

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031919\
 Data File : VW009264.D
 Acq On : 20 Mar 2019 03:46
 Operator : SY/VA
 Sample : K1984-01
 Misc : 4.79G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12(7-8)

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\82W031919S.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	7.696	930	950	971	rBV2	235280	895786	1.03%	0.096%
2	7.946	985	991	998	rVB2	495135	1064696	1.22%	0.115%
3	8.031	998	1005	1020	rVB	349554	973746	1.12%	0.105%
4	8.220	1020	1036	1046	rBV	1880391	5601314	6.42%	0.603%
5	8.427	1060	1070	1076	rBV3	409527	1143868	1.31%	0.123%
6	8.567	1087	1093	1108	rVB	844374	2155108	2.47%	0.232%
7	8.842	1128	1138	1148	rBV	642482	1305571	1.50%	0.140%
8	9.299	1202	1213	1223	rBV3	3237683	9917134	11.36%	1.067%
9	9.384	1223	1227	1235	rVV	633684	1414209	1.62%	0.152%
10	9.470	1235	1241	1253	rVV	419455	1168268	1.34%	0.126%
11	9.604	1253	1263	1274	rVB2	490332	1565011	1.79%	0.168%
12	9.756	1280	1288	1298	rBV2	831726	1998312	2.29%	0.215%
13	9.896	1305	1311	1316	rBV	993467	1912393	2.19%	0.206%
14	10.079	1333	1341	1357	rBV3	3945509	11889328	13.62%	1.279%
15	10.213	1357	1363	1374	rVB3	1677562	4464484	5.11%	0.480%
16	10.323	1374	1381	1385	rBV	4321195	8779911	10.06%	0.945%
17	10.494	1401	1409	1420	rVB	17220676	36588449	41.91%	3.937%
18	10.597	1420	1426	1428	rBV2	1184691	2316037	2.65%	0.249%
19	10.665	1432	1437	1445	rVB	3180444	6359235	7.28%	0.684%
20	10.768	1445	1454	1458	rBV3	3090500	8471482	9.70%	0.912%
21	10.811	1458	1461	1465	rVB2	1503026	2314915	2.65%	0.249%
22	10.933	1471	1481	1489	rVB3	2911412	9129000	10.46%	0.982%
23	11.036	1489	1498	1506	rBV3	1796411	6732611	7.71%	0.724%
24	11.116	1506	1511	1513	rVV	1772155	3070653	3.52%	0.330%
25	11.146	1513	1516	1518	rVV3	2317028	3819834	4.38%	0.411%
26	11.177	1518	1521	1524	rVV2	2599923	4390851	5.03%	0.472%
27	11.238	1524	1531	1536	rVV	44840232	87295806	100.00%	9.393%
28	11.286	1536	1539	1545	rVV	14260458	26069325	29.86%	2.805%
29	11.341	1545	1548	1551	rVV3	1831349	3459593	3.96%	0.372%
30	11.378	1551	1554	1559	rVB3	1963114	3481733	3.99%	0.375%
31	11.439	1559	1564	1572	rVB	2270121	4854059	5.56%	0.522%
32	11.512	1572	1576	1580	rBV2	629634	1154701	1.32%	0.124%
33	11.628	1588	1595	1599	rBV3	2457817	5492537	6.29%	0.591%
34	11.725	1607	1611	1614	rBV	2947489	3987689	4.57%	0.429%

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35	11.768	1614	1618	1622	rVB	4098317	5941384	6.81%	0.639%
36	11.823	1622	1627	1632	rBV	8229606	15646386	17.92%	1.684%
37	11.896	1632	1639	1647	rVB5	11525746	34089765	39.05%	3.668%
38	11.975	1647	1652	1654	rBV5	1247447	2246232	2.57%	0.242%
39	12.042	1654	1663	1670	rBV2	9332739	20198900	23.14%	2.173%
40	12.134	1670	1678	1685	rBV3	17977144	42636770	48.84%	4.588%
41	12.201	1685	1689	1691	rBV	8105348	12380339	14.18%	1.332%
42	12.311	1701	1707	1708	rBV2	9312287	15166520	17.37%	1.632%
43	12.341	1709	1712	1723	rVB7	12019989	30592229	35.04%	3.292%
44	12.445	1723	1729	1734	rBV3	11344071	22791652	26.11%	2.452%
45	12.530	1739	1743	1747	rVV	13111603	19104476	21.88%	2.056%
46	12.622	1753	1758	1763	rVB3	7499241	12875311	14.75%	1.385%
47	12.701	1763	1771	1777	rBV6	8150611	23567761	27.00%	2.536%
48	12.786	1778	1785	1792	rVB2	22775871	45885830	52.56%	4.937%
49	12.865	1792	1798	1806	rBV4	13602565	35189640	40.31%	3.787%
50	12.951	1806	1812	1815	rBV5	8844206	20877996	23.92%	2.247%
51	13.085	1830	1834	1839	rVB3	6976117	12186862	13.96%	1.311%
52	13.176	1839	1849	1851	rBV3	8726446	19684415	22.55%	2.118%
53	13.268	1860	1864	1866	rBV2	3560357	5257599	6.02%	0.566%
54	13.304	1867	1870	1872	rBV3	2845210	3855493	4.42%	0.415%
55	13.384	1879	1883	1887	rBV3	3446264	5534335	6.34%	0.596%
56	13.451	1887	1894	1897	rVV4	4554059	10498765	12.03%	1.130%
57	13.481	1897	1899	1904	rVB2	4406288	5070653	5.81%	0.546%
58	13.585	1913	1916	1920	rVB4	2416173	3167229	3.63%	0.341%
59	13.627	1920	1923	1929	rBV3	2035095	3904030	4.47%	0.420%
60	13.743	1939	1942	1949	rVB3	3321422	5505084	6.31%	0.592%
61	13.883	1958	1965	1971	rBV	25839955	46489826	53.26%	5.002%
62	13.987	1979	1982	1983	rBV3	1741984	2008751	2.30%	0.216%
63	14.103	1996	2001	2009	rVB2	10722596	22126474	25.35%	2.381%
64	14.201	2013	2017	2022	rVB6	1737664	2680755	3.07%	0.288%
65	14.274	2024	2029	2034	rVB4	4111215	7524672	8.62%	0.810%
66	14.329	2034	2038	2043	rBV4	2615711	4755125	5.45%	0.512%
67	14.389	2043	2048	2051	rBV2	16845033	26696919	30.58%	2.873%
68	14.426	2051	2054	2063	rVB4	7463037	13453494	15.41%	1.448%
69	14.554	2068	2075	2081	rBV5	10424785	22903584	26.24%	2.464%
70	14.707	2097	2100	2102	rBV3	1217984	1470867	1.68%	0.158%
71	14.743	2103	2106	2110	rVB4	2280787	3115234	3.57%	0.335%

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Integration Parameters: RTEINT.P

Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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72	14.804	2111	2116	2120	rBV5	4732821	10273280	11.77%	1.105%
73	14.859	2121	2125	2130	rVB4	8230740	14275956	16.35%	1.536%
74	14.908	2130	2133	2141	rVB5	2539579	4701307	5.39%	0.506%
75	14.981	2141	2145	2147	rBV2	2467507	3552392	4.07%	0.382%
76	15.182	2173	2178	2183	rVB7	2513187	4976533	5.70%	0.535%
77	15.273	2189	2193	2199	rVB6	3926973	7501267	8.59%	0.807%
78	15.334	2199	2203	2209	rVB	4464622	7584046	8.69%	0.816%
79	15.414	2210	2216	2221	rBV5	3401497	9033374	10.35%	0.972%
80	16.298	2358	2361	2369	rVB4	1639103	3154128	3.61%	0.339%
81	16.377	2370	2374	2380	rVB3	1069673	1969225	2.26%	0.212%

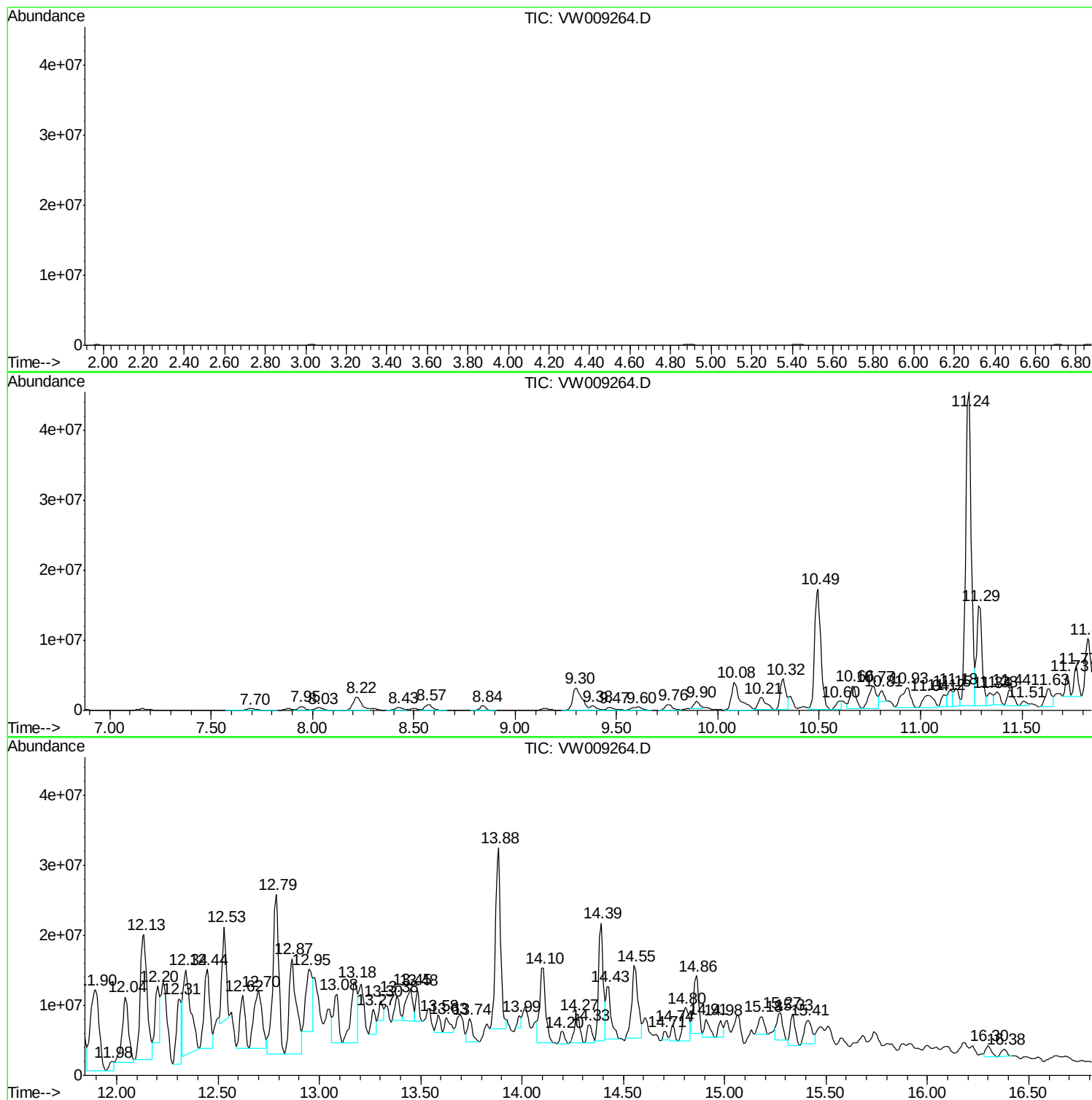
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
Quant Title : SW846 8260

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



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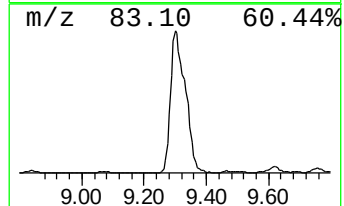
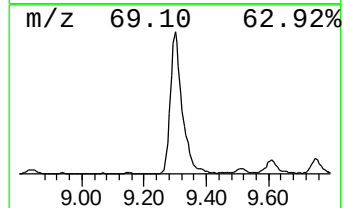
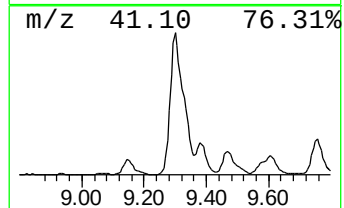
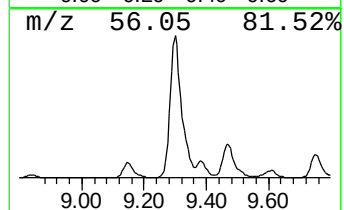
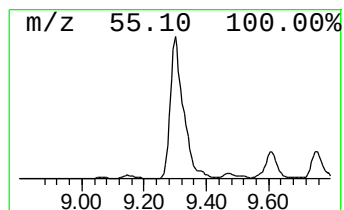
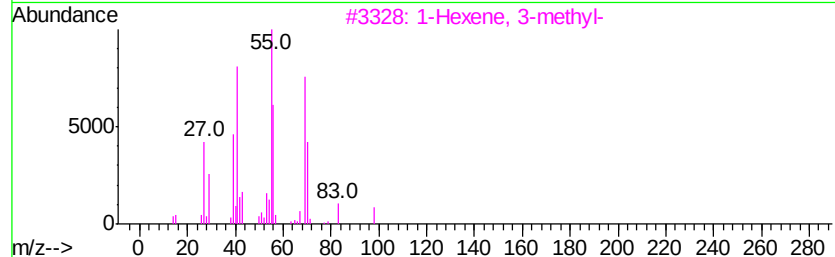
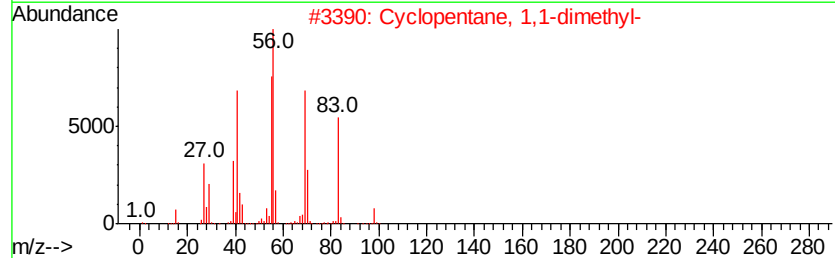
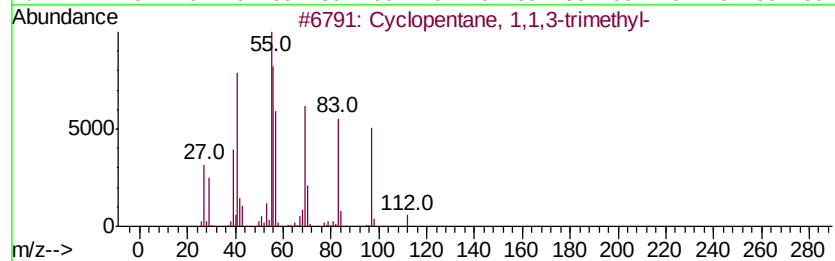
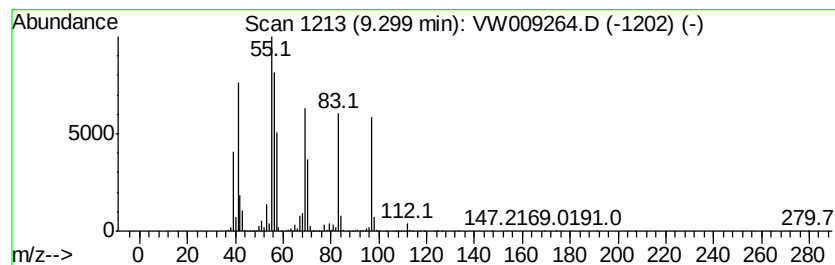
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclopentane, 1,1,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	379.80 ug/l	9917130	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	90
2		Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	49
3		1-Hexene, 3-methyl-	98	C7H14	003404-61-3	45
4		2-Heptene, 6-methyl-	112	C8H16	073548-72-8	43
5		Diphosphoric acid, diisooctyl ester	402	C16H36O7P2	072101-07-6	38



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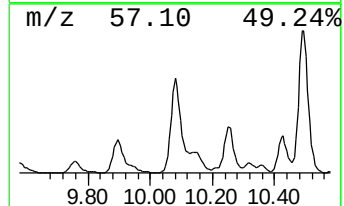
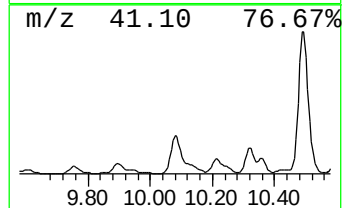
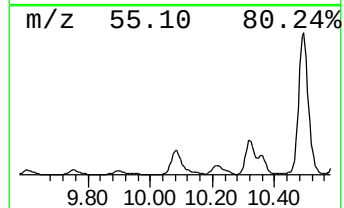
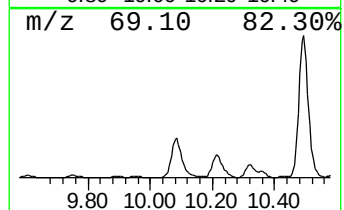
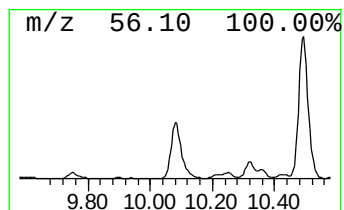
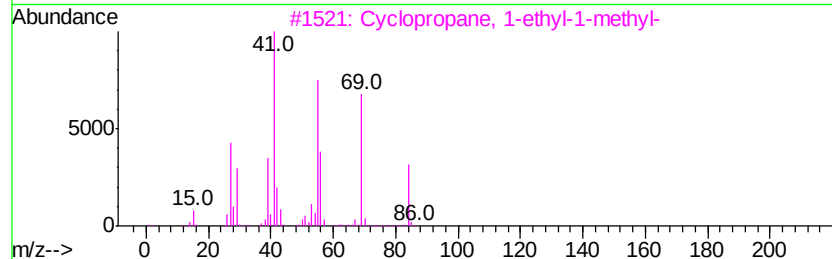
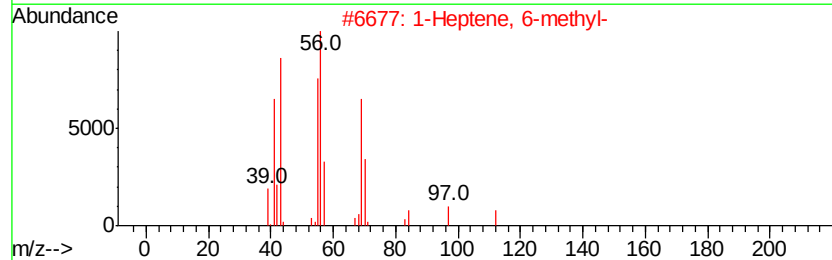
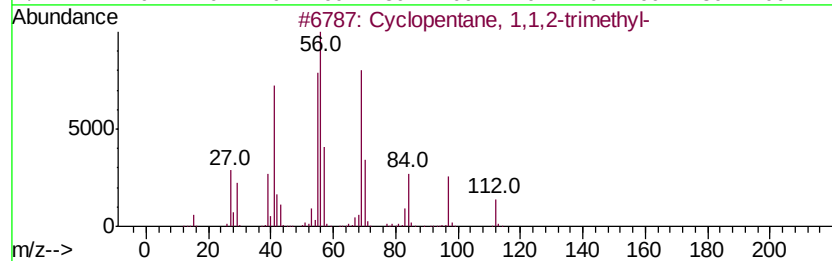
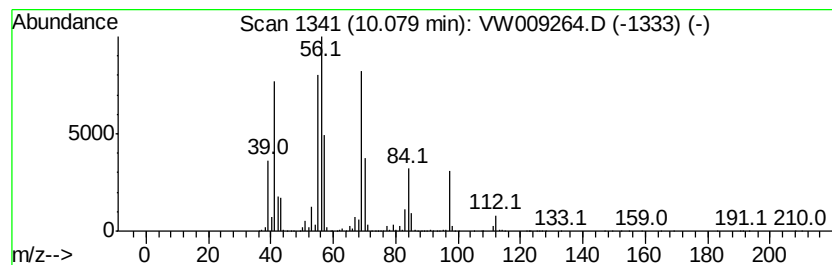
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclopentane, 1,1,2-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	455.33 ug/l	11889300	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	94
2		1-Heptene, 6-methyl-	112	C8H16	005026-76-6	74
3		Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	53
4		Pentane, 3-methylene-	84	C6H12	000760-21-4	43
5		3-Heptene, 2-methyl-	112	C8H16	017618-76-7	43



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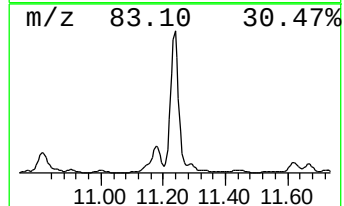
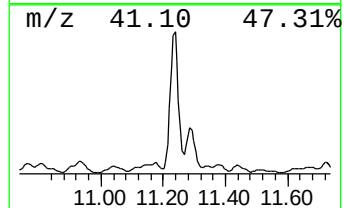
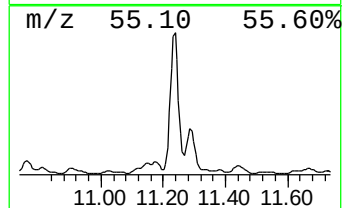
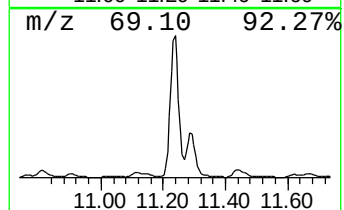
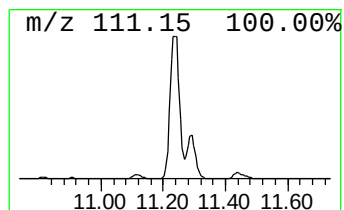
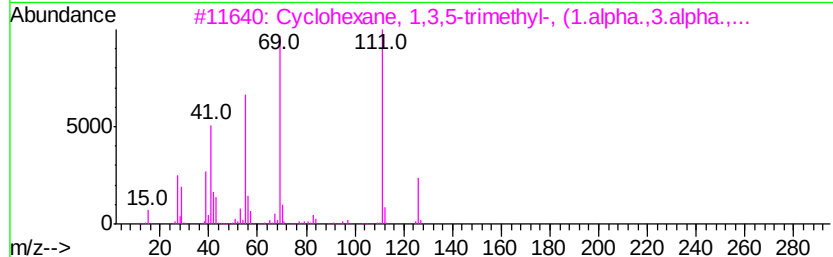
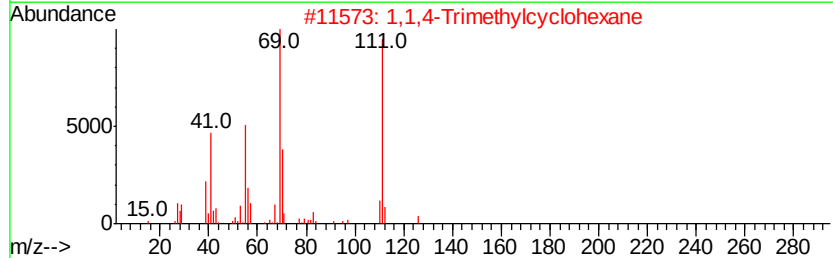
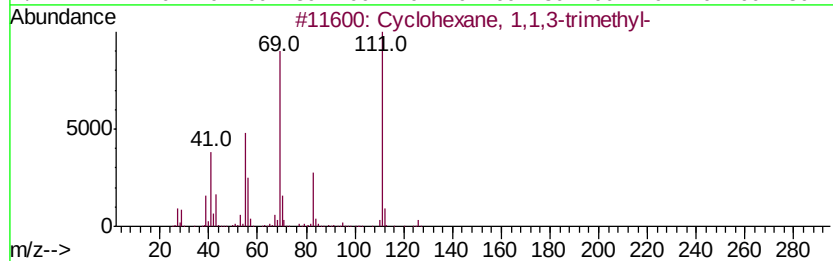
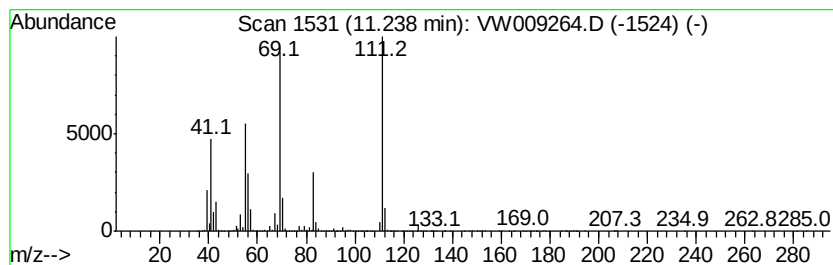
Instrument :
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Quant Title : SW846 8260

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

Peak Number 3 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.24	794.68 ug/l	87295800	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	97
2		1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	74
3		Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	64
4		3-Hexene, 2,5-dimethyl-	112	C8H16	015910-22-2	49
5		3-Heptene, 2-methyl-	112	C8H16	017618-76-7	49



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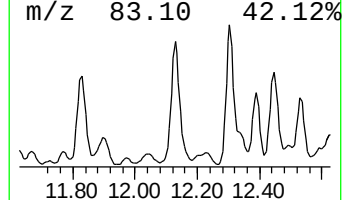
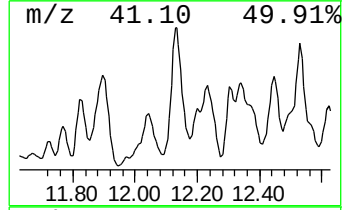
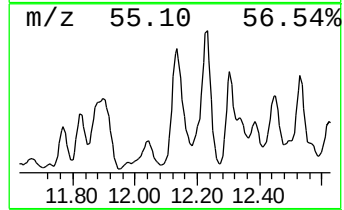
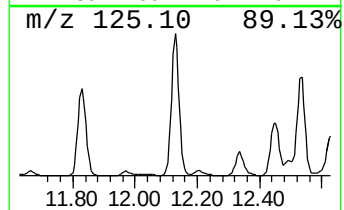
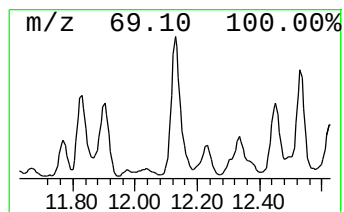
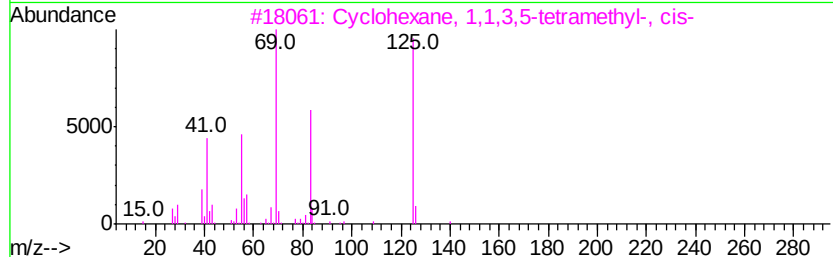
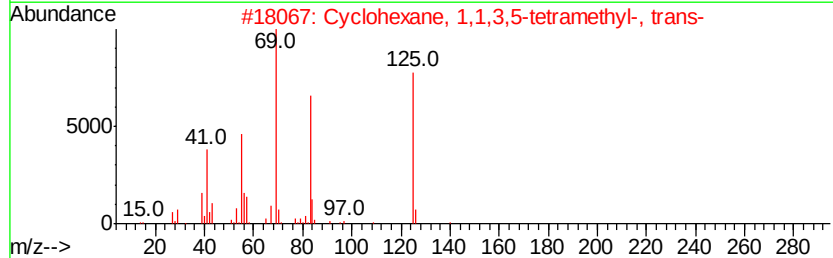
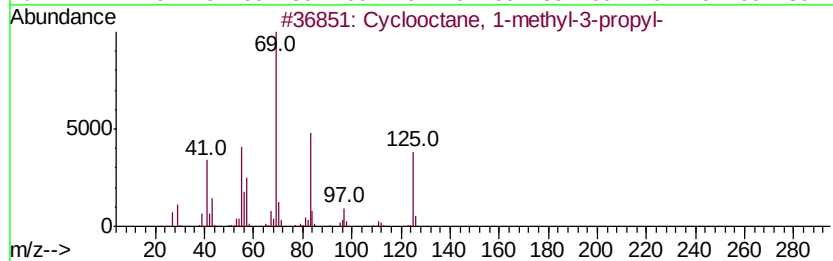
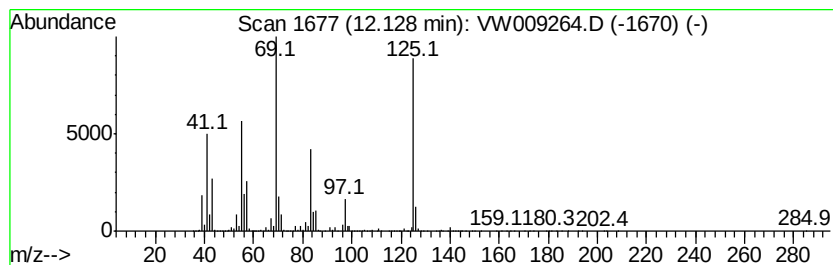
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Quant Title : SW846 8260

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

Peak Number 4 Cyclooctane, 1-methyl-3-pro... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	388.13 ug/l	42636800	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	80
2		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	72
3		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	64
4		Cyclohexanone, 3,5-dimethyl-, cis-	126	C8H14O	007214-52-0	35
5		2(1H)-Pyridinone, 4-hydroxy-6-me...	125	C6H7NO2	003749-51-7	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031919\
Data File : VW009264.D
Acq On : 20 Mar 2019 03:46
Operator : SY/VA
Sample : K1984-01
Misc : 4.79G/5ML/MSVOA W/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-12(7-8)

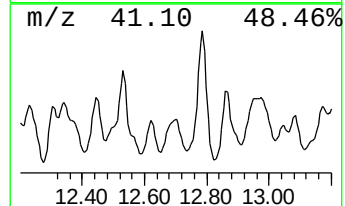
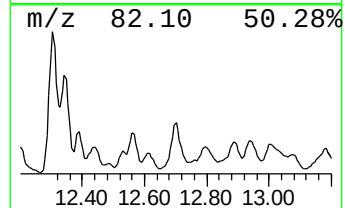
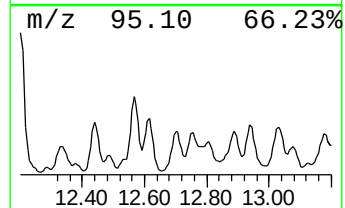
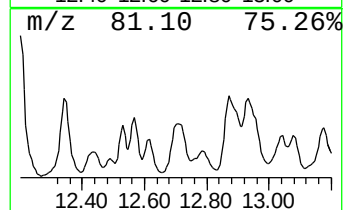
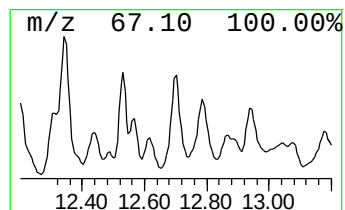
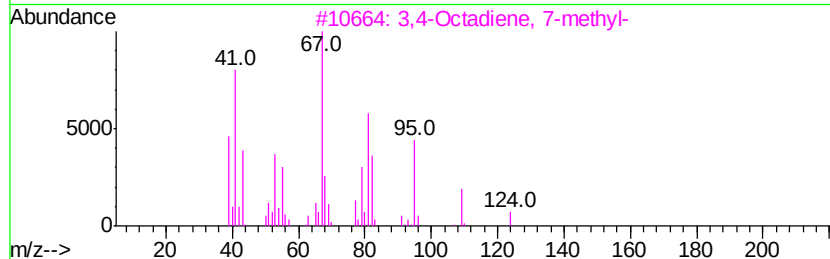
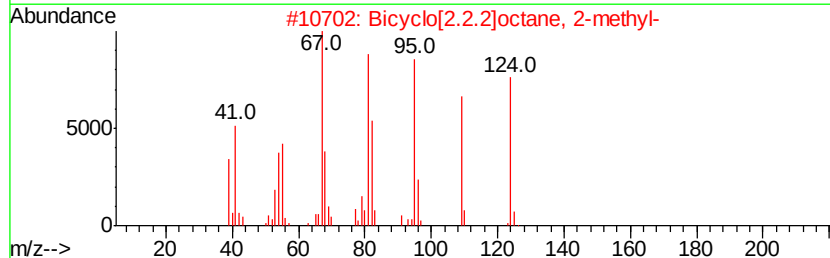
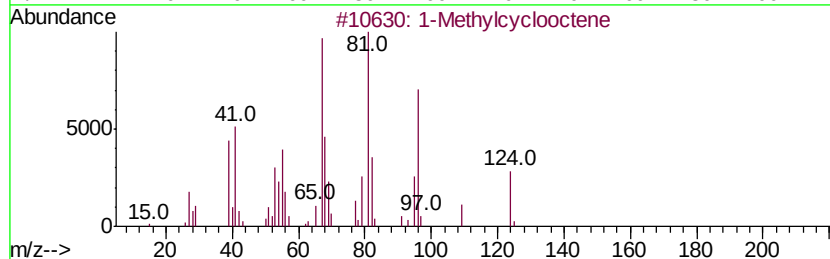
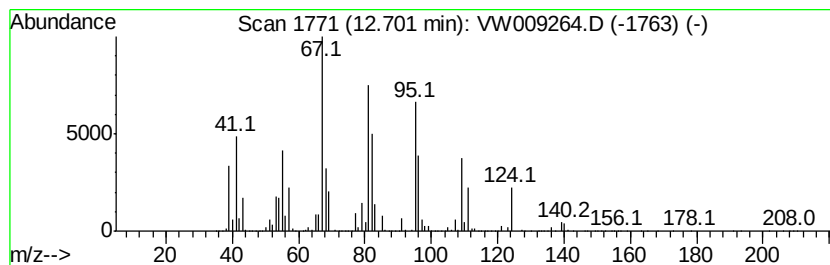
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Quant Title : SW846 8260

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

Peak Number 5 1-Methylcyclooctene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	372.06 ug/l	23567800	1,4-Dichlorobenzene-d4	13.56

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylcyclooctene	124	C9H16	000933-11-9	92
2	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	87
3	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	74
4	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	70
5	Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031919\
Data File : VW009264.D
Acq On : 20 Mar 2019 03:46
Operator : SY/VA
Sample : K1984-01
Misc : 4.79G/5ML/MSVOA W/SOIL
ALS Vial : 39 Sample Multiplier: 1

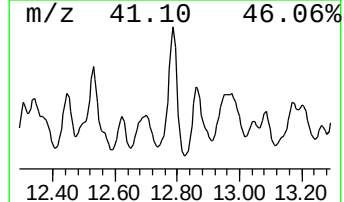
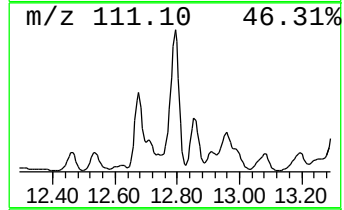
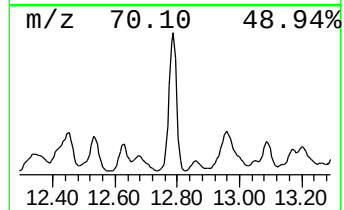
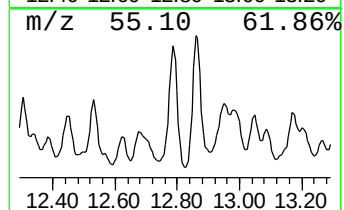
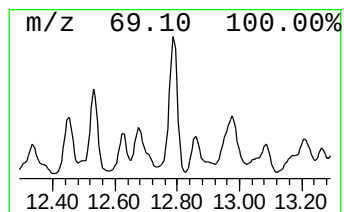
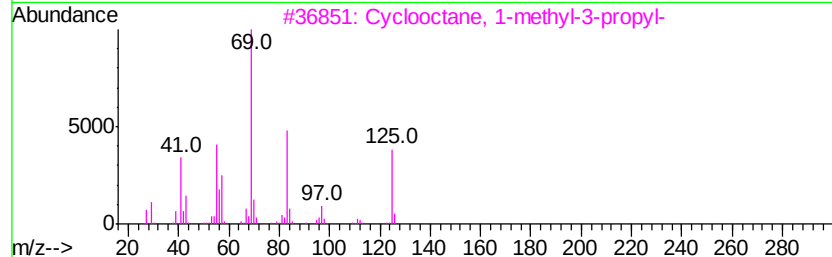
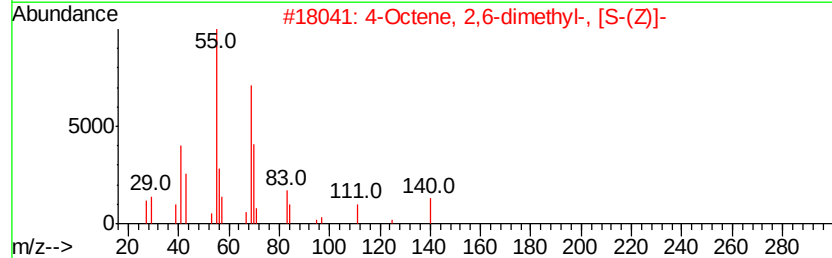
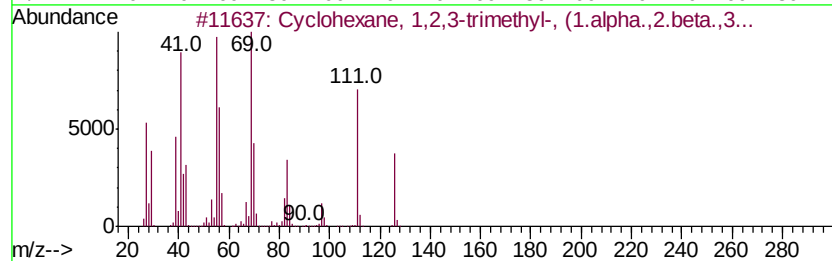
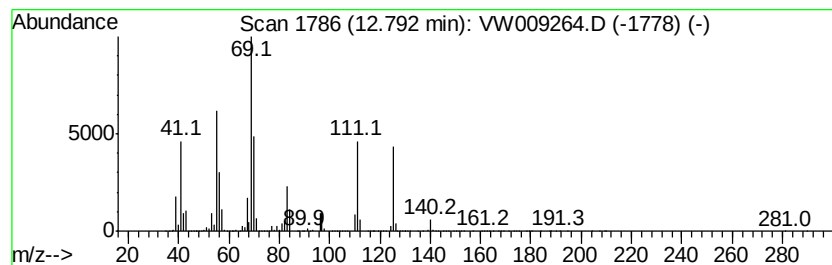
Instrument :
MSVOA_W
ClientSampleId :
SB-12(7-8)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
Quant Title : SW846 8260

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

Peak Number 6 Cyclohexane, 1,2,3-trimethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	724.38 ug/l	45885800	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1,2,3-trimethyl-, (...	126 C9H18	001678-81-5 70
2		4-Octene, 2,6-dimethyl-, [S-(Z)]-	140 C10H20	062960-77-4 58
3		Cyclooctane, 1-methyl-3-propyl-	168 C12H24	255885-37-1 53
4		2-Octene, 2,6-dimethyl-	140 C10H20	004057-42-5 52
5		Cyclohexane, 1-ethyl-2,3-dimethyl-	140 C10H20	007058-05-1 47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031919\
Data File : VW009264.D
Acq On : 20 Mar 2019 03:46
Operator : SY/VA
Sample : K1984-01
Misc : 4.79G/5ML/MSVOA W/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-12(7-8)

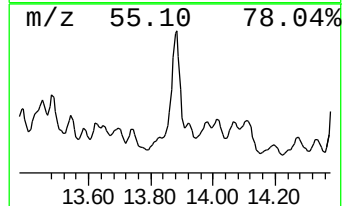
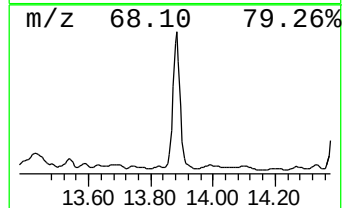
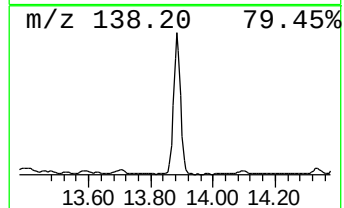
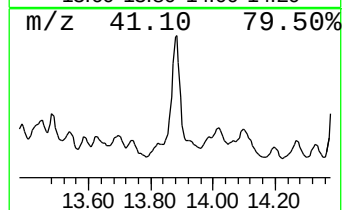
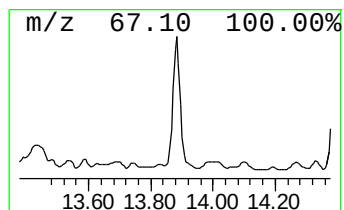
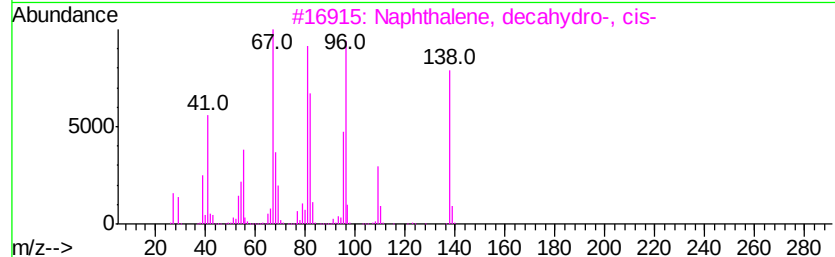
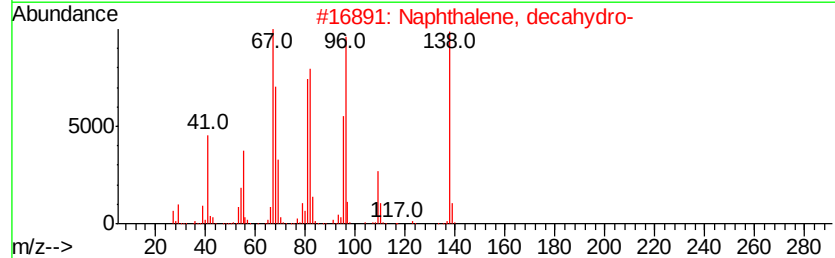
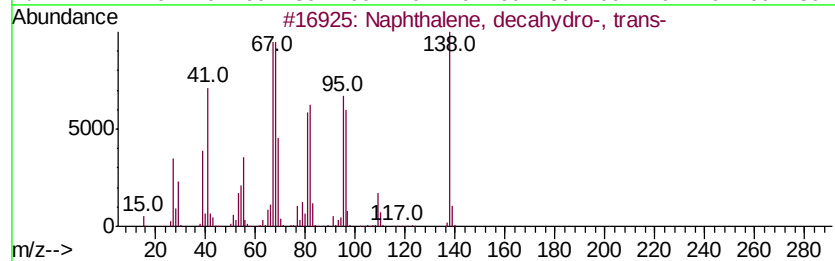
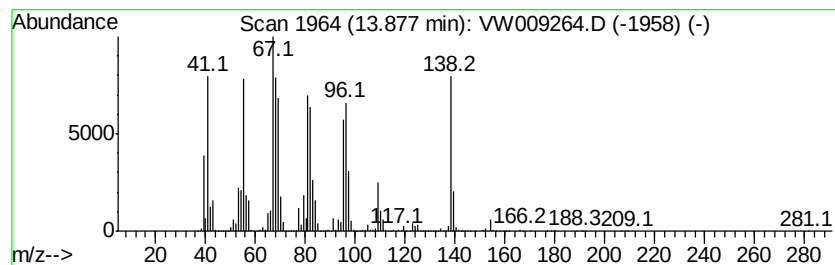
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
Quant Title : SW846 8260

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	733.92 ug/l	46489800	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	96
3		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	93
4		1,1'-Bicyclopentyl	138	C10H18	001636-39-1	87
5		Spiro[4.5]decane	138	C10H18	000176-63-6	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031919\
Data File : VW009264.D
Acq On : 20 Mar 2019 03:46
Operator : SY/VA
Sample : K1984-01
Misc : 4.79G/5ML/MSVOA W/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-12(7-8)

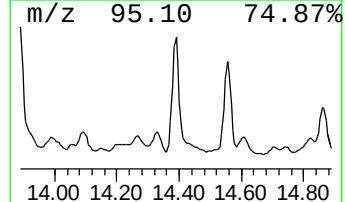
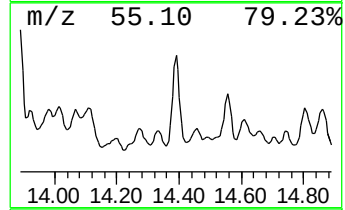
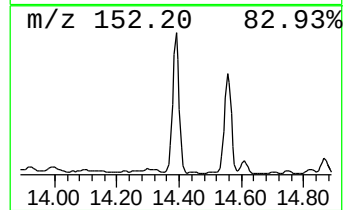
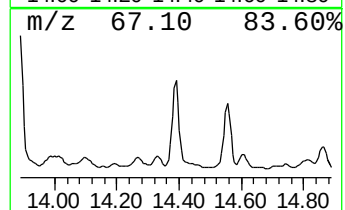
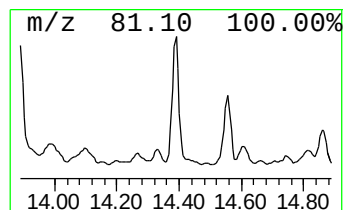
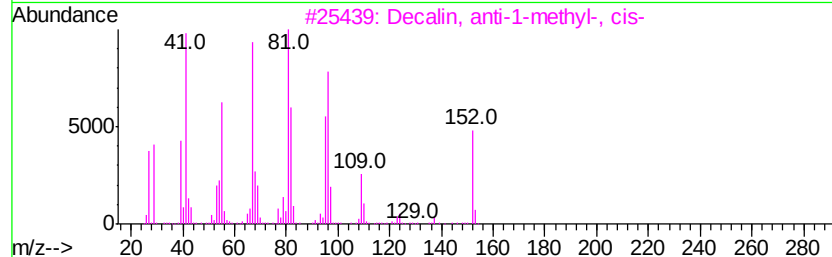
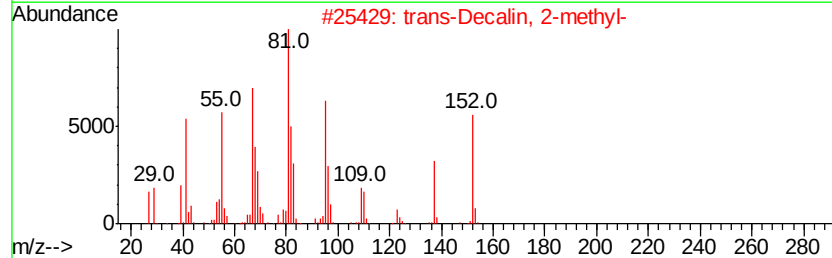
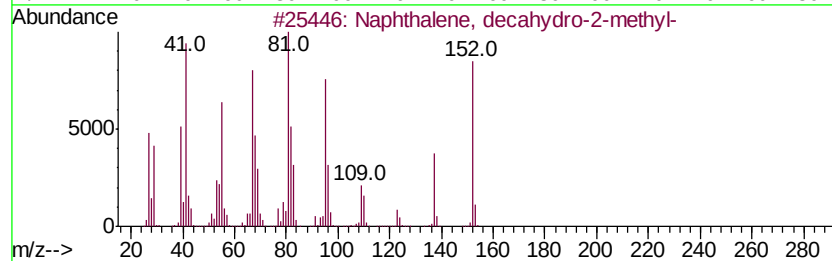
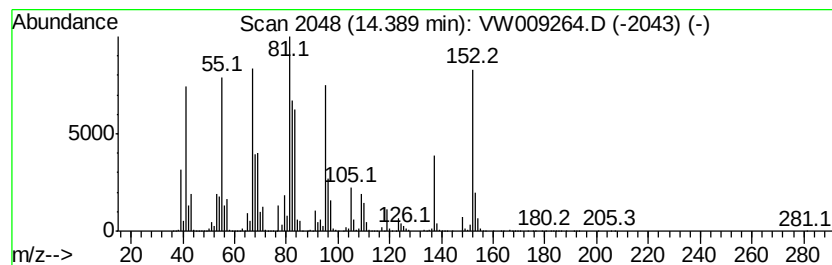
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, decahydro-2-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	421.46 ug/l	26696900	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	96
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	80
3		Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	62
4		Cyclopentylcyclohexane	152	C11H20	001606-08-2	55
5		Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW031919\
Data File : VW009264.D
Acq On : 20 Mar 2019 03:46
Operator : SY/VA
Sample : K1984-01
Misc : 4.79G/5ML/MSVOA_W/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-12(7-8)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.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
Cyclopentane, 1,1...	9.30	379.8	ug/l	9917130	2	8.84	1305570	50.0
Cyclopentane, 1,1...	10.08	455.3	ug/l	11889300	2	8.84	1305570	50.0
Cyclohexane, 1,1,...	11.24	794.7	ug/l	87295800	3	11.63	5492540	50.0
Cyclooctane, 1-me...	12.13	388.1	ug/l	42636800	3	11.63	5492540	50.0
1-Methylcyclooctene	12.70	372.1	ug/l	23567800	4	13.56	3167230	50.0
Cyclohexane, 1,2,...	12.79	724.4	ug/l	45885800	4	13.56	3167230	50.0
Cyclohexane, 1-me...	12.87	555.5	ug/l	35189600	4	13.56	3167230	50.0
Naphthalene, deca...	13.88	733.9	ug/l	46489800	4	13.56	3167230	50.0
Naphthalene, deca...	14.39	421.5	ug/l	26696900	4	13.56	3167230	50.0