

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050919\
 Data File : VV010806.D
 Acq On : 10 May 2019 10:59
 Operator : SY/MD
 Sample : K2737-09
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB847

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\SOM2VLM050719S.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	46	rBV	6491	5797	1.49%	0.084%
2	1.254	46	51	60	rVB	49241	45975	11.83%	0.669%
3	1.319	65	71	84	rVB	56916	56429	14.52%	0.821%
4	1.515	127	132	140	rVB	23649	21495	5.53%	0.313%
5	1.563	141	147	159	rVB	45809	55313	14.24%	0.805%
6	1.759	200	208	219	rBV	75389	96804	24.91%	1.408%
7	1.971	269	274	284	rBV3	2492	3372	0.87%	0.049%
8	2.129	311	323	334	rBV3	185558	312059	80.32%	4.540%
9	2.187	334	341	355	rVB	49885	71987	18.53%	1.047%
10	2.318	376	382	386	rBV3	1678	2306	0.59%	0.034%
11	2.457	416	425	439	rBV	22790	37259	9.59%	0.542%
12	2.534	439	449	467	rVB	39360	66150	17.03%	0.962%
13	2.650	481	485	488	rVB2	230	204	0.05%	0.003%
14	2.733	509	511	514	rBV	277	128	0.03%	0.002%
15	2.801	517	532	554	rBV2	124690	282913	72.81%	4.116%
16	2.942	573	576	581	rVB	225	197	0.05%	0.003%
17	3.010	595	597	600	rBV2	168	102	0.03%	0.001%
18	3.068	603	615	625	rBV5	3344	6327	1.63%	0.092%
19	3.238	664	668	669	rBV	166	122	0.03%	0.002%
20	3.273	676	679	684	rBV2	167	164	0.04%	0.002%
21	3.296	684	686	692	rVB2	187	132	0.03%	0.002%
22	3.325	692	695	698	rBV	154	113	0.03%	0.002%
23	3.373	706	710	713	rBV2	213	175	0.05%	0.003%
24	3.521	753	756	758	rBV	186	156	0.04%	0.002%
25	3.601	780	781	784	rVB	308	123	0.03%	0.002%
26	3.627	787	789	791	rVV	222	106	0.03%	0.002%
27	3.643	791	794	798	rVB2	258	232	0.06%	0.003%
28	3.717	814	817	820	rBV	157	159	0.04%	0.002%
29	3.875	863	866	868	rVB	263	111	0.03%	0.002%
30	3.955	872	891	916	rBV2	71688	191292	49.23%	2.783%
31	4.142	947	949	951	rBV	152	105	0.03%	0.002%
32	4.296	980	997	1012	rBV3	29309	68815	17.71%	1.001%
33	4.399	1016	1029	1056	rVB	57872	148750	38.28%	2.164%
34	4.543	1072	1074	1081	rVB2	267	154	0.04%	0.002%

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35	4.656	1090	1109	1118	rBV3	29509	72438	18.64%	1.054%
36	4.871	1159	1176	1194	rBV3	33833	79678	20.51%	1.159%
37	5.090	1227	1244	1260	rBV2	140775	350518	90.21%	5.099%
38	5.386	1332	1336	1341	rVB2	453	432	0.11%	0.006%
39	5.415	1341	1345	1346	rBV	165	144	0.04%	0.002%
40	5.482	1362	1366	1368	rBV	474	368	0.09%	0.005%
41	5.585	1396	1398	1401	rVB	274	115	0.03%	0.002%
42	5.662	1407	1422	1442	rBV	108444	222921	57.37%	3.243%
43	5.955	1500	1513	1529	rBV	170727	332018	85.45%	4.830%
44	6.113	1551	1562	1571	rBV	80625	158110	40.69%	2.300%
45	6.408	1646	1654	1672	rVB3	6316	12414	3.20%	0.181%
46	6.553	1687	1699	1718	rBV	55659	104457	26.88%	1.520%
47	6.675	1732	1737	1739	rBV2	1578	1444	0.37%	0.021%
48	6.772	1766	1767	1770	rBV	218	102	0.03%	0.001%
49	6.817	1775	1781	1785	rVV4	910	1080	0.28%	0.016%
50	6.875	1797	1799	1805	rVB2	182	181	0.05%	0.003%
51	6.923	1808	1814	1816	rBV	280	322	0.08%	0.005%
52	6.971	1827	1829	1832	rBV2	185	102	0.03%	0.001%
53	7.026	1835	1846	1852	rBV	46047	77273	19.89%	1.124%
54	7.174	1888	1892	1893	rBV2	393	236	0.06%	0.003%
55	7.296	1926	1930	1931	rBV	454	324	0.08%	0.005%
56	7.357	1937	1949	1961	rBV	163430	291258	74.96%	4.237%
57	7.431	1963	1972	1995	rVB	163929	298905	76.93%	4.348%
58	7.662	2034	2044	2049	rBV	30722	51592	13.28%	0.751%
59	7.785	2080	2082	2086	rBV2	350	211	0.05%	0.003%
60	7.807	2086	2089	2093	rBV2	207	140	0.04%	0.002%
61	7.916	2120	2123	2130	rBV	148	104	0.03%	0.002%
62	8.016	2136	2154	2178	rBV	210068	374671	96.43%	5.451%
63	8.132	2181	2190	2198	rVV	42980	69976	18.01%	1.018%
64	8.180	2199	2205	2220	rVB	52041	83202	21.41%	1.210%
65	8.289	2229	2239	2254	rVB	49971	85113	21.91%	1.238%
66	8.389	2266	2270	2274	rBV2	216	294	0.08%	0.004%
67	8.466	2290	2294	2297	rBV2	194	144	0.04%	0.002%
68	8.514	2307	2309	2312	rBV2	174	104	0.03%	0.002%
69	8.675	2351	2359	2361	rBV2	198	270	0.07%	0.004%
70	8.756	2378	2384	2388	rBV2	168	190	0.05%	0.003%
71	8.894	2415	2427	2452	rBV	171425	298600	76.85%	4.344%

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72	9.055	2466	2477	2506	rBV	146699	246074	63.33%	3.580%
73	9.186	2507	2518	2535	rBV	92503	155859	40.11%	2.267%
74	9.302	2551	2554	2557	rVB2	250	160	0.04%	0.002%
75	9.386	2578	2580	2582	rBV2	175	118	0.03%	0.002%
76	9.508	2614	2618	2624	rBV2	245	305	0.08%	0.004%
77	9.588	2631	2643	2668	rBV	116039	194106	49.96%	2.824%
78	9.974	2752	2763	2787	rVB	137375	216675	55.77%	3.152%
79	10.125	2808	2810	2814	rVB2	196	109	0.03%	0.002%
80	10.170	2822	2824	2828	rBV	291	174	0.04%	0.003%
81	10.260	2840	2852	2876	rVB	219102	357691	92.06%	5.204%
82	10.421	2894	2902	2912	rBV2	3547	5445	1.40%	0.079%
83	10.807	3019	3022	3024	rBV2	505	266	0.07%	0.004%
84	10.919	3054	3057	3062	rBV2	245	244	0.06%	0.004%
85	10.955	3062	3068	3071	rBV3	471	385	0.10%	0.006%
86	11.225	3136	3152	3164	rBV	153560	246217	63.37%	3.582%
87	11.292	3164	3173	3191	rVB	177512	289510	74.51%	4.212%
88	11.431	3212	3216	3220	rBV2	613	521	0.13%	0.008%
89	11.672	3279	3291	3317	rVB3	183293	388543	100.00%	5.652%
90	11.874	3353	3354	3355	rBV3	341	121	0.03%	0.002%
91	11.968	3378	3383	3386	rBV	273	329	0.08%	0.005%
92	12.135	3431	3435	3438	rBV2	187	151	0.04%	0.002%
93	12.292	3480	3484	3493	rVB2	2418	2949	0.76%	0.043%
94	12.476	3532	3541	3552	rBV3	15095	23934	6.16%	0.348%
95	12.691	3597	3608	3622	rVB	195009	295291	76.00%	4.296%
96	12.968	3692	3694	3697	rBV2	218	102	0.03%	0.001%
97	13.305	3796	3799	3800	rBV	337	222	0.06%	0.003%
98	13.794	3944	3951	3963	rVB3	2422	3127	0.80%	0.045%
99	15.080	4349	4351	4352	rBV	289	118	0.03%	0.002%
100	15.675	4533	4536	4537	rBV	407	216	0.06%	0.003%

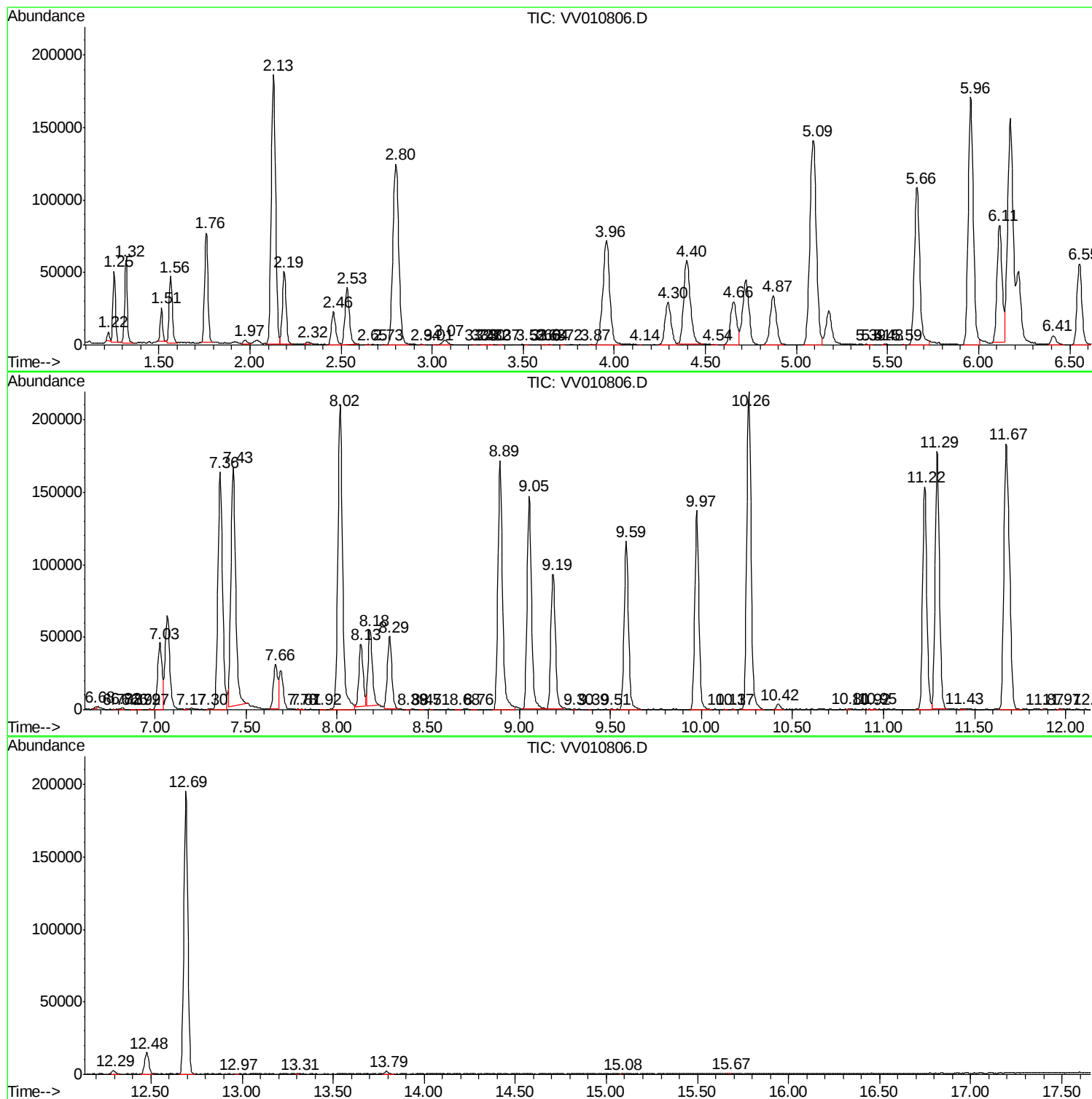
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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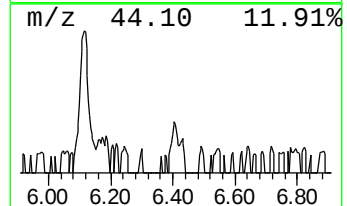
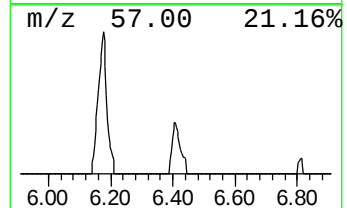
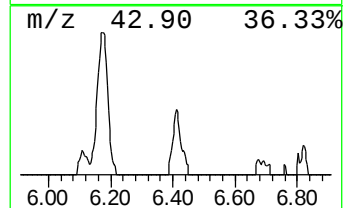
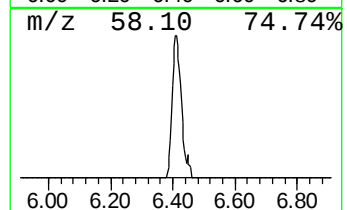
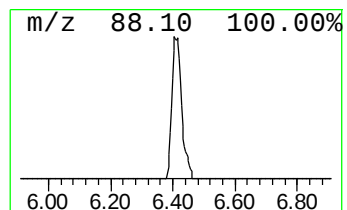
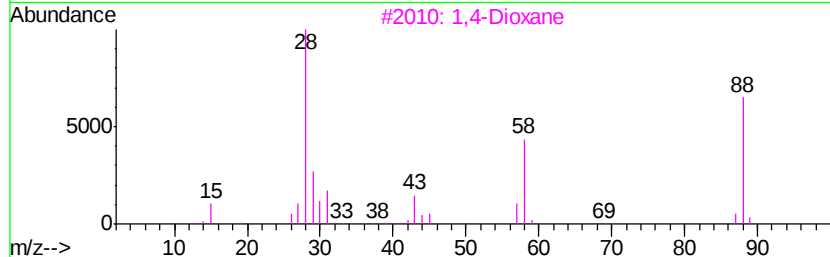
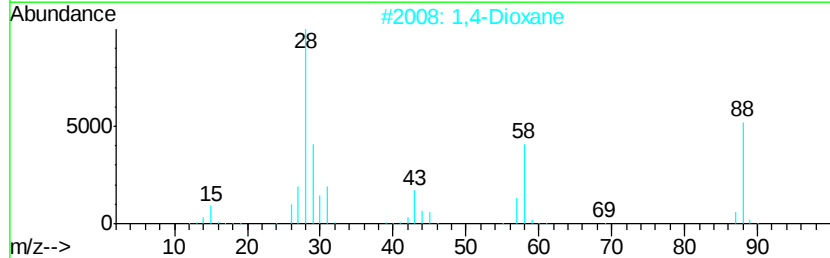
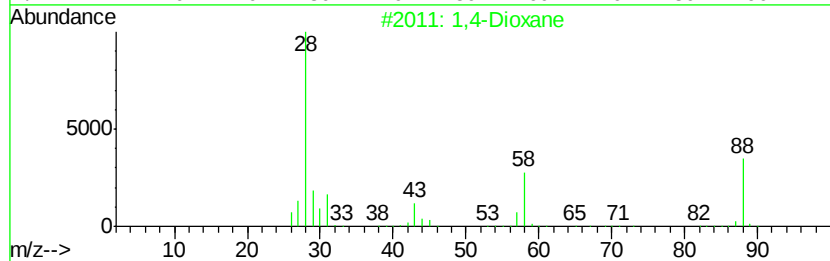
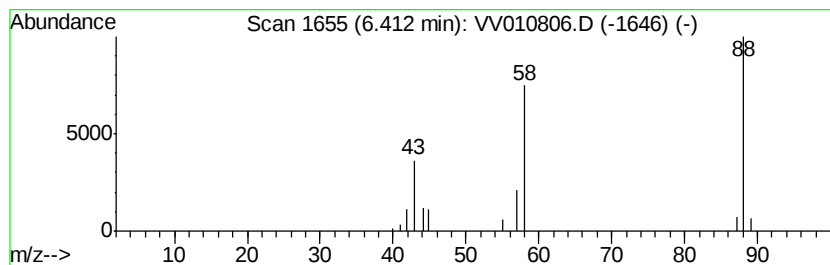
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

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

Peak Number 1 1,4-Dioxane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	1.39 ug/L	12414	1,4-Difluorobenzene	5.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dioxane	88	C4H8O2	000123-91-1	90
2			1,4-Dioxane	88	C4H8O2	000123-91-1	90
3			1,4-Dioxane	88	C4H8O2	000123-91-1	86
4			1,4-Dioxane	88	C4H8O2	000123-91-1	86
5			Urea, N,N'-dimethyl-	88	C3H8N2O	000096-31-1	72



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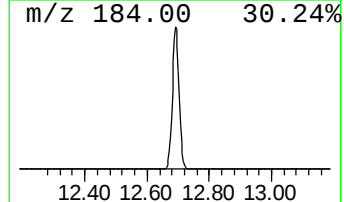
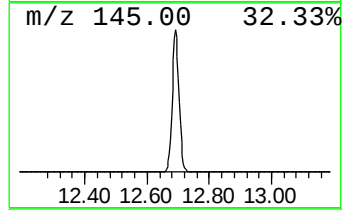
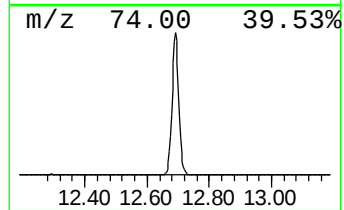
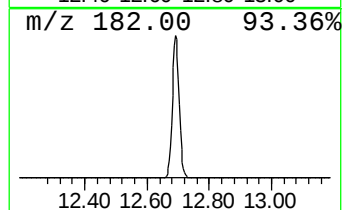
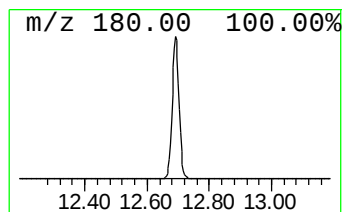
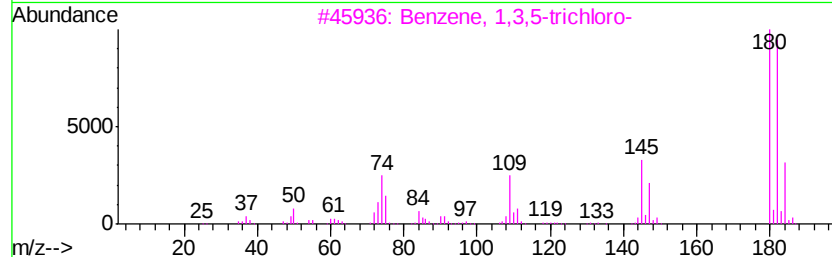
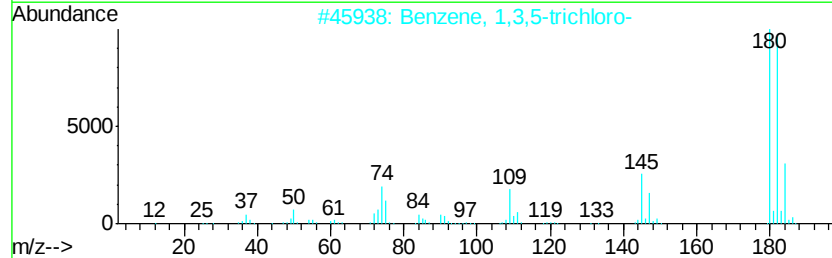
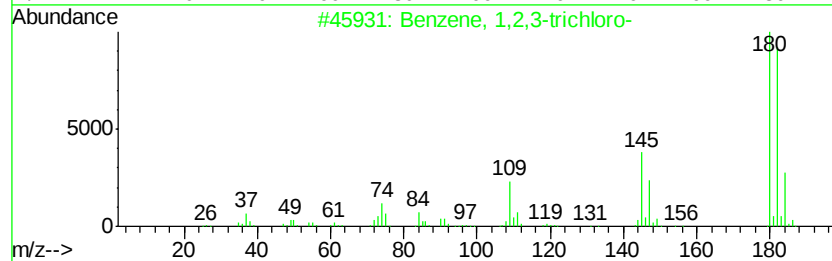
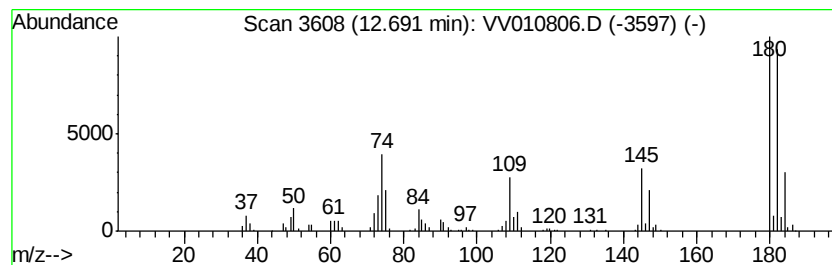
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Quant Title : VOC Analysis

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

Peak Number 2 Benzene, 1,3,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	25.50 ug/L	295291	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
2		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
3		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
4		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96
5		Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	96



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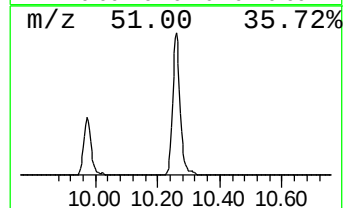
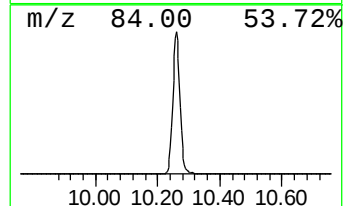
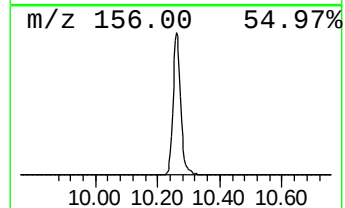
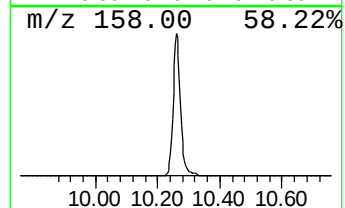
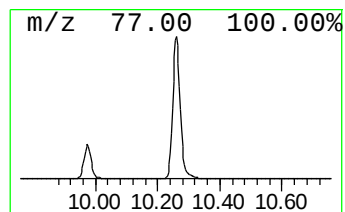
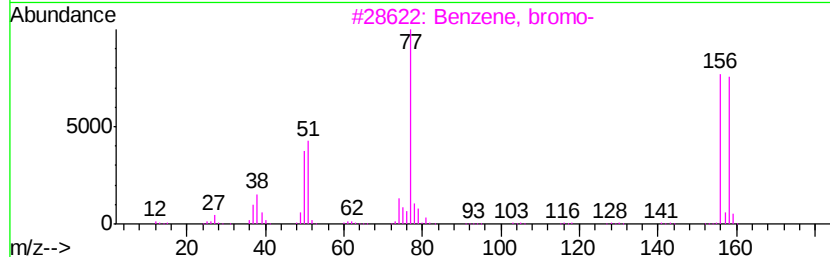
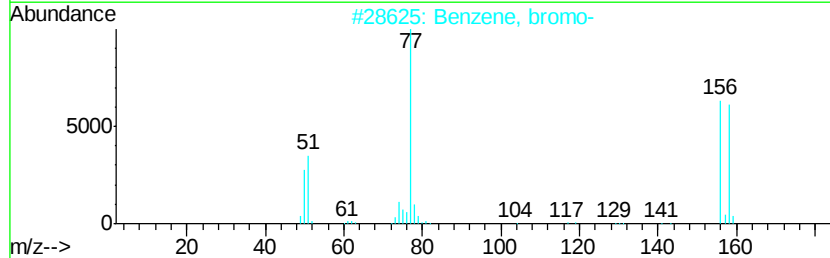
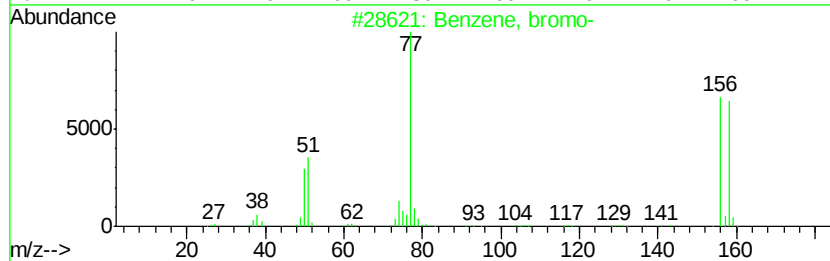
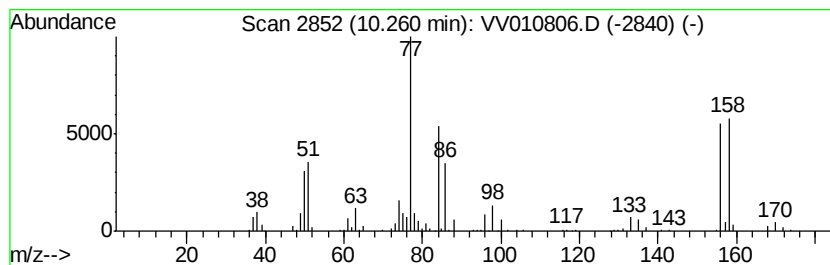
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, bromo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	30.89 ug/L	357691	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, bromo-	156	C6H5Br	000108-86-1	95
2		Benzene, bromo-	156	C6H5Br	000108-86-1	93
3		Benzene, bromo-	156	C6H5Br	000108-86-1	70
4		Benzene, bromo-	156	C6H5Br	000108-86-1	70
5		Benzene, bromo-	156	C6H5Br	000108-86-1	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV050919\
Data File : VV010806.D
Acq On : 10 May 2019 10:59
Operator : SY/MD
Sample : K2737-09
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB847

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.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	6.41	1.4	ug/L	12414	1	5.66	222921	25.0
Benzene, 1,3,5-tr...	12.69	25.5	ug/L	295291	3	11.30	289510	25.0
Benzene, bromo-	10.26	30.9	ug/L	357691	3	11.30	289510	25.0