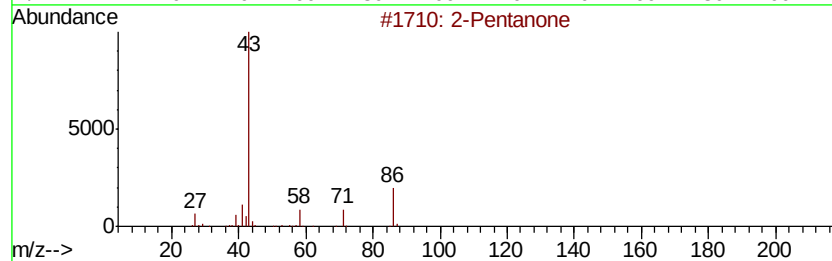
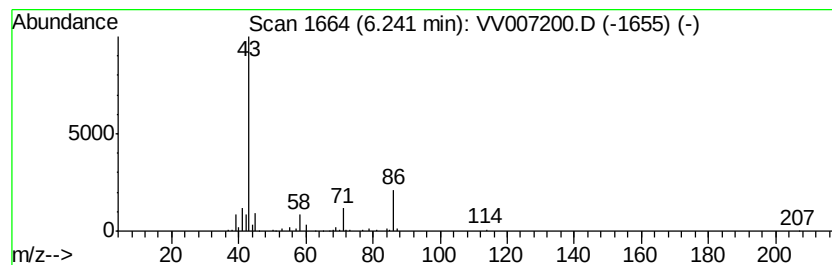
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Quant Title : VOC Analysis

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

Peak Number 5 2-Pentanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	4.72 ug/L	142831	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone	86	C5H10O	000107-87-9	64
2		2-Pentanone	86	C5H10O	000107-87-9	58
3		2-Pentanone	86	C5H10O	000107-87-9	53
4		2,3-Butanedione	86	C4H6O2	000431-03-8	46
5		2,3-Butanedione	86	C4H6O2	000431-03-8	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV082518\
Data File : VV007200.D
Acq On : 25 Aug 2018 13:38
Operator : SY/MD
Sample : J4622-05
Misc : 5.0 mL/MSVOA V/WATER
ALS Vial : 7 Sample Multiplier: 1

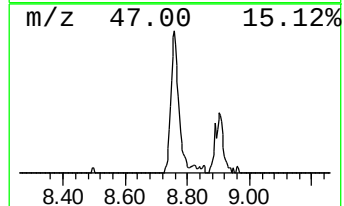
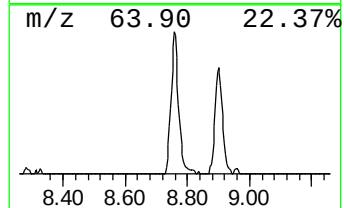
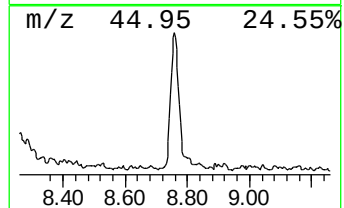
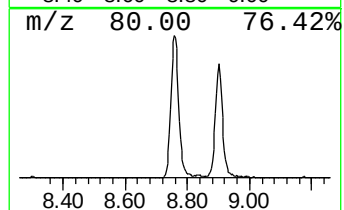
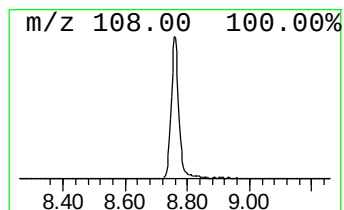
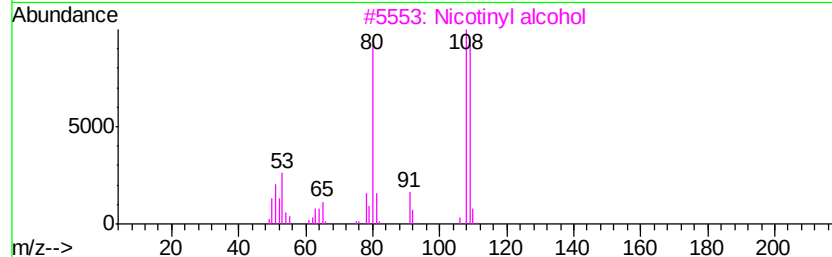
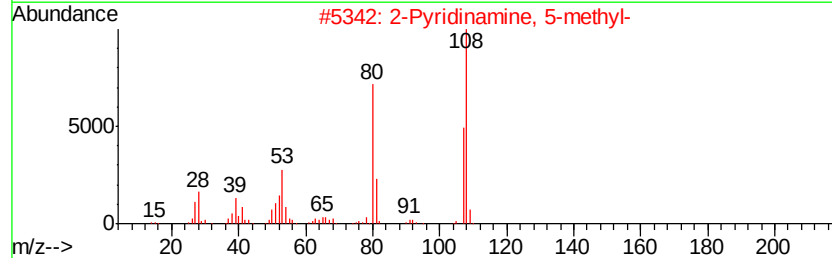
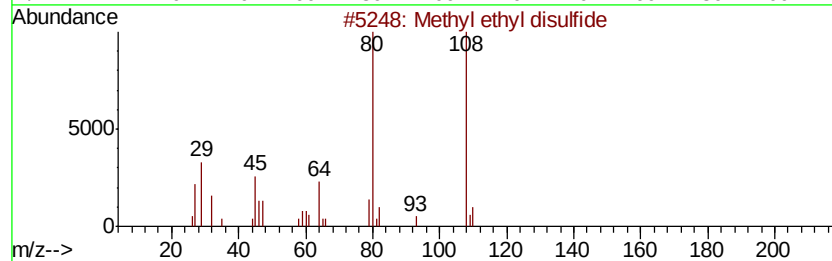
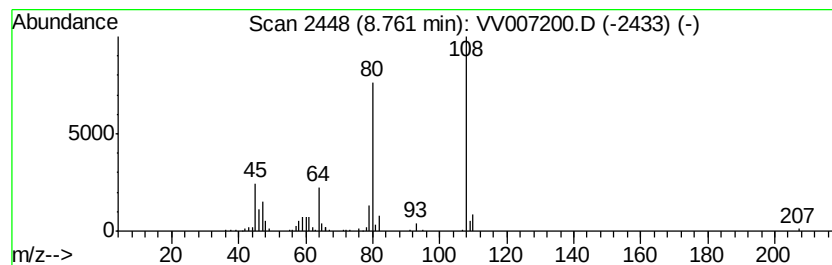
Instrument :
MSVOA_V
ClientSampleId :
ETBJ7

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082418WMA.M
Quant Title : VOC Analysis

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

Peak Number 7 Methyl ethyl disulfide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.76	3.53 ug/L	135974	Chlorobenzene-d5	8.90		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methyl ethyl disulfide	108	C3H8S2	020333-39-5	97
2		2-Pyridinamine, 5-methyl-	108	C6H8N2	001603-41-4	80
3		Nicotinyl alcohol	109	C6H7NO	000100-55-0	64
4		Methyl ethyl disulfide	108	C3H8S2	020333-39-5	64
5		Tris(ethanesulfonyl)methane	292	C7H16O6S3	021467-59-4	56



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV082518\
Data File : VV007200.D
Acq On : 25 Aug 2018 13:38
Operator : SY/MD
Sample : J4622-05
Misc : 5.0 mL/MSVOA V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBJ7

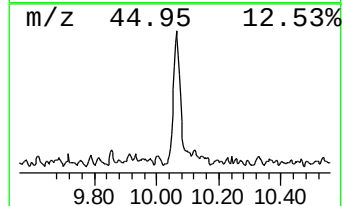
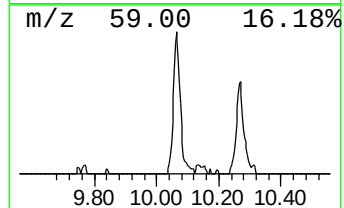
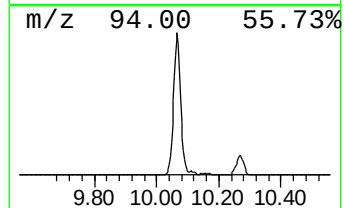
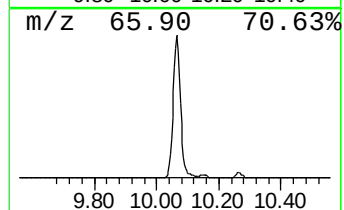
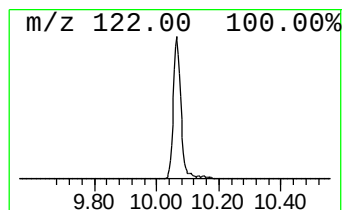
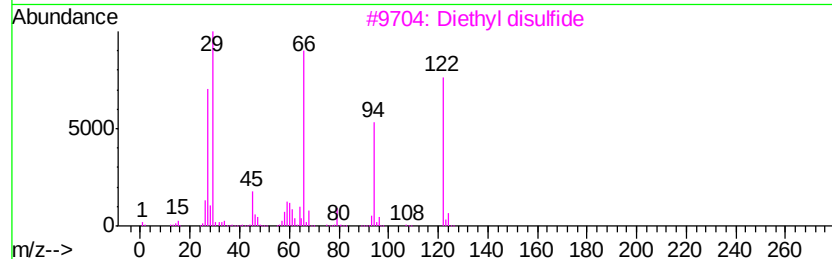
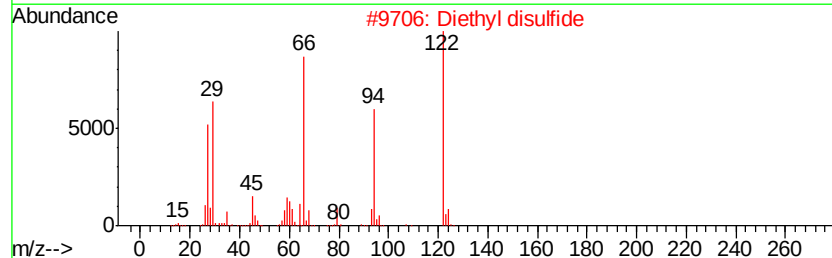
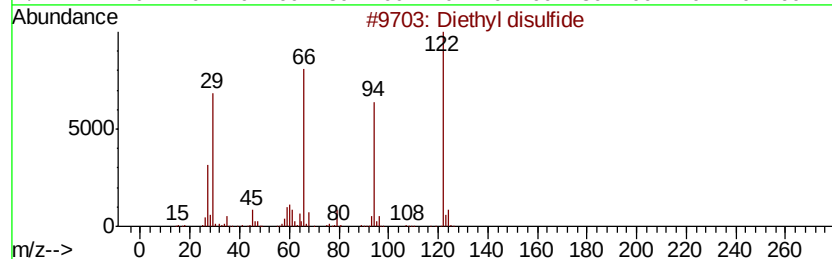
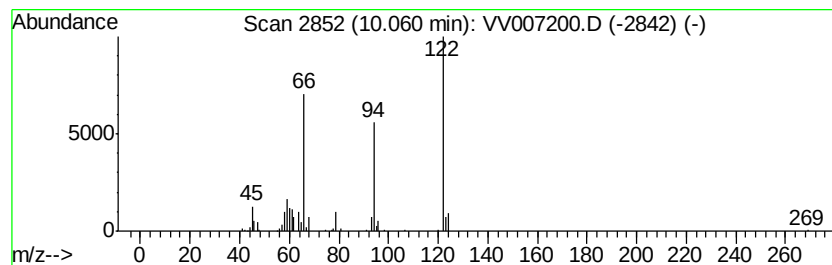
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082418WMA.M
Quant Title : VOC Analysis

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

Peak Number 8 Diethyl disulfide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	3.31 ug/L	127458	Chlorobenzene-d5	8.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diethyl disulfide	122	C4H10S2	000110-81-6	97
2		Diethyl disulfide	122	C4H10S2	000110-81-6	95
3		Diethyl disulfide	122	C4H10S2	000110-81-6	72
4		2-Propenal, 3-(2-furanyl)-	122	C7H6O2	000623-30-3	59
5		Benzene, ethoxy-	122	C8H10O	000103-73-1	42



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082518\
Data File : VV007200.D
Acq On : 25 Aug 2018 13:38
Operator : SY/MD
Sample : J4622-05
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBJ7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082418WMA.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
(DEL) Alkane: Cyc...	1.12	3.2	ug/L	96153	1	5.67	1512550	50.0
Isopropyl Alcohol	2.32	35.3	ug/L	1068470	1	5.67	1512550	50.0
2-Pentanone	6.24	4.7	ug/L	142831	1	5.67	1512550	50.0
Methyl ethyl disu...	8.76	3.5	ug/L	135974	2	8.90	1927270	50.0
Diethyl disulfide	10.06	3.3	ug/L	127458	2	8.90	1927270	50.0