

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092319\
 Data File : VY000137.D
 Acq On : 23 Sep 2019 17:44
 Operator : SY/MD
 Sample : K5008-07
 Misc : 5.68g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7

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_Y\METHODS\82Y092319S.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	1.697	13	18	37	rBV	725973	1067285	28.24%	2.367%
2	4.714	496	513	522	rBV5	18046	70211	1.86%	0.156%
3	6.684	826	836	849	rVB5	12325	39638	1.05%	0.088%
4	7.720	994	1006	1011	rBV	72752	176737	4.68%	0.392%
5	7.793	1011	1018	1026	rVV2	122341	287862	7.62%	0.638%
6	8.147	1067	1076	1086	rVB	84100	188124	4.98%	0.417%
7	8.689	1155	1165	1176	rBV	225855	444147	11.75%	0.985%
8	9.147	1231	1240	1243	rBV2	95510	188920	5.00%	0.419%
9	9.189	1243	1247	1251	rVV2	84070	171082	4.53%	0.379%
10	9.244	1251	1256	1263	rVB3	77055	155294	4.11%	0.344%
11	9.457	1281	1291	1302	rBV	265387	574560	15.20%	1.274%
12	9.610	1309	1316	1323	rBV3	89299	173634	4.59%	0.385%
13	9.744	1328	1338	1343	rBV3	42856	119082	3.15%	0.264%
14	9.866	1351	1358	1363	rVB3	54892	113323	3.00%	0.251%
15	9.933	1363	1369	1375	rVB2	45035	91579	2.42%	0.203%
16	10.000	1375	1380	1385	rBV5	21483	38870	1.03%	0.086%
17	10.067	1385	1391	1394	rBV2	56922	118976	3.15%	0.264%
18	10.098	1394	1396	1403	rVB2	53650	95034	2.51%	0.211%
19	10.177	1403	1409	1416	rBV	344669	634410	16.78%	1.407%
20	10.360	1429	1439	1447	rBV6	57438	197603	5.23%	0.438%
21	10.476	1447	1458	1465	rBV3	202262	390321	10.33%	0.865%
22	10.598	1468	1478	1486	rBV	339928	756931	20.03%	1.678%
23	10.665	1486	1489	1494	rVB	80032	127304	3.37%	0.282%
24	10.762	1500	1505	1510	rBV4	86130	206623	5.47%	0.458%
25	10.878	1517	1524	1526	rBV3	188657	362548	9.59%	0.804%
26	10.963	1534	1538	1542	rBV2	152396	244321	6.46%	0.542%
27	11.085	1548	1558	1563	rBV8	232581	819326	21.68%	1.817%
28	11.140	1563	1567	1572	rVV3	394853	674062	17.83%	1.495%
29	11.244	1580	1584	1587	rBV3	33794	43955	1.16%	0.097%
30	11.305	1587	1594	1601	rVB5	240417	637015	16.85%	1.413%
31	11.414	1601	1612	1613	rBV5	182168	419631	11.10%	0.930%
32	11.488	1619	1624	1629	rBV2	394062	605557	16.02%	1.343%
33	11.622	1638	1646	1650	rBV4	218482	526668	13.93%	1.168%
34	11.677	1650	1655	1659	rVV3	256808	463840	12.27%	1.029%

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Integrator: RTE
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35	11.744	1659	1666	1674	rVB9	204792	635770	16.82%	1.410%
36	11.829	1674	1680	1685	rBV4	200304	458544	12.13%	1.017%
37	11.884	1685	1689	1694	rVB4	120311	250448	6.63%	0.555%
38	11.939	1694	1698	1701	rBV2	290088	473510	12.53%	1.050%
39	11.981	1701	1705	1713	rVB4	364001	761282	20.14%	1.688%
40	12.055	1713	1717	1720	rBV3	275178	415840	11.00%	0.922%
41	12.195	1728	1740	1743	rBV6	511653	1525415	40.36%	3.382%
42	12.298	1750	1757	1766	rBV7	592063	1805683	47.77%	4.004%
43	12.420	1774	1777	1780	rVB2	220990	265181	7.02%	0.588%
44	12.469	1780	1785	1793	rVB5	543004	1105589	29.25%	2.452%
45	12.573	1794	1802	1806	rBV4	433270	1112392	29.43%	2.467%
46	12.725	1820	1827	1834	rBV7	471220	1547594	40.94%	3.432%
47	12.792	1834	1838	1848	rVB7	462680	1415272	37.44%	3.138%
48	12.872	1848	1851	1854	rBV4	97607	153434	4.06%	0.340%
49	12.939	1859	1862	1866	rVB4	527922	810597	21.45%	1.797%
50	12.987	1866	1870	1872	rBV3	166625	256254	6.78%	0.568%
51	13.067	1879	1883	1887	rVB3	339618	565540	14.96%	1.254%
52	13.128	1889	1893	1896	rVV2	316551	546517	14.46%	1.212%
53	13.164	1896	1899	1907	rVV8	399099	971515	25.70%	2.154%
54	13.237	1907	1911	1914	rVV2	362674	753940	19.95%	1.672%
55	13.280	1915	1918	1926	rVB3	623407	1275682	33.75%	2.829%
56	13.390	1932	1936	1939	rBV4	201858	395585	10.47%	0.877%
57	13.481	1948	1951	1956	rVB4	300014	494104	13.07%	1.096%
58	13.603	1967	1971	1974	rBV3	325179	517933	13.70%	1.148%
59	13.640	1975	1977	1981	rVV3	216827	276468	7.31%	0.613%
60	13.688	1983	1985	1989	rVV5	161739	230755	6.11%	0.512%
61	13.743	1990	1994	2000	rVB7	254532	552361	14.61%	1.225%
62	13.847	2007	2011	2018	rVB6	279556	621252	16.44%	1.378%
63	13.932	2019	2025	2027	rBV5	198224	427439	11.31%	0.948%
64	14.085	2046	2050	2052	rBV2	143321	230518	6.10%	0.511%
65	14.121	2052	2056	2065	rVB5	544829	1223029	32.36%	2.712%
66	14.262	2073	2079	2092	rVB4	1089241	3779715	100.00%	8.381%
67	14.390	2093	2100	2102	rBV	457327	872620	23.09%	1.935%
68	14.469	2108	2113	2119	rVB7	360811	670172	17.73%	1.486%
69	14.579	2126	2131	2134	rBV2	387645	598744	15.84%	1.328%
70	14.615	2135	2137	2141	rVB3	177844	228366	6.04%	0.506%
71	14.682	2146	2148	2152	rVV3	200740	293368	7.76%	0.651%

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72	14.725	2153	2155	2161	rVB4	139552	194649	5.15%	0.432%
73	14.871	2172	2179	2186	rVB	508812	1018103	26.94%	2.258%
74	14.938	2186	2190	2194	rVB2	278389	373758	9.89%	0.829%
75	14.999	2194	2200	2204	rBV	397318	718165	19.00%	1.592%
76	15.091	2211	2215	2217	rBV3	118318	182443	4.83%	0.405%
77	15.200	2228	2233	2240	rBV3	301137	546621	14.46%	1.212%
78	15.267	2240	2244	2249	rBV3	156774	238307	6.30%	0.528%
79	15.383	2259	2263	2269	rVB3	277406	556441	14.72%	1.234%
80	15.444	2269	2273	2277	rBV5	42719	78741	2.08%	0.175%
81	15.499	2277	2282	2286	rBV4	106067	231927	6.14%	0.514%
82	15.652	2303	2307	2313	rVB	134864	257950	6.82%	0.572%
83	15.719	2313	2318	2324	rVB2	132604	234943	6.22%	0.521%
84	15.810	2326	2333	2338	rBV4	132699	313338	8.29%	0.695%
85	16.109	2377	2382	2385	rBV5	33815	59339	1.57%	0.132%
86	16.218	2397	2400	2407	rVB2	46836	87254	2.31%	0.193%
87	16.322	2412	2417	2420	rBV6	24066	48989	1.30%	0.109%
88	16.481	2437	2443	2458	rVB4	68928	214118	5.66%	0.475%

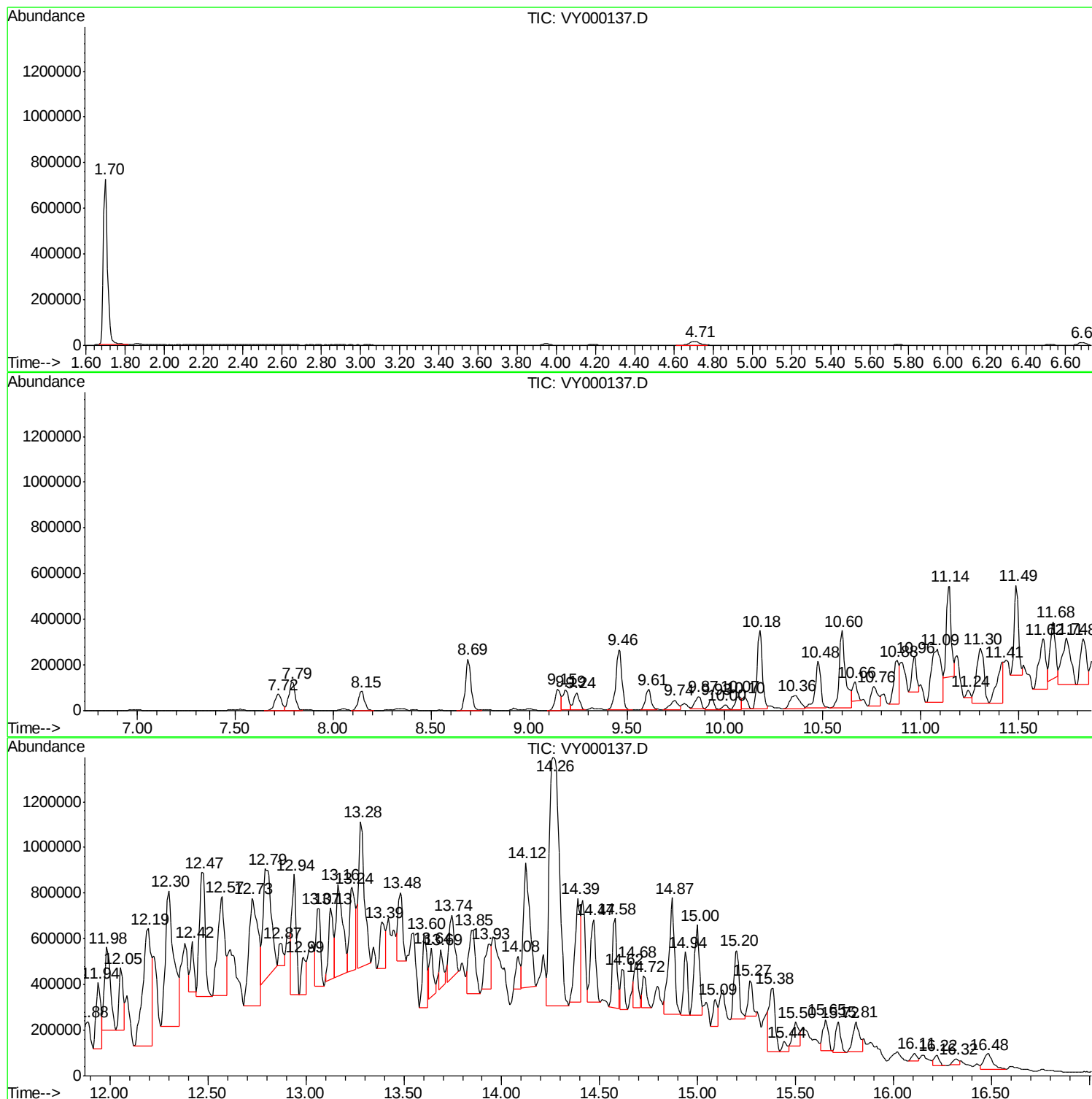
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092319S.M
Quant Title : SW846 8260

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



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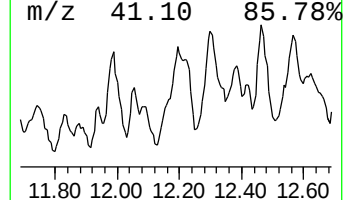
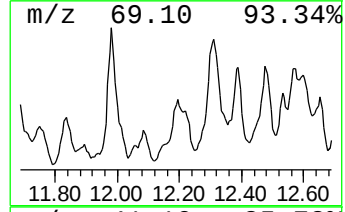
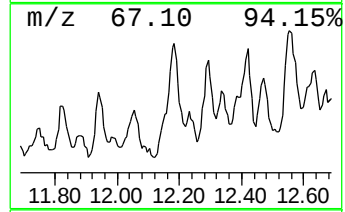
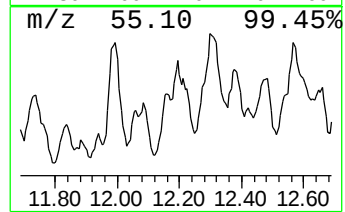
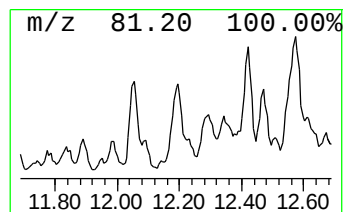
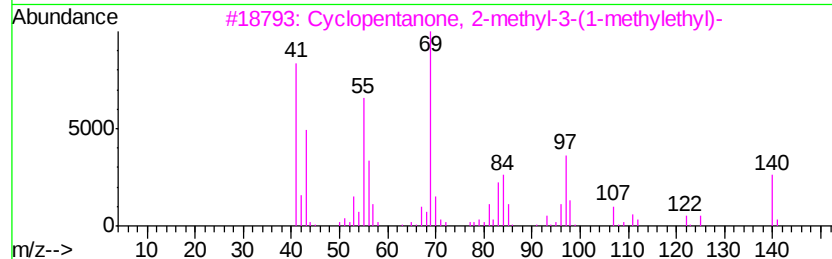
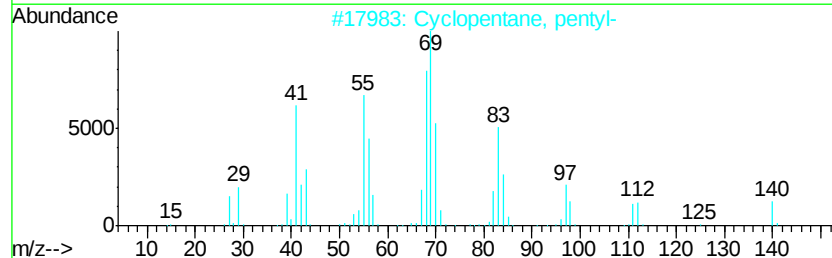
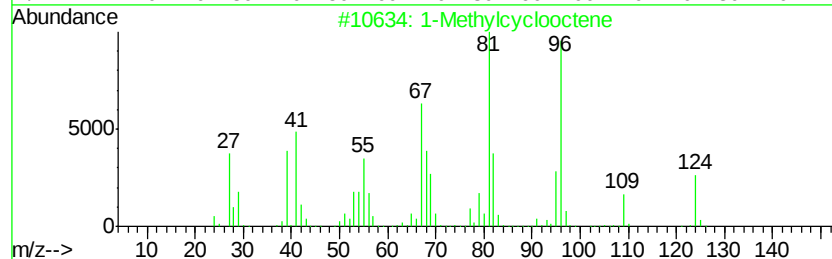
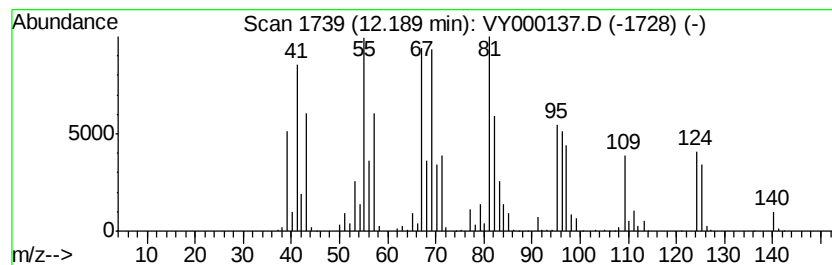
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092319S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown12.19 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.19	125.95 ug/l	1525420	Chlorobenzene-d5	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylcyclooctene	124	C9H16	000933-11-9	38
2	Cyclopentane, pentyl-	140	C10H20	003741-00-2	35
3	Cyclopentanone, 2-methyl-3-(1-methyl-)	140	C9H16O	054549-81-4	30
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	25
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	25



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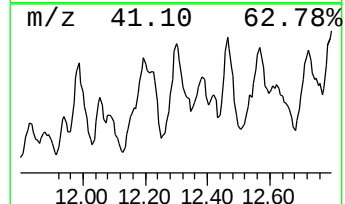
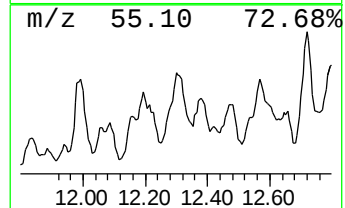
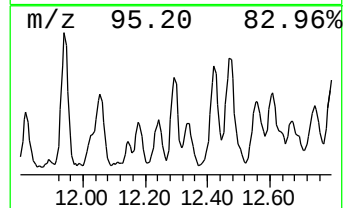
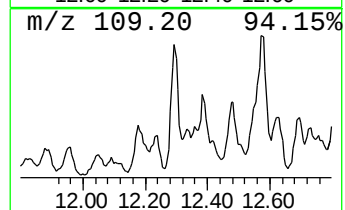
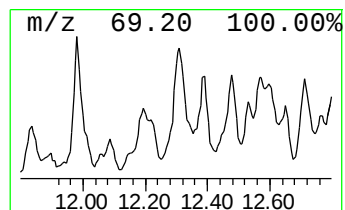
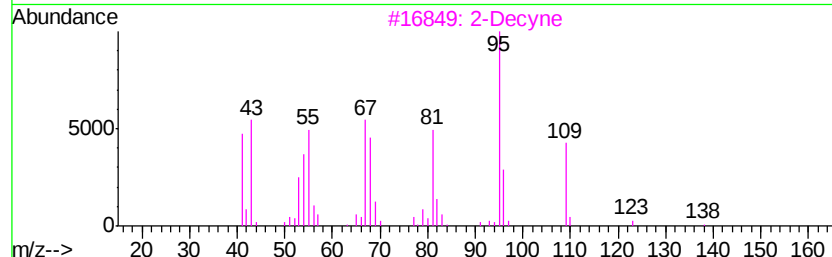
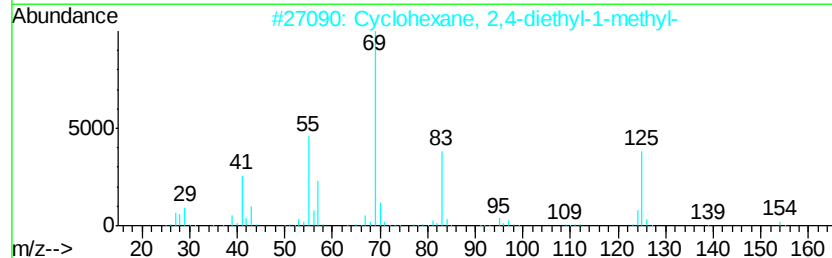
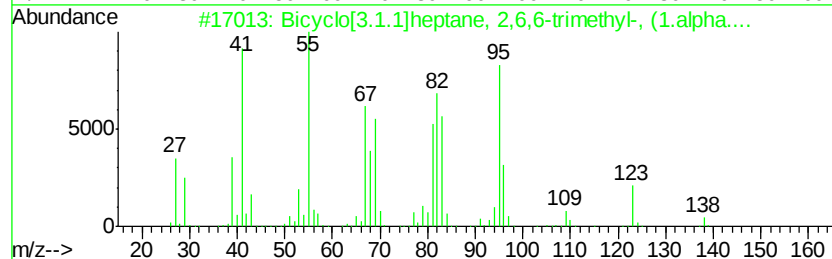
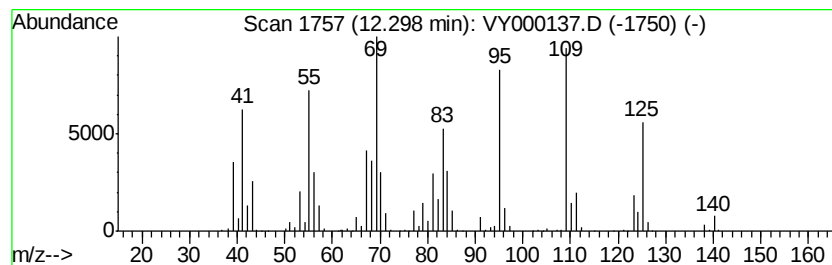
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Quant Title : SW846 8260

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

Peak Number 3 unknown12.30 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.30	149.09 ug/l	1805680	Chlorobenzene-d5	11.49		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	006876-13-7	30
2		Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	27
3		2-Decyne	138	C10H18	002384-70-5	22
4		3-Heptyne, 2,2-dimethyl-	124	C9H16	029022-29-5	22
5		Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	18



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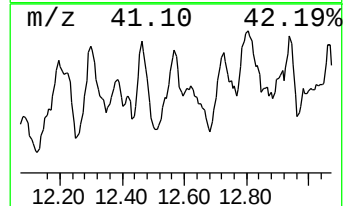
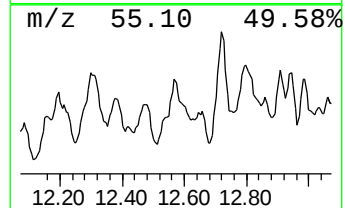
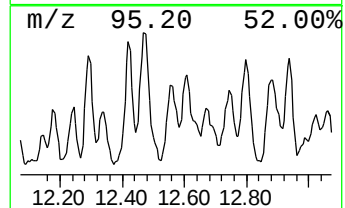
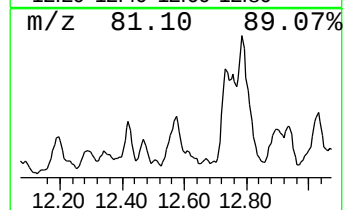
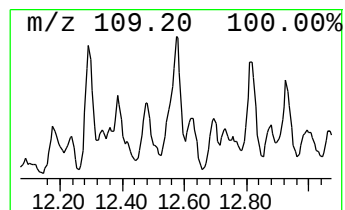
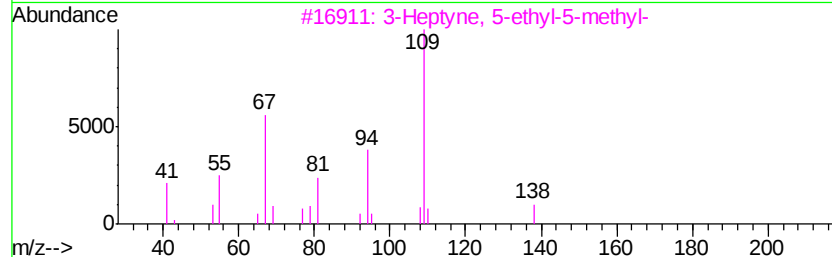
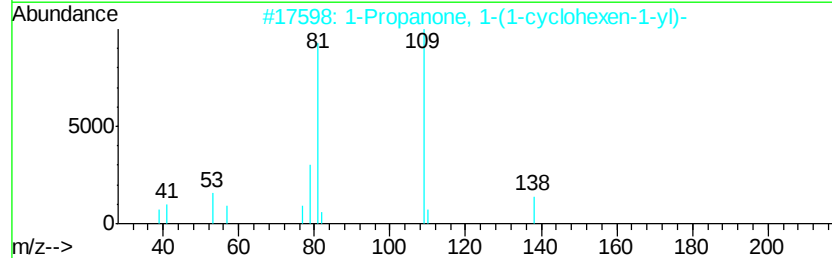
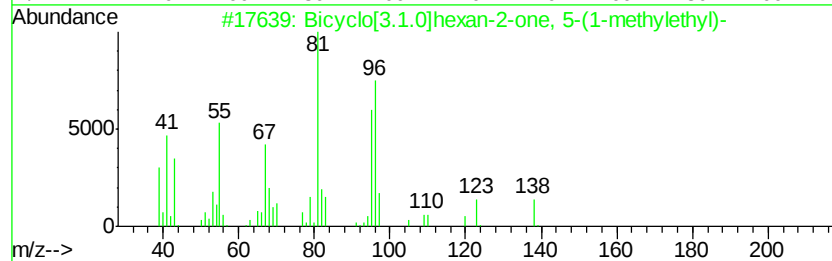
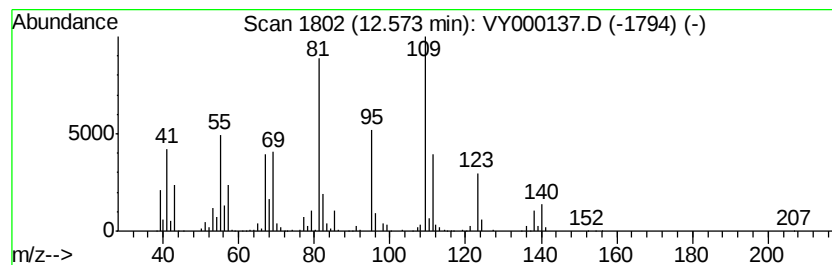
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092319S.M
Quant Title : SW846 8260

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

Peak Number 4 unknown12.57 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	140.60 ug/l	1112390	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	49
2		1-Propanone, 1-(1-cyclohexen-1-yl)-	138	C9H14O	001655-03-4	38
3		3-Heptyne, 5-ethyl-5-methyl-	138	C10H18	061228-10-2	30
4		Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	25
5		Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	22



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ClientSampleId :
SB-7

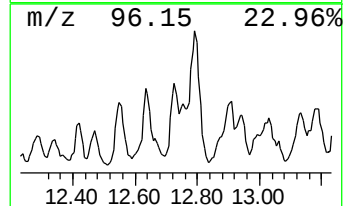
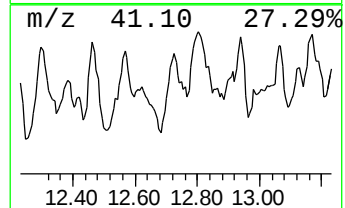
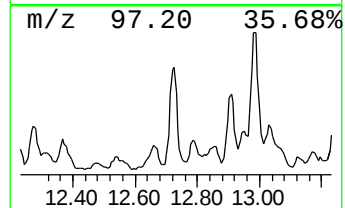
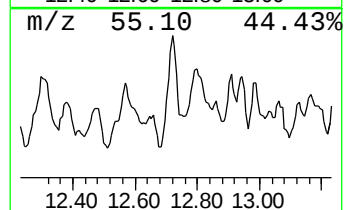
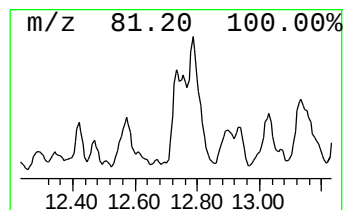
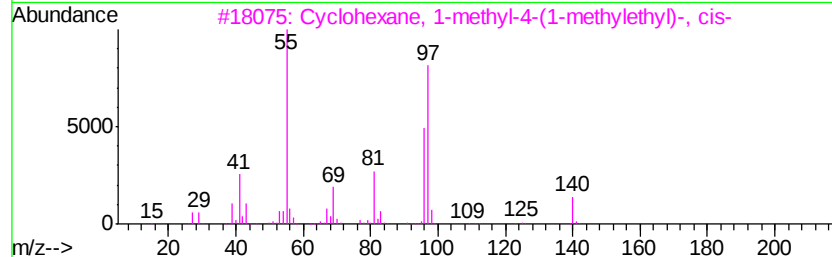
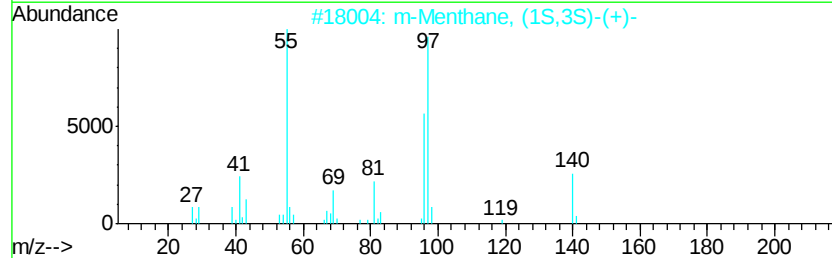
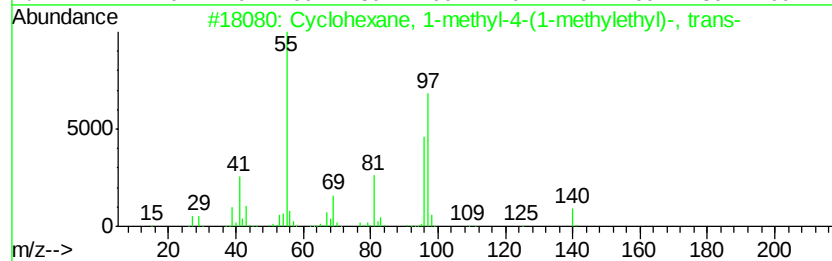
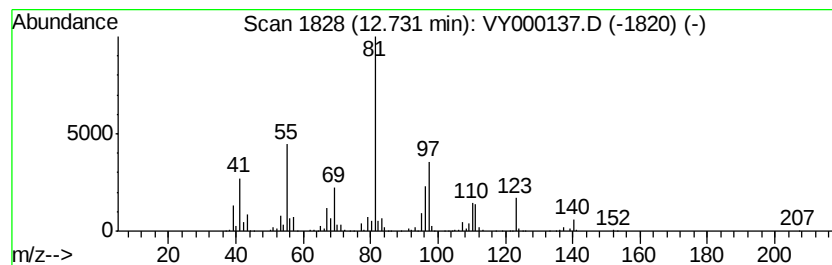
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Quant Title : SW846 8260

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

Peak Number 5 unknown12.73 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	195.61 ug/l	1547590	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-methyl-4-(1-methyl-...	140	C10H20	001678-82-6	38
2		m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	38
3		Cyclohexane, 1-methyl-4-(1-methyl-...	140	C10H20	006069-98-3	38
4		1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	38
5		Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY092319\
Data File : VY000137.D
Acq On : 23 Sep 2019 17:44
Operator : SY/MD
Sample : K5008-07
Misc : 5.68g/5.00ml/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-7

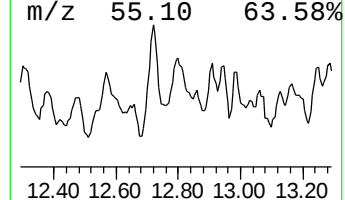
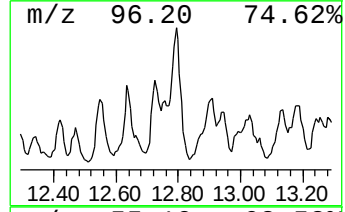
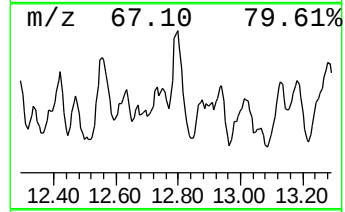
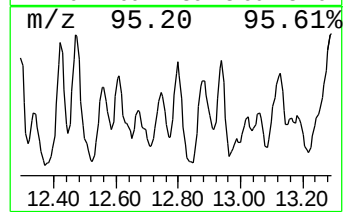
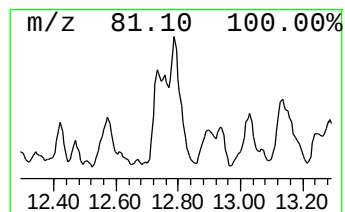
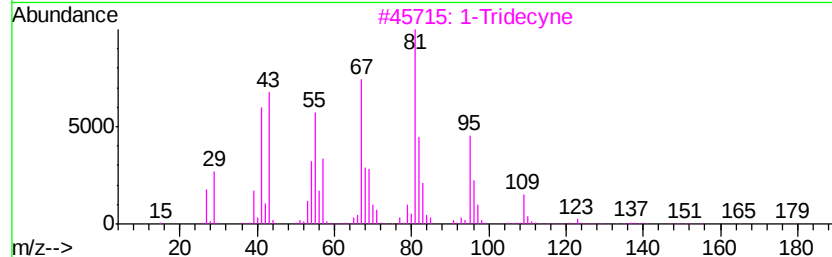
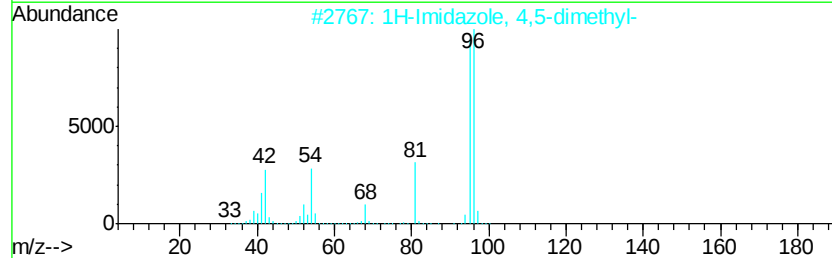
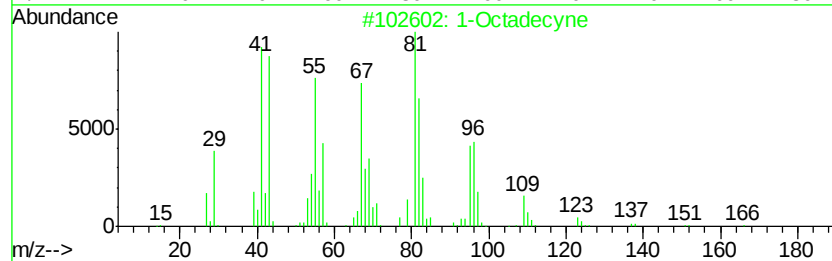
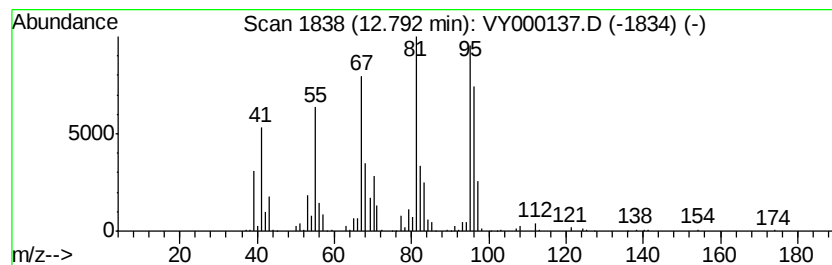
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Quant Title : SW846 8260

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

Peak Number 6 unknown12.79 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	178.88 ug/l	1415270	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecyne	250	C18H34	000629-89-0	49
2		1H-Imidazole, 4,5-dimethyl-	96	C5H8N2	002302-39-8	47
3		1-Tridecyne	180	C13H24	026186-02-7	47
4		1-Tetradecyne	194	C14H26	000765-10-6	47
5		Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY092319\
Data File : VY000137.D
Acq On : 23 Sep 2019 17:44
Operator : SY/MD
Sample : K5008-07
Misc : 5.68g/5.00ml/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-7

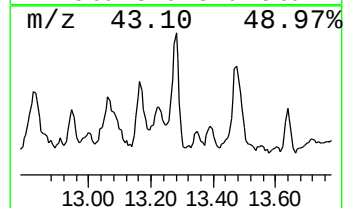
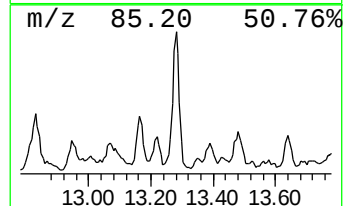
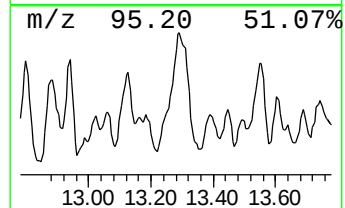
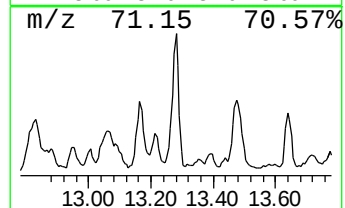
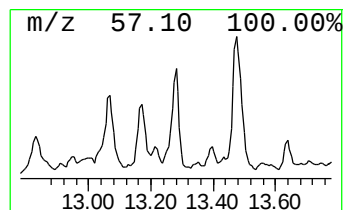
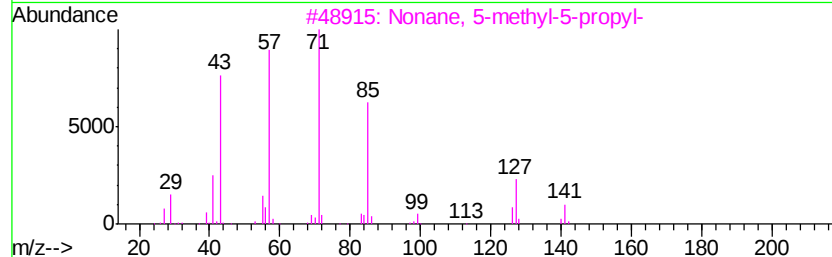
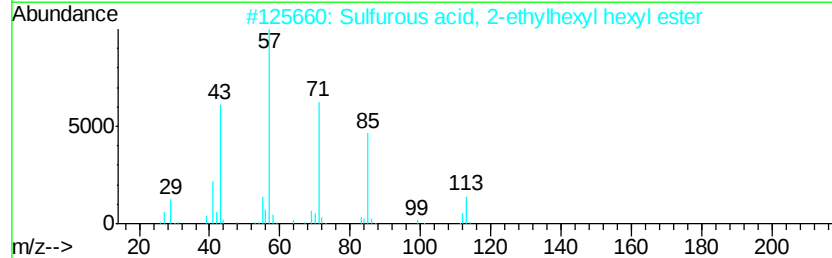
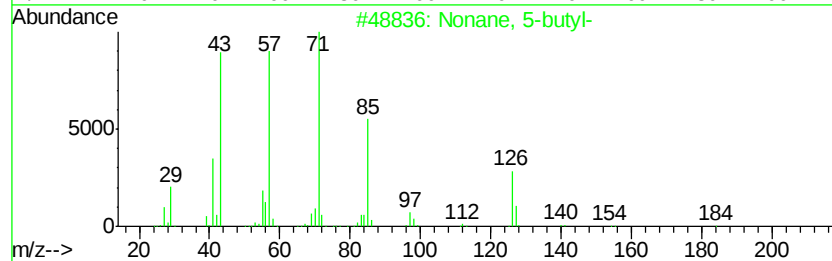
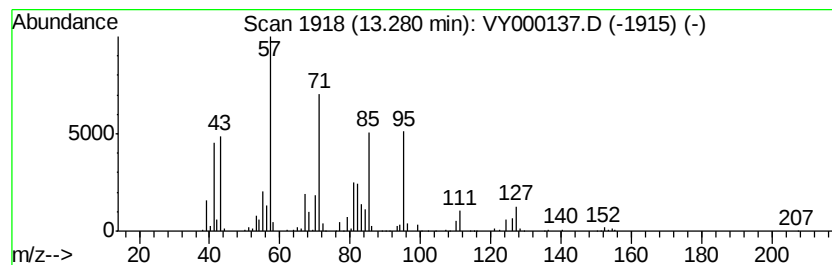
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Quant Title : SW846 8260

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

Peak Number 7 unknown13.28 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	161.24 ug/l	1275680	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 5-butyl-	184	C13H28	017312-63-9	35
2		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	35
3		Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	35
4		Decane, 5-propyl-	184	C13H28	017312-62-8	27
5		1-Methylcycloheptanol	128	C8H16O	003761-94-2	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY092319\
Data File : VY000137.D
Acq On : 23 Sep 2019 17:44
Operator : SY/MD
Sample : K5008-07
Misc : 5.68g/5.00ml/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-7

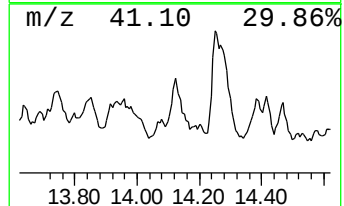
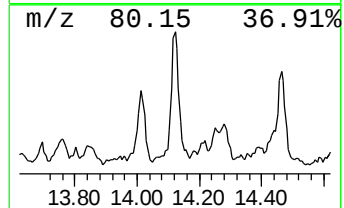
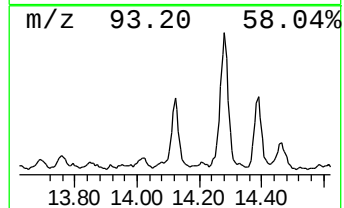
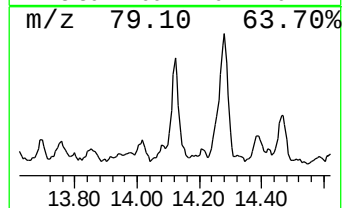
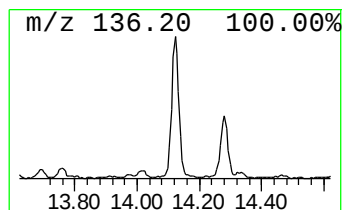
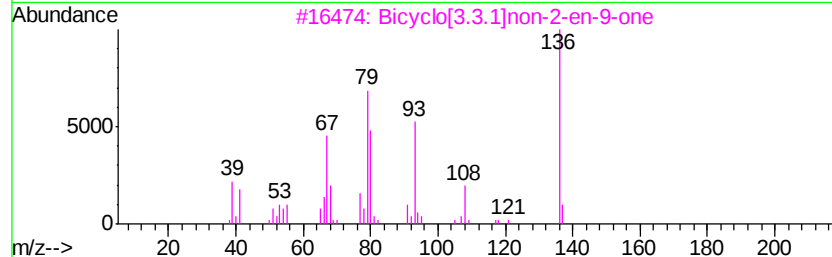
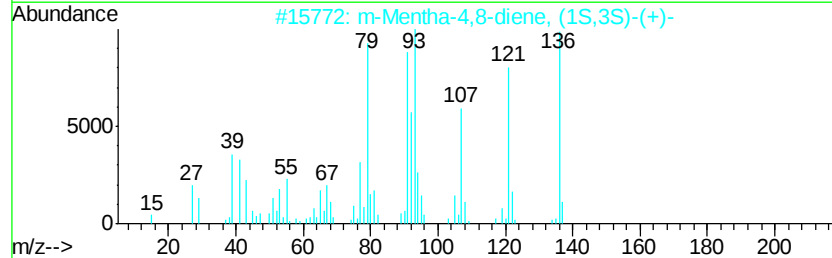
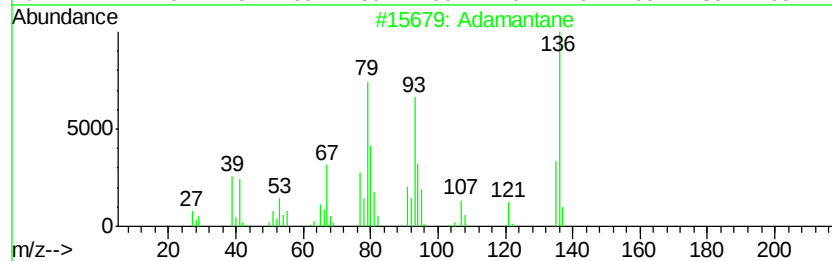
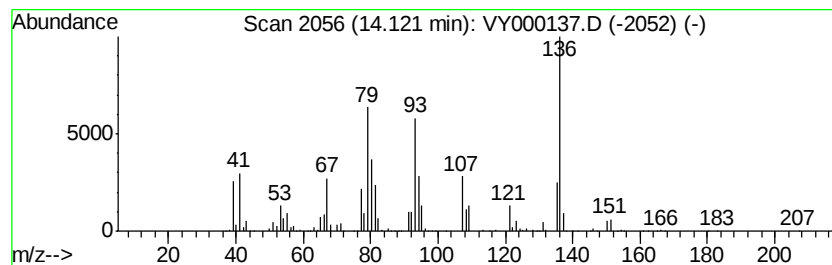
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Quant Title : SW846 8260

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

Peak Number 8 Adamantane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	154.59 ug/l	1223030	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Adamantane	136	C10H16	000281-23-2	96
2		m-Mentha-4,8-diene, (1S,3S)-(+)-	136	C10H16	005208-51-5	64
3		Bicyclo[3.3.1]non-2-en-9-one	136	C9H12O	004844-11-5	62
4		1,3-Methanopentalene, octahydro-	122	C9H14	013913-22-9	55
5		Tricyclo[4.4.0.0(2,8)]decane	136	C10H16	049700-59-6	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY092319\
Data File : VY000137.D
Acq On : 23 Sep 2019 17:44
Operator : SY/MD
Sample : K5008-07
Misc : 5.68g/5.00ml/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-7

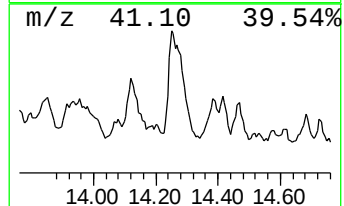
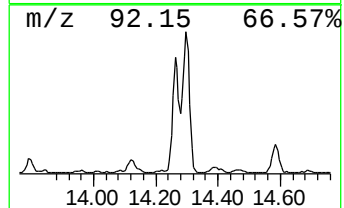
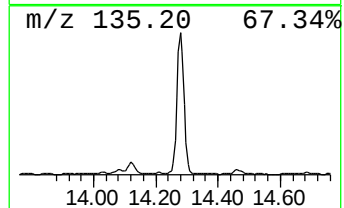
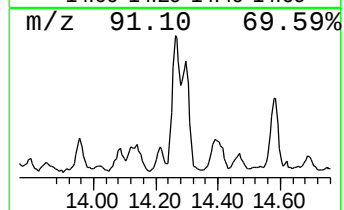
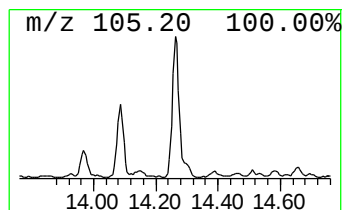
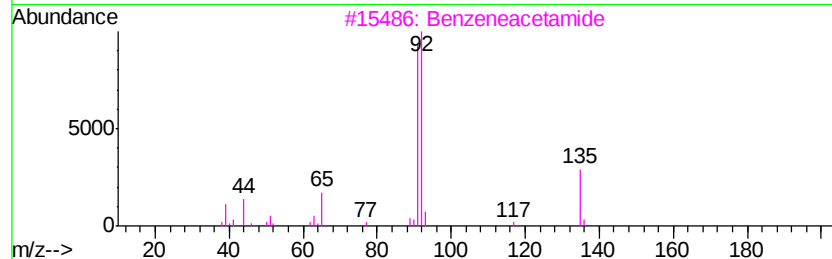
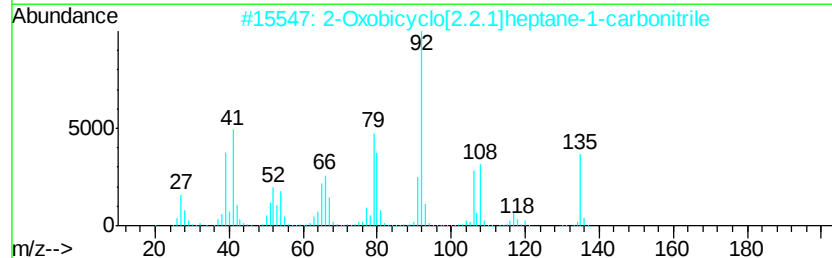
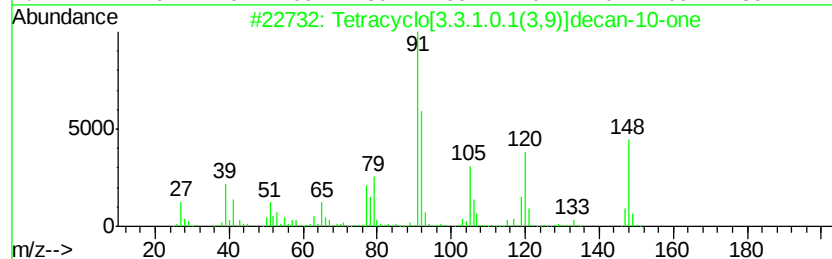
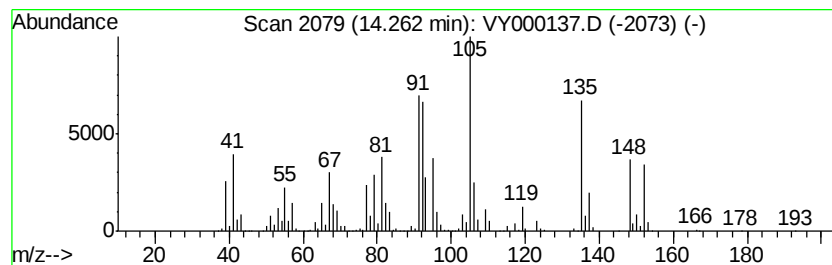
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092319S.M
Quant Title : SW846 8260

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

Peak Number 9 unknown14.26 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	477.74 ug/l	3779720	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracyclo[3.3.1.0.1(3,9)]decan-...	148	C10H12O	016492-06-1	38
2		2-Oxobicyclo[2.2.1]heptane-1-car...	135	C8H9NO	056505-62-5	35
3		Benzeneacetamide	135	C8H9NO	000103-81-1	25
4		Benzene, pentyl-	148	C11H16	000538-68-1	22
5		Benzene, (3-methylbutyl)-	148	C11H16	002049-94-7	18



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY092319\
Data File : VY000137.D
Acq On : 23 Sep 2019 17:44
Operator : SY/MD
Sample : K5008-07
Misc : 5.68g/5.00ml/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

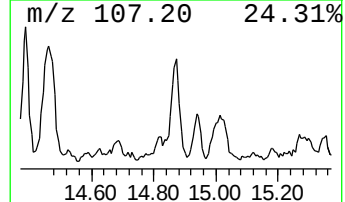
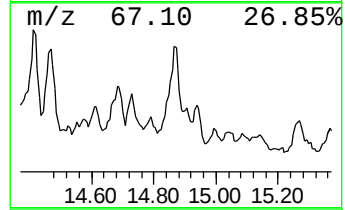
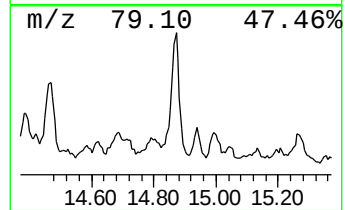
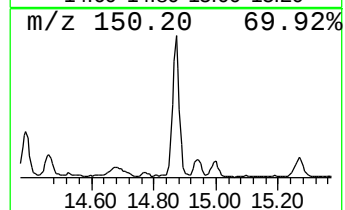
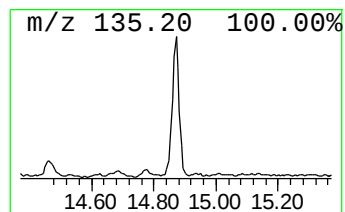
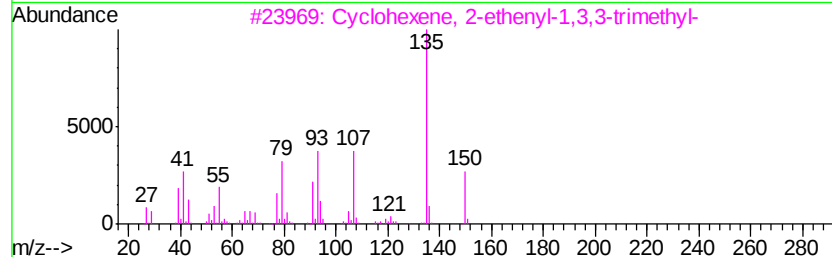
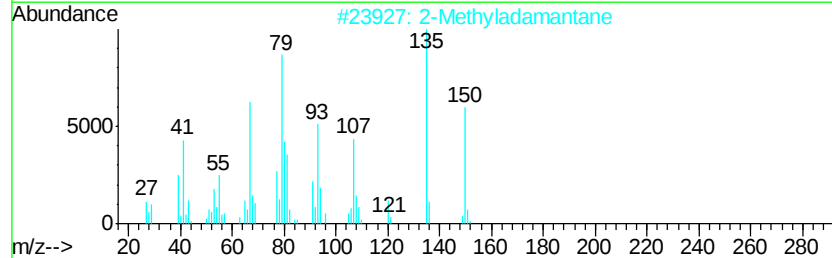
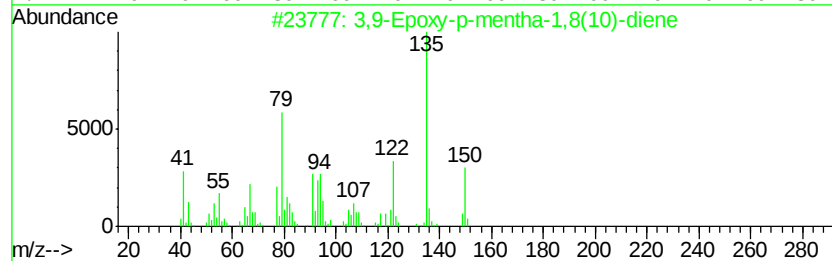
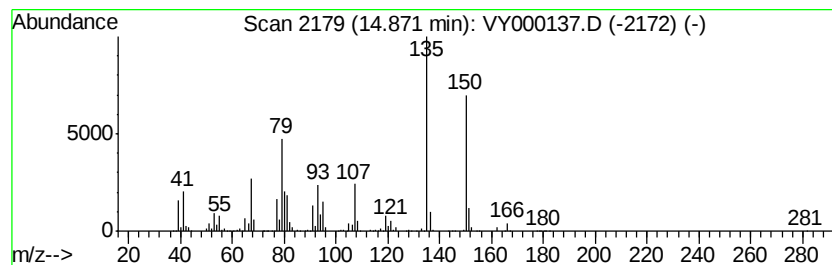
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092319S.M
Quant Title : SW846 8260

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

Peak Number 10 3,9-Epoxy-p-mentha-1,8(10)-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.87	128.68 ug/l	1018100	1,4-Dichlorobenzene-d4	13.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,9-Epoxy-p-mentha-1,8(10)-diene	150	C10H14O	1000111-14-8	76
2	2-Methyladamantane	150	C11H18	000700-56-1	64
3	Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	59
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	53
5	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY092319\
Data File : VY000137.D
Acq On : 23 Sep 2019 17:44
Operator : SY/MD
Sample : K5008-07
Misc : 5.68g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-7

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092319S.M
Quant Title : SW846 8260

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

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					#	RT	Resp	Conc
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unknown12.57	12.57	140.6	ug/l	1112390	4	13.42	395585	50.0
unknown12.73	12.73	195.6	ug/l	1547590	4	13.42	395585	50.0
unknown12.79	12.79	178.9	ug/l	1415270	4	13.42	395585	50.0
unknown13.28	13.28	161.2	ug/l	1275680	4	13.42	395585	50.0
Adamantane	14.12	154.6	ug/l	1223030	4	13.42	395585	50.0
unknown14.26	14.26	477.7	ug/l	3779720	4	13.42	395585	50.0
3,9-Epoxy-p-menth...	14.87	128.7	ug/l	1018100	4	13.42	395585	50.0