

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052219\
 Data File : VW010514.D
 Acq On : 22 May 2019 16:58
 Operator : SY/VA
 Sample : K3002-07
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 21-C5-20190409

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\82W052019S.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	2.635	113	120	127	rBV3	8104	18820	3.72%	0.421%
2	4.129	359	365	376	rBV2	1811	5187	1.02%	0.116%
3	4.385	398	407	417	rBV6	2865	8524	1.68%	0.191%
4	4.909	484	493	504	rBV3	4996	15924	3.14%	0.356%
5	5.940	651	662	675	rBV5	3606	10866	2.15%	0.243%
6	7.885	971	981	985	rBV	52637	119327	23.56%	2.668%
7	7.945	985	991	1001	rVB	167488	374290	73.91%	8.368%
8	8.305	1040	1050	1058	rBV	50853	109387	21.60%	2.446%
9	8.842	1130	1138	1150	rBV	244397	484680	95.71%	10.837%
10	10.323	1372	1381	1389	rBV	202553	355896	70.28%	7.957%
11	10.506	1405	1411	1416	rBB4	3800	7023	1.39%	0.157%
12	10.707	1440	1444	1449	rVB2	3215	5241	1.03%	0.117%
13	11.177	1513	1521	1525	rBV5	3699	6703	1.32%	0.150%
14	11.231	1525	1530	1535	rVB2	7381	12189	2.41%	0.273%
15	11.427	1552	1562	1571	rVB5	5728	18727	3.70%	0.419%
16	11.512	1571	1576	1581	rBV2	4466	7148	1.41%	0.160%
17	11.634	1587	1596	1605	rBV	288783	506398	100.00%	11.322%
18	11.841	1622	1630	1634	rBV2	34265	66162	13.07%	1.479%
19	11.914	1640	1642	1647	rVB3	5611	8095	1.60%	0.181%
20	12.061	1658	1666	1671	rBV7	2589	6703	1.32%	0.150%
21	12.140	1671	1679	1681	rBV3	15018	30583	6.04%	0.684%
22	12.256	1691	1698	1702	rVB2	11577	19985	3.95%	0.447%
23	12.298	1702	1705	1707	rBV3	3922	5242	1.04%	0.117%
24	12.347	1707	1713	1714	rBV3	9884	16914	3.34%	0.378%
25	12.542	1736	1745	1748	rBV5	10284	23365	4.61%	0.522%
26	12.621	1752	1758	1767	rBV	131855	222070	43.85%	4.965%
27	12.701	1767	1771	1776	rVB5	3782	5816	1.15%	0.130%
28	12.780	1776	1784	1792	rVB4	29762	61189	12.08%	1.368%
29	12.865	1792	1798	1802	rBV2	25620	49905	9.85%	1.116%
30	12.938	1802	1810	1816	rBV2	113389	224374	44.31%	5.017%
31	13.085	1829	1834	1836	rBV3	11790	19781	3.91%	0.442%
32	13.170	1843	1848	1855	rVB2	37129	58621	11.58%	1.311%
33	13.256	1856	1862	1866	rVV	85859	131750	26.02%	2.946%
34	13.292	1866	1868	1873	rVB4	5754	7040	1.39%	0.157%

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35	13.341	1873	1876	1880	rBV5	5535	7750	1.53%	0.173%
36	13.384	1880	1883	1886	rVB4	6238	7404	1.46%	0.166%
37	13.445	1887	1893	1897	rBV5	32360	61786	12.20%	1.381%
38	13.487	1897	1900	1904	rVV5	18176	28871	5.70%	0.646%
39	13.560	1906	1912	1921	rVV2	234629	475335	93.87%	10.628%
40	13.627	1921	1923	1929	rVB4	12079	14055	2.78%	0.314%
41	13.701	1931	1935	1940	rBV6	10126	18149	3.58%	0.406%
42	13.749	1940	1943	1946	rBV	15867	22716	4.49%	0.508%
43	13.792	1946	1950	1958	rVB2	36834	62796	12.40%	1.404%
44	13.877	1958	1964	1969	rBV2	108174	166969	32.97%	3.733%
45	13.951	1974	1976	1979	rVV	9432	13116	2.59%	0.293%
46	14.011	1983	1986	1989	rVV2	18958	33673	6.65%	0.753%
47	14.042	1989	1991	1995	rVV2	19769	28363	5.60%	0.634%
48	14.097	1996	2000	2005	rVB	27813	43770	8.64%	0.979%
49	14.207	2013	2018	2023	rVV2	27157	43900	8.67%	0.982%
50	14.261	2023	2027	2030	rVV2	6047	11952	2.36%	0.267%
51	14.341	2034	2040	2044	rBV2	16402	29632	5.85%	0.663%
52	14.389	2044	2048	2051	rVV3	14962	28702	5.67%	0.642%
53	14.420	2051	2053	2057	rVV	21883	37221	7.35%	0.832%
54	14.463	2057	2060	2064	rVV	36617	49564	9.79%	1.108%
55	14.505	2064	2067	2070	rVV3	8755	10968	2.17%	0.245%
56	14.548	2070	2074	2081	rVB5	12351	23301	4.60%	0.521%
57	14.646	2085	2090	2094	rVB3	5300	9495	1.88%	0.212%
58	14.700	2094	2099	2100	rBV3	4225	6994	1.38%	0.156%
59	14.731	2100	2104	2109	rVB2	11765	19221	3.80%	0.430%
60	14.798	2109	2115	2122	rBV2	43325	85717	16.93%	1.916%
61	14.859	2123	2125	2131	rVB4	3762	5214	1.03%	0.117%
62	14.963	2136	2142	2152	rVB	27326	46634	9.21%	1.043%
63	15.072	2155	2160	2163	rBV6	3307	6436	1.27%	0.144%
64	15.182	2172	2178	2185	rVB3	5632	13889	2.74%	0.311%
65	15.371	2205	2209	2213	rBV	6097	10261	2.03%	0.229%
66	15.444	2213	2221	2228	rVV3	6321	12849	2.54%	0.287%
67	16.657	2411	2420	2427	rBV3	5085	11979	2.37%	0.268%

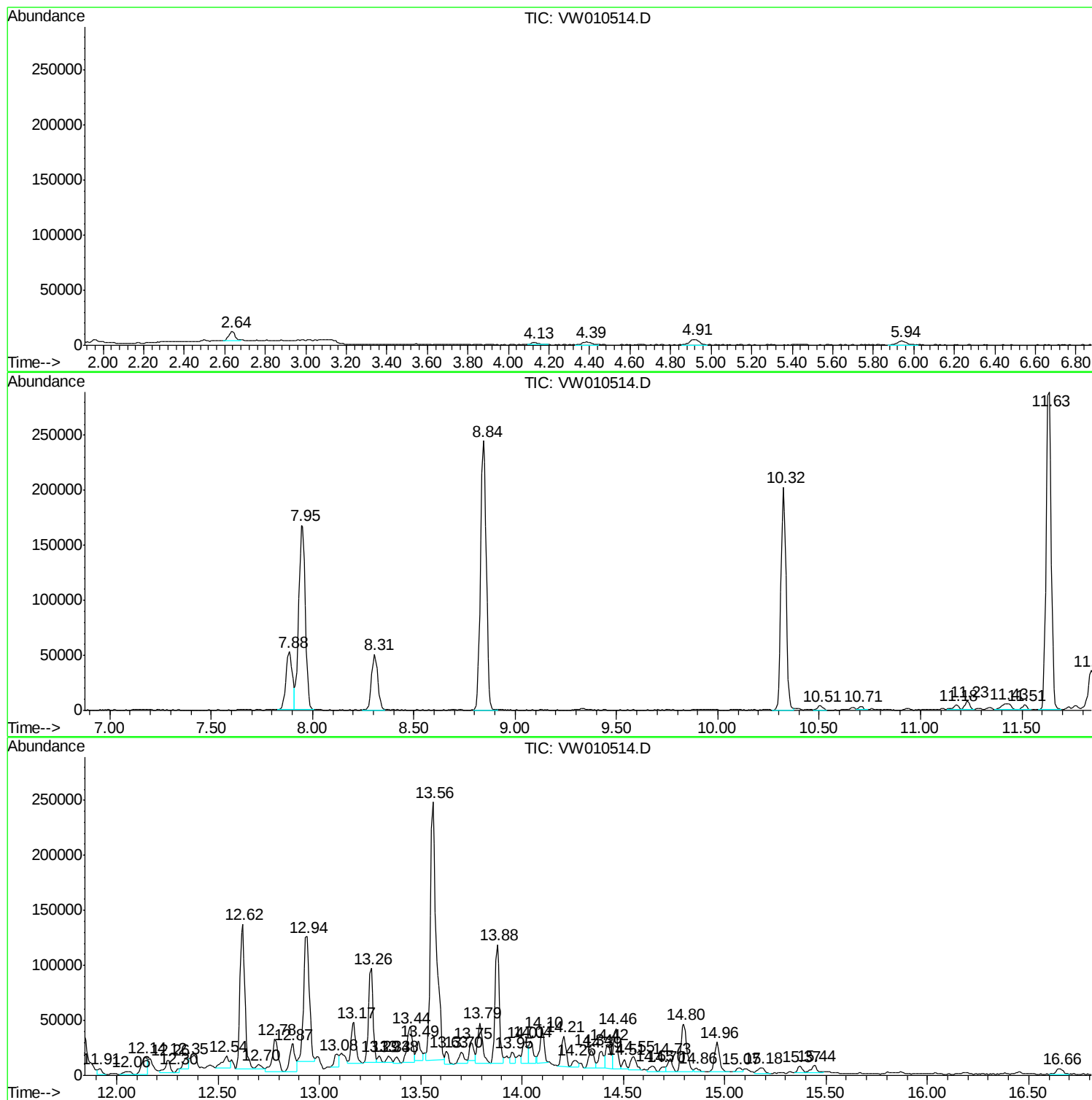
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260

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



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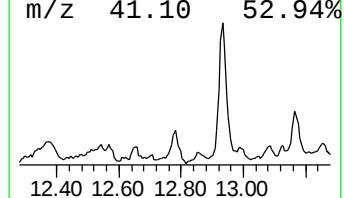
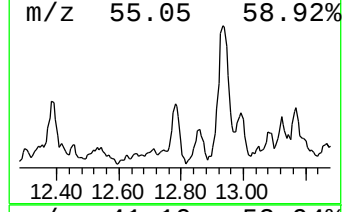
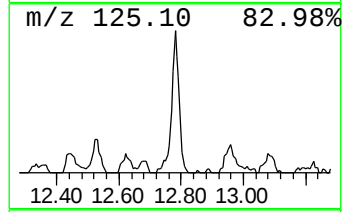
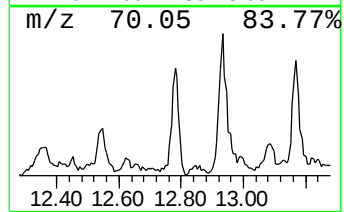
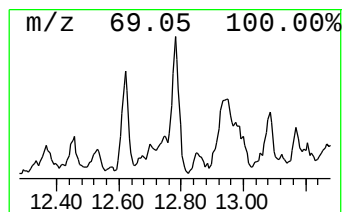
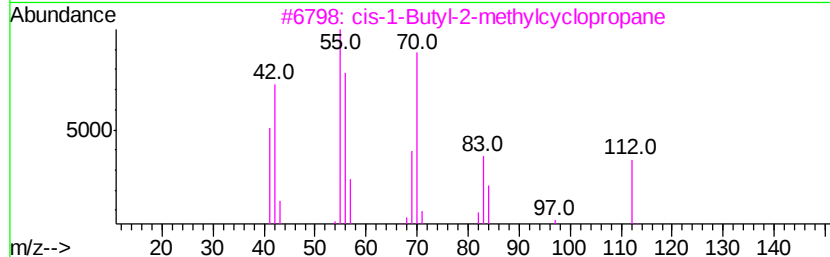
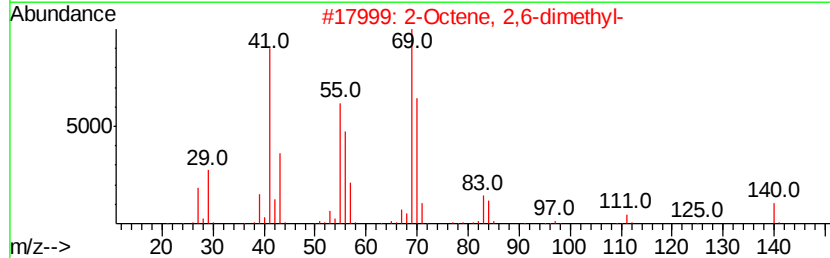
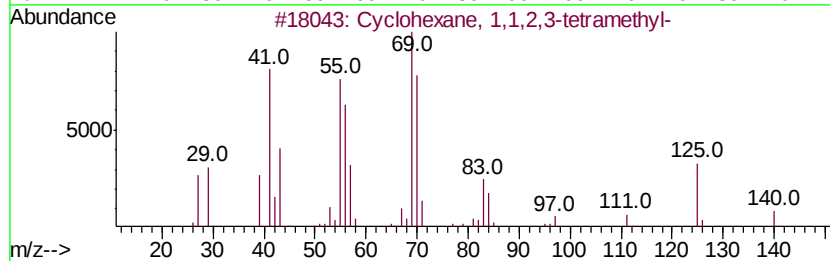
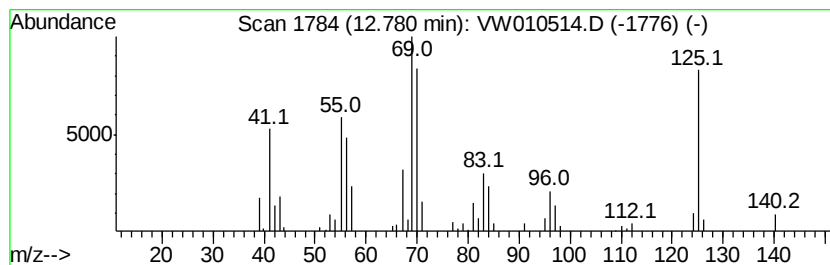
Instrument :
MSVOA_W
ClientSampleId :
21-C5-20190409

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.78	6.44 ug/l	61189	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	62
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	49
3	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	41
4	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	41
5	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	35



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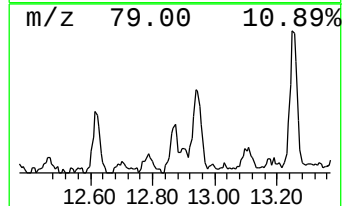
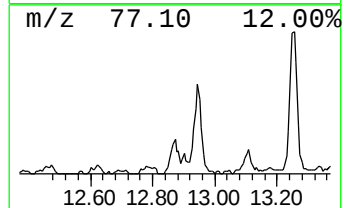
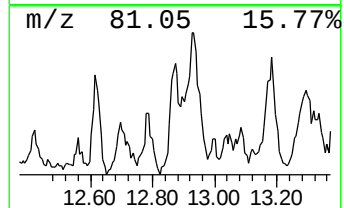
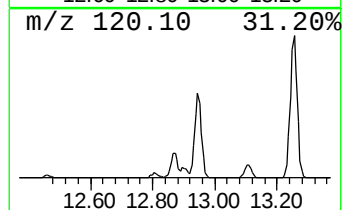
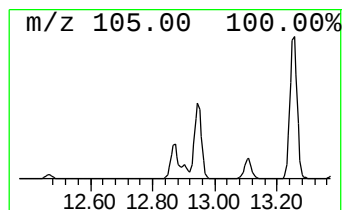
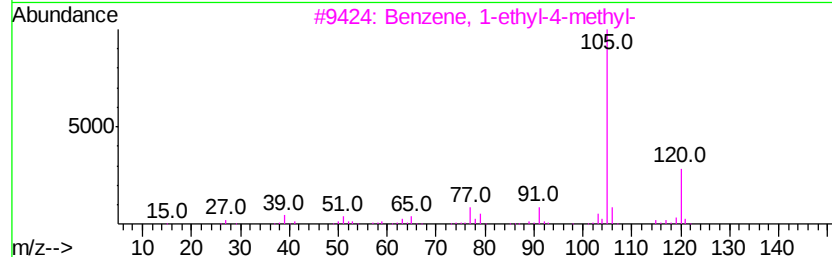
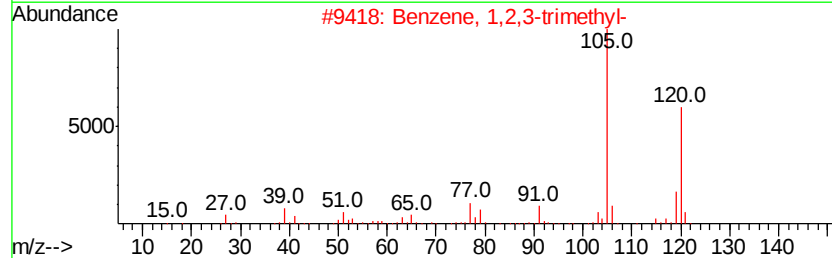
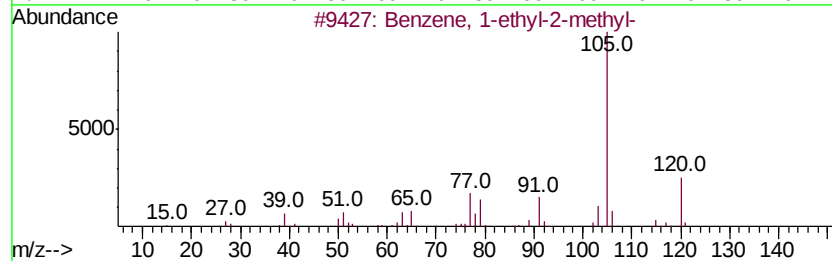
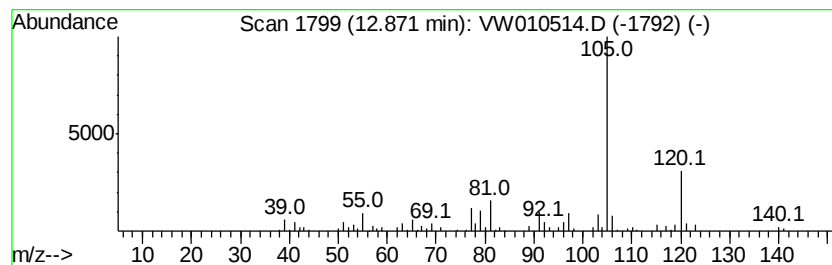
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	5.25 ug/l	49905	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	91
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	64
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	64
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64
5		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	64



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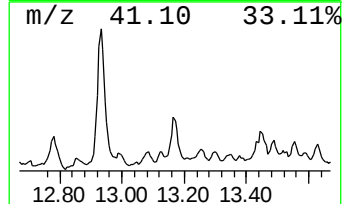
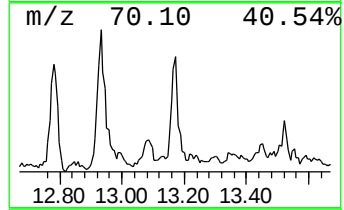
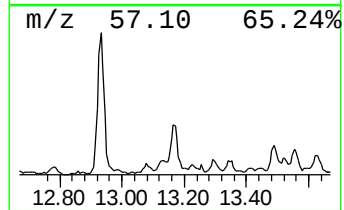
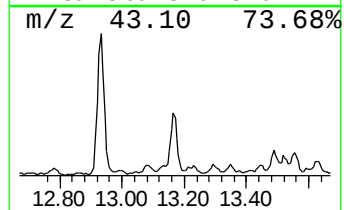
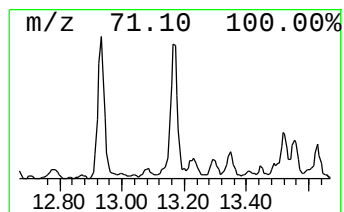
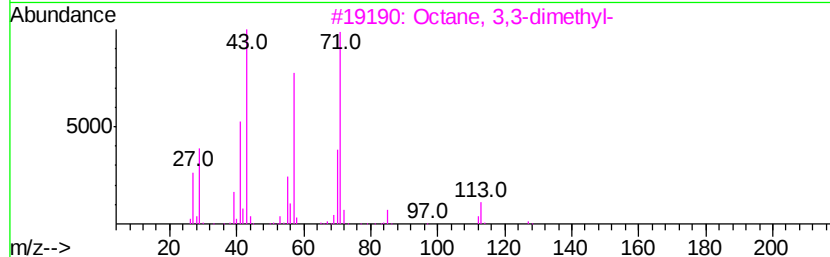
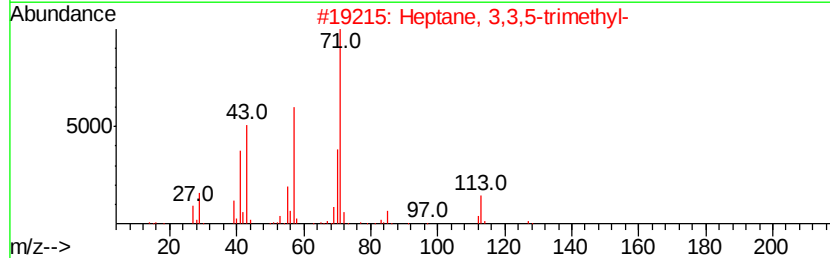
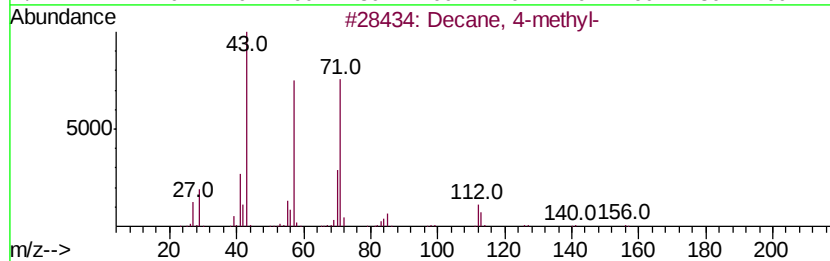
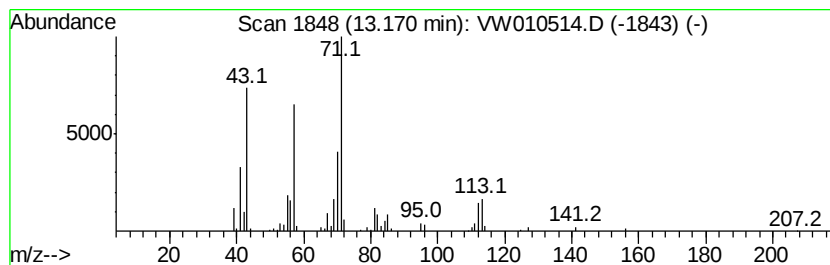
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Decane, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	6.17 ug/l	58621	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 4-methyl-	156	C11H24	002847-72-5	87
2		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	80
3		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
4		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64
5		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	53



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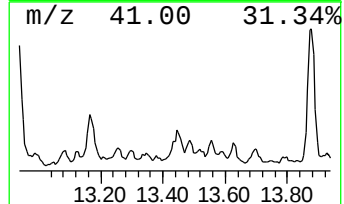
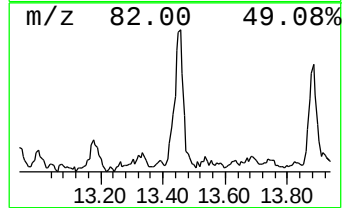
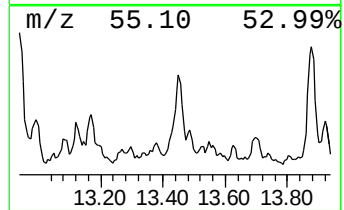
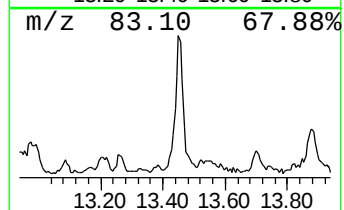
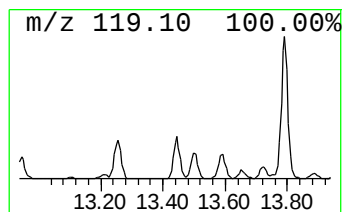
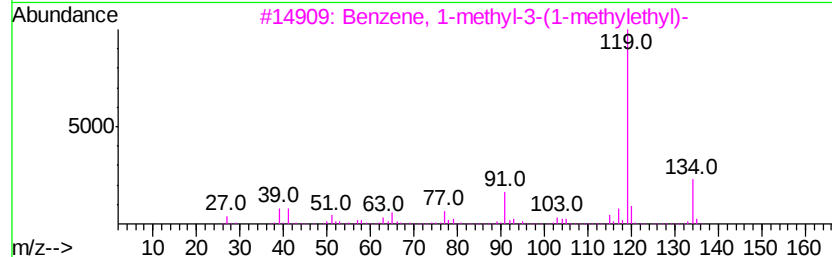
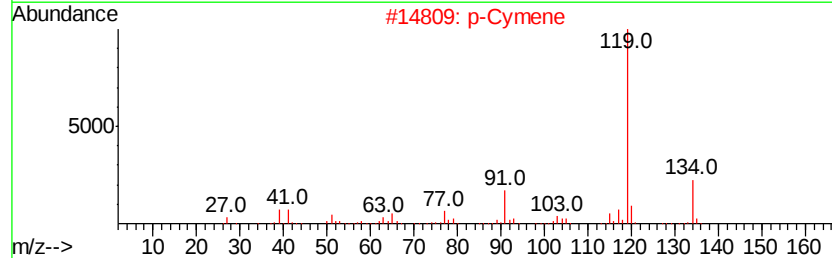
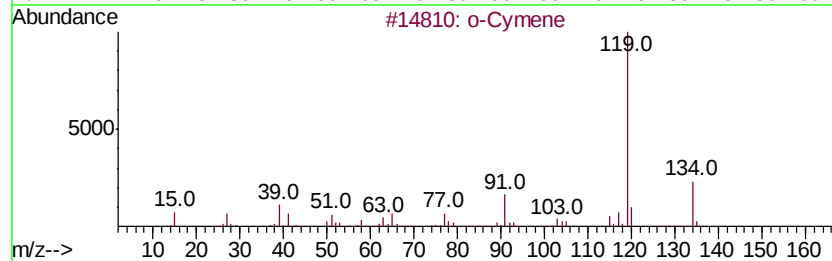
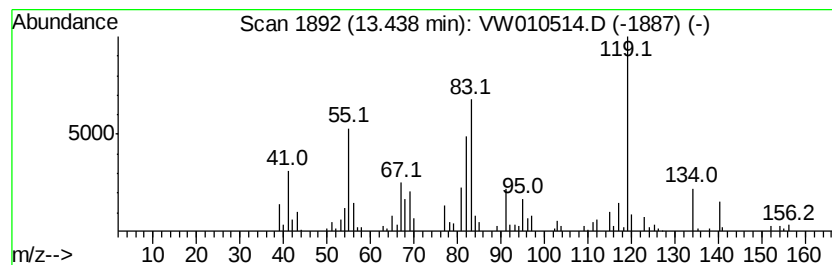
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Peak Number 4 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	6.50 ug/l	61786	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	86
2		p-Cymene	134	C10H14	000099-87-6	86
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	83
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	50
5		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052219\
Data File : VW010514.D
Acq On : 22 May 2019 16:58
Operator : SY/VA
Sample : K3002-07
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
21-C5-20190409

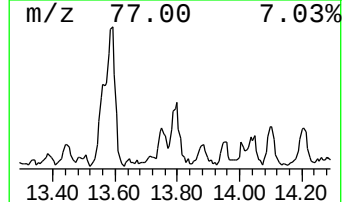
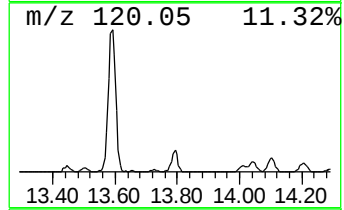
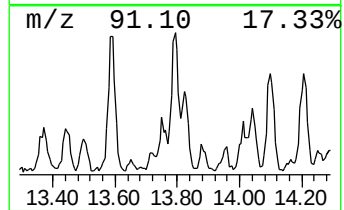
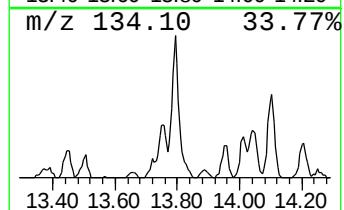
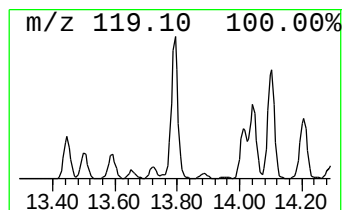
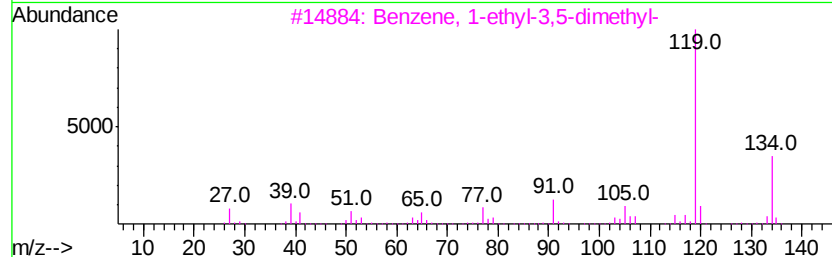
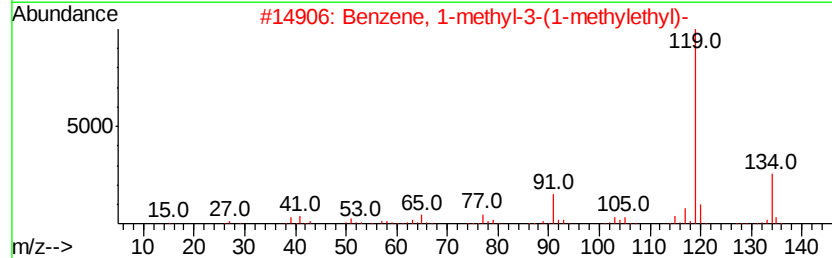
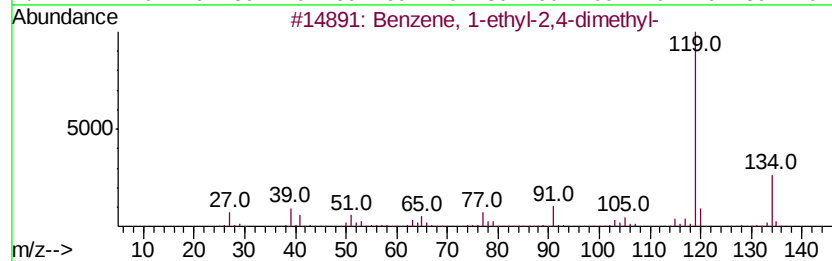
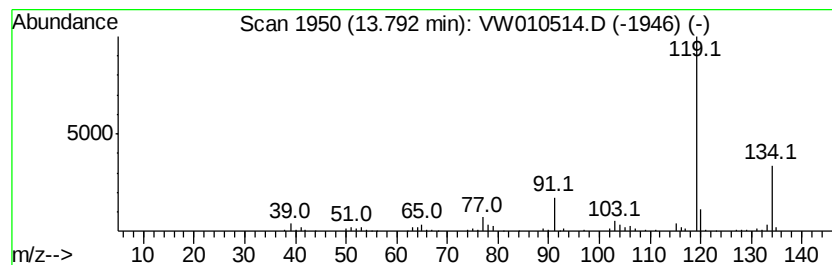
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	6.61 ug/l	62796	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
2		Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	91
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052219\
 Data File : VW010514.D
 Acq On : 22 May 2019 16:58
 Operator : SY/VA
 Sample : K3002-07
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

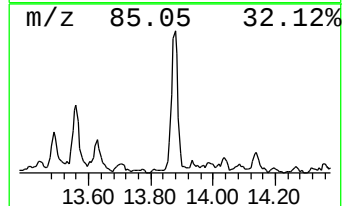
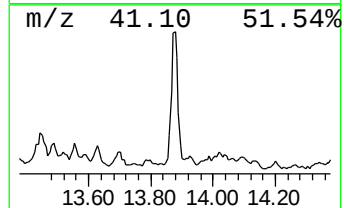
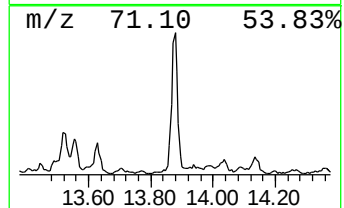
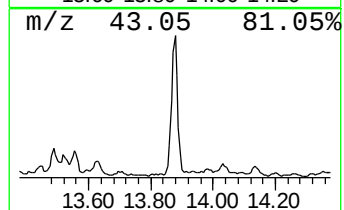
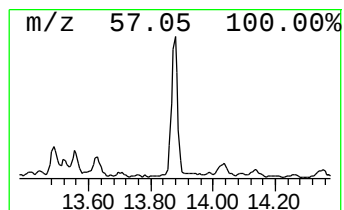
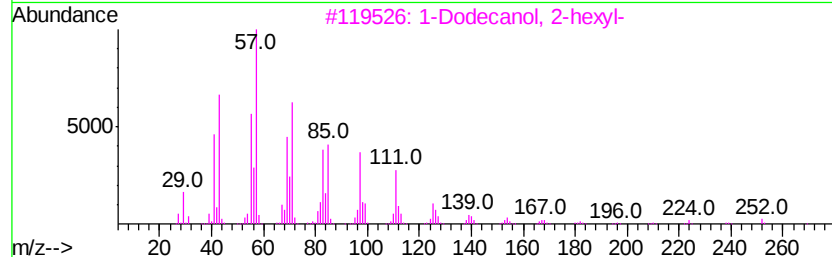
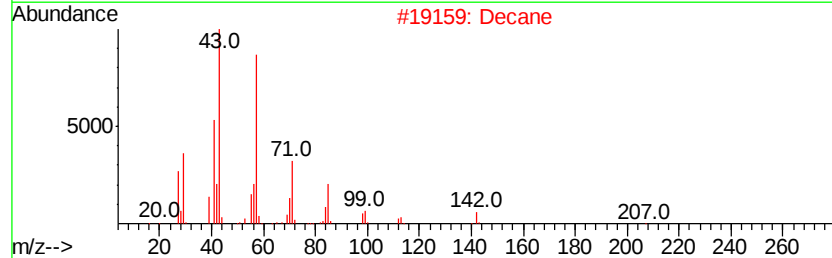
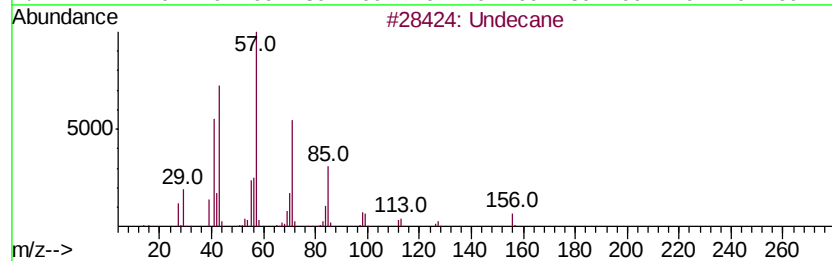
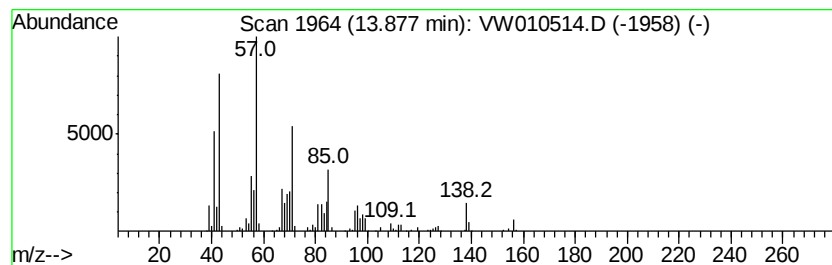
Instrument :
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 ClientSampleId :
 21-C5-20190409

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260

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

 Peak Number 6 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	17.56 ug/l	166969	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane	156 C11H24	001120-21-4	91
2	Decane	142 C10H22	000124-18-5	52
3	1-Dodecanol, 2-hexyl-	270 C18H38O	110225-00-8	52
4	Hydroxylamine, O-decyl-	173 C10H23NO	029812-79-1	49
5	Undecane, 3,8-dimethyl-	184 C13H28	017301-30-3	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052219\
Data File : VW010514.D
Acq On : 22 May 2019 16:58
Operator : SY/VA
Sample : K3002-07
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
21-C5-20190409

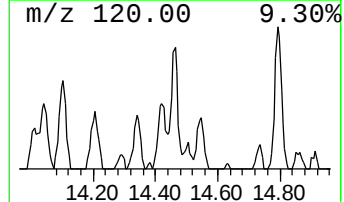
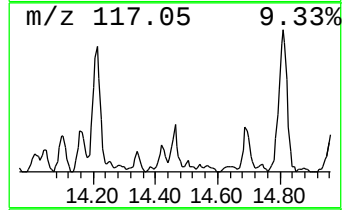
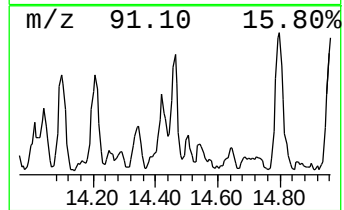
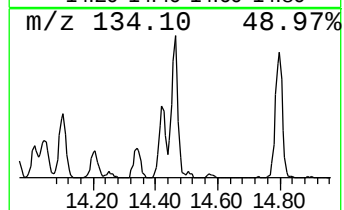
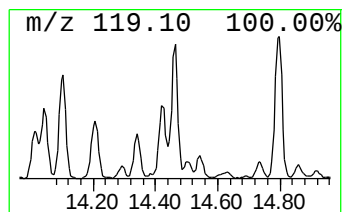
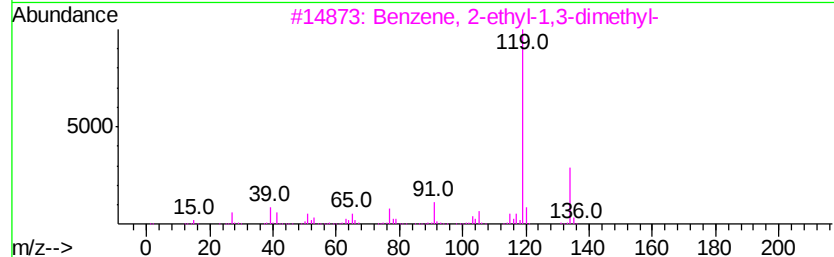
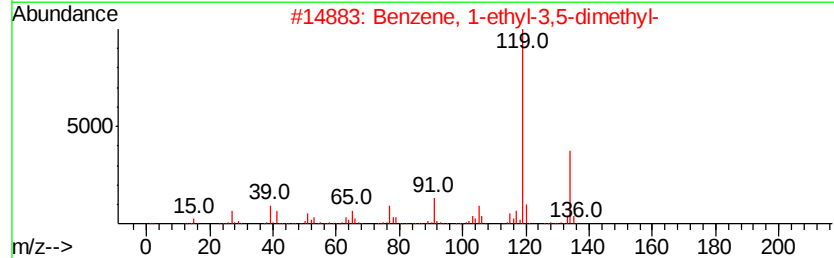
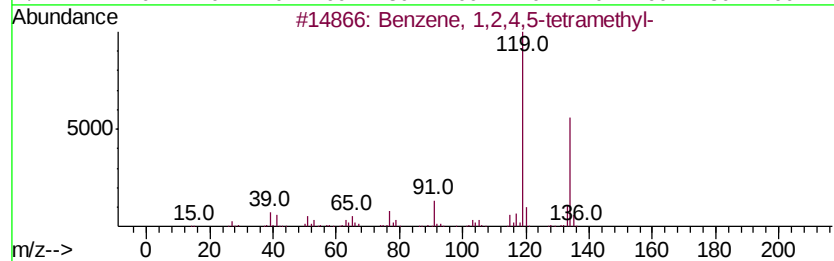
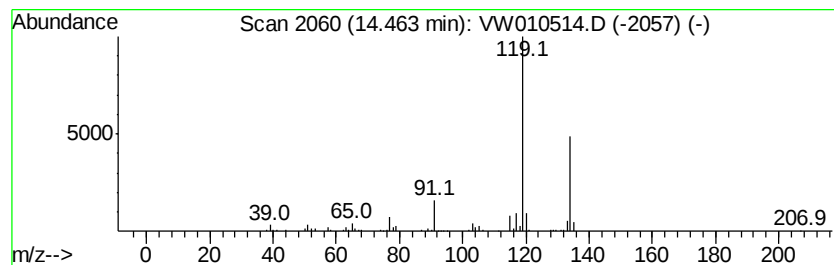
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	5.21 ug/l	49564	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052219\
Data File : VW010514.D
Acq On : 22 May 2019 16:58
Operator : SY/VA
Sample : K3002-07
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
21-C5-20190409

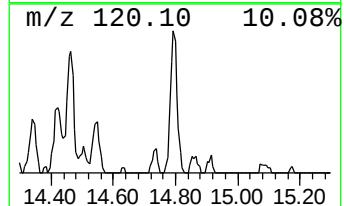
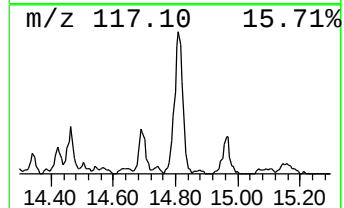
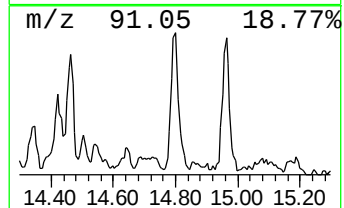
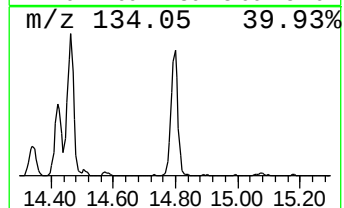
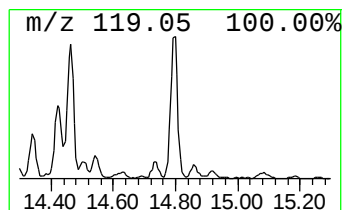
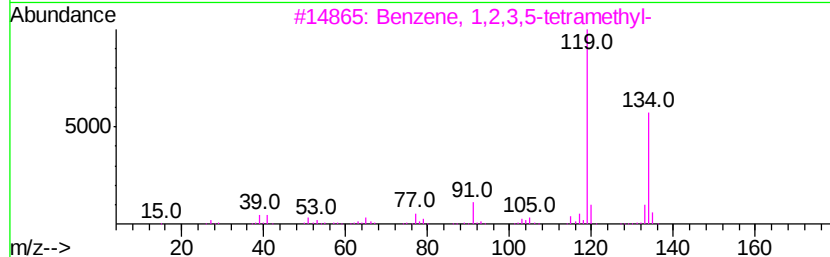
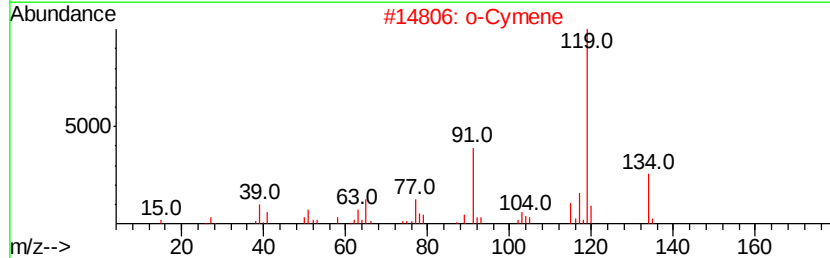
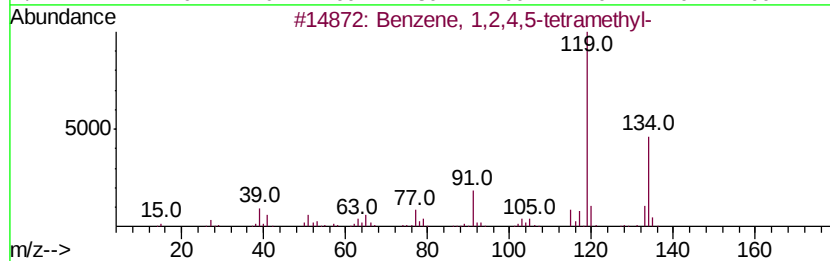
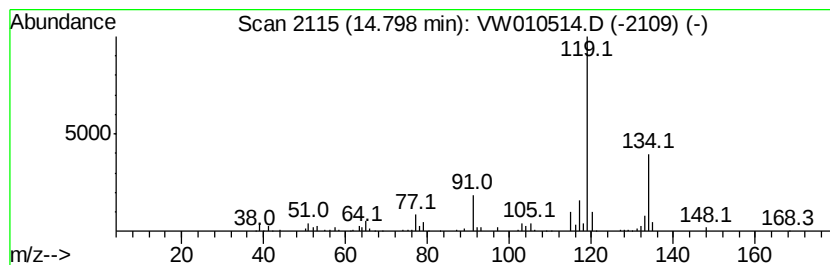
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	9.02 ug/l	85717	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2		o-Cymene	134	C10H14	000527-84-4	94
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW052219\
Data File : VW010514.D
Acq On : 22 May 2019 16:58
Operator : SY/VA
Sample : K3002-07
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
21-C5-20190409

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.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
Cyclohexane, 1,1,...	12.78	6.4	ug/l	61189	4	13.56	475335	50.0
Benzene, 1-ethyl-...	12.87	5.3	ug/l	49905	4	13.56	475335	50.0
Decane, 4-methyl-	13.17	6.2	ug/l	58621	4	13.56	475335	50.0
o-Cymene	13.44	6.5	ug/l	61786	4	13.56	475335	50.0
Benzene, 1-ethyl-...	13.79	6.6	ug/l	62796	4	13.56	475335	50.0
Undecane	13.88	17.6	ug/l	166969	4	13.56	475335	50.0
Benzene, 1,2,4,5-...	14.46	5.2	ug/l	49564	4	13.56	475335	50.0
Benzene, 1,2,3,5-...	14.80	9.0	ug/l	85717	4	13.56	475335	50.0