

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005116.D
 Acq On : 05 Sep 2018 08:31
 Operator : SY/AP
 Sample : J4712-08
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-07

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\82W090118S.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	1.795	27	34	57	rVB	5876170	10053648	100.00%	28.205%
2	4.922	533	547	555	rBV2	99339	321261	3.20%	0.901%
3	5.020	555	563	574	rVB3	45730	154633	1.54%	0.434%
4	7.891	1024	1034	1039	rBV	255633	609355	6.06%	1.710%
5	7.958	1039	1045	1061	rVB	719535	1597892	15.89%	4.483%
6	8.312	1093	1103	1115	rBV	250671	561971	5.59%	1.577%
7	8.848	1181	1191	1205	rBV	1091841	2134348	21.23%	5.988%
8	10.330	1425	1434	1440	rBV	979078	1687694	16.79%	4.735%
9	11.634	1641	1648	1659	rBV	1400471	2377217	23.65%	6.669%
10	11.878	1683	1688	1692	rBV	79606	142589	1.42%	0.400%
11	11.921	1692	1695	1701	rVB2	69571	115047	1.14%	0.323%
12	12.146	1724	1732	1737	rBV2	148682	330608	3.29%	0.928%
13	12.256	1743	1750	1755	rVB	286361	458290	4.56%	1.286%
14	12.341	1755	1764	1765	rBV4	110244	241049	2.40%	0.676%
15	12.366	1765	1768	1774	rVB2	145270	250825	2.49%	0.704%
16	12.512	1786	1792	1795	rBV3	107957	198196	1.97%	0.556%
17	12.543	1795	1797	1804	rVB	140823	225104	2.24%	0.632%
18	12.622	1804	1810	1816	rVB	797054	1293941	12.87%	3.630%
19	12.707	1816	1824	1827	rBV5	89546	201620	2.01%	0.566%
20	12.787	1833	1837	1843	rVB2	264678	480963	4.78%	1.349%
21	12.866	1843	1850	1854	rBV3	143047	318037	3.16%	0.892%
22	12.945	1854	1863	1868	rVV3	421211	1169657	11.63%	3.281%
23	13.000	1868	1872	1877	rVB2	292717	486666	4.84%	1.365%
24	13.085	1882	1886	1890	rBV2	190219	279077	2.78%	0.783%
25	13.134	1890	1894	1896	rVV3	171464	267373	2.66%	0.750%
26	13.171	1896	1900	1907	rVV	819819	1307662	13.01%	3.669%
27	13.299	1918	1921	1925	rVB	111336	134707	1.34%	0.378%
28	13.353	1926	1930	1933	rBV2	174430	264776	2.63%	0.743%
29	13.457	1939	1947	1950	rBV3	410583	822466	8.18%	2.307%
30	13.494	1950	1953	1958	rVV2	254269	379683	3.78%	1.065%
31	13.567	1959	1965	1974	rVB	1108896	1916068	19.06%	5.375%
32	13.707	1982	1988	2000	rVB6	124280	370986	3.69%	1.041%
33	13.811	2000	2005	2009	rBV	177154	272725	2.71%	0.765%
34	13.890	2012	2018	2022	rVV	527534	1012263	10.07%	2.840%

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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 >
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35	13.927	2022	2024	2028	rVV3	198923	292193	2.91%	0.820%
36	13.988	2029	2034	2037	rVV4	183463	379797	3.78%	1.065%
37	14.048	2037	2044	2049	rVV5	245440	783874	7.80%	2.199%
38	14.103	2050	2053	2057	rVV2	218088	373145	3.71%	1.047%
39	14.140	2057	2059	2064	rVB	102381	140855	1.40%	0.395%
40	14.201	2064	2069	2077	rBV5	69493	165097	1.64%	0.463%
41	14.286	2077	2083	2088	rBV4	100499	239556	2.38%	0.672%
42	14.396	2096	2101	2105	rBV3	258484	392252	3.90%	1.100%
43	14.561	2123	2128	2134	rVV3	102332	187690	1.87%	0.527%
44	14.615	2134	2137	2147	rVB4	44127	140049	1.39%	0.393%
45	14.798	2162	2167	2173	rVV2	56648	112087	1.11%	0.314%

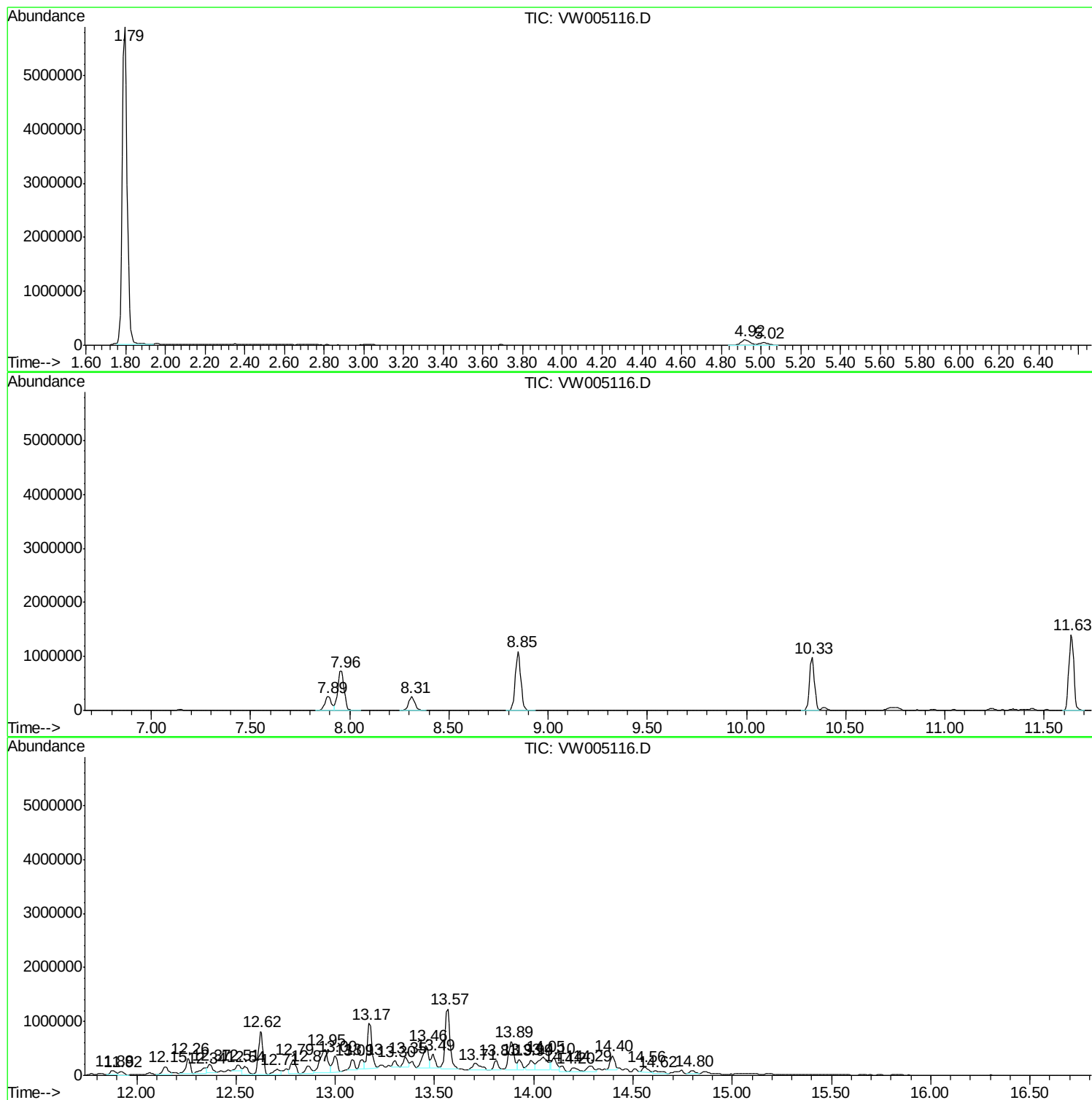
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

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



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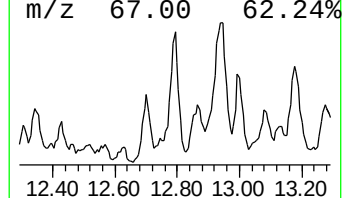
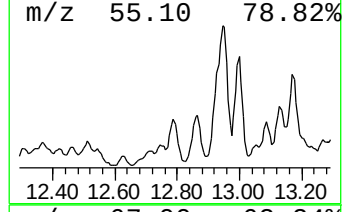
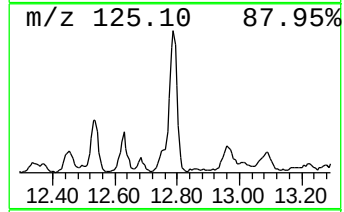
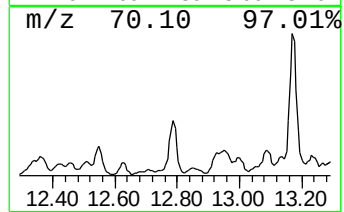
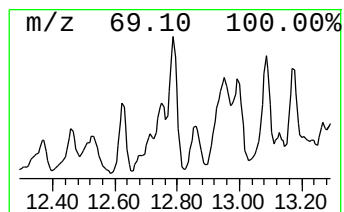
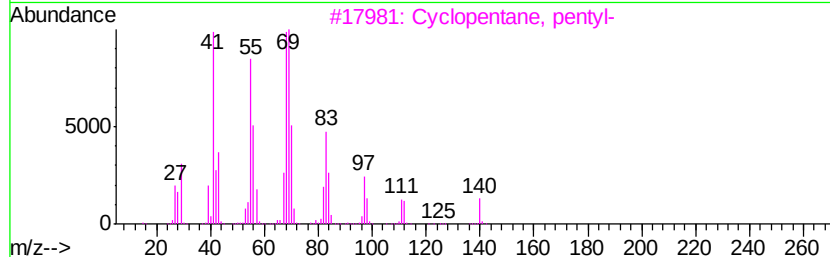
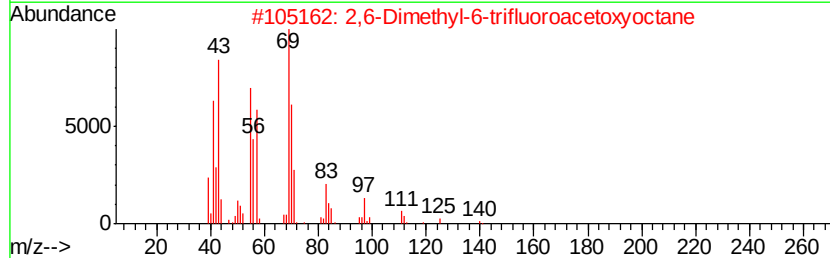
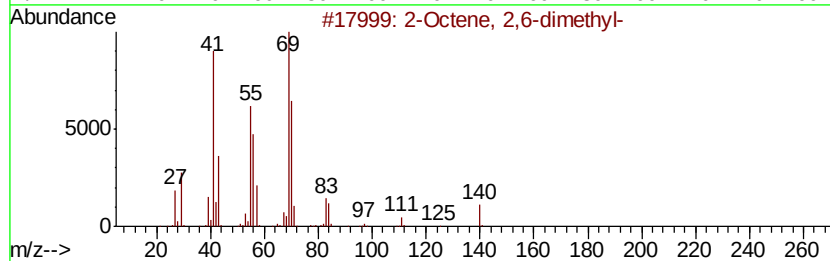
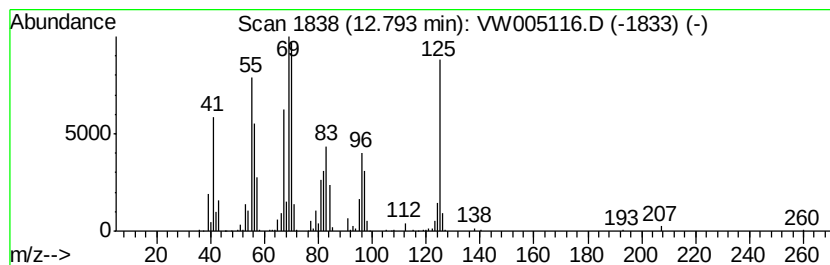
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown12.79 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	12.55 ug/l	480963	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	49
2			2,6-Dimethyl-6-trifluoroacetoxy...	254	C12H21F3O2	061986-67-2	43
3			Cyclopentane, pentyl-	140	C10H20	003741-00-2	43
4			Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	43
5			Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	43



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ALS Vial : 45 Sample Multiplier: 1

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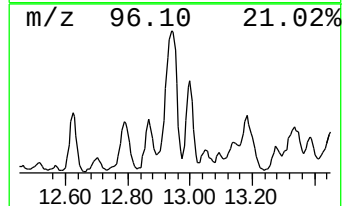
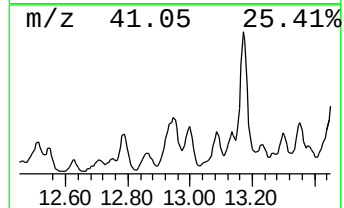
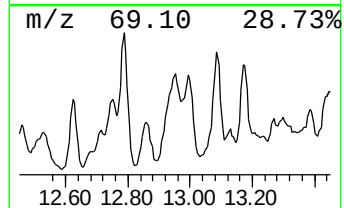
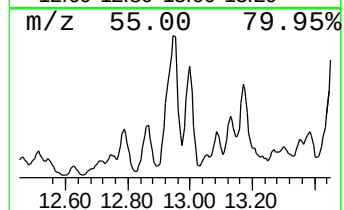
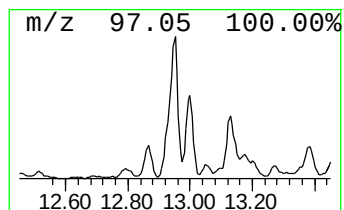
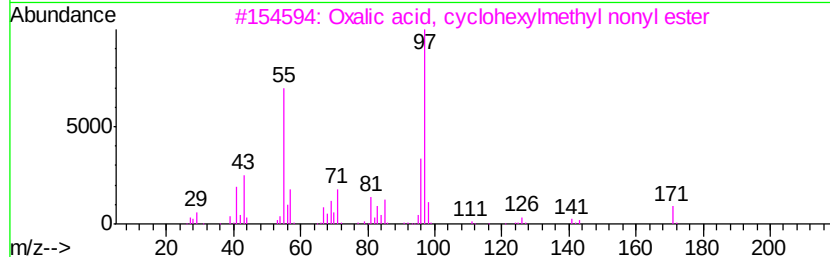
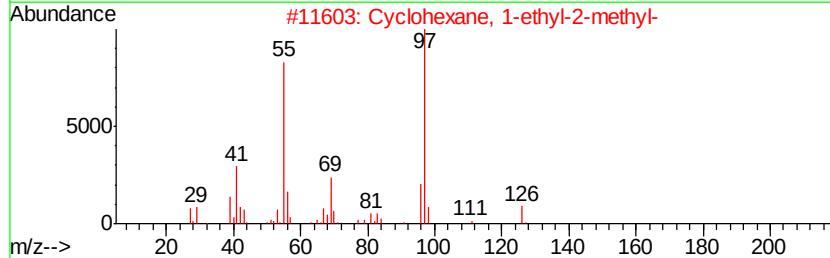
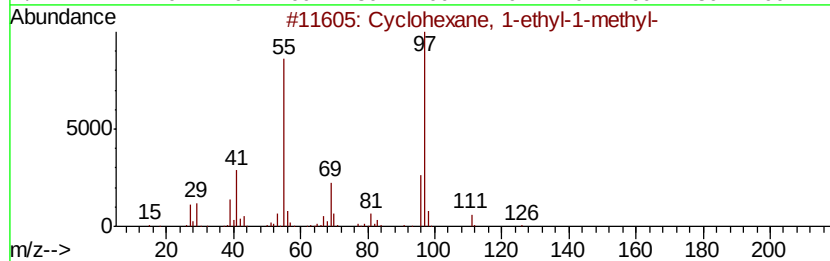
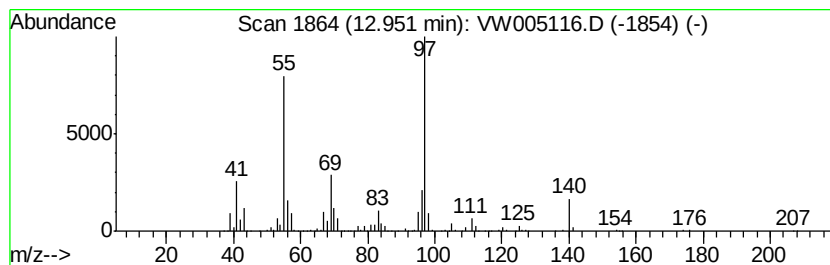
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	30.52 ug/l	1169660	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	81
2		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	80
3		Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	80
4		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	74
5		Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	72



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ALS Vial : 45 Sample Multiplier: 1

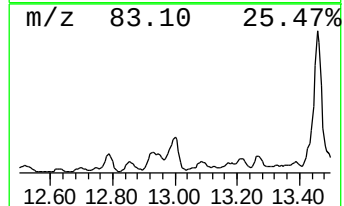
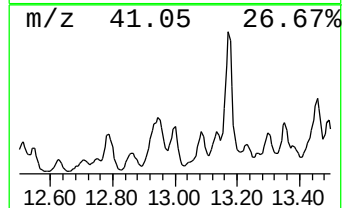
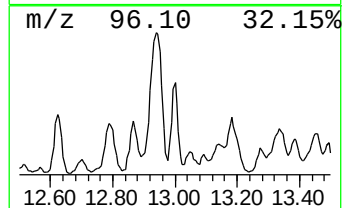
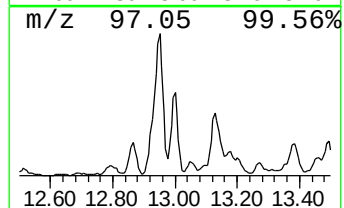
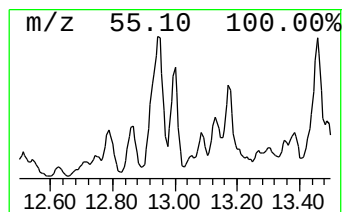
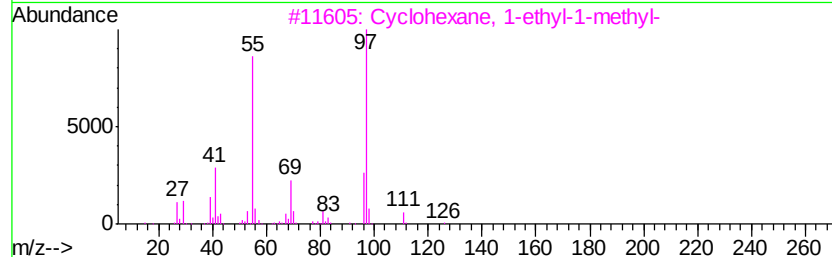
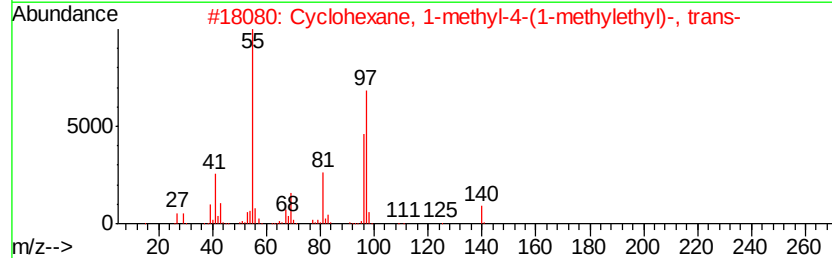
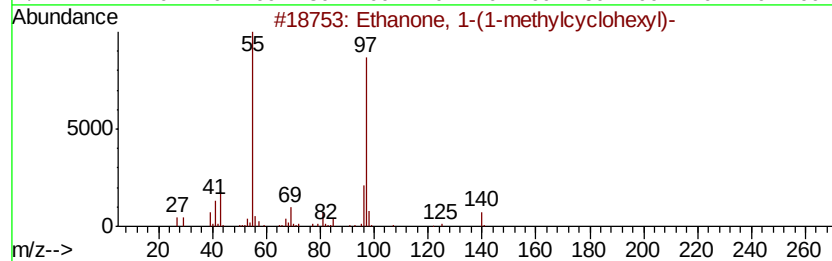
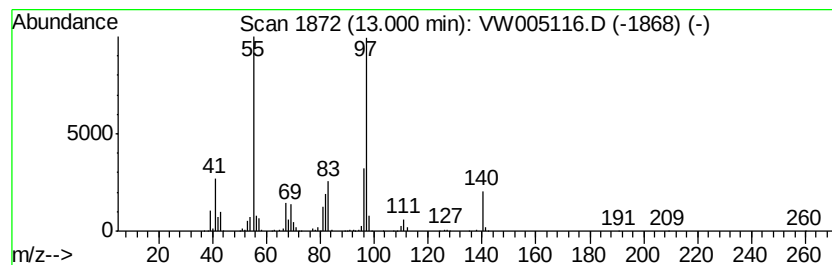
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Ethanone, 1-(1-methylcyclohexyl) Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	12.70 ug/l	486666	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Ethanone, 1-(1-methylcyclohexyl)-	140 C9H16O	002890-62-2	59
2	Cyclohexane, 1-methyl-4-(1-methyl-...	140 C10H20	001678-82-6	58
3	Cyclohexane, 1-ethyl-1-methyl-	126 C9H18	004926-90-3	58
4	Oxalic acid, cyclohexylmethyl pr...	228 C12H20O4	1000309-68-1	53
5	m-Menthane, (1S,3S)-(+)-	140 C10H20	013837-67-7	52



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ALS Vial : 45 Sample Multiplier: 1

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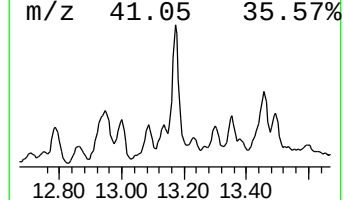
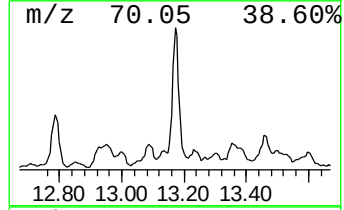
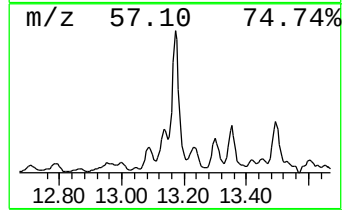
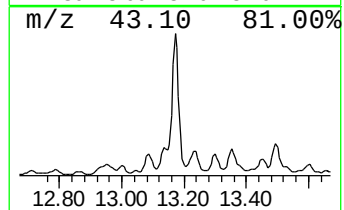
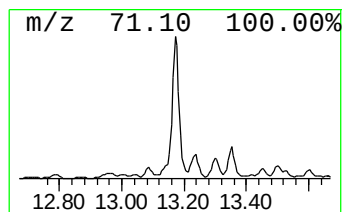
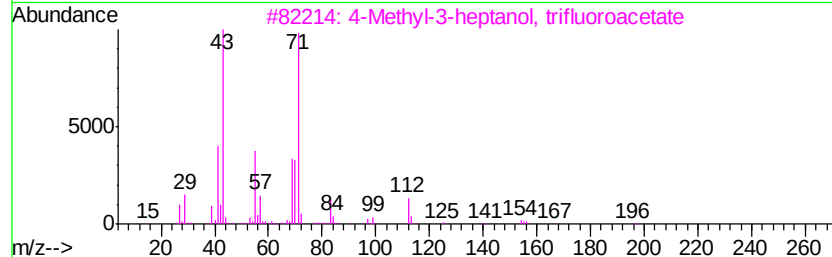
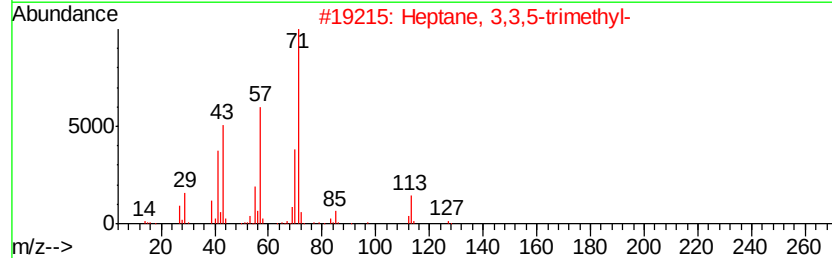
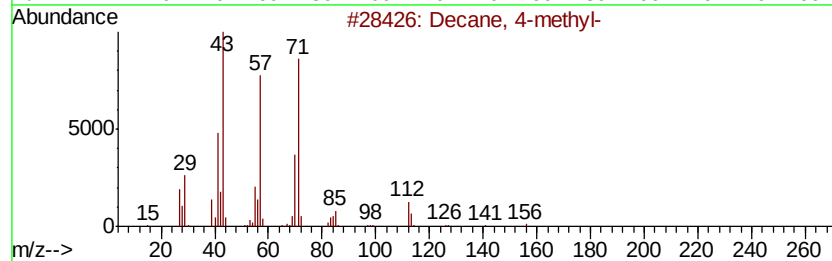
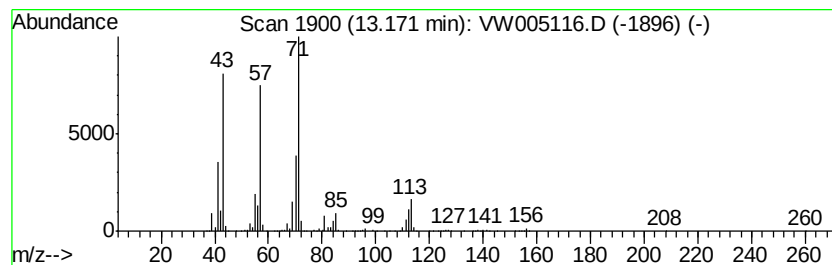
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Decane, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	34.12 ug/l	1307660	1,4-Dichlorobenzene-d4	13.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-		156	C11H24	002847-72-5	90
2	Heptane, 3,3,5-trimethyl-		142	C10H22	007154-80-5	78
3	4-Methyl-3-heptanol, trifluoroac...		226	C10H17F3O2	1000365-51-8	64
4	Octane, 3-ethyl-		142	C10H22	005881-17-4	59
5	Isobutyl 3-methylbutan-2-yl carb...		188	C10H20O3	1000372-77-0	59



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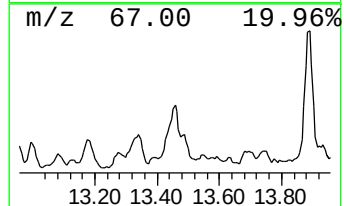
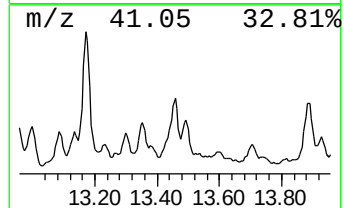
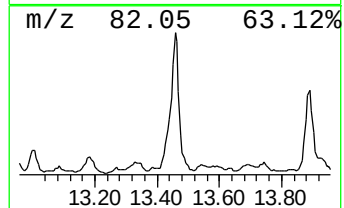
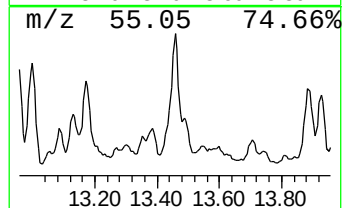
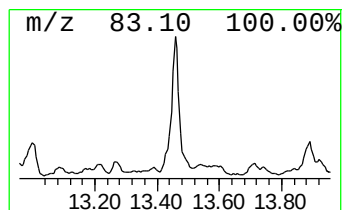
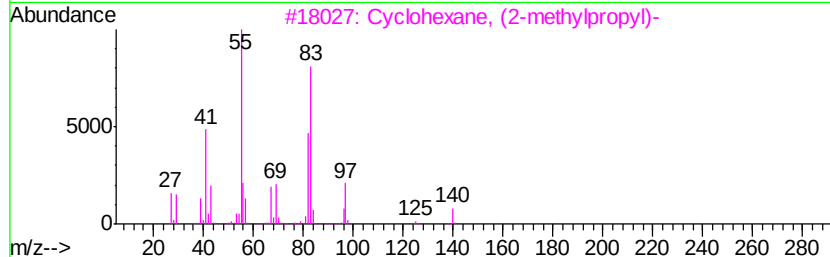
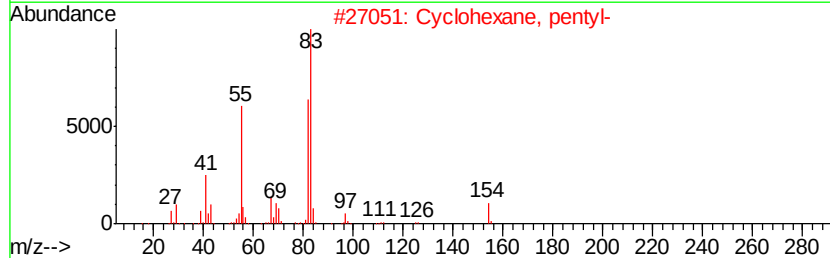
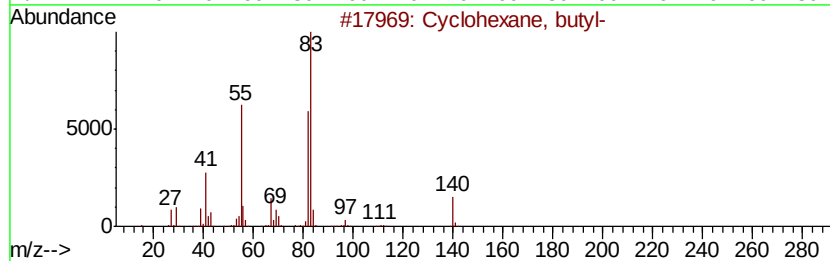
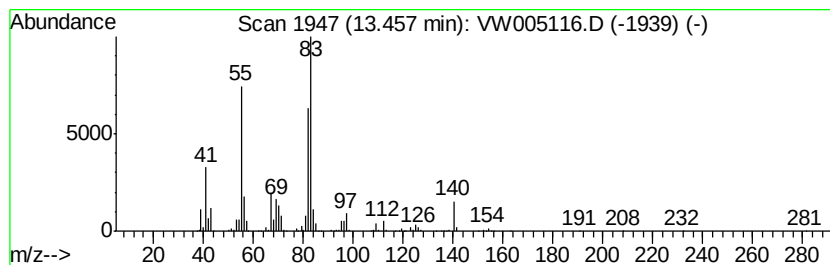
Instrument :
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ClientSampleId :
SB-07

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

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

Peak Number 6 Cyclohexane, butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.46	21.46 ug/l	822466	1,4-Dichlorobenzene-d4	13.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	78
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005116.D
Acq On : 05 Sep 2018 08:31
Operator : SY/AP
Sample : J4712-08
Misc : 5.06G/5ML/MSVOA W/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-07

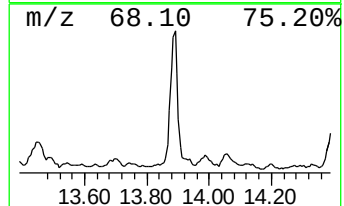
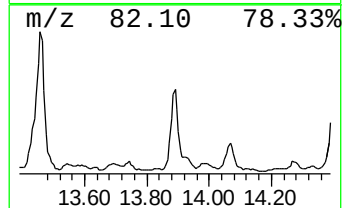
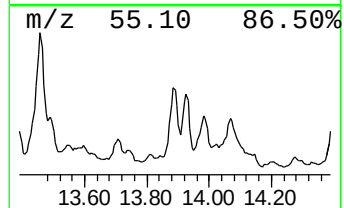
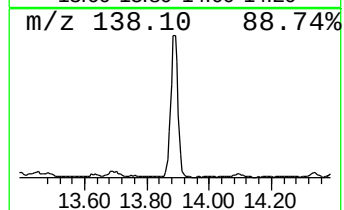
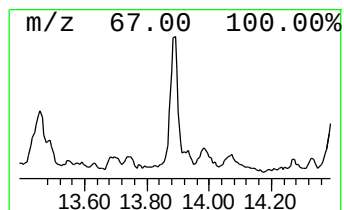
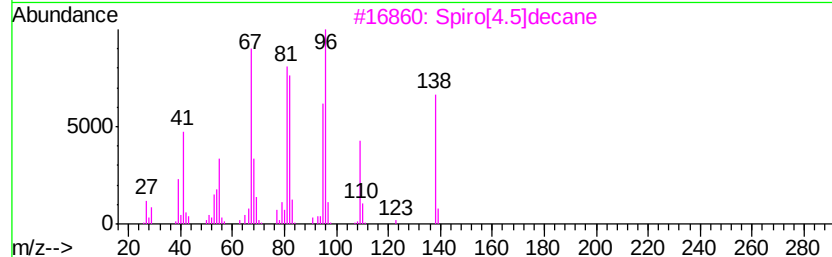
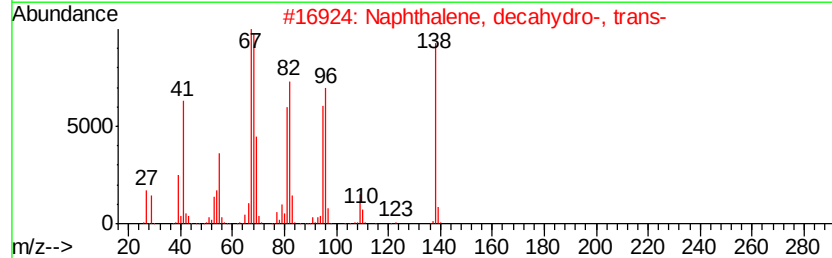
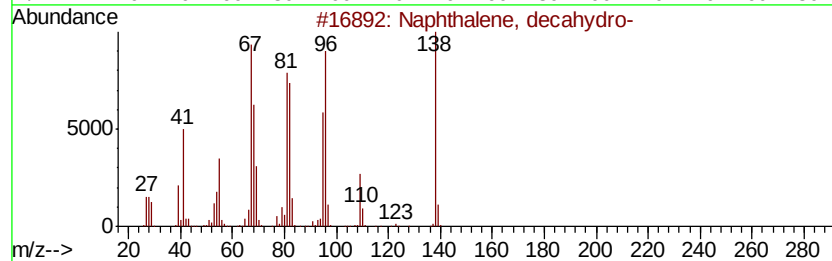
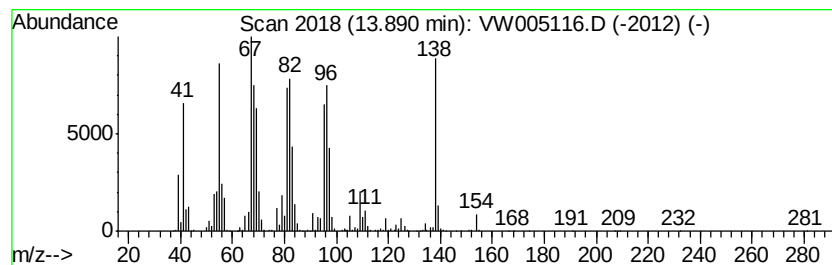
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, decahydro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	26.42 ug/l	1012260	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-	138	C10H18	000091-17-8	96
2		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
3		Spiro[4.5]decane	138	C10H18	000176-63-6	76
4		1,1'-Bicyclopentyl	138	C10H18	001636-39-1	70
5		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005116.D
Acq On : 05 Sep 2018 08:31
Operator : SY/AP
Sample : J4712-08
Misc : 5.06G/5ML/MSVOA W/SOIL
ALS Vial : 45 Sample Multiplier: 1

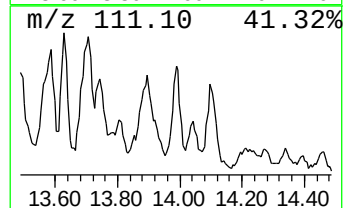
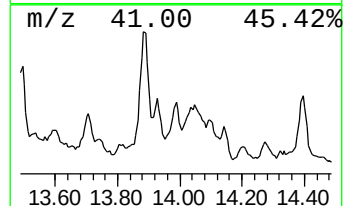
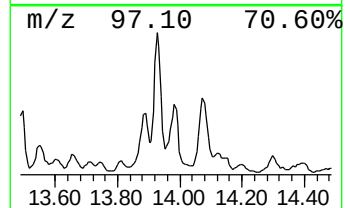
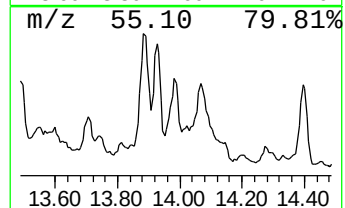
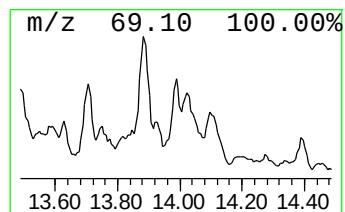
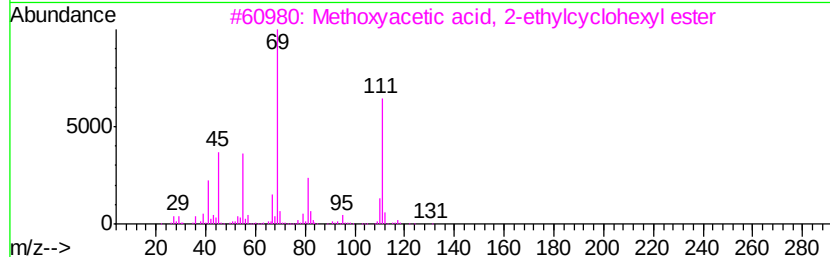
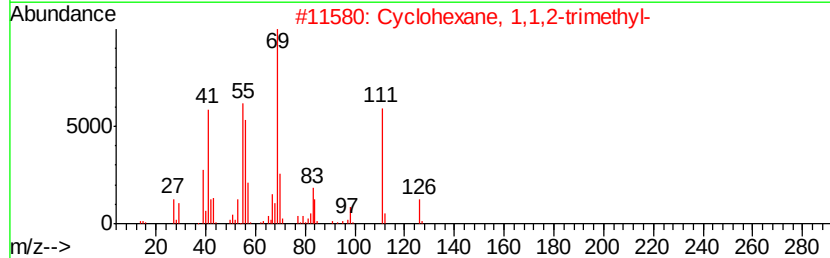
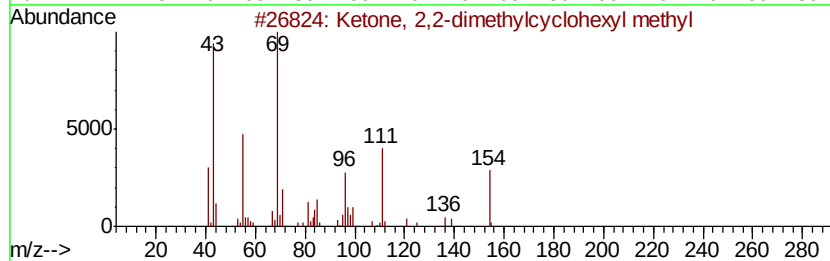
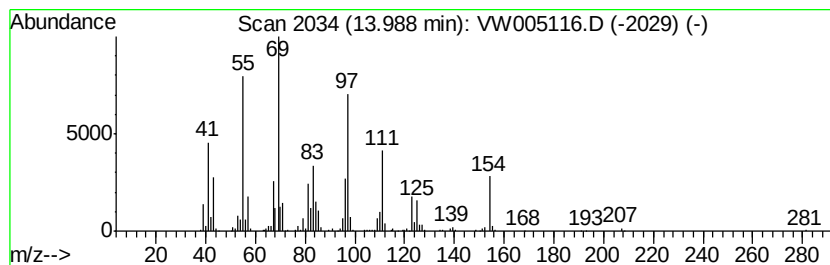
Instrument :
MSVOA_W
ClientSampleId :
SB-07

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

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

Peak Number 8 Ketone, 2,2-dimethylcyclohe... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	9.91 ug/l	379797	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Ketone, 2,2-dimethylcyclohexyl m...	154 C10H18O	017983-26-5 62
2		Cyclohexane, 1,1,2-trimethyl-	126 C9H18	007094-26-0 43
3		Methoxvacetic acid, 2-ethylcyclo...	200 C11H20O3	1000282-69-7 43
4		Cyclohexane, 1-ethyl-1,4-dimethyl...	140 C10H20	062238-32-8 38
5		Cyclohexane, 1-ethyl-1,3-dimethyl...	140 C10H20	062238-29-3 38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005116.D
Acq On : 05 Sep 2018 08:31
Operator : SY/AP
Sample : J4712-08
Misc : 5.06G/5ML/MSVOA W/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
SB-07

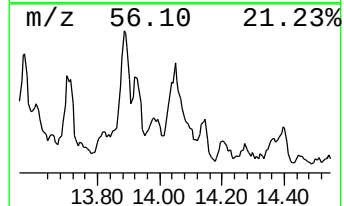
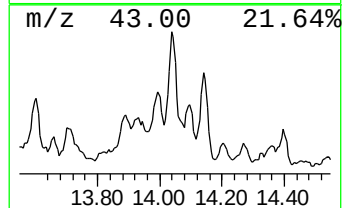
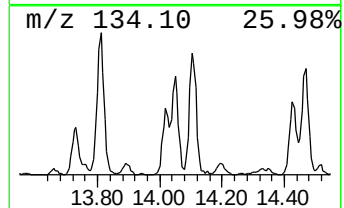
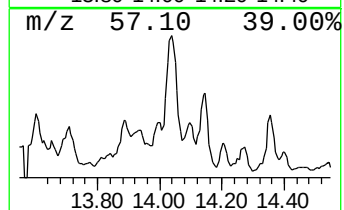
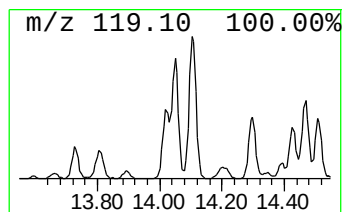
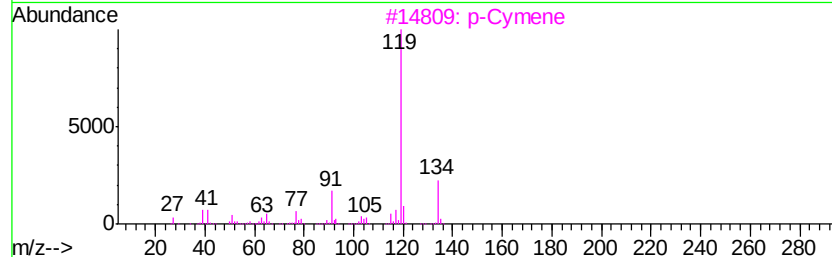
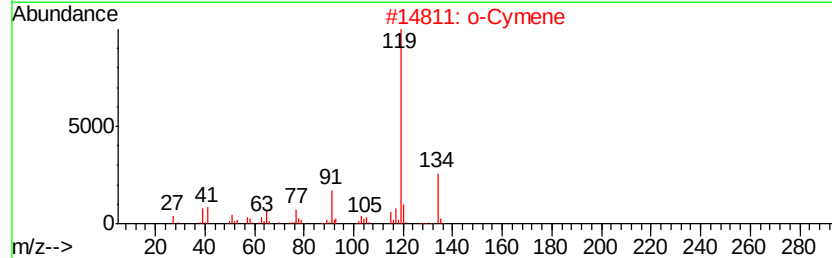
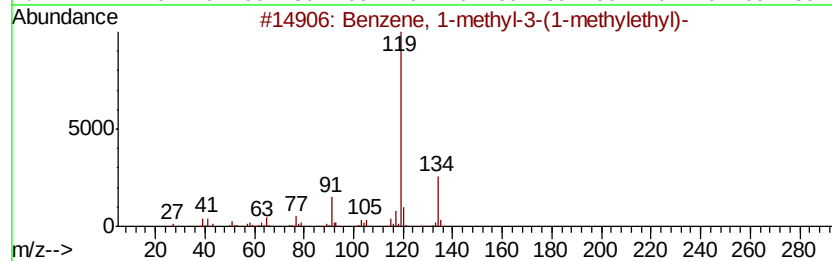
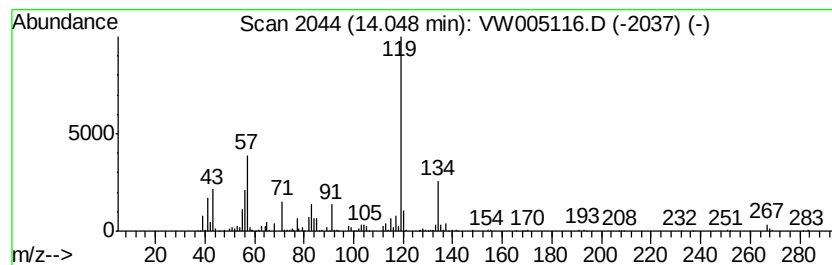
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1-methyl-3-(1-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	20.46 ug/l	783874	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	94
2		o-Cymene	134	C10H14	000527-84-4	94
3		p-Cymene	134	C10H14	000099-87-6	94
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	89



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005116.D
 Acq On : 05 Sep 2018 08:31
 Operator : SY/AP
 Sample : J4712-08
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-07

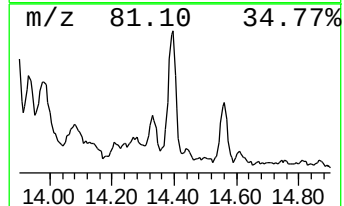
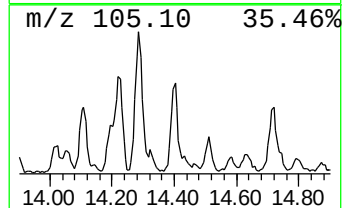
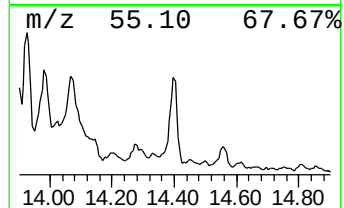
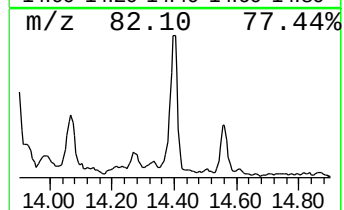
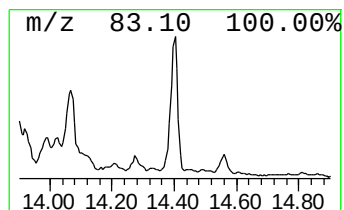
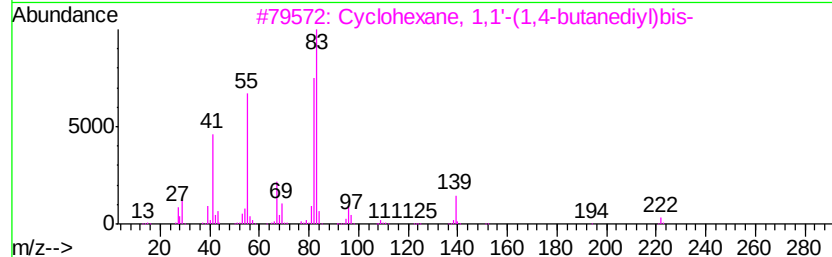
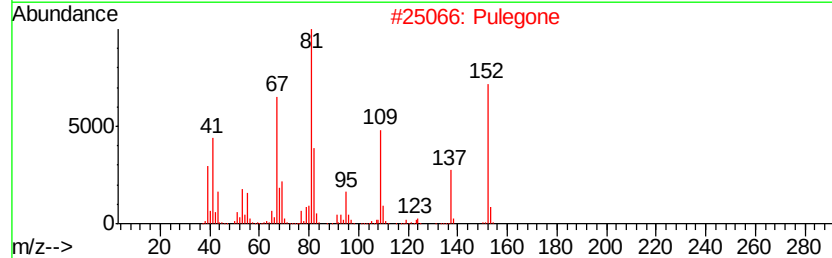
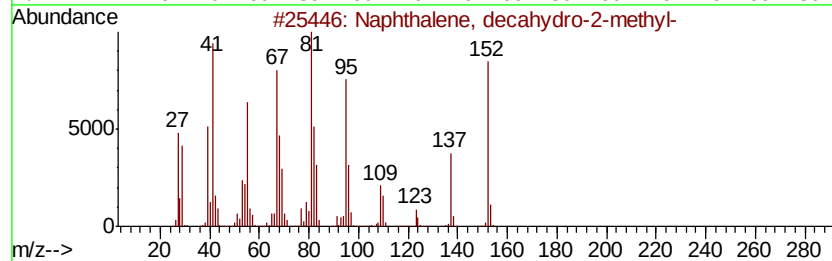
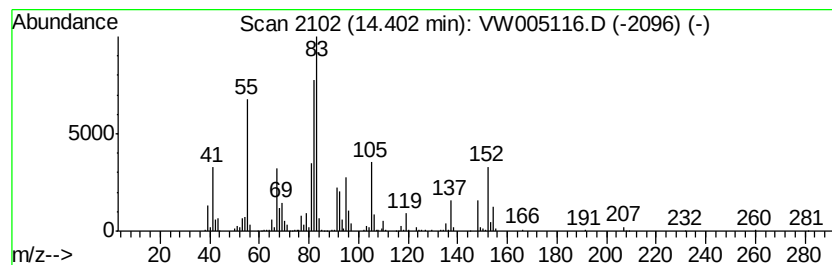
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260

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

 Peak Number 10 Naphthalene, decahydro-2-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	10.24 ug/l	392252	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	62
2		Pulegone	152	C10H16O	000089-82-7	38
3		Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	38
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38
5		Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090418\
Data File : VW005116.D
Acq On : 05 Sep 2018 08:31
Operator : SY/AP
Sample : J4712-08
Misc : 5.06G/5ML/MSVOA_W/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-07

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.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
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Cyclohexane, 1-et...	12.95	30.5	ug/l	1169660	4	13.57	1916070	50.0
Ethanone, 1-(1-me...	13.00	12.7	ug/l	486666	4	13.57	1916070	50.0
Decane, 4-methyl-	13.17	34.1	ug/l	1307660	4	13.57	1916070	50.0
Cyclohexane, butyl-	13.46	21.5	ug/l	822466	4	13.57	1916070	50.0
Naphthalene, deca...	13.89	26.4	ug/l	1012260	4	13.57	1916070	50.0
Ketone, 2,2-dimet...	13.99	9.9	ug/l	379797	4	13.57	1916070	50.0
Benzene, 1-methyl...	14.05	20.5	ug/l	783874	4	13.57	1916070	50.0
Naphthalene, deca...	14.40	10.2	ug/l	392252	4	13.57	1916070	50.0