

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
 Data File : VW014652.D
 Acq On : 15 Jan 2020 14:17
 Operator : SY/VA
 Sample : L1109-10
 Misc : 5.06G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASG9

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	2.160	37	42	46	rBV2	6856	11599	0.01%	0.001%
2	2.221	47	52	54	rBV4	5502	10305	0.01%	0.001%
3	2.349	68	73	80	rVB	93549	143620	0.11%	0.018%
4	2.885	155	161	171	rBV	64611	137100	0.11%	0.017%
5	4.007	335	345	357	rVV	141209	366698	0.29%	0.046%
6	4.123	357	364	375	rVV2	15857	46647	0.04%	0.006%
7	4.379	400	406	408	rBV3	5823	10596	0.01%	0.001%
8	4.909	483	493	506	rBV3	25827	75904	0.06%	0.010%
9	5.147	525	532	533	rBV3	1520	2084	0.00%	0.000%
10	5.373	566	569	573	rVB5	1619	2583	0.00%	0.000%
11	5.787	634	637	644	rVB4	2141	4190	0.00%	0.001%
12	5.934	656	661	663	rBV5	1565	2466	0.00%	0.000%
13	6.592	766	769	775	rBV3	980	2338	0.00%	0.000%
14	6.903	811	820	821	rBV6	2451	4700	0.00%	0.001%
15	7.074	841	848	851	rBV2	34076	78147	0.06%	0.010%
16	7.135	853	858	887	rVB	94553	275425	0.22%	0.035%
17	7.537	921	924	927	rVV5	2295	2953	0.00%	0.000%
18	7.647	932	942	959	rBV	161665	404758	0.32%	0.051%
19	8.275	1033	1045	1060	rBV2	339645	1075372	0.84%	0.136%
20	8.452	1072	1074	1077	rVB3	1622	1680	0.00%	0.000%
21	8.549	1086	1090	1091	rBV2	2253	2585	0.00%	0.000%
22	8.701	1109	1115	1121	rBV2	5483	12538	0.01%	0.002%
23	8.842	1124	1138	1147	rBV	321556	640243	0.50%	0.081%
24	8.933	1150	1153	1158	rVB5	1815	2520	0.00%	0.000%
25	9.079	1172	1177	1180	rBV5	1658	2300	0.00%	0.000%
26	9.275	1200	1209	1219	rVV	228302	470563	0.37%	0.060%
27	9.421	1227	1233	1240	rVB5	4472	10860	0.01%	0.001%
28	9.622	1262	1266	1268	rVV3	1711	2527	0.00%	0.000%
29	9.653	1269	1271	1273	rVV3	2725	3582	0.00%	0.000%
30	9.701	1277	1279	1284	rVB4	1166	1428	0.00%	0.000%
31	9.848	1298	1303	1307	rBV4	1977	3708	0.00%	0.000%
32	9.902	1310	1312	1316	rVB2	1476	1363	0.00%	0.000%
33	10.031	1327	1333	1345	rBV	108868	202553	0.16%	0.026%
34	10.207	1357	1362	1368	rBV2	13100	23381	0.02%	0.003%

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 Title : VOC Analysis

35	10.323	1373	1381	1385	rBV	390116	700025	0.55%	0.089%
36	10.384	1385	1391	1402	rVB	6660728	11578628	9.05%	1.468%
37	10.494	1403	1409	1416	rVB	62499	119408	0.09%	0.015%
38	10.579	1416	1423	1428	rBV	67551	119443	0.09%	0.015%
39	10.640	1428	1433	1439	rVB	142681	248381	0.19%	0.031%
40	10.701	1439	1443	1448	rBV	22334	33309	0.03%	0.004%
41	10.860	1460	1469	1473	rBV10	10213	20136	0.02%	0.003%
42	10.927	1473	1480	1486	rBV	131644	237024	0.19%	0.030%
43	11.012	1491	1494	1497	rBV3	8999	11670	0.01%	0.001%
44	11.061	1497	1502	1511	rBV2	67796	146718	0.11%	0.019%
45	11.134	1511	1514	1518	rVB2	9939	14381	0.01%	0.002%
46	11.177	1518	1521	1525	rVB4	9299	12899	0.01%	0.002%
47	11.286	1526	1539	1543	rBV8	37387	158458	0.12%	0.020%
48	11.512	1573	1576	1579	rBV2	21877	27743	0.02%	0.004%
49	11.628	1589	1595	1601	rBV2	387808	717825	0.56%	0.091%
50	11.731	1605	1612	1618	rVV	15916161	26742658	20.91%	3.390%
51	11.835	1618	1629	1640	rVB	16336234	31561335	24.68%	4.001%
52	11.975	1646	1652	1657	rBV2	336501	612332	0.48%	0.078%
53	12.116	1669	1675	1677	rBV	1774397	2610940	2.04%	0.331%
54	12.170	1677	1684	1692	rVB5	63639969	127878545	100.00%	16.210%
55	12.347	1706	1713	1723	rBV2	1122449	2506993	1.96%	0.318%
56	12.463	1727	1732	1737	rBV	2052727	3217840	2.52%	0.408%
57	12.646	1760	1762	1766	rVB3	215484	269021	0.21%	0.034%
58	12.695	1766	1770	1772	rBV2	219232	295909	0.23%	0.038%
59	12.737	1772	1777	1782	rVB	2513641	3686938	2.88%	0.467%
60	12.804	1782	1788	1793	rBV	5620547	8873587	6.94%	1.125%
61	12.865	1793	1798	1800	rVV	8833987	13899000	10.87%	1.762%
62	12.896	1800	1803	1806	rVV	14100336	22882343	17.89%	2.901%
63	12.945	1806	1811	1817	rVB2	43680753	74421731	58.20%	9.434%
64	13.103	1830	1837	1845	rBV	15130524	27619594	21.60%	3.501%
65	13.249	1854	1861	1866	rBV	19704685	30868082	24.14%	3.913%
66	13.298	1866	1869	1874	rVB	5787572	8075611	6.32%	1.024%
67	13.353	1874	1878	1886	rVB2	2819949	4718410	3.69%	0.598%
68	13.445	1888	1893	1895	rBV	2561185	4386094	3.43%	0.556%
69	13.475	1895	1898	1908	rVB2	4528759	11563622	9.04%	1.466%
70	13.585	1908	1916	1921	rBV	39126248	65968107	51.59%	8.362%
71	13.719	1932	1938	1939	rBV2	2490586	3857687	3.02%	0.489%

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72	13.755	1939	1944	1948	rBV2	17526915	29954012	23.42%	3.797%
73	13.871	1959	1963	1968	rVB	6041715	8809250	6.89%	1.117%
74	13.938	1968	1974	1981	rVB	22272385	37900095	29.64%	4.804%
75	14.012	1981	1986	1988	rBV	3347539	5449955	4.26%	0.691%
76	14.036	1988	1990	1996	rVV2	4827372	8549046	6.69%	1.084%
77	14.097	1996	2000	2004	rVV	7217143	10697865	8.37%	1.356%
78	14.152	2004	2009	2013	rVV	1311972	2316551	1.81%	0.294%
79	14.207	2013	2018	2028	rVB3	4307908	9986378	7.81%	1.266%
80	14.335	2035	2039	2043	rBV2	2149761	3355473	2.62%	0.425%
81	14.389	2043	2048	2051	rBV	8324949	14350481	11.22%	1.819%
82	14.457	2056	2059	2062	rBV	6692386	8426817	6.59%	1.068%
83	14.560	2071	2076	2080	rVB3	1661247	2573649	2.01%	0.326%
84	14.639	2086	2089	2092	rBV2	518319	683054	0.53%	0.087%
85	14.688	2092	2097	2100	rVV	5027418	8391800	6.56%	1.064%
86	14.725	2100	2103	2108	rVV2	5169221	7099539	5.55%	0.900%
87	14.792	2108	2114	2122	rVV2	10025339	22824829	17.85%	2.893%
88	14.871	2122	2127	2134	rVV2	6325763	10975869	8.58%	1.391%
89	14.950	2134	2140	2148	rVB	20379155	34148292	26.70%	4.329%
90	15.060	2153	2158	2170	rVB4	1901579	4788911	3.74%	0.607%
91	15.176	2172	2177	2183	rVB3	1182857	2369592	1.85%	0.300%
92	15.286	2190	2195	2198	rBV	2136742	3949632	3.09%	0.501%
93	15.365	2204	2208	2216	rVB	2973275	5551147	4.34%	0.704%
94	15.444	2217	2221	2231	rVV3	1454172	4563353	3.57%	0.578%
95	15.530	2231	2235	2236	rVV2	1347118	2078435	1.63%	0.263%
96	15.554	2236	2239	2247	rVB	2501549	3886193	3.04%	0.493%
97	15.725	2264	2267	2274	rVB2	695303	1375437	1.08%	0.174%
98	15.968	2301	2307	2313	rBV2	673401	1643594	1.29%	0.208%
99	16.438	2378	2384	2391	rBV	2963282	5952279	4.65%	0.755%
100	16.645	2409	2418	2429	rVB	13929919	31525056	24.65%	3.996%

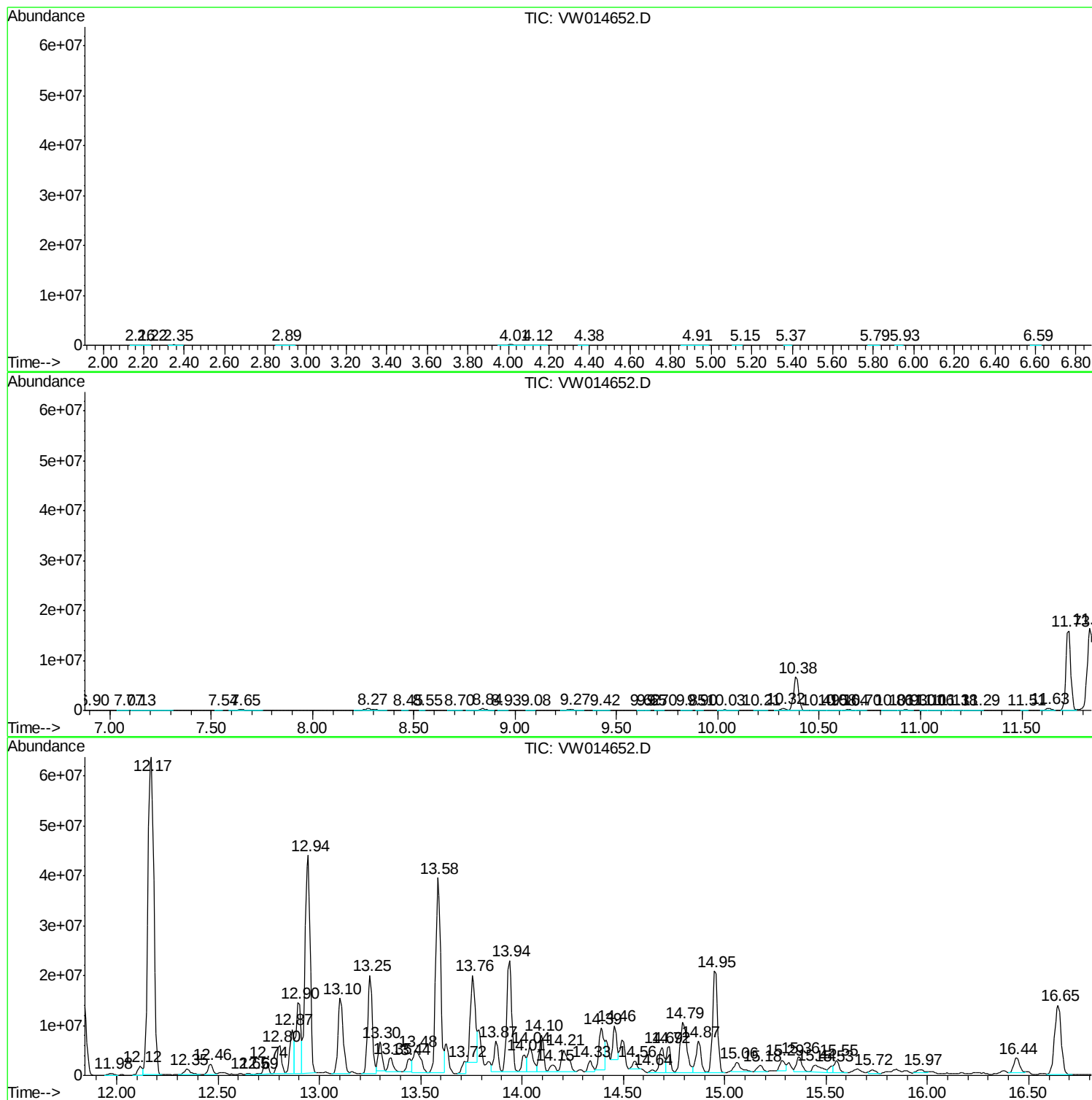
Sum of corrected areas: 788878327

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Instrument :
MSVOA_W
ClientSampleId :
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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



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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
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GASG9

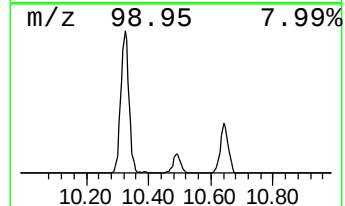
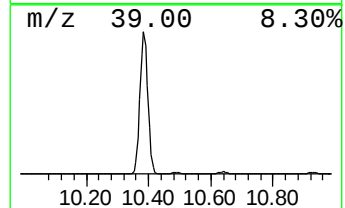
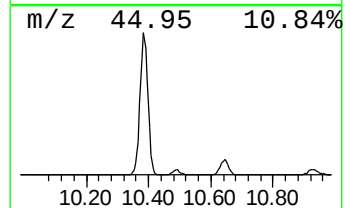
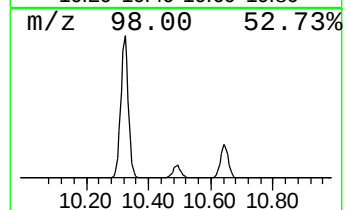
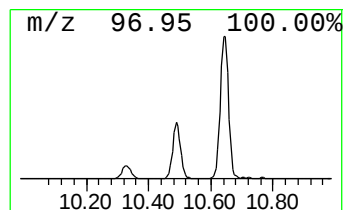
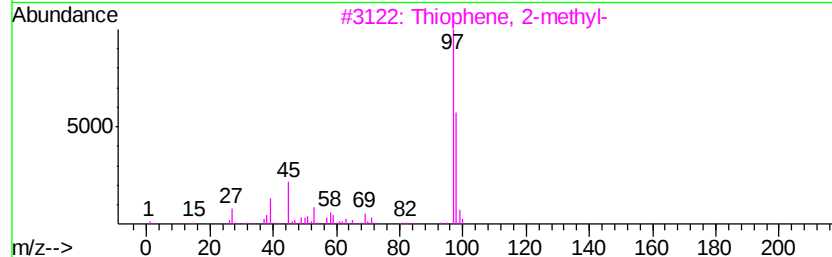
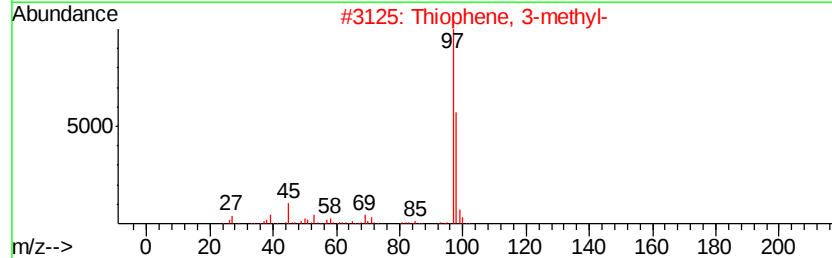
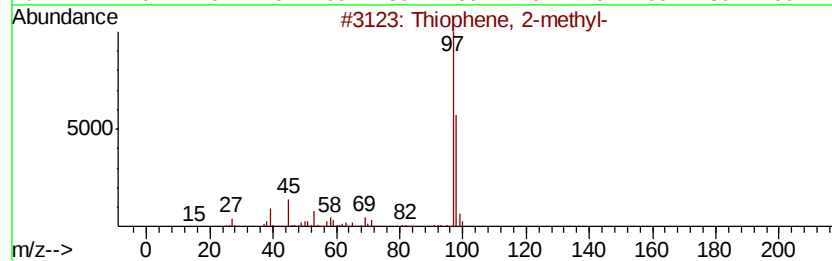
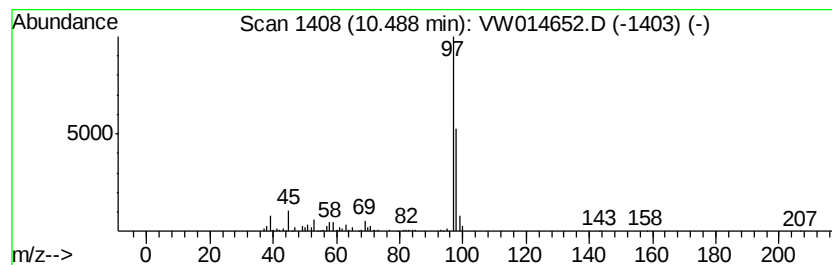
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 3 Thiophene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	4.16 ug/L	119408	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	94
2		Thiophene, 3-methyl-	98	C5H6S	000616-44-4	93
3		Thiophene, 2-methyl-	98	C5H6S	000554-14-3	91
4		Thiophene, 2-methyl-	98	C5H6S	000554-14-3	91
5		Thiophene, 3-methyl-	98	C5H6S	000616-44-4	83



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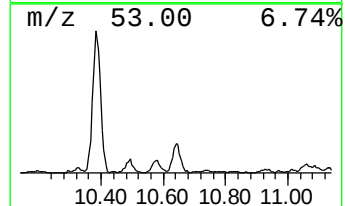
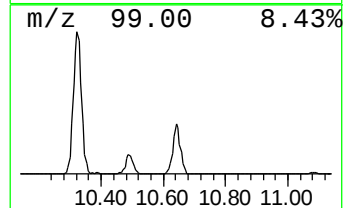
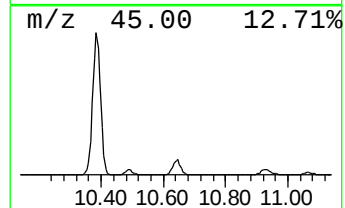
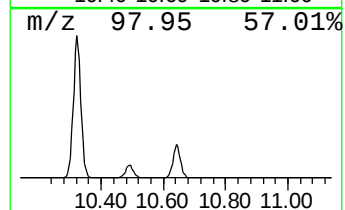
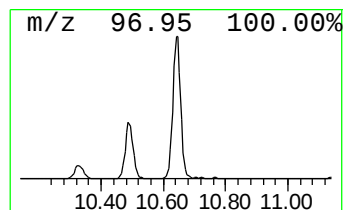
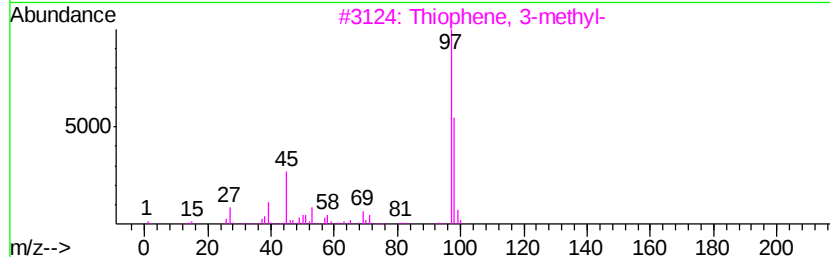
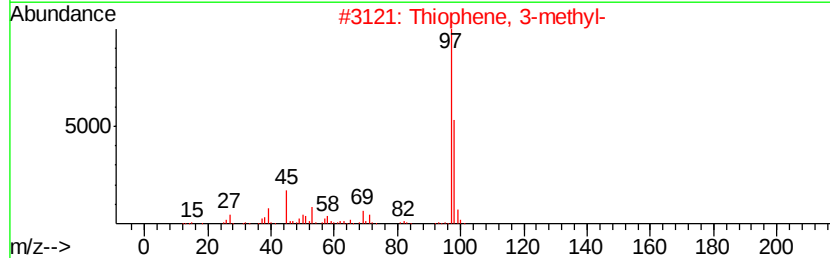
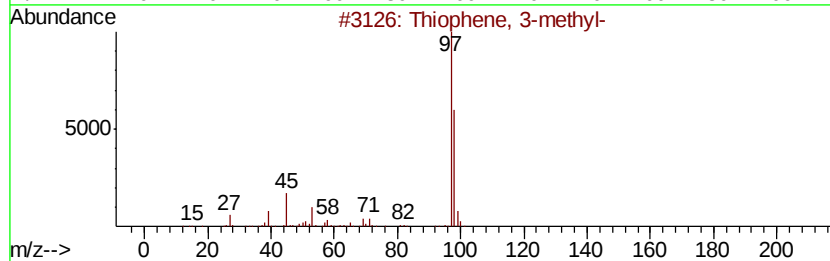
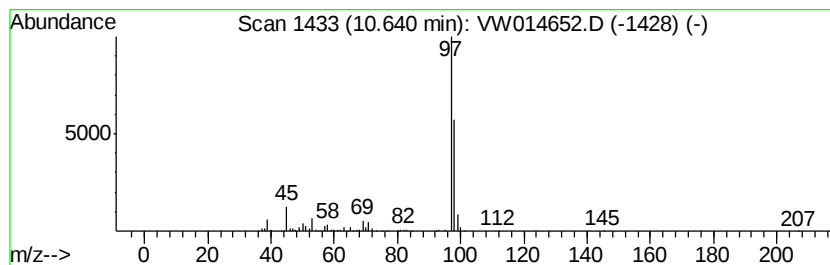
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Quant Title : VOC Analysis

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

Peak Number 4 Thiophene, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	8.65 ug/L	248381	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	94
2		Thiophene, 3-methyl-	98	C5H6S	000616-44-4	94
3		Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91
4		Thiophene, 2-methyl-	98	C5H6S	000554-14-3	91
5		Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91



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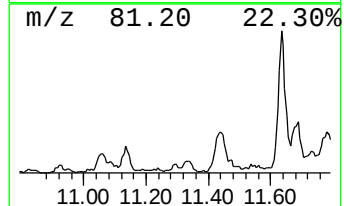
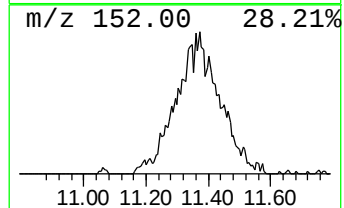
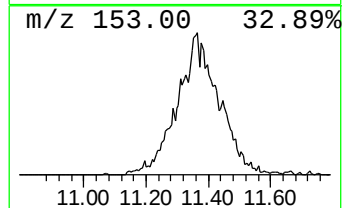
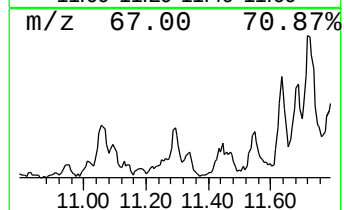
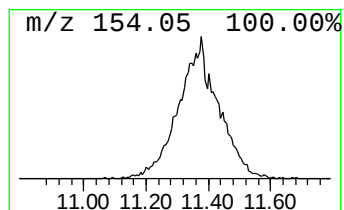
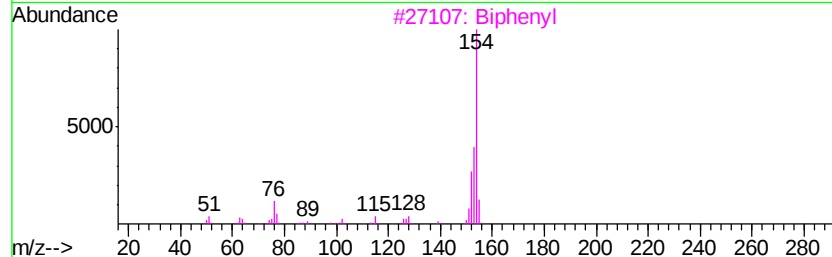
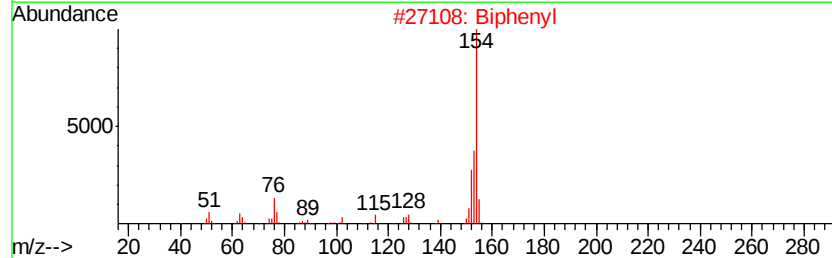
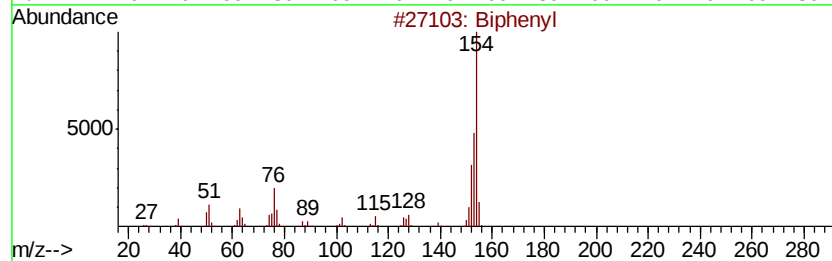
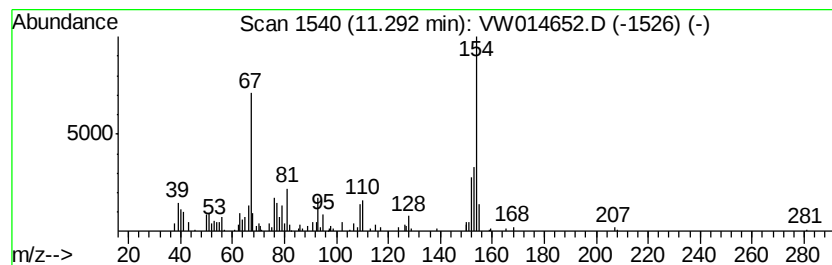
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Biphenyl Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	5.52 ug/L	158458	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Biphenyl	154	C12H10	000092-52-4	50
2		Biphenyl	154	C12H10	000092-52-4	50
3		Biphenyl	154	C12H10	000092-52-4	50
4		Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	45
5		Biphenyl	154	C12H10	000092-52-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
Data File : VW014652.D
Acq On : 15 Jan 2020 14:17
Operator : SY/VA
Sample : L1109-10
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

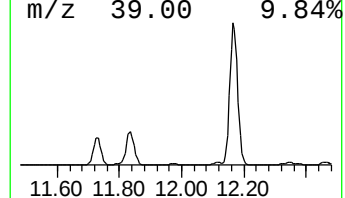
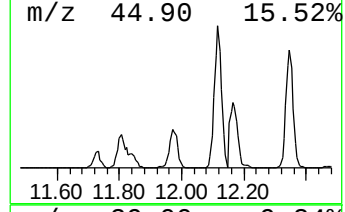
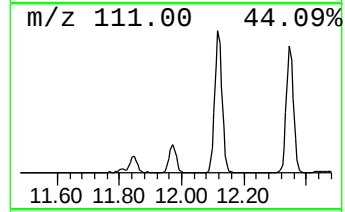
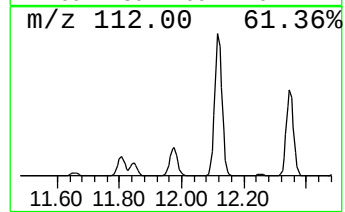
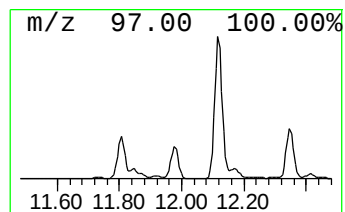
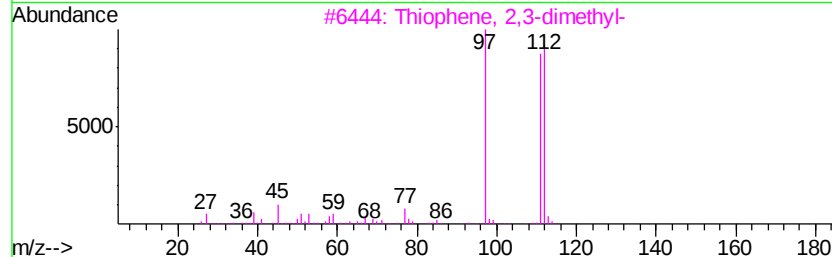
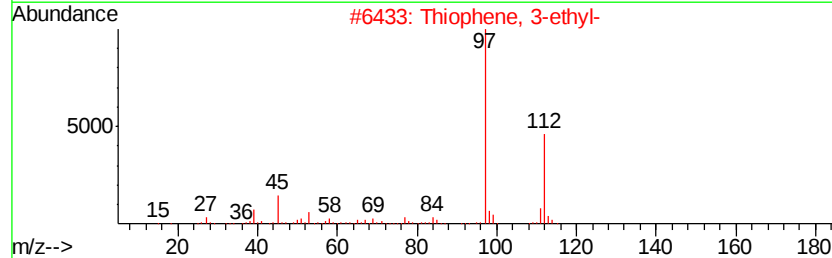
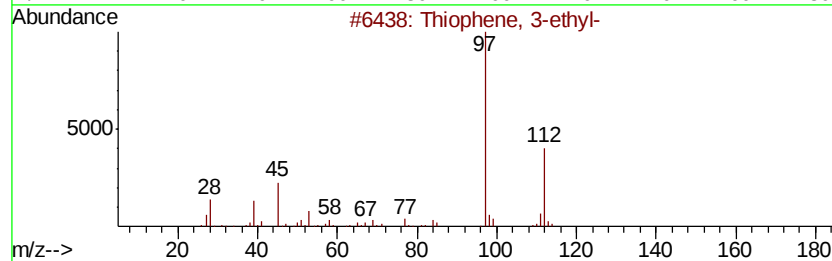
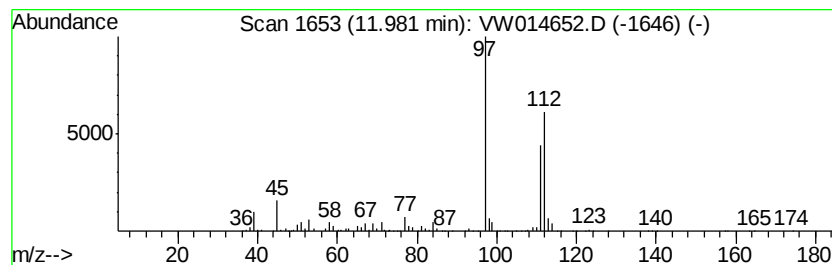
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 7 Thiophene, 3-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.98	21.33 ug/L	612332	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 3-ethyl-	112	C6H8S	001795-01-3	81
2	Thiophene, 3-ethyl-	112	C6H8S	001795-01-3	81
3	Thiophene, 2,3-dimethyl-	112	C6H8S	000632-16-6	78
4	Thiophene, 2,3-dimethyl-	112	C6H8S	000632-16-6	70
5	Thiophene, 2-ethyl-	112	C6H8S	000872-55-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
Data File : VW014652.D
Acq On : 15 Jan 2020 14:17
Operator : SY/VA
Sample : L1109-10
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

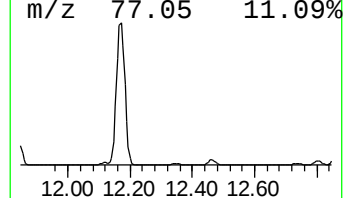
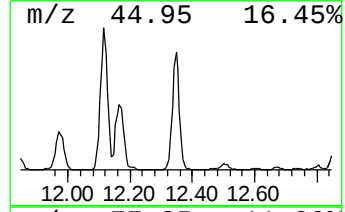
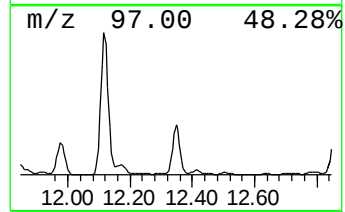
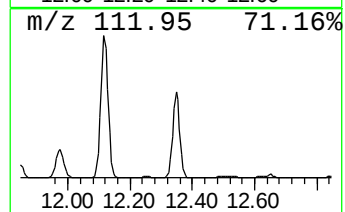
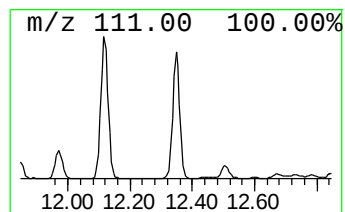
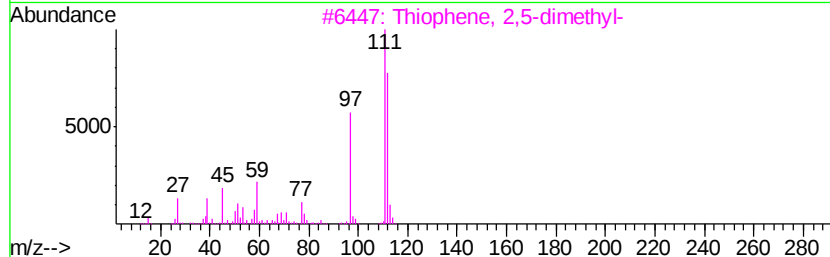
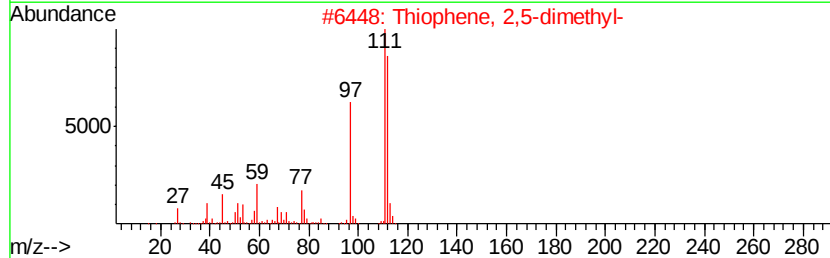
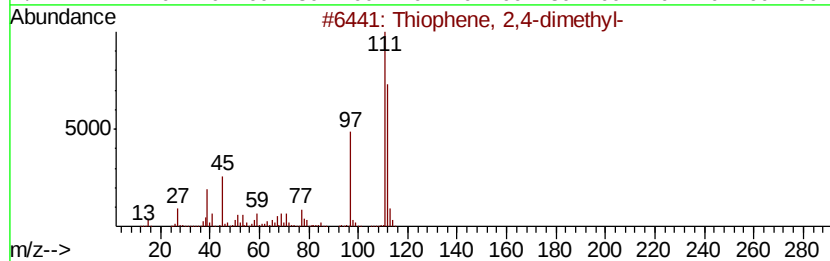
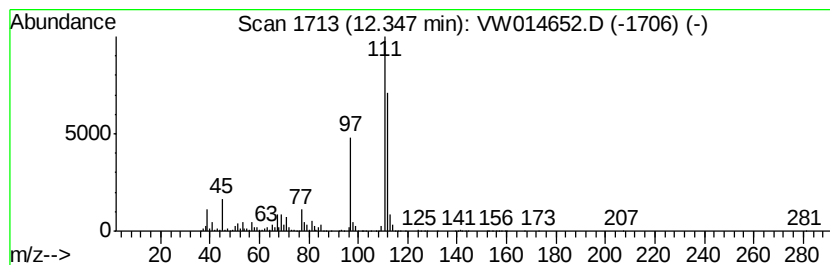
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ClientSampled :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 8 Thiophene, 2,4-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.35	87.31 ug/L	2506990	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	90	
2	Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	87	
3	Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	87	
4	Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	87	
5	Thiophene, 3,4-dimethyl-	112	C6H8S	000632-15-5	86	



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
Data File : VW014652.D
Acq On : 15 Jan 2020 14:17
Operator : SY/VA
Sample : L1109-10
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

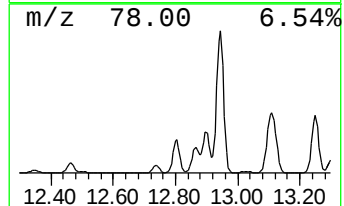
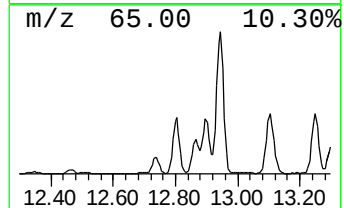
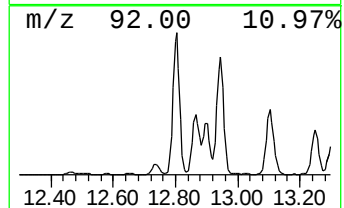
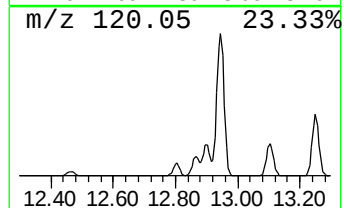
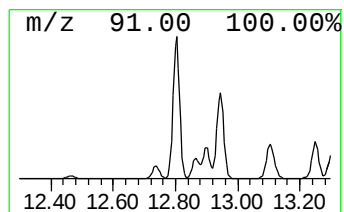
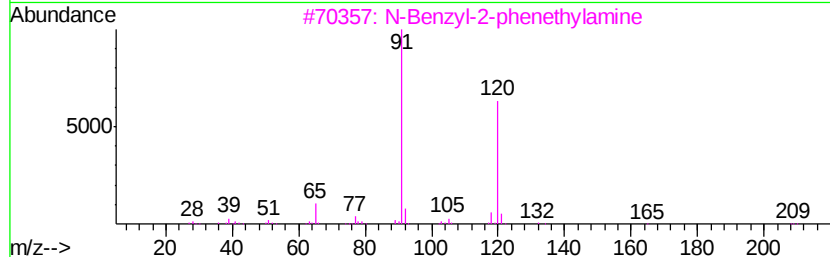
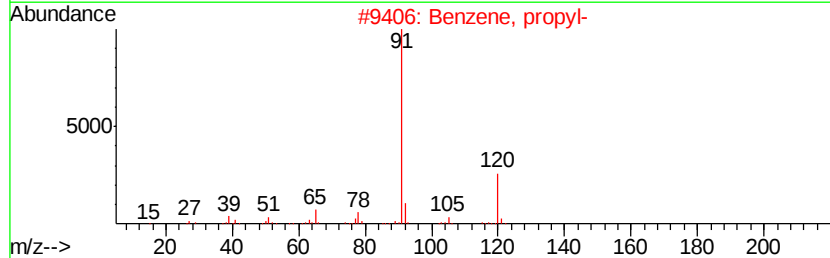
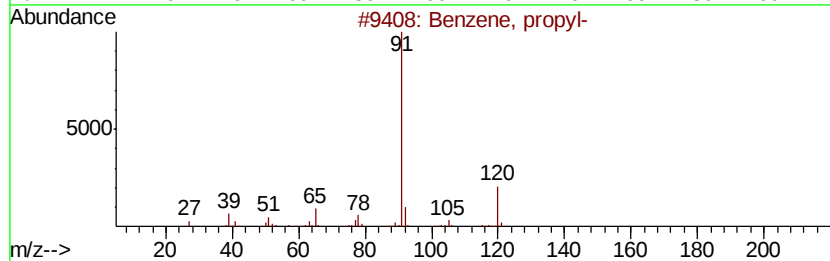
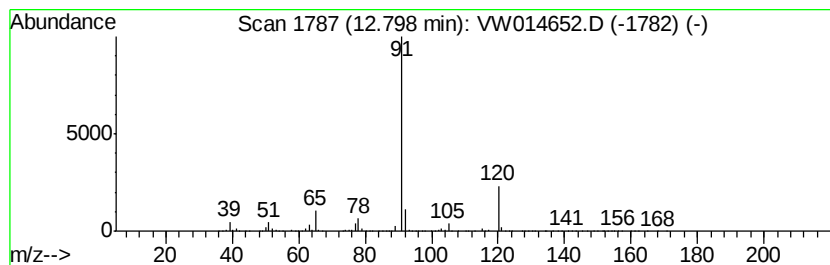
Instrument :
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 9 Benzene, propyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	3.36 ug/L	8873590	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, propyl-	120 C9H12	000103-65-1 91
2		Benzene, propyl-	120 C9H12	000103-65-1 91
3		N-Benzyl-2-phenethylamine	211 C15H17N	003647-71-0 78
4		N-Benzyl-2-phenethylamine	211 C15H17N	003647-71-0 72
5		Ethanol, 2-[(phenylmethyl)amino]-	151 C9H13NO	000104-63-2 72



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
Data File : VW014652.D
Acq On : 15 Jan 2020 14:17
Operator : SY/VA
Sample : L1109-10
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

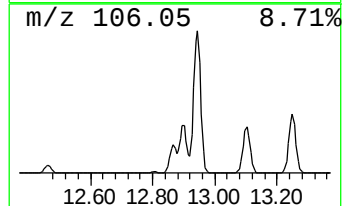
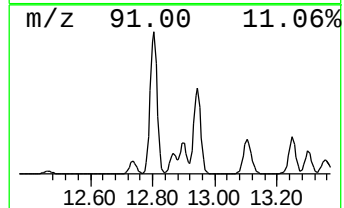
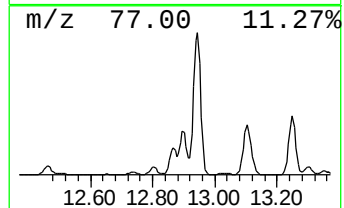
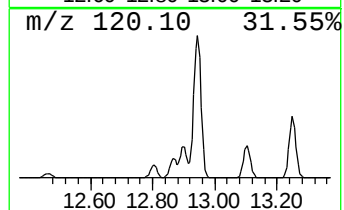
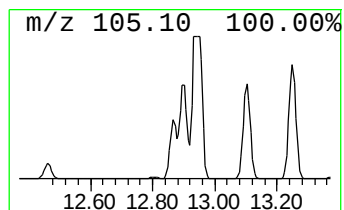
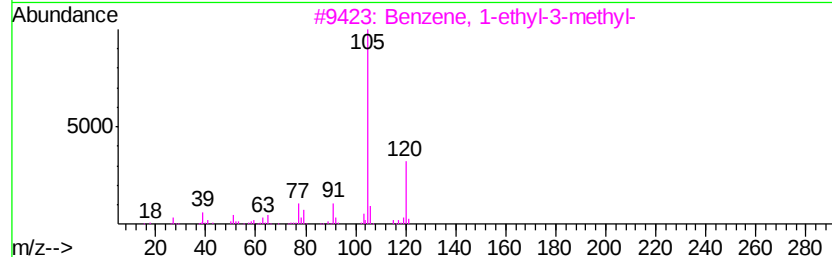
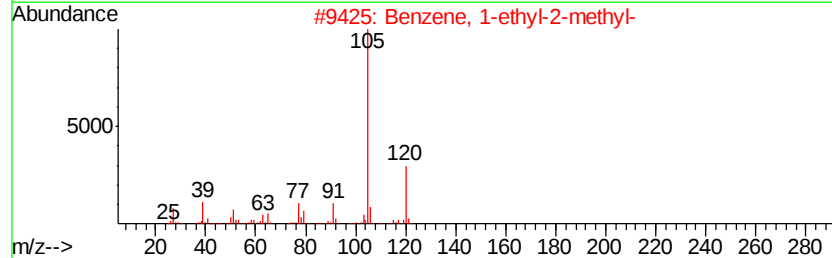
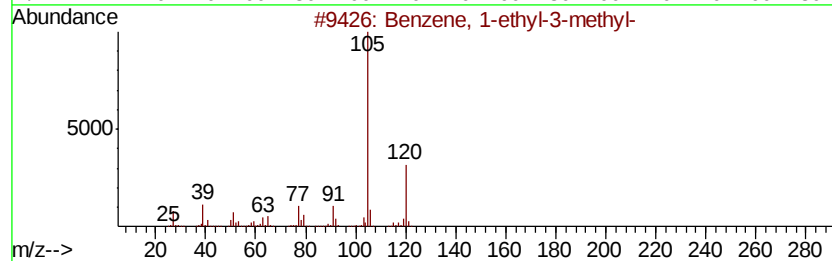
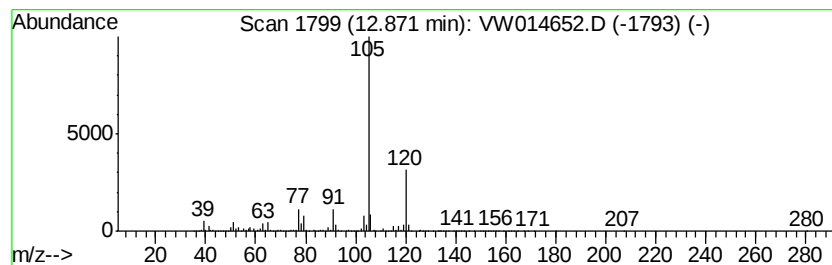
Instrument :
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 10 Benzene, 1-ethyl-3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	5.27 ug/L	13899000	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethyl-3-methyl-	120 C9H12	000620-14-4 95
2		Benzene, 1-ethyl-2-methyl-	120 C9H12	000611-14-3 95
3		Benzene, 1-ethyl-3-methyl-	120 C9H12	000620-14-4 95
4		Benzene, 1-ethyl-2-methyl-	120 C9H12	000611-14-3 95
5		Mesitylene	120 C9H12	000108-67-8 91



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
Data File : VW014652.D
Acq On : 15 Jan 2020 14:17
Operator : SY/VA
Sample : L1109-10
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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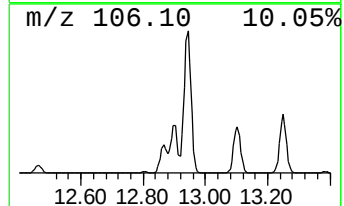
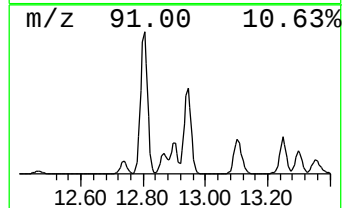
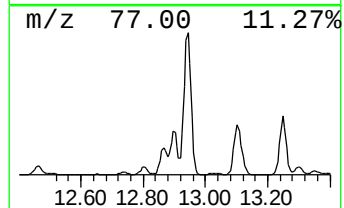
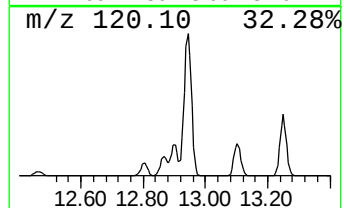
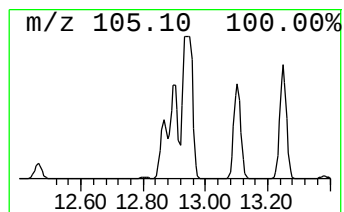
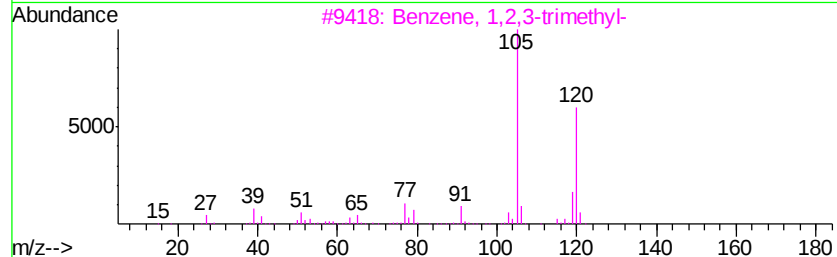
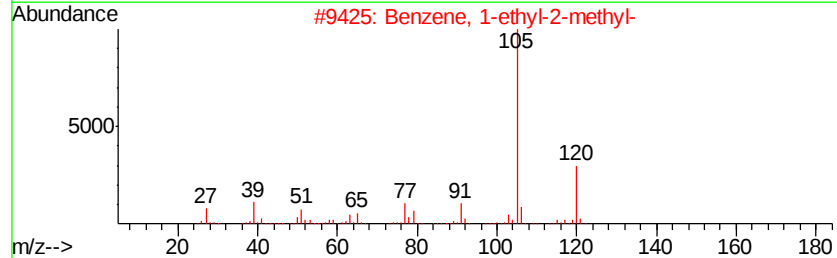
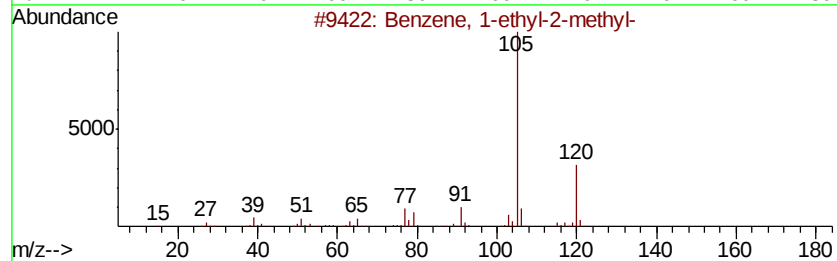
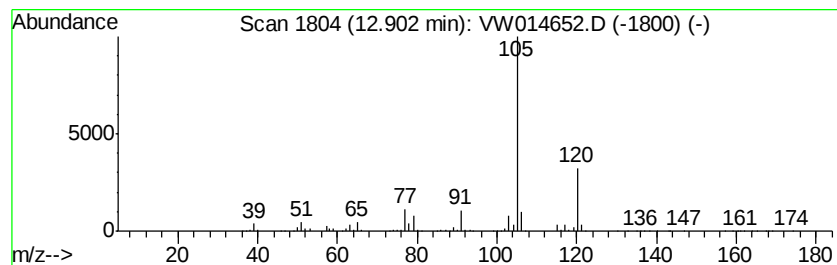
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Quant Title : VOC Analysis

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

Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	8.67 ug/L	22882300	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
Data File : VW014652.D
Acq On : 15 Jan 2020 14:17
Operator : SY/VA
Sample : L1109-10
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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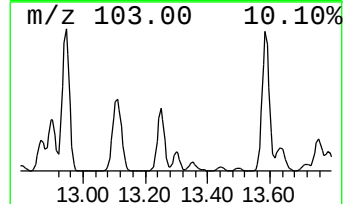
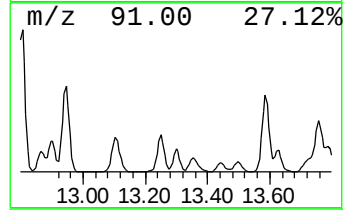
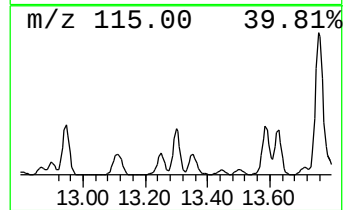
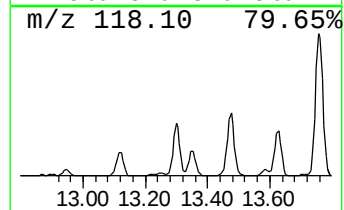
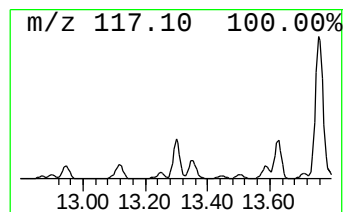
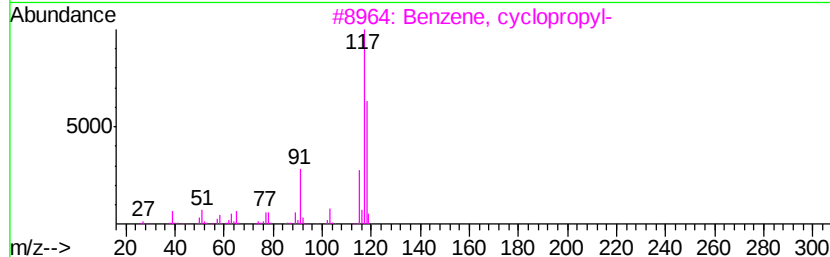
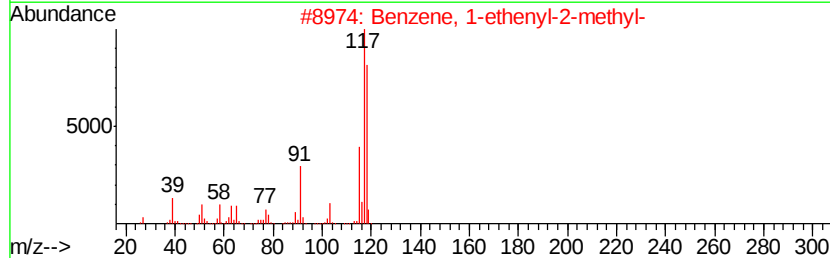
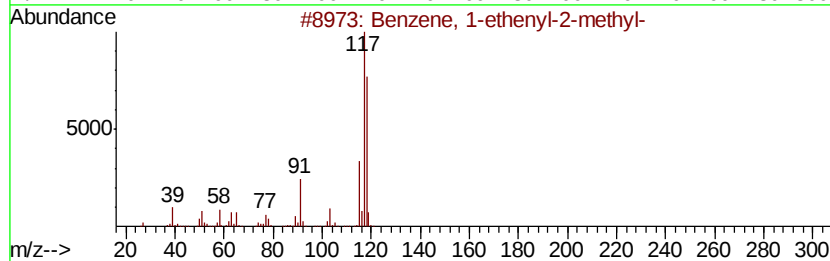
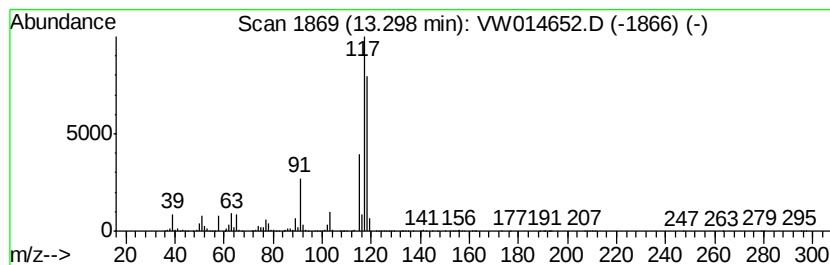
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Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 1-ethenyl-2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	3.06 ug/L	8075610	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
2		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
3		Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
4		Benzene, 2-propenyl-	118	C9H10	000300-57-2	93
5		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	92



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
Data File : VW014652.D
Acq On : 15 Jan 2020 14:17
Operator : SY/VA
Sample : L1109-10
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG9

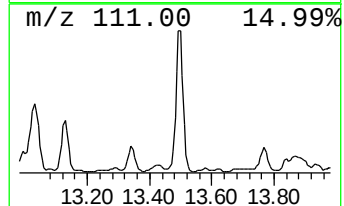
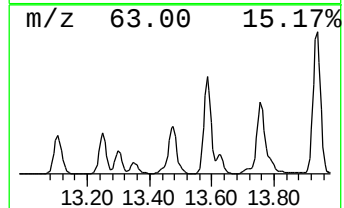
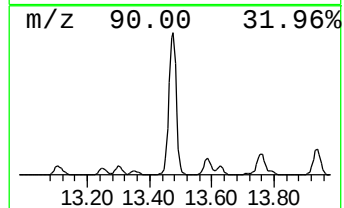
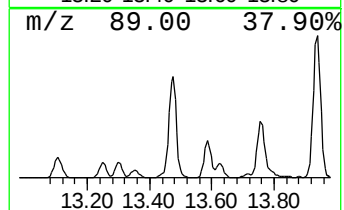
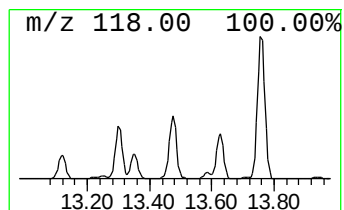
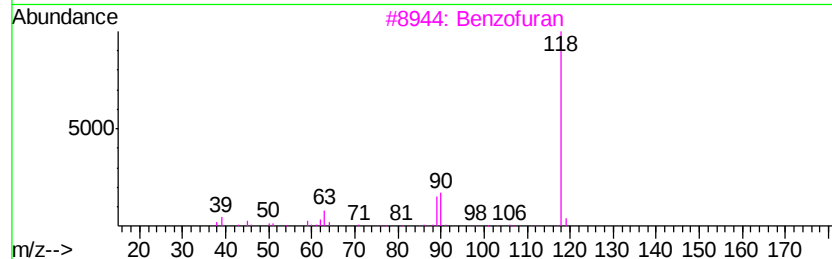
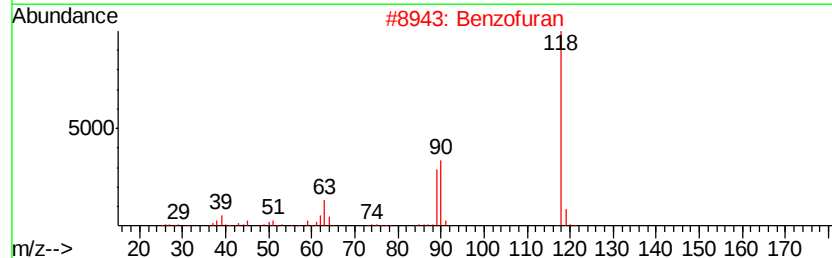
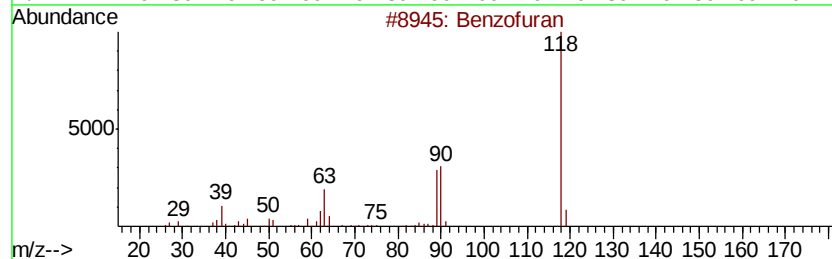
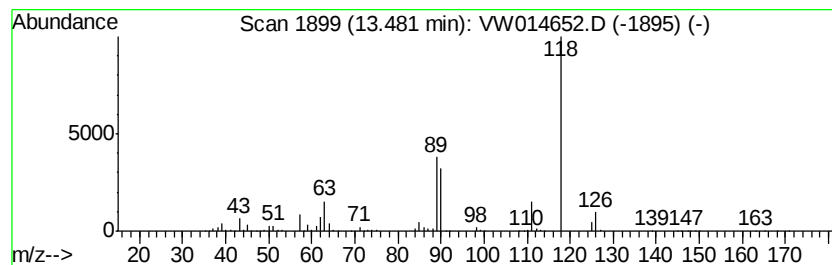
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Quant Title : VOC Analysis

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

Peak Number 18 Benzofuran Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	4.38 ug/L	11563600	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran	118	C8H6O	000271-89-6	91
2		Benzofuran	118	C8H6O	000271-89-6	74
3		Benzofuran	118	C8H6O	000271-89-6	37
4		3-Pyridineacetonitrile	118	C7H6N2	006443-85-2	28
5		1H-Benzimidazole	118	C7H6N2	000051-17-2	28



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
Data File : VW014652.D
Acq On : 15 Jan 2020 14:17
Operator : SY/VA
Sample : L1109-10
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG9

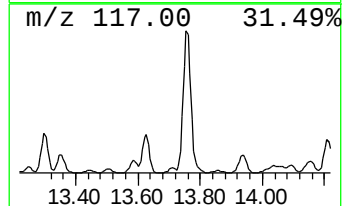
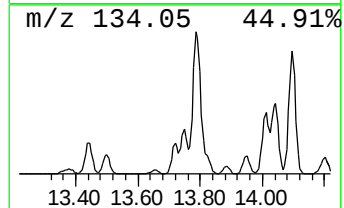
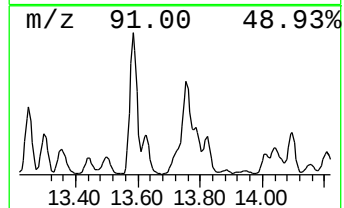
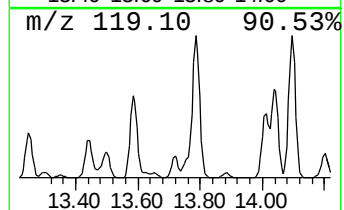
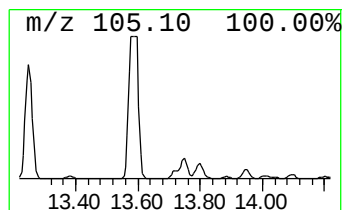
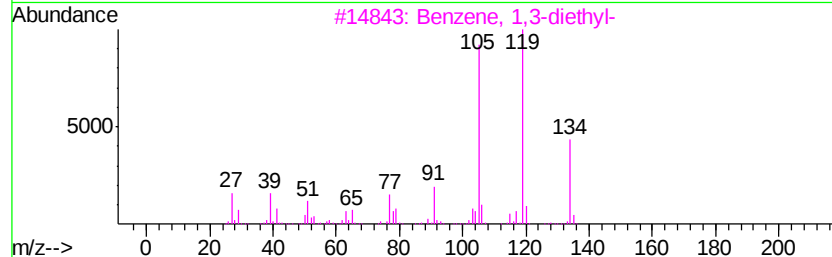
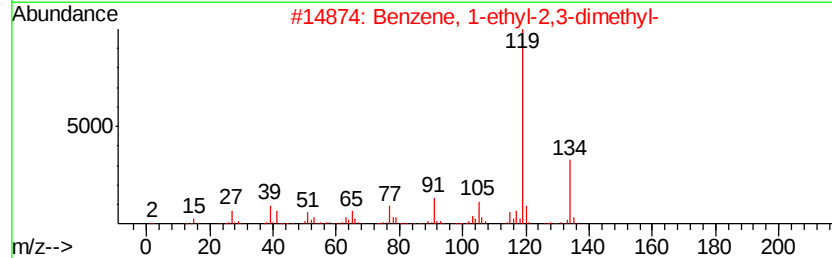
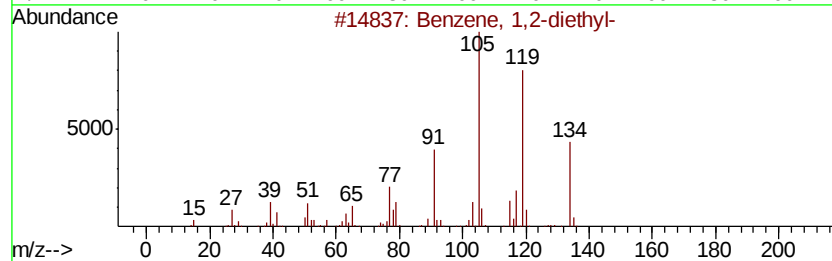
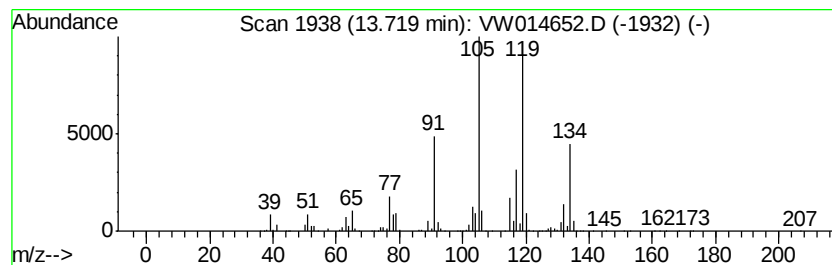
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Quant Title : VOC Analysis

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

Peak Number 19 Benzene, 1,2-diethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	1.46 ug/L	3857690	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87
5			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
Data File : VW014652.D
Acq On : 15 Jan 2020 14:17
Operator : SY/VA
Sample : L1109-10
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

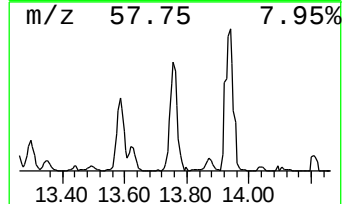
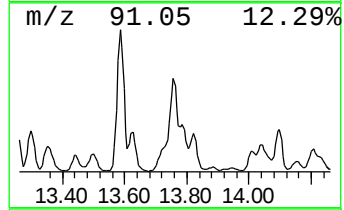
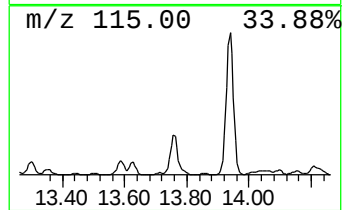
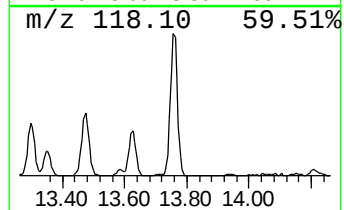
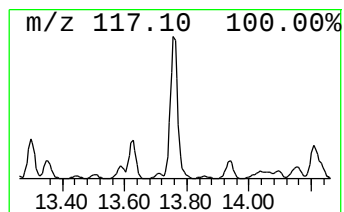
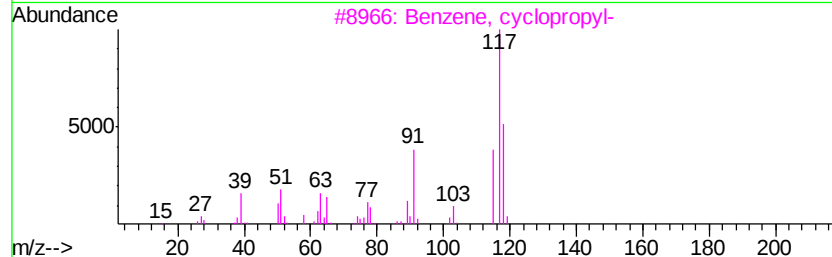
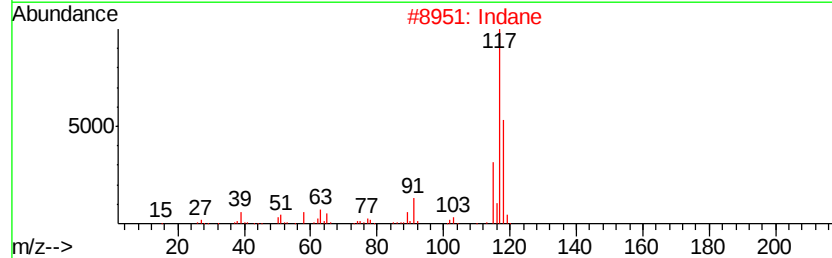
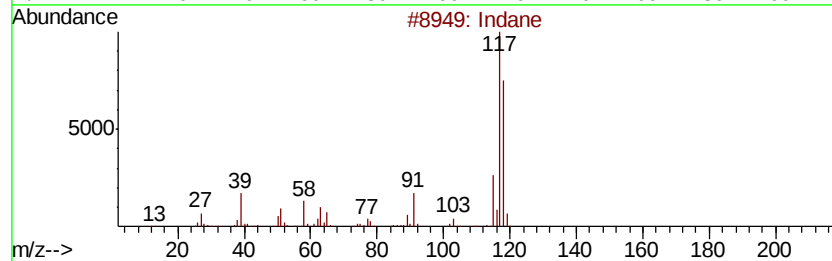
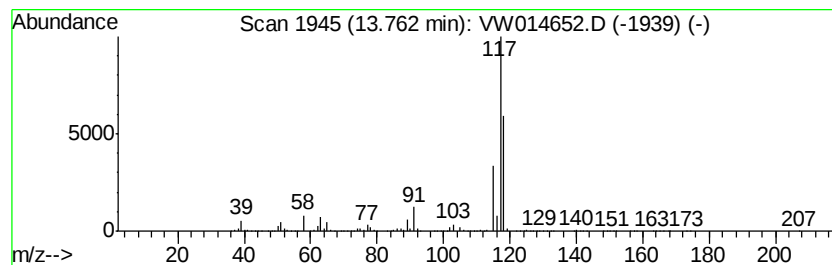
Instrument :
MSVOA_W
ClientSampleId :
GASG9

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

Peak Number 20 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	11.35 ug/L	29954000	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Indane		118 C9H10	000496-11-7 81
2	Indane		118 C9H10	000496-11-7 81
3	Benzene, cyclopropyl-		118 C9H10	000873-49-4 76
4	1,4:5,8-Dimethanobiphenylene, 1,...		184 C14H16	001624-13-1 72
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...		118 C9H10	1000191-13-7 72



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
Data File : VW014652.D
Acq On : 15 Jan 2020 14:17
Operator : SY/VA
Sample : L1109-10
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG9

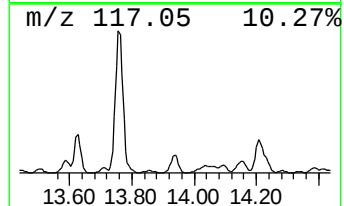
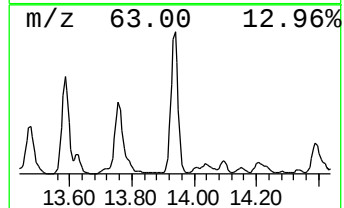
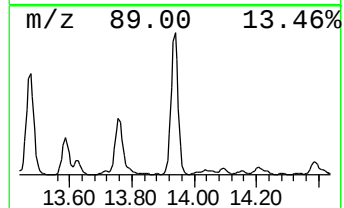
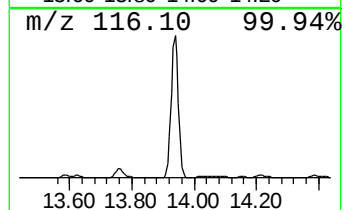
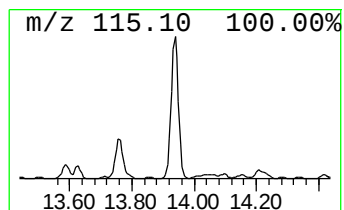
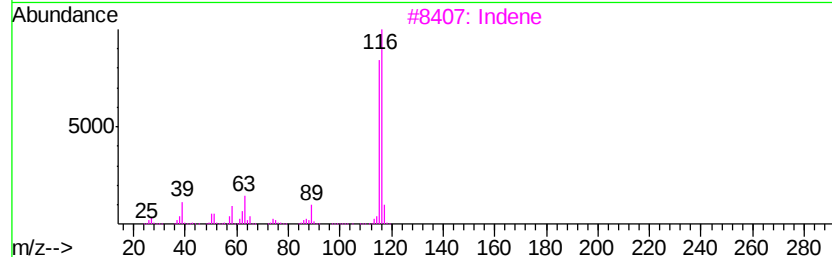
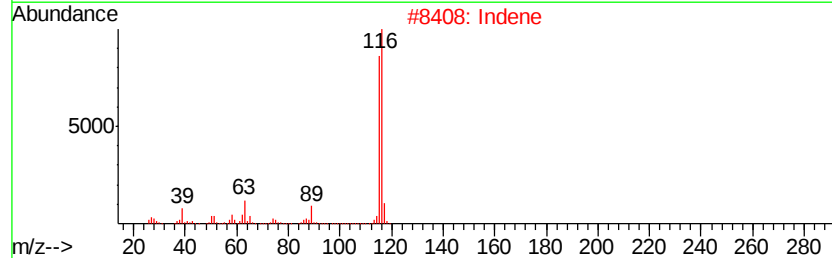
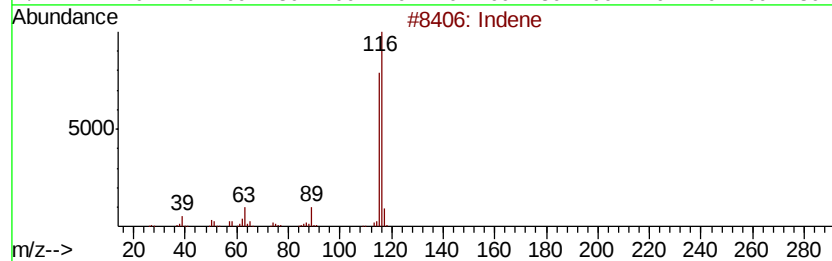
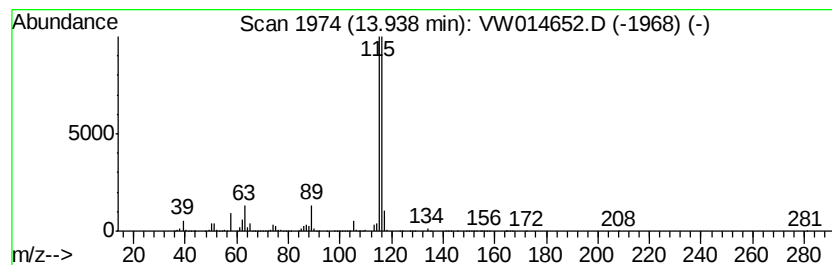
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Quant Title : VOC Analysis

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

Peak Number 21 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	14.36 ug/L	37900100	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	97
2		Indene	116	C9H8	000095-13-6	97
3		Indene	116	C9H8	000095-13-6	96
4		3-Methylphenylacetylene	116	C9H8	000766-82-5	94
5		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
Data File : VW014652.D
Acq On : 15 Jan 2020 14:17
Operator : SY/VA
Sample : L1109-10
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG9

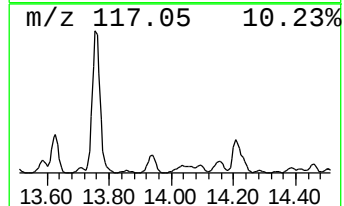
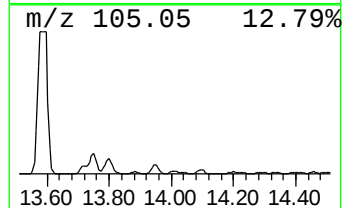
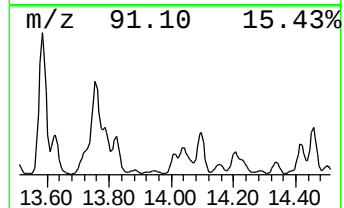
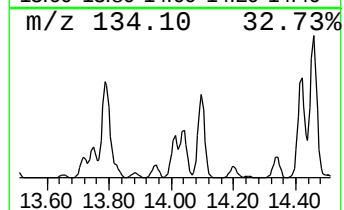
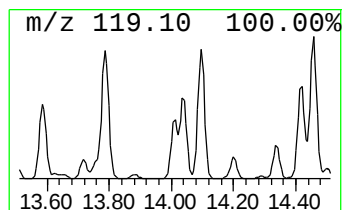
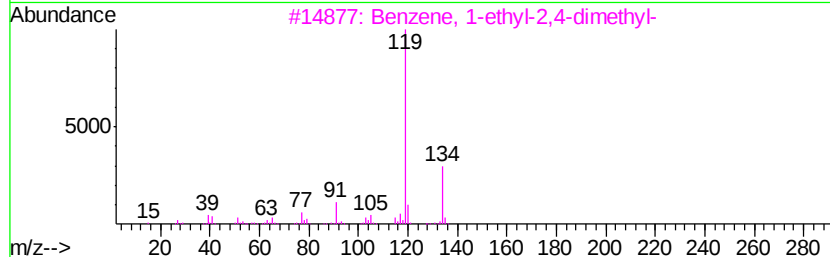
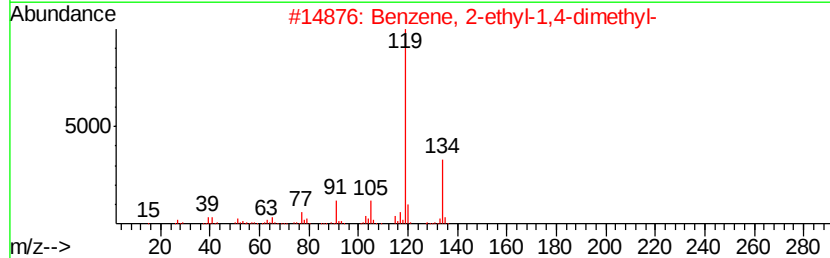
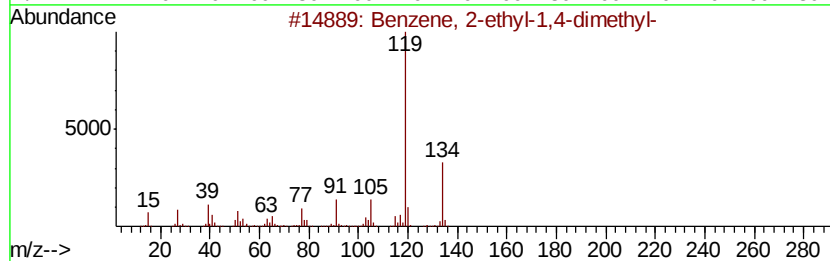
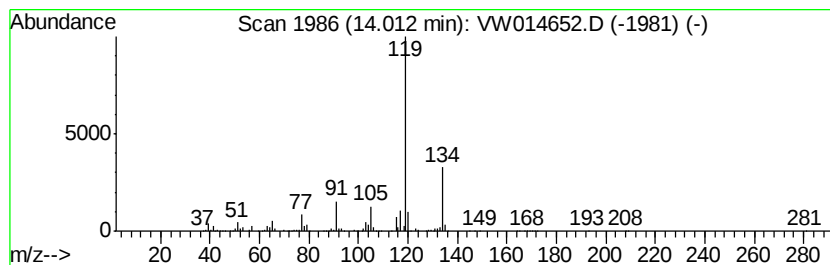
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Quant Title : VOC Analysis

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

Peak Number 22 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	2.07 ug/L	5449960	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
Data File : VW014652.D
Acq On : 15 Jan 2020 14:17
Operator : SY/VA
Sample : L1109-10
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG9

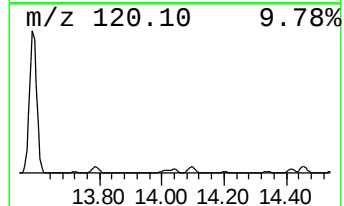
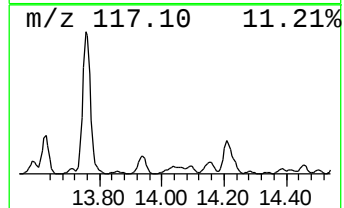
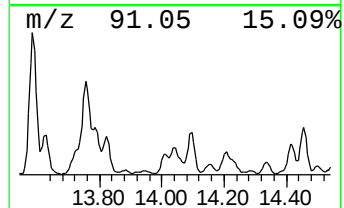
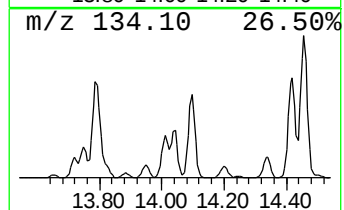
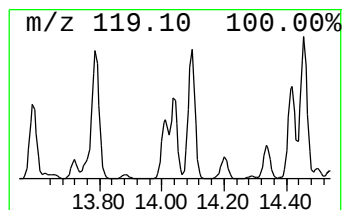
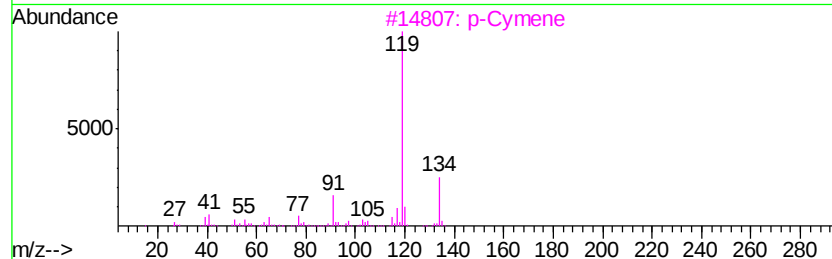
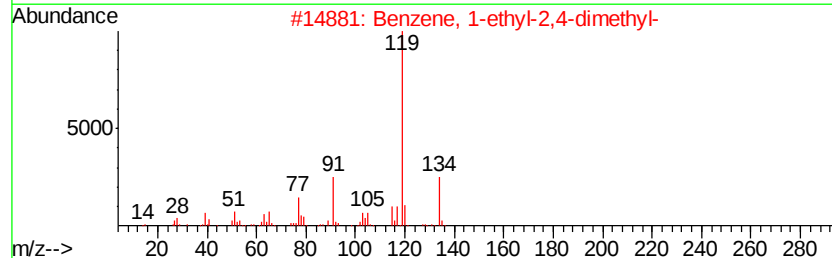
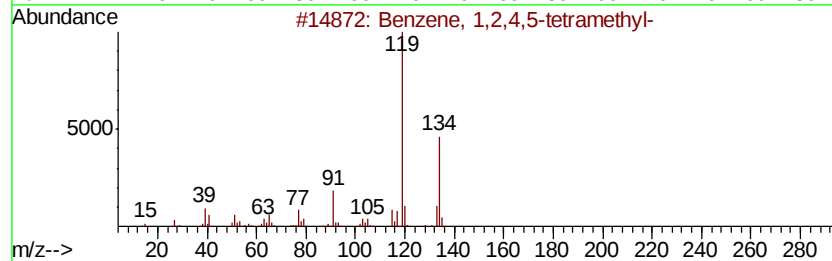
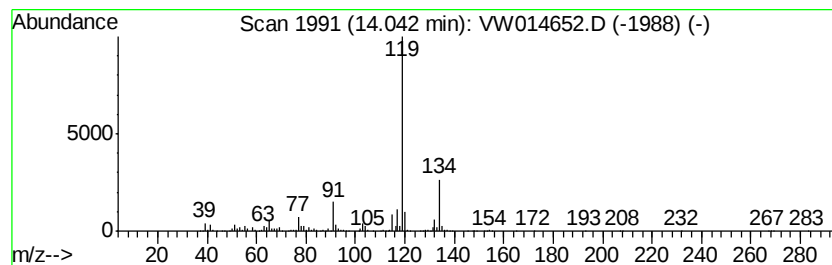
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Quant Title : VOC Analysis

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

Peak Number 23 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	3.24 ug/L	8549050	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
3		p-Cymene	134	C10H14	000099-87-6	91
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
Data File : VW014652.D
Acq On : 15 Jan 2020 14:17
Operator : SY/VA
Sample : L1109-10
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG9

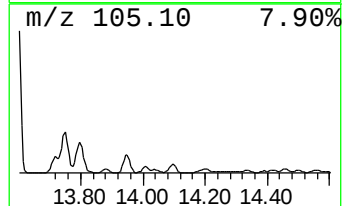
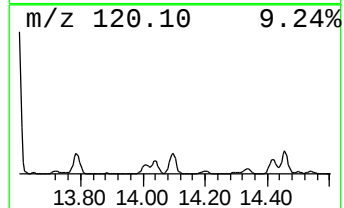
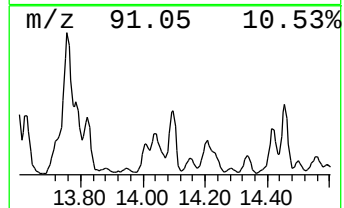
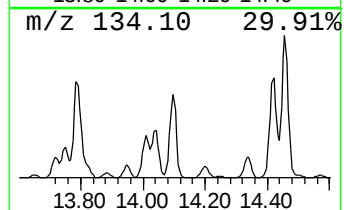
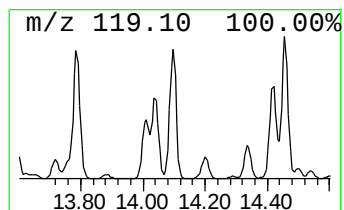
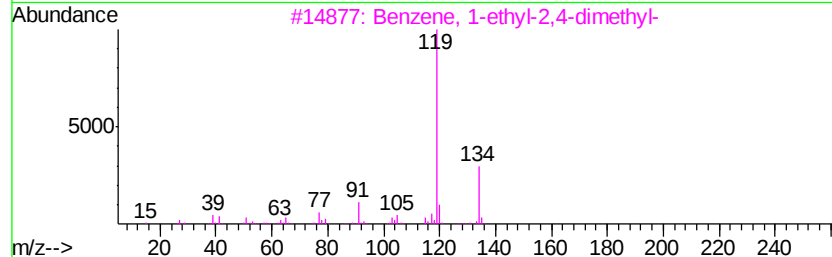
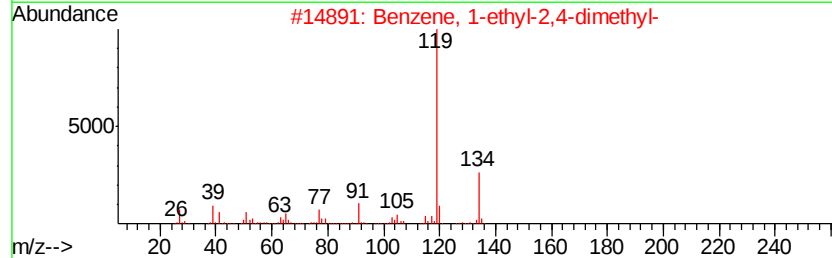
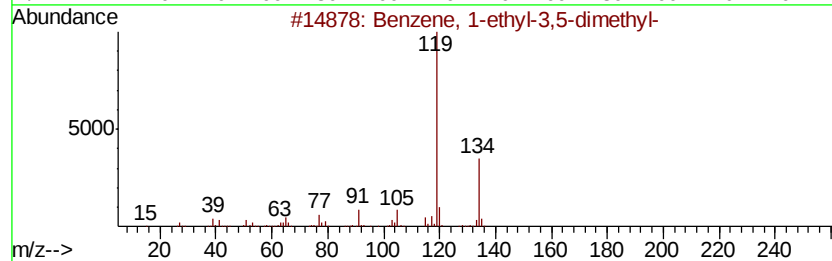
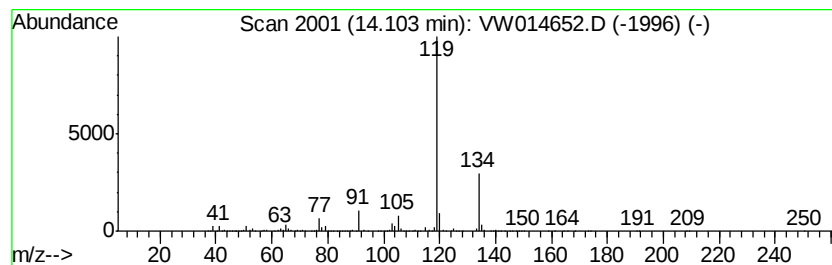
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Quant Title : VOC Analysis

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

Peak Number 24 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	4.05 ug/L	10697900	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
4			o-Cymene	134	C10H14	000527-84-4	91
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
Data File : VW014652.D
Acq On : 15 Jan 2020 14:17
Operator : SY/VA
Sample : L1109-10
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG9

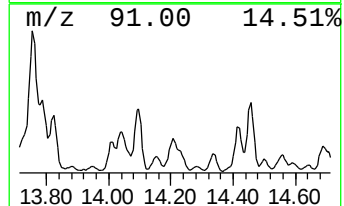
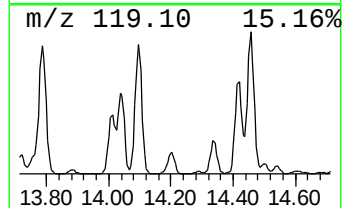
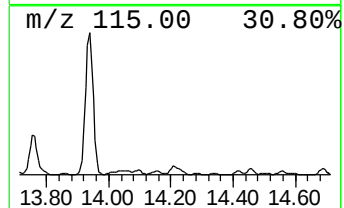
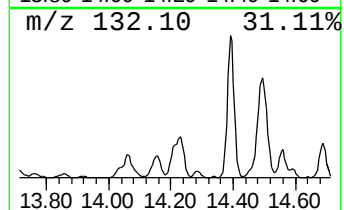
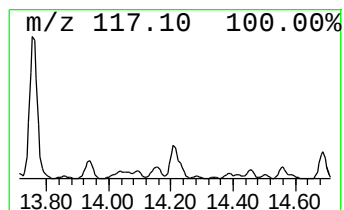
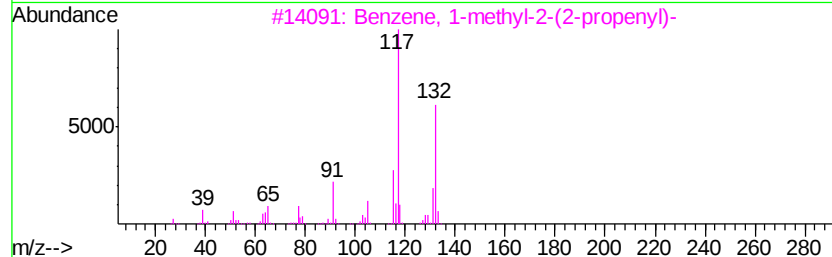
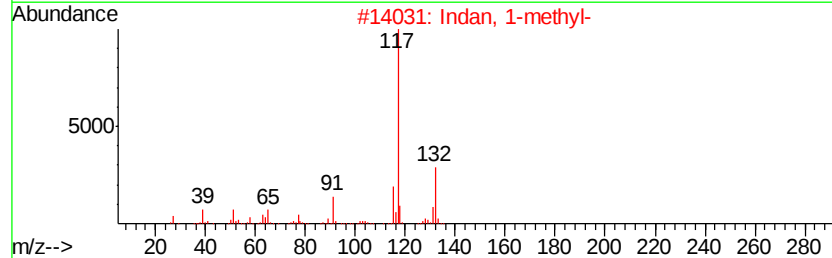
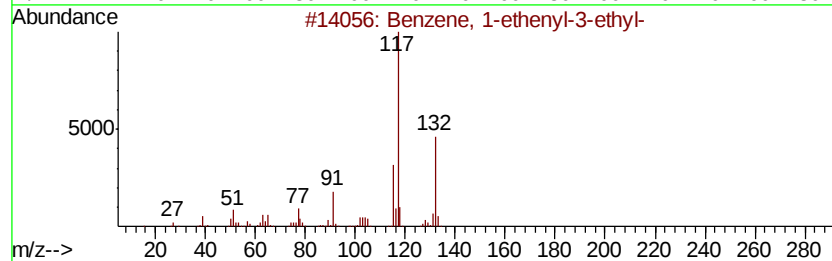
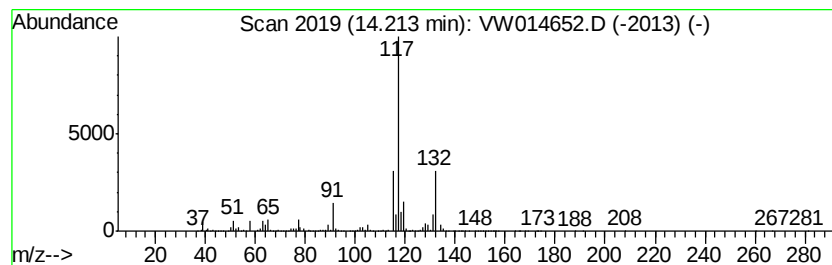
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Quant Title : VOC Analysis

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

Peak Number 25 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	3.78 ug/L	9986380	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
2		Indan, 1-methyl-	132	C10H12	000767-58-8	76
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	76
4		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	76
5		Indan, 1-methyl-	132	C10H12	000767-58-8	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
Data File : VW014652.D
Acq On : 15 Jan 2020 14:17
Operator : SY/VA
Sample : L1109-10
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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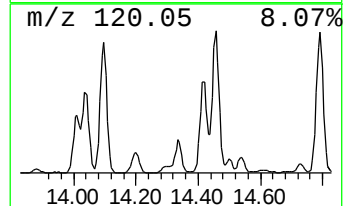
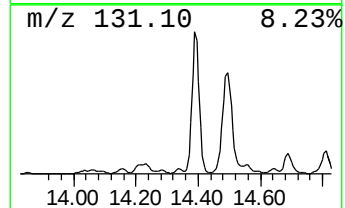
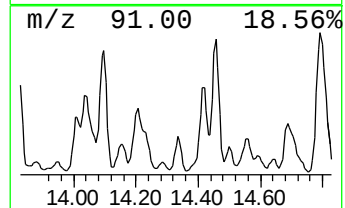
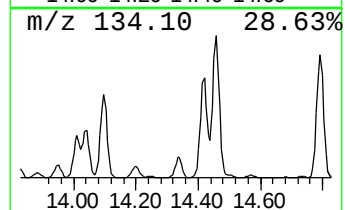
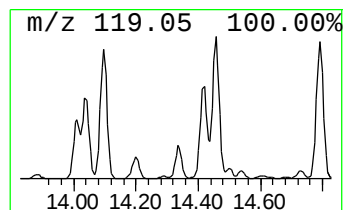
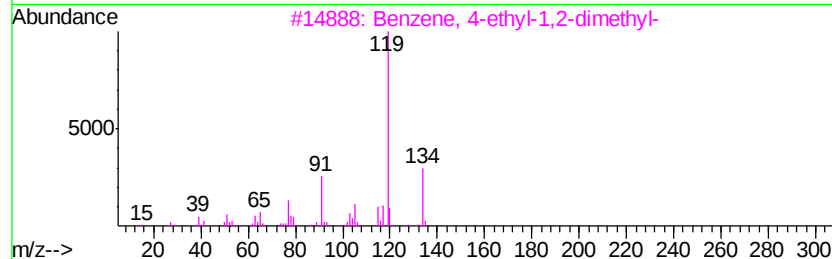
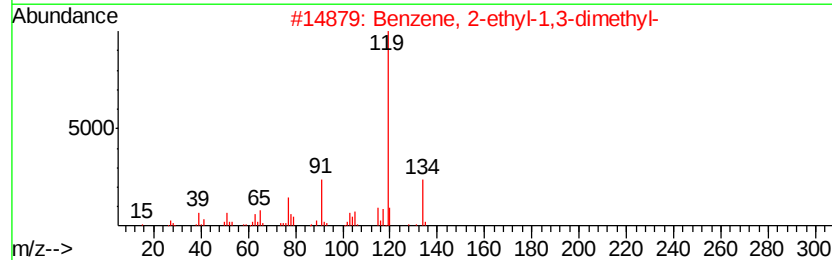
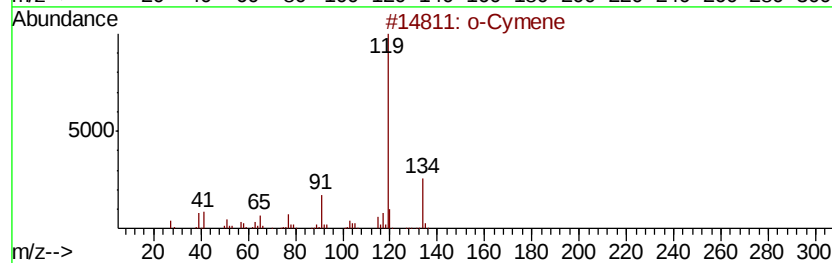
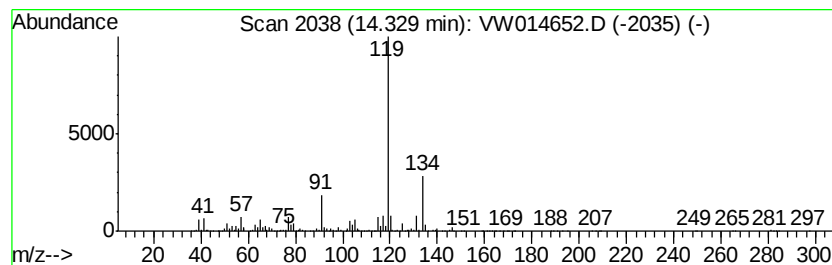
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Quant Title : VOC Analysis

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

Peak Number 26 o-Cymene Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	1.27 ug/L	3355470	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	94
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4		o-Cymene	134	C10H14	000527-84-4	93
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
Data File : VW014652.D
Acq On : 15 Jan 2020 14:17
Operator : SY/VA
Sample : L1109-10
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG9

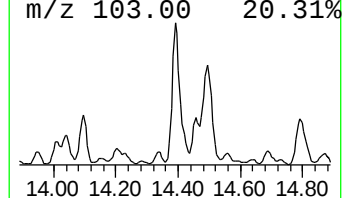
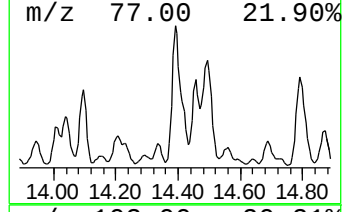
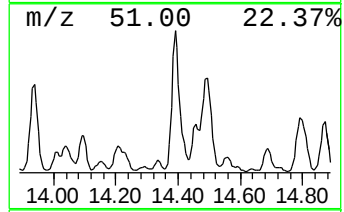
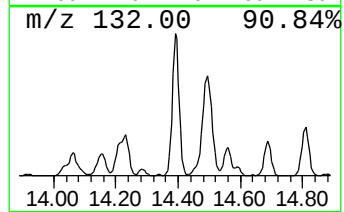
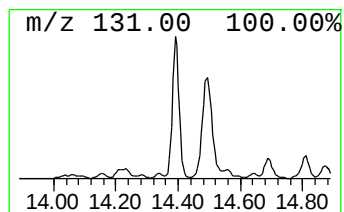
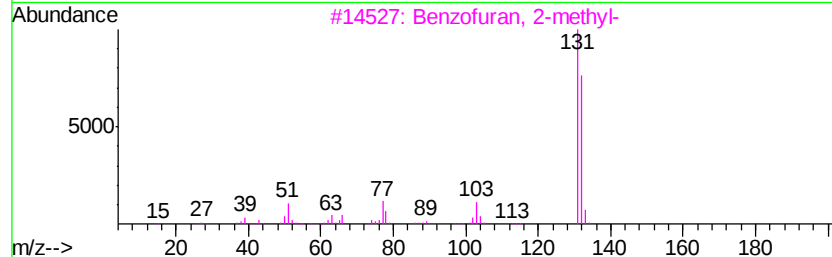
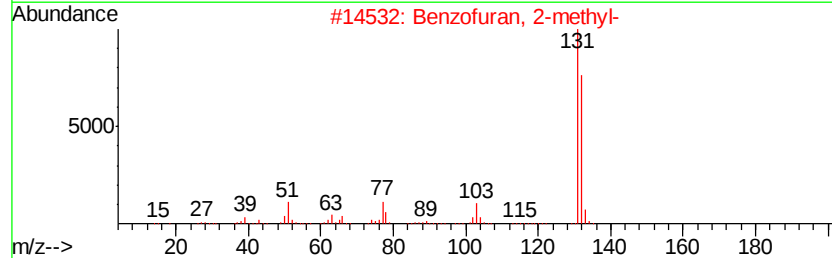
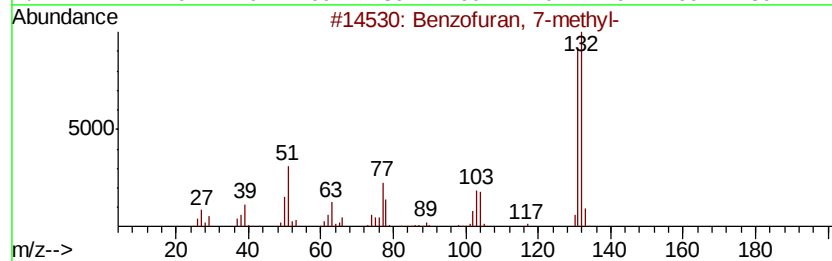
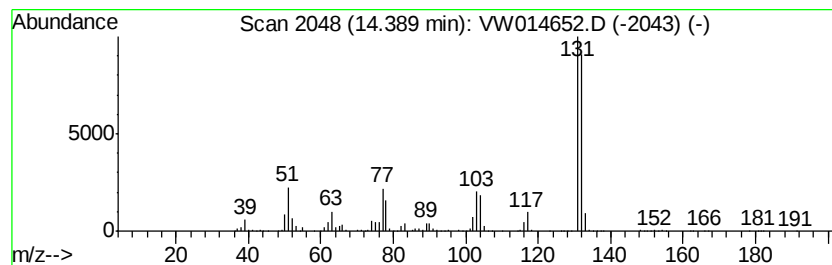
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Quant Title : VOC Analysis

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

Peak Number 27 Benzofuran, 7-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	5.44 ug/L	14350500	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	96
2			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
3			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
4			2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
5			3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
Data File : VW014652.D
Acq On : 15 Jan 2020 14:17
Operator : SY/VA
Sample : L1109-10
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG9

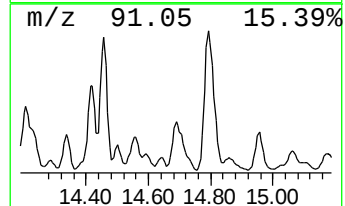
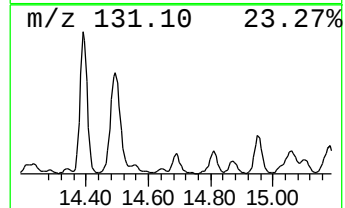
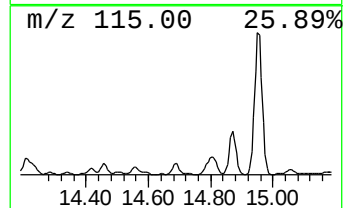
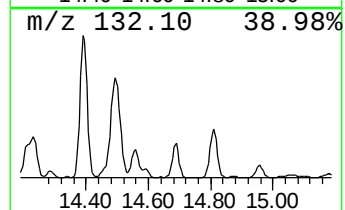
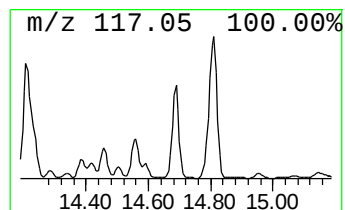
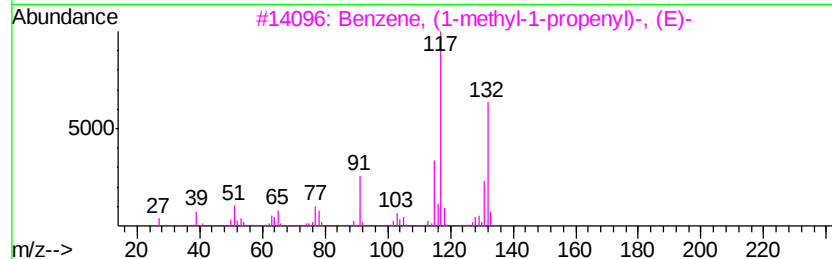
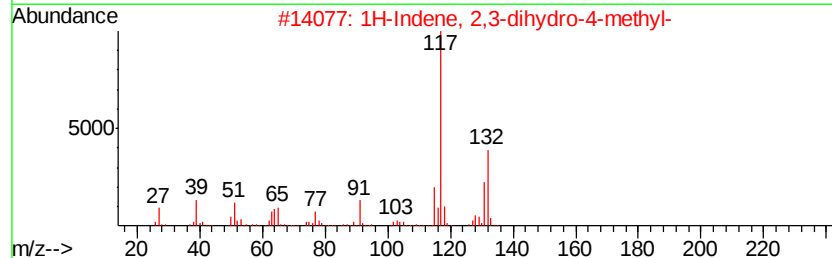
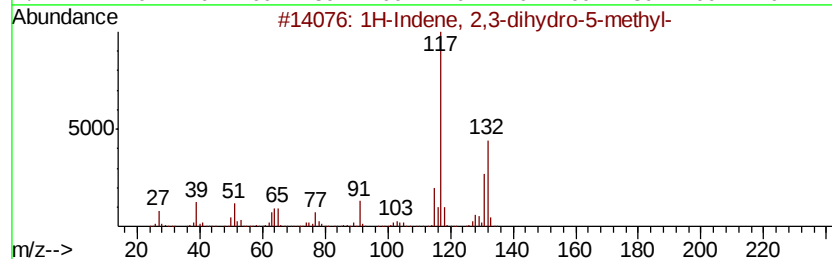
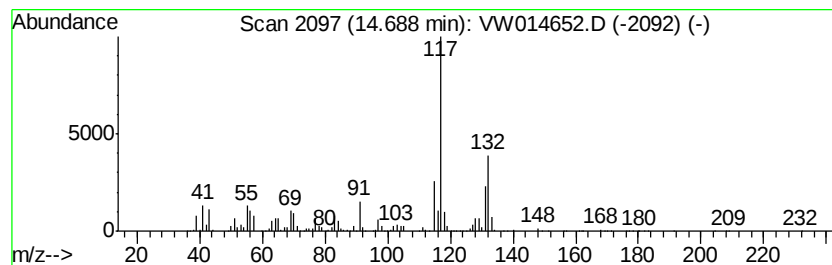
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Quant Title : VOC Analysis

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

Peak Number 29 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	3.18 ug/L	8391800	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	95
2			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
3			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
4			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	87
5			1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
 Data File : VW014652.D
 Acq On : 15 Jan 2020 14:17
 Operator : SY/VA
 Sample : L1109-10
 Misc : 5.06G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
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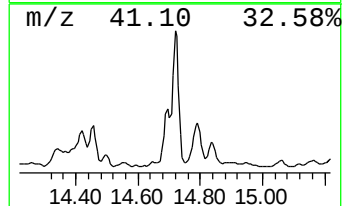
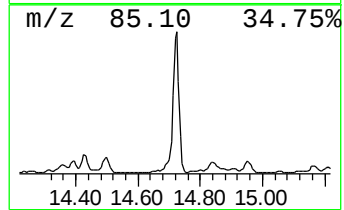
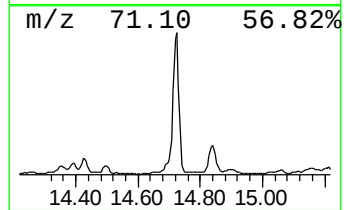
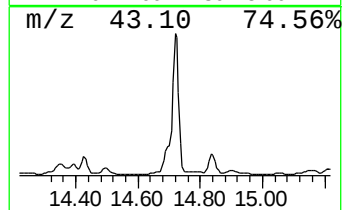
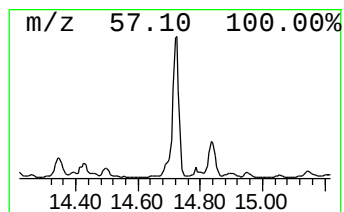
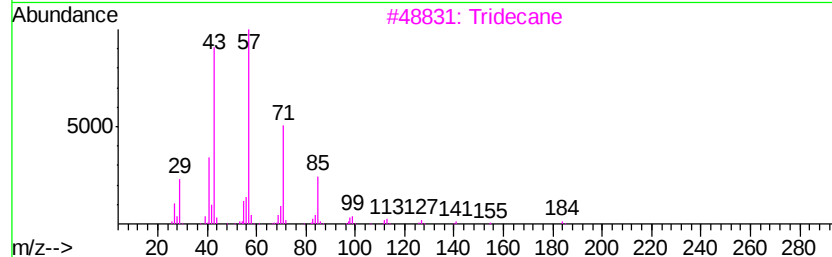
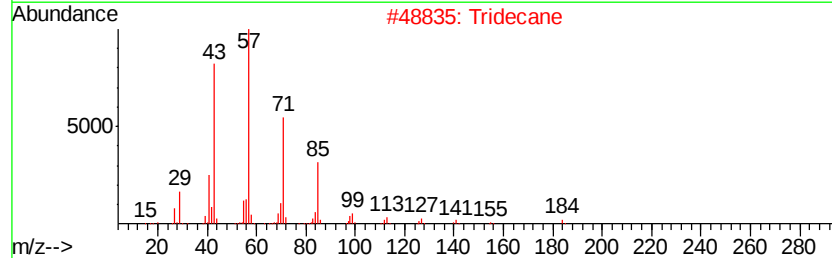
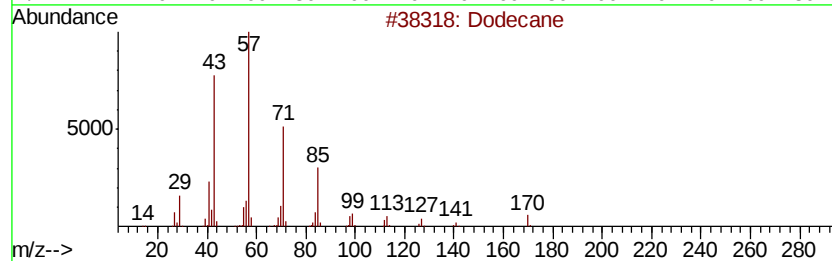
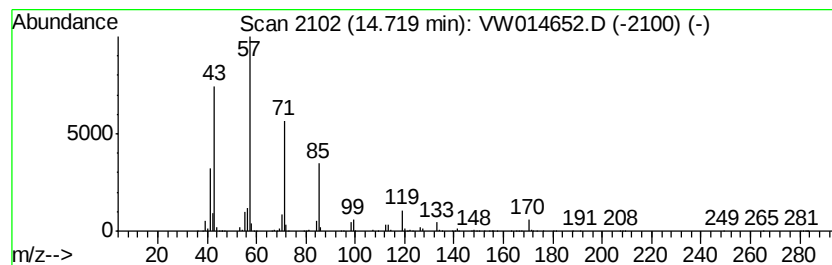
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 Quant Title : VOC Analysis

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

 Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	2.69 ug/L	7099540	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	74
2		Tridecane	184	C13H28	000629-50-5	64
3		Tridecane	184	C13H28	000629-50-5	64
4		Hexadecane	226	C16H34	000544-76-3	64
5		Dodecane	170	C12H26	000112-40-3	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
Data File : VW014652.D
Acq On : 15 Jan 2020 14:17
Operator : SY/VA
Sample : L1109-10
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG9

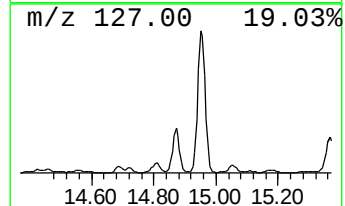
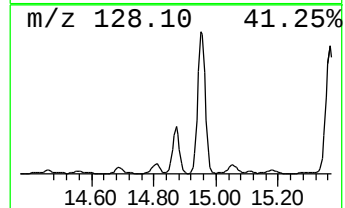
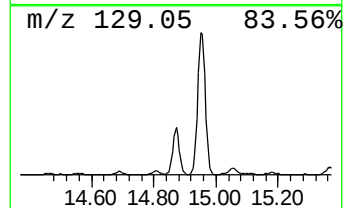
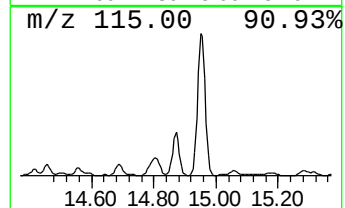
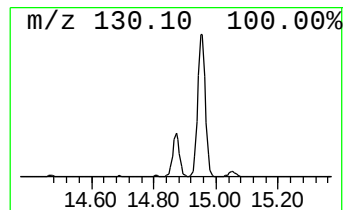
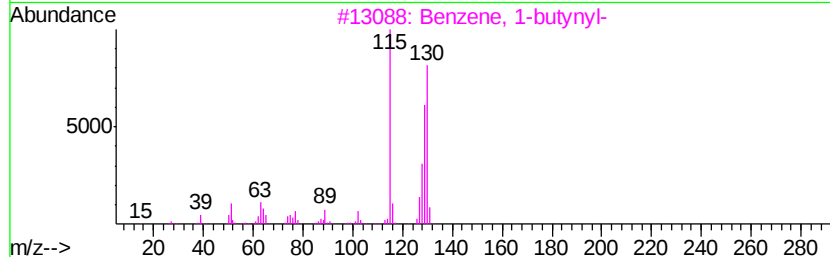
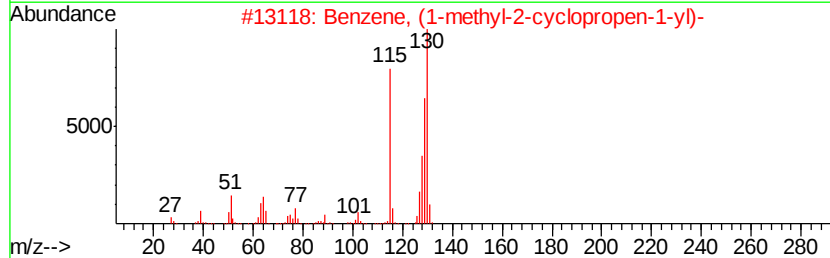
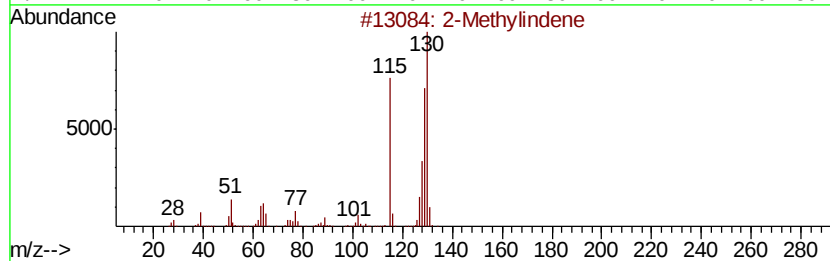
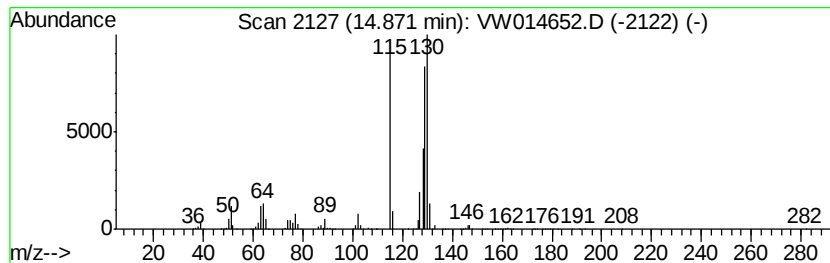
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Quant Title : VOC Analysis

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

Peak Number 32 2-Methylindene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	4.16 ug/L	10975900	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methylindene	130	C10H10	002177-47-1	97
2		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
3		Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
4		Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
5		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
Data File : VW014652.D
Acq On : 15 Jan 2020 14:17
Operator : SY/VA
Sample : L1109-10
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GASG9

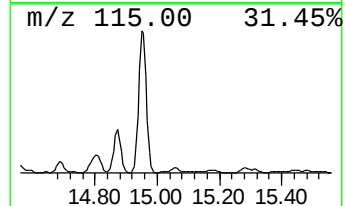
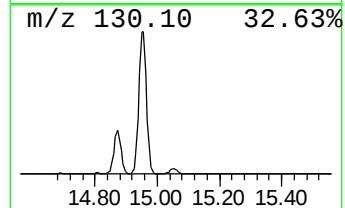
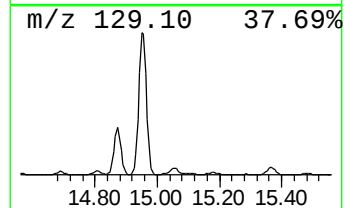
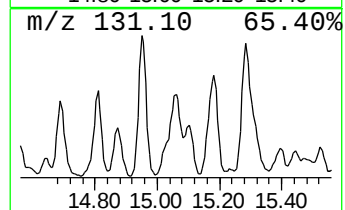
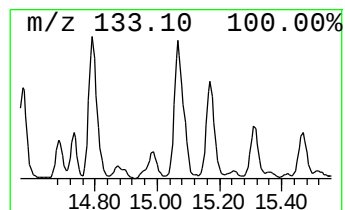
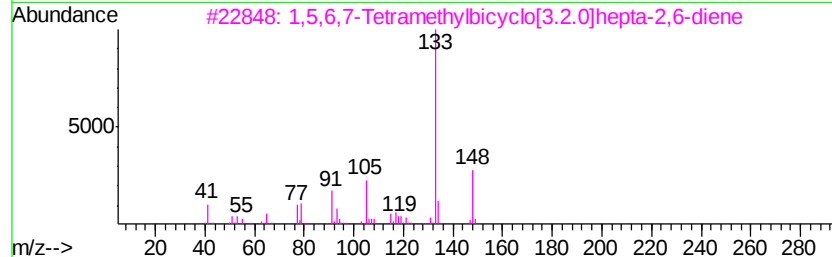
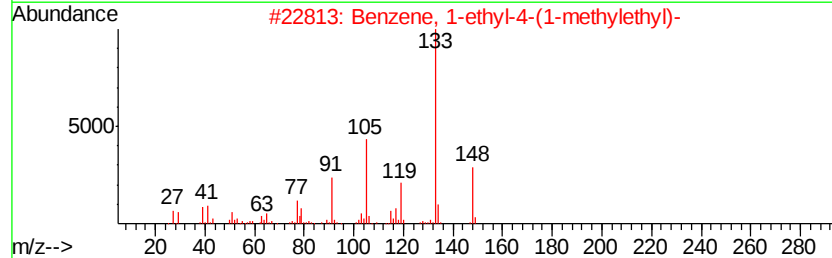
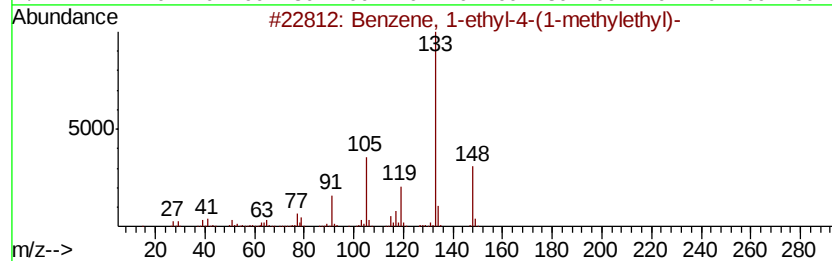
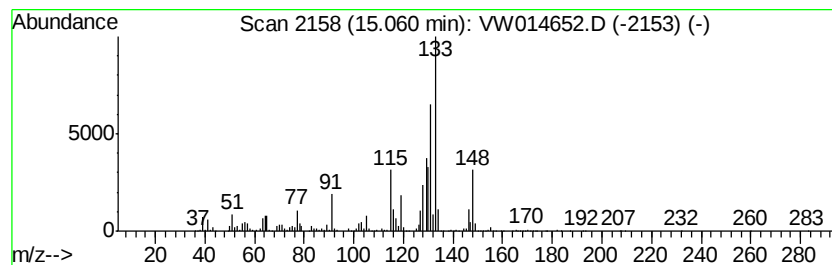
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Quant Title : VOC Analysis

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

Peak Number 34 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	1.81 ug/L	4788910	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	50
2		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	45
3		1,5,6,7-Tetramethylbicyclo[3.2.0]hepta-2,6-diene	148	C11H16	134329-46-7	43
4		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	43
5		4-tert-Butyltoluene	148	C11H16	000098-51-1	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
Data File : VW014652.D
Acq On : 15 Jan 2020 14:17
Operator : SY/VA
Sample : L1109-10
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

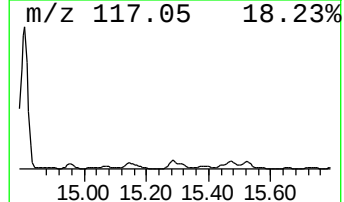
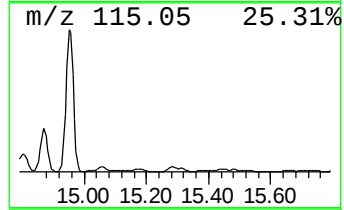
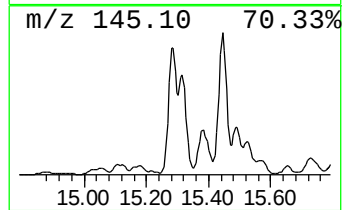
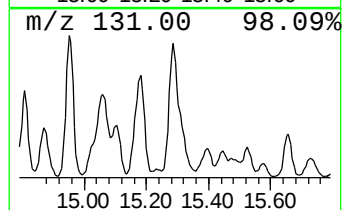
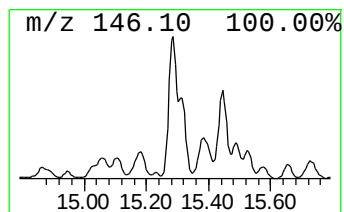
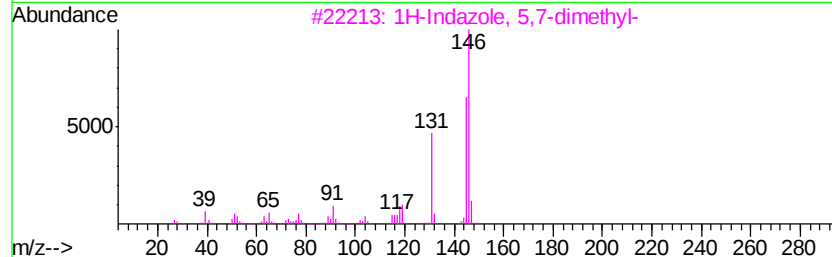
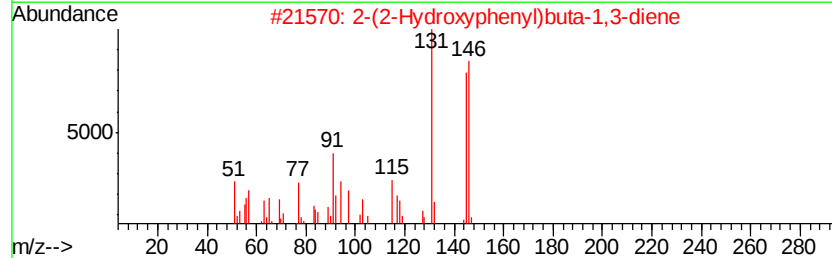
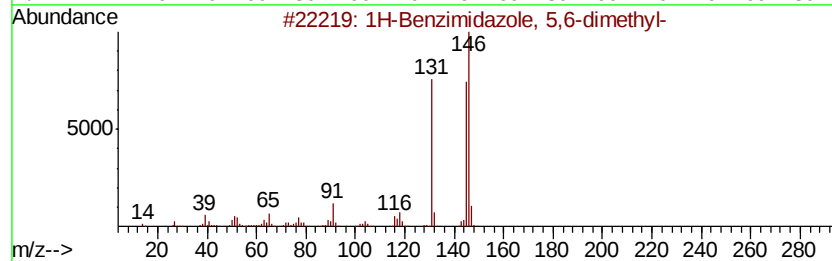
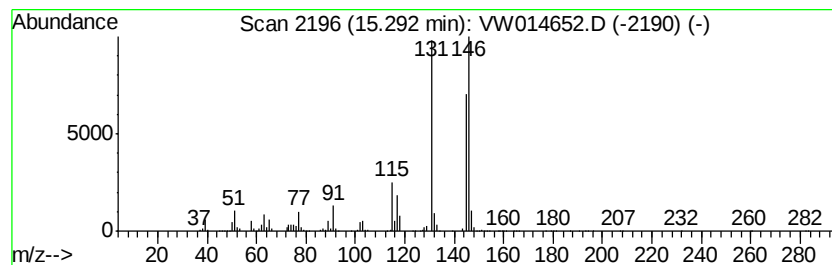
Instrument :
MSVOA_W
ClientSampleId :
GASG9

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

Peak Number 35 1H-Benzimidazole, 5,6-dimet... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	1.50 ug/L	3949630	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Benzimidazole, 5,6-dimethyl-	146 C9H10N2	000582-60-5 90
2		2-(2-Hydroxyphenyl)buta-1,3-diene	146 C10H10O	038865-47-3 86
3		1H-Indazole, 5,7-dimethyl-	146 C9H10N2	043067-41-0 80
4		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001680-51-9 72
5		1H-Inden-1-one, 2,3-dihydro-2-me...	146 C10H10O	017496-14-9 72



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
Data File : VW014652.D
Acq On : 15 Jan 2020 14:17
Operator : SY/VA
Sample : L1109-10
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

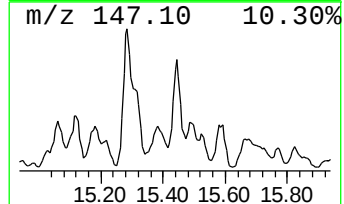
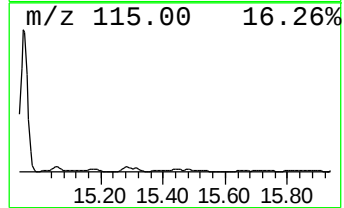
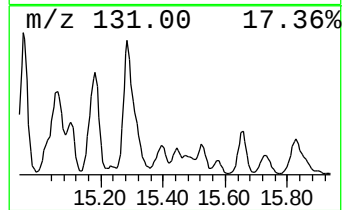
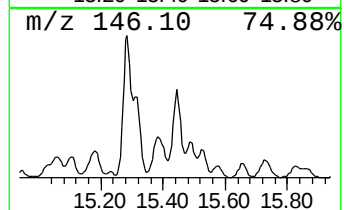
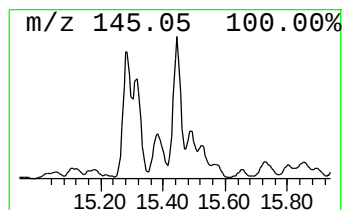
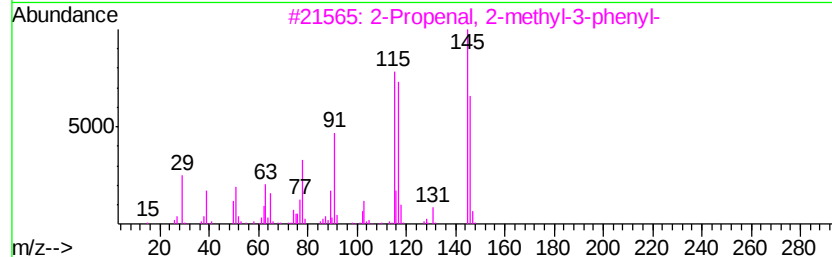
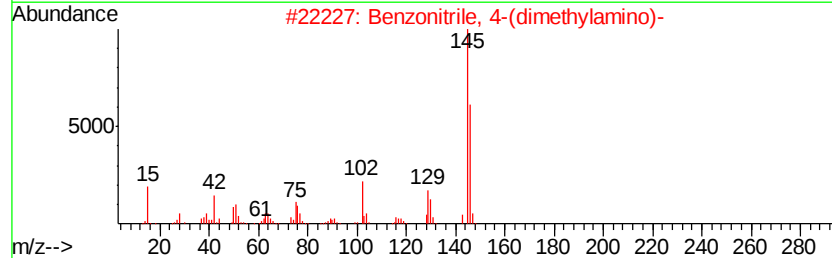
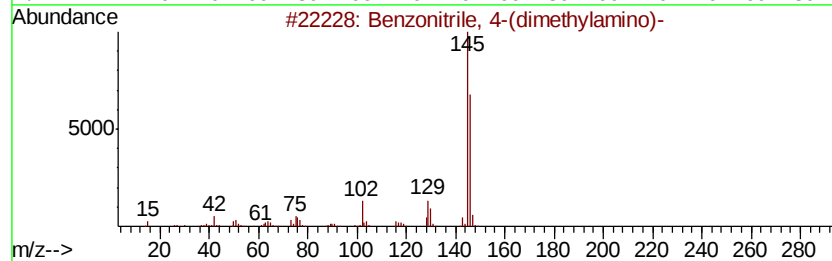
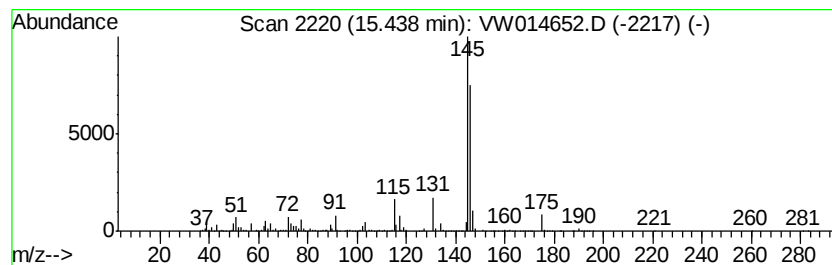
Instrument :
MSVOA_W
ClientSampleId :
GASG9

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

Peak Number 37 Benzonitrile, 4-(dimethylamino) Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	1.73 ug/L	4563350	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzonitrile, 4-(dimethylamino)-	146 C9H10N2	001197-19-9 59
2		Benzonitrile, 4-(dimethylamino)-	146 C9H10N2	001197-19-9 59
3		2-Propenal, 2-methyl-3-phenyl-	146 C10H10O	000101-39-3 59
4		2-Propenal, 2-methyl-3-phenyl-	146 C10H10O	000101-39-3 50
5		1H-Indazole, 5,7-dimethyl-	146 C9H10N2	043067-41-0 47



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
Data File : VW014652.D
Acq On : 15 Jan 2020 14:17
Operator : SY/VA
Sample : L1109-10
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG9

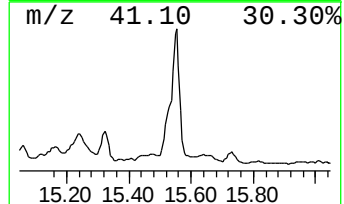
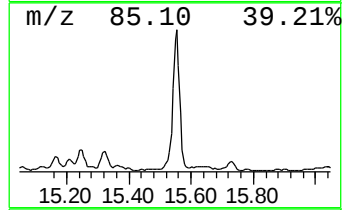
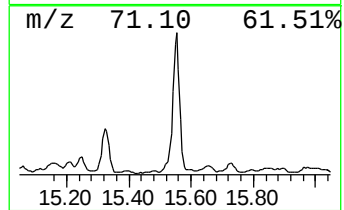
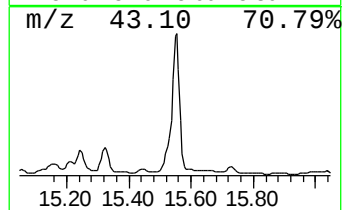
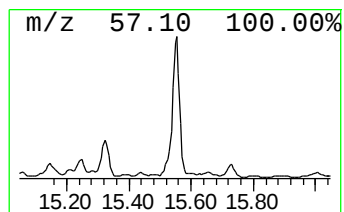
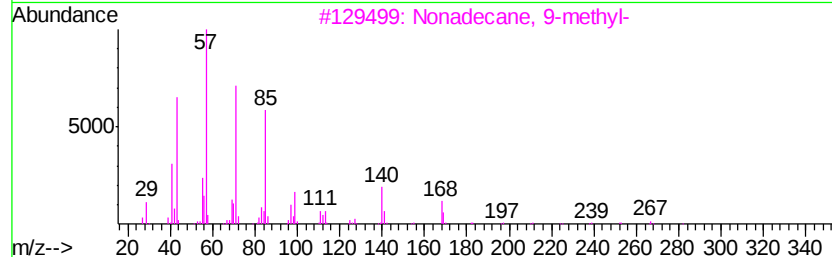
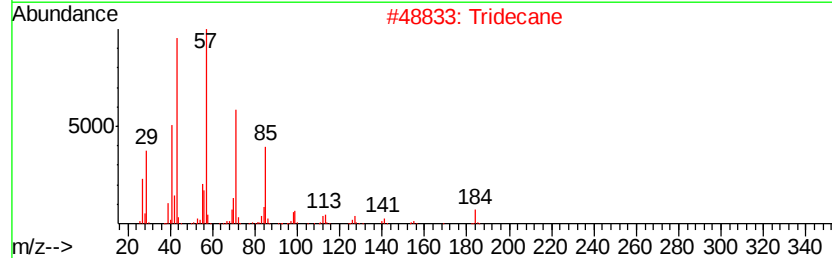
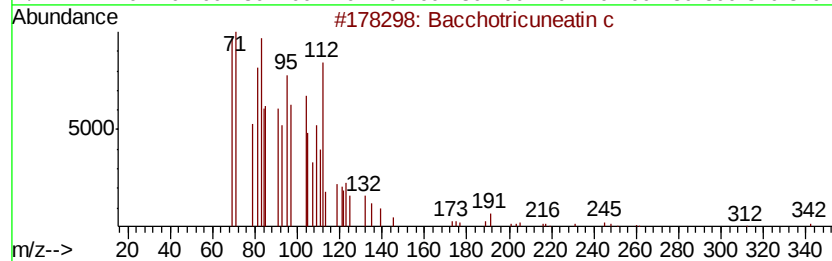
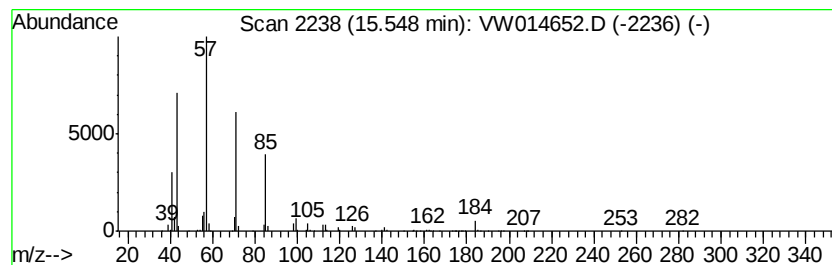
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Quant Title : VOC Analysis

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

Peak Number 38 Bacchotricuneatin c Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	1.47 ug/L	3886190	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
2			Tridecane	184	C13H28	000629-50-5	91
3			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
4			Tridecane	184	C13H28	000629-50-5	87
5			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
Data File : VW014652.D
Acq On : 15 Jan 2020 14:17
Operator : SY/VA
Sample : L1109-10
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG9

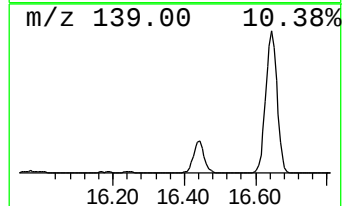
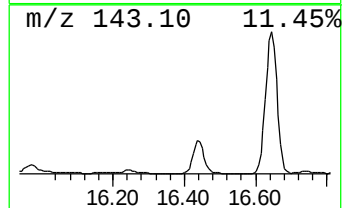
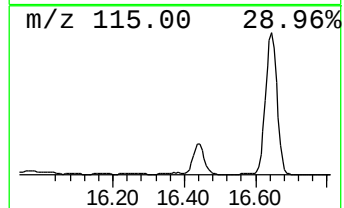
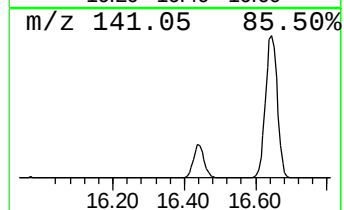
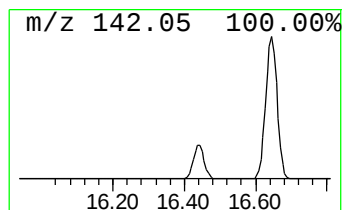
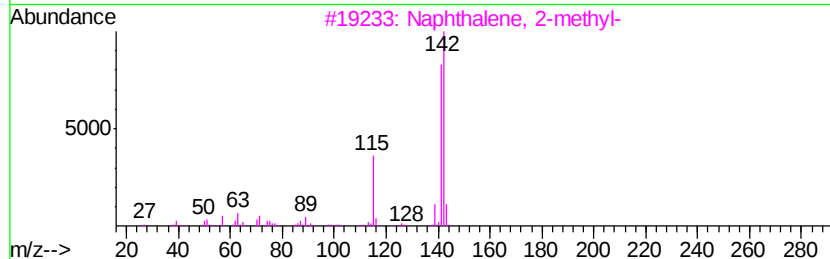
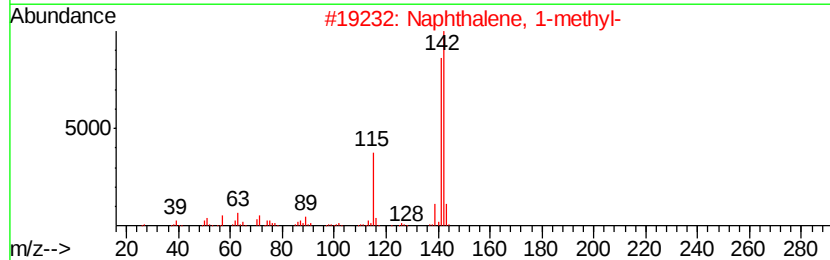
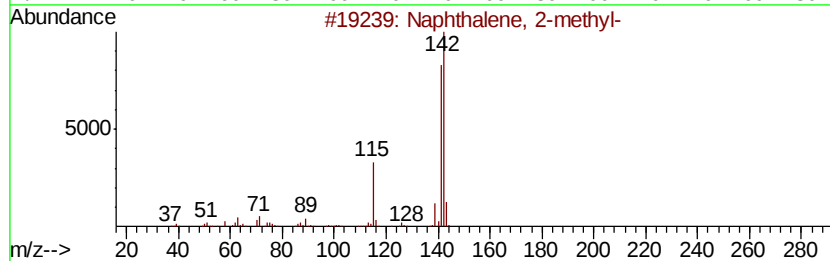
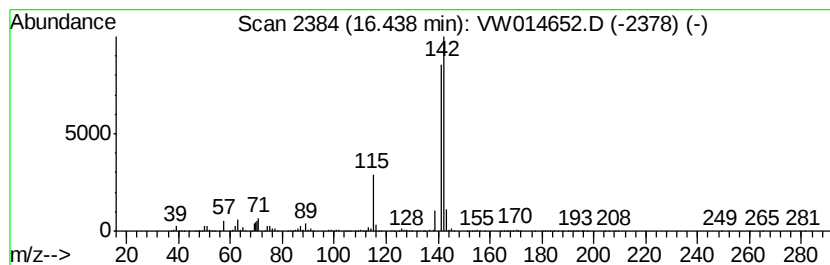
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 39 Naphthalene, 1-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	2.26 ug/L	5952280	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011520\
 Data File : VW014652.D
 Acq On : 15 Jan 2020 14:17
 Operator : SY/VA
 Sample : L1109-10
 Misc : 5.06G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASG9

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
Thiophene, 2-methyl-	10.49	4.2	ug/L	119408	2	11.63	717825	25.0
Thiophene, 3-methyl-	10.64	8.7	ug/L	248381	2	11.63	717825	25.0
Biphenyl	11.29	5.5	ug/L	158458	2	11.63	717825	25.0
Thiophene, 3-ethyl-	11.98	21.3	ug/L	612332	2	11.63	717825	25.0
Thiophene, 2,4-di...	12.35	87.3	ug/L	2506990	2	11.63	717825	25.0
Benzene, propyl-	12.80	3.4	ug/L	8873590	3	13.55	65968100	25.0
Benzene, 1-ethyl-...	12.87	5.3	ug/L	13899000	3	13.55	65968100	25.0
Benzene, 1-ethyl-...	12.90	8.7	ug/L	22882300	3	13.55	65968100	25.0
Benzene, 1-etheny...	13.30	3.1	ug/L	8075610	3	13.55	65968100	25.0
Benzofuran	13.48	4.4	ug/L	11563600	3	13.55	65968100	25.0
Benzene, 1,2-diet...	13.72	1.5	ug/L	3857690	3	13.55	65968100	25.0
Indane	13.76	11.4	ug/L	29954000	3	13.55	65968100	25.0
Indene	13.94	14.4	ug/L	37900100	3	13.55	65968100	25.0
Benzene, 2-ethyl-...	14.01	2.1	ug/L	5449960	3	13.55	65968100	25.0
Benzene, 1,2,4,5-...	14.04	3.2	ug/L	8549050	3	13.55	65968100	25.0
Benzene, 1-ethyl-...	14.10	4.0	ug/L	10697900	3	13.55	65968100	25.0
Benzene, 1-etheny...	14.21	3.8	ug/L	9986380	3	13.55	65968100	25.0
o-Cymene	14.33	1.3	ug/L	3355470	3	13.55	65968100	25.0
Benzofuran, 7-met...	14.39	5.4	ug/L	14350500	3	13.55	65968100	25.0
1H-Indene, 2,3-di...	14.69	3.2	ug/L	8391800	3	13.55	65968100	25.0
(DEL) Alkane: Str...	14.72	2.7	ug/L	7099540	3	13.55	65968100	25.0
2-Methylindene	14.87	4.2	ug/L	10975900	3	13.55	65968100	25.0
Benzene, 1-ethyl-...	15.06	1.8	ug/L	4788910	3	13.55	65968100	25.0
1H-Benzimidazole,...	15.29	1.5	ug/L	3949630	3	13.55	65968100	25.0
Benzonitrile, 4-(...	15.44	1.7	ug/L	4563350	3	13.55	65968100	25.0
Bacchotricuneatin c	15.55	1.5	ug/L	3886190	3	13.55	65968100	25.0
Naphthalene, 1-me...	16.44	2.3	ug/L	5952280	3	13.55	65968100	25.0