

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020419\
 Data File : VW008501.D
 Acq On : 04 Feb 2019 15:01
 Operator : SY/VA
 Sample : K1299-01
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 0035-COMP-1

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % 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\82W012419S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.117	353	363	371	rBV2	30621	80930	1.59%	0.220%
2	7.878	970	980	985	rBV	215321	508211	10.00%	1.378%
3	7.945	985	991	1000	rVB	373044	827324	16.27%	2.244%
4	8.299	1042	1049	1061	rVB	206143	469912	9.24%	1.275%
5	8.842	1128	1138	1147	rBV	536298	1087592	21.39%	2.950%
6	9.329	1205	1218	1224	rBV2	43767	110093	2.17%	0.299%
7	10.323	1373	1381	1396	rBV	864881	1615808	31.78%	4.382%
8	10.500	1403	1410	1419	rVB6	24764	67151	1.32%	0.182%
9	10.933	1472	1481	1488	rVB	68960	123656	2.43%	0.335%
10	11.036	1488	1498	1501	rBV3	44702	102540	2.02%	0.278%
11	11.177	1516	1521	1525	rVV	64096	99101	1.95%	0.269%
12	11.231	1525	1530	1535	rVB2	144890	242733	4.77%	0.658%
13	11.341	1542	1548	1552	rBV	93743	154466	3.04%	0.419%
14	11.433	1559	1563	1571	rVB	86509	164214	3.23%	0.445%
15	11.512	1571	1576	1581	rBV	35595	61180	1.20%	0.166%
16	11.628	1588	1595	1605	rBV	700565	1222058	24.04%	3.314%
17	11.731	1606	1612	1616	rBV	131687	225063	4.43%	0.610%
18	11.835	1621	1629	1632	rBV4	127849	285888	5.62%	0.775%
19	11.872	1632	1635	1639	rVB	83267	110979	2.18%	0.301%
20	11.914	1639	1642	1647	rVB4	83262	143970	2.83%	0.390%
21	11.975	1647	1652	1656	rBV3	25053	53943	1.06%	0.146%
22	12.061	1659	1666	1671	rVB5	37495	90468	1.78%	0.245%
23	12.140	1671	1679	1680	rBV3	150728	263477	5.18%	0.715%
24	12.164	1681	1683	1690	rVB	174770	251660	4.95%	0.683%
25	12.256	1690	1698	1702	rVB3	154955	282502	5.56%	0.766%
26	12.341	1702	1712	1713	rBV3	164535	308736	6.07%	0.837%
27	12.463	1727	1732	1736	rBV3	135402	252446	4.97%	0.685%
28	12.506	1736	1739	1747	rVB5	79104	150514	2.96%	0.408%
29	12.621	1752	1758	1764	rBV	594297	984498	19.36%	2.670%
30	12.713	1765	1773	1778	rBV7	49636	162002	3.19%	0.439%
31	12.786	1780	1785	1791	rVB3	181365	345129	6.79%	0.936%
32	12.871	1791	1799	1802	rBV	517472	909387	17.89%	2.466%
33	12.902	1802	1804	1806	rVV	160063	215831	4.25%	0.585%
34	12.945	1806	1811	1816	rVV	471390	917202	18.04%	2.488%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020419\
 Data File : VW008501.D
 Acq On : 04 Feb 2019 15:01
 Operator : SY/VA
 Sample : K1299-01
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 0035-COMP-1

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % 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\82W012419S.M
 Title : SW846 8260

35	12.993	1817	1819	1824	rVB2	96004	119504	2.35%	0.324%
36	13.103	1829	1837	1844	rBV	219944	546857	10.76%	1.483%
37	13.170	1844	1848	1855	rVB	150577	239534	4.71%	0.650%
38	13.255	1856	1862	1866	rBV	525809	831253	16.35%	2.255%
39	13.347	1874	1877	1880	rBV3	36784	51151	1.01%	0.139%
40	13.451	1887	1894	1900	rBV4	319834	852030	16.76%	2.311%
41	13.560	1907	1912	1916	rBV	574768	1040416	20.46%	2.822%
42	13.719	1930	1938	1941	rBV2	144639	333223	6.55%	0.904%
43	13.761	1941	1945	1947	rVV2	247800	405155	7.97%	1.099%
44	13.792	1947	1950	1958	rVB2	315305	505840	9.95%	1.372%
45	13.883	1959	1965	1969	rBV2	258848	462321	9.09%	1.254%
46	13.938	1969	1974	1979	rVV3	161870	354921	6.98%	0.963%
47	13.987	1979	1982	1983	rVV2	70031	92459	1.82%	0.251%
48	14.018	1983	1987	1989	rVV	164703	289909	5.70%	0.786%
49	14.042	1989	1991	1996	rVV	178280	285387	5.61%	0.774%
50	14.097	1996	2000	2005	rVB	343388	544380	10.71%	1.476%
51	14.213	2012	2019	2023	rBV3	246003	483672	9.51%	1.312%
52	14.261	2024	2027	2034	rVB6	84939	166187	3.27%	0.451%
53	14.341	2034	2040	2044	rBV5	86140	208918	4.11%	0.567%
54	14.389	2044	2048	2052	rBV3	199980	322908	6.35%	0.876%
55	14.463	2057	2060	2064	rVB	210693	271714	5.34%	0.737%
56	14.505	2064	2067	2070	rBV2	86839	107652	2.12%	0.292%
57	14.554	2070	2075	2081	rVV5	169489	319604	6.29%	0.867%
58	14.694	2094	2098	2102	rBV	89322	129777	2.55%	0.352%
59	14.737	2102	2105	2109	rVB4	79771	111534	2.19%	0.303%
60	14.798	2110	2115	2121	rBV3	319719	740531	14.57%	2.008%
61	14.853	2121	2124	2125	rBV	81757	102538	2.02%	0.278%
62	14.962	2137	2142	2148	rVB	349191	600227	11.81%	1.628%
63	15.066	2153	2159	2165	rBV4	189702	379708	7.47%	1.030%
64	15.182	2173	2178	2186	rBV6	110431	238817	4.70%	0.648%
65	15.371	2198	2209	2219	rBV	2685788	5084057	100.00%	13.789%
66	15.670	2250	2258	2265	rBV9	75576	299964	5.90%	0.814%
67	15.743	2266	2270	2276	rVB5	112688	242867	4.78%	0.659%
68	15.975	2303	2308	2312	rBV5	50915	120342	2.37%	0.326%
69	16.176	2334	2341	2345	rBV10	47644	126432	2.49%	0.343%
70	16.298	2357	2361	2368	rVB	127548	231328	4.55%	0.627%
71	16.450	2379	2386	2399	rVB	1556735	3310906	65.12%	8.980%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020419\
Data File : VW008501.D
Acq On : 04 Feb 2019 15:01
Operator : SY/VA
Sample : K1299-01
Misc : 5.09G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
0035-COMP-1

Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Title : SW846 8260

72	16.651	2411	2419	2431	rVB	1494304	3425451	67.38%	9.291%
----	--------	------	------	------	-----	---------	---------	--------	--------

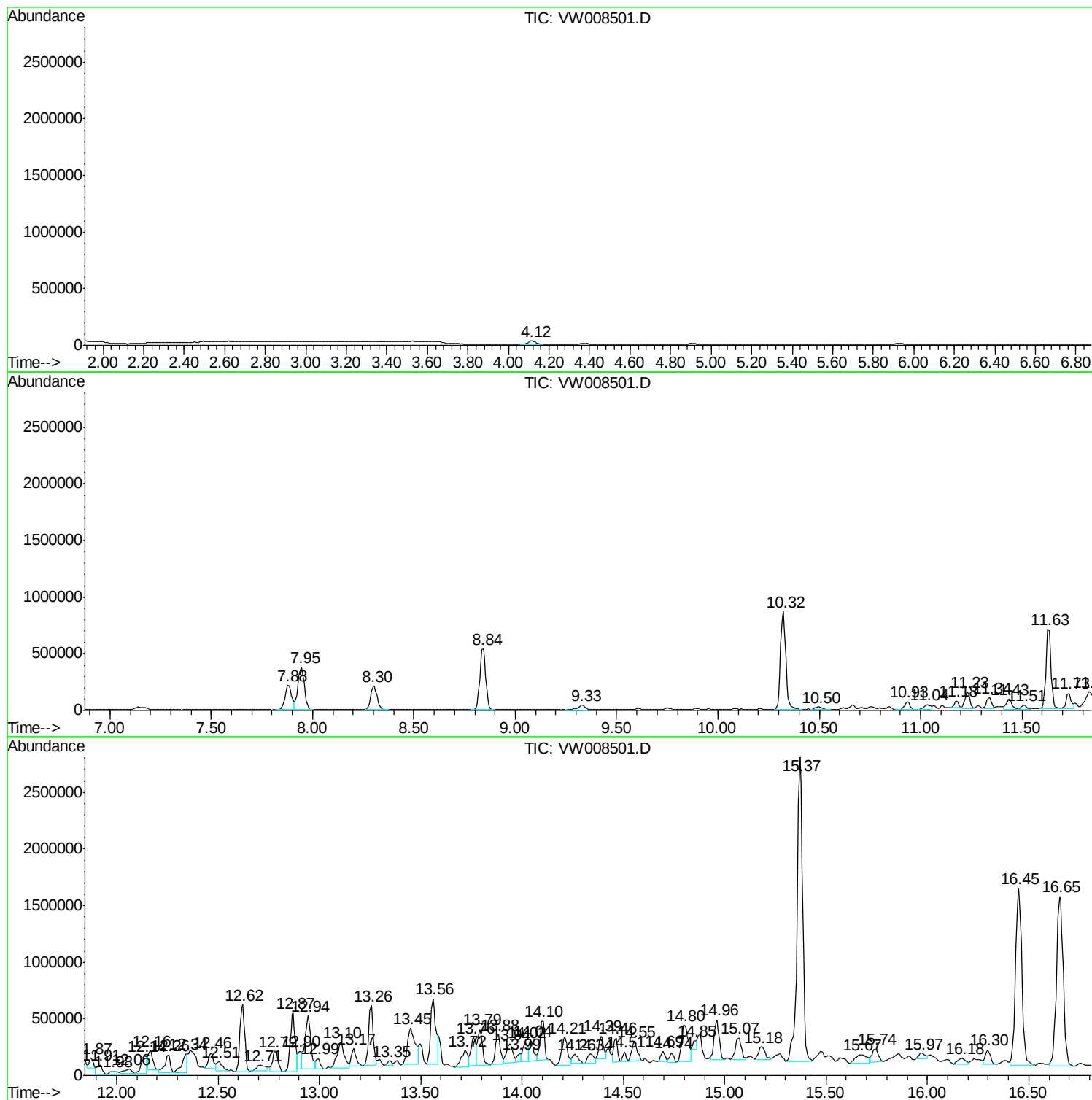
Sum of corrected areas: 36870138

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020419\
Data File : VW008501.D
Acq On : 04 Feb 2019 15:01
Operator : SY/VA
Sample : K1299-01
Misc : 5.09G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
0035-COMP-1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020419\
Data File : VW008501.D
Acq On : 04 Feb 2019 15:01
Operator : SY/VA
Sample : K1299-01
Misc : 5.09G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
0035-COMP-1

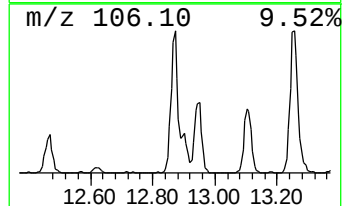
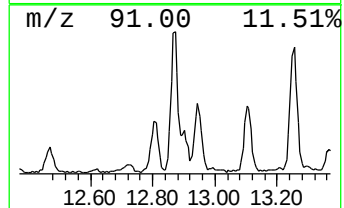
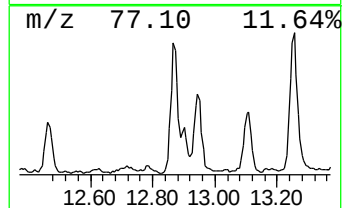
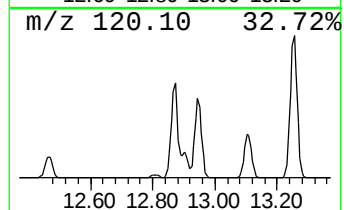
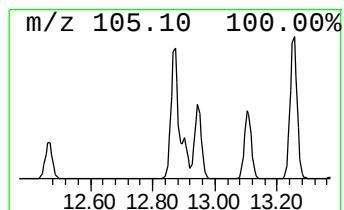
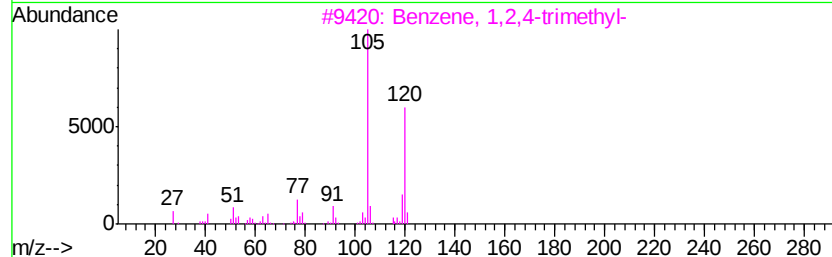
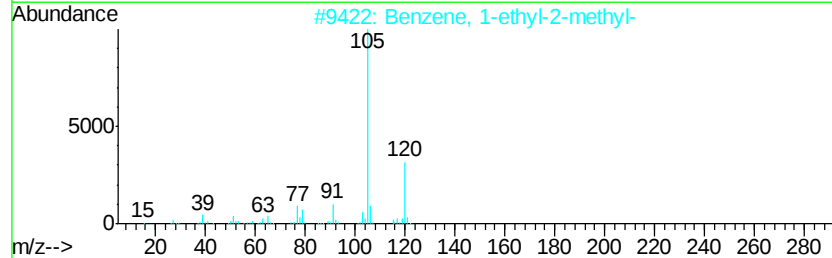
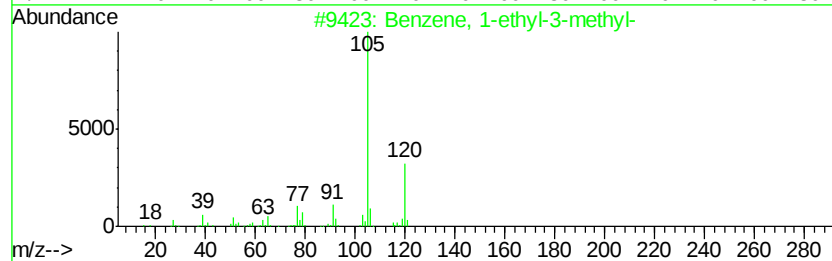
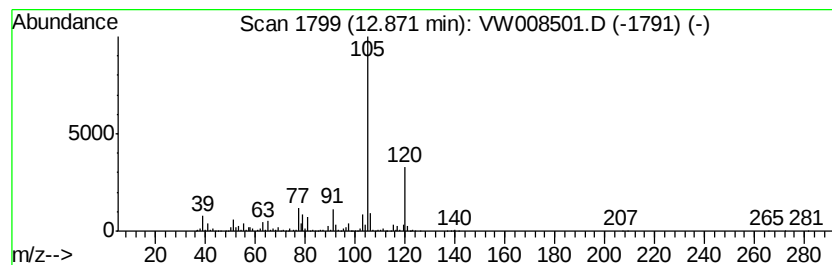
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	43.70 ug/l	909387	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5		Mesitylene	120	C9H12	000108-67-8	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020419\
Data File : VW008501.D
Acq On : 04 Feb 2019 15:01
Operator : SY/VA
Sample : K1299-01
Misc : 5.09G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
0035-COMP-1

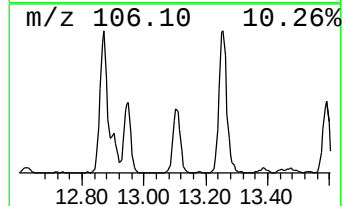
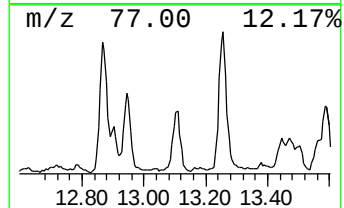
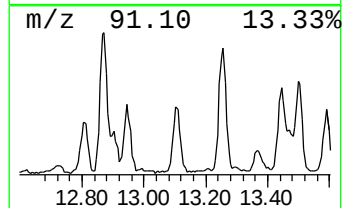
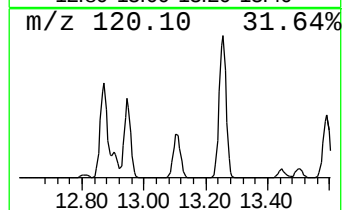
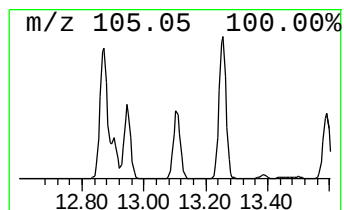
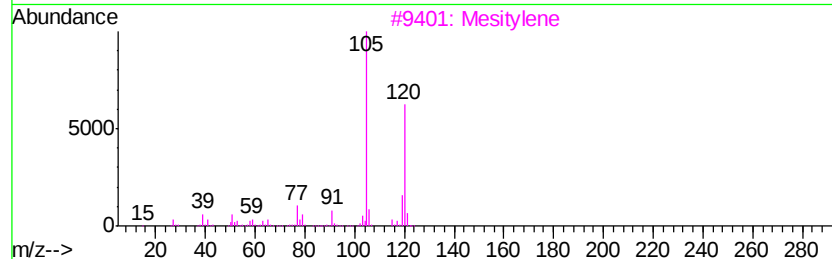
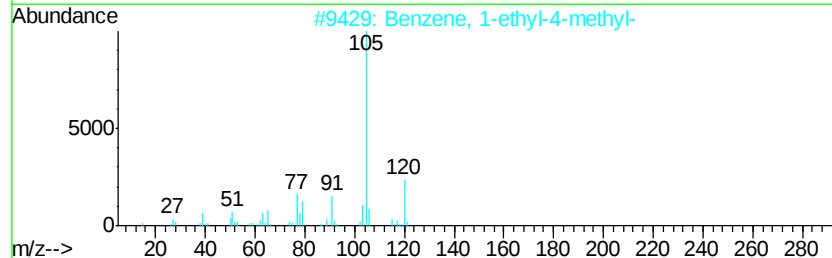
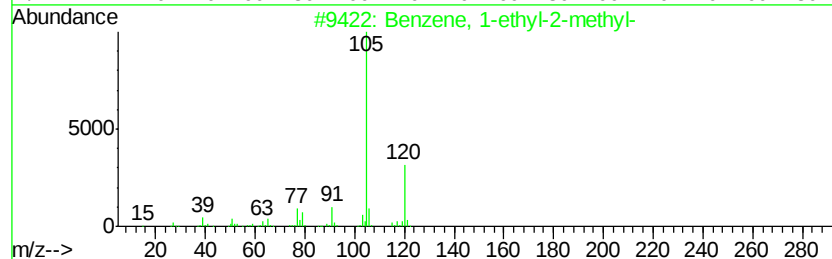
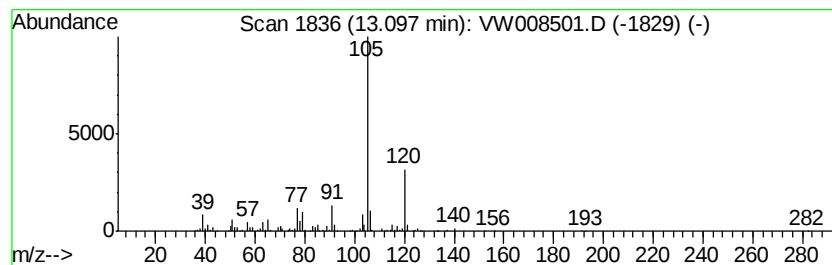
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	26.28 ug/l	546857	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020419\
Data File : VW008501.D
Acq On : 04 Feb 2019 15:01
Operator : SY/VA
Sample : K1299-01
Misc : 5.09G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
0035-COMP-1

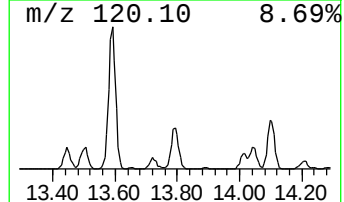
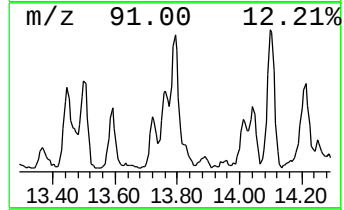
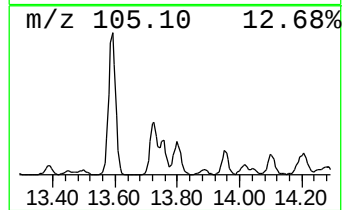
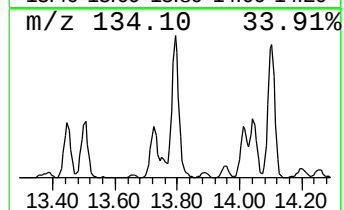
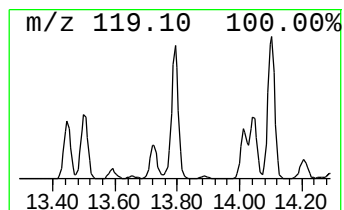
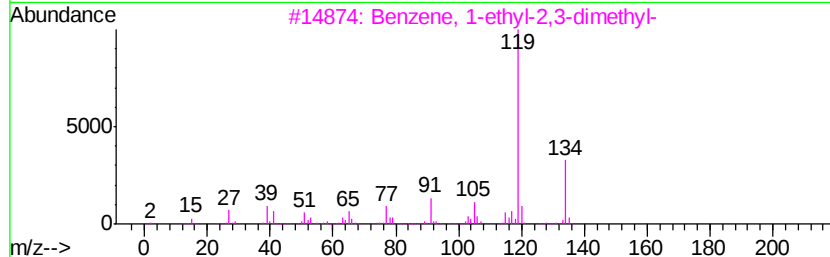
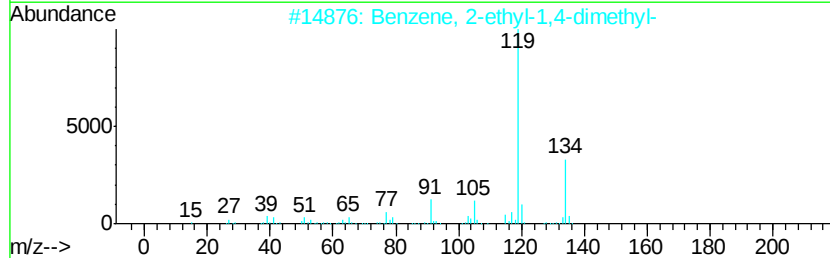
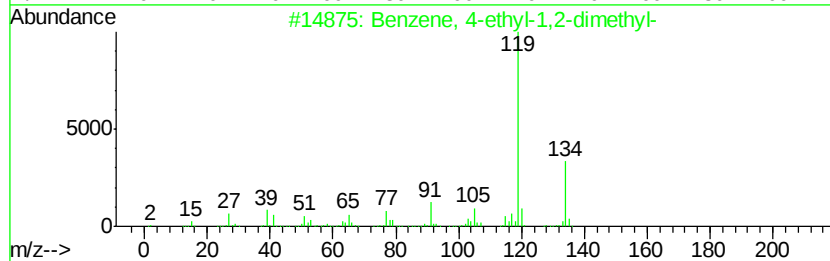
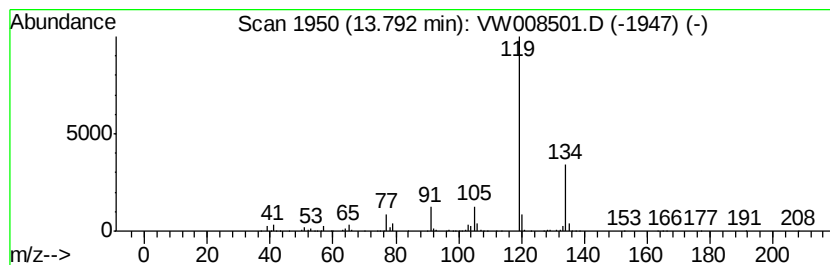
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	24.31 ug/l	505840	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020419\
Data File : VW008501.D
Acq On : 04 Feb 2019 15:01
Operator : SY/VA
Sample : K1299-01
Misc : 5.09G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

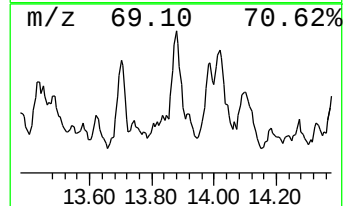
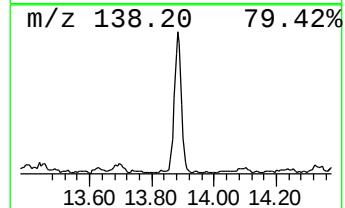
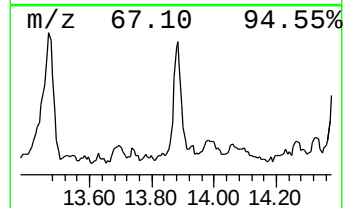
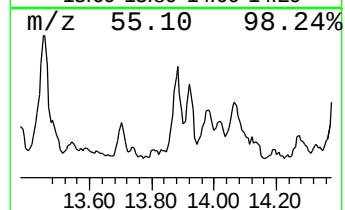
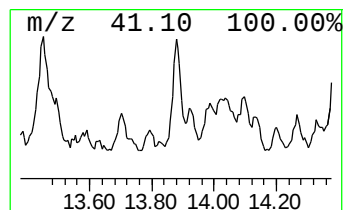
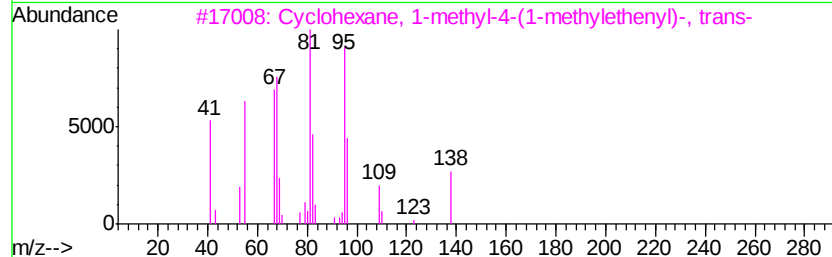
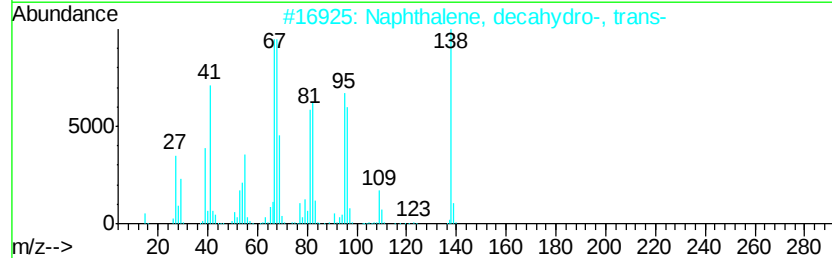
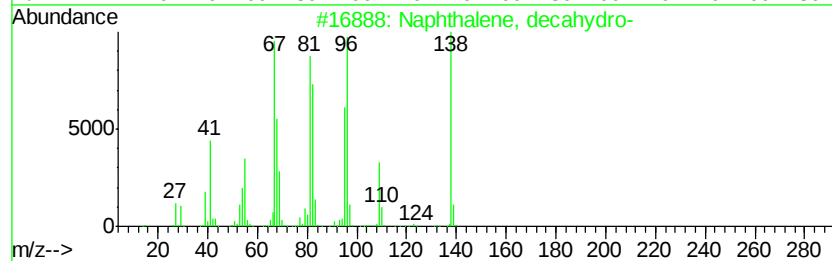
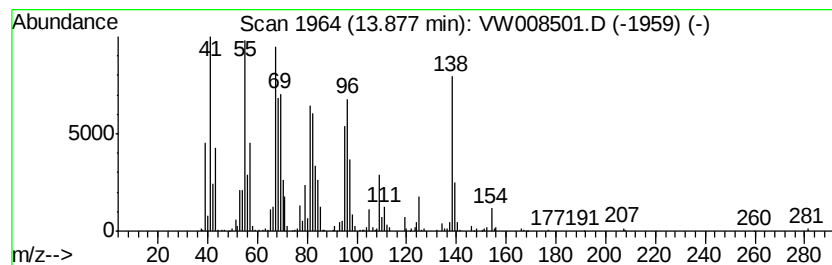
Instrument :
MSVOA_W
ClientSampleId :
0035-COMP-1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, decahydro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	22.22 ug/l	462321	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-	138 C10H18	000091-17-8 96
2		Naphthalene, decahydro-, trans-	138 C10H18	000493-02-7 95
3		Cyclohexane, 1-methyl-4-(1-methyl...	138 C10H18	001124-25-0 91
4		Spiro[4.5]decane	138 C10H18	000176-63-6 76
5		Naphthalene, decahydro-, cis-	138 C10H18	000493-01-6 68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020419\
Data File : VW008501.D
Acq On : 04 Feb 2019 15:01
Operator : SY/VA
Sample : K1299-01
Misc : 5.09G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
0035-COMP-1

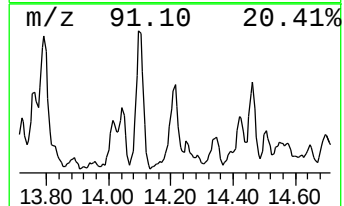
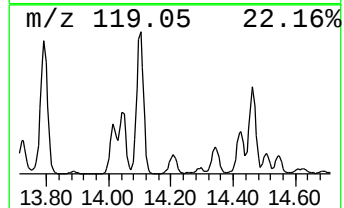
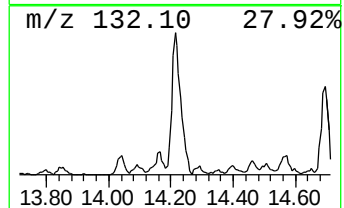
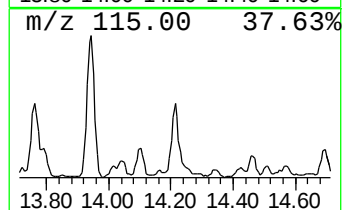
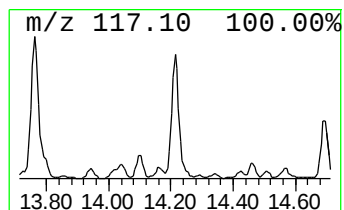
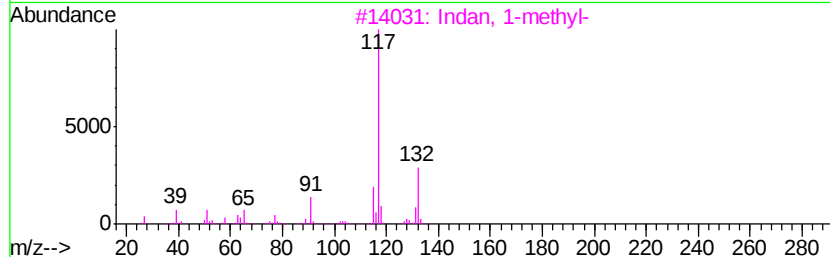
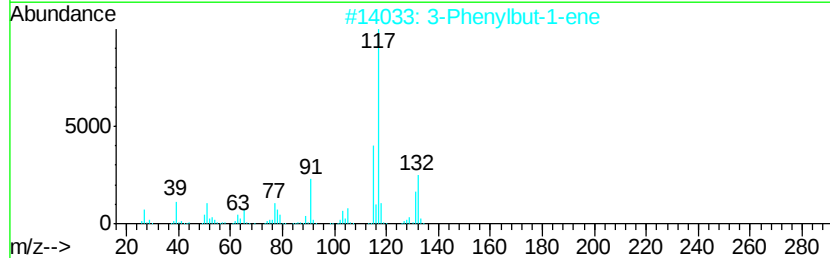
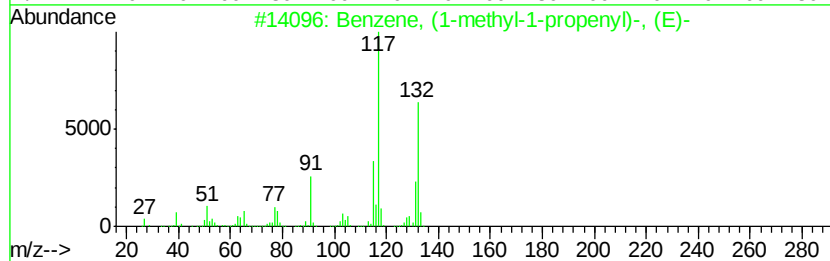
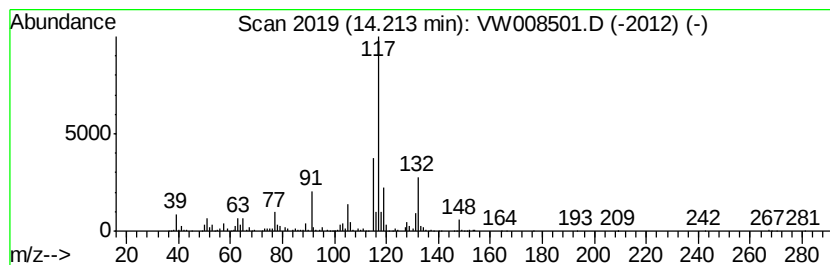
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

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

Peak Number 6 Benzene, (1-methyl-1-propen... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	23.24 ug/l	483672	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000768-00-3	90
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
3		Indan, 1-methyl-	132	C10H12	000767-58-8	76
4		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	74
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020419\
Data File : VW008501.D
Acq On : 04 Feb 2019 15:01
Operator : SY/VA
Sample : K1299-01
Misc : 5.09G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
0035-COMP-1

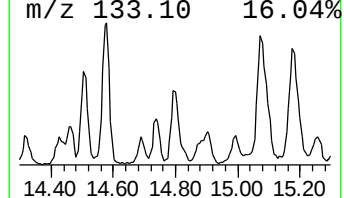
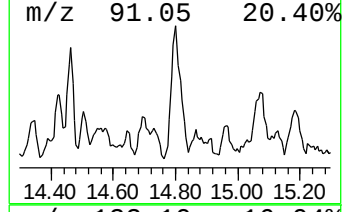
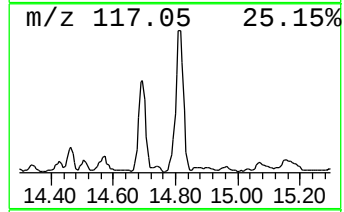
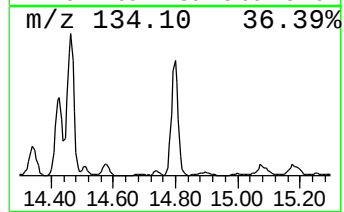
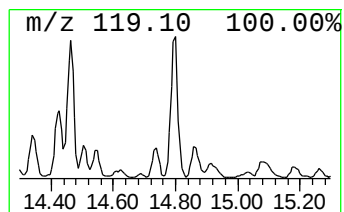
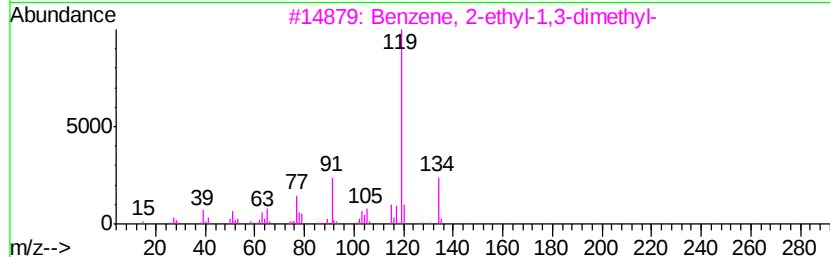
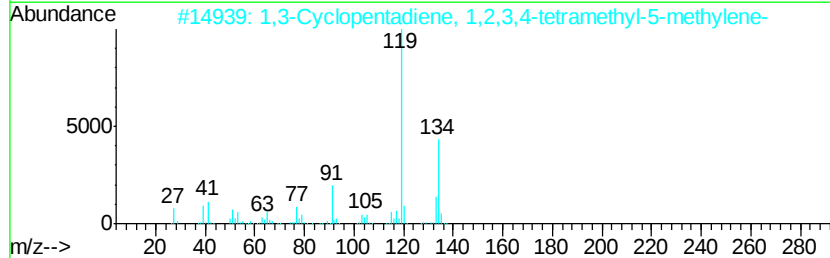
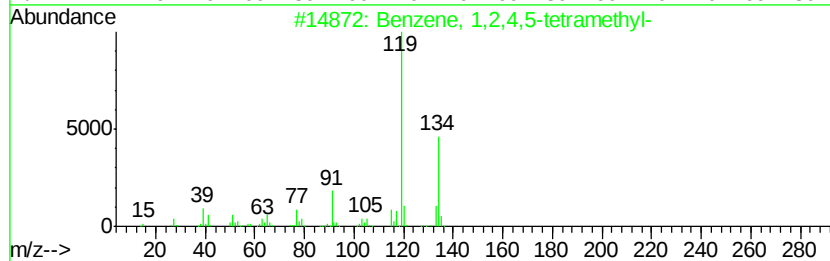
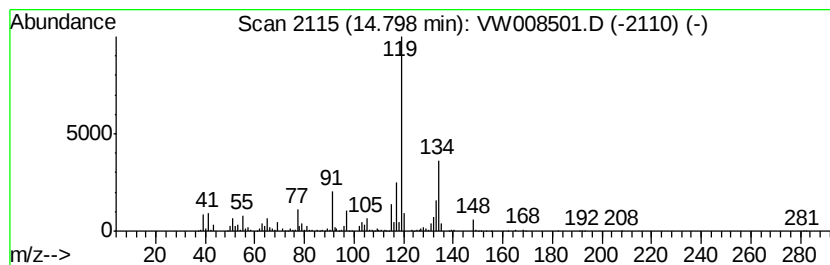
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	35.59 ug/l	740531	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
2		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	76
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
4		o-Cymene	134	C10H14	000527-84-4	70
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020419\
Data File : VW008501.D
Acq On : 04 Feb 2019 15:01
Operator : SY/VA
Sample : K1299-01
Misc : 5.09G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
0035-COMP-1

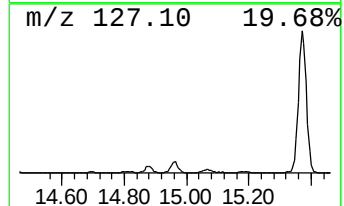
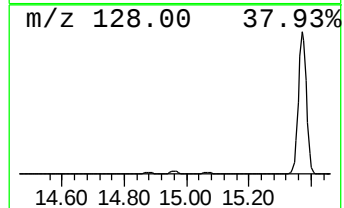
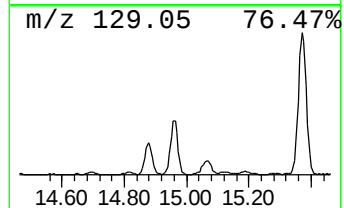
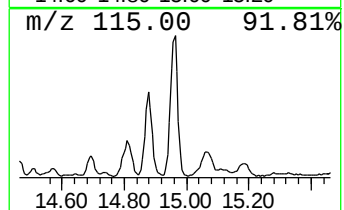
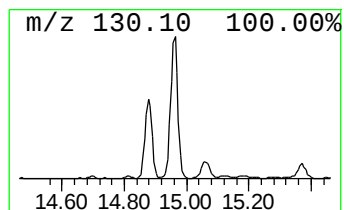
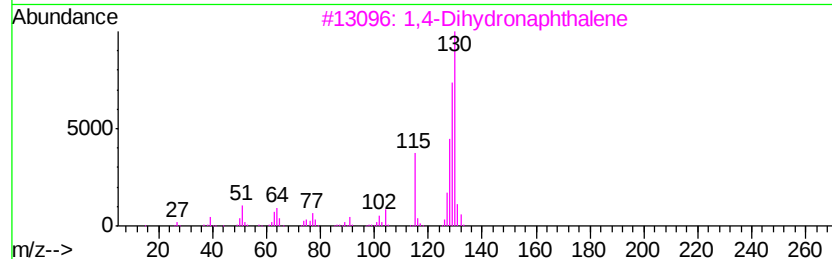
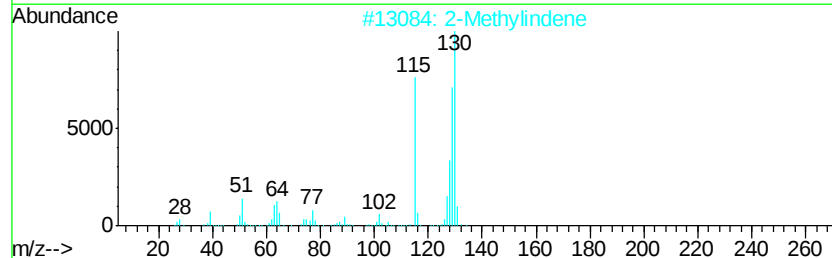
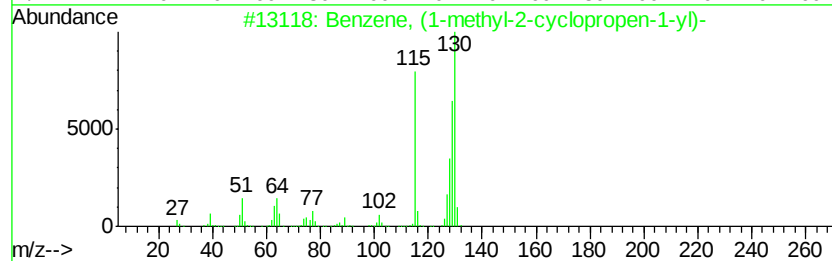
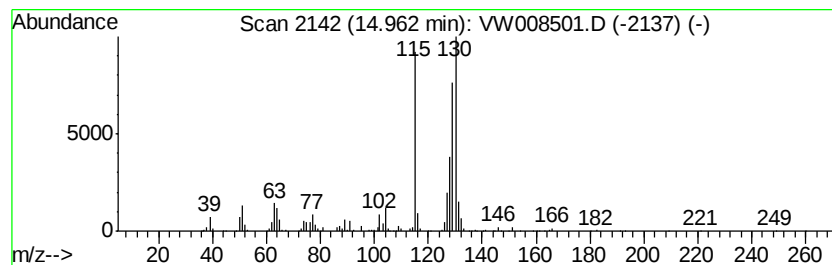
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, (1-methyl-2-cyclop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	28.85 ug/l	600227	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
2		2-Methylindene	130	C10H10	002177-47-1	95
3		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
4		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
5		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW020419\
Data File : VW008501.D
Acq On : 04 Feb 2019 15:01
Operator : SY/VA
Sample : K1299-01
Misc : 5.09G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
0035-COMP-1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

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-ethyl-...	12.87	43.7	ug/l	909387	4	13.56	1040420	50.0
Benzene, 1-ethyl-...	13.10	26.3	ug/l	546857	4	13.56	1040420	50.0
Benzene, 4-ethyl-...	13.79	24.3	ug/l	505840	4	13.56	1040420	50.0
Naphthalene, deca...	13.88	22.2	ug/l	462321	4	13.56	1040420	50.0
Benzene, (1-methy...	14.21	23.2	ug/l	483672	4	13.56	1040420	50.0
Benzene, 1,2,4,5-...	14.80	35.6	ug/l	740531	4	13.56	1040420	50.0
Benzene, (1-methy...	14.96	28.9	ug/l	600227	4	13.56	1040420	50.0