

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010820\
 Data File : VW014555.D
 Acq On : 08 Jan 2020 12:42
 Operator : SY/VA
 Sample : K6476-04
 Misc : 7.17G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP022SB454_191227-24-26

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\82W010320S.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	34	41	45	rBV	15900	31241	1.00%	0.112%
2	4.117	356	363	372	rBV	15493	40723	1.31%	0.146%
3	4.379	394	406	417	rBV3	12453	40873	1.31%	0.146%
4	4.909	480	493	512	rBV2	33748	127036	4.07%	0.454%
5	7.128	846	857	870	rBV	49996	160401	5.14%	0.574%
6	7.878	970	980	985	rBV2	399398	965763	30.95%	3.453%
7	7.945	985	991	1000	rVB	831386	1838708	58.93%	6.575%
8	8.299	1032	1049	1060	rBV	352830	813893	26.08%	2.910%
9	8.476	1071	1078	1085	rVB2	13234	34062	1.09%	0.122%
10	8.835	1127	1137	1152	rBV	1158846	2361982	75.70%	8.446%
11	9.329	1206	1218	1223	rBV4	19405	46502	1.49%	0.166%
12	9.884	1302	1309	1314	rBV3	15950	40429	1.30%	0.145%
13	10.323	1372	1381	1389	rBV	1737821	3120331	100.00%	11.158%
14	10.701	1439	1443	1449	rVB2	30382	51409	1.65%	0.184%
15	11.061	1493	1502	1506	rBV3	28457	61310	1.96%	0.219%
16	11.176	1515	1521	1525	rBV2	23830	38308	1.23%	0.137%
17	11.225	1525	1529	1536	rVB2	26382	45356	1.45%	0.162%
18	11.432	1559	1563	1571	rVB4	33643	58421	1.87%	0.209%
19	11.512	1571	1576	1580	rBV2	26747	45201	1.45%	0.162%
20	11.628	1586	1595	1605	rBV	1391371	2437058	78.10%	8.715%
21	11.841	1620	1630	1632	rBV6	46455	112991	3.62%	0.404%
22	11.871	1632	1635	1639	rVV	48158	76767	2.46%	0.275%
23	11.914	1639	1642	1647	rVB2	37846	61734	1.98%	0.221%
24	12.054	1658	1665	1671	rVB6	23548	58211	1.87%	0.208%
25	12.140	1671	1679	1684	rBV4	98680	250034	8.01%	0.894%
26	12.249	1693	1697	1701	rVB	109549	157433	5.05%	0.563%
27	12.335	1707	1711	1713	rBV3	59730	90459	2.90%	0.323%
28	12.499	1732	1738	1742	rBV3	40066	74708	2.39%	0.267%
29	12.560	1747	1748	1751	rVB2	36047	32096	1.03%	0.115%
30	12.615	1751	1757	1765	rBV	1107667	1817116	58.23%	6.498%
31	12.694	1766	1770	1775	rBV4	34573	64845	2.08%	0.232%
32	12.780	1775	1784	1790	rVB5	168352	370439	11.87%	1.325%
33	12.853	1790	1796	1801	rBV5	66259	177624	5.69%	0.635%
34	12.938	1803	1810	1815	rVV4	180272	391556	12.55%	1.400%

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Integration Parameters: RTEINT.P

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35	12.993	1815	1819	1824	rVB4	80736	129729	4.16%	0.464%
36	13.079	1828	1833	1836	rBV3	70561	104959	3.36%	0.375%
37	13.121	1836	1840	1843	rBV4	35730	52465	1.68%	0.188%
38	13.164	1843	1847	1859	rVB6	99104	275092	8.82%	0.984%
39	13.255	1859	1862	1864	rBV3	41112	54391	1.74%	0.194%
40	13.292	1865	1868	1871	rVV3	69659	95434	3.06%	0.341%
41	13.341	1872	1876	1877	rVV3	65249	91263	2.92%	0.326%
42	13.377	1879	1882	1886	rVV2	112129	181925	5.83%	0.651%
43	13.444	1887	1893	1897	rVV	236739	472953	15.16%	1.691%
44	13.481	1897	1899	1904	rVV4	73122	111874	3.59%	0.400%
45	13.554	1905	1911	1920	rVB	1176643	1997613	64.02%	7.143%
46	13.713	1931	1937	1947	rVB5	95964	288666	9.25%	1.032%
47	13.822	1947	1955	1958	rBV2	116562	246532	7.90%	0.882%
48	13.877	1958	1964	1968	rBV	441895	746448	23.92%	2.669%
49	13.975	1976	1980	1983	rBV4	67230	115557	3.70%	0.413%
50	14.005	1983	1985	1989	rVB2	57866	74398	2.38%	0.266%
51	14.091	1989	1999	2011	rVB6	200114	617732	19.80%	2.209%
52	14.200	2011	2017	2022	rBV6	120709	279377	8.95%	0.999%
53	14.261	2022	2027	2033	rBV4	226021	429878	13.78%	1.537%
54	14.341	2033	2040	2043	rBV5	63501	158889	5.09%	0.568%
55	14.414	2043	2052	2061	rVB	878073	2024021	64.87%	7.238%
56	14.517	2061	2069	2073	rBV3	271142	770754	24.70%	2.756%
57	14.639	2087	2089	2093	rVB	27645	36721	1.18%	0.131%
58	14.700	2095	2099	2101	rVV5	39304	66578	2.13%	0.238%
59	14.731	2102	2104	2109	rVV5	68504	95461	3.06%	0.341%
60	14.786	2109	2113	2121	rVV3	109327	221145	7.09%	0.791%
61	14.853	2121	2124	2129	rVV2	96650	149451	4.79%	0.534%
62	15.005	2143	2149	2154	rBV2	209088	372104	11.93%	1.331%
63	15.066	2154	2159	2164	rBV3	168304	285285	9.14%	1.020%
64	15.127	2166	2169	2172	rBV2	68549	90219	2.89%	0.323%
65	15.267	2189	2192	2196	rVB3	65480	107303	3.44%	0.384%
66	15.328	2198	2202	2209	rVB4	68779	146138	4.68%	0.523%
67	15.414	2210	2216	2224	rBV3	124627	396488	12.71%	1.418%
68	15.633	2247	2252	2253	rBV4	40502	63330	2.03%	0.226%
69	15.731	2265	2268	2276	rVB7	34724	68310	2.19%	0.244%
70	15.859	2287	2289	2293	rVB3	26650	31671	1.01%	0.113%
71	16.023	2312	2316	2326	rVB6	69476	139974	4.49%	0.501%

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Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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72	16.468	2380	2389	2394	rBV6	87812	280276	8.98%	1.002%
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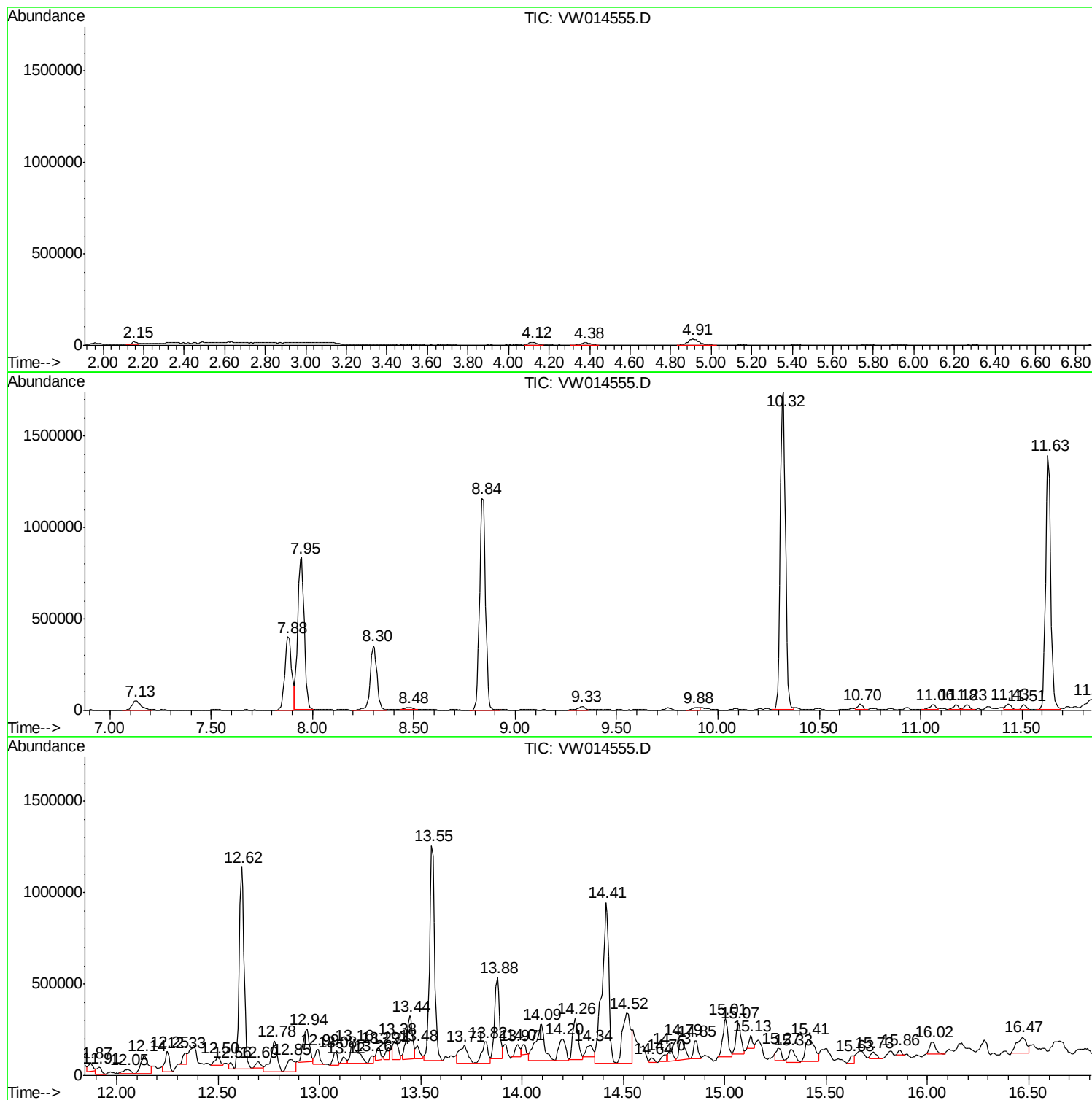
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260

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



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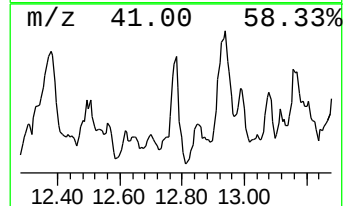
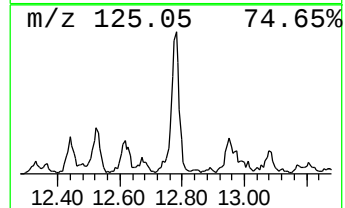
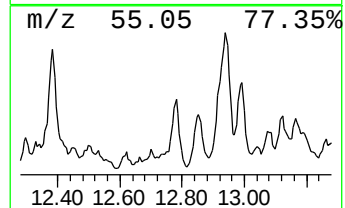
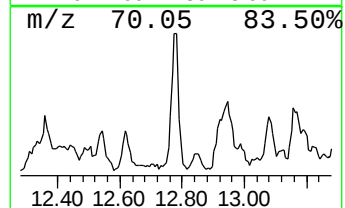
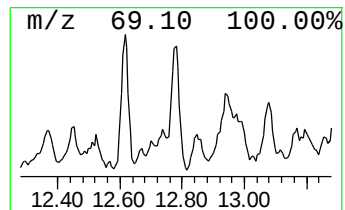
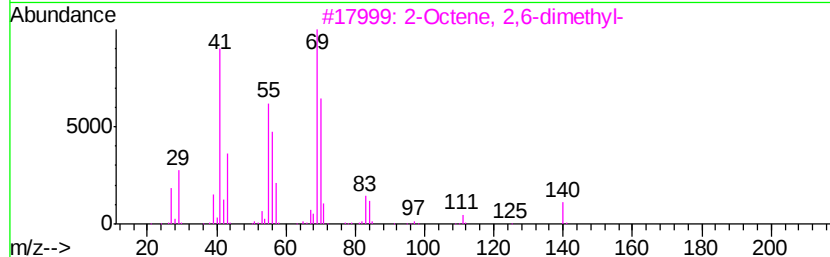
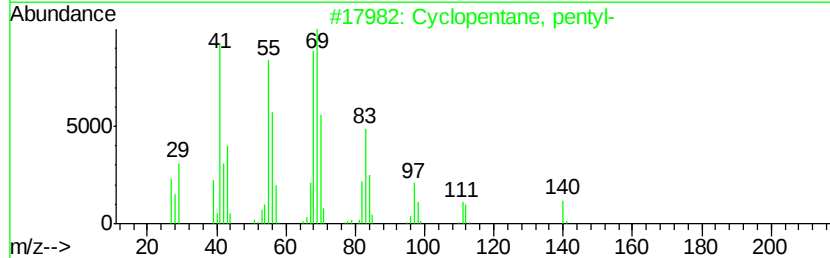
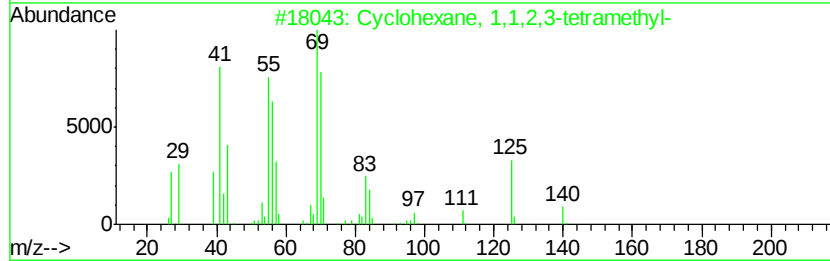
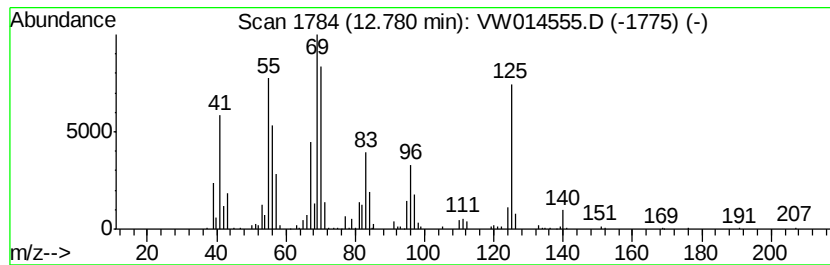
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	9.27 ug/l	370439	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 60
2		Cyclopentane, pentyl-	140 C10H20	003741-00-2 49
3		2-Octene, 2,6-dimethyl-	140 C10H20	004057-42-5 49
4		trans-3-Decene	140 C10H20	019150-21-1 38
5		Ketone, vinyl-pyrrolidinyl-	125 C7H11NO	042104-70-1 38



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ALS Vial : 7 Sample Multiplier: 1

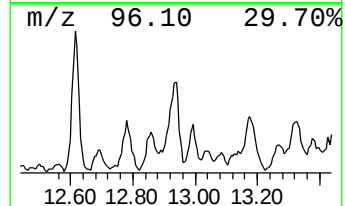
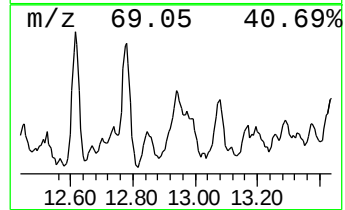
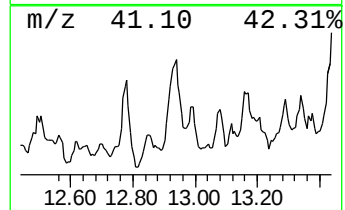
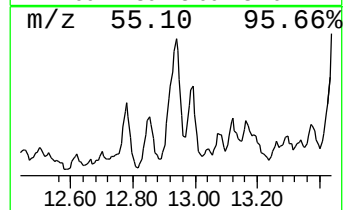
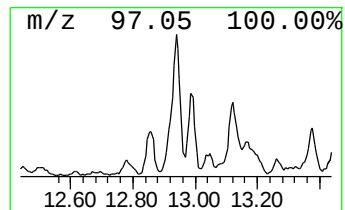
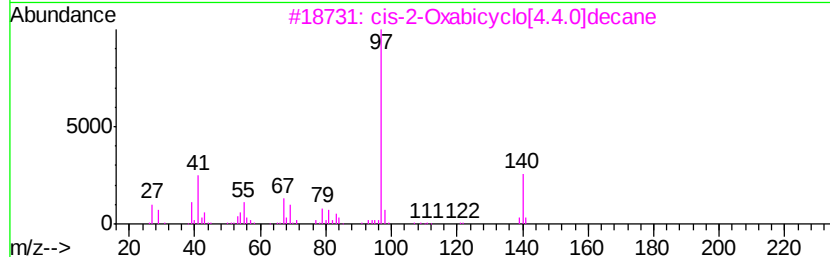
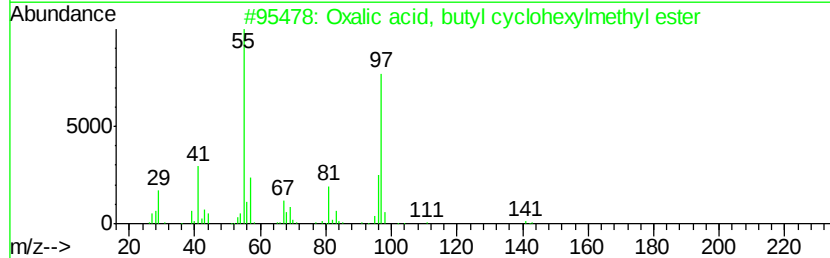
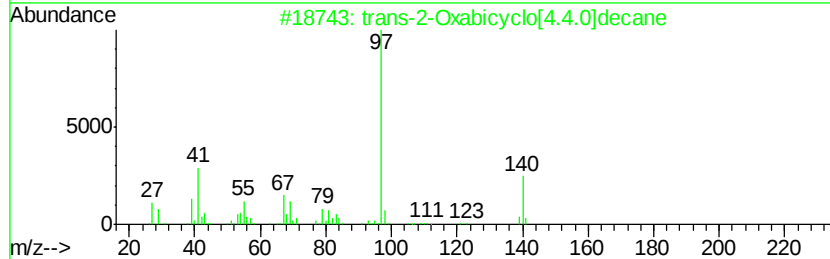
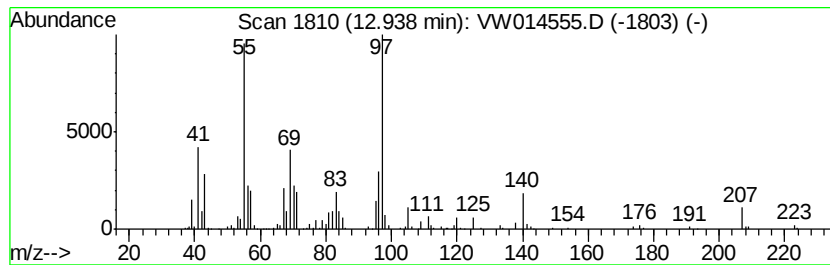
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown12.94 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	9.80 ug/l	391556	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	trans-2-Oxabicyclo[4.4.0]decane	140 C9H160	059958-46-2	43
2	Oxalic acid, butyl cyclohexylmet...	242 C13H22O4	1000309-68-2	43
3	cis-2-Oxabicyclo[4.4.0]decane	140 C9H160	060416-19-5	43
4	Cyclohexane, 1,1-dimethyl-	112 C8H16	000590-66-9	38
5	Ethanone, 1-(3,4-dihydro-6-methy...	140 C8H12O2	028450-02-4	38



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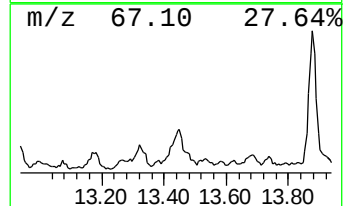
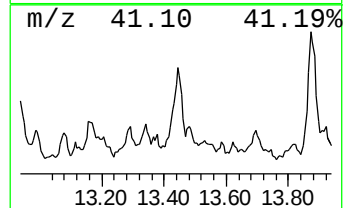
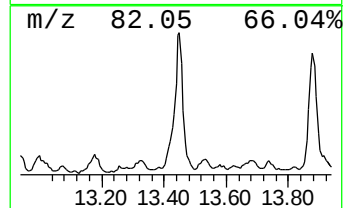
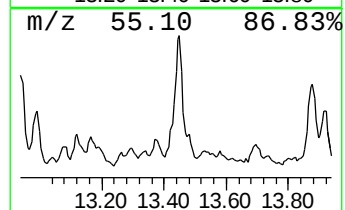
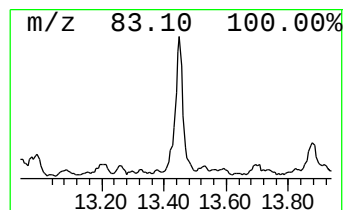
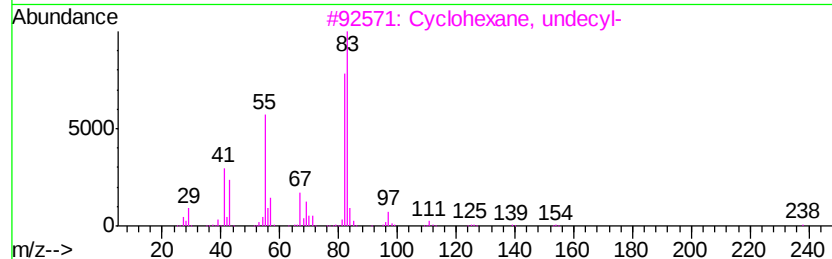
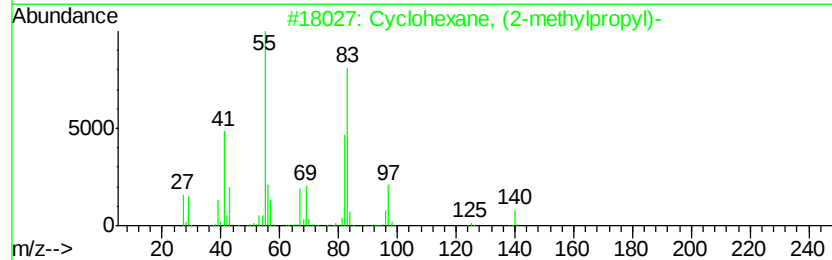
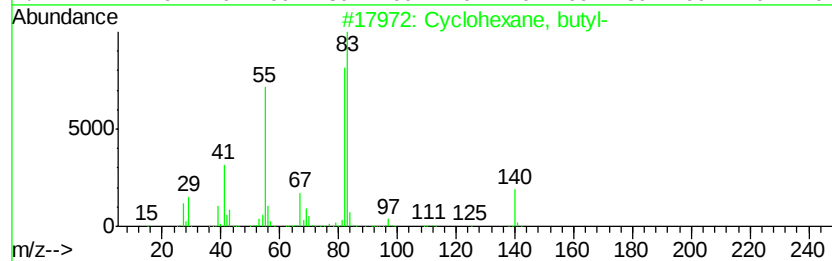
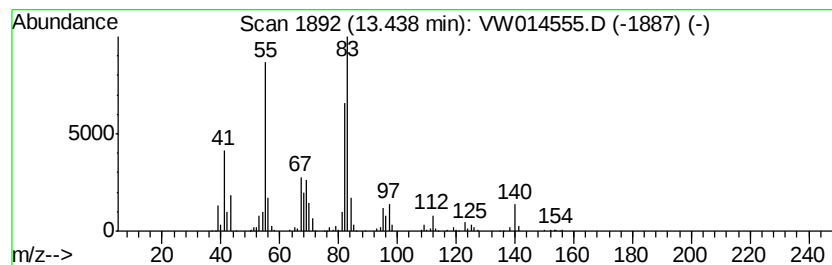
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Quant Title : SW846 8260

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

Peak Number 3 Cyclohexane, butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	11.84 ug/l	472953	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
2		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
3		Cyclohexane, undecyl-	238	C17H34	054105-66-7	80
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	76
5		Cyclohexane, octyl-	196	C14H28	001795-15-9	72



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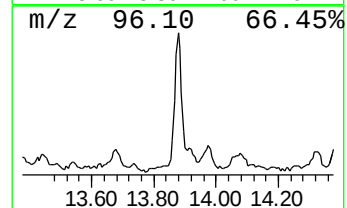
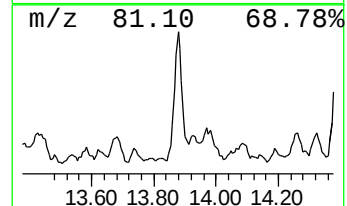
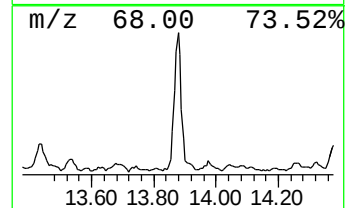
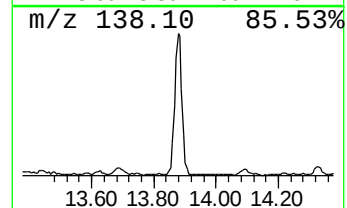
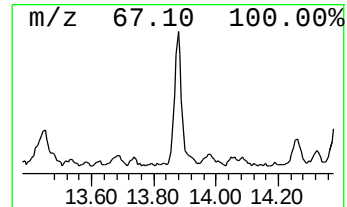
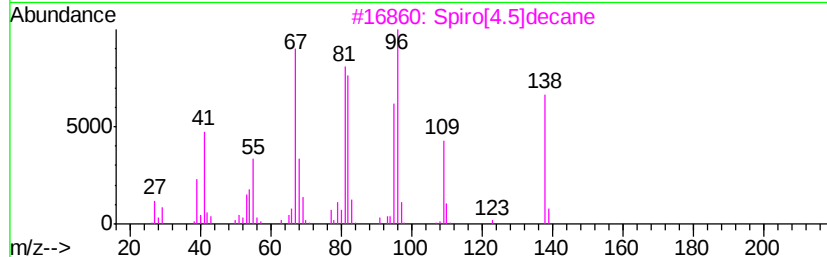
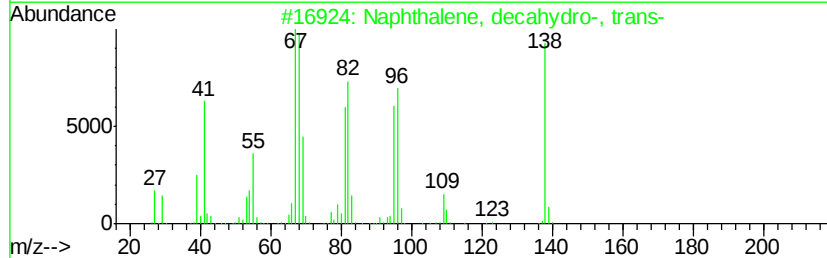
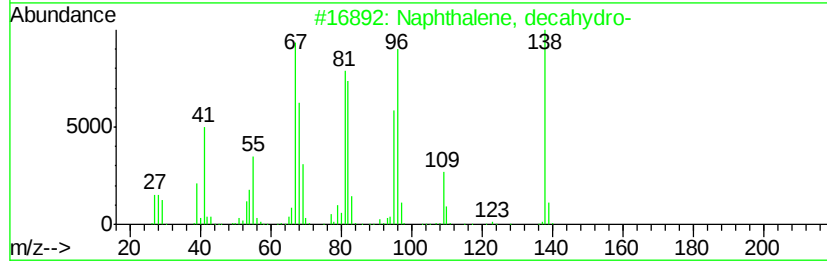
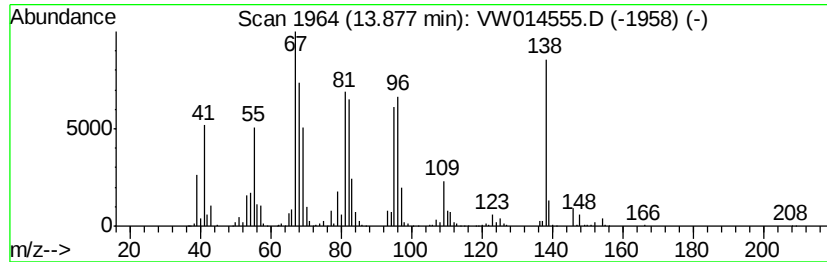
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Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, decahydro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	18.68 ug/l	746448	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-	138	C10H18	000091-17-8	95
2		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
3		Spiro[4.5]decane	138	C10H18	000176-63-6	76
4		Cyclohexene, 1-methyl-4-(1-methy...	138	C10H18	001195-31-9	76
5		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010820\
Data File : VW014555.D
Acq On : 08 Jan 2020 12:42
Operator : SY/VA
Sample : K6476-04
Misc : 7.17G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP022SB454_191227-24-26

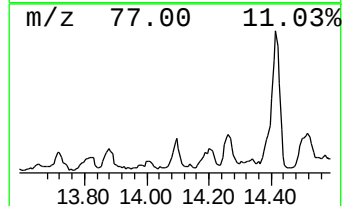
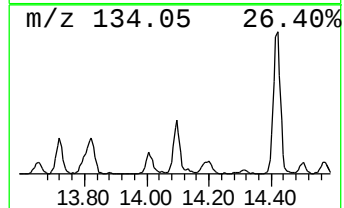
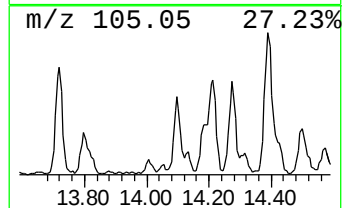
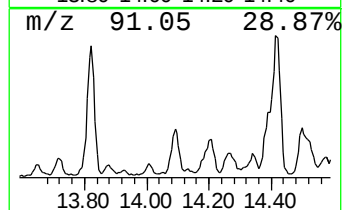
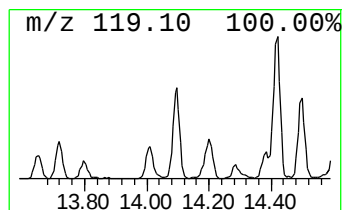
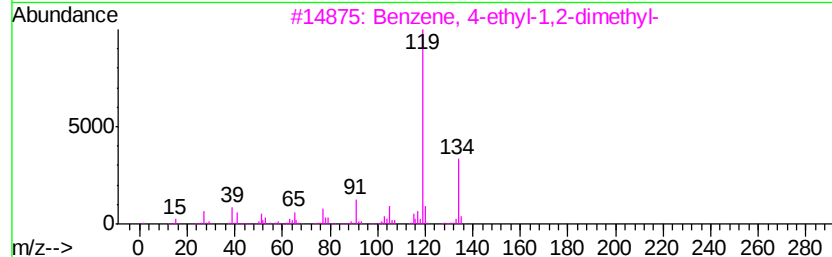
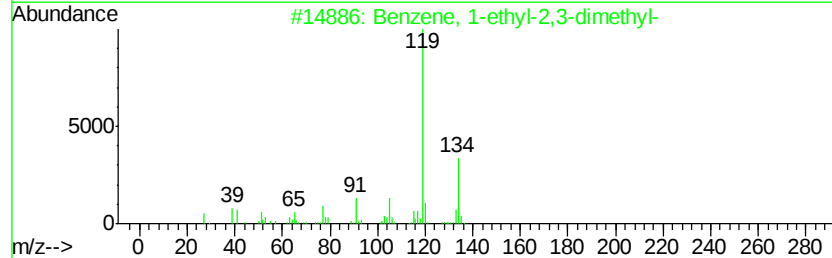
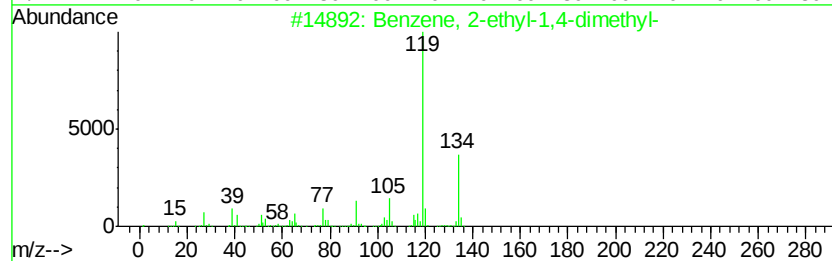
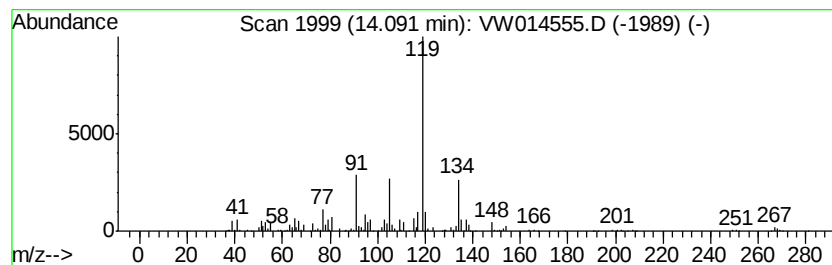
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	15.46 ug/l	617732	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81
4		p-Cymene	134	C10H14	000099-87-6	76
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010820\
Data File : VW014555.D
Acq On : 08 Jan 2020 12:42
Operator : SY/VA
Sample : K6476-04
Misc : 7.17G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

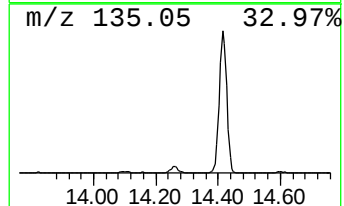
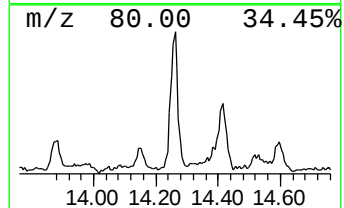
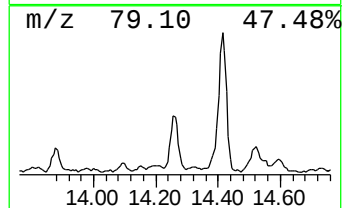
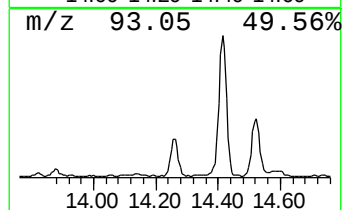
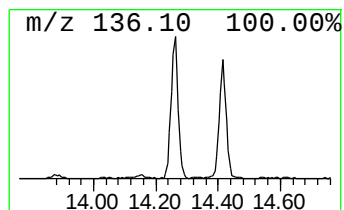
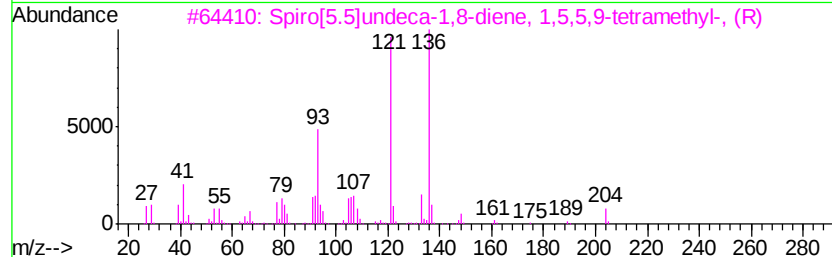
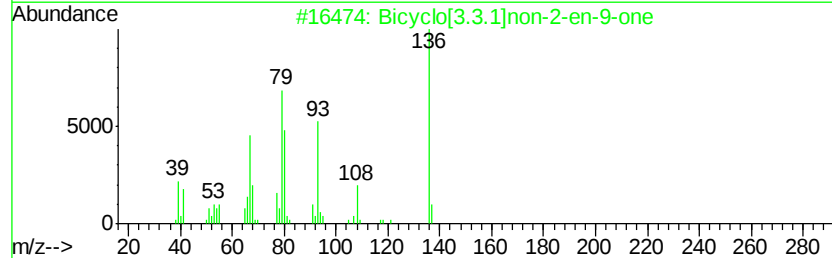
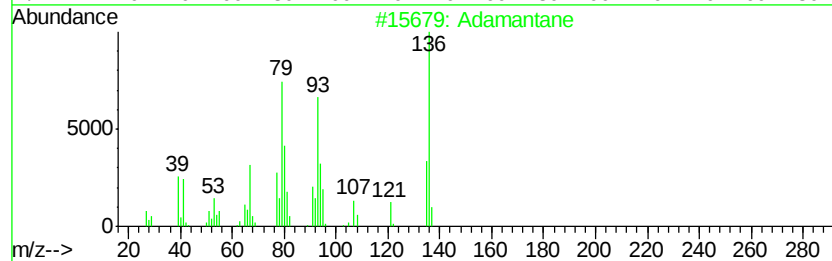
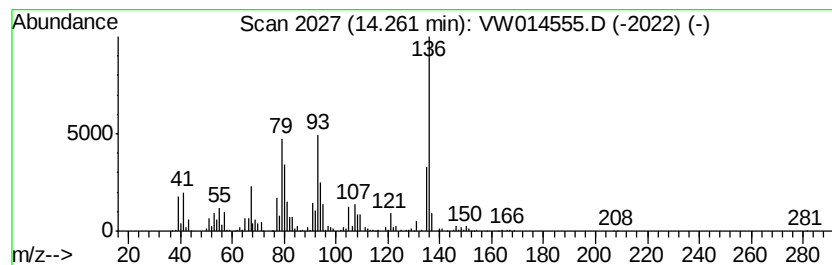
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MSVOA_W
ClientSampleId :
WP022SB454_191227-24-26

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260

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

Peak Number 6 Adamantane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	10.76 ug/l	429878	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Adamantane	136 C10H16	000281-23-2	98
2	Bicyclo[3.3.1]non-2-en-9-one	136 C9H12O	004844-11-5	64
3	Spiro[5.5]undeca-1,8-diene, 1,5,...	204 C15H24	019912-83-5	47
4	5-Methylene-1,3a,4,5,6,6a-hexahy...	136 C9H12O	1000193-00-3	47
5	1,4-Benzenediamine, N,N-dimethyl-	136 C8H12N2	000099-98-9	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010820\
Data File : VW014555.D
Acq On : 08 Jan 2020 12:42
Operator : SY/VA
Sample : K6476-04
Misc : 7.17G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP022SB454_191227-24-26

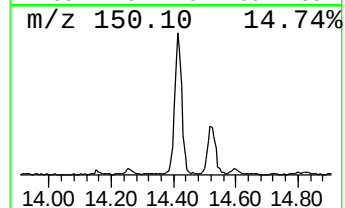
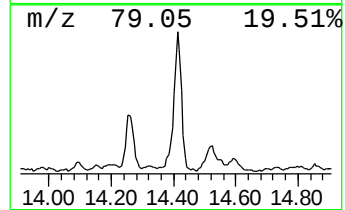
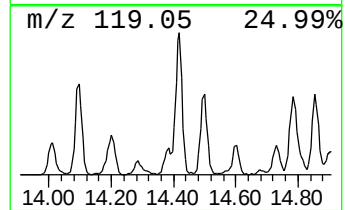
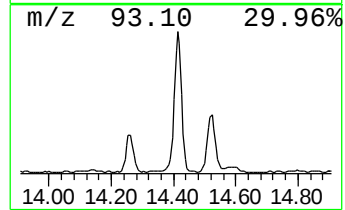
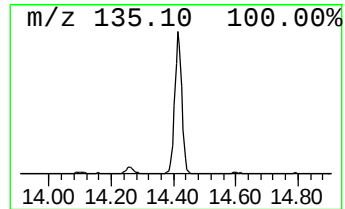
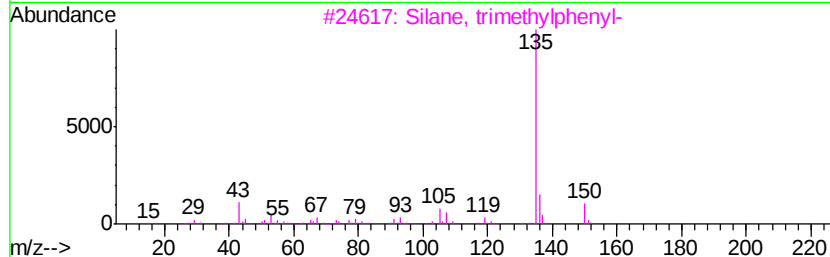
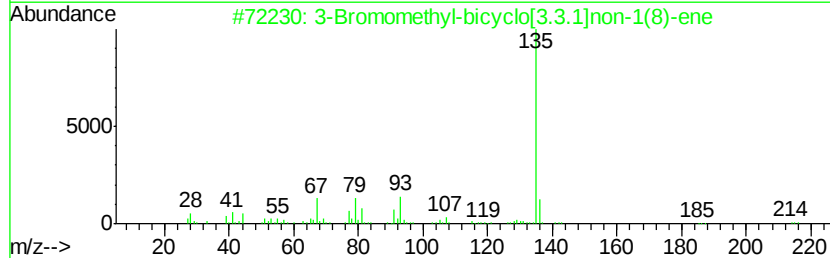
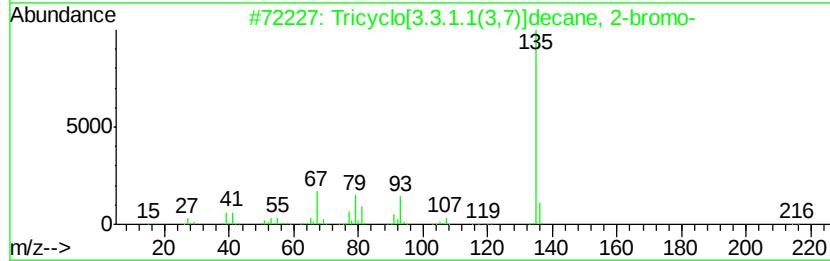
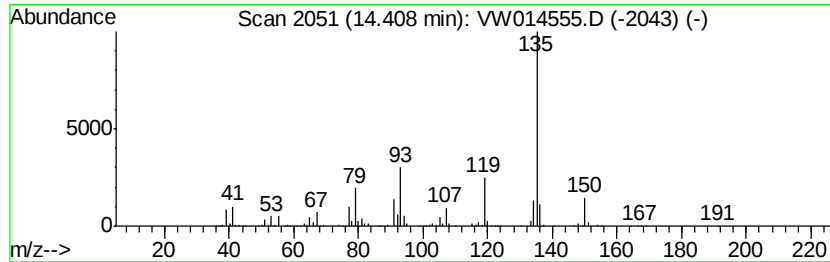
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Quant Title : SW846 8260

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

Peak Number 7 Tricyclo[3.3.1.1(3,7)]decan... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	50.66 ug/l	2024020	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tricyclo[3.3.1.1(3,7)]decane, 2-...	214	C10H15Br	007314-85-4	58
2		3-Bromomethyl-bicyclo[3.3.1]non-...	214	C10H15Br	1000192-96-6	53
3		Silane, trimethylphenyl-	150	C9H14Si	000768-32-1	52
4		Heptafluorobutanoic acid, 1-adam...	362	C15H17F7O2	1000282-96-9	50
5		Thymol	150	C10H14O	000089-83-8	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010820\
Data File : VW014555.D
Acq On : 08 Jan 2020 12:42
Operator : SY/VA
Sample : K6476-04
Misc : 7.17G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP022SB454_191227-24-26

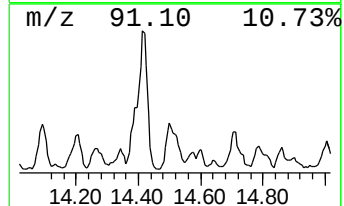
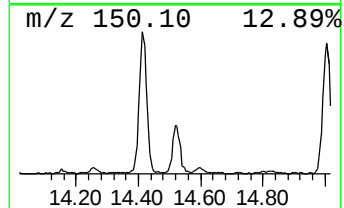
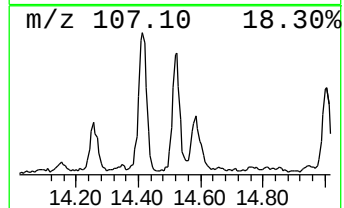
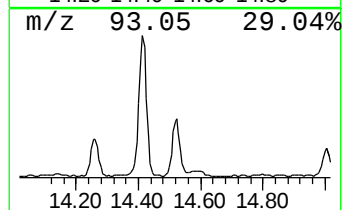
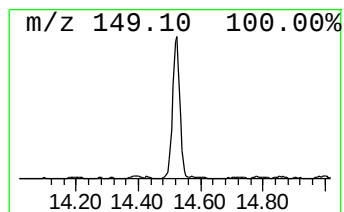
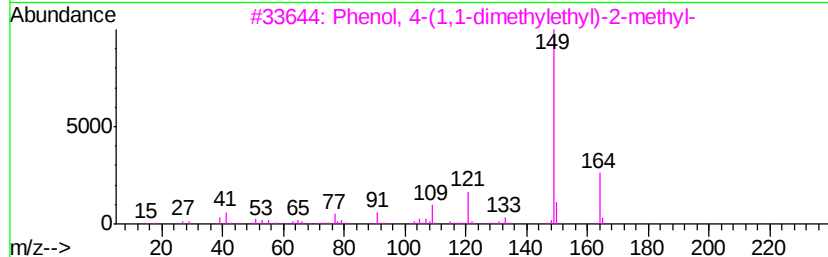
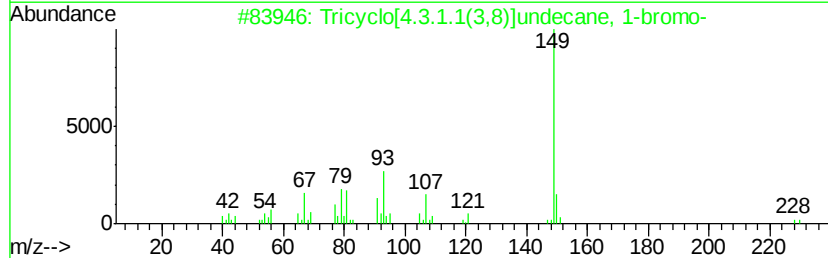
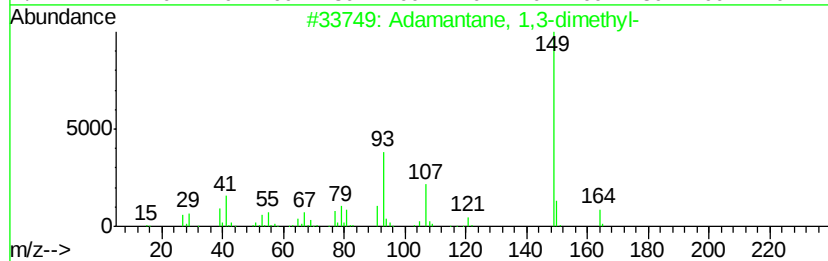
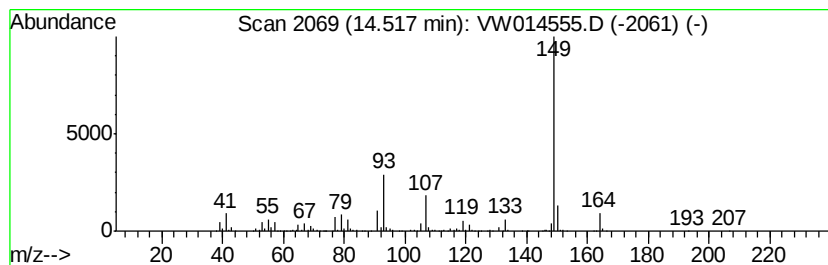
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Quant Title : SW846 8260

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

Peak Number 8 Adamantane, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	19.29 ug/l	770754	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	86
2		Tricyclo[4.3.1.1(3,8)]undecane, ...	228	C11H17Br	021898-96-4	56
3		Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	53
4		o-Toluic acid, 1-adamantylmethyl...	284	C19H24O2	1000292-22-6	42
5		Silane, 1,3-heptadiynyltrimethyl-	164	C10H16Si	019024-47-6	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010820\
Data File : VW014555.D
Acq On : 08 Jan 2020 12:42
Operator : SY/VA
Sample : K6476-04
Misc : 7.17G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP022SB454_191227-24-26

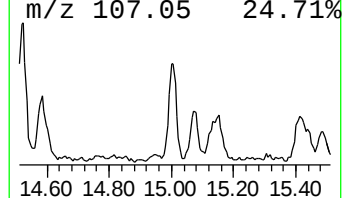
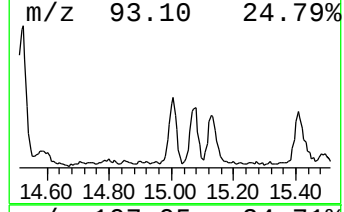
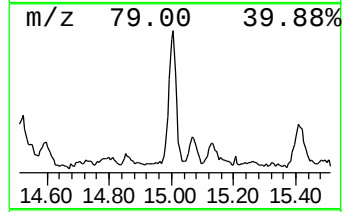
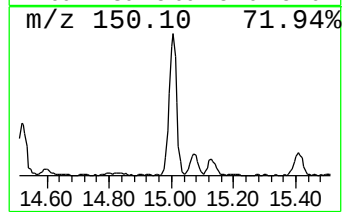
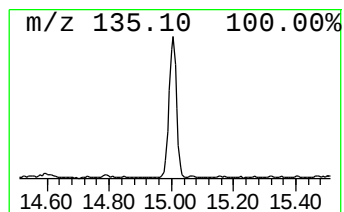
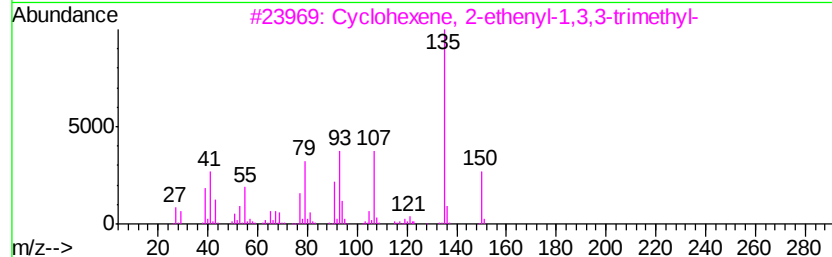
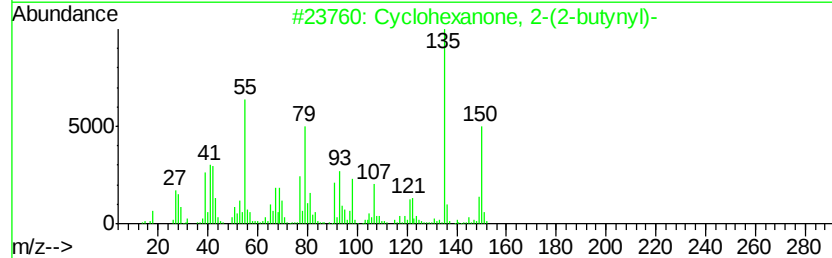
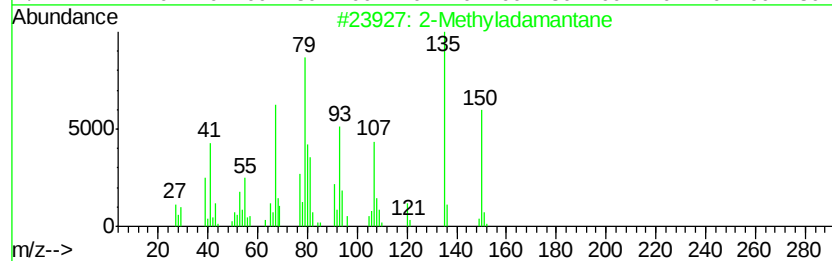
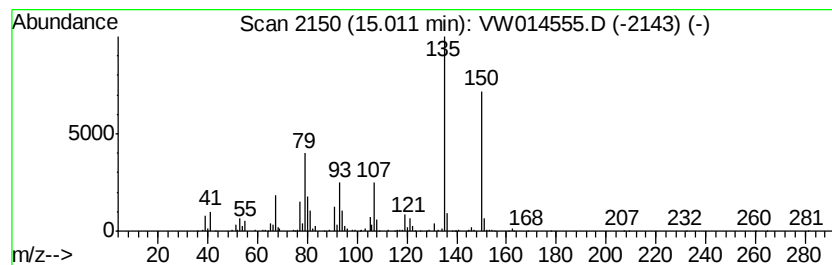
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Quant Title : SW846 8260

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

Peak Number 9 2-Methyladamantane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	9.31 ug/l	372104	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methyladamantane	150	C11H18	000700-56-1	94
2		Cyclohexanone, 2-(2-butyryl)-	150	C10H14O	054166-48-2	83
3		Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	83
4		1-Bromoadamantane	214	C10H15Br	000768-90-1	50
5		p-Cymen-7-ol	150	C10H14O	000536-60-7	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010820\
Data File : VW014555.D
Acq On : 08 Jan 2020 12:42
Operator : SY/VA
Sample : K6476-04
Misc : 7.17G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

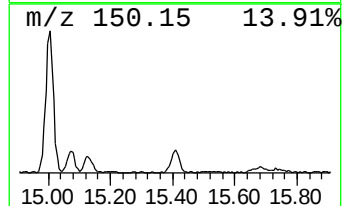
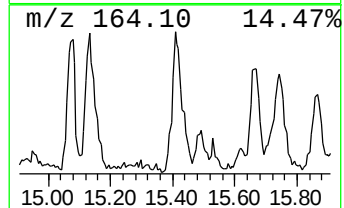
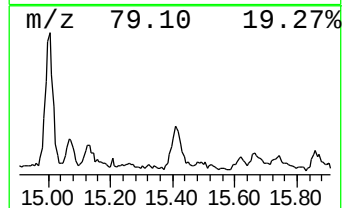
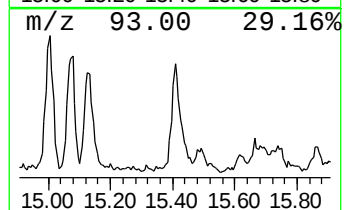
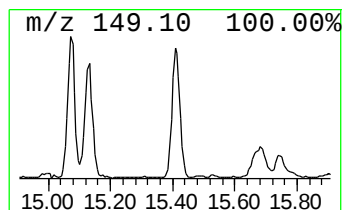
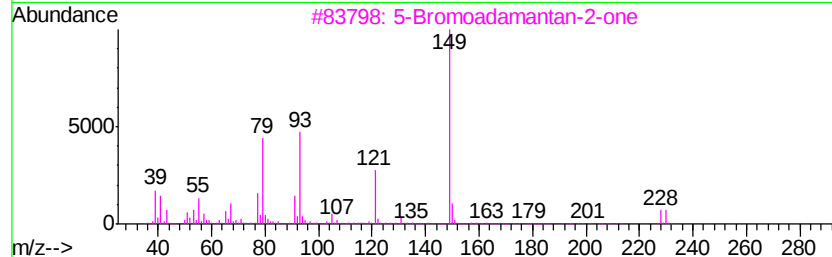
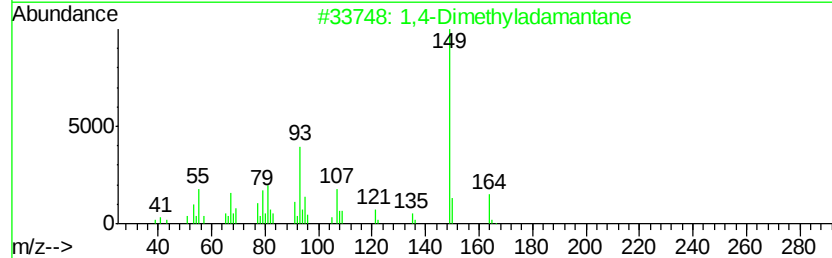
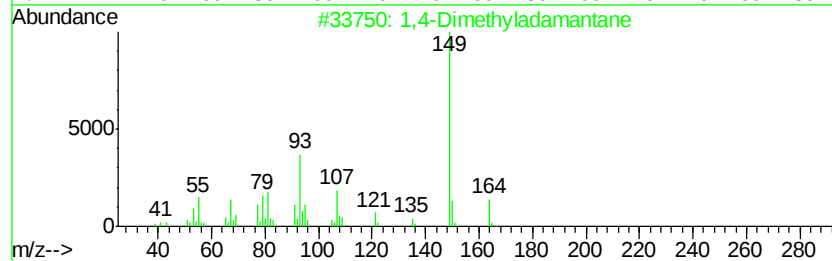
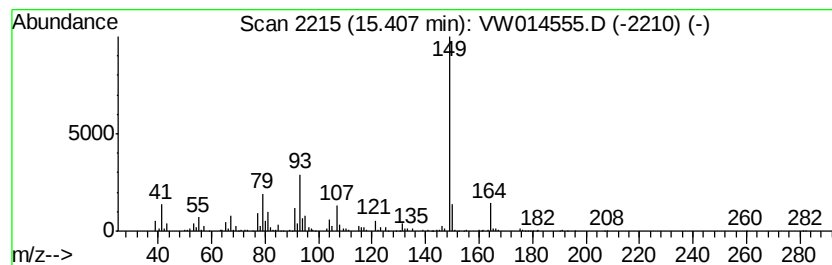
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ClientSampleId :
WP022SB454_191227-24-26

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260

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

Peak Number 10 1,4-Dimethyladamantane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	9.92 ug/l	396488	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,4-Dimethyladamantane	164 C12H20	024145-89-9	81
2	1,4-Dimethyladamantane	164 C12H20	024145-88-8	72
3	5-Bromoadamantan-2-one	228 C10H13BrO	020098-20-8	53
4	Pyridine, pentamethyl-	149 C10H15N	003748-83-2	53
5	Phthalic acid, phenyl propyl ester	284 C17H16O4	1000314-86-9	50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010820\
Data File : VW014555.D
Acq On : 08 Jan 2020 12:42
Operator : SY/VA
Sample : K6476-04
Misc : 7.17G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP022SB454_191227-24-26

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.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	9.3	ug/l	370439	4	13.56	1997610	50.0
unknown12.94	12.94	9.8	ug/l	391556	4	13.56	1997610	50.0
Cyclohexane, butyl-	13.44	11.8	ug/l	472953	4	13.56	1997610	50.0
Naphthalene, deca...	13.88	18.7	ug/l	746448	4	13.56	1997610	50.0
Benzene, 2-ethyl-...	14.09	15.5	ug/l	617732	4	13.56	1997610	50.0
Adamantane	14.26	10.8	ug/l	429878	4	13.56	1997610	50.0
Tricyclo[3.3.1.1(...	14.41	50.7	ug/l	2024020	4	13.56	1997610	50.0
Adamantane, 1,3-d...	14.52	19.3	ug/l	770754	4	13.56	1997610	50.0
2-Methyladamantane	15.01	9.3	ug/l	372104	4	13.56	1997610	50.0
1,4-Dimethyladama...	15.41	9.9	ug/l	396488	4	13.56	1997610	50.0