

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051120\
 Data File : VY002656.D
 Acq On : 11 May 2020 12:22
 Operator : SY/MD
 Sample : L2564-01
 Misc : 5.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-1

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\82Y043020S.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	7.736	973	984	990	rBV	218969	532158	3.26%	0.247%
2	7.809	990	996	1010	rVB	422588	947333	5.80%	0.439%
3	8.163	1039	1054	1065	rBV2	204657	554176	3.39%	0.257%
4	8.705	1134	1143	1153	rBV	611106	1178813	7.21%	0.547%
5	10.193	1378	1387	1395	rBV	922960	1623074	9.93%	0.753%
6	11.101	1531	1536	1541	rVB	109975	184647	1.13%	0.086%
7	11.211	1548	1554	1558	rBV3	94441	171238	1.05%	0.079%
8	11.284	1558	1566	1577	rVB3	276024	726402	4.44%	0.337%
9	11.388	1577	1583	1589	rBV	349088	560285	3.43%	0.260%
10	11.498	1595	1601	1611	rBV	827895	1351771	8.27%	0.627%
11	11.601	1611	1618	1621	rBV2	115547	205154	1.26%	0.095%
12	11.687	1626	1632	1635	rVV5	132319	316687	1.94%	0.147%
13	11.742	1635	1641	1645	rVV2	269435	670502	4.10%	0.311%
14	11.784	1645	1648	1654	rVB2	204954	345727	2.12%	0.160%
15	11.937	1669	1673	1678	rVB2	149927	244016	1.49%	0.113%
16	12.016	1678	1686	1692	rBV5	515231	1404066	8.59%	0.651%
17	12.132	1700	1705	1709	rVB	755552	1026866	6.28%	0.476%
18	12.211	1713	1718	1720	rBV2	414885	660185	4.04%	0.306%
19	12.248	1720	1724	1730	rVB3	695241	1308721	8.01%	0.607%
20	12.339	1734	1739	1742	rBV3	293988	525113	3.21%	0.244%
21	12.388	1742	1747	1749	rBV4	312197	569928	3.49%	0.264%
22	12.424	1749	1753	1755	rBV	478544	541924	3.32%	0.251%
23	12.491	1760	1764	1767	rBV	632571	915822	5.60%	0.425%
24	12.534	1767	1771	1775	rVB	692695	909908	5.57%	0.422%
25	12.577	1775	1778	1782	rBV4	140089	197194	1.21%	0.091%
26	12.656	1786	1791	1792	rBV2	636509	890064	5.45%	0.413%
27	12.674	1792	1794	1799	rVB	954136	1313626	8.04%	0.609%
28	12.741	1799	1805	1808	rBV4	604413	1196355	7.32%	0.555%
29	12.815	1808	1817	1823	rBV6	1487187	3752182	22.96%	1.741%
30	12.869	1823	1826	1831	rVB3	731808	1068051	6.53%	0.495%
31	12.979	1836	1844	1847	rBV3	831746	2310301	14.14%	1.072%
32	13.046	1851	1855	1862	rVB	2529591	3825398	23.40%	1.775%
33	13.125	1862	1868	1873	rBV	3039201	4962554	30.36%	2.302%
34	13.174	1873	1876	1881	rBV2	473465	644255	3.94%	0.299%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051120\
 Data File : VY002656.D
 Acq On : 11 May 2020 12:22
 Operator : SY/MD
 Sample : L2564-01
 Misc : 5.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-1

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\82Y043020S.M
 Title : SW846 8260

35	13.235	1881	1886	1887	rBV2	691803	938360	5.74%	0.435%
36	13.260	1887	1890	1894	rVB2	1086082	1502565	9.19%	0.697%
37	13.327	1894	1901	1905	rBV3	3450636	5871194	35.92%	2.724%
38	13.369	1905	1908	1912	rBV3	1473104	1955638	11.97%	0.907%
39	13.406	1912	1914	1917	rVV	579986	583021	3.57%	0.270%
40	13.436	1917	1919	1921	rVV2	590754	743737	4.55%	0.345%
41	13.467	1921	1924	1928	rVB	2198350	2996616	18.33%	1.390%
42	13.509	1928	1931	1937	rVB3	1060648	1442311	8.82%	0.669%
43	13.601	1938	1946	1948	rBV2	1526879	2879694	17.62%	1.336%
44	13.631	1948	1951	1956	rVB	2829542	3983386	24.37%	1.848%
45	13.680	1956	1959	1967	rVB3	1580283	3331925	20.39%	1.546%
46	13.759	1967	1972	1976	rBV2	3056197	5099852	31.20%	2.366%
47	13.808	1976	1980	1981	rBV2	666456	919530	5.63%	0.427%
48	13.833	1981	1984	1988	rVV	1636554	2351944	14.39%	1.091%
49	13.894	1991	1994	1996	rVV	1325071	1968495	12.04%	0.913%
50	13.924	1996	1999	2004	rVV3	2401862	3462626	21.19%	1.606%
51	13.979	2004	2008	2012	rVB	3224489	4500754	27.54%	2.088%
52	14.028	2012	2016	2021	rVB2	1446892	2429218	14.86%	1.127%
53	14.089	2021	2026	2031	rVB	5256463	8074439	49.40%	3.746%
54	14.156	2031	2037	2042	rBV4	1285926	3142144	19.22%	1.458%
55	14.278	2042	2057	2065	rBV9	3352356	16344435	100.00%	7.582%
56	14.345	2065	2068	2072	rVB	2660619	3526361	21.58%	1.636%
57	14.393	2072	2076	2079	rBV2	2602341	3555271	21.75%	1.649%
58	14.430	2079	2082	2086	rVB3	1806902	2216114	13.56%	1.028%
59	14.491	2089	2092	2094	rBV4	424999	495102	3.03%	0.230%
60	14.528	2094	2098	2102	rVB2	1694210	2287344	13.99%	1.061%
61	14.576	2102	2106	2111	rBV3	1842297	3751552	22.95%	1.740%
62	14.625	2111	2114	2118	rVB	2401610	3107840	19.01%	1.442%
63	14.692	2118	2125	2130	rBV5	5599475	12964841	79.32%	6.014%
64	14.741	2130	2133	2140	rVB2	5315621	8647595	52.91%	4.012%
65	14.918	2159	2162	2164	rBV2	821886	1134872	6.94%	0.526%
66	14.954	2164	2168	2171	rVV2	2749914	3902795	23.88%	1.810%
67	15.064	2180	2186	2191	rBV2	2897368	6197270	37.92%	2.875%
68	15.223	2207	2212	2220	rBV4	3682150	7365305	45.06%	3.417%
69	15.302	2221	2225	2229	rVV	2220687	3489487	21.35%	1.619%
70	15.357	2229	2234	2246	rVB5	2650287	8040386	49.19%	3.730%
71	15.448	2246	2249	2257	rVB7	1317560	3174673	19.42%	1.473%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051120\
Data File : VY002656.D
Acq On : 11 May 2020 12:22
Operator : SY/MD
Sample : L2564-01
Misc : 5.08G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SW-1

Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Title : SW846 8260

72	15.540	2257	2264	2271	rBV4	2122236	5621420	34.39%	2.608%
73	15.619	2272	2277	2282	rVB5	1563266	2824272	17.28%	1.310%
74	15.698	2283	2290	2294	rBV4	1532043	4059406	24.84%	1.883%
75	15.899	2318	2323	2329	rBV3	1006480	1987917	12.16%	0.922%
76	16.046	2341	2347	2352	rBV3	1771713	3435830	21.02%	1.594%
77	16.241	2375	2379	2385	rVB2	1509426	2905582	17.78%	1.348%
78	16.308	2385	2390	2402	rVB6	1090748	3093892	18.93%	1.435%
79	16.503	2415	2422	2429	rBV	2555261	5627460	34.43%	2.611%

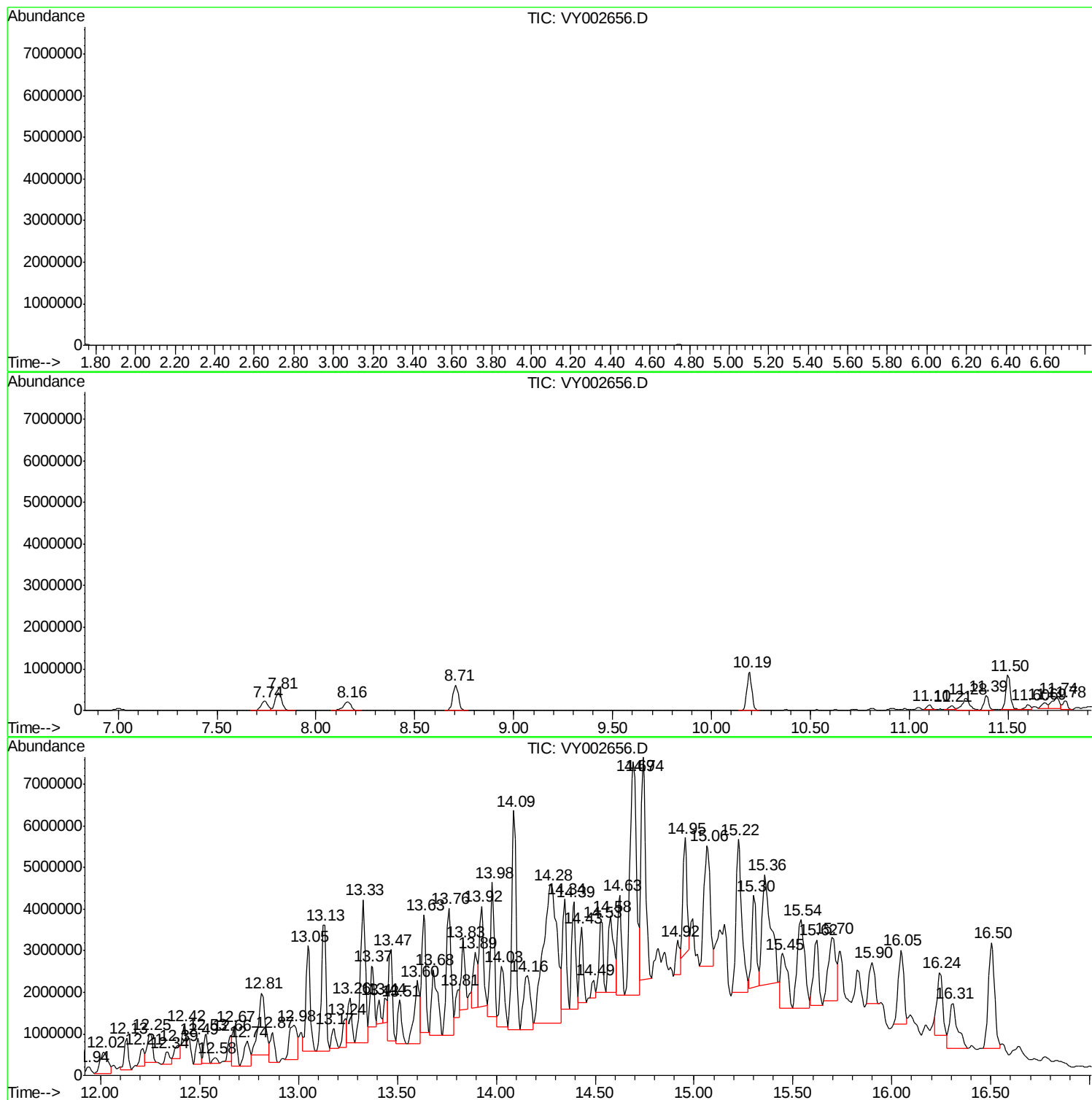
Sum of corrected areas: 215568967

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY051120\
Data File : VY002656.D
Acq On : 11 May 2020 12:22
Operator : SY/MD
Sample : L2564-01
Misc : 5.08G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SW-1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY051120\
Data File : VY002656.D
Acq On : 11 May 2020 12:22
Operator : SY/MD
Sample : L2564-01
Misc : 5.08G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SW-1

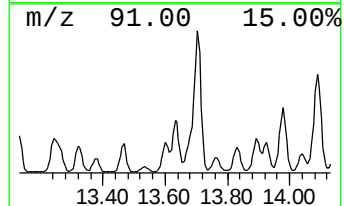
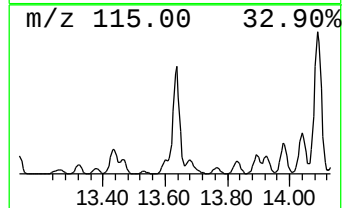
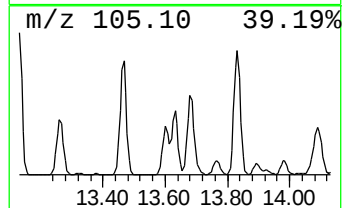
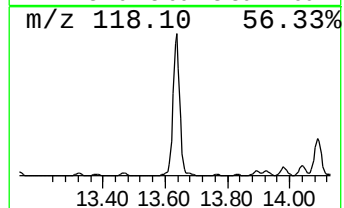
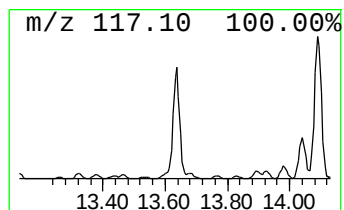
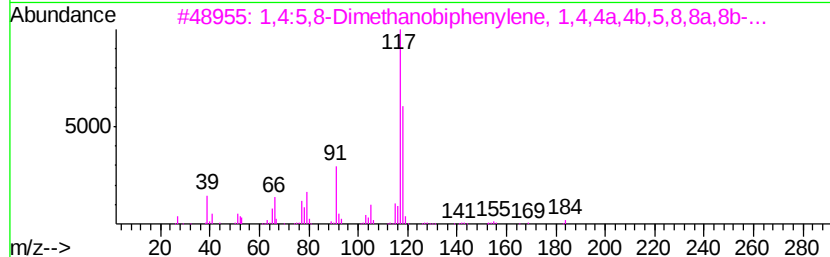
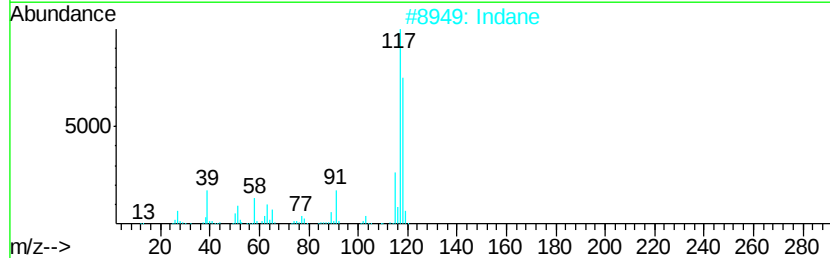
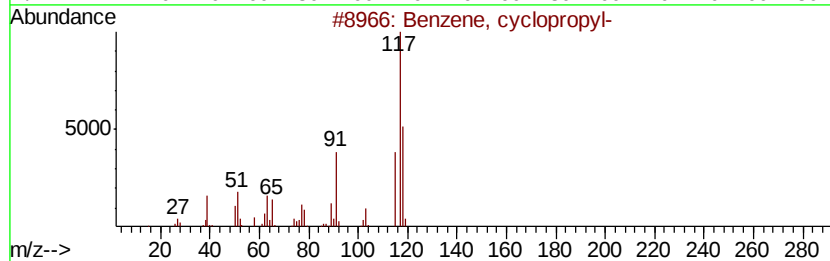
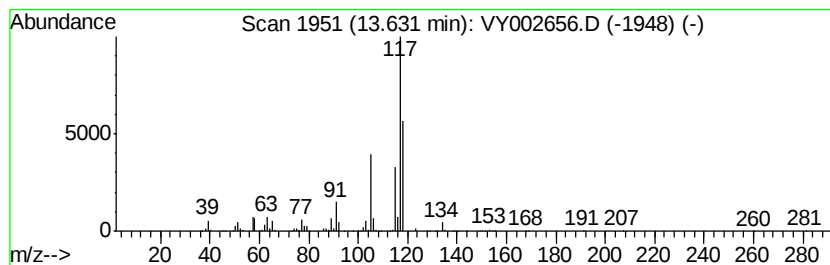
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, cyclopropyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	267.80 ug/l	3983390	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, cvclopropyl-	118	C9H10	000873-49-4	76
2		Indane	118	C9H10	000496-11-7	76
3		1,4:5,8-Dimethanobiphenylene, 1,...	184	C14H16	001624-13-1	72
4		Benzene, 2-propenyl-	118	C9H10	000300-57-2	62
5		Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY051120\
Data File : VY002656.D
Acq On : 11 May 2020 12:22
Operator : SY/MD
Sample : L2564-01
Misc : 5.08G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
SW-1

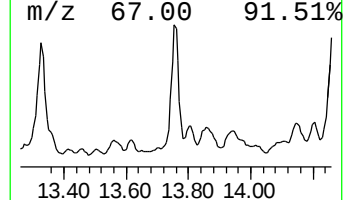
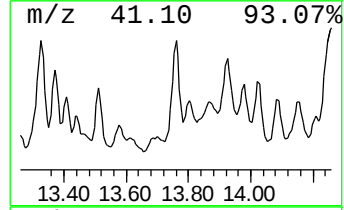
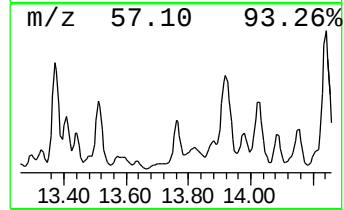
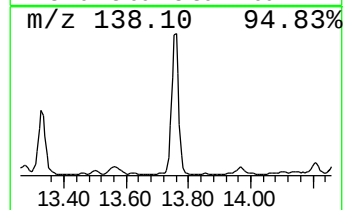
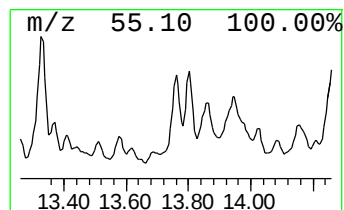
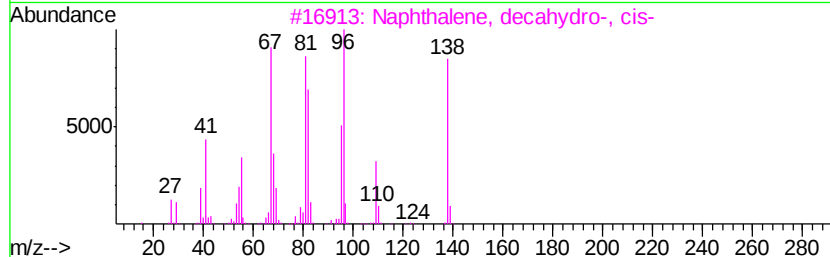
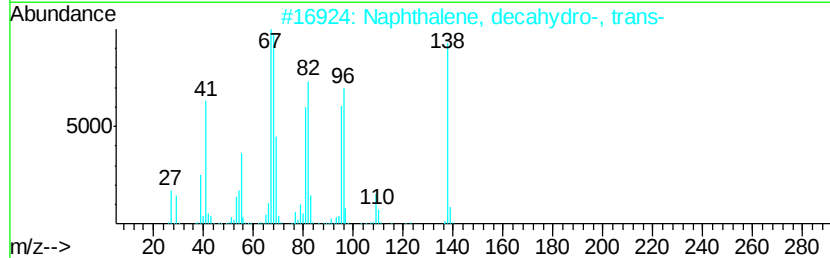
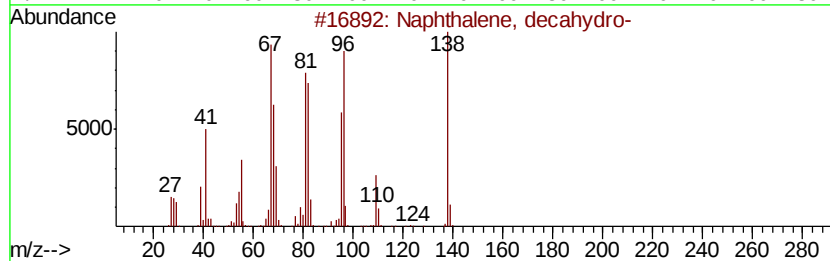
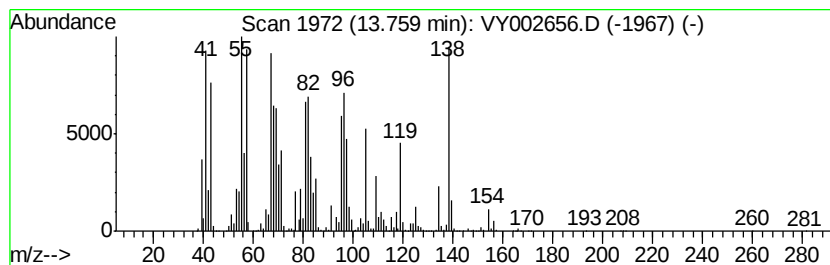
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, decahydro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	342.85 ug/l	5099850	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-	138	C10H18	000091-17-8	97
2		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	90
3		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	60
4		Cyclohexanol, 2-butyl-,	156	C10H20O	036159-49-6	60
5		Spiro[4.5]decane	138	C10H18	000176-63-6	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY051120\
Data File : VY002656.D
Acq On : 11 May 2020 12:22
Operator : SY/MD
Sample : L2564-01
Misc : 5.08G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SW-1

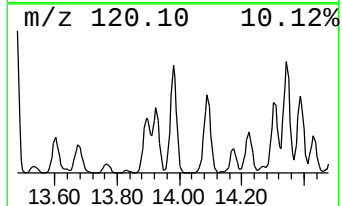
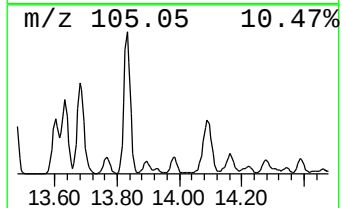
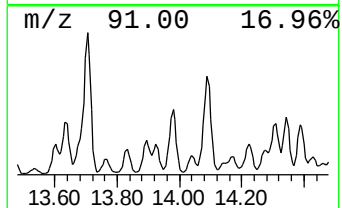
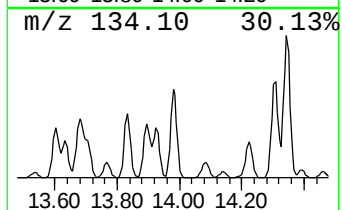
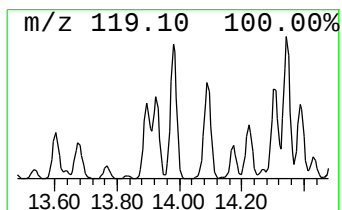
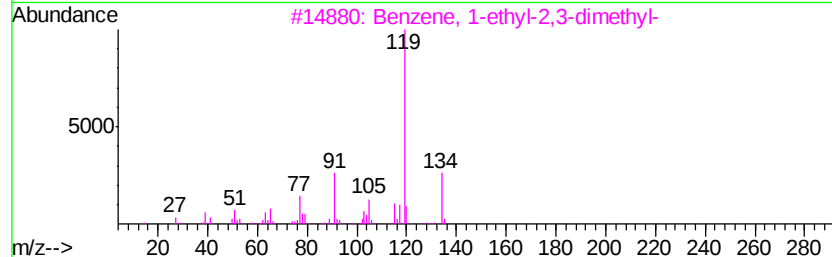
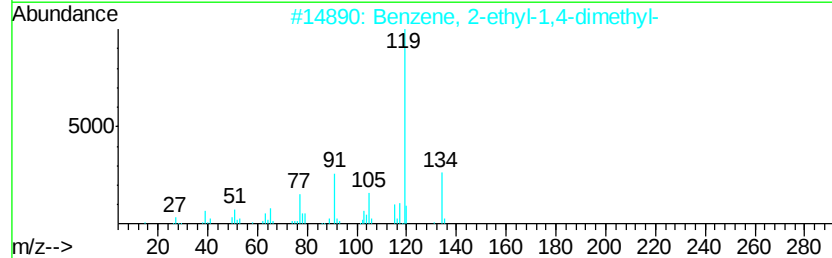
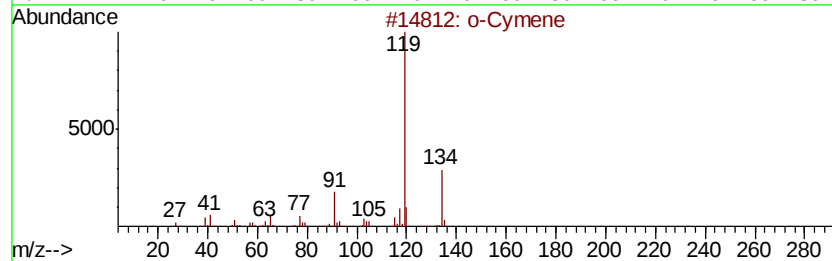
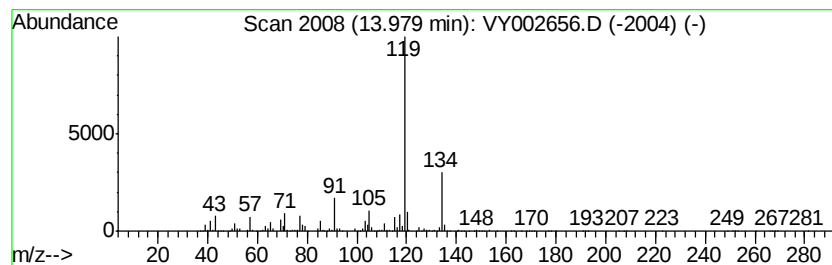
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

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

Peak Number 3 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	302.58 ug/l	4500750	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	95
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5		p-Cymene	134	C10H14	000099-87-6	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY051120\
Data File : VY002656.D
Acq On : 11 May 2020 12:22
Operator : SY/MD
Sample : L2564-01
Misc : 5.08G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SW-1

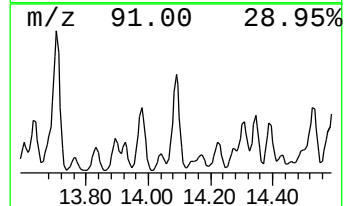
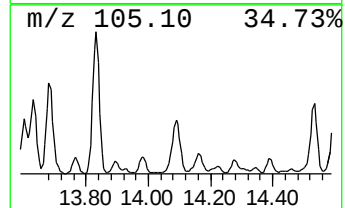
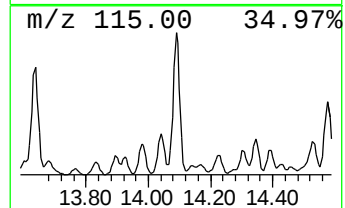
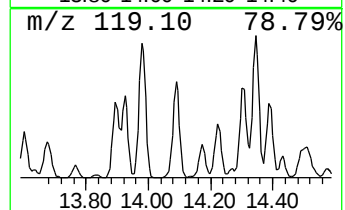
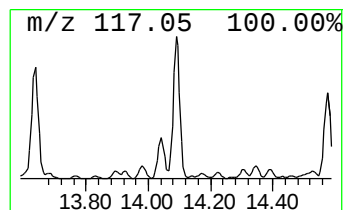
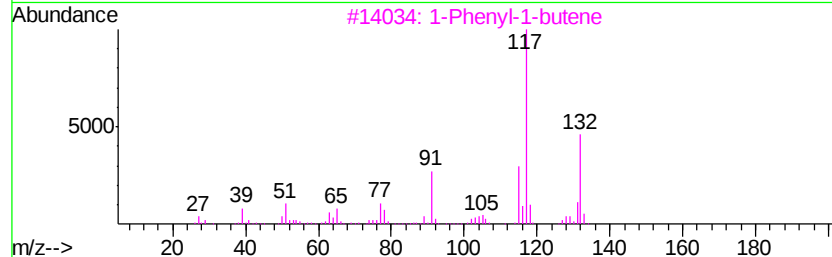
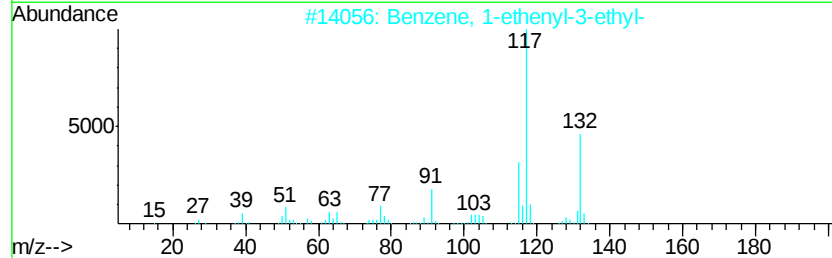
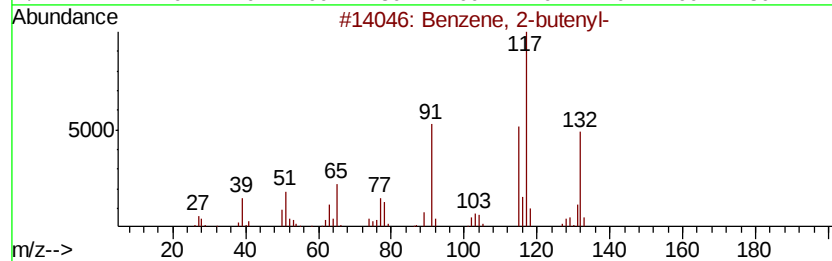
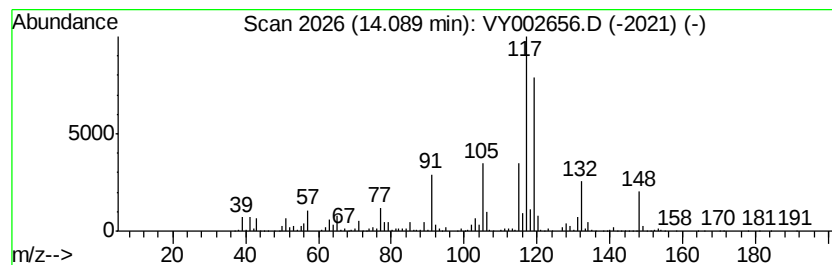
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, 2-butenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	542.83 ug/l	8074440	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	51
2		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	50
4		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	46
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY051120\
Data File : VY002656.D
Acq On : 11 May 2020 12:22
Operator : SY/MD
Sample : L2564-01
Misc : 5.08G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SW-1

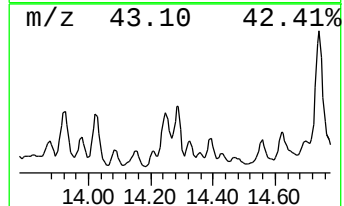
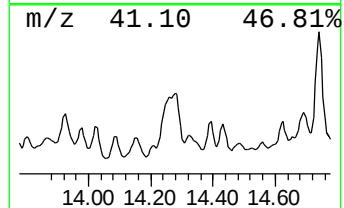
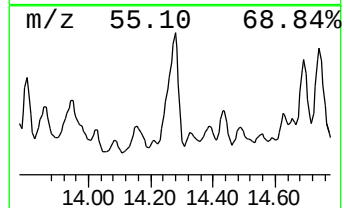
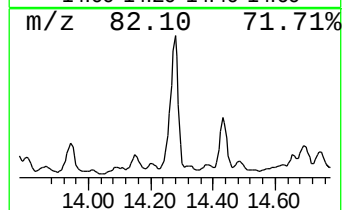
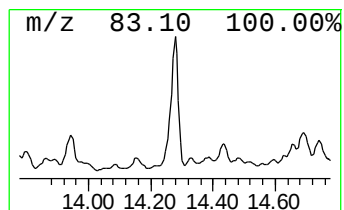
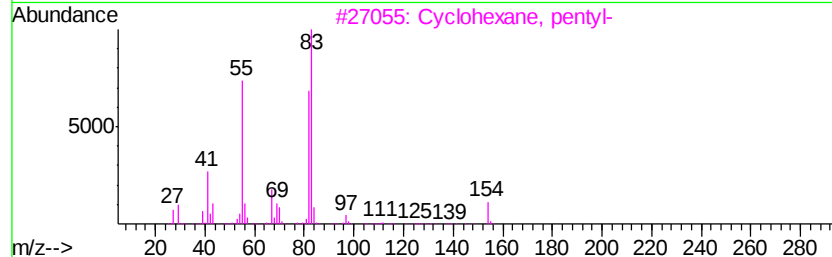
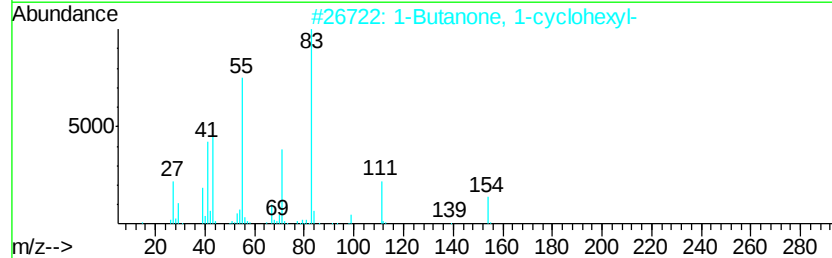
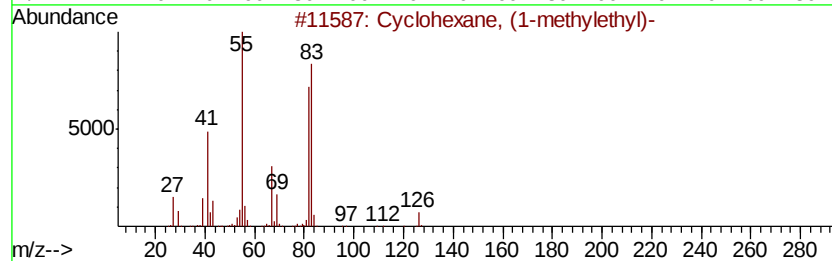
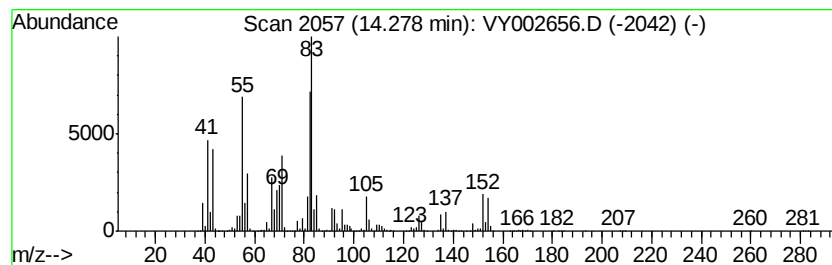
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

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

Peak Number 5 Cyclohexane, (1-methylethyl)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	1098.80 ug/l	16344400	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	55
2		1-Butanone, 1-cyclohexyl-	154	C10H18O	001462-27-7	53
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	46
5		Cyclohexane, octyl-	196	C14H28	001795-15-9	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY051120\
Data File : VY002656.D
Acq On : 11 May 2020 12:22
Operator : SY/MD
Sample : L2564-01
Misc : 5.08G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
SW-1

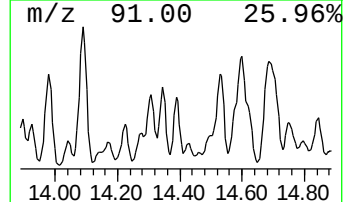
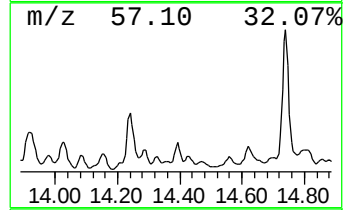
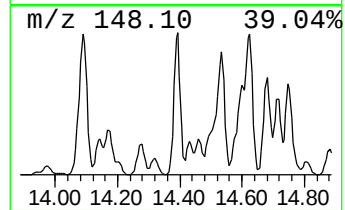
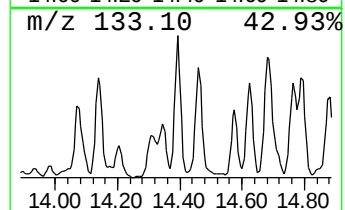
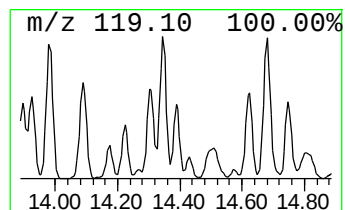
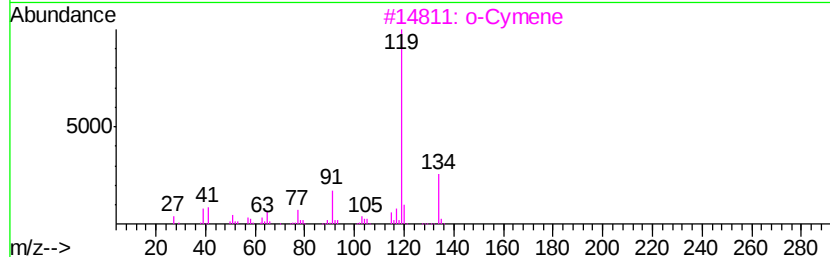
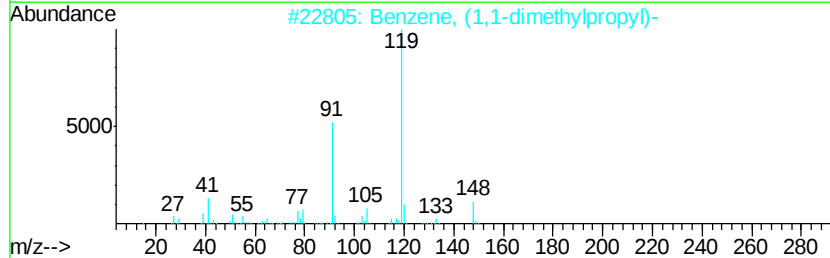
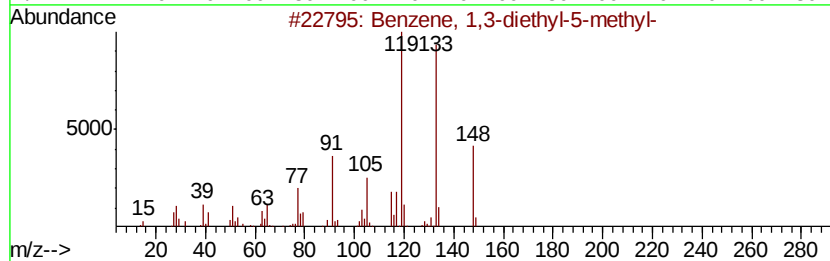
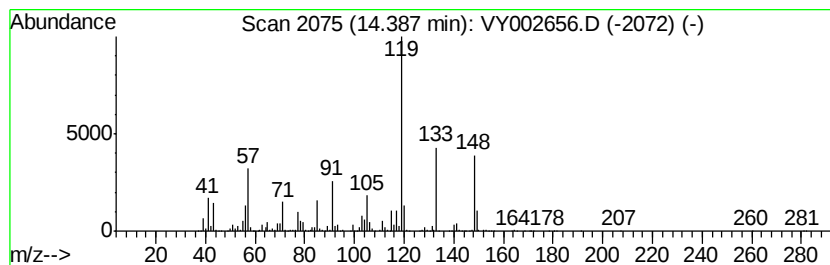
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

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

Peak Number 6 unknown14.39 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	239.01 ug/l	3555270	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	43
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
3		o-Cymene	134	C10H14	000527-84-4	42
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	38
5		p-Cymene	134	C10H14	000099-87-6	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY051120\
Data File : VY002656.D
Acq On : 11 May 2020 12:22
Operator : SY/MD
Sample : L2564-01
Misc : 5.08G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SW-1

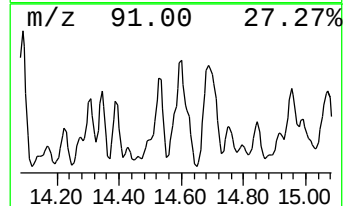
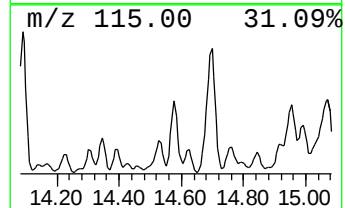
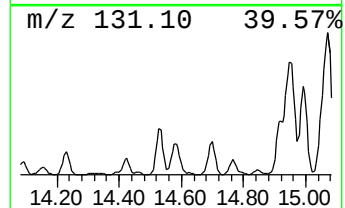
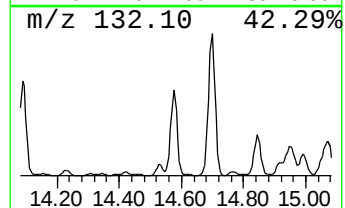
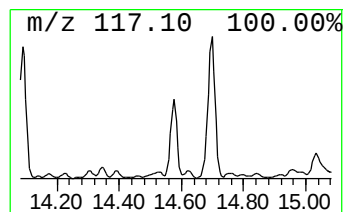
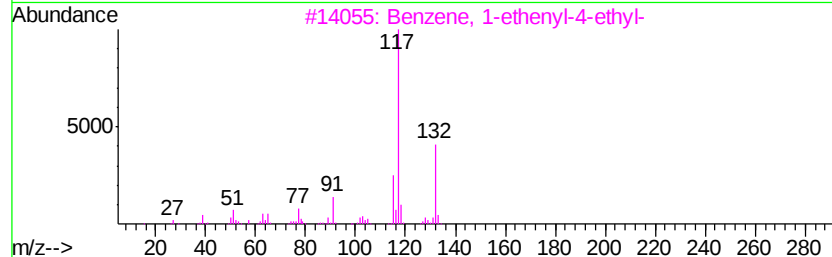
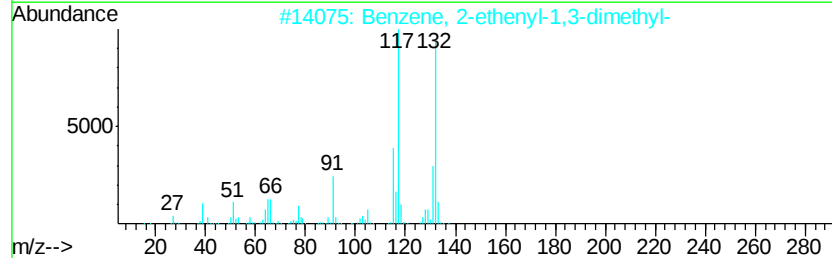
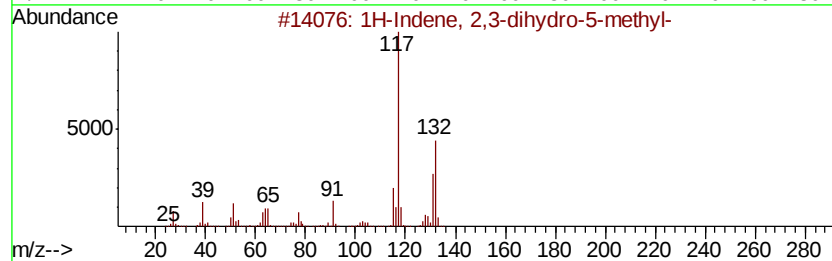
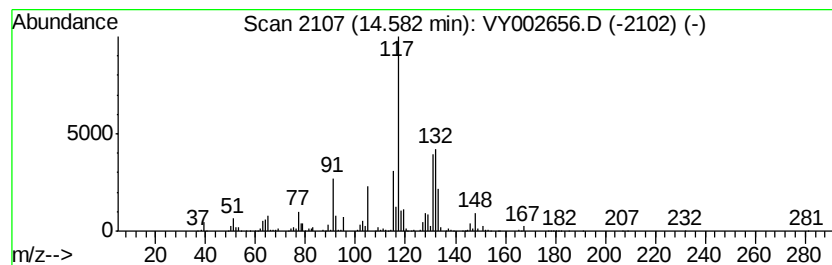
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

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

Peak Number 7 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	252.21 ug/l	3751550	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81
2		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	81
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
4		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	74
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	74



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY051120\
Data File : VY002656.D
Acq On : 11 May 2020 12:22
Operator : SY/MD
Sample : L2564-01
Misc : 5.08G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
SW-1

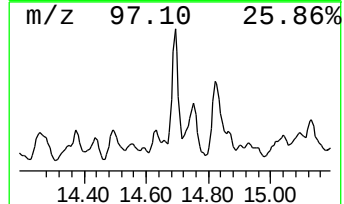
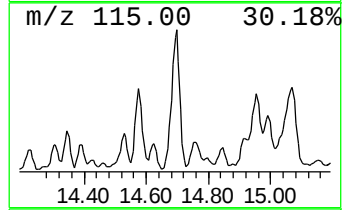
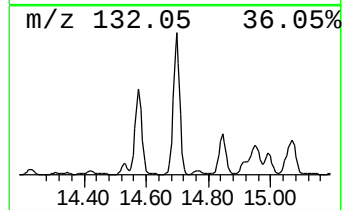
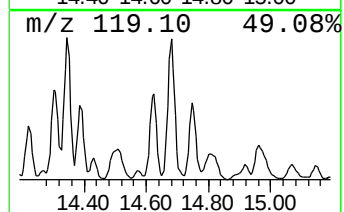
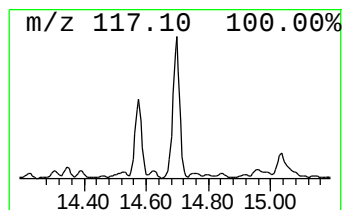
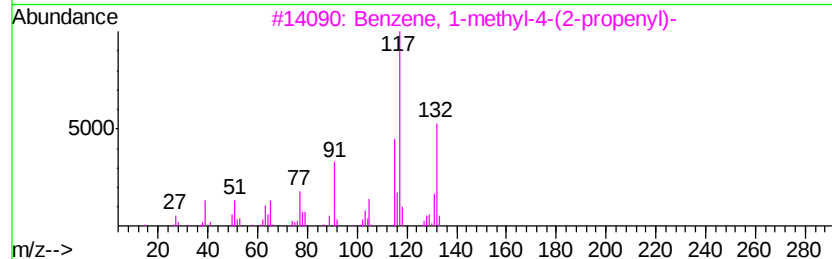
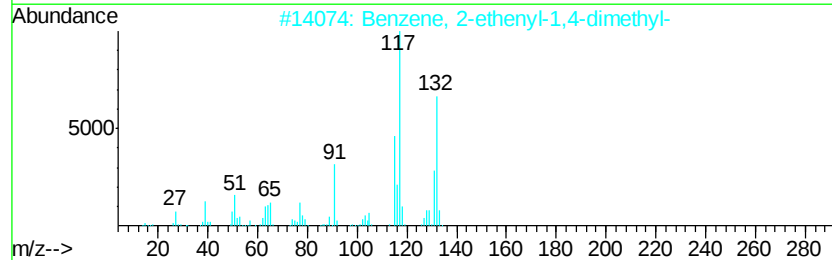
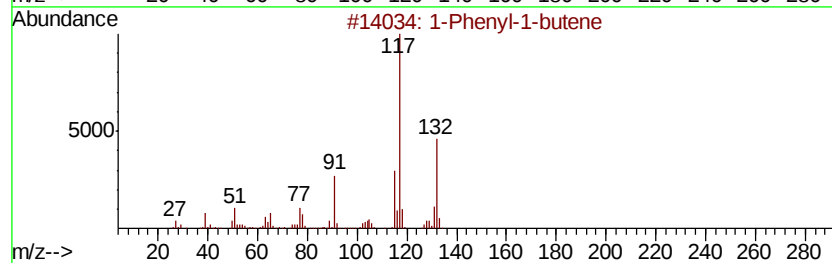
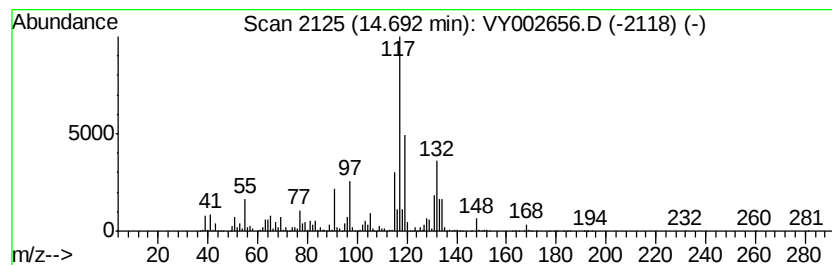
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

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

Peak Number 8 1-Phenyl-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	871.60 ug/l	12964800	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
3		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	83
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY051120\
Data File : VY002656.D
Acq On : 11 May 2020 12:22
Operator : SY/MD
Sample : L2564-01
Misc : 5.08G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SW-1

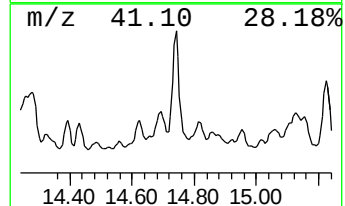
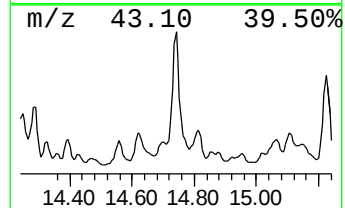
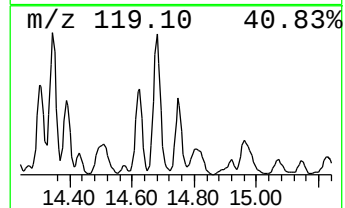
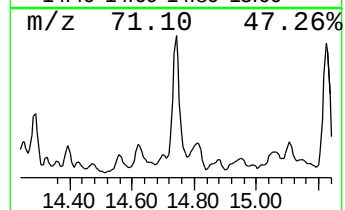
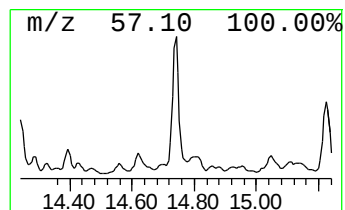
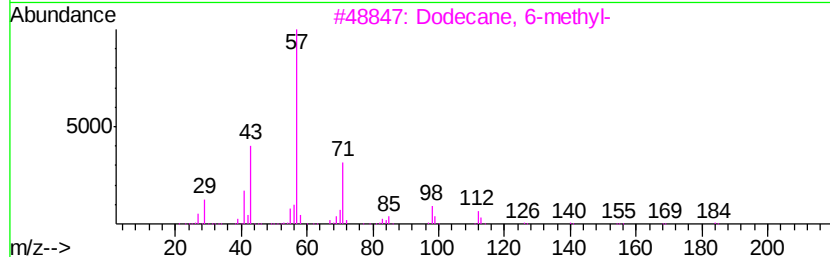
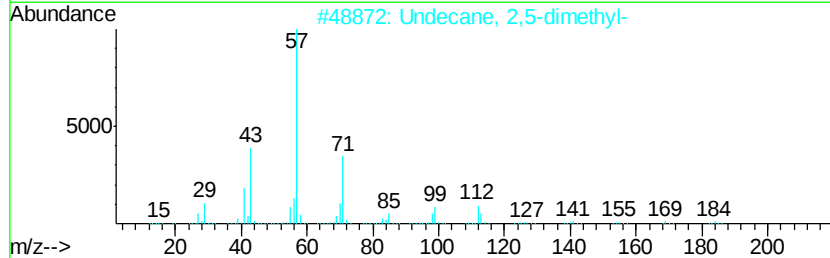
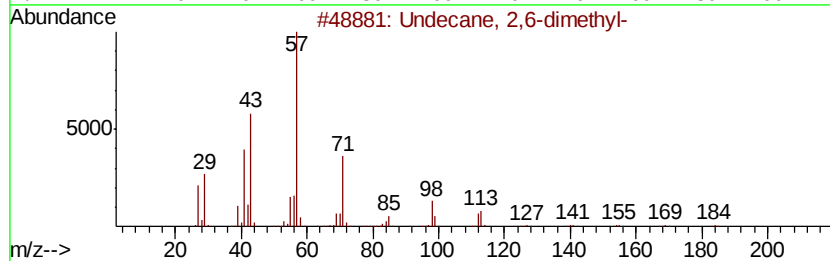
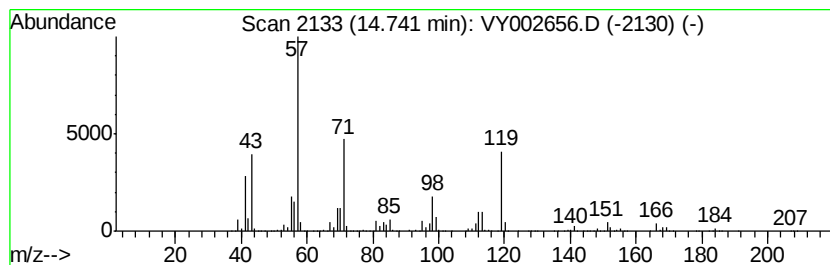
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

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

Peak Number 9 Undecane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	581.36 ug/l	8647600	1,4-Dichlorobenzene-d4	13.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	78
2	Undecane, 2,5-dimethyl-		184	C13H28	017301-22-3	46
3	Dodecane, 6-methyl-		184	C13H28	006044-71-9	45
4	Decane, 2,6,8-trimethyl-		184	C13H28	062108-26-3	43
5	1-Decene, 4-methyl-		154	C11H22	013151-29-6	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY051120\
Data File : VY002656.D
Acq On : 11 May 2020 12:22
Operator : SY/MD
Sample : L2564-01
Misc : 5.08G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SW-1

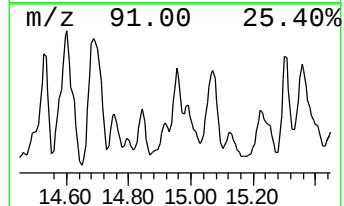
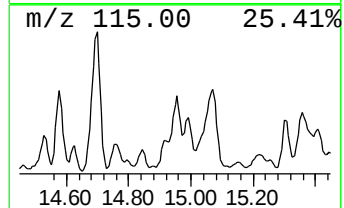
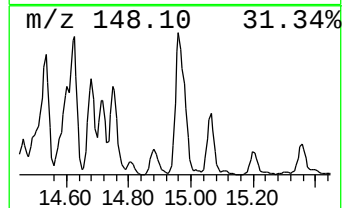
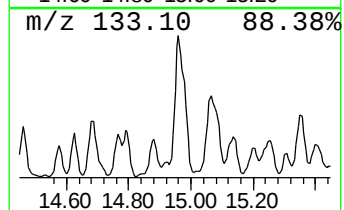
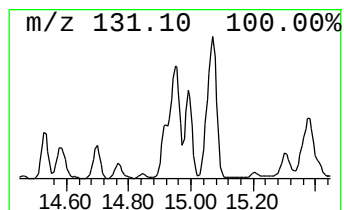
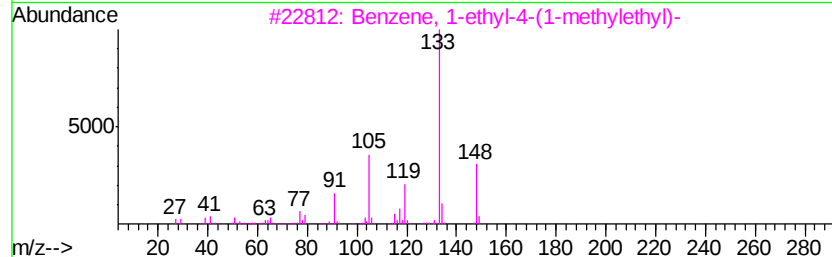
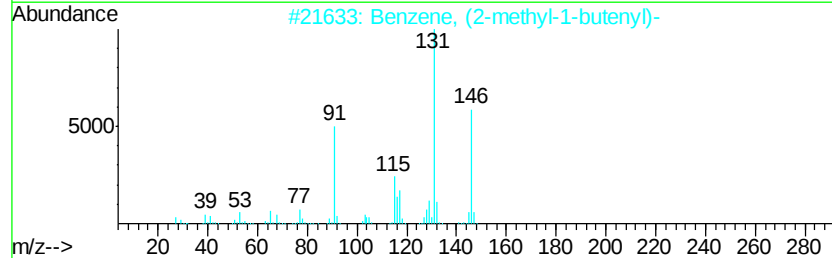
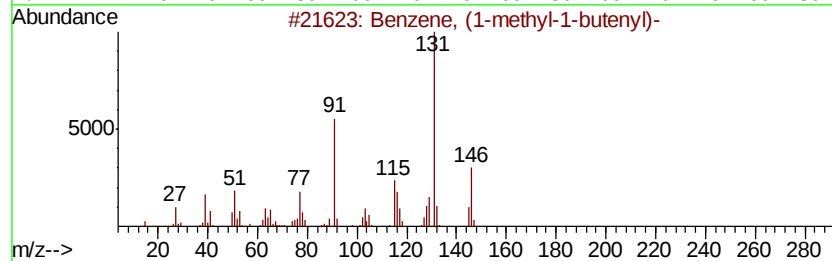
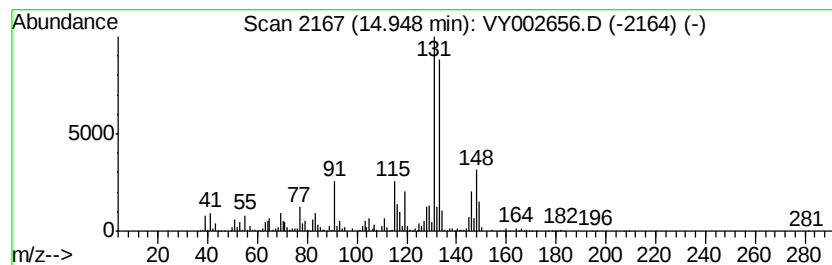
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, (1-methyl-1-butenyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	262.38 ug/l	3902800	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	66
2		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	60
3		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	58
4		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	58
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY051120\
Data File : VY002656.D
Acq On : 11 May 2020 12:22
Operator : SY/MD
Sample : L2564-01
Misc : 5.08G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SW-1

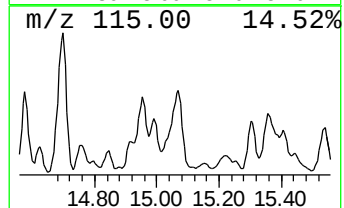
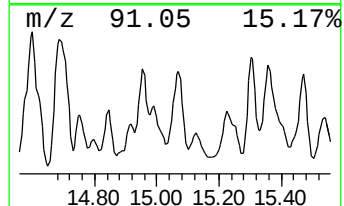
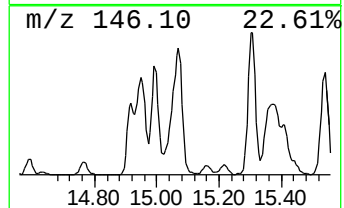
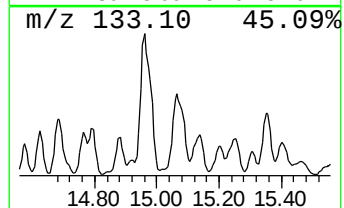
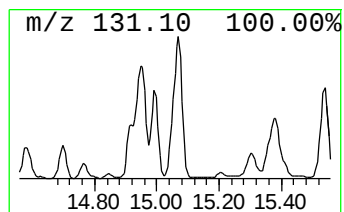
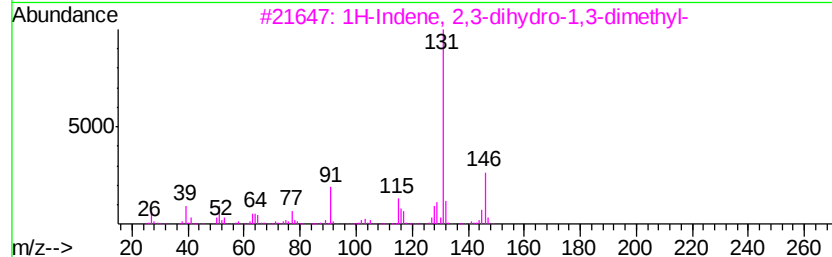
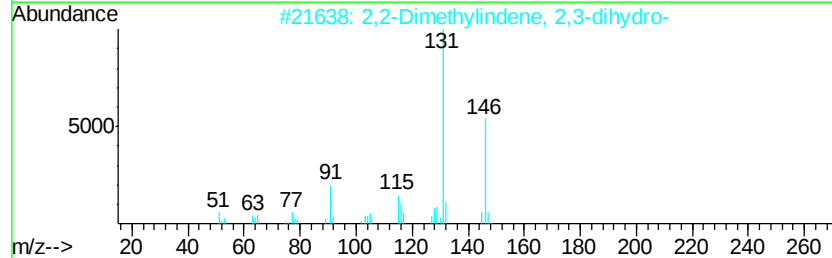
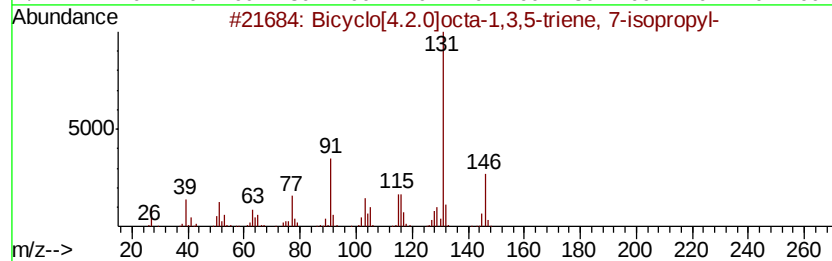
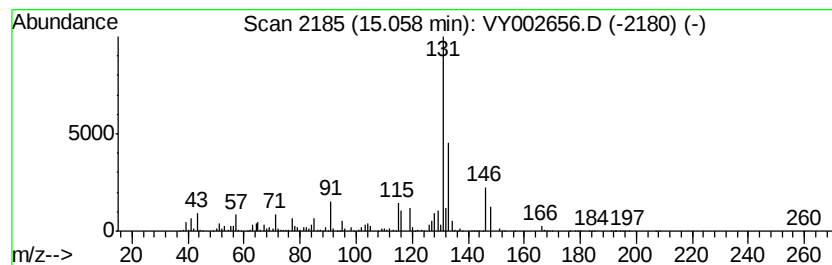
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

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

Peak Number 11 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	416.63 ug/l	6197270	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	91
2		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
3		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64
4		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	64
5		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY051120\
Data File : VY002656.D
Acq On : 11 May 2020 12:22
Operator : SY/MD
Sample : L2564-01
Misc : 5.08G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

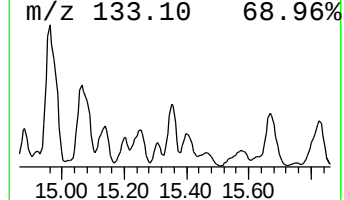
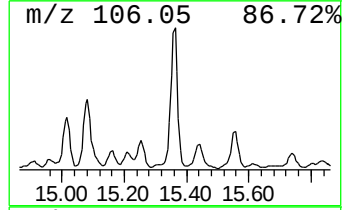
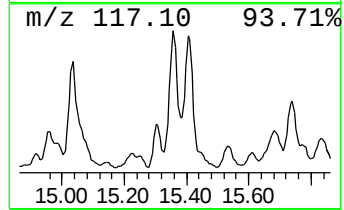
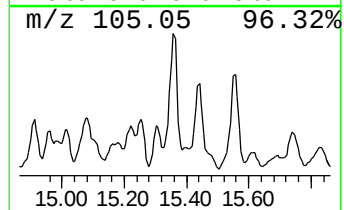
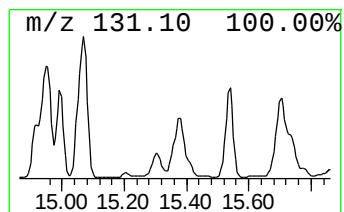
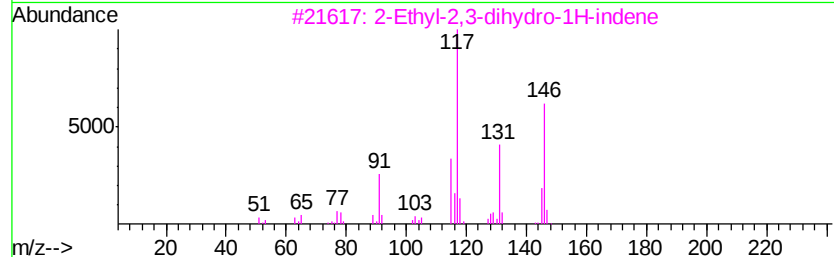
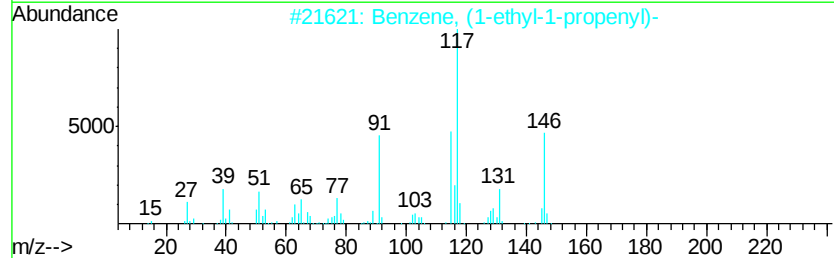
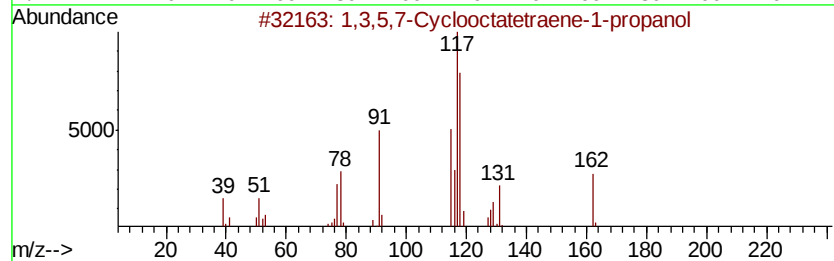
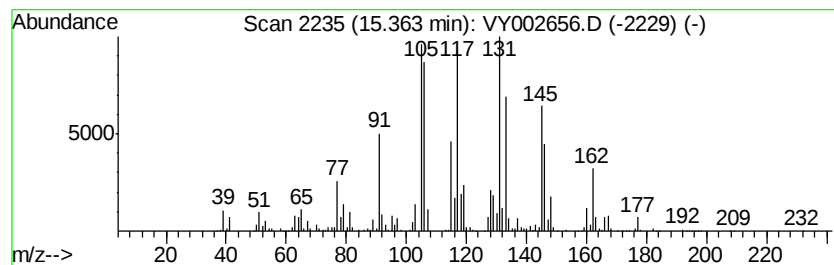
Instrument :
MSVOA_Y
ClientSampleId :
SW-1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

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

Peak Number 12 unknown13.56 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.36	540.54 ug/l	8040390	1,4-Dichlorobenzene-d4	13.44	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5,7-Cyclooctatetraene-1-prop...	162	C11H14O	054365-73-0	38
2	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	38
3	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	30
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	25
5	Bicyclo[4.2.1]nona-2,4,7-triene, ...	146	C11H14	1000164-42-6	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY051120\
Data File : VY002656.D
Acq On : 11 May 2020 12:22
Operator : SY/MD
Sample : L2564-01
Misc : 5.08G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SW-1

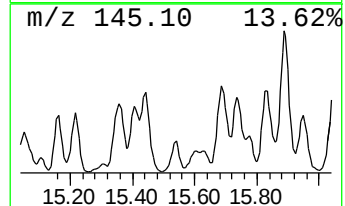
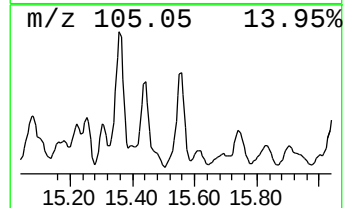
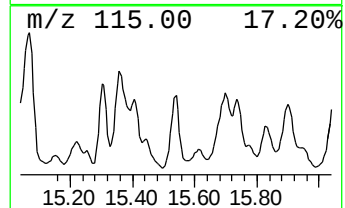
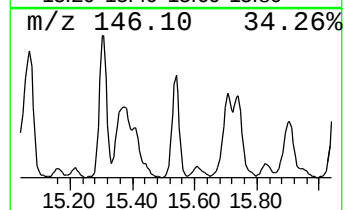
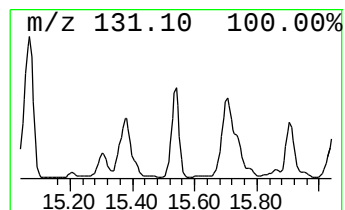
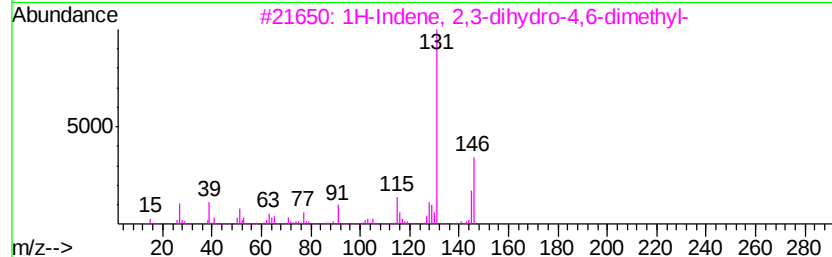
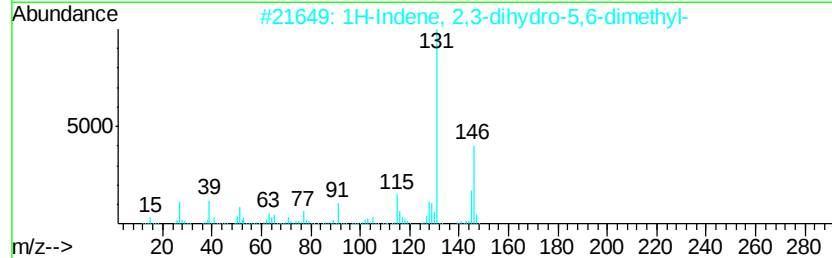
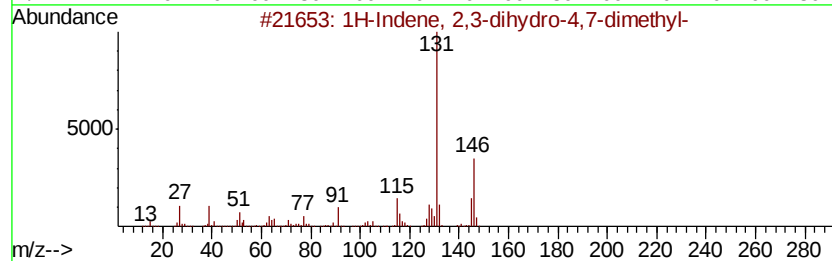
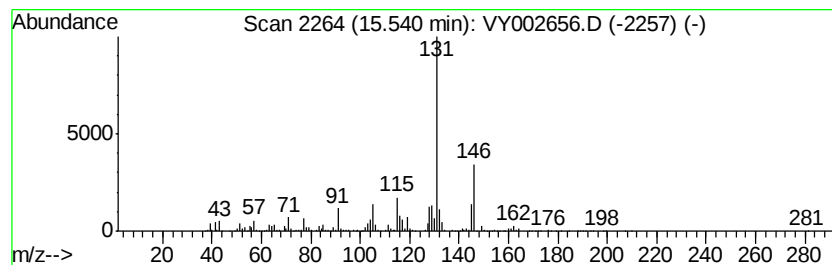
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

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

Peak Number 13 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	377.92 ug/l	5621420	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
2		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	91
3		1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	90
4		Benzene, (3-methyl-2-butenvl)-	146	C11H14	004489-84-3	90
5		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY051120\
Data File : VY002656.D
Acq On : 11 May 2020 12:22
Operator : SY/MD
Sample : L2564-01
Misc : 5.08G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SW-1

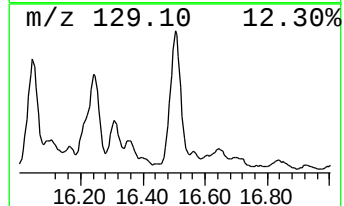
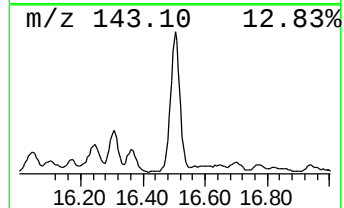
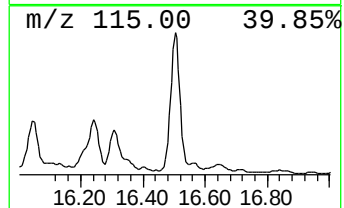
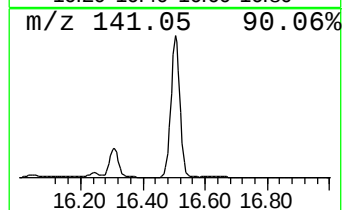
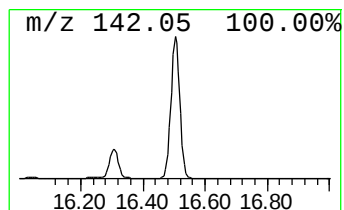
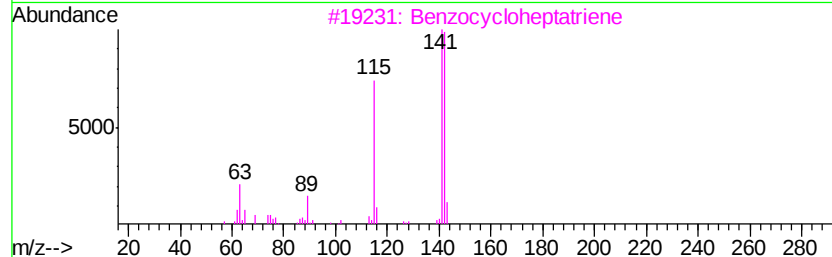
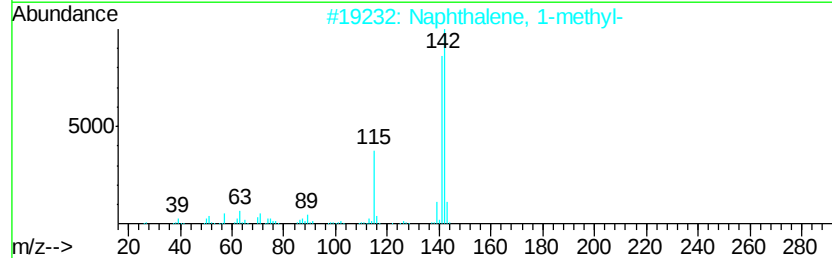
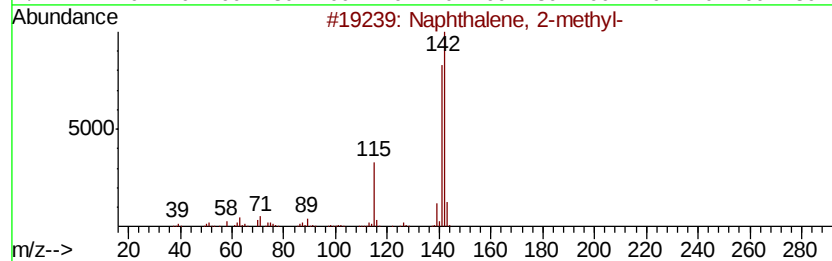
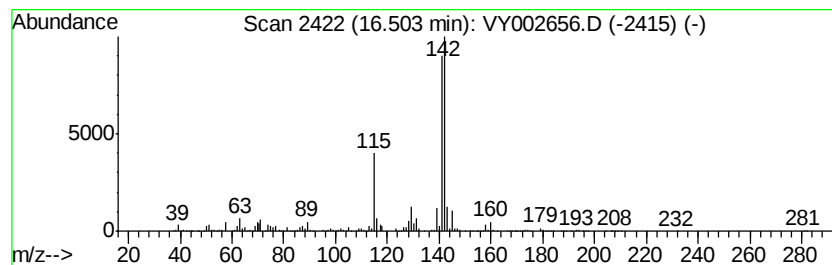
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

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

Peak Number 15 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	378.32 ug/l	5627460	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	90
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	87
5		Spiro(9-methylenetricyclo[6.2.1....	184	C13H12O	033929-47-4	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY051120\
 Data File : VY002656.D
 Acq On : 11 May 2020 12:22
 Operator : SY/MD
 Sample : L2564-01
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.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
Benzene, cyclopro...	13.63	267.8	ug/l	3983390	4	13.44	743737	50.0
Naphthalene, deca...	13.76	342.9	ug/l	5099850	4	13.44	743737	50.0
o-Cymene	13.98	302.6	ug/l	4500750	4	13.44	743737	50.0
Benzene, 2-butenyl-	14.09	542.8	ug/l	8074440	4	13.44	743737	50.0
Cyclohexane, (1-m...	14.28	1098.8	ug/l	16344400	4	13.44	743737	50.0
unknown14.39	14.39	239.0	ug/l	3555270	4	13.44	743737	50.0
1H-Indene, 2,3-di...	14.58	252.2	ug/l	3751550	4	13.44	743737	50.0
1-Phenyl-1-butene	14.69	871.6	ug/l	12964800	4	13.44	743737	50.0
Undecane, 2,6-dim...	14.74	581.4	ug/l	8647600	4	13.44	743737	50.0
Benzene, (1-methy...	14.95	262.4	ug/l	3902800	4	13.44	743737	50.0
Bicyclo[4.2.0]oct...	15.06	416.6	ug/l	6197270	4	13.44	743737	50.0
unknown13.56	15.36	540.5	ug/l	8040390	4	13.44	743737	50.0
1H-Indene, 2,3-di...	15.54	377.9	ug/l	5621420	4	13.44	743737	50.0
Naphthalene, 1-me...	16.50	378.3	ug/l	5627460	4	13.44	743737	50.0