

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060319\
 Data File : VW010668.D
 Acq On : 03 Jun 2019 19:11
 Operator : SY/VA
 Sample : K3165-03
 Misc : 1.03G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 30268

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\82W052019S.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	4.129	352	365	380	rBV	299755	813379	13.04%	1.193%
2	7.885	972	981	986	rBV	83008	197135	3.16%	0.289%
3	7.946	986	991	1000	rVB	137291	300132	4.81%	0.440%
4	8.305	1044	1050	1061	rVB	74345	167729	2.69%	0.246%
5	8.842	1130	1138	1149	rVB	202060	401090	6.43%	0.588%
6	10.323	1373	1381	1386	rBV	270607	488364	7.83%	0.716%
7	10.390	1386	1392	1402	rVB	2364765	4211273	67.53%	6.175%
8	11.634	1589	1596	1606	rVB	199264	347840	5.58%	0.510%
9	11.731	1606	1612	1616	rBV	40605	70561	1.13%	0.103%
10	11.841	1620	1630	1639	rBV2	350062	687361	11.02%	1.008%
11	12.164	1671	1683	1691	rBV	188392	399813	6.41%	0.586%
12	12.256	1692	1698	1702	rVB	39927	65539	1.05%	0.096%
13	12.372	1702	1717	1727	rBV8	44478	194850	3.12%	0.286%
14	12.542	1741	1745	1747	rVV	69682	114335	1.83%	0.168%
15	12.567	1747	1749	1753	rVV	69974	91590	1.47%	0.134%
16	12.622	1753	1758	1761	rVV	159114	267956	4.30%	0.393%
17	12.652	1761	1763	1768	rVB	69539	82379	1.32%	0.121%
18	12.804	1780	1788	1792	rBV	55392	103517	1.66%	0.152%
19	12.865	1792	1798	1802	rBV	253407	436674	7.00%	0.640%
20	12.932	1802	1809	1816	rVV2	657476	1247665	20.01%	1.830%
21	12.993	1816	1819	1823	rVB2	54400	74592	1.20%	0.109%
22	13.103	1823	1837	1844	rBV3	242678	797395	12.79%	1.169%
23	13.164	1844	1847	1854	rVB2	198218	316895	5.08%	0.465%
24	13.249	1854	1861	1866	rBV	641563	1085396	17.40%	1.592%
25	13.298	1866	1869	1873	rVB	49317	63560	1.02%	0.093%
26	13.347	1873	1877	1880	rBV3	62816	93956	1.51%	0.138%
27	13.384	1880	1883	1886	rVB2	57299	75496	1.21%	0.111%
28	13.445	1886	1893	1897	rBV4	258017	499375	8.01%	0.732%
29	13.487	1897	1900	1903	rVV2	208508	299732	4.81%	0.440%
30	13.524	1903	1906	1908	rVV	141001	191132	3.06%	0.280%
31	13.554	1908	1911	1914	rVV2	356209	554237	8.89%	0.813%
32	13.591	1914	1917	1920	rVV	309573	442338	7.09%	0.649%
33	13.627	1920	1923	1930	rVB	229683	378814	6.07%	0.555%
34	13.725	1935	1939	1940	rBV2	71921	96707	1.55%	0.142%

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35	13.755	1940	1944	1947	rBV3	427141	617295	9.90%	0.905%
36	13.792	1947	1950	1959	rVB3	353775	760735	12.20%	1.116%
37	13.877	1959	1964	1969	rBV	1926468	2855890	45.79%	4.188%
38	13.926	1969	1972	1974	rBV2	78230	106842	1.71%	0.157%
39	13.951	1974	1976	1979	rVB	99110	102238	1.64%	0.150%
40	14.042	1983	1991	1996	rVB3	374062	869130	13.94%	1.274%
41	14.097	1996	2000	2004	rBV	442635	622479	9.98%	0.913%
42	14.140	2004	2007	2013	rVB4	238659	401366	6.44%	0.589%
43	14.207	2013	2018	2023	rBV2	552606	940086	15.07%	1.379%
44	14.268	2023	2028	2034	rBV6	201358	475125	7.62%	0.697%
45	14.353	2034	2042	2044	rBV3	470245	972535	15.59%	1.426%
46	14.390	2045	2048	2052	rVB3	530334	766087	12.28%	1.123%
47	14.432	2052	2055	2058	rBV2	370023	455288	7.30%	0.668%
48	14.505	2063	2067	2070	rBV	615424	801870	12.86%	1.176%
49	14.548	2070	2074	2080	rVB4	336906	515120	8.26%	0.755%
50	14.609	2080	2084	2087	rBV2	193854	325421	5.22%	0.477%
51	14.646	2087	2090	2094	rVB	239014	284296	4.56%	0.417%
52	14.694	2094	2098	2099	rBV	519493	677306	10.86%	0.993%
53	14.731	2099	2104	2110	rVB2	3162242	4704977	75.44%	6.899%
54	14.810	2110	2117	2120	rBV4	1260611	2840167	45.54%	4.165%
55	14.847	2120	2123	2131	rVB2	1012361	1959050	31.41%	2.873%
56	14.963	2138	2142	2148	rVB	737651	1306892	20.96%	1.916%
57	15.066	2155	2159	2163	rBV3	495008	734879	11.78%	1.078%
58	15.176	2171	2177	2181	rBV7	536976	1396839	22.40%	2.048%
59	15.255	2187	2190	2198	rVB6	721425	1395554	22.38%	2.046%
60	15.334	2198	2203	2207	rBV	1183580	2132816	34.20%	3.128%
61	15.426	2215	2218	2222	rVB	363357	480524	7.71%	0.705%
62	15.475	2222	2226	2230	rBV2	582490	982006	15.75%	1.440%
63	15.560	2235	2240	2249	rVB	3718008	6236353	100.00%	9.145%
64	15.664	2249	2257	2263	rBV5	897245	2443112	39.18%	3.583%
65	15.737	2265	2269	2276	rVB3	517235	860879	13.80%	1.262%
66	15.871	2287	2291	2301	rVB2	1290216	2334257	37.43%	3.423%
67	16.023	2311	2316	2317	rBV4	397633	623229	9.99%	0.914%
68	16.182	2333	2342	2347	rBV5	825550	2343795	37.58%	3.437%
69	16.231	2347	2350	2357	rVV6	504763	970368	15.56%	1.423%
70	16.298	2357	2361	2367	rVB	397198	642503	10.30%	0.942%
71	16.383	2369	2375	2381	rVV2	901311	1831560	29.37%	2.686%

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Start Thrs: 0.2 Max Peaks: 100
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72	16.450	2381	2386	2390	rVV2	473687	952846	15.28%	1.397%
73	16.505	2390	2395	2401	rVB	1633208	2814962	45.14%	4.128%

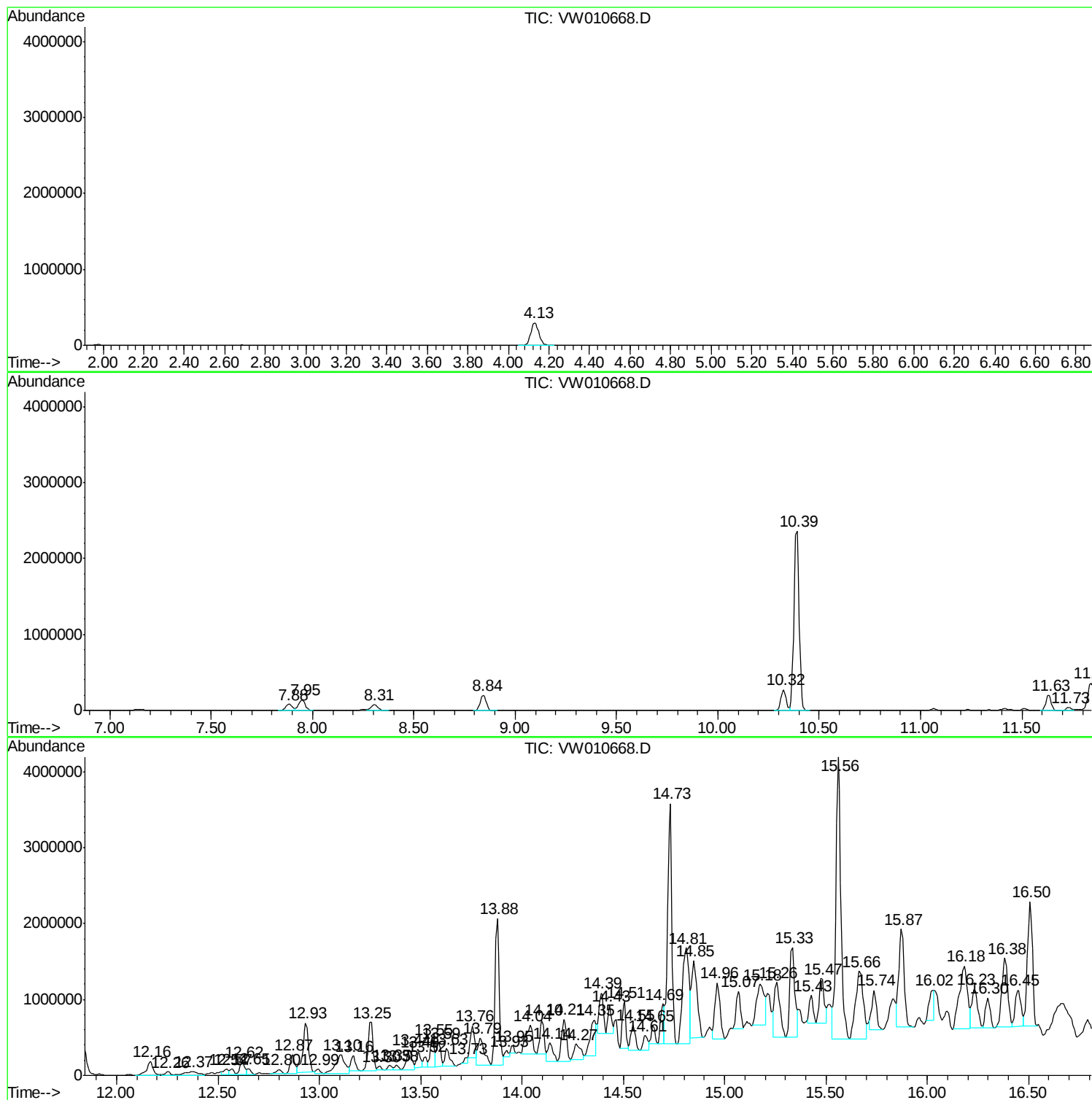
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260

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



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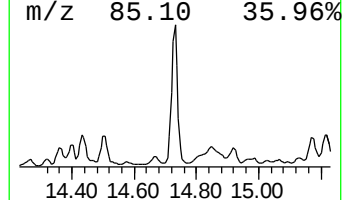
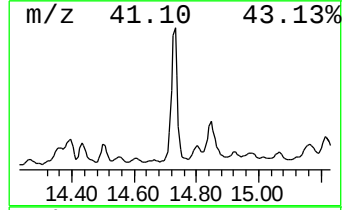
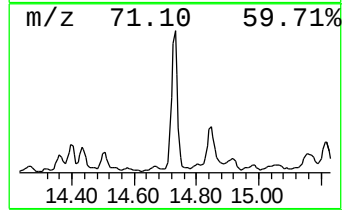
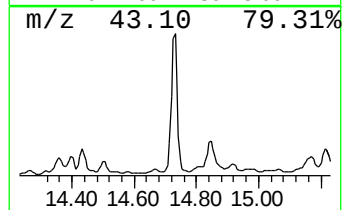
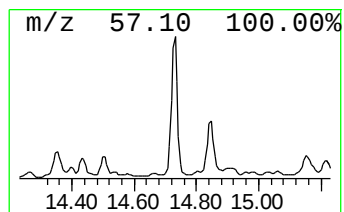
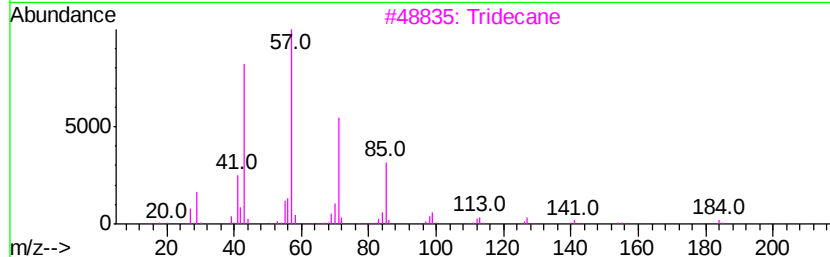
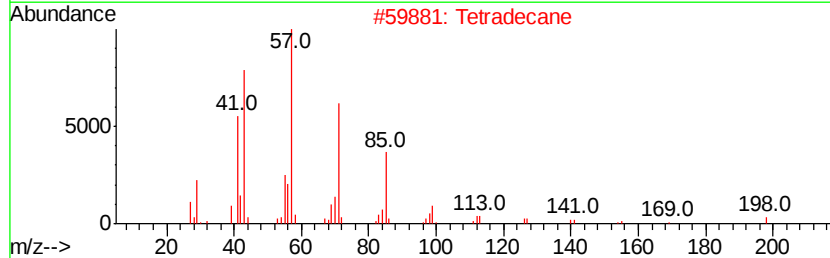
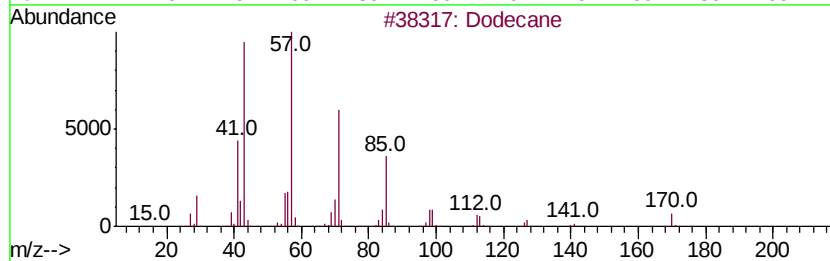
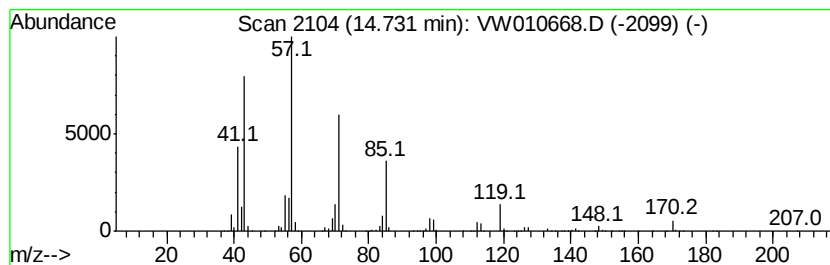
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260

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

Peak Number 1 Dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	424.46 ug/l	4704980	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	96
2	Tetradecane		198	C14H30	000629-59-4	83
3	Tridecane		184	C13H28	000629-50-5	80
4	Hexadecane		226	C16H34	000544-76-3	72
5	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	64



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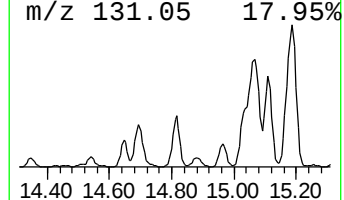
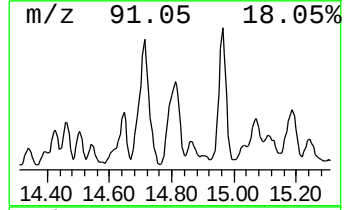
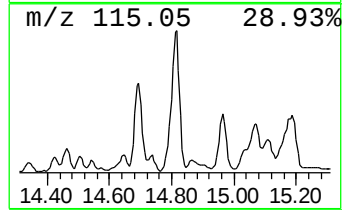
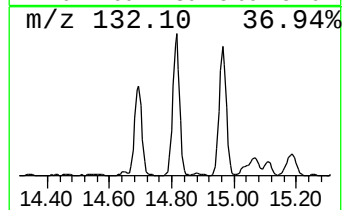
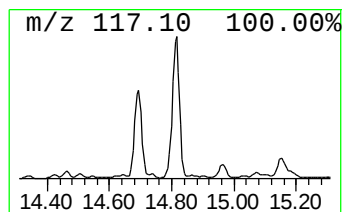
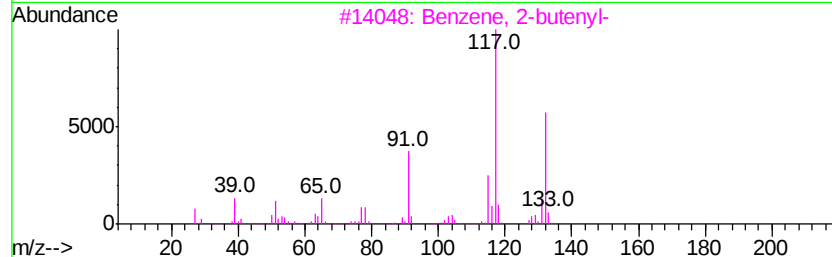
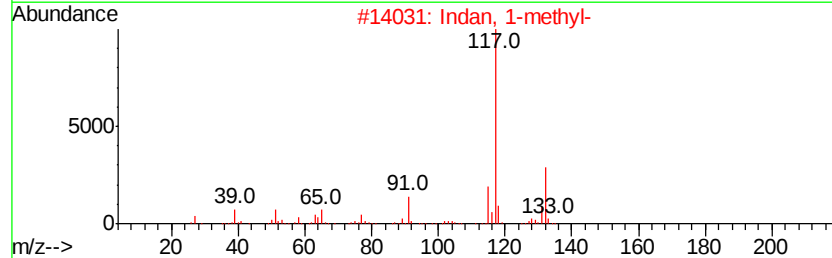
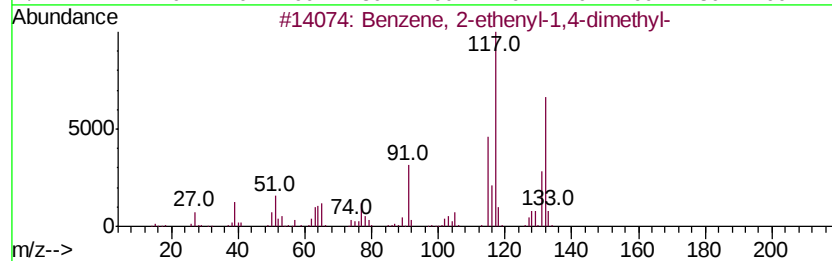
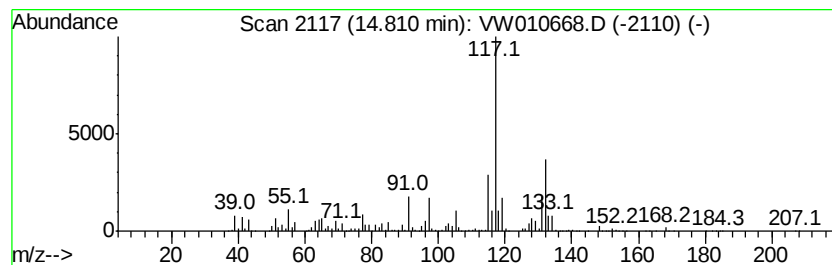
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	256.22 ug/l	2840170	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2		Indan, 1-methyl-	132	C10H12	000767-58-8	87
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	87



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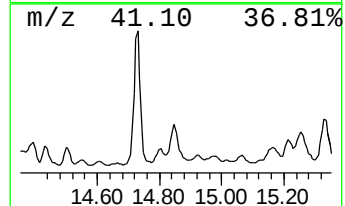
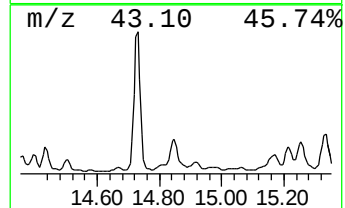
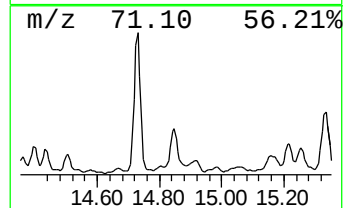
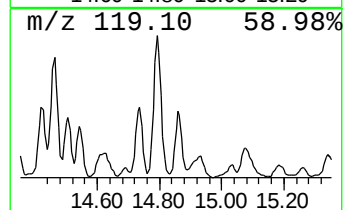
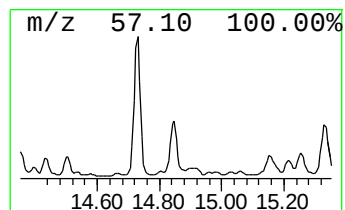
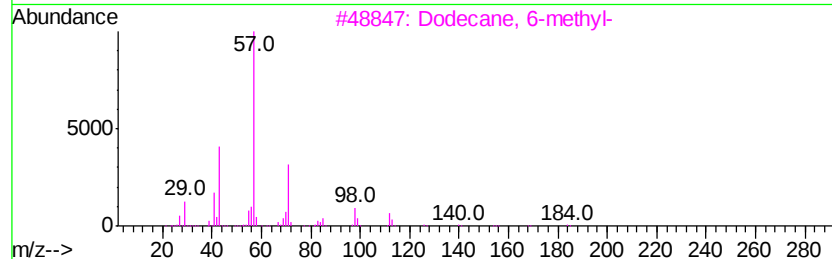
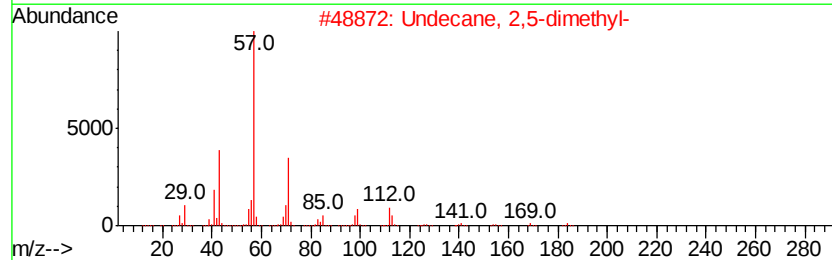
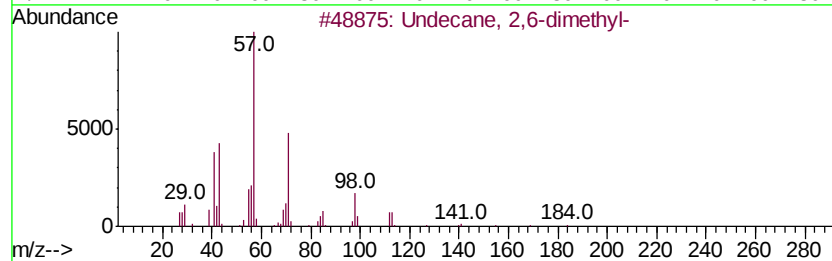
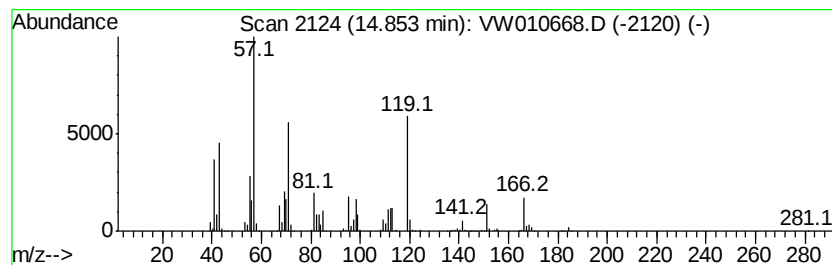
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TIC Library : C:\DATABASE\NIST11.L
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 Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	176.73 ug/l	1959050	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70
3		Dodecane, 6-methyl-	184	C13H28	006044-71-9	60
4		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	52
5		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	50



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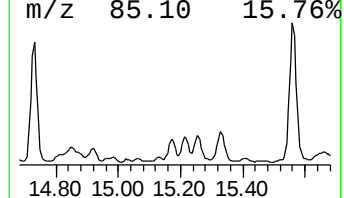
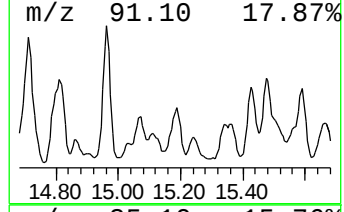
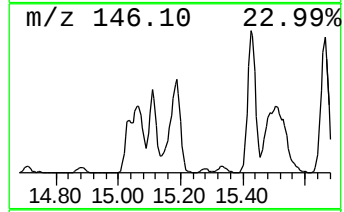
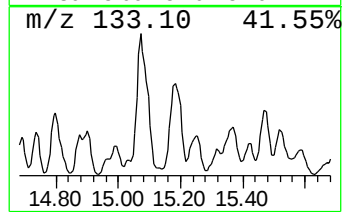
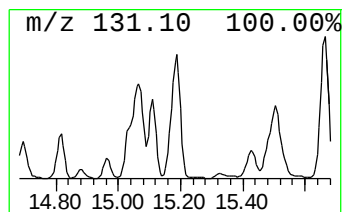
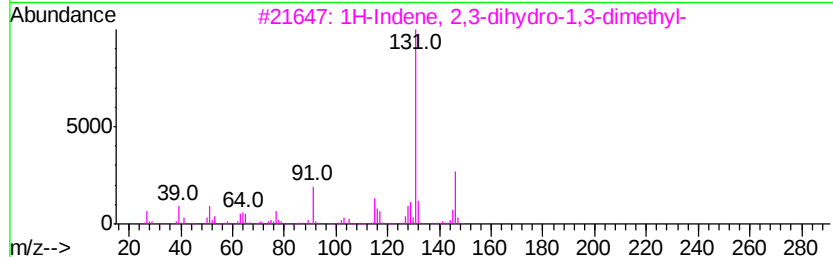
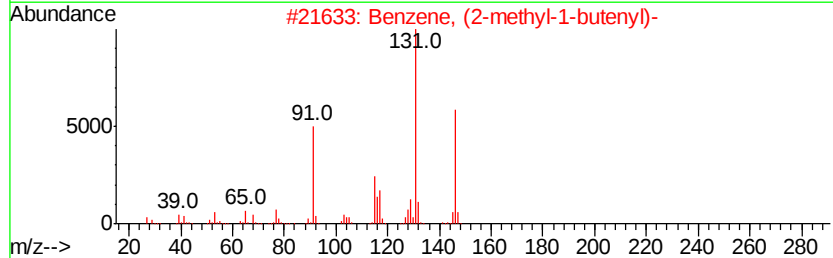
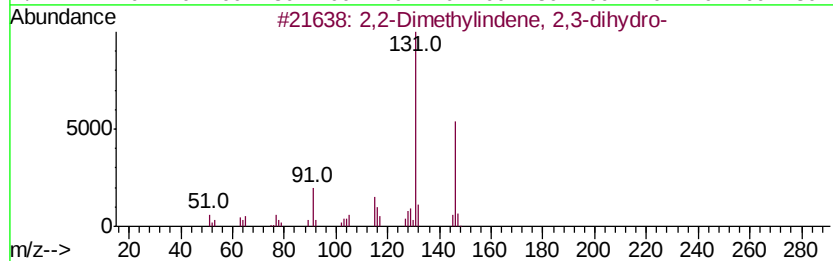
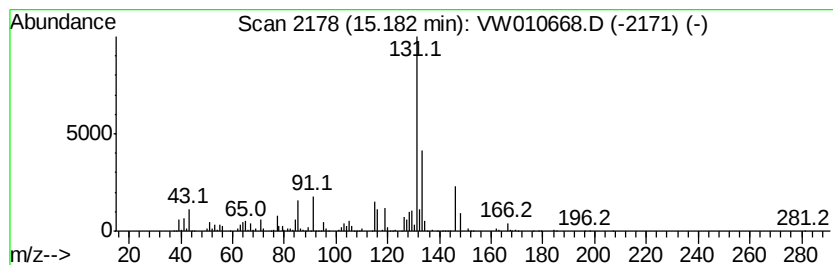
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Quant Title : SW846 8260

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

Peak Number 4 2,2-Dimethylindene, 2,3-dih... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	126.02 ug/l	1396840	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	60
2		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	53
3		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	53
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	53
5		Cyclopropane, 1-chloro-1-methyl-...	166	C10H11Cl	1000161-07-9	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060319\
Data File : VW010668.D
Acq On : 03 Jun 2019 19:11
Operator : SY/VA
Sample : K3165-03
Misc : 1.03G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
30268

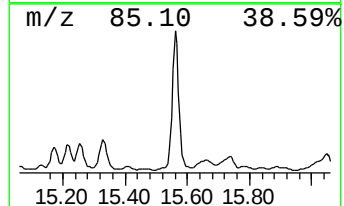
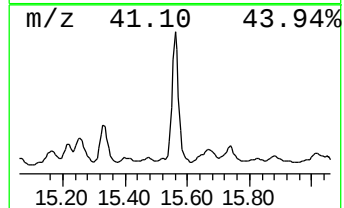
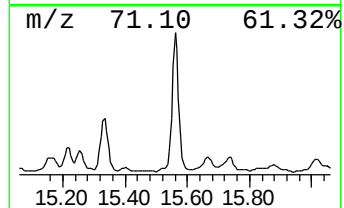
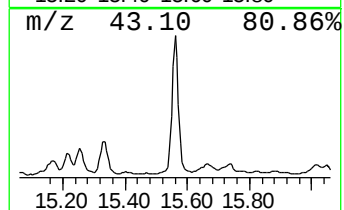
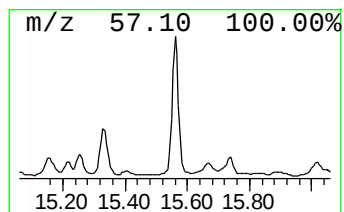
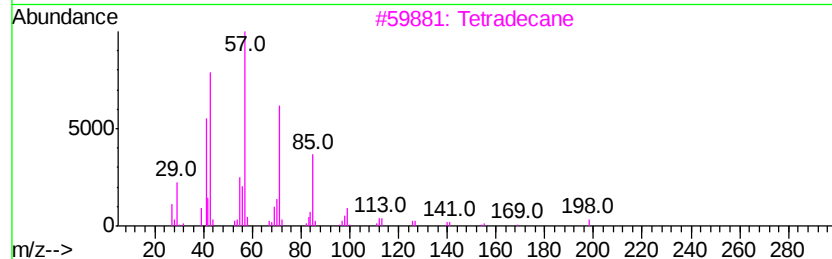
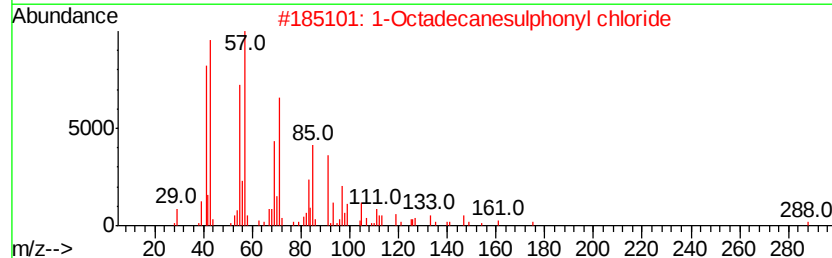
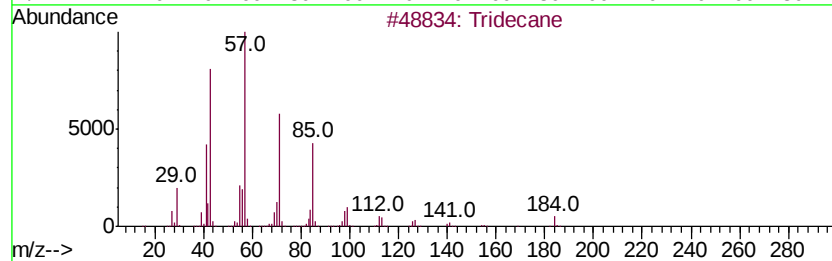
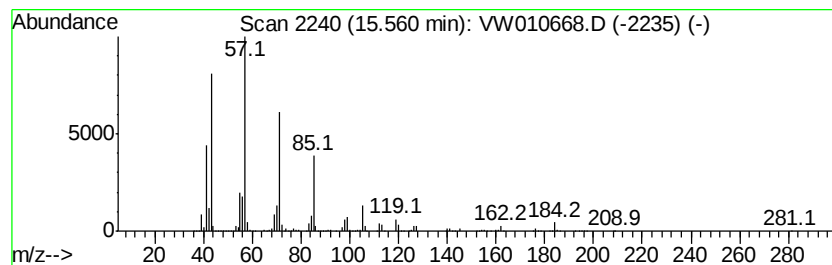
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Quant Title : SW846 8260

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

Peak Number 5 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	562.61 ug/l	6236350	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	98
2	1-Octadecanesulphonyl chloride		352	C18H37ClO2S	1000342-70-4	87
3	Tetradecane		198	C14H30	000629-59-4	80
4	Dodecane		170	C12H26	000112-40-3	80
5	Hexadecane		226	C16H34	000544-76-3	74



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060319\
Data File : VW010668.D
Acq On : 03 Jun 2019 19:11
Operator : SY/VA
Sample : K3165-03
Misc : 1.03G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

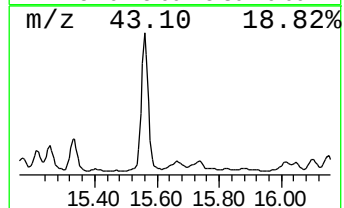
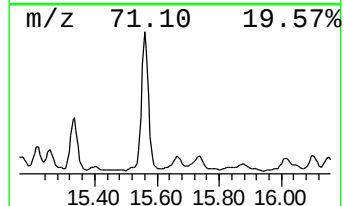
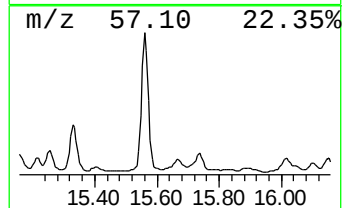
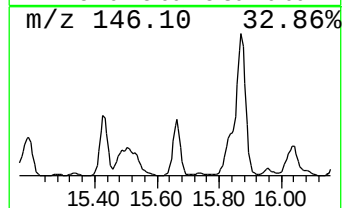
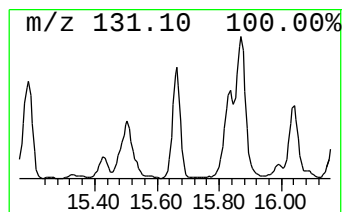
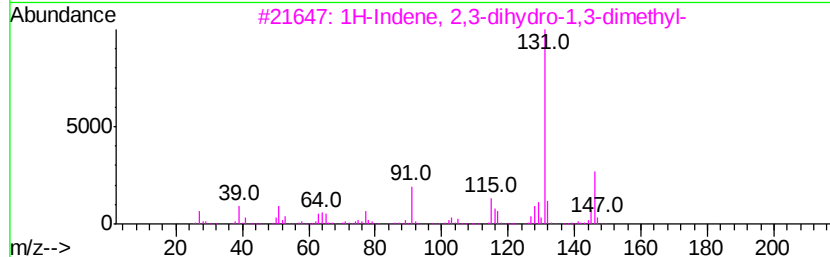
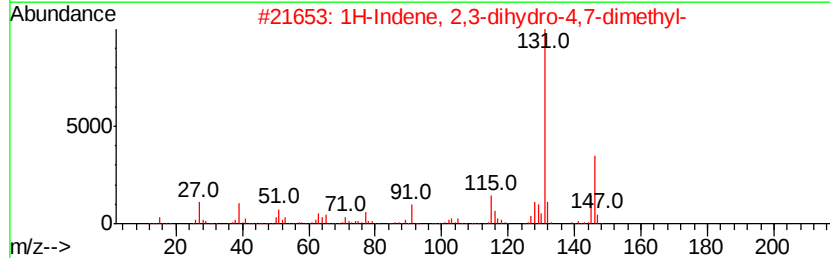
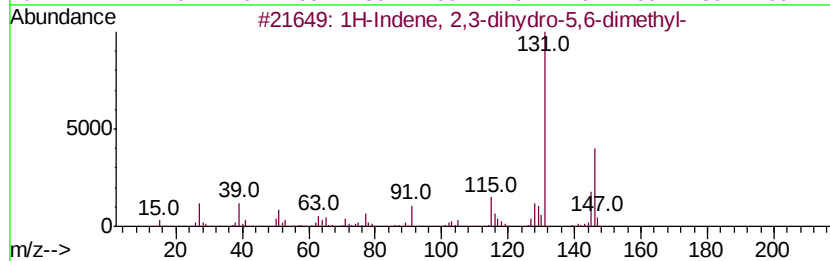
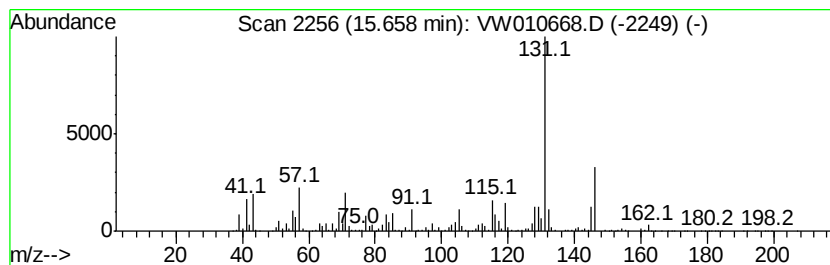
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MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260

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

Peak Number 6 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.66	220.40 ug/l	2443110	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060319\
Data File : VW010668.D
Acq On : 03 Jun 2019 19:11
Operator : SY/VA
Sample : K3165-03
Misc : 1.03G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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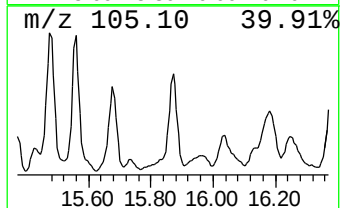
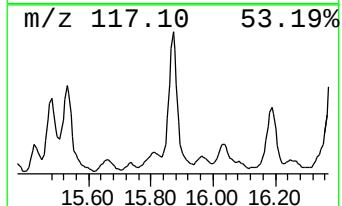
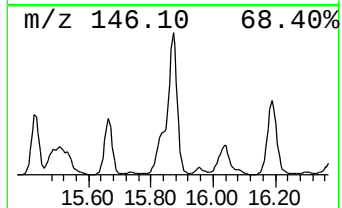
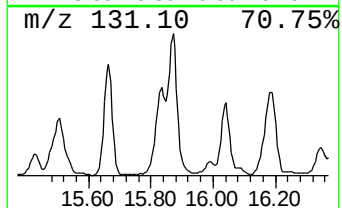
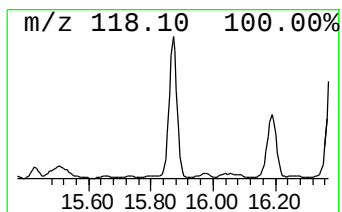
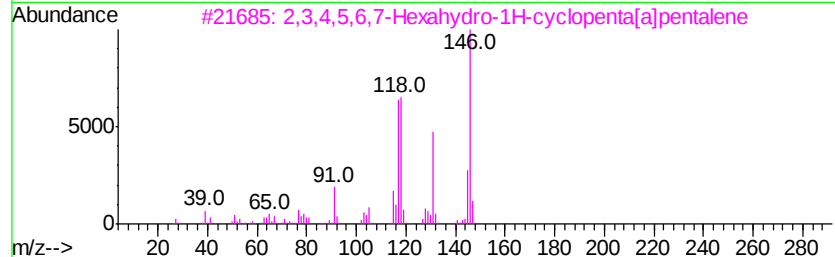
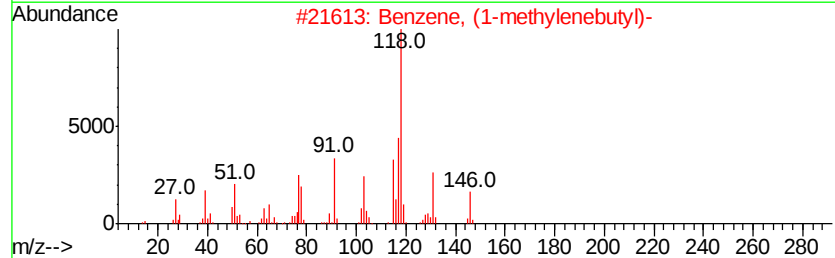
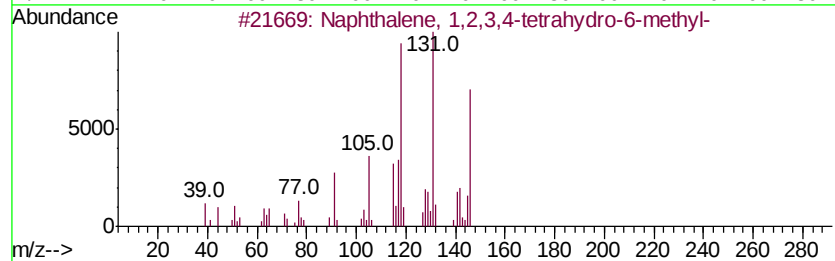
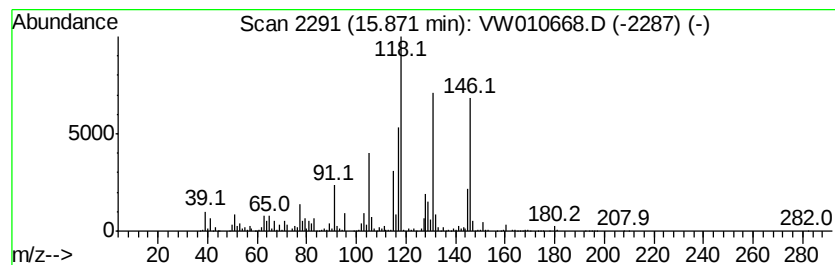
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	210.58 ug/l	2334260	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	81
2		Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	80
3		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	70
4		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	53
5		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060319\
Data File : VW010668.D
Acq On : 03 Jun 2019 19:11
Operator : SY/VA
Sample : K3165-03
Misc : 1.03G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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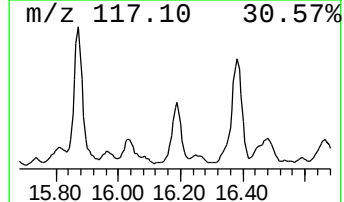
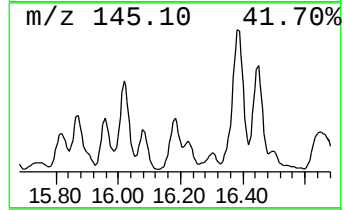
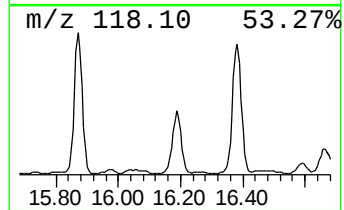
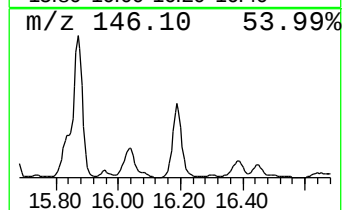
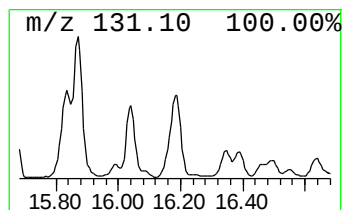
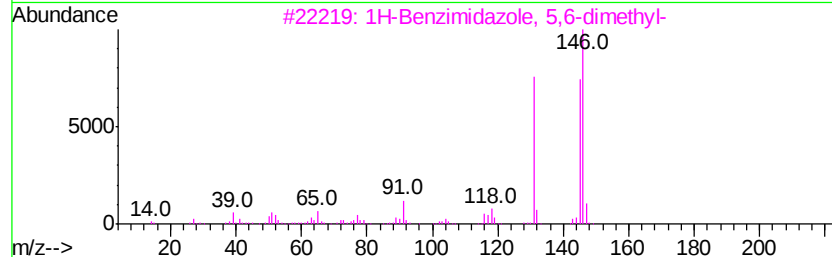
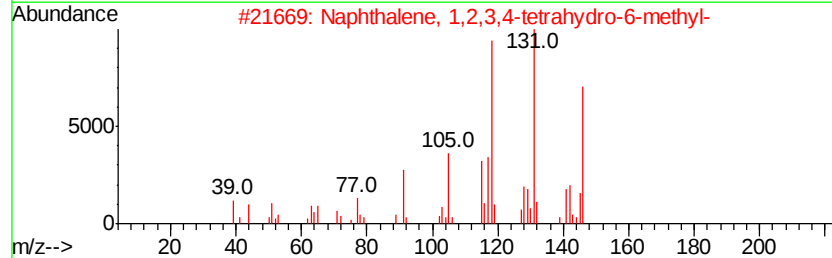
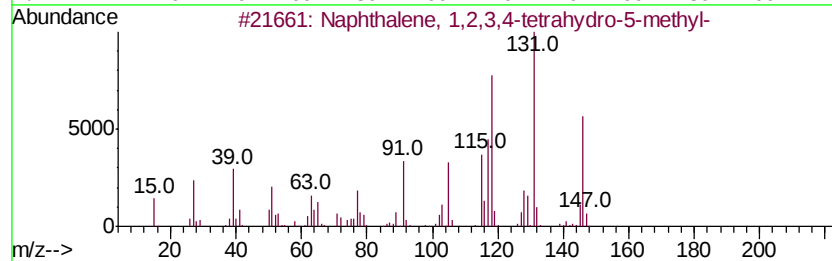
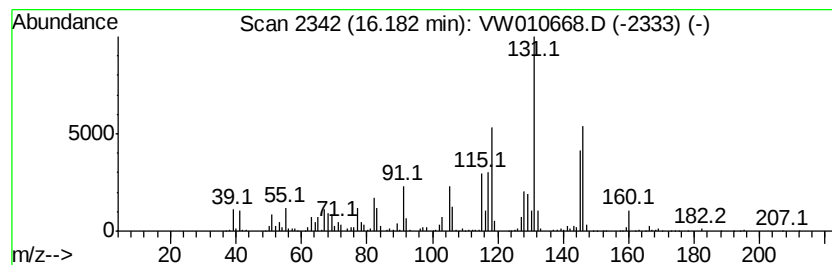
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	211.44 ug/l	2343800	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	81
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	58
3		1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	53
4		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	53
5		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060319\
Data File : VW010668.D
Acq On : 03 Jun 2019 19:11
Operator : SY/VA
Sample : K3165-03
Misc : 1.03G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

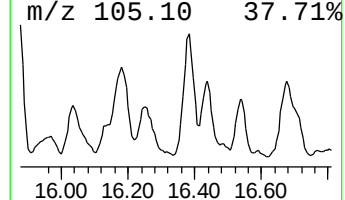
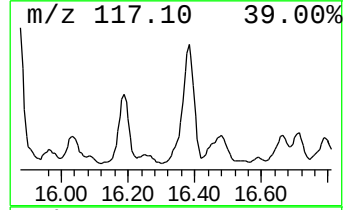
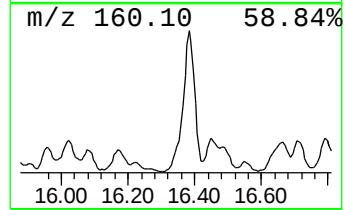
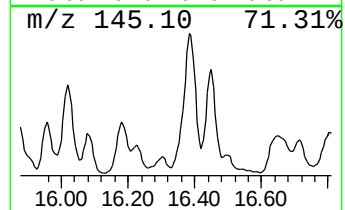
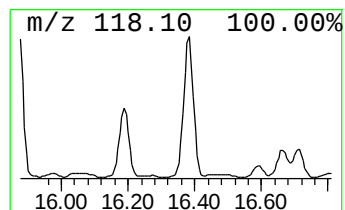
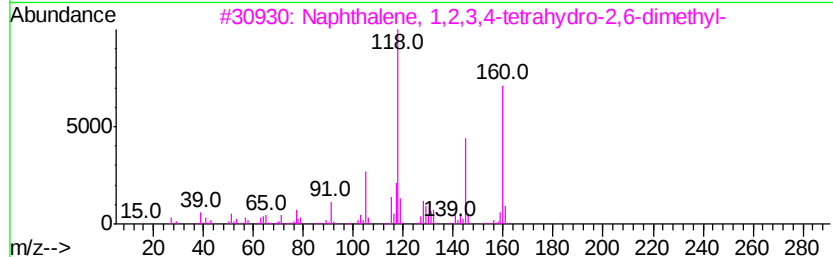
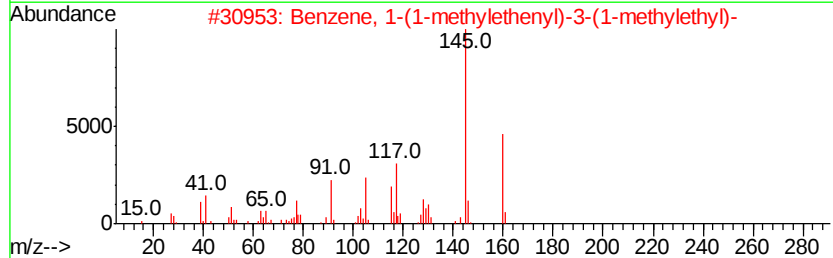
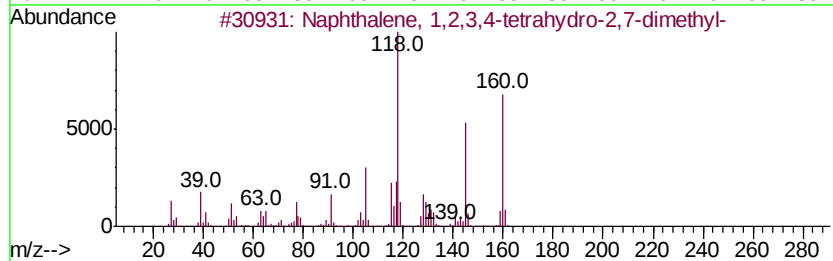
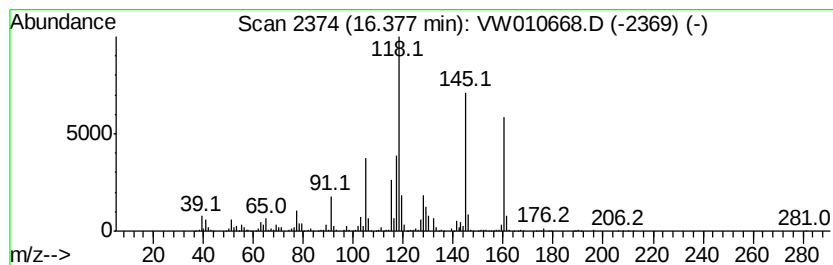
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	165.23 ug/l	1831560	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	013065-07-1 90
2		Benzene, 1-(1-methylethenyl)-3-(...	160 C12H16	001129-29-9 70
3		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	007524-63-2 52
4		Benzene, 1-(2-butenyl)-2,3-dimet...	160 C12H16	054340-85-1 50
5		Benzene, 1,3,5-trimethyl-2-(1-me...	160 C12H16	014679-13-1 50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060319\
Data File : VW010668.D
Acq On : 03 Jun 2019 19:11
Operator : SY/VA
Sample : K3165-03
Misc : 1.03G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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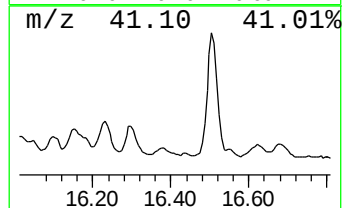
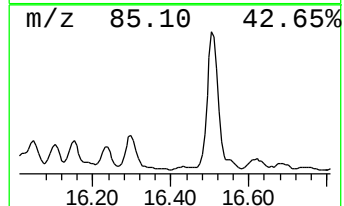
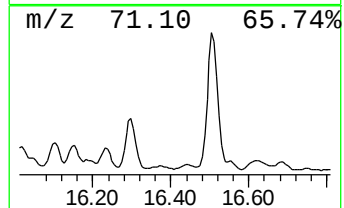
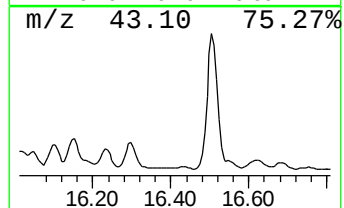
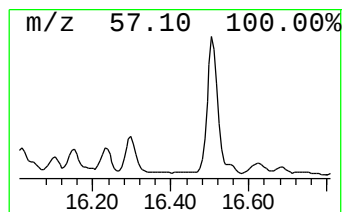
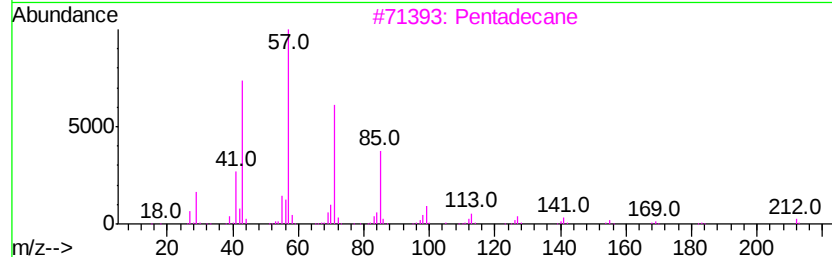
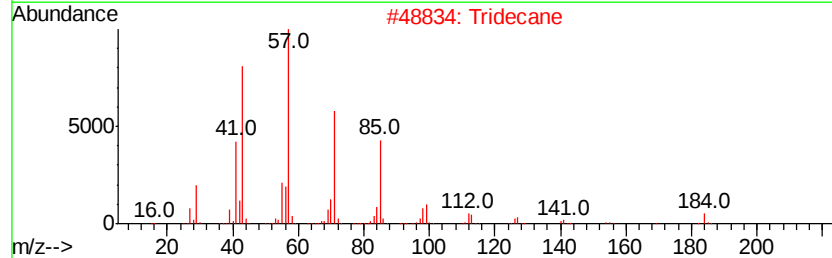
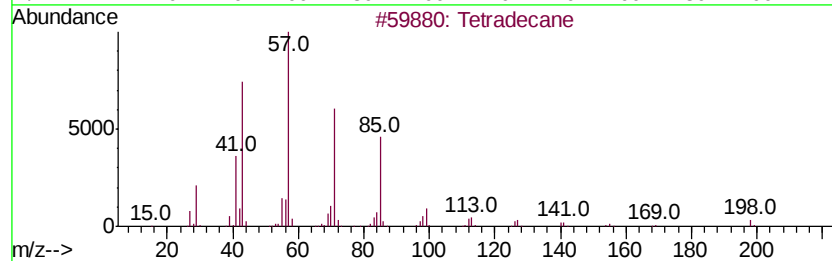
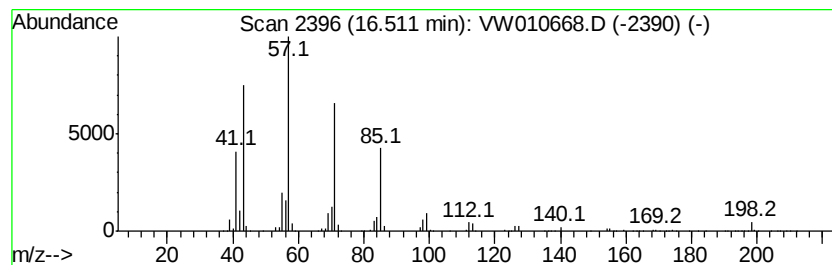
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Quant Title : SW846 8260

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

Peak Number 10 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	253.95 ug/l	2814960	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	97
2		Tridecane	184	C13H28	000629-50-5	94
3		Pentadecane	212	C15H32	000629-62-9	93
4		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW060319\
Data File : VW010668.D
Acq On : 03 Jun 2019 19:11
Operator : SY/VA
Sample : K3165-03
Misc : 1.03G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.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
Dodecane	14.73	424.5	ug/l	4704980	4	13.56	554237	50.0
Benzene, 2-etheny...	14.81	256.2	ug/l	2840170	4	13.56	554237	50.0
Undecane, 2,6-dim...	14.85	176.7	ug/l	1959050	4	13.56	554237	50.0
2,2-Dimethylinden...	15.18	126.0	ug/l	1396840	4	13.56	554237	50.0
Tridecane	15.56	562.6	ug/l	6236350	4	13.56	554237	50.0
1H-Indene, 2,3-di...	15.66	220.4	ug/l	2443110	4	13.56	554237	50.0
Naphthalene, 1,2,...	15.87	210.6	ug/l	2334260	4	13.56	554237	50.0
Naphthalene, 1,2,...	16.18	211.4	ug/l	2343800	4	13.56	554237	50.0
Naphthalene, 1,2,...	16.38	165.2	ug/l	1831560	4	13.56	554237	50.0
Tetradecane	16.51	253.9	ug/l	2814960	4	13.56	554237	50.0