

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW122818\
 Data File : VW007996.D
 Acq On : 28 Dec 2018 10:12
 Operator : SY/AP
 Sample : J6540-17
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAEP8

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_W\METHOD\SOM2WLM122618S.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	1.959	7	9	18	rVB2	720	1476	0.36%	0.022%
2	2.032	20	21	26	rVV	232	276	0.07%	0.004%
3	2.154	34	41	47	rBV	1859	3744	0.90%	0.055%
4	2.215	47	51	61	rVV	17332	28516	6.87%	0.419%
5	2.324	61	69	70	rVV	9180	12695	3.06%	0.187%
6	2.361	70	75	96	rVB	20879	51274	12.35%	0.753%
7	2.568	108	109	113	rVB	199	176	0.04%	0.003%
8	2.605	113	115	117	rVB	185	183	0.04%	0.003%
9	2.782	136	144	154	rBV2	7095	17455	4.21%	0.256%
10	2.891	155	162	175	rVV2	11047	30182	7.27%	0.443%
11	3.050	186	188	191	rBV	173	183	0.04%	0.003%
12	3.086	191	194	195	rBV	200	182	0.04%	0.003%
13	3.160	203	206	210	rVV2	155	239	0.06%	0.004%
14	3.257	214	222	233	rVB	13844	31703	7.64%	0.466%
15	3.446	251	253	256	rBV	128	187	0.05%	0.003%
16	3.525	263	266	267	rVV2	135	182	0.04%	0.003%
17	3.812	305	313	324	rBB2	9002	22143	5.33%	0.325%
18	4.019	334	347	357	rBV3	69082	234417	56.48%	3.444%
19	4.117	357	363	375	rVV	13916	38559	9.29%	0.566%
20	4.385	400	407	413	rBV2	1140	3236	0.78%	0.048%
21	4.665	443	453	468	rBB	11410	33039	7.96%	0.485%
22	4.909	483	493	509	rBB	16698	53449	12.88%	0.785%
23	5.110	520	526	527	rBV	599	953	0.23%	0.014%
24	5.141	527	531	534	rVV3	407	722	0.17%	0.011%
25	5.421	564	577	593	rBB	53416	176879	42.62%	2.599%
26	5.921	656	659	661	rBV2	305	426	0.10%	0.006%
27	5.940	661	662	666	rVB	319	262	0.06%	0.004%
28	7.074	840	848	854	rBV	12007	31921	7.69%	0.469%
29	7.165	854	863	876	rVB3	50775	147471	35.53%	2.167%
30	7.512	911	920	929	rBB2	22368	54912	13.23%	0.807%
31	7.647	932	942	953	rBB	60741	141981	34.21%	2.086%
32	7.866	970	978	985	rBV	24748	62488	15.06%	0.918%
33	7.951	985	992	1002	rVV2	34881	90035	21.69%	1.323%
34	8.067	1002	1011	1021	rVB2	32710	79306	19.11%	1.165%

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35	8.275	1032	1045	1058	rBV3	130763	415057	100.00%	6.098%
36	8.403	1058	1066	1075	rVB	17141	35795	8.62%	0.526%
37	8.476	1076	1078	1082	rBB	137	192	0.05%	0.003%
38	8.683	1106	1112	1117	rBB2	338	646	0.16%	0.009%
39	8.841	1130	1138	1148	rBB	110032	215543	51.93%	3.167%
40	9.037	1166	1170	1171	rBV	255	263	0.06%	0.004%
41	9.091	1171	1179	1188	rVB	149790	290104	69.89%	4.262%
42	9.274	1201	1209	1214	rBV	70083	148649	35.81%	2.184%
43	9.335	1214	1219	1231	rVV2	131948	326319	78.62%	4.794%
44	9.445	1231	1237	1245	rVB	6383	13657	3.29%	0.201%
45	9.646	1261	1270	1276	rBV	47578	90950	21.91%	1.336%
46	9.689	1276	1277	1282	rVV2	1945	2335	0.56%	0.034%
47	9.762	1282	1289	1294	rVB	6230	11467	2.76%	0.168%
48	9.890	1304	1310	1318	rBB	14831	29002	6.99%	0.426%
49	9.963	1318	1322	1326	rBB	675	730	0.18%	0.011%
50	10.036	1326	1334	1337	rBV	46275	89698	21.61%	1.318%
51	10.073	1337	1340	1348	rVB	56053	91324	22.00%	1.342%
52	10.146	1348	1352	1359	rBB3	873	1453	0.35%	0.021%
53	10.250	1363	1369	1374	rVV	5869	10665	2.57%	0.157%
54	10.323	1374	1381	1386	rVV	162690	282076	67.96%	4.144%
55	10.390	1386	1392	1401	rVB	138634	243685	58.71%	3.580%
56	10.579	1416	1423	1435	rBB3	39363	105629	25.45%	1.552%
57	10.707	1437	1444	1451	rBV	21133	36418	8.77%	0.535%
58	10.780	1451	1456	1459	rVB2	989	1655	0.40%	0.024%
59	10.859	1462	1469	1475	rBV	186530	325113	78.33%	4.776%
60	10.927	1475	1480	1484	rVV	50418	83992	20.24%	1.234%
61	10.969	1484	1487	1492	rVV	35584	58124	14.00%	0.854%
62	11.018	1492	1495	1498	rVV3	7258	11134	2.68%	0.164%
63	11.067	1498	1503	1507	rVV2	14068	22114	5.33%	0.325%
64	11.128	1507	1513	1519	rVV	41350	71793	17.30%	1.055%
65	11.176	1519	1521	1524	rVB2	875	1004	0.24%	0.015%
66	11.341	1546	1548	1551	rBB	180	191	0.05%	0.003%
67	11.445	1557	1565	1571	rBB	21454	35422	8.53%	0.520%
68	11.634	1587	1596	1603	rBV	152080	256850	61.88%	3.774%
69	11.731	1603	1612	1619	rVB	124729	199998	48.19%	2.938%
70	11.847	1624	1631	1640	rBB	81951	130264	31.38%	1.914%
71	12.170	1677	1684	1691	rVB	95086	154228	37.16%	2.266%

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72	12.469	1726	1733	1741	rBB	114478	177926	42.87%	2.614%
73	12.615	1750	1757	1763	rBB	24263	38719	9.33%	0.569%
74	12.694	1764	1770	1774	rBV	67985	110168	26.54%	1.619%
75	12.749	1774	1779	1786	rVB	119122	194081	46.76%	2.851%
76	12.938	1804	1810	1816	rBB3	3522	4939	1.19%	0.073%
77	13.018	1820	1823	1824	rBV	317	315	0.08%	0.005%
78	13.200	1848	1853	1856	rBB	696	796	0.19%	0.012%
79	13.304	1863	1870	1876	rVB2	3647	5412	1.30%	0.080%
80	13.414	1883	1888	1892	rBB2	1043	1588	0.38%	0.023%
81	13.505	1896	1903	1907	rBV	127943	208670	50.28%	3.066%
82	13.560	1907	1912	1919	rVV	163032	262945	63.35%	3.863%
83	13.609	1919	1920	1929	rVB2	1450	1985	0.48%	0.029%
84	13.767	1942	1946	1950	rBV2	1065	1608	0.39%	0.024%
85	13.804	1950	1952	1954	rVB2	419	383	0.09%	0.006%
86	13.859	1954	1961	1974	rBV3	176756	353081	85.07%	5.187%
87	13.956	1974	1977	1982	rVB	341	479	0.12%	0.007%
88	14.024	1985	1988	1991	rBB	188	207	0.05%	0.003%
89	14.078	1991	1997	2003	rBB	9004	14131	3.40%	0.208%
90	14.206	2015	2018	2021	rBB	205	207	0.05%	0.003%
91	14.322	2032	2037	2040	rBV3	258	478	0.12%	0.007%
92	14.371	2042	2045	2048	rBB	175	213	0.05%	0.003%
93	14.493	2057	2065	2071	rBV	16229	26991	6.50%	0.397%
94	14.633	2082	2088	2096	rBB	159456	250924	60.46%	3.686%
95	14.731	2102	2104	2109	rBB	404	602	0.15%	0.009%
96	15.383	2209	2211	2214	rVB	242	279	0.07%	0.004%
97	15.450	2215	2222	2226	rBV2	1459	2298	0.55%	0.034%
98	15.511	2226	2232	2237	rVB	1295	2332	0.56%	0.034%
99	16.084	2320	2326	2328	rVB	146	225	0.05%	0.003%
100	16.639	2416	2417	2421	rBV	178	198	0.05%	0.003%

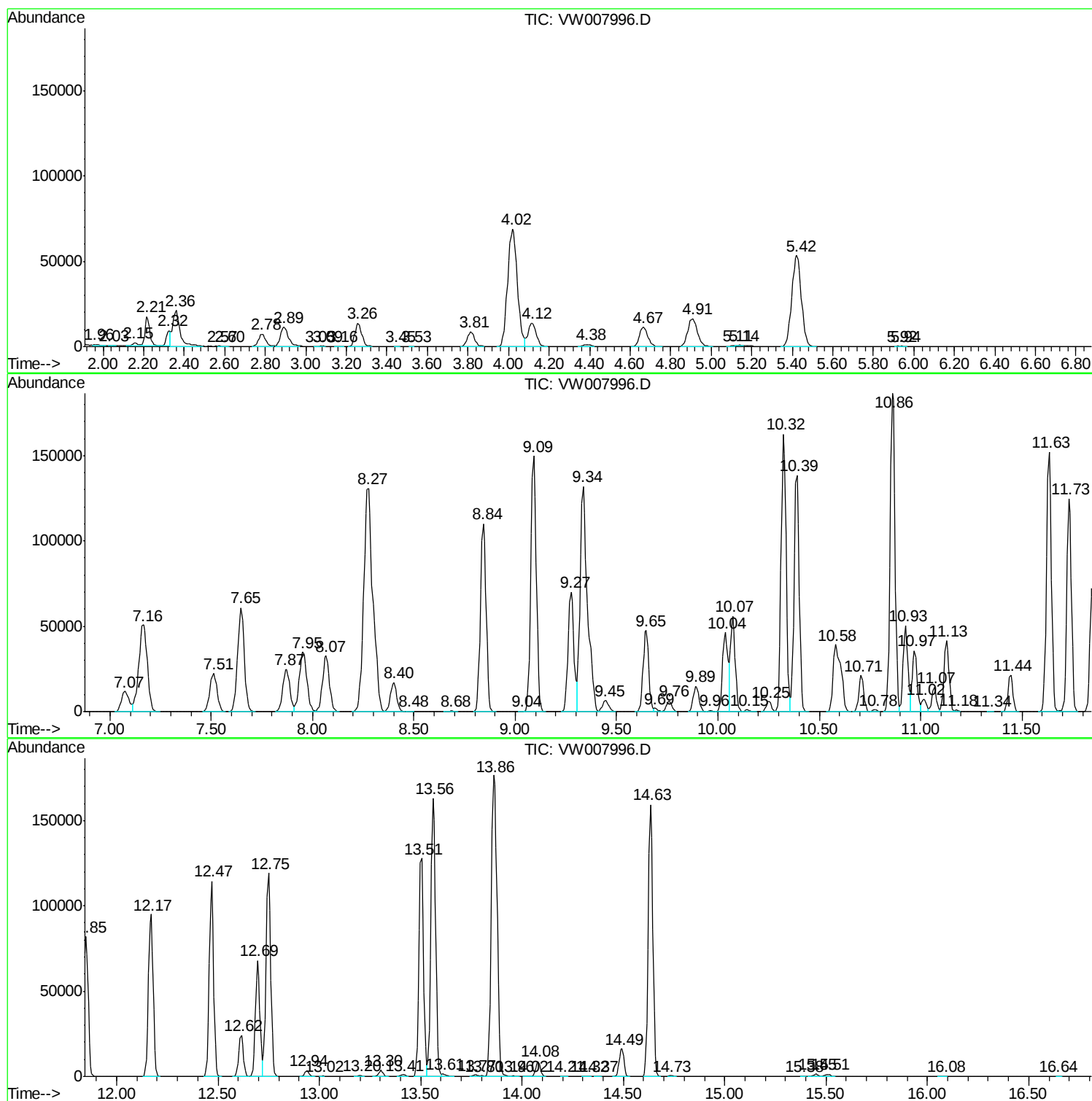
Sum of corrected areas: 6806571

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TIC Library : C:\DATABASE\NIST11.L
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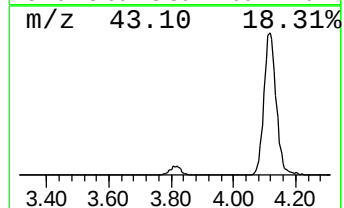
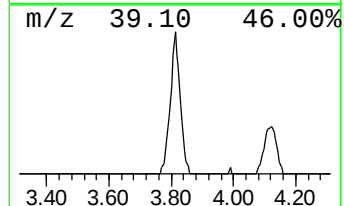
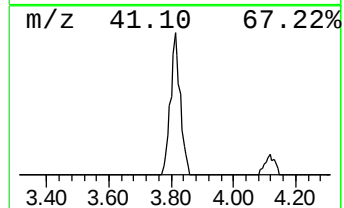
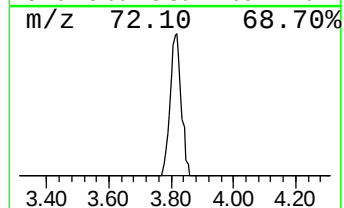
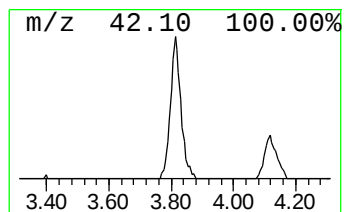
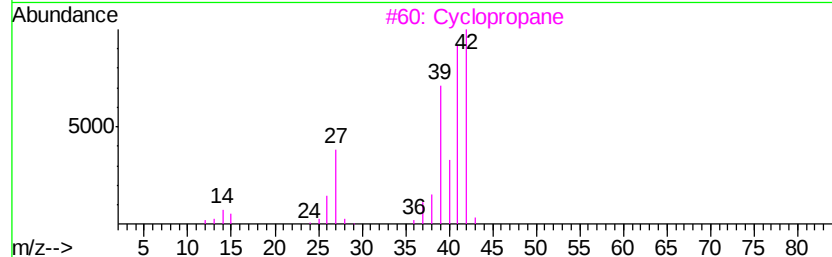
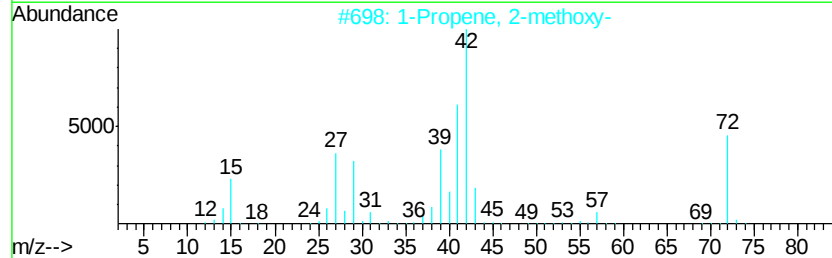
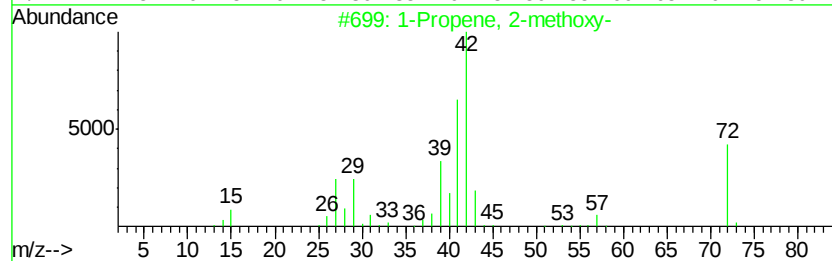
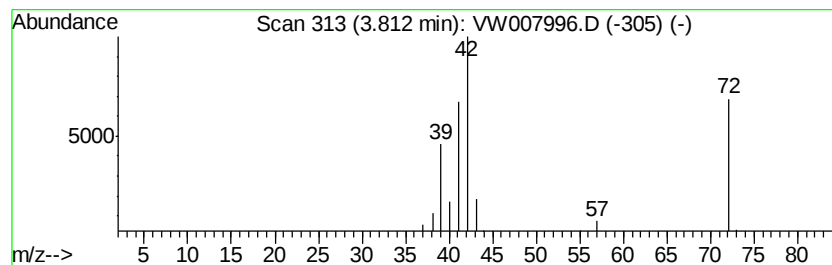
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis

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

Peak Number 1 1-Propene, 2-methoxy- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.81	2.57 ug/L	22143	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	64
2			1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	64
3			Cyclopropane	42	C3H6	000075-19-4	59
4			1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	59
5			Cyclopropane	42	C3H6	000075-19-4	59



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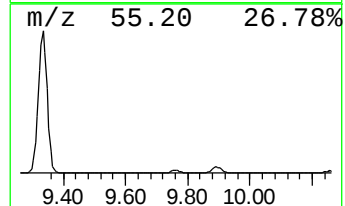
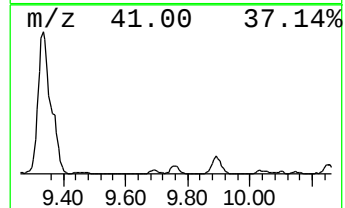
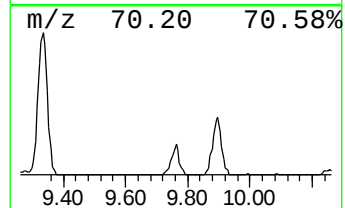
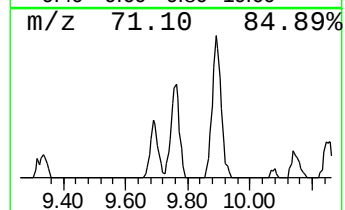
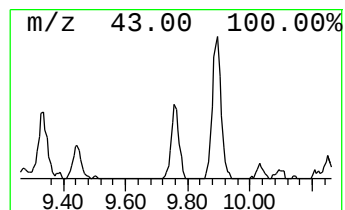
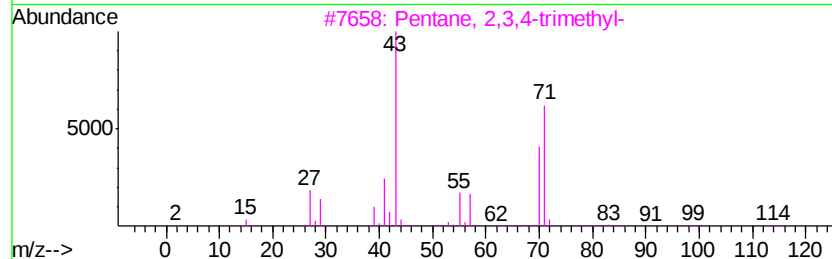
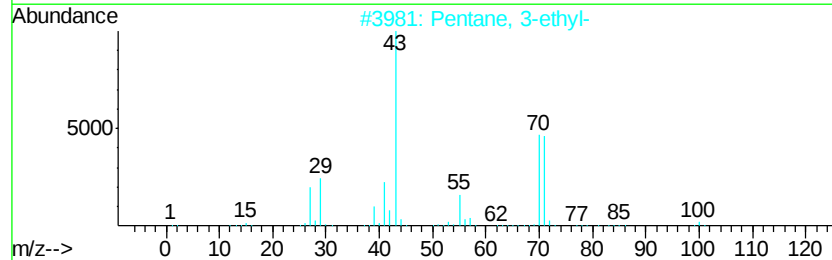
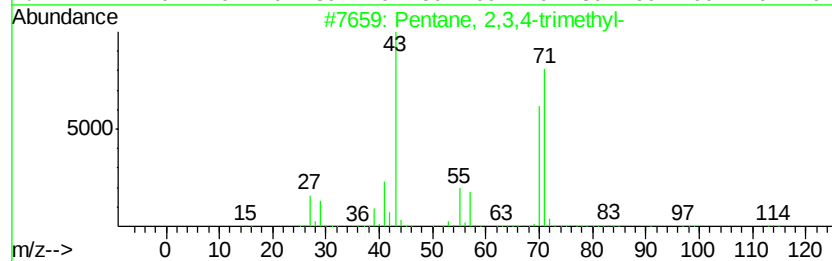
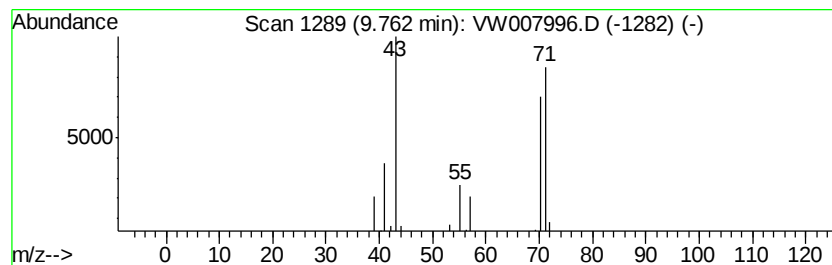
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	1.33 ug/L	11467	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	83
2			Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
3			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	74
4			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	74
5			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	50



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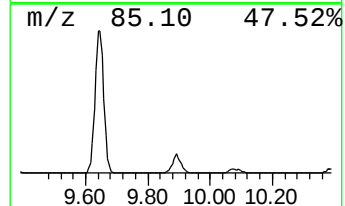
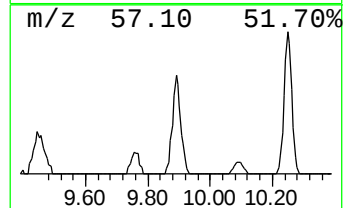
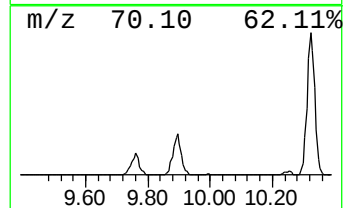
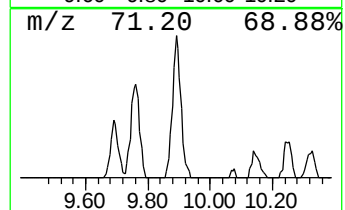
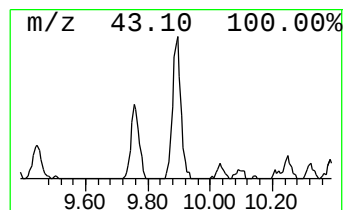
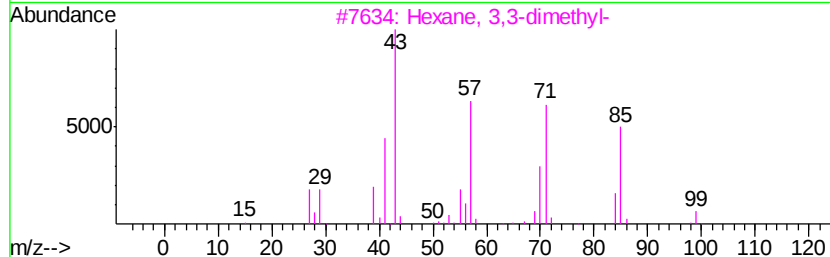
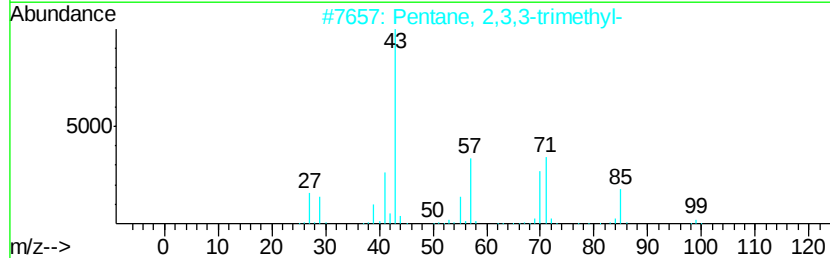
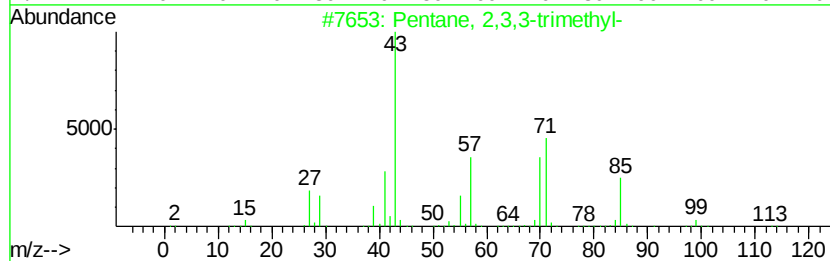
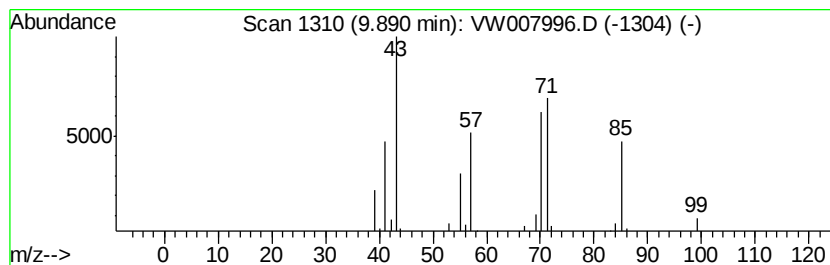
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TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	3.36 ug/L	29002	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	59
3			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	56
4			Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	53
5			Heptane, 4-methyl-	114	C8H18	000589-53-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW122818\
Data File : VW007996.D
Acq On : 28 Dec 2018 10:12
Operator : SY/AP
Sample : J6540-17
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAEP8

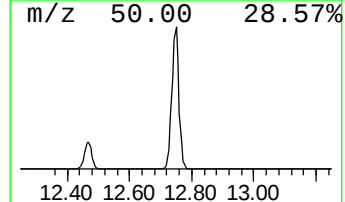
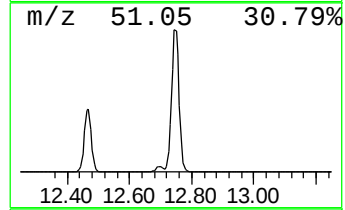
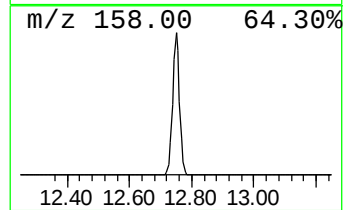
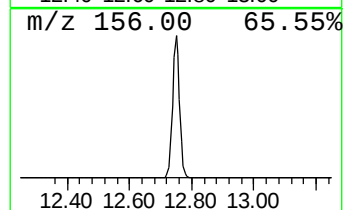
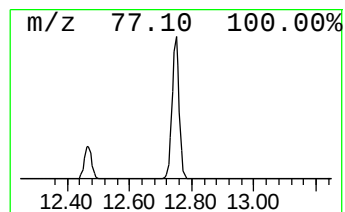
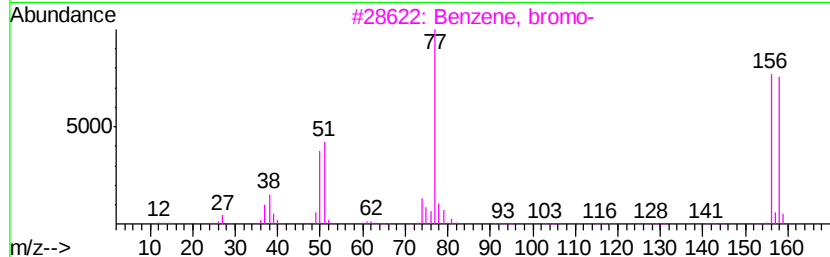
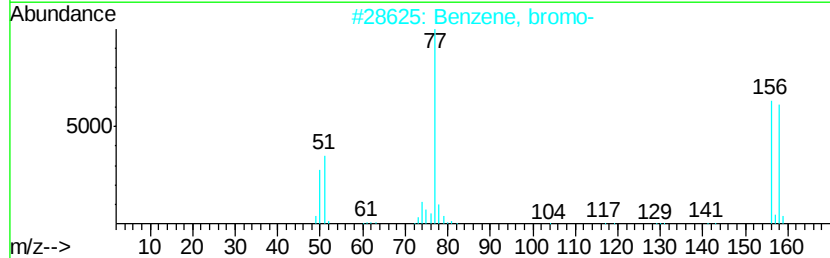
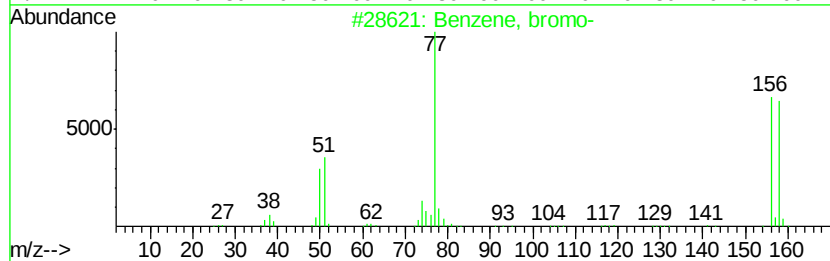
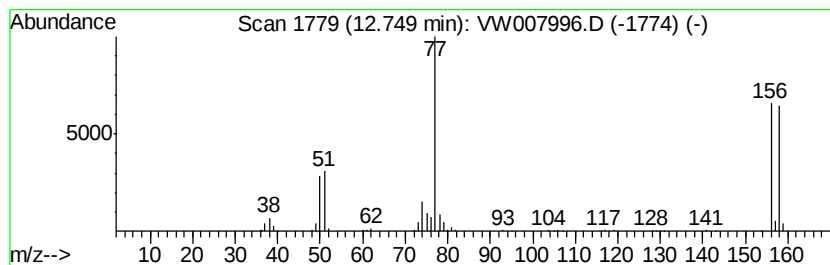
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Quant Title : VOC Analysis

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

Peak Number 9 Benzene, bromo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	18.45 ug/L	194081	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, bromo-	156	C6H5Br	000108-86-1	97
2		Benzene, bromo-	156	C6H5Br	000108-86-1	96
3		Benzene, bromo-	156	C6H5Br	000108-86-1	95
4		Benzene, bromo-	156	C6H5Br	000108-86-1	94
5		Benzene, bromo-	156	C6H5Br	000108-86-1	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122818\
Data File : VW007996.D
Acq On : 28 Dec 2018 10:12
Operator : SY/AP
Sample : J6540-17
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

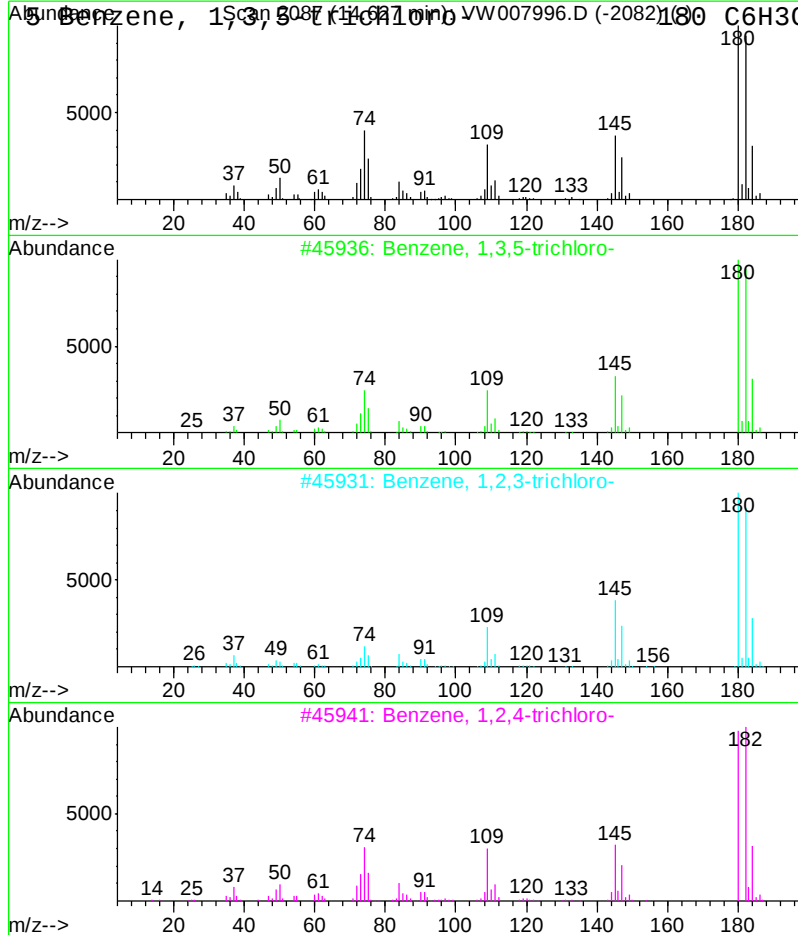
Instrument :
MSVOA_W
ClientSampleId :
GAEP8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis

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

Peak Number 11 Benzene, 1,3,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.63	23.86 ug/L	250924	1,4-Dichlorobenzene-d4	13.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
2	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
3	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	98
4	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97



m/z 180.00 100.00%

14.40 14.60 14.80 15.00

m/z 182.00 94.14%

14.40 14.60 14.80 15.00

m/z 74.10 39.51%

14.40 14.60 14.80 15.00

m/z 145.00 36.85%

14.40 14.60 14.80 15.00

m/z 109.00 31.69%

14.40 14.60 14.80 15.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122818\
Data File : VW007996.D
Acq On : 28 Dec 2018 10:12
Operator : SY/AP
Sample : J6540-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAEP8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.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
1-Propene, 2-meth...	3.81	2.6	ug/L	22143	1	8.84	215543	25.0
(DEL) Alkane: Str...	9.76	1.3	ug/L	11467	1	8.84	215543	25.0
(DEL) Alkane: Str...	9.89	3.4	ug/L	29002	1	8.84	215543	25.0
Benzene, bromo-	12.75	18.4	ug/L	194081	3	13.57	262945	25.0
Benzene, 1,3,5-tr...	14.63	23.9	ug/L	250924	3	13.57	262945	25.0