

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016899.D
 Acq On : 12 Jun 2020 23:20
 Operator : SY/MD
 Sample : L2915-08 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E16

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\SOMVLM060820WMA.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	1.222	37	41	47	rVB	31961	27020	2.20%	0.216%
2	1.315	62	70	80	rVB	279137	293259	23.82%	2.348%
3	1.566	143	148	158	rVB	122729	140171	11.39%	1.122%
4	1.634	163	169	176	rVB	48330	58658	4.77%	0.470%
5	1.810	219	224	237	rVB2	42604	59712	4.85%	0.478%
6	1.990	274	280	285	rBV2	13038	16361	1.33%	0.131%
7	2.032	287	293	304	rVB2	35153	47509	3.86%	0.380%
8	2.119	310	320	335	rBV	272733	409518	33.27%	3.279%
9	2.293	371	374	375	rBV3	1370	735	0.06%	0.006%
10	2.347	388	391	396	rBV6	2269	1919	0.16%	0.015%
11	2.589	459	466	479	rVB2	37478	65067	5.29%	0.521%
12	2.836	541	543	547	rBV4	1229	897	0.07%	0.007%
13	2.926	569	571	573	rBV3	1060	552	0.04%	0.004%
14	2.952	577	579	580	rBV2	1590	530	0.04%	0.004%
15	3.016	595	599	602	rBV5	1025	814	0.07%	0.007%
16	3.039	602	606	607	rVV4	1061	678	0.06%	0.005%
17	3.100	621	625	626	rBV3	626	498	0.04%	0.004%
18	3.109	626	628	632	rVB3	1583	1036	0.08%	0.008%
19	3.138	635	637	639	rBV3	1354	637	0.05%	0.005%
20	3.161	641	644	646	rBV3	1729	1135	0.09%	0.009%
21	3.190	651	653	656	rBV4	1699	1000	0.08%	0.008%
22	3.360	703	706	707	rBV3	1204	743	0.06%	0.006%
23	3.405	718	720	722	rBV3	1615	705	0.06%	0.006%
24	3.749	822	827	829	rBV5	2669	2528	0.21%	0.020%
25	3.900	864	874	900	rBV2	106504	290210	23.58%	2.324%
26	4.373	1007	1021	1045	rVB	222718	549168	44.61%	4.398%
27	4.621	1093	1098	1099	rBV4	1915	1537	0.12%	0.012%
28	4.826	1158	1162	1163	rBV4	1717	1219	0.10%	0.010%
29	5.071	1221	1238	1243	rBV3	553240	1230930	100.00%	9.857%
30	5.537	1382	1383	1386	rVB3	1476	590	0.05%	0.005%
31	5.640	1403	1415	1437	rBV	458633	899466	73.07%	7.203%
32	5.929	1494	1505	1523	rBV4	22571	51825	4.21%	0.415%
33	6.093	1544	1556	1581	rVB	308540	619263	50.31%	4.959%
34	6.370	1639	1642	1644	rBV4	1368	989	0.08%	0.008%

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Integrator: RTE
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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Title : VOC Analysis

35	6.418	1652	1657	1661	rBV7	2286	2193	0.18%	0.018%
36	6.495	1678	1681	1684	rBV5	2197	1343	0.11%	0.011%
37	6.534	1691	1693	1695	rBV2	1247	516	0.04%	0.004%
38	6.643	1725	1727	1730	rBV4	1348	944	0.08%	0.008%
39	6.685	1737	1740	1741	rBV3	1139	666	0.05%	0.005%
40	6.820	1773	1782	1783	rBV7	3314	4097	0.33%	0.033%
41	6.875	1797	1799	1802	rBV3	1647	1025	0.08%	0.008%
42	6.903	1806	1808	1810	rBV2	1028	469	0.04%	0.004%
43	6.949	1819	1822	1825	rBV5	1493	927	0.08%	0.007%
44	6.965	1825	1827	1829	rVB3	1352	538	0.04%	0.004%
45	7.006	1829	1840	1856	rBV	181806	320580	26.04%	2.567%
46	7.338	1931	1943	1955	rBV	642876	1088056	88.39%	8.713%
47	7.408	1956	1965	1986	rVB	437809	751114	61.02%	6.015%
48	7.640	2029	2037	2053	rBV	126647	204477	16.61%	1.637%
49	7.936	2125	2129	2132	rBV4	1288	1090	0.09%	0.009%
50	7.971	2138	2140	2141	rBV2	1313	485	0.04%	0.004%
51	8.032	2157	2159	2162	rVB4	1131	670	0.05%	0.005%
52	8.109	2172	2183	2212	rBV	310580	621678	50.50%	4.978%
53	8.530	2309	2314	2316	rBV4	2605	2513	0.20%	0.020%
54	8.736	2375	2378	2381	rBV4	1637	923	0.07%	0.007%
55	8.826	2404	2406	2408	rBV3	1549	997	0.08%	0.008%
56	8.874	2410	2421	2430	rBV	690014	1089427	88.50%	8.724%
57	9.032	2460	2470	2486	rBV	274684	435873	35.41%	3.490%
58	9.286	2540	2549	2555	rBV4	20473	33827	2.75%	0.271%
59	9.408	2579	2587	2598	rBV4	14994	25128	2.04%	0.201%
60	9.566	2628	2636	2655	rVB	129254	210396	17.09%	1.685%
61	9.743	2681	2691	2701	rVB8	11461	20964	1.70%	0.168%
62	10.032	2779	2781	2784	rBV3	919	506	0.04%	0.004%
63	10.180	2826	2827	2830	rBV3	1657	998	0.08%	0.008%
64	10.238	2835	2845	2860	rVV	400309	622928	50.61%	4.988%
65	10.762	3001	3008	3014	rBV2	16163	26789	2.18%	0.215%
66	10.939	3056	3063	3074	rVB2	28078	40471	3.29%	0.324%
67	11.270	3155	3166	3186	rBV	689904	1065721	86.58%	8.534%
68	11.553	3247	3254	3265	rVB2	14270	20811	1.69%	0.167%
69	11.646	3272	3283	3297	rBV	669137	1037054	84.25%	8.304%
70	12.215	3456	3460	3465	rVB7	2340	2023	0.16%	0.016%
71	12.251	3468	3471	3474	rBV5	1456	1026	0.08%	0.008%

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72	12.476	3538	3541	3544	rBV3	2175	1953	0.16%	0.016%
73	12.582	3571	3574	3576	rBV4	1616	1000	0.08%	0.008%
74	12.665	3596	3600	3601	rBV4	2281	1503	0.12%	0.012%
75	12.746	3622	3625	3628	rBV5	2687	2520	0.20%	0.020%
76	12.874	3662	3665	3666	rBV3	1642	900	0.07%	0.007%
77	13.038	3713	3716	3719	rBV4	1493	1026	0.08%	0.008%
78	13.215	3764	3771	3773	rBV7	2164	2454	0.20%	0.020%
79	13.347	3810	3812	3814	rBV3	985	537	0.04%	0.004%
80	13.379	3821	3822	3824	rVB2	1740	585	0.05%	0.005%
81	13.530	3860	3869	3881	rBV	25081	39524	3.21%	0.316%
82	13.588	3884	3887	3890	rBV3	1412	858	0.07%	0.007%
83	13.762	3939	3941	3942	rBV2	1538	629	0.05%	0.005%
84	13.865	3970	3973	3976	rBV5	1301	937	0.08%	0.008%
85	13.913	3986	3988	3990	rBV4	1390	743	0.06%	0.006%
86	14.154	4060	4063	4066	rBV5	1459	1556	0.13%	0.012%
87	14.337	4118	4120	4122	rBV3	1868	997	0.08%	0.008%
88	14.431	4147	4149	4152	rVB4	2077	860	0.07%	0.007%
89	14.447	4152	4154	4159	rVB6	1997	1160	0.09%	0.009%
90	14.472	4159	4162	4165	rBV3	1330	781	0.06%	0.006%
91	14.546	4181	4185	4186	rBV2	1431	830	0.07%	0.007%
92	14.585	4195	4197	4199	rBV2	1446	693	0.06%	0.006%
93	14.810	4265	4267	4269	rBV3	1245	637	0.05%	0.005%
94	14.823	4269	4271	4273	rBV3	1847	869	0.07%	0.007%
95	15.032	4334	4336	4340	rVB3	1649	900	0.07%	0.007%
96	15.080	4348	4351	4354	rBV4	1695	1088	0.09%	0.009%
97	15.119	4361	4363	4365	rBV3	2539	1365	0.11%	0.011%
98	15.498	4478	4481	4482	rBV3	1930	1024	0.08%	0.008%
99	15.575	4502	4505	4509	rBV6	2259	1973	0.16%	0.016%
100	15.903	4603	4607	4609	rBV3	2258	1865	0.15%	0.015%

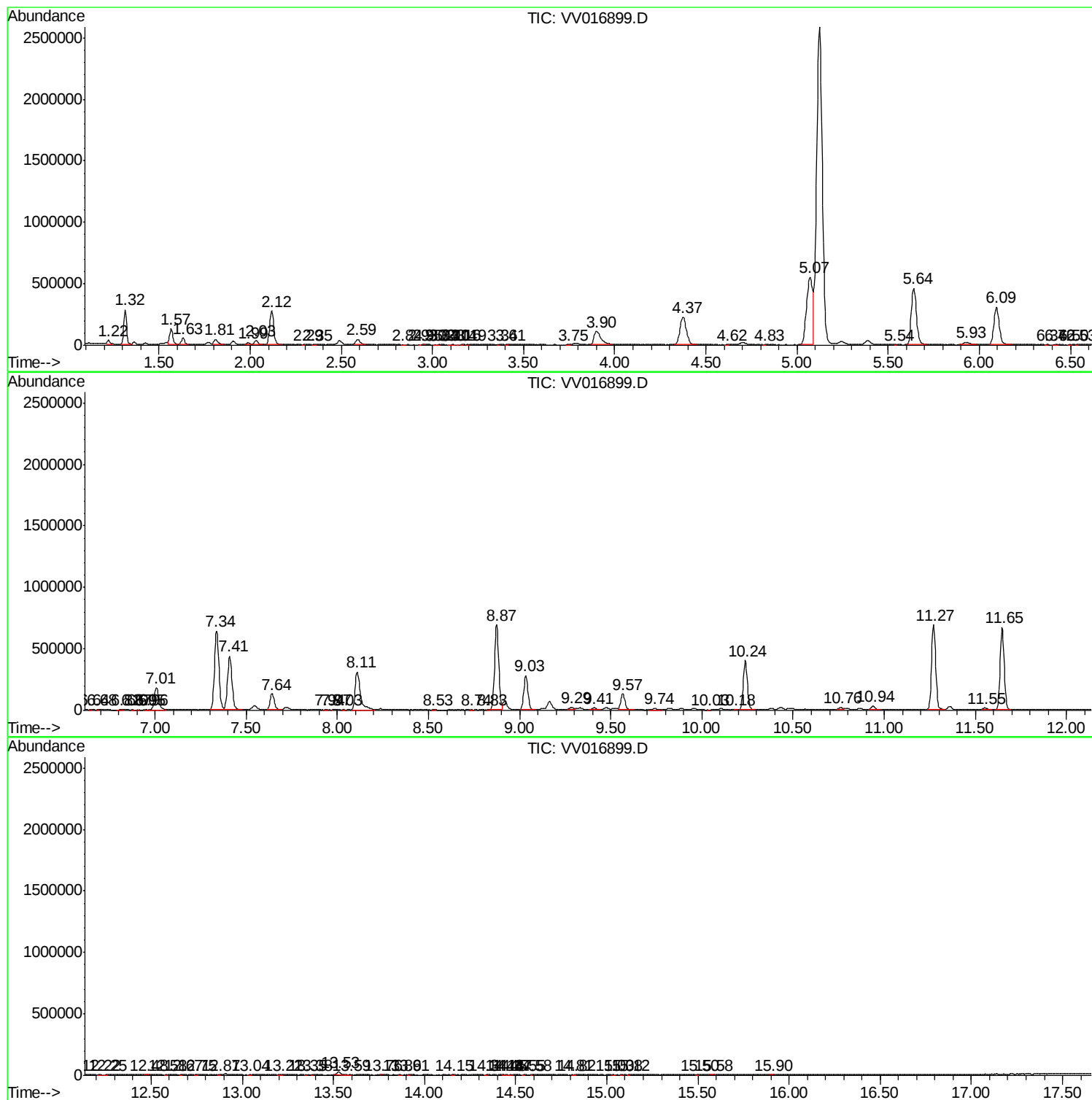
Sum of corrected areas: 12487889

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Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

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



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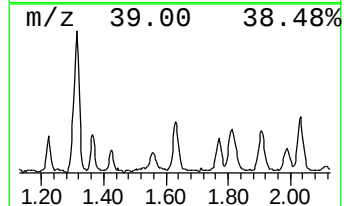
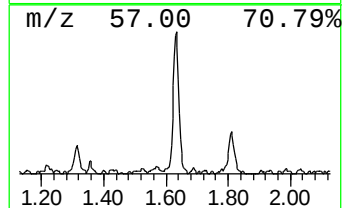
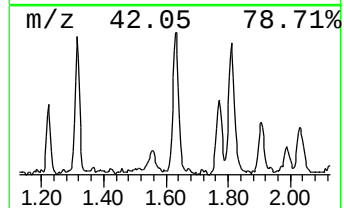
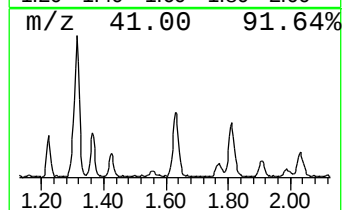
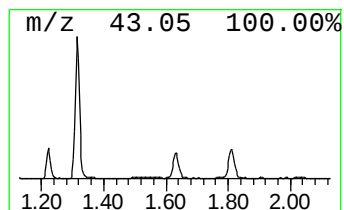
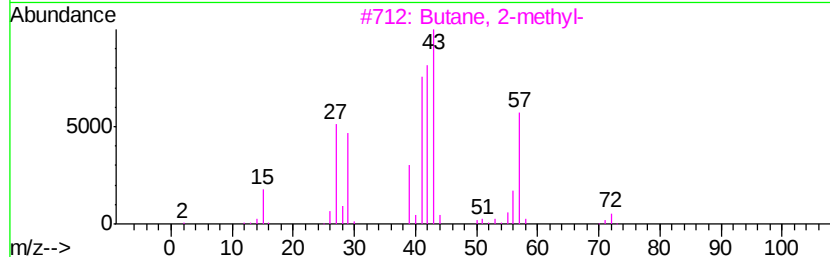
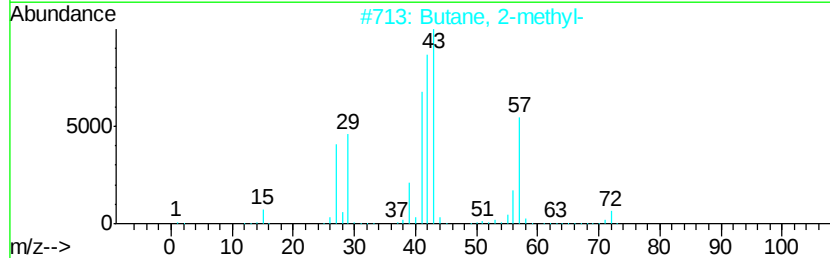
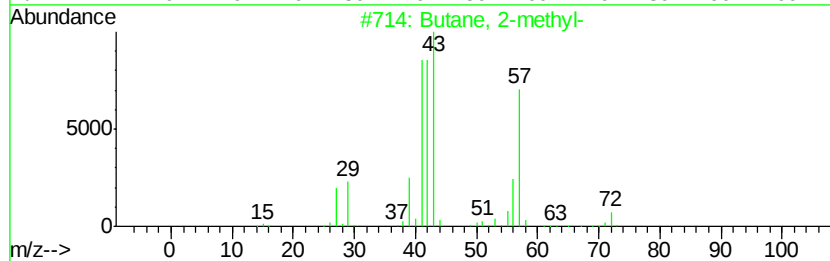
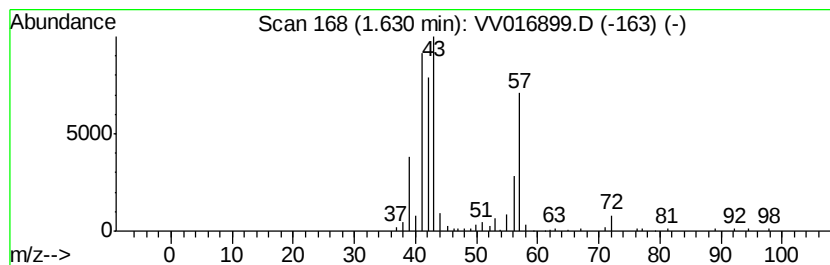
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.63	3.26 ug/L	58658	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	86
2		Butane, 2-methyl-	72	C5H12	000078-78-4	80
3		Butane, 2-methyl-	72	C5H12	000078-78-4	80
4		2-Butene-1,4-diol	88	C4H8O2	000110-64-5	43
5		3-Buten-1-ol	72	C4H8O	000627-27-0	43



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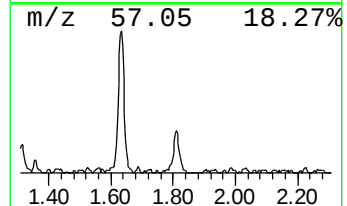
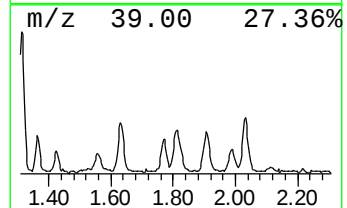
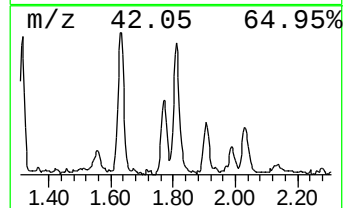
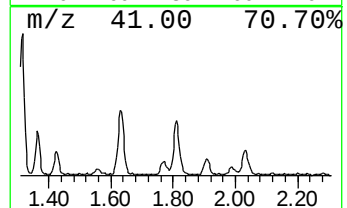
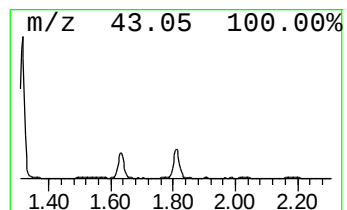
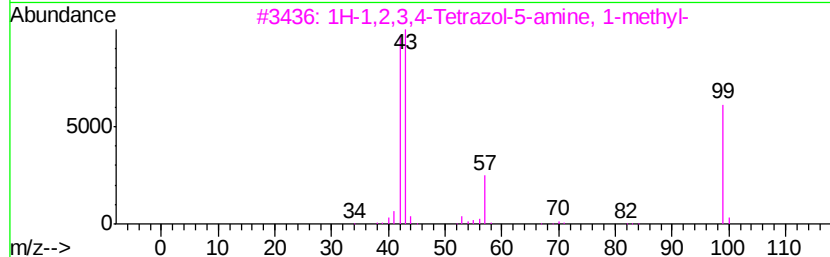
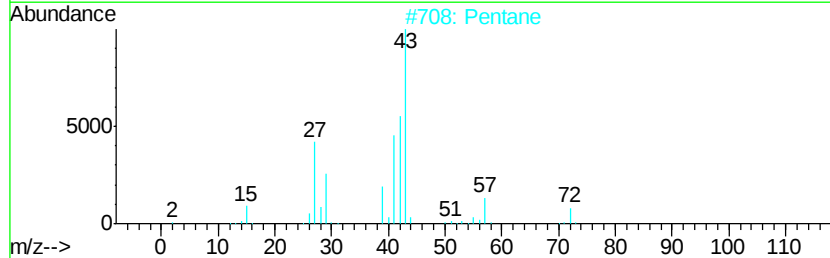
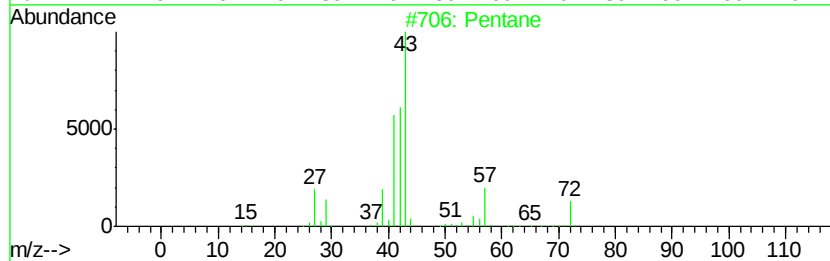
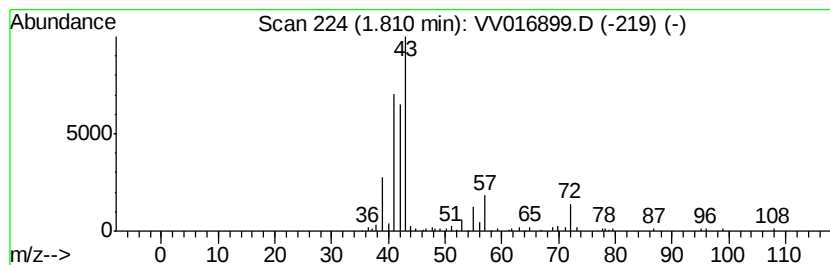
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Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.81	3.32 ug/L	59712	1,4-Difluorobenzene	5.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane	72	C5H12	000109-66-0	80
2			Pentane	72	C5H12	000109-66-0	72
3			1H-1,2,3,4-Tetrazol-5-amine, 1-m...	99	C2H5N5	1000338-04-0	59
4			Oxirane, ethyl-	72	C4H8O	000106-88-7	47
5			Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	47



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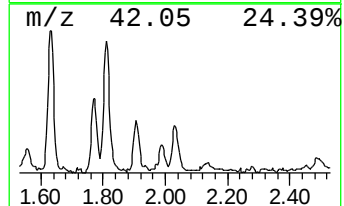
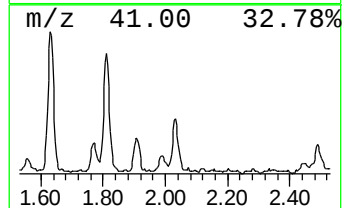
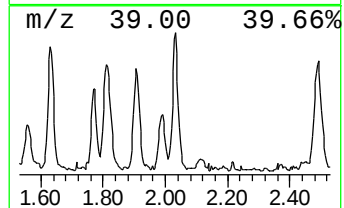
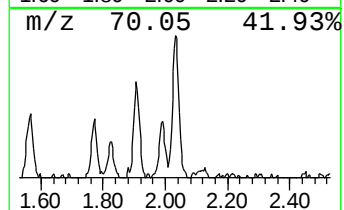
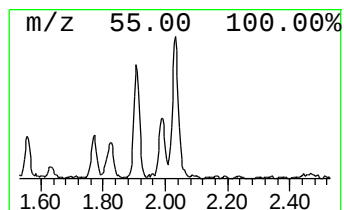
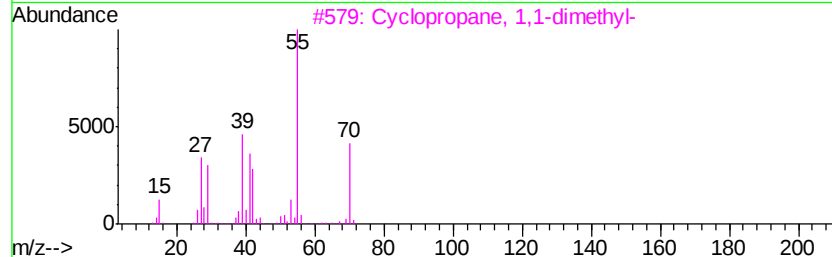
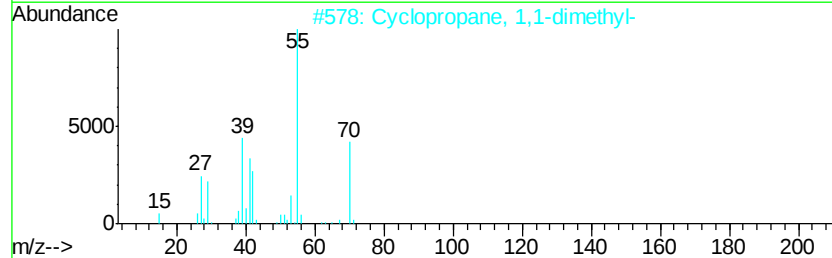
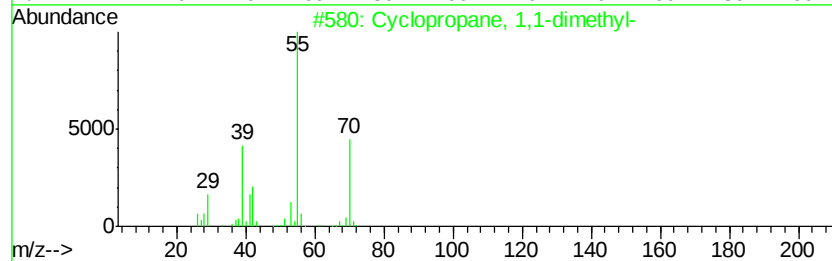
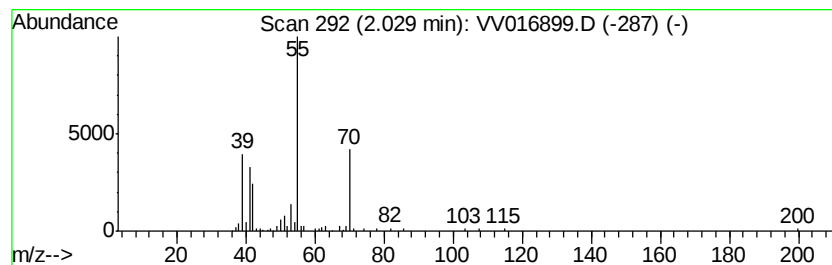
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Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Cyclic2.03 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.03	2.64 ug/L	47509	1,4-Difluorobenzene	5.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	86
2			Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	78
3			Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	78
4			2-Pentene, (Z)-	70	C5H10	000627-20-3	59
5			Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV061220\
Data File : VV016899.D
Acq On : 12 Jun 2020 23:20
Operator : SY/MD
Sample : L2915-08 40X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E16

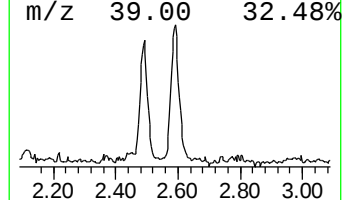
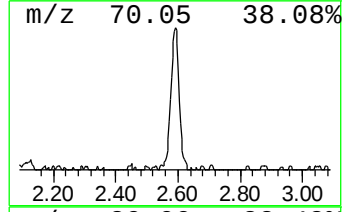
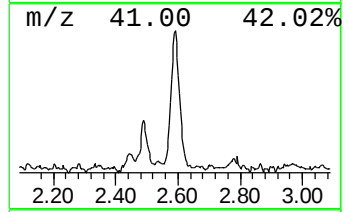
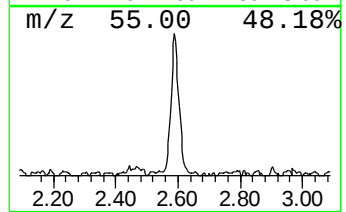
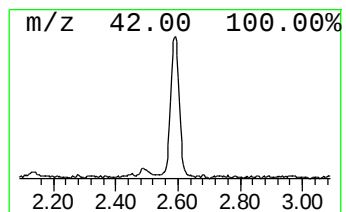
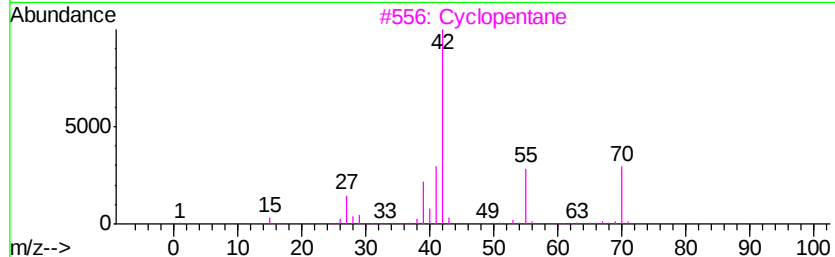
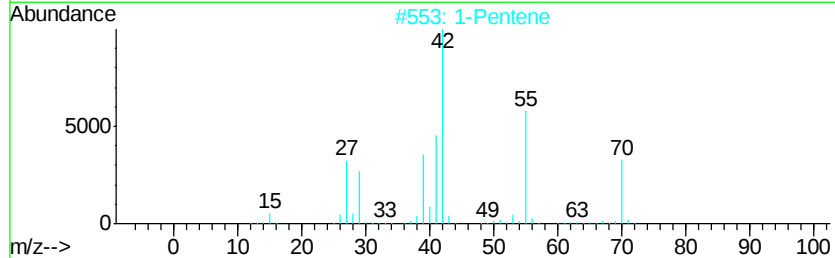
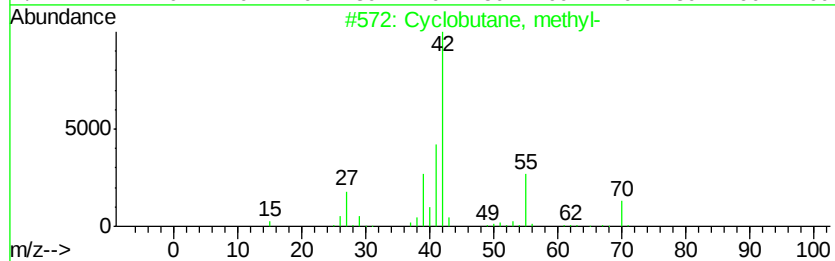
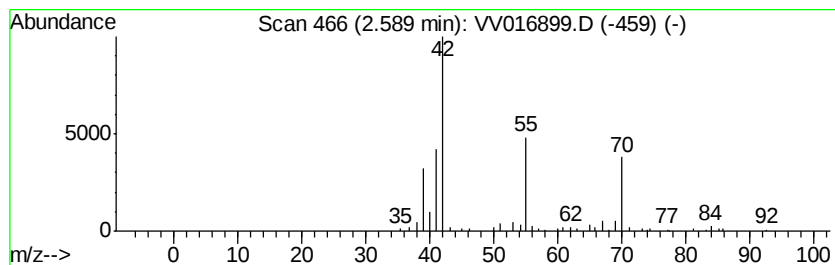
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Cyclic2.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.59	3.62 ug/L	65067	1,4-Difluorobenzene	5.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclobutane, methyl-	70	C5H10	000598-61-8	80
2			1-Pentene	70	C5H10	000109-67-1	80
3			Cyclopentane	70	C5H10	000287-92-3	80
4			1-Pentene	70	C5H10	000109-67-1	64
5			Cyclopentane	70	C5H10	000287-92-3	56



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV061220\
Data File : VV016899.D
Acq On : 12 Jun 2020 23:20
Operator : SY/MD
Sample : L2915-08 40X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E16

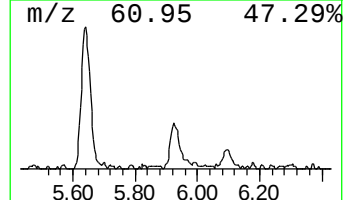
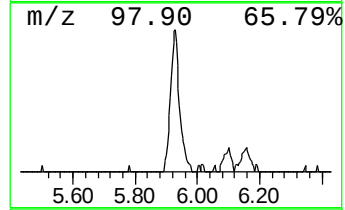
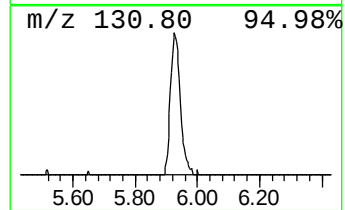
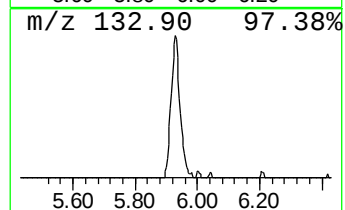
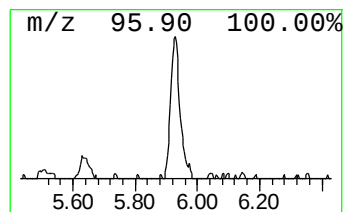
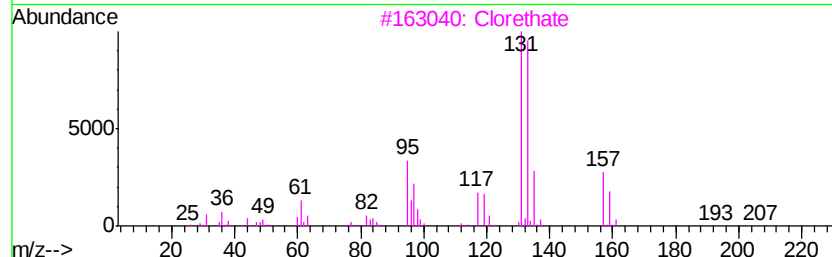
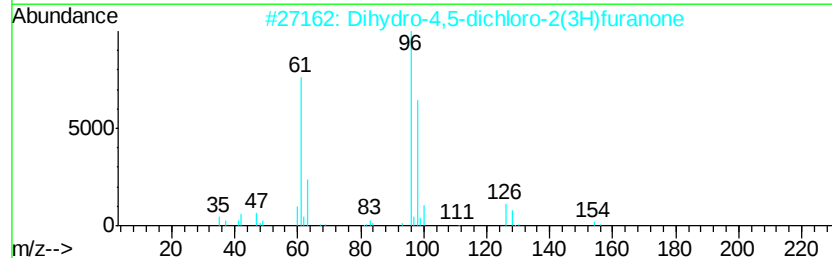
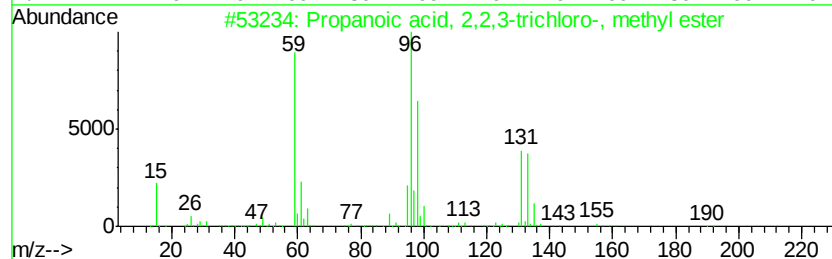
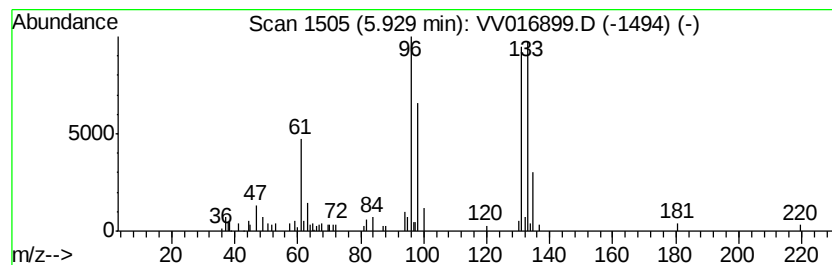
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

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

Peak Number 5 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.88 ug/L	51825	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	39
2		Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
3		Clorethate	322	C5H4Cl6O3	005634-37-7	25
4		1H-Imidazole, 1-ethyl-	96	C5H8N2	007098-07-9	10
5		1H-Imidazole, 1-ethyl-	96	C5H8N2	007098-07-9	10



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016899.D
Acq On : 12 Jun 2020 23:20
Operator : SY/MD
Sample : L2915-08 40X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E16

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.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: Str...	1.63	3.3	ug/L	58658	1	5.64	899466	50.0
(DEL) Alkane: Str...	1.81	3.3	ug/L	59712	1	5.64	899466	50.0
(DEL) Alkane: Cyc...	2.03	2.6	ug/L	47509	1	5.64	899466	50.0
(DEL) Alkane: Cyc...	2.59	3.6	ug/L	65067	1	5.64	899466	50.0
unknown-01	5.93	2.9	ug/L	51825	1	5.64	899466	50.0