

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120619\
 Data File : VW014242.D
 Acq On : 06 Dec 2019 10:36
 Operator : SY/VA
 Sample : K6149-01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBBY9

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\SOM2WLM120519S.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	1.965	5	10	16	rVB3	14007	27026	0.52%	0.030%
2	2.154	35	41	46	rBV	57405	109414	2.09%	0.121%
3	2.209	46	50	59	rVV	282404	441560	8.42%	0.487%
4	2.318	62	68	70	rVV	294954	459416	8.77%	0.507%
5	2.349	70	73	90	rVB	446376	890349	16.99%	0.982%
6	2.635	112	120	132	rBV	14876	51485	0.98%	0.057%
7	2.776	135	143	152	rVV2	120606	290157	5.54%	0.320%
8	2.885	152	161	177	rVB	242480	654829	12.49%	0.722%
9	3.251	212	221	234	rVB	126785	336038	6.41%	0.371%
10	3.385	237	243	253	rVB3	15184	41955	0.80%	0.046%
11	3.812	305	313	323	rVB	23540	59390	1.13%	0.065%
12	4.025	335	348	358	rBV4	912759	3441861	65.67%	3.796%
13	4.111	358	362	380	rVV	229391	634941	12.11%	0.700%
14	4.391	401	408	410	rBV3	6010	11572	0.22%	0.013%
15	4.665	443	453	470	rBV	164874	499961	9.54%	0.551%
16	4.909	480	493	514	rBV2	212346	838916	16.01%	0.925%
17	5.153	520	533	534	rBV2	11638	27544	0.53%	0.030%
18	5.415	561	576	597	rVV2	656568	2204474	42.06%	2.431%
19	5.745	619	630	640	rBV5	10916	37992	0.72%	0.042%
20	5.915	654	658	659	rVV2	3457	3284	0.06%	0.004%
21	5.940	659	662	666	rVB4	2883	5026	0.10%	0.006%
22	7.074	837	848	852	rBV	146553	384373	7.33%	0.424%
23	7.165	852	863	883	rVB2	781537	2457817	46.89%	2.711%
24	7.506	908	919	931	rBV	326738	820790	15.66%	0.905%
25	7.641	931	941	957	rVB	730013	1820541	34.74%	2.008%
26	7.866	967	978	985	rBV	289251	744447	14.20%	0.821%
27	7.952	985	992	1002	rVV	529013	1394805	26.61%	1.538%
28	8.061	1002	1010	1022	rVV	339959	862724	16.46%	0.951%
29	8.147	1022	1024	1031	rVB8	4163	7619	0.15%	0.008%
30	8.269	1031	1044	1058	rBV3	1753809	5241173	100.00%	5.780%
31	8.397	1058	1065	1073	rVB	216907	456029	8.70%	0.503%
32	8.677	1106	1111	1120	rVB7	6895	20017	0.38%	0.022%
33	8.842	1126	1138	1151	rBV	1389869	2809728	53.61%	3.099%
34	9.085	1163	1178	1192	rBV	1989912	3977399	75.89%	4.386%

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35	9.268	1199	1208	1213	rBV	1010479	2089166	39.86%	2.304%
36	9.329	1213	1218	1231	rVB2	1948654	4916394	93.80%	5.422%
37	9.439	1231	1236	1252	rVB	83448	193690	3.70%	0.214%
38	9.640	1257	1269	1276	rBV	603888	1169149	22.31%	1.289%
39	9.689	1276	1277	1282	rVB	28254	28420	0.54%	0.031%
40	9.756	1282	1288	1299	rVB	48296	100998	1.93%	0.111%
41	9.890	1301	1310	1318	rBV	120652	258562	4.93%	0.285%
42	10.030	1318	1333	1336	rBV	586770	1080679	20.62%	1.192%
43	10.067	1336	1339	1348	rVB	714898	1243373	23.72%	1.371%
44	10.146	1348	1352	1358	rVB	14876	26093	0.50%	0.029%
45	10.213	1358	1363	1364	rBV3	10858	16031	0.31%	0.018%
46	10.244	1364	1368	1373	rVB	66639	110602	2.11%	0.122%
47	10.323	1373	1381	1386	rBV	2235638	4016559	76.63%	4.430%
48	10.384	1386	1391	1404	rVB	2039923	3528918	67.33%	3.892%
49	10.500	1407	1410	1415	rVB5	4357	6150	0.12%	0.007%
50	10.579	1415	1423	1425	rBV	416910	774234	14.77%	0.854%
51	10.701	1436	1443	1451	rBV	455909	841246	16.05%	0.928%
52	10.768	1451	1454	1460	rVB2	17574	28761	0.55%	0.032%
53	10.860	1460	1469	1475	rBV	2421704	4244663	80.99%	4.681%
54	10.920	1475	1479	1483	rVV	584102	976620	18.63%	1.077%
55	10.963	1483	1486	1492	rVV	520421	878382	16.76%	0.969%
56	11.012	1492	1494	1497	rVV	41779	56107	1.07%	0.062%
57	11.061	1497	1502	1507	rVV	123907	203871	3.89%	0.225%
58	11.128	1507	1513	1518	rVV	508605	891909	17.02%	0.984%
59	11.177	1518	1521	1529	rVB2	33797	52130	0.99%	0.057%
60	11.274	1534	1537	1540	rBV5	2319	3249	0.06%	0.004%
61	11.341	1544	1548	1551	rBV5	4119	6160	0.12%	0.007%
62	11.439	1553	1564	1572	rVB	181831	335584	6.40%	0.370%
63	11.542	1578	1581	1585	rVB6	2733	3485	0.07%	0.004%
64	11.628	1585	1595	1604	rBV	1977745	3280365	62.59%	3.618%
65	11.725	1604	1611	1622	rVV	1655898	2719250	51.88%	2.999%
66	11.841	1622	1630	1644	rVV	1105786	1772200	33.81%	1.954%
67	12.061	1664	1666	1671	rVB4	3906	5787	0.11%	0.006%
68	12.164	1673	1683	1691	rBV	1298992	2055845	39.22%	2.267%
69	12.463	1725	1732	1741	rBV	1495093	2352493	44.88%	2.594%
70	12.609	1748	1756	1762	rVB	259964	446624	8.52%	0.493%
71	12.688	1762	1769	1773	rBV	790527	1297355	24.75%	1.431%

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72	12.743	1773	1778	1792	rVB	1553913	2590010	49.42%	2.856%
73	12.932	1804	1809	1816	rBV	42776	65651	1.25%	0.072%
74	13.030	1816	1825	1829	rVV8	9640	27581	0.53%	0.030%
75	13.079	1829	1833	1838	rVB4	8300	12945	0.25%	0.014%
76	13.188	1846	1851	1855	rBV2	6472	11408	0.22%	0.013%
77	13.292	1860	1868	1875	rVB2	35593	67005	1.28%	0.074%
78	13.408	1878	1887	1891	rBV2	13977	25003	0.48%	0.028%
79	13.499	1894	1902	1906	rBV	1565819	2602284	49.65%	2.870%
80	13.554	1906	1911	1924	rVB	1911333	3118725	59.50%	3.439%
81	13.761	1940	1945	1948	rBV3	13072	24059	0.46%	0.027%
82	13.792	1948	1950	1953	rVV4	10043	14556	0.28%	0.016%
83	13.853	1953	1960	1974	rVV3	2136084	4263191	81.34%	4.702%
84	13.950	1974	1976	1979	rVV4	8028	9179	0.18%	0.010%
85	14.017	1984	1987	1990	rBV4	5368	8159	0.16%	0.009%
86	14.066	1990	1995	2002	rVB2	72147	119988	2.29%	0.132%
87	14.200	2012	2017	2021	rVB7	6393	12433	0.24%	0.014%
88	14.304	2029	2034	2035	rBV5	4841	6363	0.12%	0.007%
89	14.322	2035	2037	2041	rVV4	6603	11498	0.22%	0.013%
90	14.359	2041	2043	2052	rVB7	5133	9283	0.18%	0.010%
91	14.481	2056	2063	2073	rVB	189818	321369	6.13%	0.354%
92	14.627	2079	2087	2096	rVV	1991703	3128570	59.69%	3.450%
93	14.725	2099	2103	2108	rVB8	6985	12398	0.24%	0.014%
94	15.109	2160	2166	2167	rBV6	3115	4878	0.09%	0.005%
95	15.139	2167	2171	2174	rVB4	3012	4850	0.09%	0.005%
96	15.267	2189	2192	2195	rBV5	3955	5945	0.11%	0.007%
97	15.438	2211	2220	2226	rBV	57269	101580	1.94%	0.112%
98	15.487	2226	2228	2233	rVB3	4903	8432	0.16%	0.009%
99	15.554	2235	2239	2243	rVB7	3034	5356	0.10%	0.006%
100	15.694	2256	2262	2266	rBV9	3875	8059	0.15%	0.009%

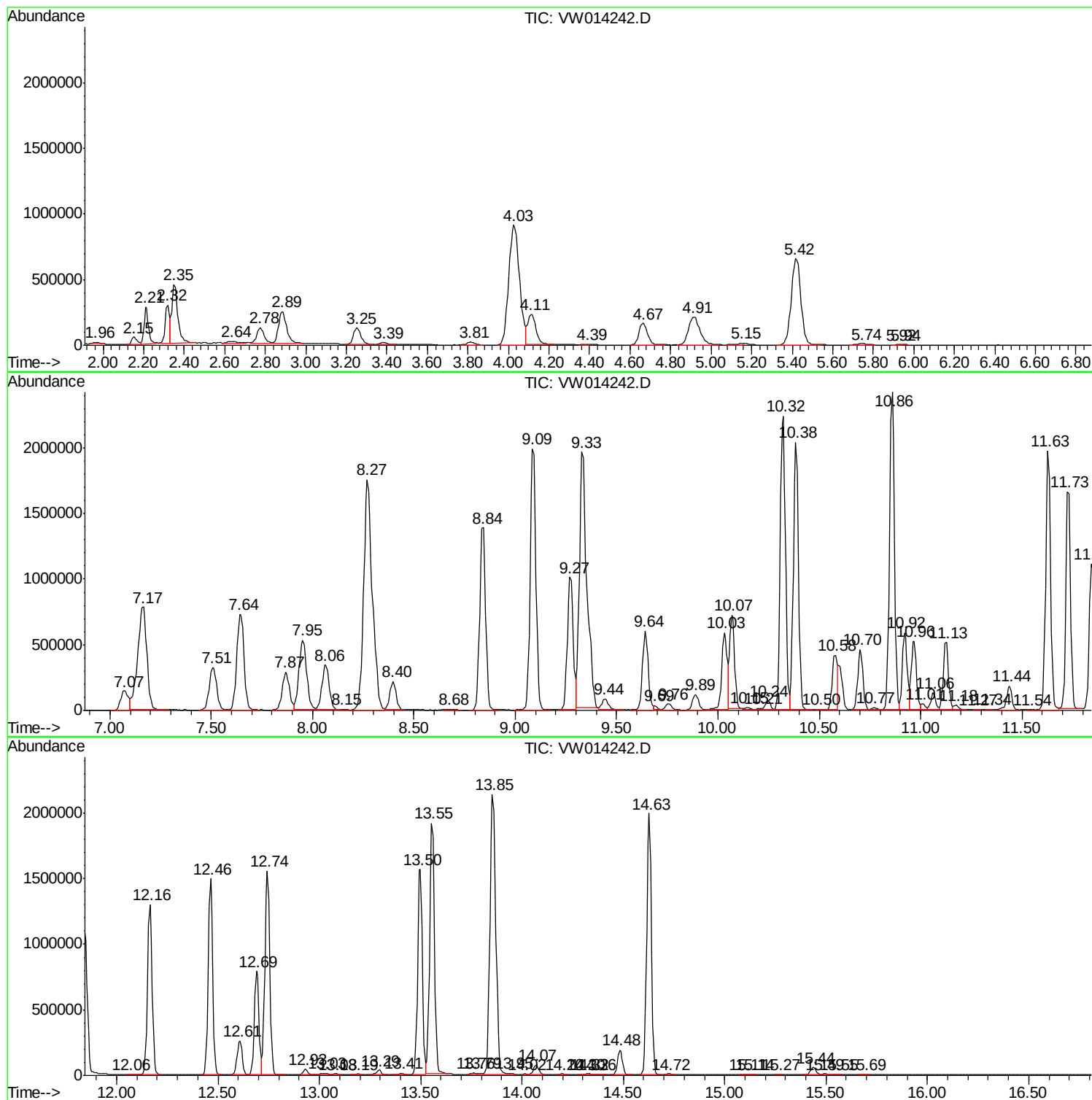
Sum of corrected areas: 90676514

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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



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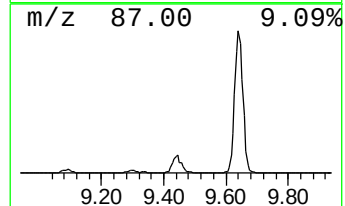
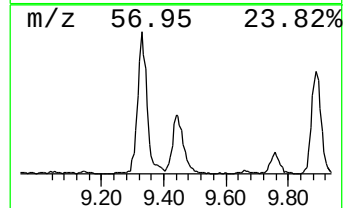
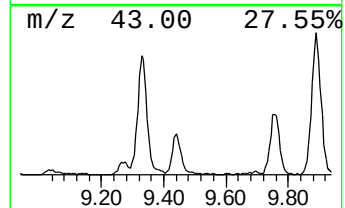
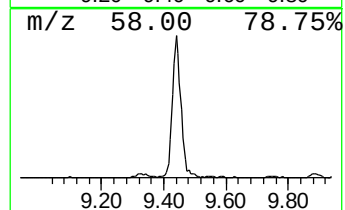
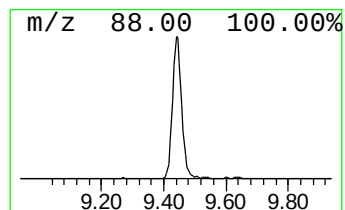
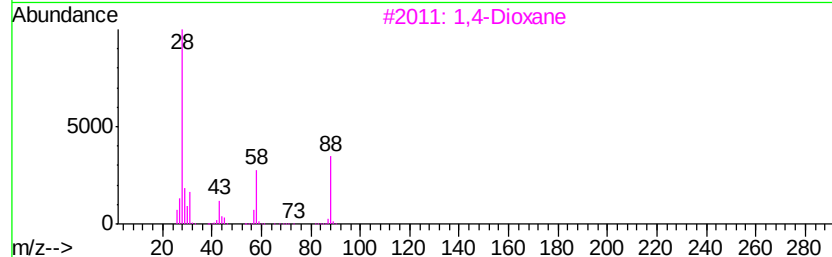
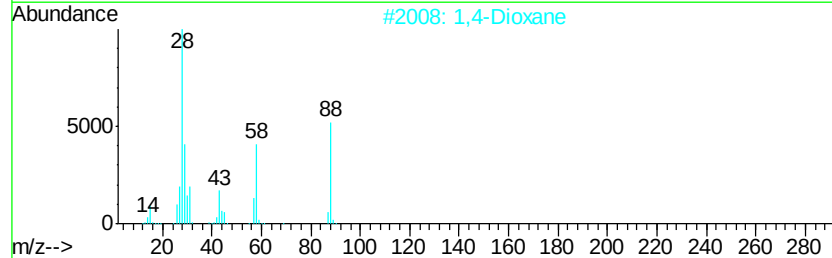
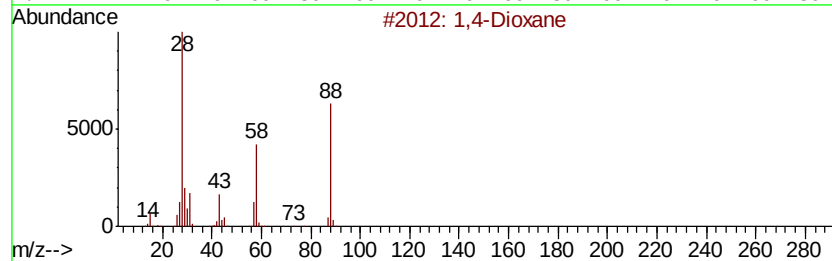
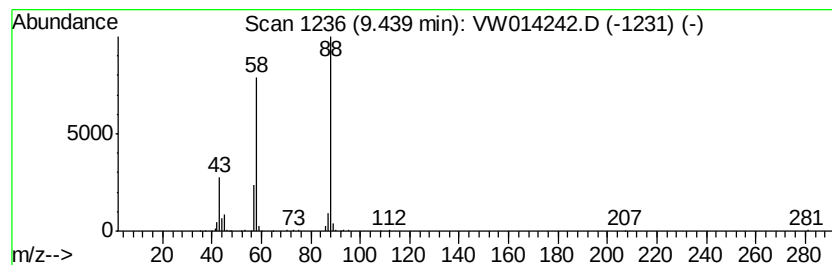
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 1 1,4-Dioxane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	1.72 ug/L	193690	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dioxane	88	C4H8O2	000123-91-1	86
2		1,4-Dioxane	88	C4H8O2	000123-91-1	83
3		1,4-Dioxane	88	C4H8O2	000123-91-1	83
4		1,4-Dioxane	88	C4H8O2	000123-91-1	59
5		1,3,6-Trioxocane	118	C5H10O3	001779-19-7	43



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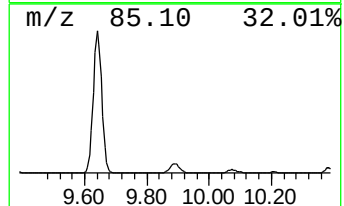
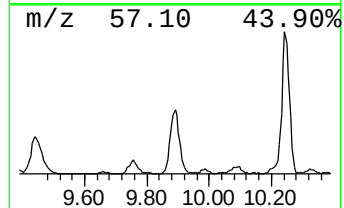
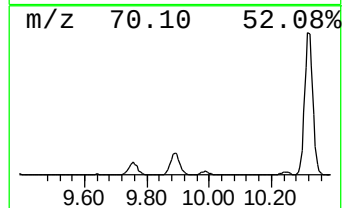
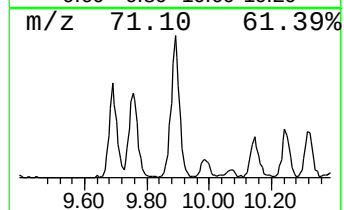
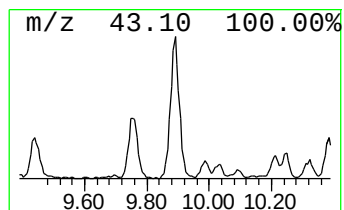
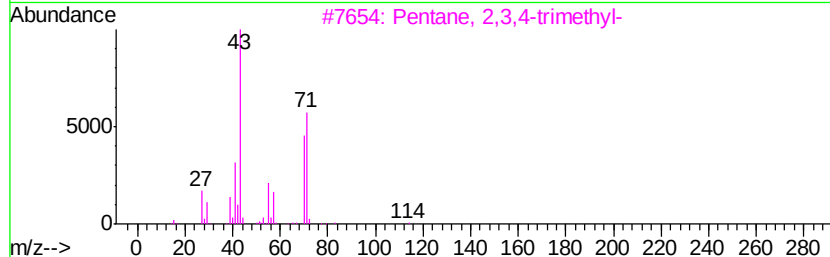
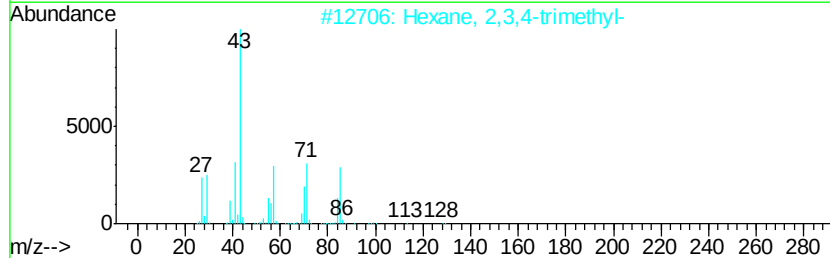
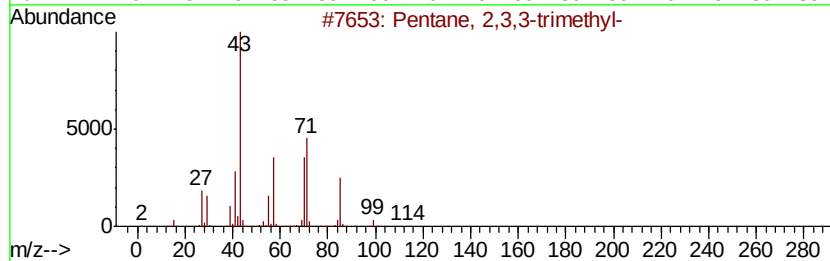
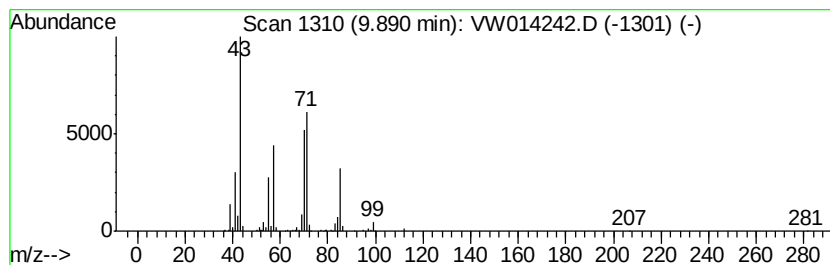
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Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	2.30 ug/L	258562	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
3		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59
4		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59
5		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59



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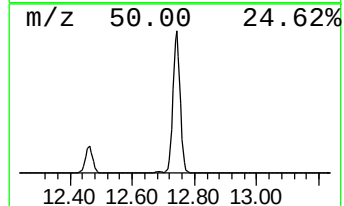
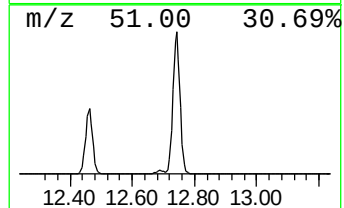
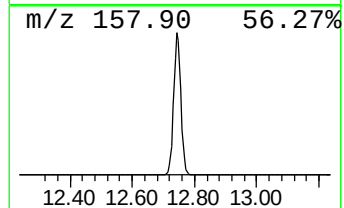
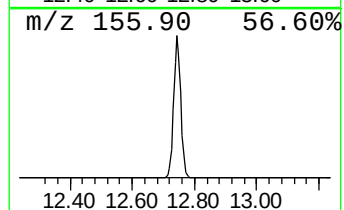
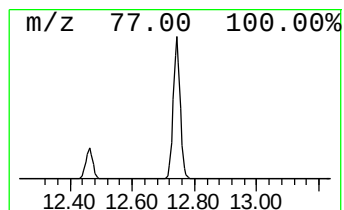
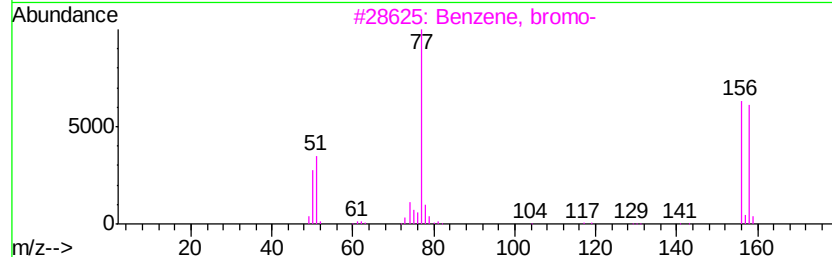
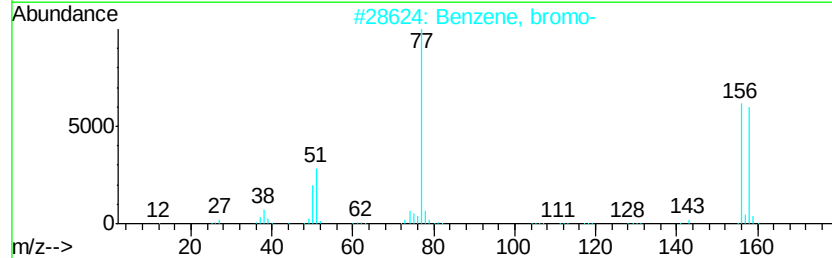
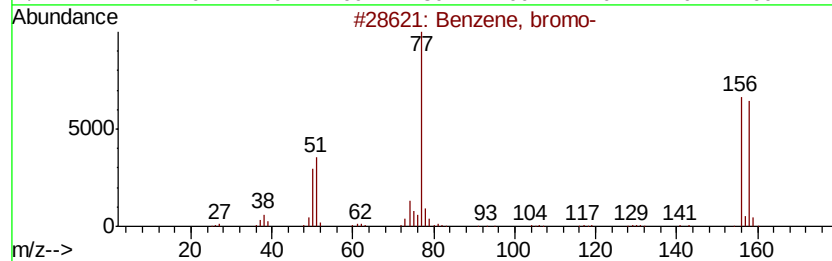
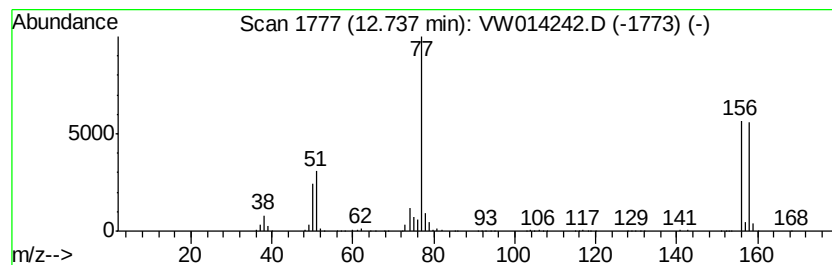
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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, bromo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	20.76 ug/L	2590010	1,4-Dichlorobenzene-d4	13.55

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	97
3		Benzene, bromo-	156	C6H5Br	000108-86-1	96
4		Benzene, bromo-	156	C6H5Br	000108-86-1	96
5		Benzene, bromo-	156	C6H5Br	000108-86-1	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120619\
Data File : VW014242.D
Acq On : 06 Dec 2019 10:36
Operator : SY/VA
Sample : K6149-01
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBBY9

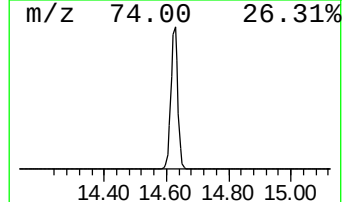
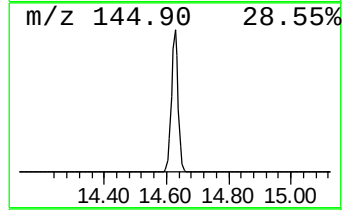
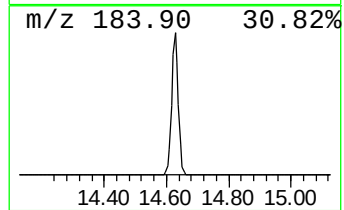
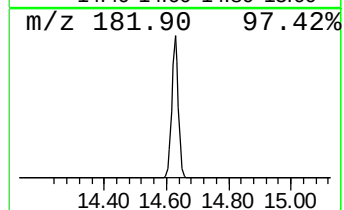
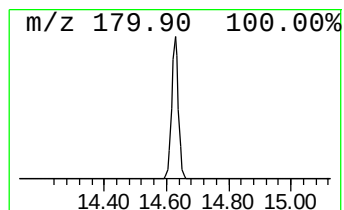
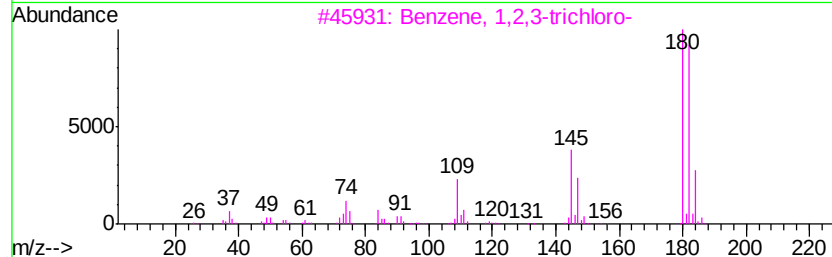
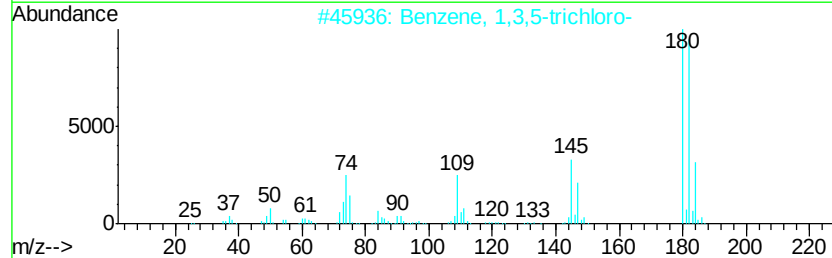
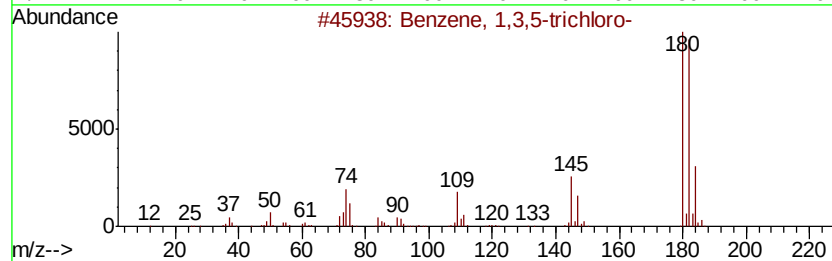
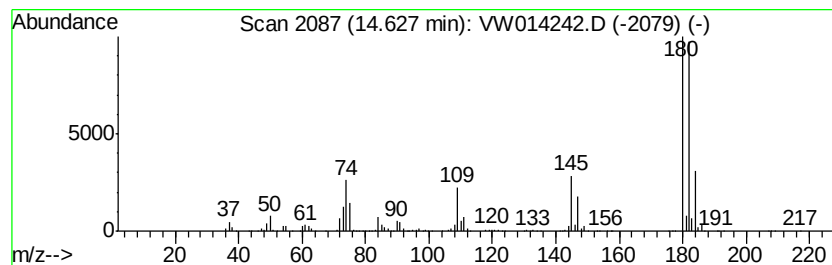
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Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 1,3,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	25.08 ug/L	3128570	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
2		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
3		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
4		Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	98
5		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120619\
Data File : VW014242.D
Acq On : 06 Dec 2019 10:36
Operator : SY/VA
Sample : K6149-01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBBY9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.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
1,4-Dioxane	9.44	1.7	ug/L	193690	1	8.84	2809730	25.0
(DEL) Alkane: Str...	9.89	2.3	ug/L	258562	1	8.84	2809730	25.0
Benzene, bromo-	12.74	20.8	ug/L	2590010	3	13.55	3118730	25.0
Benzene, 1,3,5-tr...	14.63	25.1	ug/L	3128570	3	13.55	3118730	25.0