

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071219\
 Data File : VW011225.D
 Acq On : 11 Jul 2019 13:23
 Operator : SY/VA
 Sample : K3757-01
 Misc : 4.99G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY0300F002-SD-190710

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\82W070819S.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	2.154	36	41	49	rBV3	4337	11329	2.02%	0.273%
2	2.635	116	120	128	rVB7	3986	7518	1.34%	0.181%
3	4.117	355	363	373	rBV	7539	21321	3.80%	0.514%
4	4.373	396	405	407	rBV2	2999	6636	1.18%	0.160%
5	4.903	478	492	507	rBV6	4101	17706	3.16%	0.427%
6	6.866	806	814	821	rBV6	2051	6054	1.08%	0.146%
7	7.171	852	864	873	rBV4	3377	12260	2.19%	0.296%
8	7.878	969	980	985	rBV	72627	171614	30.62%	4.141%
9	7.945	985	991	1000	rVV	144084	319211	56.95%	7.703%
10	8.025	1000	1004	1018	rVB7	4089	11715	2.09%	0.283%
11	8.305	1040	1050	1060	rBV	86580	192811	34.40%	4.653%
12	8.476	1062	1078	1089	rVV	17332	58775	10.49%	1.418%
13	8.842	1129	1138	1147	rBV	211276	414506	73.95%	10.002%
14	9.329	1206	1218	1223	rBV7	9946	28026	5.00%	0.676%
15	9.378	1223	1226	1233	rVB5	2658	5733	1.02%	0.138%
16	9.463	1233	1240	1246	rBV3	2711	5664	1.01%	0.137%
17	9.604	1253	1263	1275	rVB7	2350	6972	1.24%	0.168%
18	9.756	1279	1288	1298	rVB2	13618	29119	5.20%	0.703%
19	9.890	1300	1310	1316	rBV	18956	39820	7.10%	0.961%
20	10.244	1357	1368	1374	rBV2	17464	36446	6.50%	0.879%
21	10.323	1374	1381	1389	rVV	314041	560512	100.00%	13.525%
22	10.384	1389	1391	1399	rVV2	5297	8312	1.48%	0.201%
23	10.482	1403	1407	1417	rVB9	2853	8781	1.57%	0.212%
24	10.616	1421	1429	1433	rBV6	2940	6959	1.24%	0.168%
25	10.707	1440	1444	1448	rVB	4017	5988	1.07%	0.144%
26	10.768	1448	1454	1460	rBV2	5395	10789	1.92%	0.260%
27	10.927	1477	1480	1488	rVB2	4734	8543	1.52%	0.206%
28	11.177	1517	1521	1525	rVB4	4726	6815	1.22%	0.164%
29	11.231	1525	1530	1534	rVB2	4935	8684	1.55%	0.210%
30	11.286	1534	1539	1542	rBV3	4316	6905	1.23%	0.167%
31	11.329	1542	1546	1550	rVB4	3856	6151	1.10%	0.148%
32	11.433	1558	1563	1573	rVB2	9991	19698	3.51%	0.475%
33	11.628	1587	1595	1605	rBV	254486	449540	80.20%	10.848%
34	11.762	1613	1617	1621	rVB4	3624	5821	1.04%	0.140%

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35	11.823	1621	1627	1629	rBV3	7099	11952	2.13%	0.288%
36	11.872	1632	1635	1647	rVB5	10671	32168	5.74%	0.776%
37	11.981	1647	1653	1658	rBV7	5137	14192	2.53%	0.342%
38	12.036	1658	1662	1670	rVB5	4988	11319	2.02%	0.273%
39	12.128	1670	1677	1684	rBV4	16014	42759	7.63%	1.032%
40	12.195	1684	1688	1690	rVV4	7204	11225	2.00%	0.271%
41	12.225	1690	1693	1701	rVB7	9135	21620	3.86%	0.522%
42	12.341	1701	1712	1721	rBV7	21555	73618	13.13%	1.776%
43	12.439	1721	1728	1735	rBV9	13279	38351	6.84%	0.925%
44	12.615	1751	1757	1764	rBV	189337	321178	57.30%	7.750%
45	12.701	1764	1771	1776	rBV7	14149	36559	6.52%	0.882%
46	12.780	1780	1784	1791	rVB3	29361	54928	9.80%	1.325%
47	12.859	1791	1797	1805	rBV7	21426	65300	11.65%	1.576%
48	12.951	1805	1812	1824	rBV9	21983	79208	14.13%	1.911%
49	13.079	1829	1833	1838	rVB4	20864	33095	5.90%	0.799%
50	13.134	1838	1842	1845	rBV5	4813	8932	1.59%	0.216%
51	13.195	1847	1852	1860	rVB6	16418	41262	7.36%	0.996%
52	13.268	1860	1864	1865	rBV3	9511	14382	2.57%	0.347%
53	13.292	1865	1868	1872	rBV3	8988	12167	2.17%	0.294%
54	13.384	1880	1883	1885	rBV4	7386	10603	1.89%	0.256%
55	13.487	1896	1900	1904	rBV6	5936	8982	1.60%	0.217%
56	13.560	1906	1912	1919	rVB	199656	330614	58.98%	7.978%
57	13.694	1930	1934	1939	rVB5	13937	24500	4.37%	0.591%
58	13.877	1958	1964	1970	rBV4	36683	68640	12.25%	1.656%
59	13.932	1970	1973	1978	rVB3	7569	12168	2.17%	0.294%
60	14.194	2013	2016	2021	rVB6	7518	9308	1.66%	0.225%
61	14.261	2024	2027	2034	rVV6	14685	27719	4.95%	0.669%
62	14.328	2034	2038	2043	rVV4	7199	15572	2.78%	0.376%
63	14.383	2043	2047	2051	rVV3	20010	35898	6.40%	0.866%
64	14.420	2051	2053	2061	rVB5	13811	23682	4.23%	0.571%
65	14.548	2067	2074	2079	rBV7	13763	33460	5.97%	0.807%
66	14.664	2089	2093	2097	rVB4	7791	11998	2.14%	0.290%
67	14.798	2111	2115	2122	rVV10	6090	13441	2.40%	0.324%
68	14.859	2122	2125	2135	rVB10	6485	12649	2.26%	0.305%
69	15.060	2156	2158	2163	rVB5	5351	6731	1.20%	0.162%
70	15.334	2198	2203	2208	rBV2	13286	22743	4.06%	0.549%
71	15.438	2210	2220	2225	rBV7	9969	27530	4.91%	0.664%

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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
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72	16.633	2413	2416	2424	rVB9	3568	6932	1.24%	0.167%
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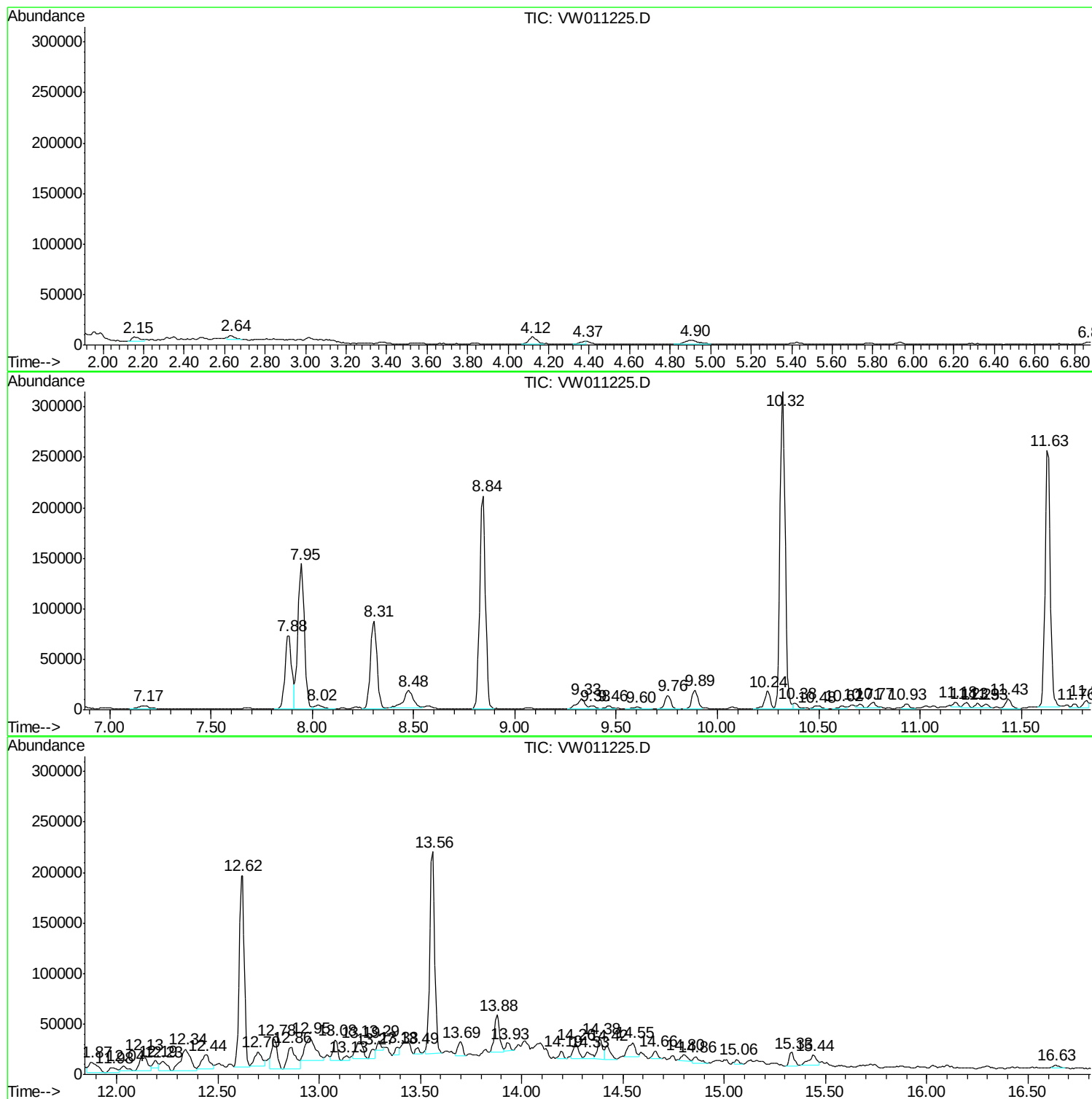
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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
Quant Title : SW846 8260

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



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Instrument :
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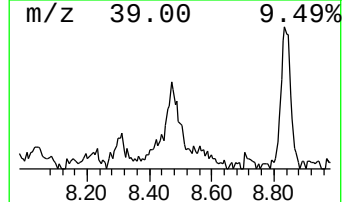
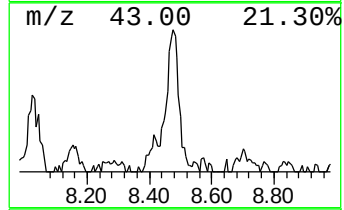
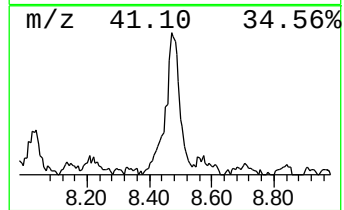
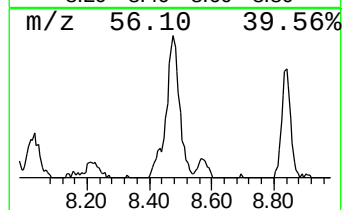
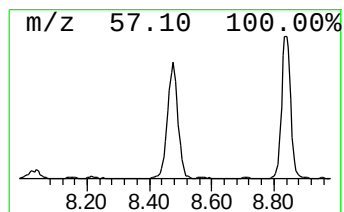
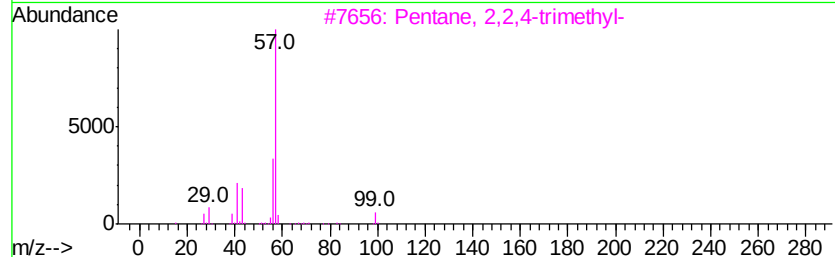
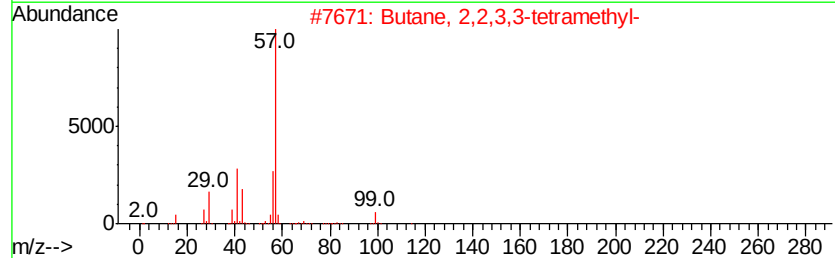
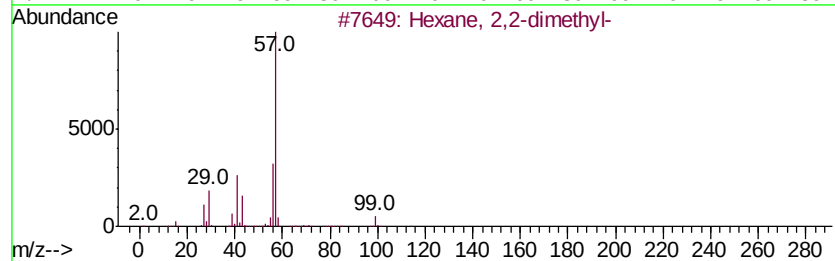
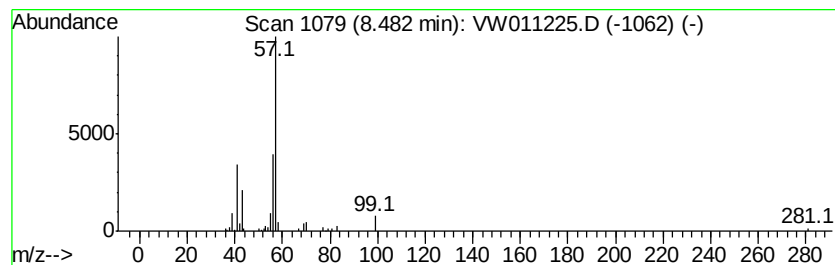
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
Quant Title : SW846 8260

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

Peak Number 1 Hexane, 2,2-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	7.09 ug/l	58775	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
2		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64
3		Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	59
4		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	45
5		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	45



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Misc : 4.99G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

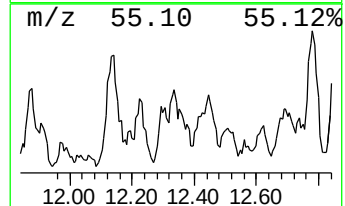
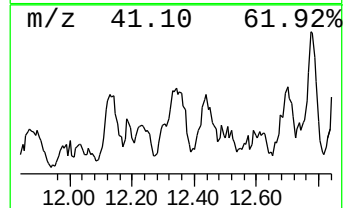
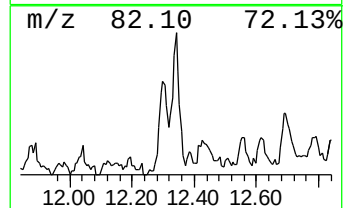
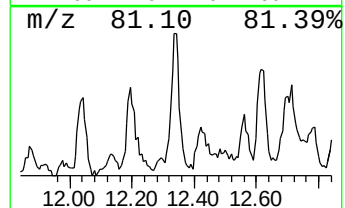
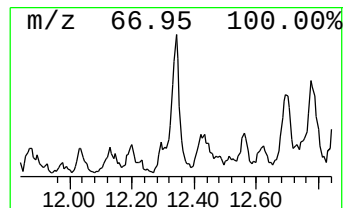
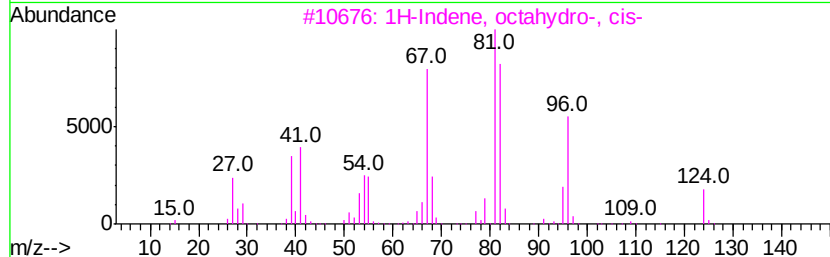
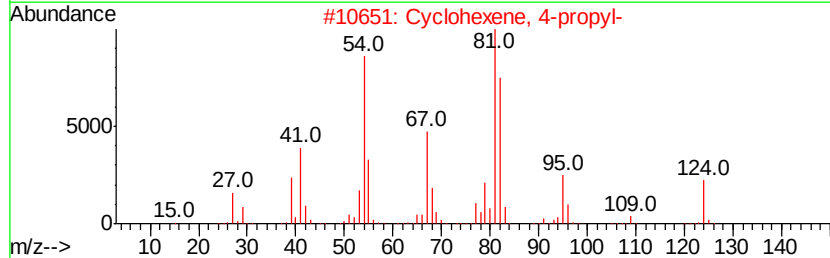
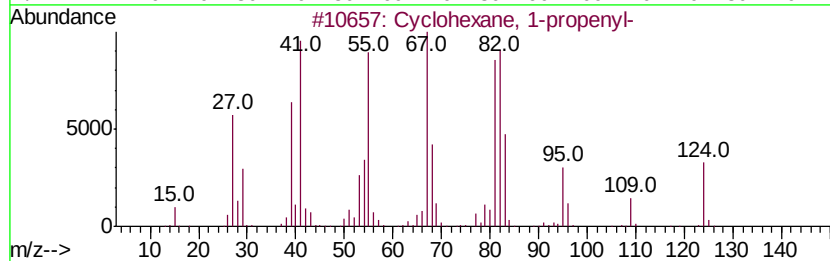
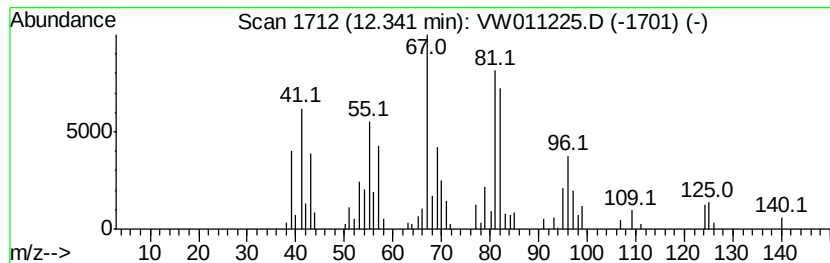
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Quant Title : SW846 8260

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

Peak Number 2 Cyclohexane, 1-propenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.34	8.19 ug/l	73618	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1-propenyl-	124	C9H16	005364-83-0	81
2		Cyclohexene, 4-propyl-	124	C9H16	013487-64-4	58
3		1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	58
4		Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	53
5		1-Methylcyclooctene	124	C9H16	000933-11-9	53



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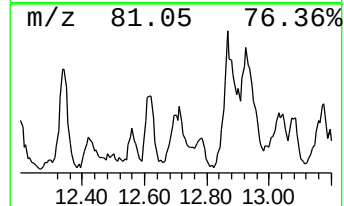
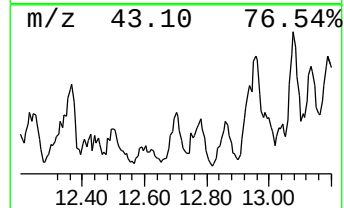
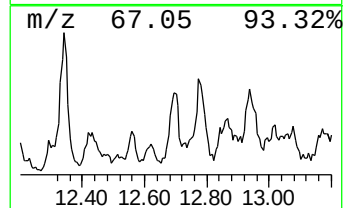
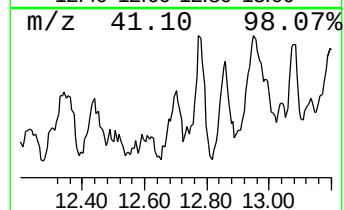
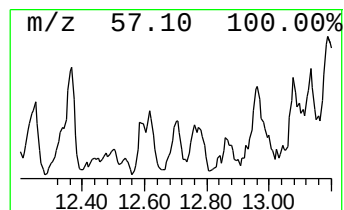
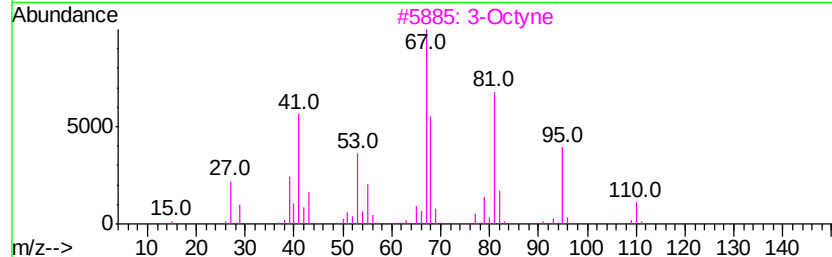
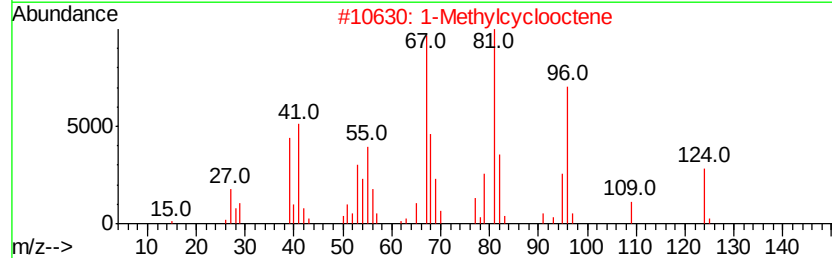
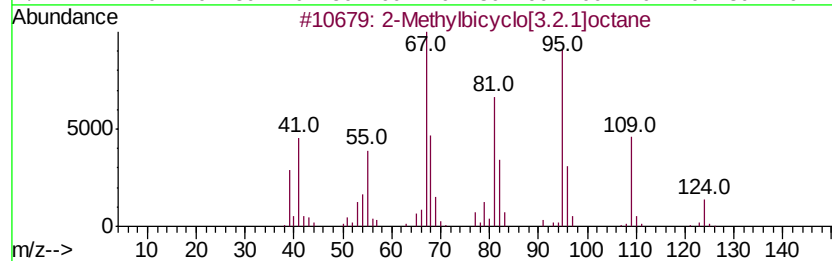
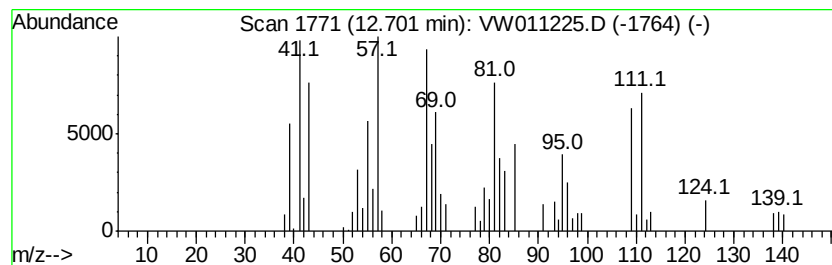
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Methylbicyclo[3.2.1]octane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.70	5.53 ug/l	36559	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylbicyclo[3.2.1]octane	124	C9H16	1000215-28-0	53
2	1-Methylcyclooctene	124	C9H16	000933-11-9	50
3	3-Octyne	110	C8H14	015232-76-5	49
4	Bicyclo[4.1.0]heptane	96	C7H12	000286-08-8	46
5	9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	41



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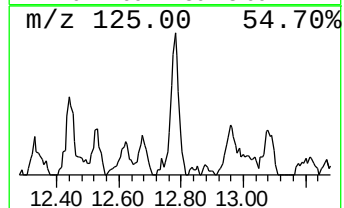
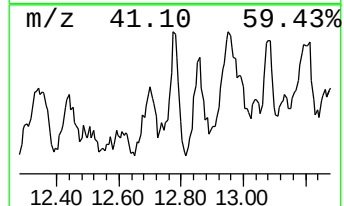
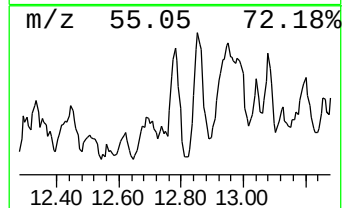
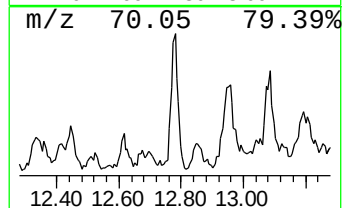
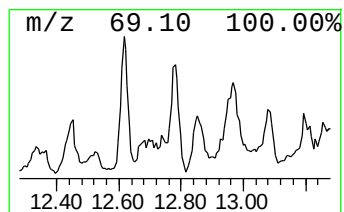
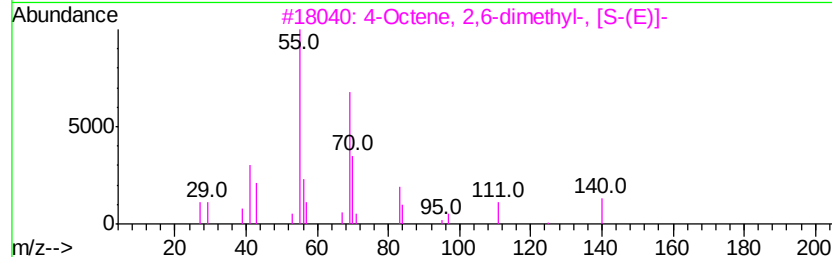
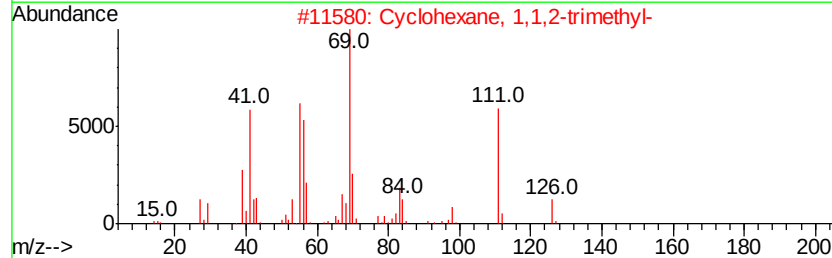
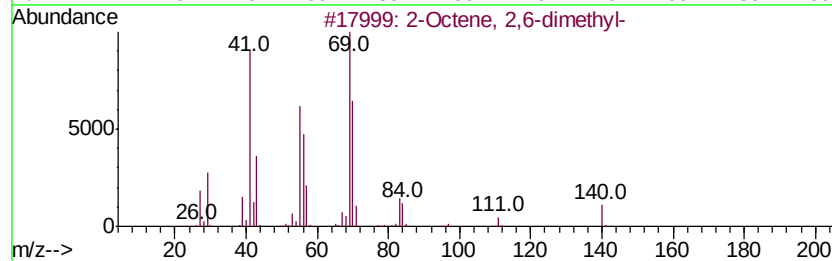
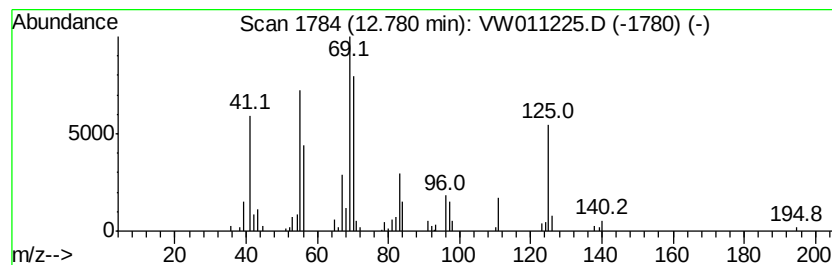
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Quant Title : SW846 8260

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

Peak Number 4 2-Octene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	8.31 ug/l	54928	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	53
2		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	38
3		4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	38
4		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	35
5		cis-3-Decene	140	C10H20	019398-86-8	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071219\
Data File : VW011225.D
Acq On : 11 Jul 2019 13:23
Operator : SY/VA
Sample : K3757-01
Misc : 4.99G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
KY0300F002-SD-190710

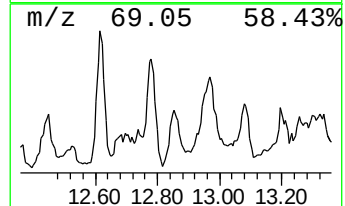
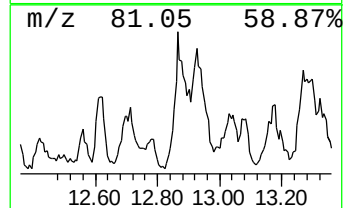
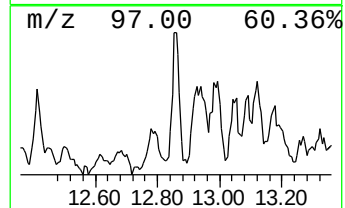
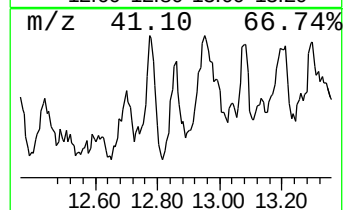
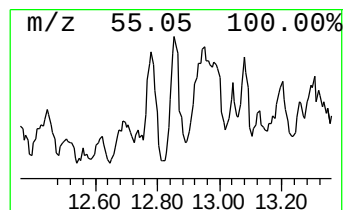
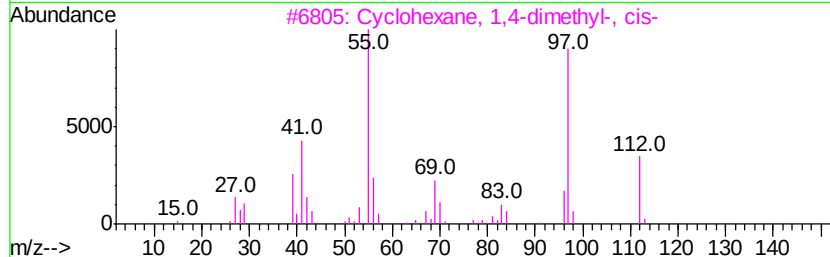
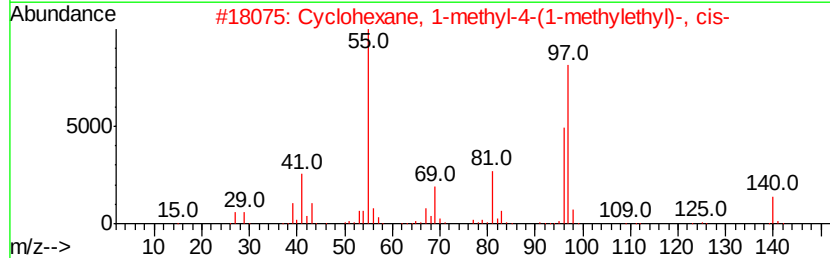
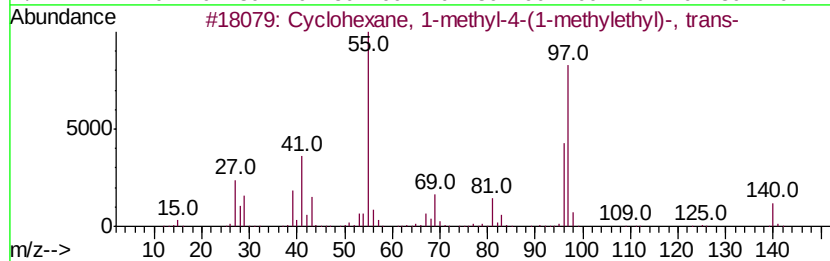
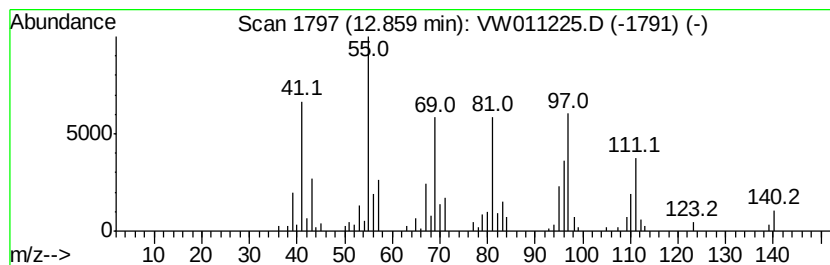
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Quant Title : SW846 8260

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

Peak Number 5 unknown12.86 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	9.88 ug/l	65300	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-methyl-4-(1-methyl-4-(1-methylethyl)-, trans-	140	C10H20	001678-82-6	43
2		Cyclohexane, 1-methyl-4-(1-methyl-4-(1-methylethyl)-, cis-	140	C10H20	006069-98-3	43
3		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	38
4		m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	38
5		1-Methyl-4-(1-methylethyl)-cyclohexane	140	C10H20	000099-82-1	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071219\
Data File : VW011225.D
Acq On : 11 Jul 2019 13:23
Operator : SY/VA
Sample : K3757-01
Misc : 4.99G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

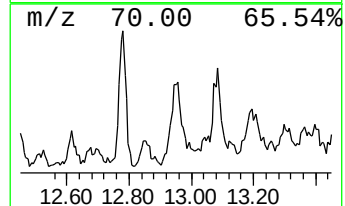
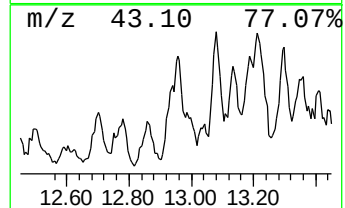
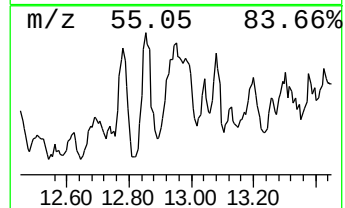
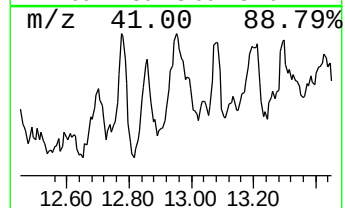
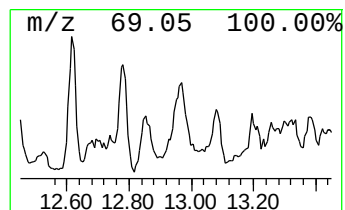
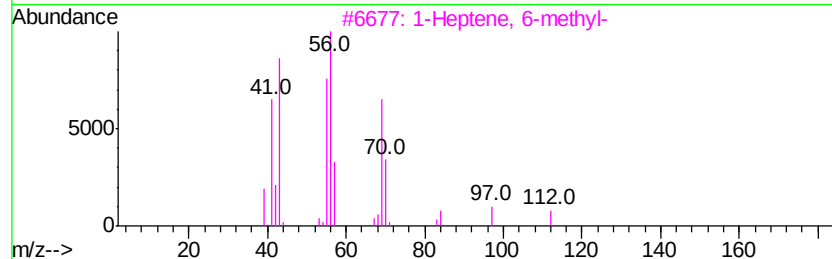
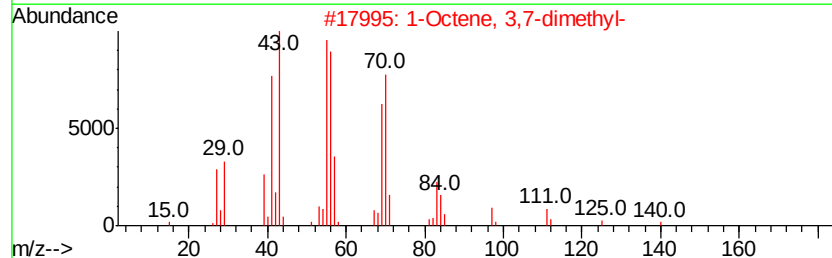
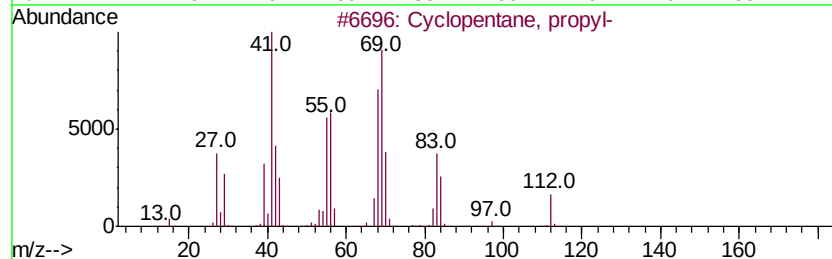
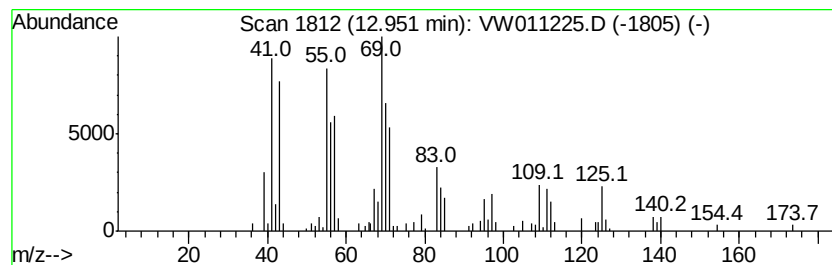
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MSVOA_W
ClientSampleId :
KY0300F002-SD-190710

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
Quant Title : SW846 8260

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

Peak Number 6 unknown12.95 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	11.98 ug/l	79208	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentane, propyl-	112 C8H16	002040-96-2 46
2		1-Octene, 3,7-dimethyl-	140 C10H20	004984-01-4 45
3		1-Heptene, 6-methyl-	112 C8H16	005026-76-6 43
4		Nonane, 2-methyl-3-methylene-	154 C11H22	055499-08-6 43
5		Cyclohexane, 1,2,3-trimethyl-, (...)	126 C9H18	001678-81-5 43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071219\
Data File : VW011225.D
Acq On : 11 Jul 2019 13:23
Operator : SY/VA
Sample : K3757-01
Misc : 4.99G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
KY0300F002-SD-190710

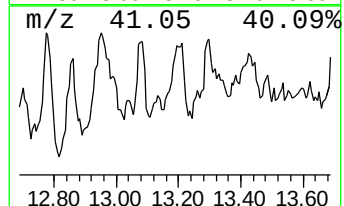
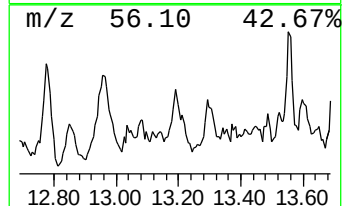
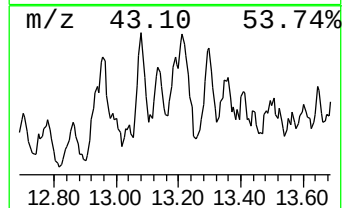
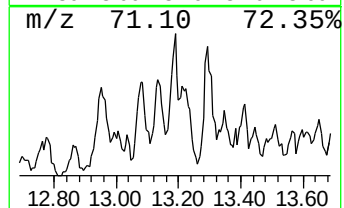
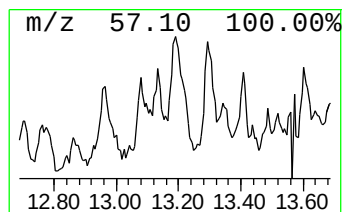
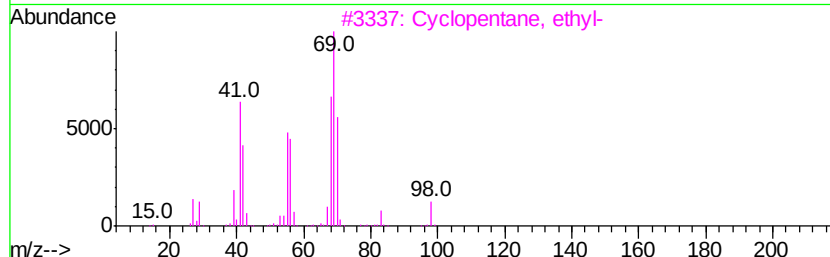
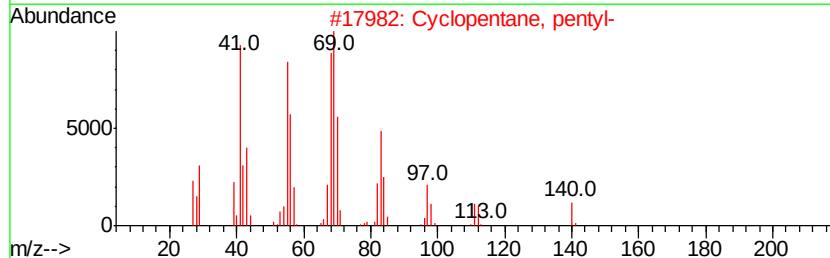
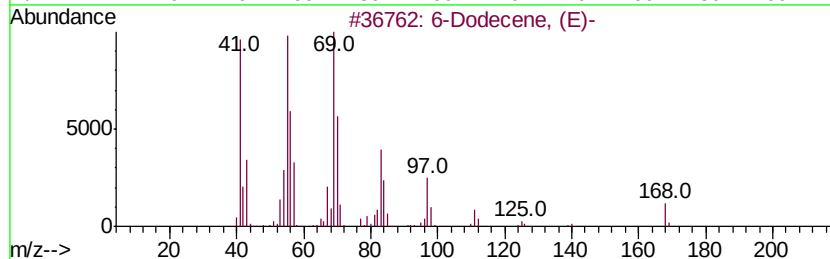
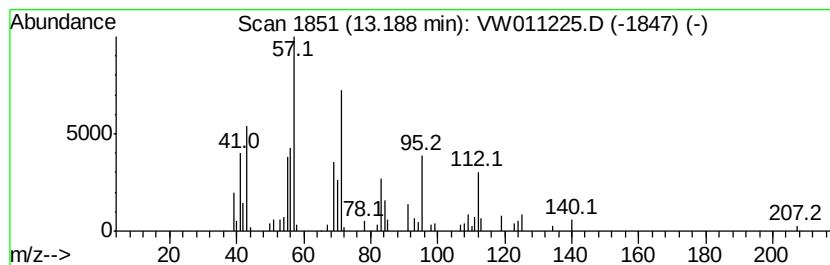
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Quant Title : SW846 8260

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

Peak Number 7 unknown13.19 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	6.24 ug/l	41262	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Dodecene, (E)-	168	C12H24	007206-17-9	43
2		Cyclopentane, pentyl-	140	C10H20	003741-00-2	30
3		Cyclopentane, ethyl-	98	C7H14	001640-89-7	27
4		(R)-(+)-3-Methylcyclopentanone	98	C6H10O	006672-30-6	27
5		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071219\
Data File : VW011225.D
Acq On : 11 Jul 2019 13:23
Operator : SY/VA
Sample : K3757-01
Misc : 4.99G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
KY0300F002-SD-190710

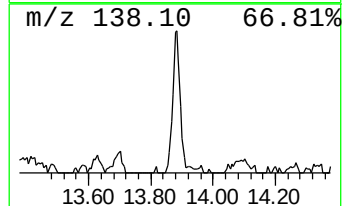
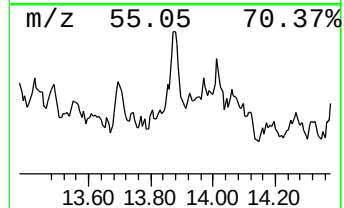
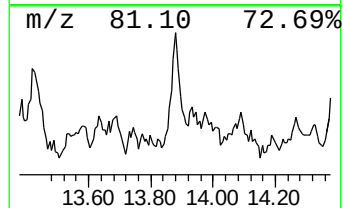
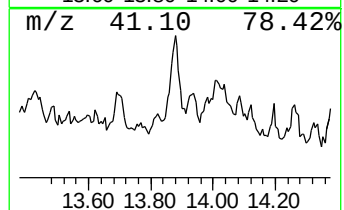
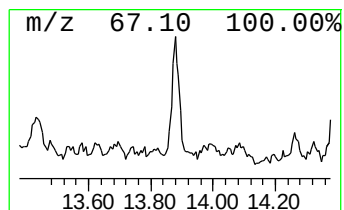
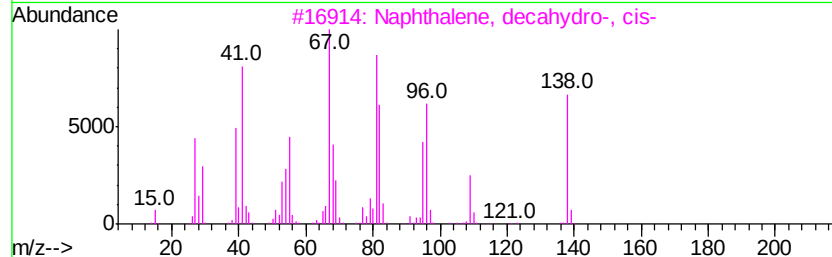
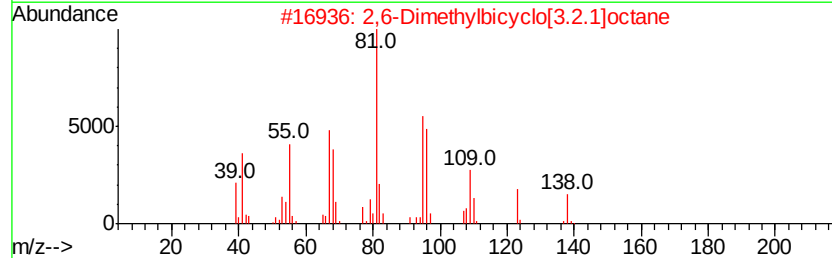
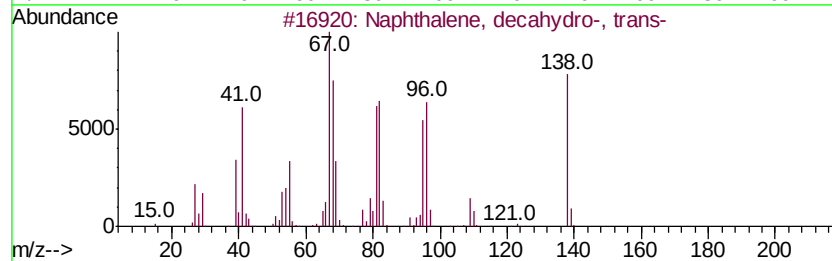
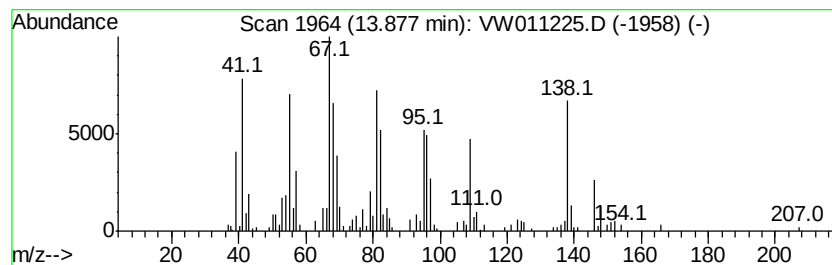
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, decahydro-, tr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	10.38 ug/l	68640	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	91
2		2,6-Dimethylbicyclo[3.2.1]octane	138	C10H18	1000215-28-2	72
3		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	70
4		Naphthalene, decahydro-	138	C10H18	000091-17-8	68
5		Cyclodecene	138	C10H18	003618-12-0	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071219\
Data File : VW011225.D
Acq On : 11 Jul 2019 13:23
Operator : SY/VA
Sample : K3757-01
Misc : 4.99G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

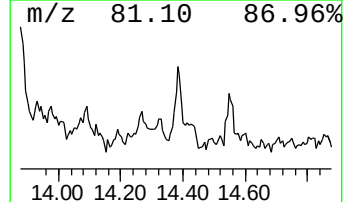
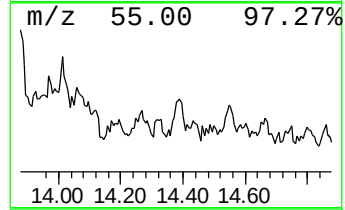
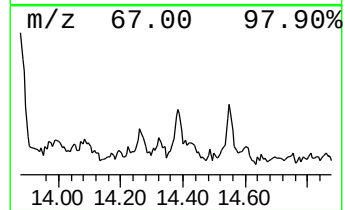
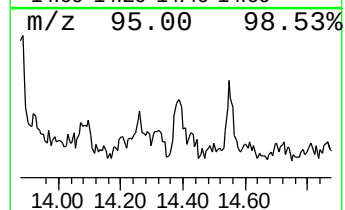
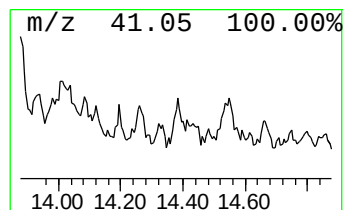
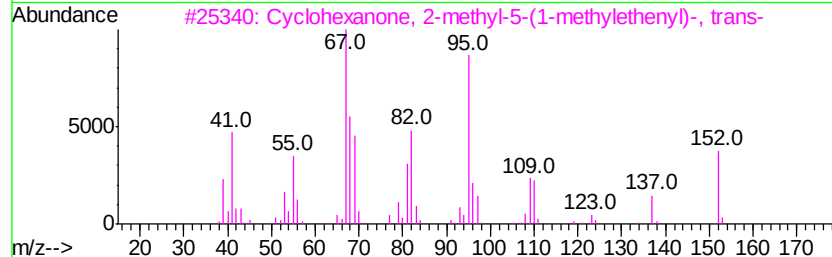
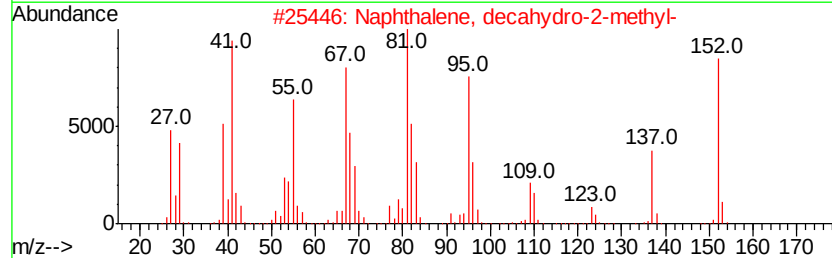
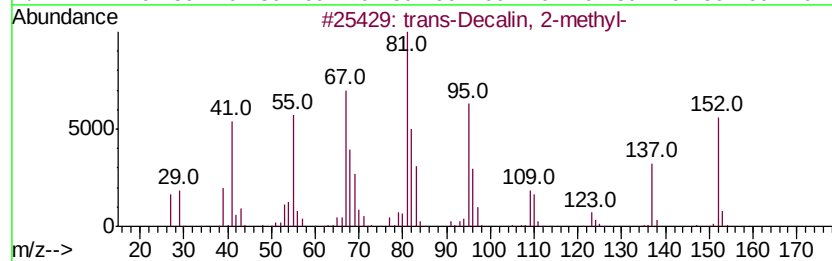
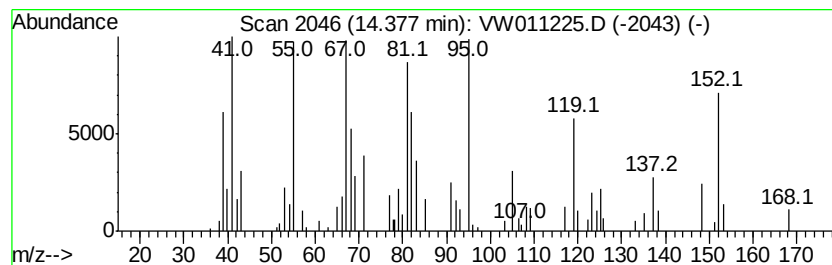
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ClientSampleId :
KY0300F002-SD-190710

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Quant Title : SW846 8260

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

Peak Number 9 trans-Decalin, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	5.43 ug/l	35898	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3	90
2	Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1	90
3	Cyclohexanone, 2-methyl-5-(1-met...	152 C10H16O	005948-04-9	83
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152 C10H16O	000464-48-2	68
5	cis-Decalin, 2-syn-methyl-	152 C11H20	1000155-85-6	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071219\
Data File : VW011225.D
Acq On : 11 Jul 2019 13:23
Operator : SY/VA
Sample : K3757-01
Misc : 4.99G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
KY0300F002-SD-190710

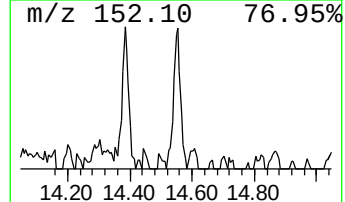
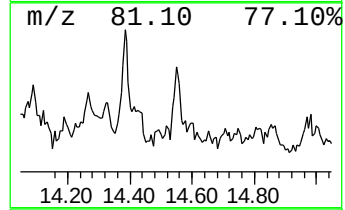
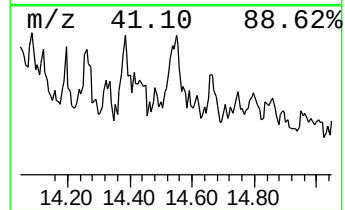
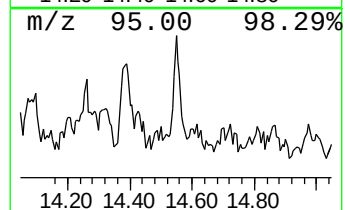
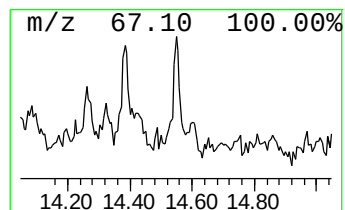
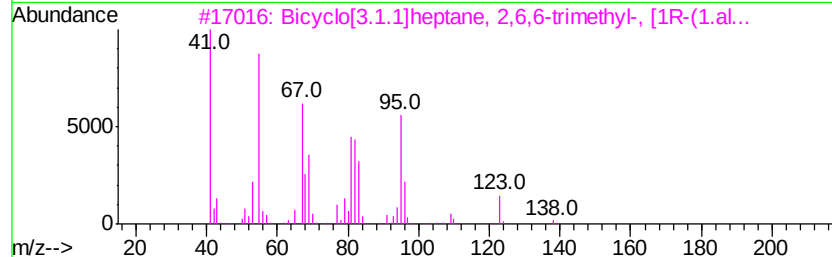
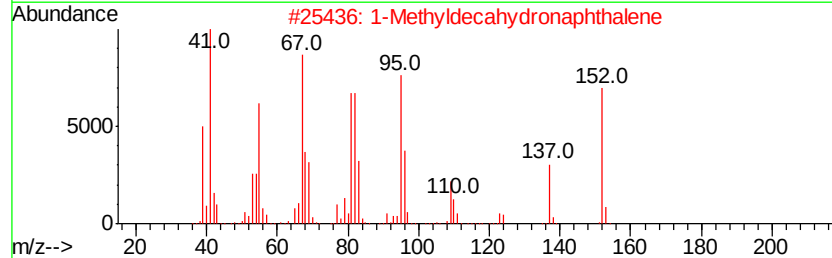
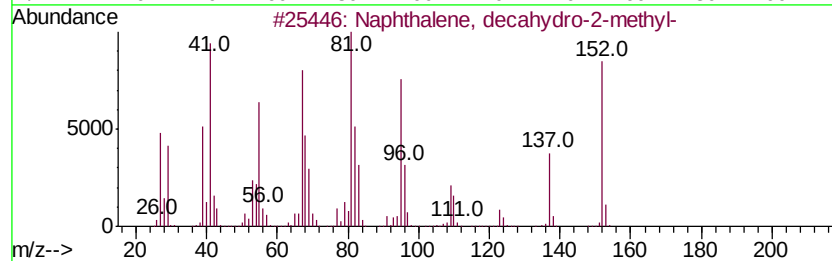
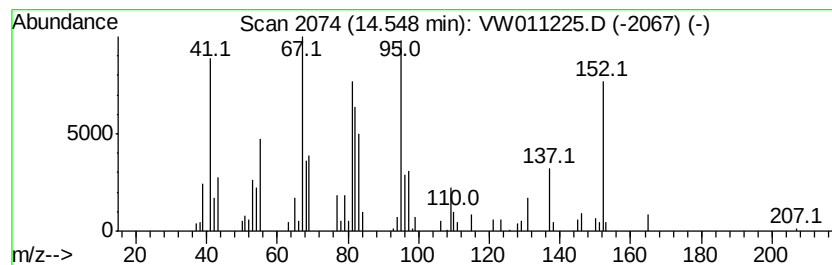
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	5.06 ug/l	33460	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	76
2		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	70
3		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	58
4		2H-Inden-2-one, octahydro-3a-met...	152	C10H16O	013351-29-6	50
5		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	45



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071219\
Data File : VW011225.D
Acq On : 11 Jul 2019 13:23
Operator : SY/VA
Sample : K3757-01
Misc : 4.99G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
KY0300F002-SD-190710

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.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
Hexane, 2,2-dimet...	8.48	7.1	ug/l	58775	2	8.84	414506	50.0
Cyclohexane, 1-pr...	12.34	8.2	ug/l	73618	3	11.63	449540	50.0
2-Methylbicyclo[3...	12.70	5.5	ug/l	36559	4	13.56	330614	50.0
2-Octene, 2,6-dim...	12.78	8.3	ug/l	54928	4	13.56	330614	50.0
unknown12.86	12.86	9.9	ug/l	65300	4	13.56	330614	50.0
unknown12.95	12.95	12.0	ug/l	79208	4	13.56	330614	50.0
unknown13.19	13.19	6.2	ug/l	41262	4	13.56	330614	50.0
Naphthalene, deca...	13.88	10.4	ug/l	68640	4	13.56	330614	50.0
trans-Decalin, 2-...	14.38	5.4	ug/l	35898	4	13.56	330614	50.0
Naphthalene, deca...	14.55	5.1	ug/l	33460	4	13.56	330614	50.0