

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040120\
 Data File : VV015343.D
 Acq On : 01 Apr 2020 20:39
 Operator : SY/MD
 Sample : L2005-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CODE8

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\SOMVLM040120WMA.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	1.315	64	70	84	rVB	272943	285771	4.67%	0.959%
2	1.579	146	152	163	rVB	253295	291054	4.76%	0.977%
3	2.119	313	320	342	rVB	530442	796557	13.03%	2.673%
4	3.199	653	656	659	rBV4	2789	2200	0.04%	0.007%
5	3.251	671	672	674	rBV2	1284	626	0.01%	0.002%
6	3.466	737	739	742	rVB4	1653	723	0.01%	0.002%
7	3.553	764	766	769	rVB3	1646	894	0.01%	0.003%
8	3.617	782	786	787	rBV4	1416	823	0.01%	0.003%
9	3.714	812	816	820	rBV6	1614	1237	0.02%	0.004%
10	3.871	862	865	868	rBV5	1199	926	0.02%	0.003%
11	3.933	873	884	928	rBV2	129372	532388	8.71%	1.787%
12	4.376	1009	1022	1047	rVB2	373711	923306	15.10%	3.098%
13	4.775	1143	1146	1149	rBV5	1007	998	0.02%	0.003%
14	4.907	1180	1187	1193	rBV10	1937	2943	0.05%	0.010%
15	4.984	1209	1211	1214	rBV3	1488	816	0.01%	0.003%
16	5.071	1220	1238	1252	rBV2	899651	2279598	37.29%	7.650%
17	5.325	1313	1317	1318	rBV3	2339	1354	0.02%	0.005%
18	5.441	1349	1353	1354	rBV4	1651	1138	0.02%	0.004%
19	5.592	1398	1400	1401	rBV2	1227	516	0.01%	0.002%
20	5.643	1401	1416	1441	rVV	815275	1632957	26.71%	5.480%
21	5.846	1477	1479	1484	rVB4	1882	1238	0.02%	0.004%
22	5.875	1485	1488	1494	rBV6	2202	1931	0.03%	0.006%
23	6.096	1542	1557	1582	rBV	507421	1038979	16.99%	3.487%
24	6.350	1634	1636	1640	rVB5	1840	1013	0.02%	0.003%
25	6.412	1653	1655	1659	rBV4	1538	1040	0.02%	0.003%
26	6.479	1673	1676	1677	rBV3	1323	879	0.01%	0.003%
27	6.502	1681	1683	1685	rBV3	1447	912	0.01%	0.003%
28	6.604	1713	1715	1719	rVB4	2365	1396	0.02%	0.005%
29	6.640	1719	1726	1727	rBV7	3415	3554	0.06%	0.012%
30	6.817	1779	1781	1784	rBV4	1564	797	0.01%	0.003%
31	6.836	1785	1787	1789	rBV3	1570	814	0.01%	0.003%
32	6.897	1803	1806	1810	rVB5	1206	982	0.02%	0.003%
33	7.006	1829	1840	1865	rBV	284791	516865	8.45%	1.735%
34	7.158	1885	1887	1888	rBV2	1835	768	0.01%	0.003%

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Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Title : VOC Analysis

35	7.270	1918	1922	1923	rBV4	1959	1485	0.02%	0.005%
36	7.338	1931	1943	1965	rBV	1103400	1910592	31.25%	6.412%
37	7.643	2024	2038	2061	rBV	199010	355948	5.82%	1.194%
38	8.116	2172	2185	2216	rBV2	634693	1292295	21.14%	4.337%
39	8.604	2335	2337	2339	rBV3	1142	693	0.01%	0.002%
40	8.675	2356	2359	2361	rBV5	1431	1036	0.02%	0.003%
41	8.739	2376	2379	2380	rBV2	3734	2159	0.04%	0.007%
42	8.813	2397	2402	2403	rBV4	1287	973	0.02%	0.003%
43	8.874	2409	2421	2424	rBV	1347486	1898468	31.05%	6.371%
44	9.366	2572	2574	2576	rBV3	1477	651	0.01%	0.002%
45	9.450	2597	2600	2601	rBV3	1779	895	0.01%	0.003%
46	9.624	2651	2654	2656	rVB4	1985	1057	0.02%	0.004%
47	9.637	2656	2658	2662	rBV4	737	646	0.01%	0.002%
48	9.675	2666	2670	2671	rBV3	1466	1148	0.02%	0.004%
49	9.752	2691	2694	2696	rBV4	2417	1480	0.02%	0.005%
50	9.804	2708	2710	2713	rVB3	1547	720	0.01%	0.002%
51	9.826	2713	2717	2722	rBV8	1612	1621	0.03%	0.005%
52	9.855	2724	2726	2728	rBV3	1015	567	0.01%	0.002%
53	9.871	2729	2731	2733	rVV3	1302	582	0.01%	0.002%
54	9.884	2733	2735	2741	rVB7	2039	1704	0.03%	0.006%
55	9.919	2743	2746	2748	rVV2	1871	860	0.01%	0.003%
56	9.958	2755	2758	2761	rBV5	1975	1312	0.02%	0.004%
57	10.013	2771	2775	2777	rBV4	2374	1586	0.03%	0.005%
58	10.074	2791	2794	2795	rBV2	1652	867	0.01%	0.003%
59	10.090	2798	2799	2802	rVB3	1915	710	0.01%	0.002%
60	10.109	2802	2805	2807	rBV3	1436	805	0.01%	0.003%
61	10.238	2830	2845	2864	rBV	790800	1250150	20.45%	4.195%
62	10.437	2904	2907	2910	rBV4	2046	1458	0.02%	0.005%
63	10.608	2954	2960	2963	rBV7	2439	2701	0.04%	0.009%
64	10.675	2978	2981	2983	rVB4	1161	631	0.01%	0.002%
65	10.688	2983	2985	2990	rBV6	994	885	0.01%	0.003%
66	10.778	3011	3013	3018	rBV4	1275	881	0.01%	0.003%
67	10.804	3018	3021	3023	rBV4	1835	1157	0.02%	0.004%
68	10.820	3023	3026	3028	rBV4	1391	964	0.02%	0.003%
69	10.919	3055	3057	3059	rBV3	1502	886	0.01%	0.003%
70	10.942	3062	3064	3068	rVV4	2387	1720	0.03%	0.006%
71	10.974	3072	3074	3075	rVV2	1933	713	0.01%	0.002%

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 Title : VOC Analysis

72	10.997	3079	3081	3085	rBV5	1424	1205	0.02%	0.004%
73	11.026	3087	3090	3092	rBV3	1016	612	0.01%	0.002%
74	11.058	3094	3100	3105	rBV7	1881	2604	0.04%	0.009%
75	11.093	3107	3111	3112	rBV4	1241	932	0.02%	0.003%
76	11.106	3113	3115	3118	rBV3	1697	830	0.01%	0.003%
77	11.206	3131	3146	3156	rBV	394033	610050	9.98%	2.047%
78	11.662	3272	3288	3310	rBV2	2324609	5061436	82.79%	16.985%
79	11.900	3360	3362	3363	rBV2	1567	651	0.01%	0.002%
80	11.977	3382	3386	3387	rBV3	2169	1489	0.02%	0.005%
81	12.032	3400	3403	3404	rBV3	1374	810	0.01%	0.003%
82	12.334	3495	3497	3498	rBV2	1388	553	0.01%	0.002%
83	12.421	3516	3524	3537	rVB4	21620	34672	0.57%	0.116%
84	12.498	3546	3548	3550	rBV2	1434	648	0.01%	0.002%
85	12.546	3559	3563	3565	rBV3	1806	1412	0.02%	0.005%
86	12.607	3571	3582	3594	rVV6	26170	65193	1.07%	0.219%
87	12.672	3594	3602	3613	rVB4	21822	33756	0.55%	0.113%
88	12.771	3626	3633	3645	rVB3	19762	30505	0.50%	0.102%
89	12.823	3645	3649	3650	rBV3	1610	996	0.02%	0.003%
90	12.926	3679	3681	3685	rVB5	1331	794	0.01%	0.003%
91	12.974	3694	3696	3699	rBV3	1338	899	0.01%	0.003%
92	13.231	3772	3776	3779	rVB4	2048	1968	0.03%	0.007%
93	13.286	3779	3793	3810	rBV	4015386	6113609	100.00%	20.516%
94	13.575	3880	3883	3886	rBV5	2190	1912	0.03%	0.006%
95	13.768	3931	3943	3963	rVB	1566334	2418584	39.56%	8.116%
96	13.977	4005	4008	4013	rBV6	2059	1648	0.03%	0.006%
97	14.022	4020	4022	4023	rBV2	1842	667	0.01%	0.002%
98	14.222	4081	4084	4091	rBV8	3277	3385	0.06%	0.011%
99	14.533	4177	4181	4184	rBV4	3407	2884	0.05%	0.010%
100	15.424	4448	4458	4470	rBV	214288	333243	5.45%	1.118%

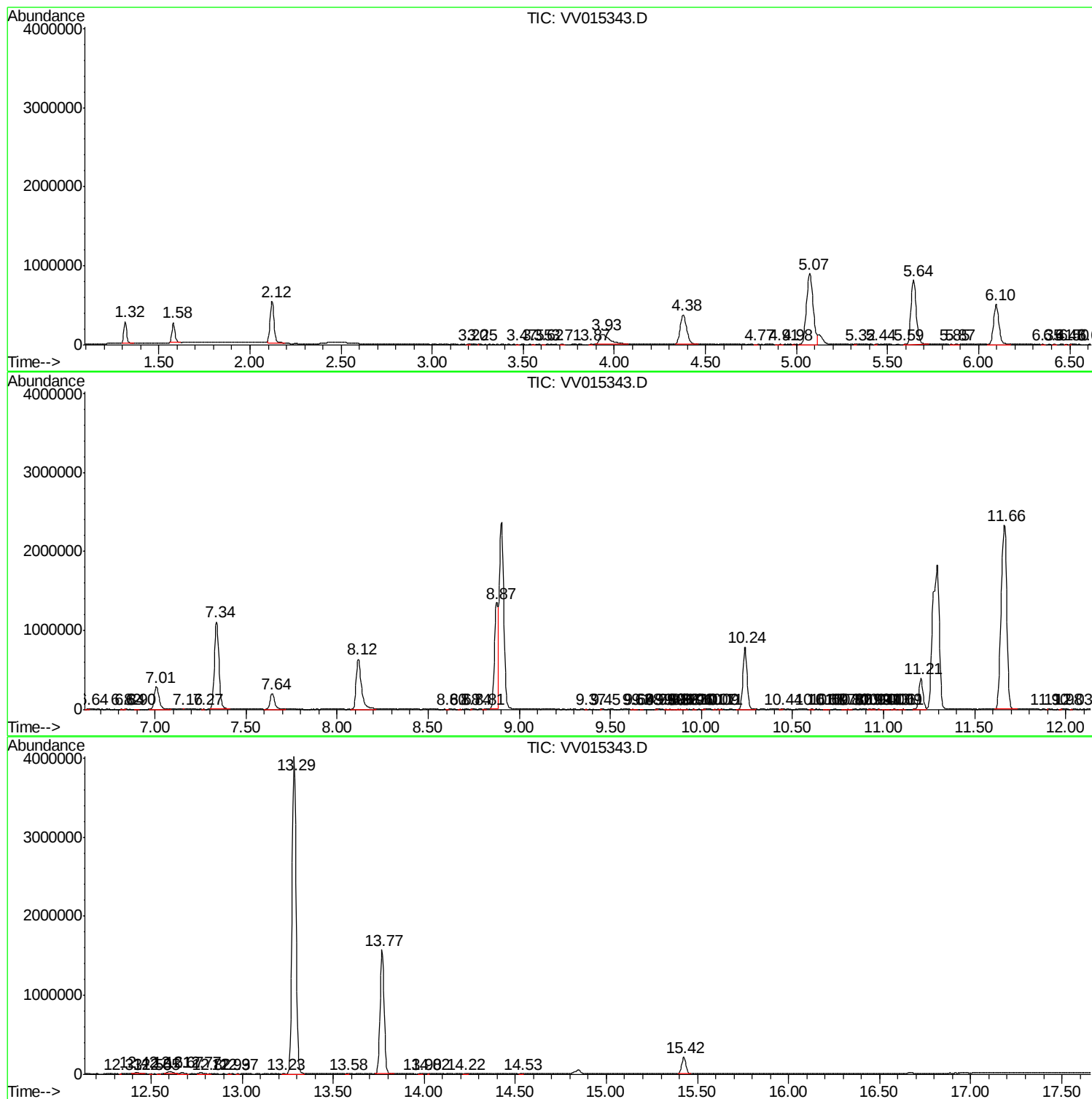
Sum of corrected areas: 29798946

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Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
Quant Title : VOC Analysis

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



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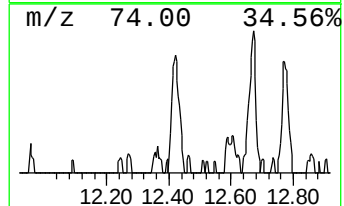
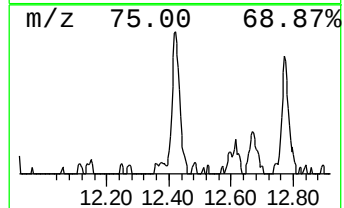
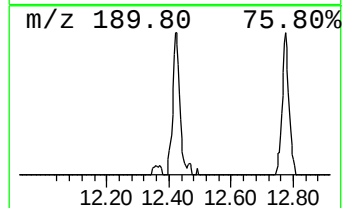
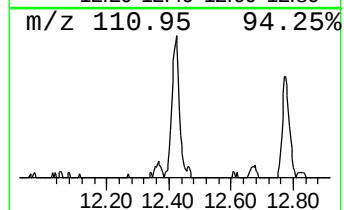
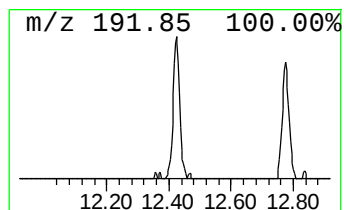
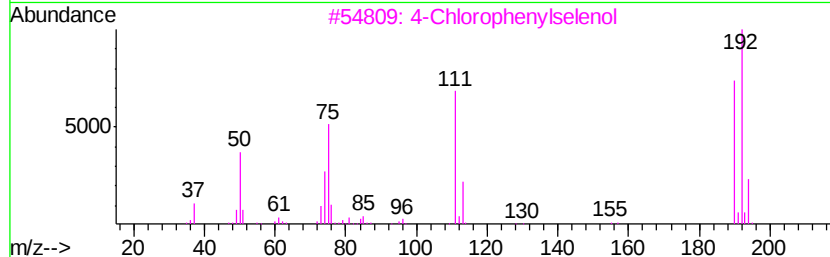
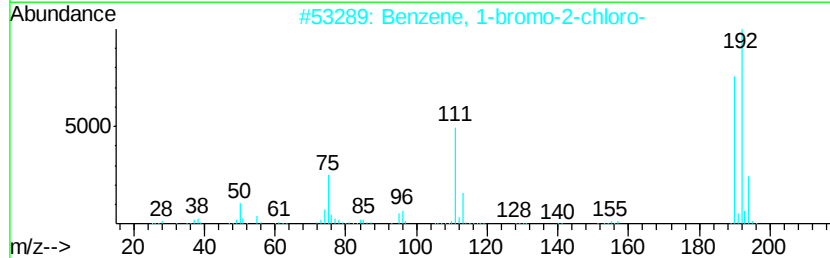
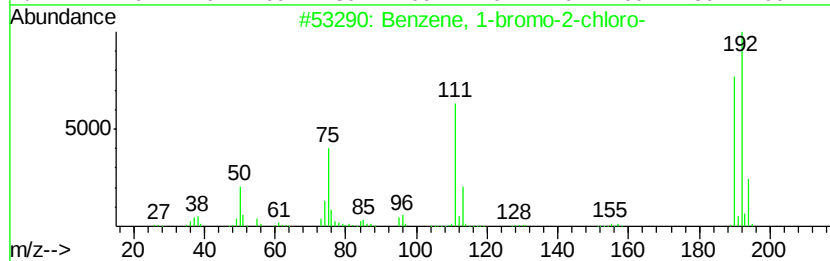
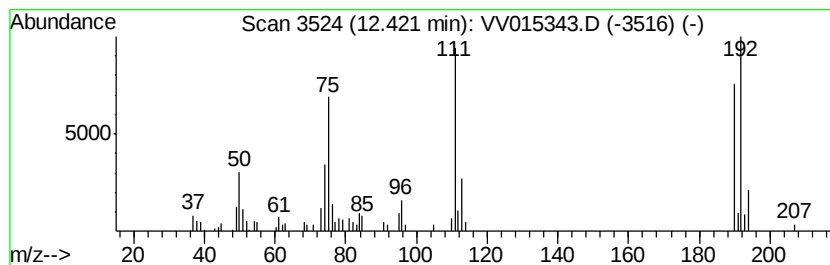
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Benzene, 1-bromo-2-chloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	2.84 ug/L	34672	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
2		Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	97
3		4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	97
4		Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	97
5		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	96



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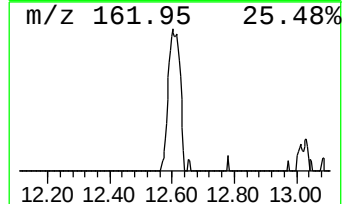
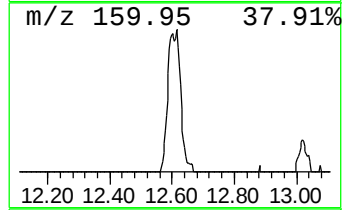
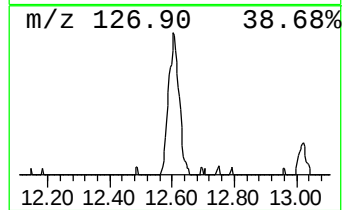
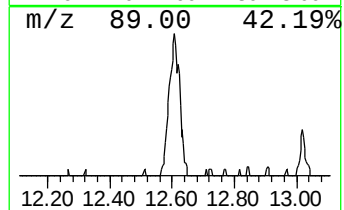
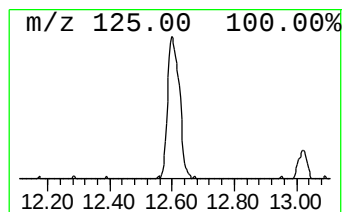
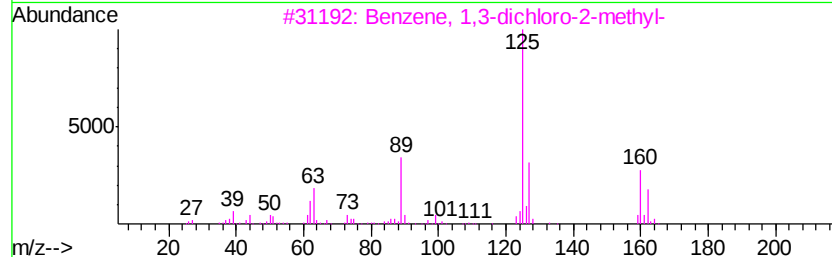
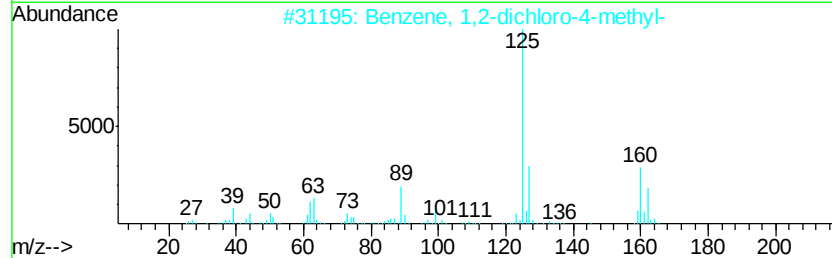
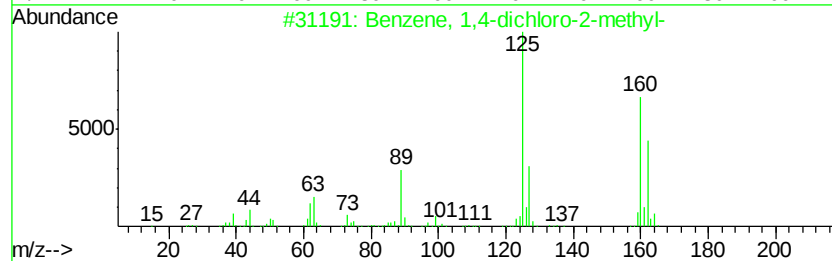
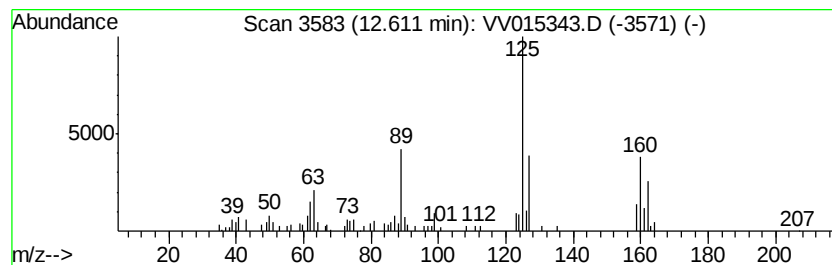
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Benzene, 1,4-dichloro-2-met... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	5.34 ug/L	65193	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	97
2		Benzene, 1,2-dichloro-4-methyl-	160	C7H6Cl2	000095-75-0	96
3		Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	96
4		Benzene, 1-chloro-3-(chloromethyl)-	160	C7H6Cl2	000620-20-2	95
5		Benzene, 2,4-dichloro-1-methyl-	160	C7H6Cl2	000095-73-8	94



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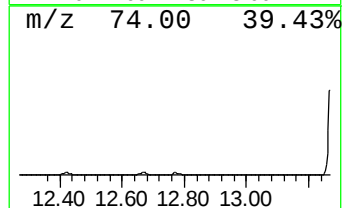
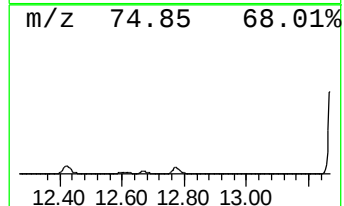
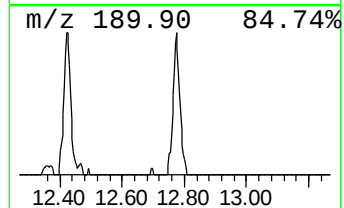
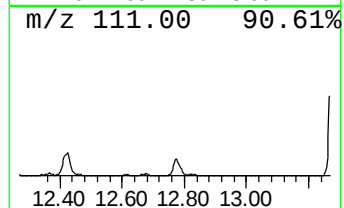
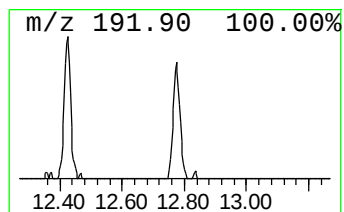
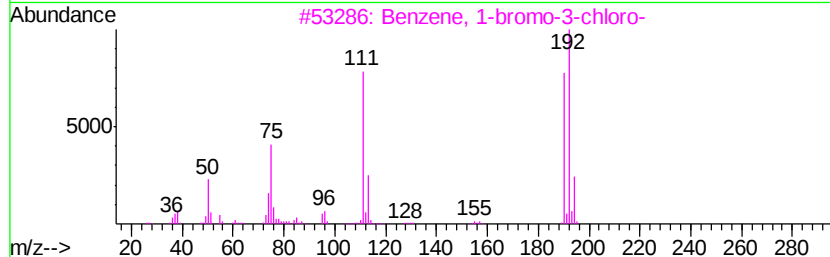
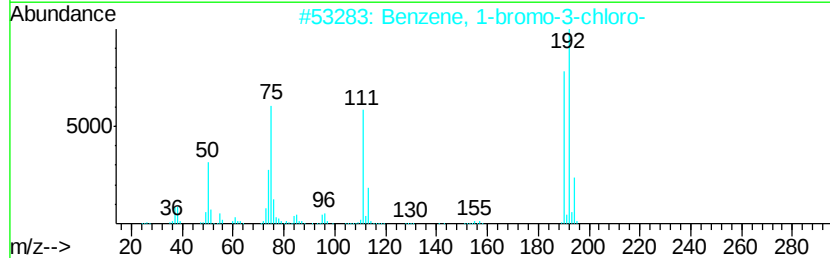
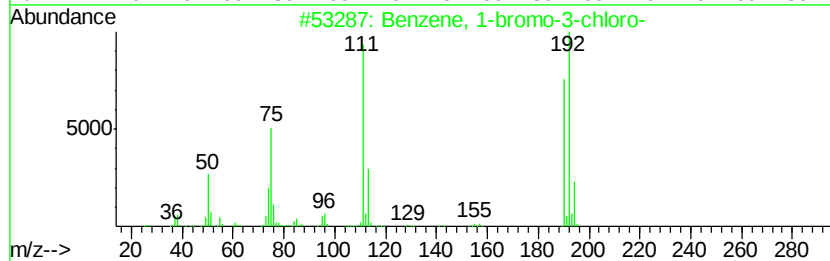
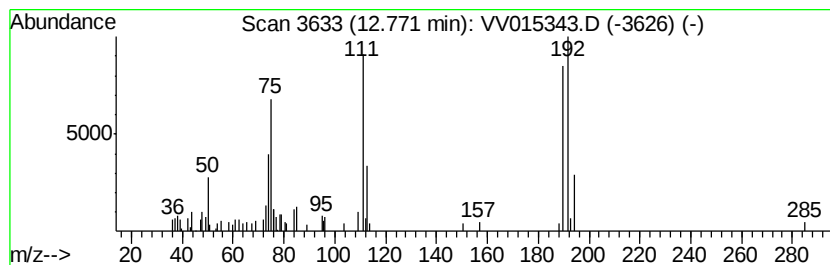
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Quant Title : VOC Analysis

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

Peak Number 4 Benzene, 1-bromo-3-chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	2.50 ug/L	30505	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	95
2		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	94
3		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	94
4		Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	94
5		4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040120\
Data File : VV015343.D
Acq On : 01 Apr 2020 20:39
Operator : SY/MD
Sample : L2005-06
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CODE8

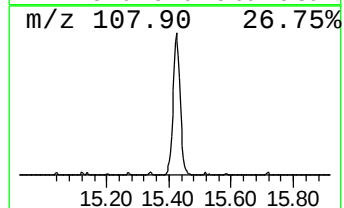
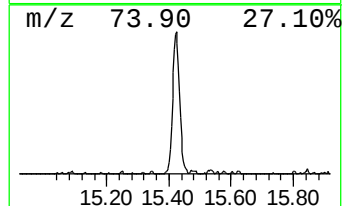
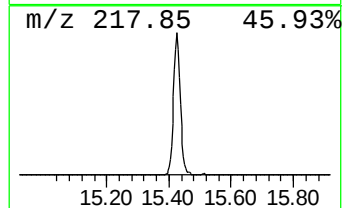
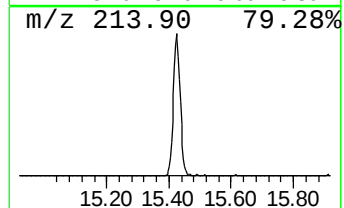
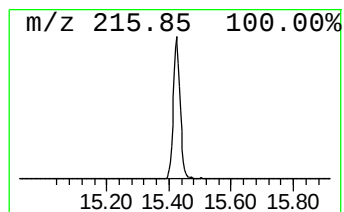
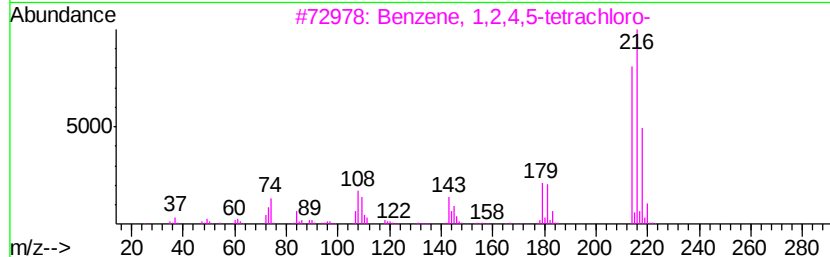
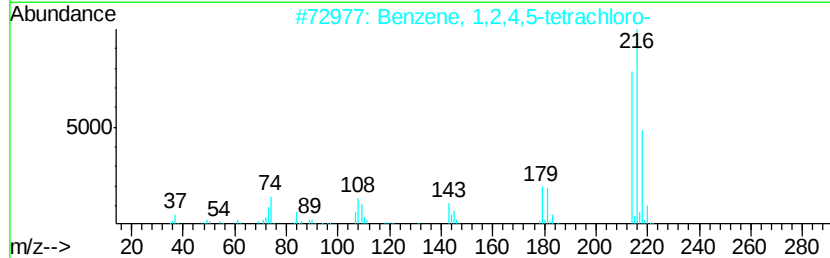
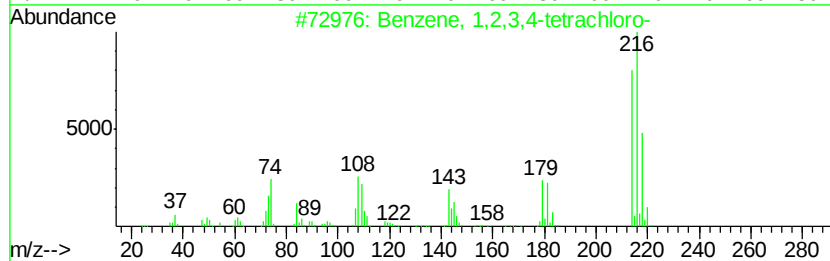
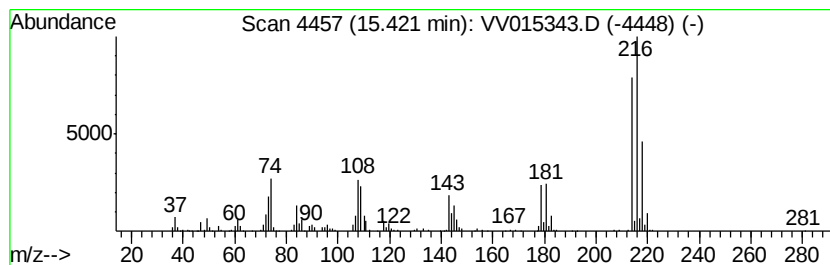
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Quant Title : VOC Analysis

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

Peak Number 5 Benzene, 1,2,3,4-tetrachloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	27.31 ug/L	333243	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	99
2		Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	99
3		Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	99
4		Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	99
5		Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	99



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040120\
Data File : VV015343.D
Acq On : 01 Apr 2020 20:39
Operator : SY/MD
Sample : L2005-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CODE8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.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
Benzene, 1-bromo-...	12.42	2.8	ug/L	34672	3	11.27	610050	50.0
Benzene, 1,4-dich...	12.61	5.3	ug/L	65193	3	11.27	610050	50.0
Benzene, 1-bromo-...	12.77	2.5	ug/L	30505	3	11.27	610050	50.0
Benzene, 1,2,3,4-...	15.42	27.3	ug/L	333243	3	11.27	610050	50.0