

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011420\
 Data File : VW014627.D
 Acq On : 14 Jan 2020 11:29
 Operator : SY/VA
 Sample : L1109-20
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASH9

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\SOM2WLM122719S.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	17	rVV2	7191	14531	0.32%	0.018%
2	2.013	17	18	21	rVB2	2270	2183	0.05%	0.003%
3	2.154	35	41	46	rBV	45795	81241	1.78%	0.099%
4	2.208	46	50	60	rVV	271194	408939	8.96%	0.498%
5	2.318	62	68	70	rVV	250541	387974	8.50%	0.472%
6	2.349	70	73	87	rVB	342624	661807	14.50%	0.806%
7	2.556	105	107	110	rBV4	2818	3150	0.07%	0.004%
8	2.635	112	120	127	rBV8	13693	36104	0.79%	0.044%
9	2.769	135	142	152	rBV	109531	255529	5.60%	0.311%
10	2.879	153	160	175	rVB	207856	529730	11.61%	0.645%
11	3.251	212	221	235	rVB	110691	290575	6.37%	0.354%
12	3.385	235	243	248	rBV4	10162	23960	0.53%	0.029%
13	3.531	264	267	270	rBV4	1644	2158	0.05%	0.003%
14	3.812	303	313	323	rVB2	37661	92360	2.02%	0.112%
15	4.025	334	348	358	rBV4	822400	3066571	67.20%	3.733%
16	4.111	358	362	381	rVB	219774	564002	12.36%	0.687%
17	4.385	405	407	414	rVB6	1364	2842	0.06%	0.003%
18	4.659	440	452	469	rBV	156769	462341	10.13%	0.563%
19	4.915	479	494	511	rBV2	196041	751170	16.46%	0.914%
20	5.159	520	534	545	rVB3	10772	42672	0.94%	0.052%
21	5.415	558	576	595	rBV	659981	2155510	47.24%	2.624%
22	5.744	621	630	640	rBV9	6779	25032	0.55%	0.030%
23	5.933	651	661	669	rBV4	10580	30076	0.66%	0.037%
24	6.915	817	822	825	rBV6	1279	3178	0.07%	0.004%
25	7.073	838	848	852	rBV	129205	341975	7.49%	0.416%
26	7.159	853	862	883	rVB2	718774	2115686	46.36%	2.575%
27	7.506	908	919	930	rBV	306179	767182	16.81%	0.934%
28	7.640	930	941	957	rVB	657117	1620722	35.52%	1.973%
29	7.866	967	978	984	rBV2	265294	678380	14.87%	0.826%
30	7.951	984	992	1002	rVV	496255	1320502	28.94%	1.607%
31	8.061	1002	1010	1025	rVB	326340	810698	17.77%	0.987%
32	8.268	1031	1044	1058	rBV2	1485993	4354926	95.43%	5.301%
33	8.396	1058	1065	1081	rVB	195024	432980	9.49%	0.527%
34	8.671	1105	1110	1121	rVB8	5381	13359	0.29%	0.016%

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35	8.835	1129	1137	1150	rBV	1283735	2590942	56.78%	3.154%
36	9.085	1166	1178	1193	rBV	1896950	3709056	81.28%	4.515%
37	9.268	1198	1208	1213	rBV	908357	1874719	41.08%	2.282%
38	9.329	1213	1218	1231	rVV2	1793969	4563295	100.00%	5.555%
39	9.439	1231	1236	1246	rVB	72032	148472	3.25%	0.181%
40	9.640	1257	1269	1276	rBV	563806	1104451	24.20%	1.344%
41	9.890	1301	1310	1317	rVB4	7250	15667	0.34%	0.019%
42	10.030	1317	1333	1336	rBV	510069	961338	21.07%	1.170%
43	10.067	1336	1339	1347	rVB	652543	1139764	24.98%	1.387%
44	10.146	1348	1352	1358	rVB2	14672	28747	0.63%	0.035%
45	10.207	1358	1362	1366	rBV3	5750	10381	0.23%	0.013%
46	10.244	1366	1368	1372	rVB4	5611	6923	0.15%	0.008%
47	10.323	1372	1381	1386	rBV	1999323	3608182	79.07%	4.392%
48	10.384	1386	1391	1405	rVB	1898188	3259203	71.42%	3.968%
49	10.579	1415	1423	1425	rBV	385699	703418	15.41%	0.856%
50	10.701	1436	1443	1451	rBV	438005	782411	17.15%	0.952%
51	10.762	1451	1453	1461	rVB7	4351	6664	0.15%	0.008%
52	10.859	1461	1469	1475	rBV	2280403	3933353	86.20%	4.788%
53	10.920	1475	1479	1483	rVV	505206	840042	18.41%	1.023%
54	10.963	1483	1486	1492	rVV	520717	858490	18.81%	1.045%
55	11.012	1492	1494	1498	rVV	49612	71088	1.56%	0.087%
56	11.060	1498	1502	1507	rVV	139430	225043	4.93%	0.274%
57	11.128	1507	1513	1519	rVV	477115	855062	18.74%	1.041%
58	11.176	1519	1521	1526	rVB3	15700	19339	0.42%	0.024%
59	11.335	1543	1547	1549	rVV3	1755	2282	0.05%	0.003%
60	11.438	1552	1564	1570	rBV	98709	179324	3.93%	0.218%
61	11.627	1586	1595	1605	rBV	1767328	2966339	65.00%	3.611%
62	11.725	1605	1611	1621	rVV	1528588	2538170	55.62%	3.090%
63	11.841	1623	1630	1642	rVB	1015155	1630522	35.73%	1.985%
64	12.030	1655	1661	1663	rBV6	2299	3125	0.07%	0.004%
65	12.164	1671	1683	1694	rBV	1219509	1950143	42.74%	2.374%
66	12.353	1707	1714	1715	rBV7	1843	3925	0.09%	0.005%
67	12.463	1725	1732	1741	rVV	1428645	2213878	48.51%	2.695%
68	12.609	1748	1756	1762	rVB	224837	381314	8.36%	0.464%
69	12.688	1762	1769	1773	rBV	702133	1147308	25.14%	1.397%
70	12.743	1773	1778	1786	rVB	1460733	2435047	53.36%	2.964%
71	12.932	1803	1809	1816	rBV	35976	54254	1.19%	0.066%

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72	13.011	1816	1822	1830	rVB8	7562	19299	0.42%	0.023%
73	13.078	1830	1833	1840	rVB7	4433	8937	0.20%	0.011%
74	13.194	1843	1852	1857	rBV3	7075	16953	0.37%	0.021%
75	13.298	1860	1869	1877	rVB	28529	58935	1.29%	0.072%
76	13.408	1879	1887	1891	rBV3	11185	22008	0.48%	0.027%
77	13.499	1894	1902	1906	rBV	1503199	2480879	54.37%	3.020%
78	13.554	1906	1911	1918	rVB	1784873	2836757	62.16%	3.453%
79	13.761	1940	1945	1948	rBV4	12701	20703	0.45%	0.025%
80	13.792	1948	1950	1952	rVV3	6700	8232	0.18%	0.010%
81	13.853	1953	1960	1974	rVV3	1943247	3911349	85.71%	4.761%
82	13.950	1974	1976	1980	rVB4	5445	5925	0.13%	0.007%
83	14.017	1984	1987	1990	rBV5	3203	5229	0.11%	0.006%
84	14.066	1990	1995	2001	rVB	45252	71893	1.58%	0.088%
85	14.194	2012	2016	2021	rVV5	5330	9298	0.20%	0.011%
86	14.304	2031	2034	2035	rVV3	4164	4651	0.10%	0.006%
87	14.322	2035	2037	2041	rVV4	6688	10575	0.23%	0.013%
88	14.359	2041	2043	2048	rVB5	3945	5329	0.12%	0.006%
89	14.487	2057	2064	2074	rVV	170861	297199	6.51%	0.362%
90	14.627	2079	2087	2096	rVV	1953717	3039277	66.60%	3.700%
91	14.724	2099	2103	2110	rVB8	5629	9281	0.20%	0.011%
92	15.029	2150	2153	2154	rBV3	1740	2065	0.05%	0.003%
93	15.139	2161	2171	2175	rBV3	4785	13627	0.30%	0.017%
94	15.346	2202	2205	2206	rBV3	3621	3271	0.07%	0.004%
95	15.438	2212	2220	2225	rBV	45428	80812	1.77%	0.098%
96	15.493	2225	2229	2234	rVV2	8067	15152	0.33%	0.018%
97	15.554	2235	2239	2242	rVB4	3714	4573	0.10%	0.006%
98	15.688	2258	2261	2265	rBV5	3857	5125	0.11%	0.006%
99	15.767	2270	2274	2277	rBV6	2645	4804	0.11%	0.006%
100	15.852	2284	2288	2292	rVB5	2077	3073	0.07%	0.004%

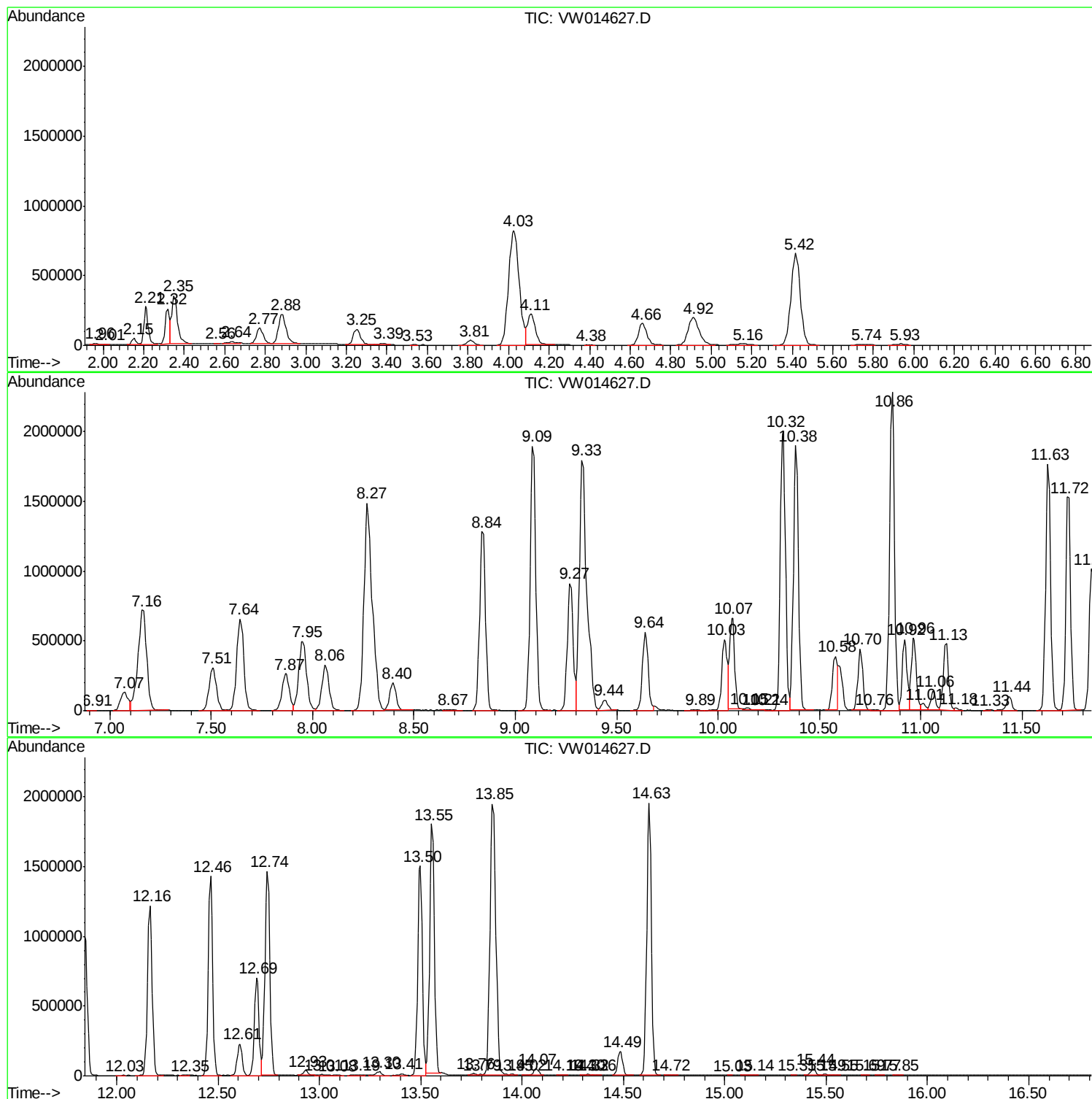
Sum of corrected areas: 82146937

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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



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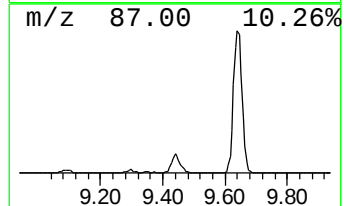
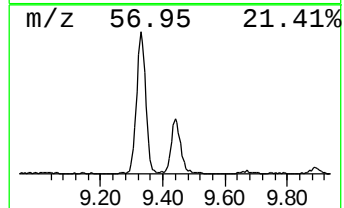
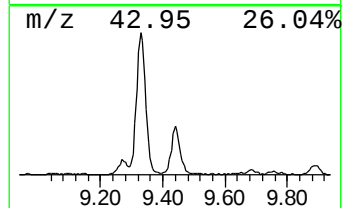
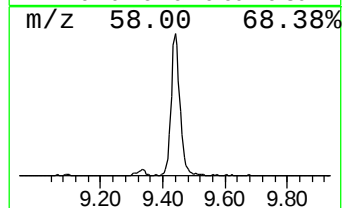
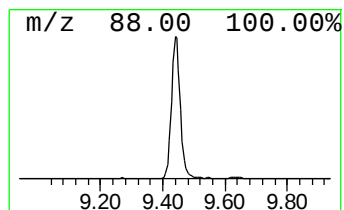
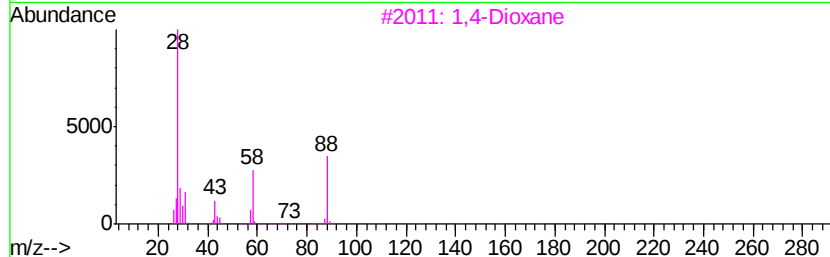
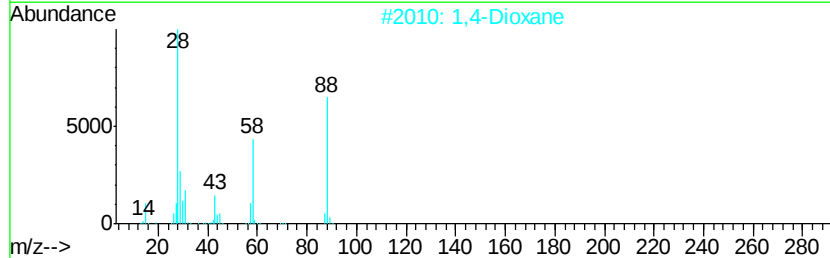
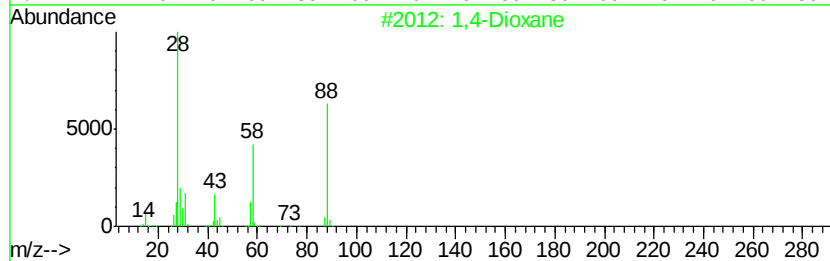
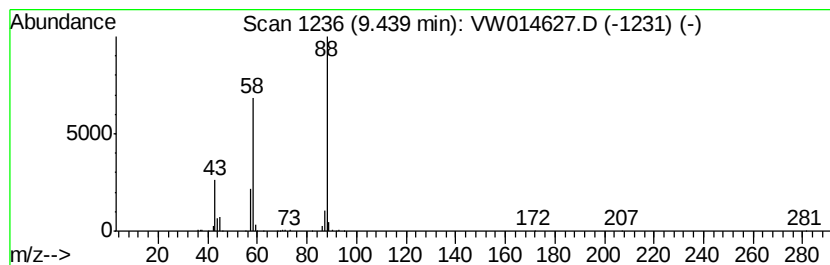
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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	1.43 ug/L	148472	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dioxane	88	C4H8O2	000123-91-1	91
2			1,4-Dioxane	88	C4H8O2	000123-91-1	90
3			1,4-Dioxane	88	C4H8O2	000123-91-1	83
4			1,4-Dioxane	88	C4H8O2	000123-91-1	78
5			1,3,6-Trioxocane	118	C5H10O3	001779-19-7	43



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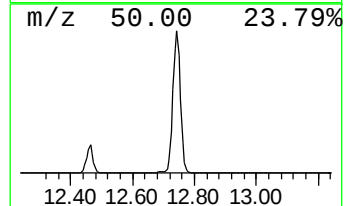
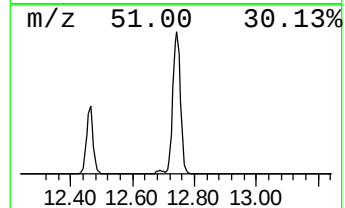
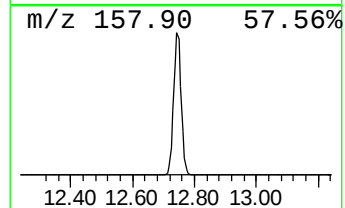
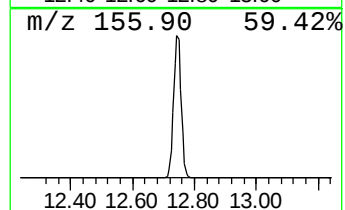
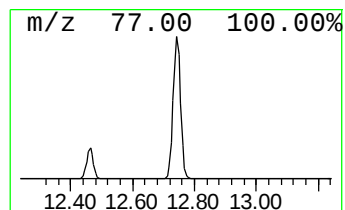
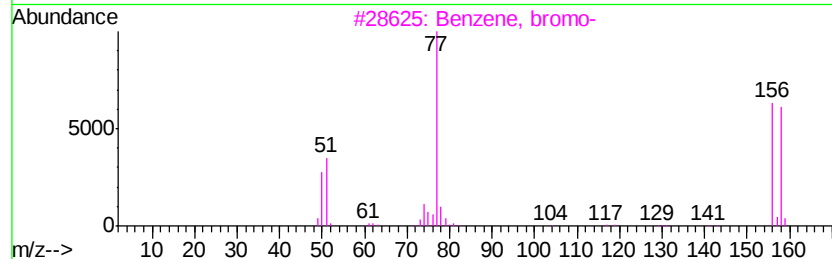
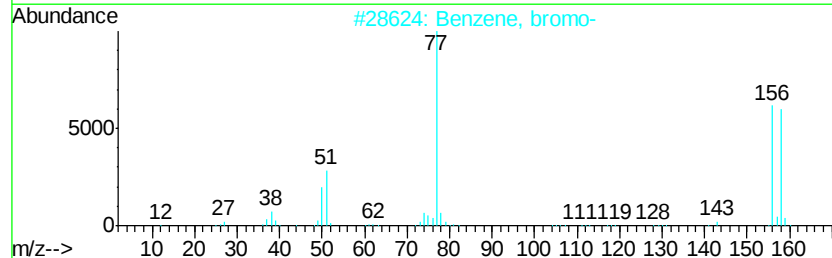
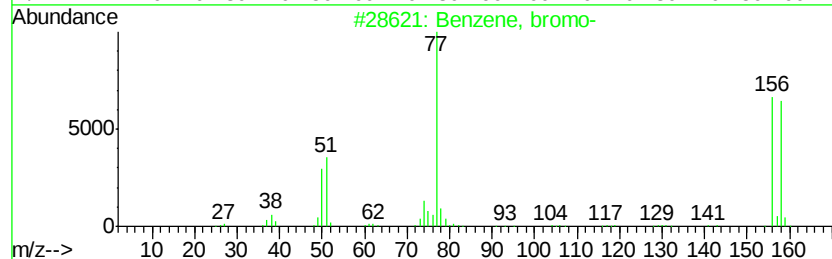
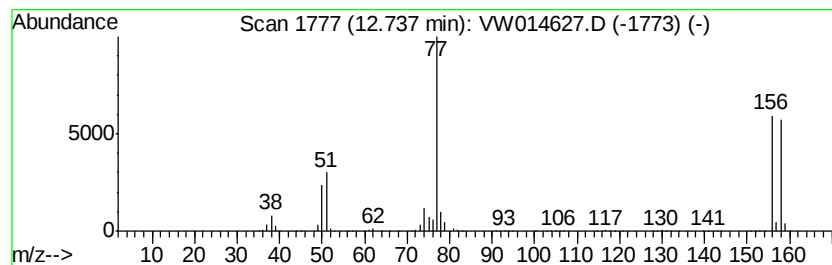
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Quant Title : VOC Analysis

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

Peak Number 6 Benzene, bromo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	21.46 ug/L	2435050	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



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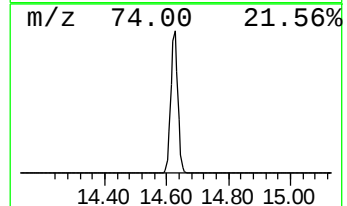
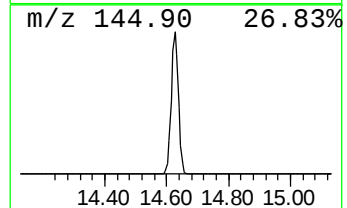
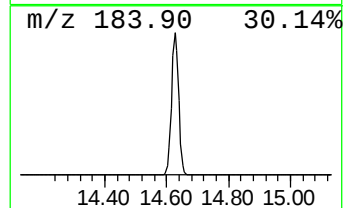
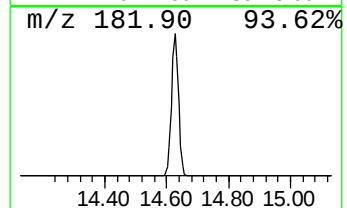
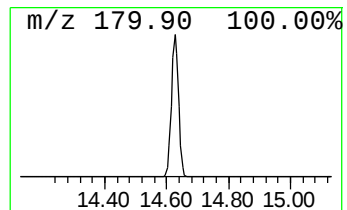
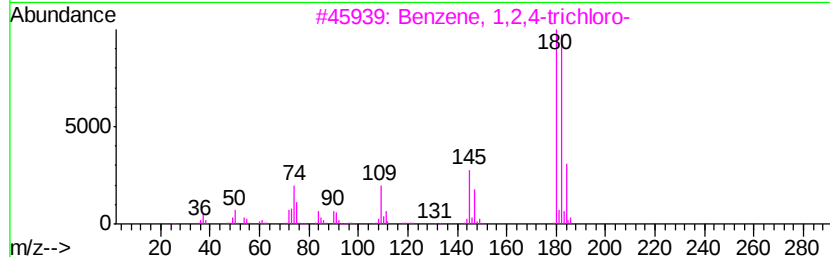
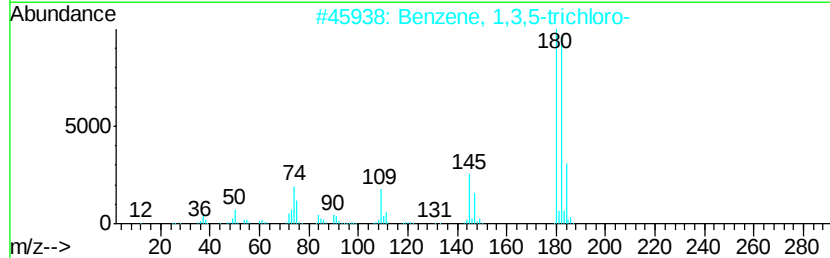
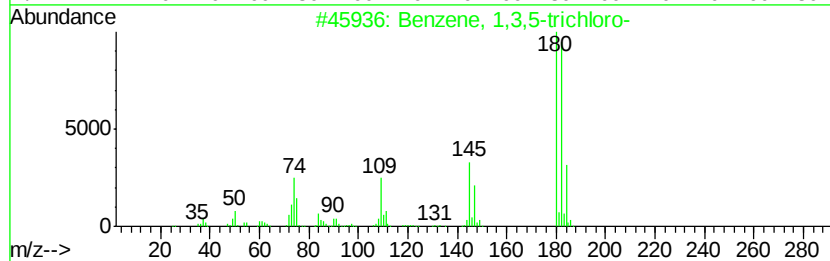
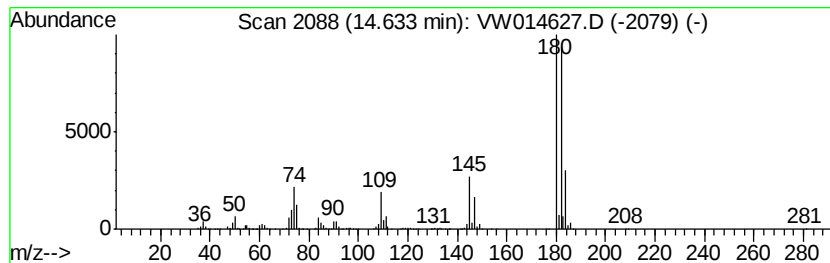
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Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1,3,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	26.78 ug/L	3039280	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, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	98
4		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
5		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011420\
Data File : VW014627.D
Acq On : 14 Jan 2020 11:29
Operator : SY/VA
Sample : L1109-20
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.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	1.4	ug/L	148472	1	8.84	2590940	25.0
Benzene, bromo-	12.74	21.5	ug/L	2435050	3	13.55	2836760	25.0
Benzene, 1,3,5-tr...	14.63	26.8	ug/L	3039280	3	13.55	2836760	25.0