

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041019\
 Data File : VV010231.D
 Acq On : 11 Apr 2019 00:53
 Operator : SY/MD
 Sample : K2278-01
 Misc : 5.00G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

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\SOM2VLM041019S.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	1.251	45	50	61	rVB	119415	110212	10.20%	0.637%
2	1.319	64	71	78	rVB	126068	123785	11.45%	0.716%
3	1.512	127	131	139	rVB	98386	96281	8.91%	0.557%
4	1.560	139	146	160	rVB	107487	132871	12.29%	0.768%
5	1.759	199	208	219	rVB	170545	225988	20.91%	1.307%
6	2.129	312	323	334	rBV3	432060	720021	66.62%	4.163%
7	2.357	392	394	397	rBV2	498	350	0.03%	0.002%
8	2.454	413	424	438	rBV	65020	102981	9.53%	0.595%
9	2.531	439	448	464	rVB	126323	211023	19.53%	1.220%
10	2.647	482	484	487	rBV3	782	519	0.05%	0.003%
11	2.801	515	532	549	rBV2	322885	718415	66.47%	4.154%
12	3.007	593	596	599	rVB2	740	470	0.04%	0.003%
13	3.026	599	602	604	rBV3	920	574	0.05%	0.003%
14	3.068	607	615	631	rVB4	6532	13341	1.23%	0.077%
15	3.161	642	644	647	rBV2	858	447	0.04%	0.003%
16	3.251	670	672	679	rVB4	365	376	0.03%	0.002%
17	3.331	694	697	704	rVB3	591	647	0.06%	0.004%
18	3.457	734	736	740	rVB2	655	431	0.04%	0.002%
19	3.958	871	892	917	rBV3	181804	499407	46.21%	2.888%
20	4.296	983	997	1013	rBV4	80423	191114	17.68%	1.105%
21	4.399	1017	1029	1060	rVB2	156115	401642	37.16%	2.322%
22	4.656	1093	1109	1119	rBV2	65767	165687	15.33%	0.958%
23	4.875	1162	1177	1196	rVB2	74179	177177	16.39%	1.024%
24	5.093	1226	1245	1261	rBV3	385189	958722	88.71%	5.543%
25	5.482	1364	1366	1372	rVB	706	566	0.05%	0.003%
26	5.531	1378	1381	1386	rBV4	730	695	0.06%	0.004%
27	5.589	1398	1399	1405	rVB2	442	360	0.03%	0.002%
28	5.663	1405	1422	1446	rBV	301822	609760	56.42%	3.526%
29	5.958	1499	1514	1534	rBV	450596	873280	80.80%	5.049%
30	6.116	1549	1563	1572	rBV	221668	443847	41.07%	2.566%
31	6.360	1635	1639	1644	rBV5	976	964	0.09%	0.006%
32	6.409	1646	1654	1672	rVB	18162	35724	3.31%	0.207%
33	6.553	1686	1699	1719	rBV	143863	269576	24.94%	1.559%
34	6.679	1729	1738	1757	rVB5	7458	16692	1.54%	0.097%

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 Title : VOC Analysis

35	6.778	1766	1769	1773	rBV5	715	628	0.06%	0.004%
36	6.823	1773	1783	1795	rVB6	3984	8933	0.83%	0.052%
37	6.872	1795	1798	1804	rVB4	740	776	0.07%	0.004%
38	7.029	1834	1847	1853	rBV	123942	218610	20.23%	1.264%
39	7.357	1937	1949	1961	rBV	478514	827085	76.53%	4.782%
40	7.431	1962	1972	1990	rVB	411874	719177	66.54%	4.158%
41	7.662	2033	2044	2049	rBV2	85830	140620	13.01%	0.813%
42	8.016	2141	2154	2180	rBV	556664	951486	88.04%	5.501%
43	8.132	2180	2190	2199	rBV	113085	192374	17.80%	1.112%
44	8.289	2230	2239	2254	rVB	141627	237562	21.98%	1.374%
45	8.389	2269	2270	2275	rVB3	678	372	0.03%	0.002%
46	8.531	2308	2314	2316	rBV4	635	478	0.04%	0.003%
47	8.550	2316	2320	2325	rVB4	830	728	0.07%	0.004%
48	8.595	2333	2334	2340	rVB3	417	358	0.03%	0.002%
49	8.672	2353	2358	2360	rBV3	453	412	0.04%	0.002%
50	8.749	2378	2382	2383	rBV	556	404	0.04%	0.002%
51	8.849	2409	2413	2414	rBV	540	376	0.03%	0.002%
52	8.894	2415	2427	2446	rBV	491413	805302	74.51%	4.656%
53	9.055	2466	2477	2495	rBV	340359	551070	50.99%	3.186%
54	9.187	2507	2518	2536	rBV	206046	351389	32.51%	2.032%
55	9.328	2556	2562	2564	rBV3	418	451	0.04%	0.003%
56	9.341	2564	2566	2573	rVB3	661	582	0.05%	0.003%
57	9.531	2621	2625	2628	rBV4	520	415	0.04%	0.002%
58	9.588	2630	2643	2659	rBV	275336	454517	42.06%	2.628%
59	9.704	2676	2679	2683	rVB2	688	501	0.05%	0.003%
60	9.788	2703	2705	2711	rVB3	644	394	0.04%	0.002%
61	9.852	2722	2725	2729	rVB2	797	523	0.05%	0.003%
62	9.974	2750	2763	2783	rBV	292686	476762	44.11%	2.757%
63	10.260	2838	2852	2876	rBV	604263	994319	92.00%	5.749%
64	10.363	2881	2884	2886	rBV2	916	549	0.05%	0.003%
65	10.502	2925	2927	2931	rBV3	570	438	0.04%	0.003%
66	10.563	2942	2946	2949	rBV4	426	413	0.04%	0.002%
67	10.621	2962	2964	2971	rVV4	865	865	0.08%	0.005%
68	10.881	3038	3045	3048	rVB2	521	515	0.05%	0.003%
69	10.955	3063	3068	3070	rBV2	889	763	0.07%	0.004%
70	11.022	3085	3089	3092	rBV2	503	363	0.03%	0.002%
71	11.077	3102	3106	3109	rVB2	531	538	0.05%	0.003%

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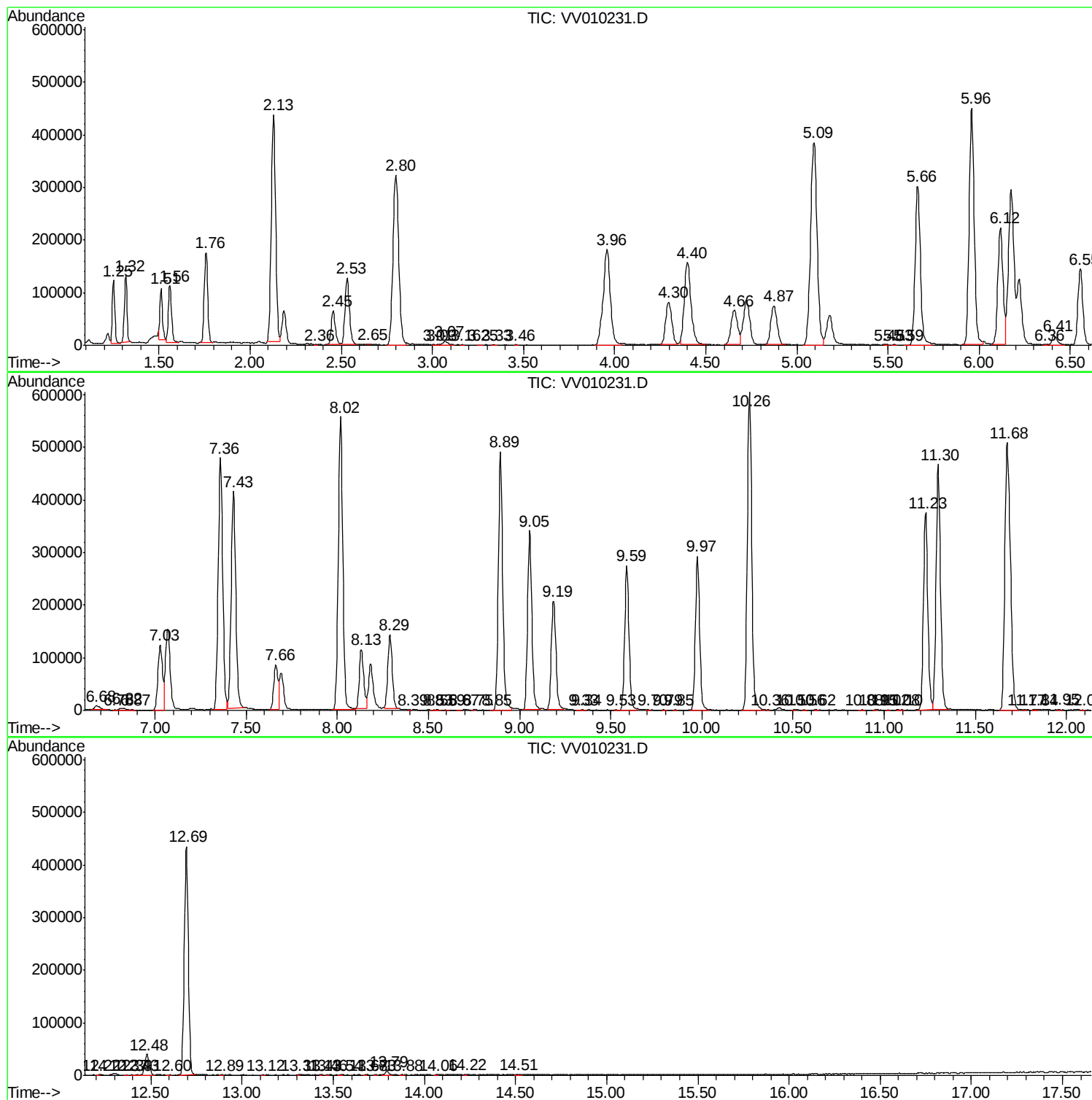
72	11.096	3109	3112	3115	rBV	725	407	0.04%	0.002%
73	11.228	3141	3153	3164	rVV	374369	625602	57.89%	3.617%
74	11.296	3165	3174	3192	rVB	465821	780070	72.18%	4.510%
75	11.675	3278	3292	3311	rBV3	507752	1080751	100.00%	6.249%
76	11.772	3318	3322	3324	rBV3	970	641	0.06%	0.004%
77	11.836	3333	3342	3345	rBV6	1047	1691	0.16%	0.010%
78	11.955	3376	3379	3385	rVB3	1210	950	0.09%	0.005%
79	12.087	3417	3420	3424	rBV2	487	361	0.03%	0.002%
80	12.138	3434	3436	3440	rVB2	677	382	0.04%	0.002%
81	12.215	3455	3460	3461	rBV2	496	388	0.04%	0.002%
82	12.366	3503	3507	3509	rBV2	472	381	0.04%	0.002%
83	12.392	3513	3515	3520	rVB3	586	405	0.04%	0.002%
84	12.428	3520	3526	3528	rBV2	536	558	0.05%	0.003%
85	12.479	3529	3542	3554	rVV2	39868	65579	6.07%	0.379%
86	12.604	3575	3581	3582	rBV	569	422	0.04%	0.002%
87	12.694	3597	3609	3624	rVV	434412	674466	62.41%	3.900%
88	12.894	3665	3671	3672	rBV3	510	492	0.05%	0.003%
89	13.116	3737	3740	3742	rVB2	757	410	0.04%	0.002%
90	13.309	3798	3800	3802	rBV2	751	347	0.03%	0.002%
91	13.431	3835	3838	3840	rBV	818	485	0.04%	0.003%
92	13.463	3846	3848	3851	rBV2	669	378	0.03%	0.002%
93	13.543	3868	3873	3876	rBV2	704	717	0.07%	0.004%
94	13.682	3910	3916	3917	rBV3	513	533	0.05%	0.003%
95	13.730	3928	3931	3934	rBV2	587	374	0.03%	0.002%
96	13.794	3942	3951	3960	rVB5	7047	10447	0.97%	0.060%
97	13.878	3973	3977	3980	rBV2	872	584	0.05%	0.003%
98	14.064	4032	4035	4038	rBV2	573	421	0.04%	0.002%
99	14.225	4081	4085	4087	rBV4	1414	927	0.09%	0.005%
100	14.508	4169	4173	4181	rVB4	1007	929	0.09%	0.005%

Sum of corrected areas: 17295091

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



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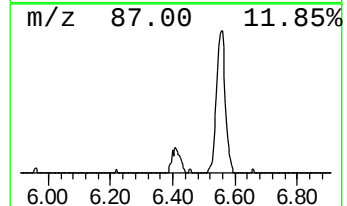
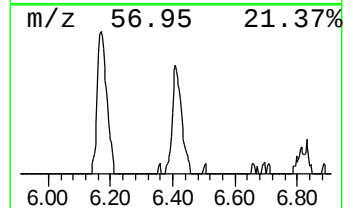
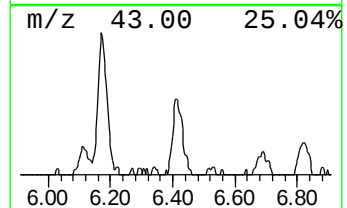
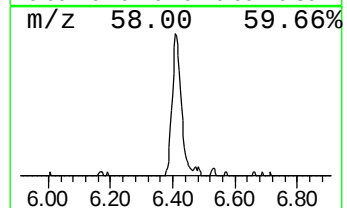
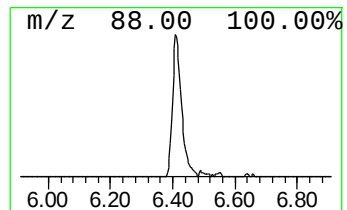
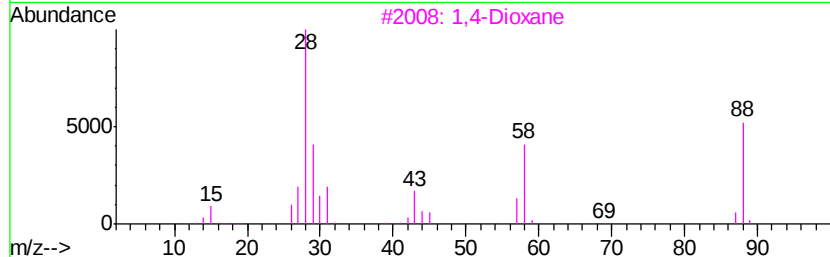
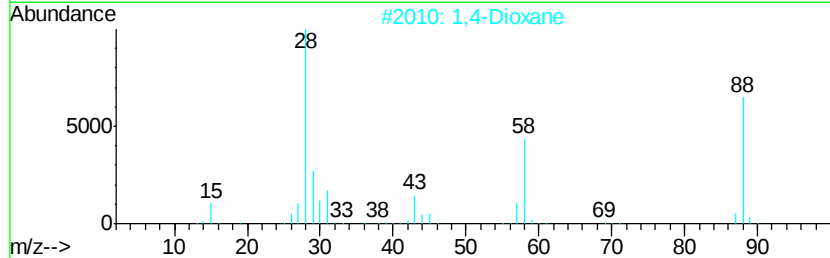
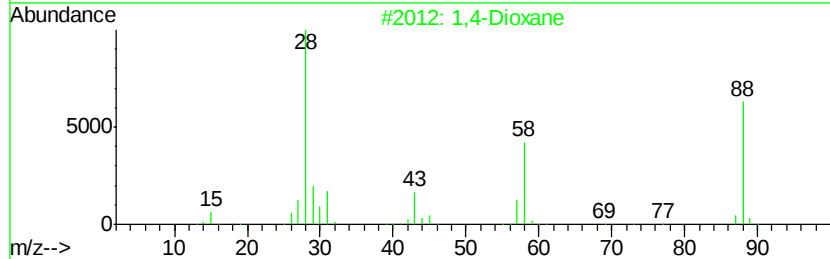
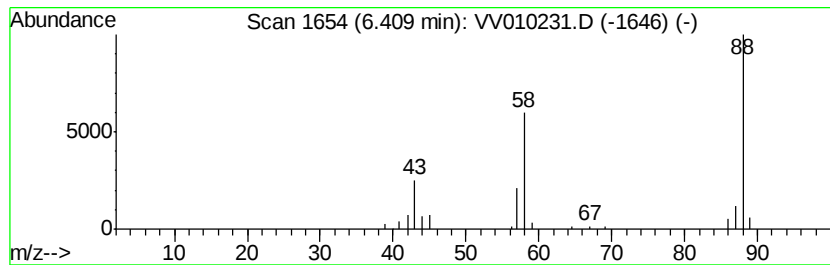
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis

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	1.46 ug/L	35724	1,4-Difluorobenzene	5.66

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	86
4			1,4-Dioxane	88	C4H8O2	000123-91-1	83
5			1,3,6-Trioxocane	118	C5H10O3	001779-19-7	43



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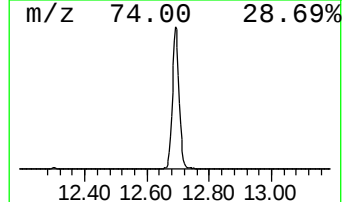
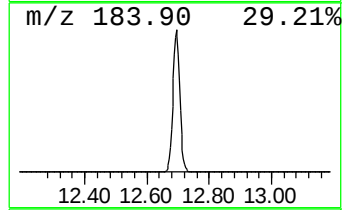
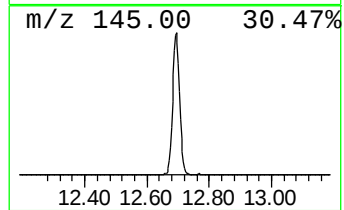
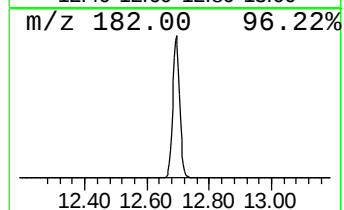
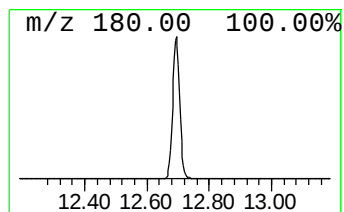
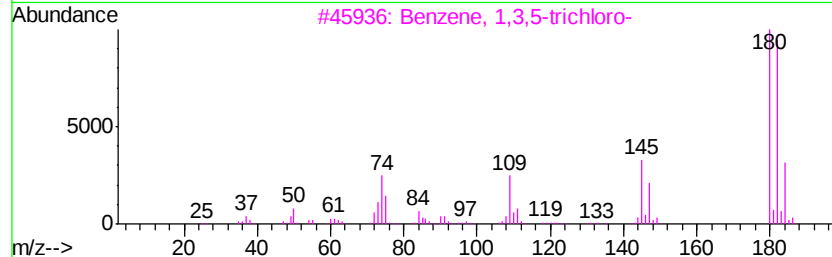
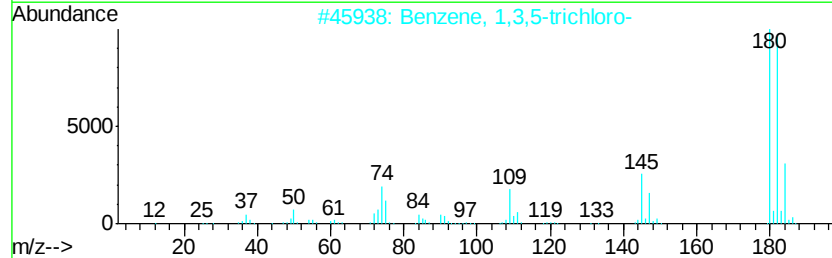
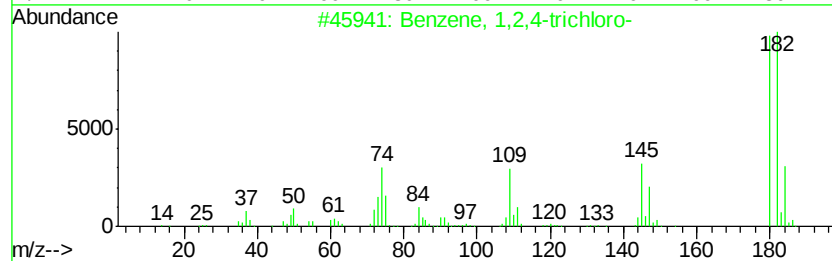
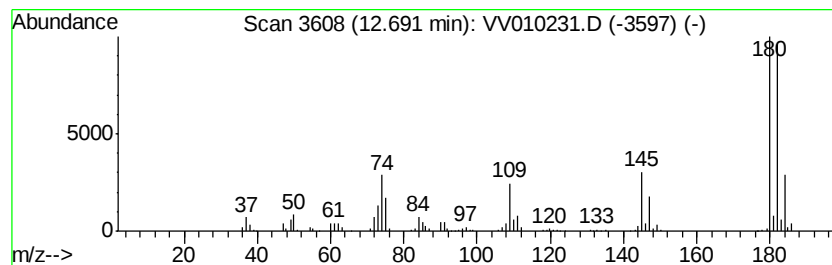
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	21.62 ug/L	674466	1,4-Dichlorobenzene-d4	11.30

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



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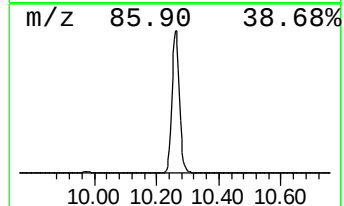
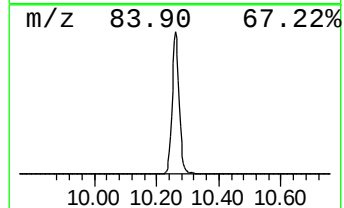
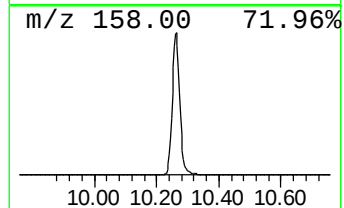
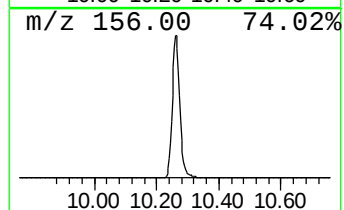
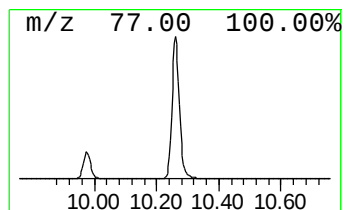
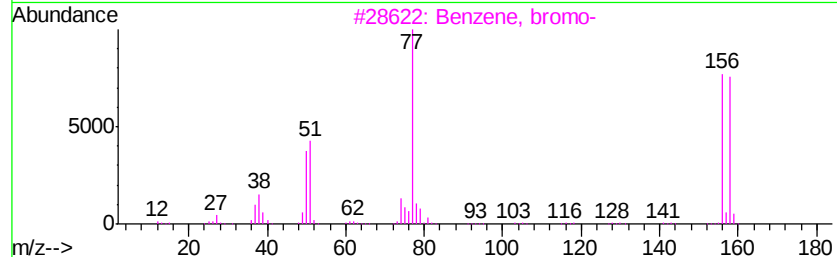
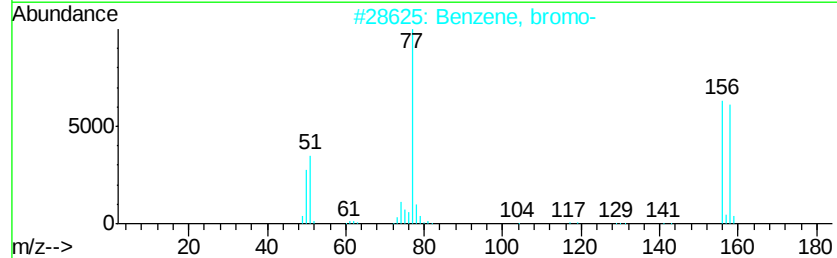
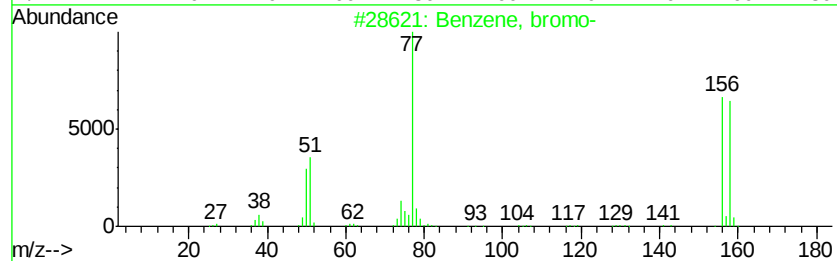
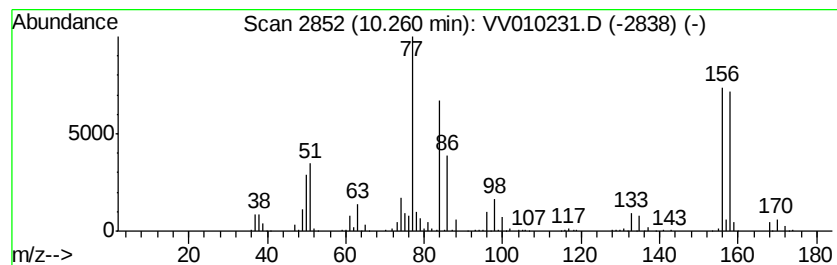
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Quant Title : VOC Analysis

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Peak Number 3 Benzene, bromo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	31.87 ug/L	994319	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, bromo-	156	C6H5Br	000108-86-1	93
2		Benzene, bromo-	156	C6H5Br	000108-86-1	93
3		Benzene, bromo-	156	C6H5Br	000108-86-1	83
4		Benzene, bromo-	156	C6H5Br	000108-86-1	64
5		Benzene, bromo-	156	C6H5Br	000108-86-1	64



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Operator : SY/MD
Sample : K2278-01
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.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	1.5	ug/L	35724	1	5.66	609760	25.0
Benzene, 1,3,5-tr...	12.69	21.6	ug/L	674466	3	11.30	780070	25.0
Benzene, bromo-	10.26	31.9	ug/L	994319	3	11.30	780070	25.0