

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012519\
 Data File : VW008424.D
 Acq On : 25 Jan 2019 20:58
 Operator : SY/VA
 Sample : K1015-13
 Misc : 9.19G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-04-012419-A

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\82W012419S.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	1.965	5	10	17	rBV2	23812	49256	1.05%	0.069%
2	4.117	355	363	374	rVB2	37377	101339	2.16%	0.143%
3	4.916	483	494	508	rBV	49818	179626	3.83%	0.253%
4	5.934	650	661	669	rVB3	16163	52655	1.12%	0.074%
5	7.141	846	859	872	rBV	158639	443587	9.45%	0.624%
6	7.885	969	981	985	rBV	287275	674123	14.37%	0.948%
7	7.945	985	991	1000	rVB	512509	1129358	24.07%	1.589%
8	8.256	1032	1042	1045	rBV	205120	505060	10.76%	0.710%
9	8.305	1045	1050	1062	rVB2	279665	654777	13.95%	0.921%
10	8.842	1129	1138	1149	rBV	745753	1470984	31.35%	2.069%
11	10.323	1373	1381	1386	rBV	1139915	1990960	42.43%	2.801%
12	10.384	1386	1391	1401	rVV	929826	1675333	35.70%	2.357%
13	10.707	1439	1444	1449	rVB	32340	51611	1.10%	0.073%
14	11.439	1553	1564	1571	rVB5	44515	111662	2.38%	0.157%
15	11.634	1588	1596	1605	rVB	932075	1595750	34.01%	2.245%
16	11.731	1605	1612	1620	rBV	90970	171914	3.66%	0.242%
17	11.835	1621	1629	1639	rBV	414083	799075	17.03%	1.124%
18	12.170	1672	1684	1691	rBV	192275	402284	8.57%	0.566%
19	12.621	1751	1758	1767	rVB2	815948	1388189	29.58%	1.953%
20	12.804	1780	1788	1792	rBV2	30602	63491	1.35%	0.089%
21	12.871	1793	1799	1802	rVV	114618	200318	4.27%	0.282%
22	12.932	1805	1809	1816	rVV3	236565	471333	10.04%	0.663%
23	13.109	1830	1838	1844	rBV	84377	195449	4.17%	0.275%
24	13.170	1844	1848	1853	rVB3	70483	117139	2.50%	0.165%
25	13.256	1854	1862	1866	rBV	331682	531452	11.33%	0.748%
26	13.298	1866	1869	1874	rVB4	49502	70886	1.51%	0.100%
27	13.353	1874	1878	1880	rBV5	36124	55548	1.18%	0.078%
28	13.445	1887	1893	1897	rBV5	136370	253461	5.40%	0.357%
29	13.487	1897	1900	1904	rVV2	112977	194548	4.15%	0.274%
30	13.560	1907	1912	1920	rVV2	897389	1730113	36.87%	2.434%
31	13.627	1920	1923	1929	rVB	132626	184874	3.94%	0.260%
32	13.755	1940	1944	1947	rBV2	302278	441424	9.41%	0.621%
33	13.798	1947	1951	1955	rVV2	200815	322975	6.88%	0.454%
34	13.877	1959	1964	1969	rBV	1434958	2078064	44.29%	2.923%

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35	13.926	1969	1972	1973	rBV2	86467	94996	2.02%	0.134%
36	13.951	1974	1976	1980	rVV2	140449	171541	3.66%	0.241%
37	14.042	1983	1991	1996	rVV3	336188	759909	16.19%	1.069%
38	14.097	1996	2000	2004	rVB	378965	557688	11.88%	0.784%
39	14.140	2004	2007	2013	rVB4	182415	317306	6.76%	0.446%
40	14.207	2013	2018	2023	rBV3	556440	971825	20.71%	1.367%
41	14.268	2024	2028	2034	rBV5	165208	343254	7.32%	0.483%
42	14.353	2034	2042	2044	rBV3	419773	899811	19.18%	1.266%
43	14.396	2044	2049	2052	rVV4	721164	1354322	28.86%	1.905%
44	14.432	2052	2055	2058	rVV3	478232	745322	15.88%	1.048%
45	14.463	2058	2060	2063	rVB	416849	450288	9.60%	0.633%
46	14.505	2063	2067	2070	rBV2	585292	738005	15.73%	1.038%
47	14.548	2070	2074	2080	rVB3	368484	579263	12.34%	0.815%
48	14.609	2080	2084	2087	rBV2	229451	387224	8.25%	0.545%
49	14.646	2087	2090	2094	rVB	276319	357775	7.62%	0.503%
50	14.694	2094	2098	2100	rBV	653105	1027938	21.91%	1.446%
51	14.731	2100	2104	2110	rVB2	2966440	4372771	93.19%	6.151%
52	14.810	2110	2117	2121	rBV4	1628430	3876824	82.62%	5.453%
53	14.847	2121	2123	2131	rVB2	968004	1920829	40.93%	2.702%
54	14.963	2138	2142	2148	rVB	1059834	1852365	39.48%	2.606%
55	15.066	2155	2159	2164	rBV3	596853	943100	20.10%	1.327%
56	15.182	2171	2178	2186	rBV5	655578	2005672	42.74%	2.821%
57	15.255	2187	2190	2198	rVB6	634314	1290620	27.50%	1.815%
58	15.334	2198	2203	2206	rBV	996266	1828987	38.98%	2.573%
59	15.371	2206	2209	2214	rVB	1022591	1545678	32.94%	2.174%
60	15.426	2215	2218	2222	rVB	519985	721772	15.38%	1.015%
61	15.481	2223	2227	2230	rBV2	522197	878235	18.72%	1.235%
62	15.560	2236	2240	2249	rVB	2720209	4692390	100.00%	6.601%
63	15.664	2249	2257	2264	rBV5	813360	2203508	46.96%	3.100%
64	15.737	2266	2269	2276	rVB4	390909	679656	14.48%	0.956%
65	15.871	2287	2291	2301	rVB	1290505	2483221	52.92%	3.493%
66	16.035	2312	2318	2324	rVB5	320319	874838	18.64%	1.231%
67	16.182	2334	2342	2347	rBV4	650319	1741803	37.12%	2.450%
68	16.298	2357	2361	2368	rVB	273255	436127	9.29%	0.613%
69	16.383	2370	2375	2381	rVV2	627337	1299391	27.69%	1.828%
70	16.450	2381	2386	2391	rVV	632813	1299594	27.70%	1.828%
71	16.505	2391	2395	2401	rVB	1013700	1769939	37.72%	2.490%

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Integration Parameters: RTEINT.P

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Sampling : 1 Min Area: 3 % of largest Peak
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72	16.657	2412	2420	2434	rVB4	642558	2257092	48.10%	3.175%
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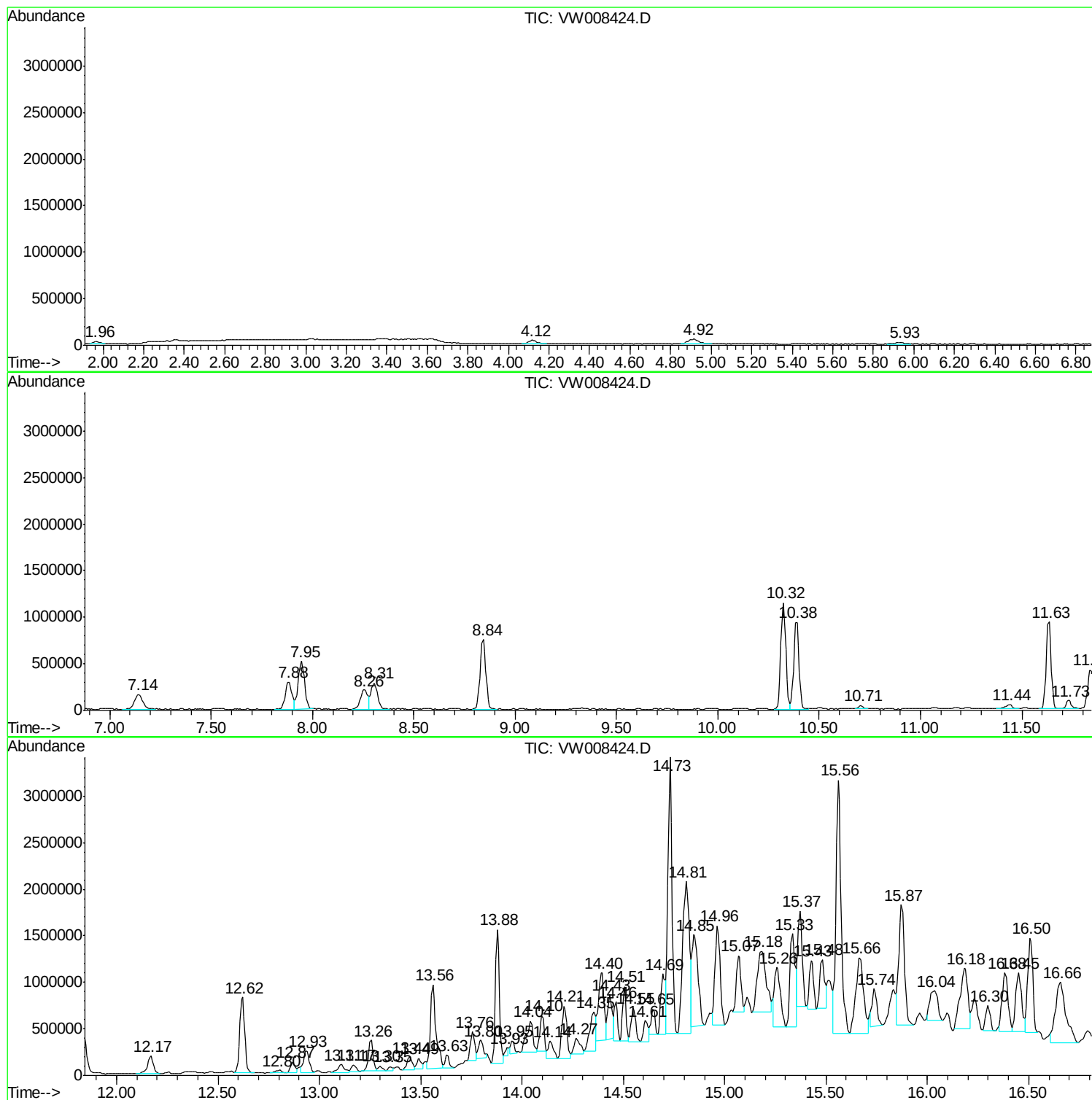
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

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



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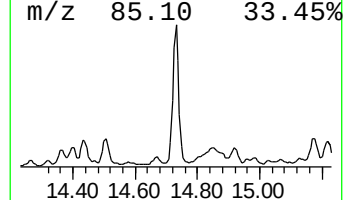
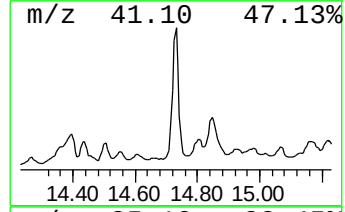
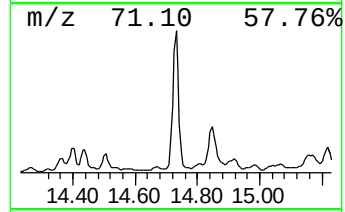
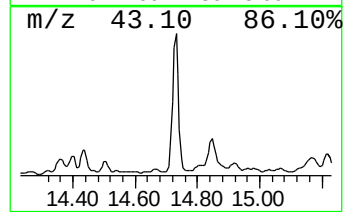
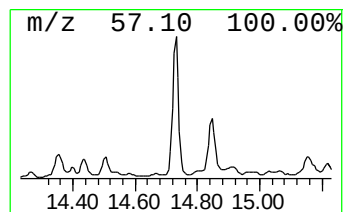
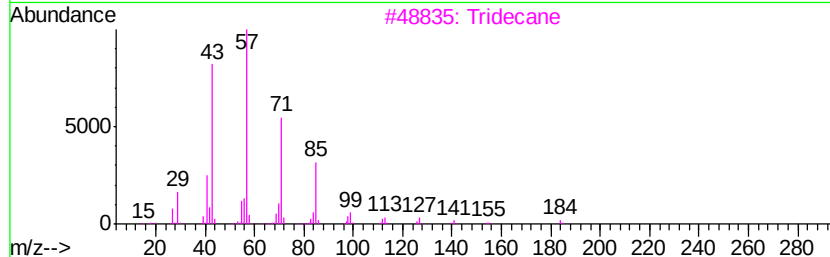
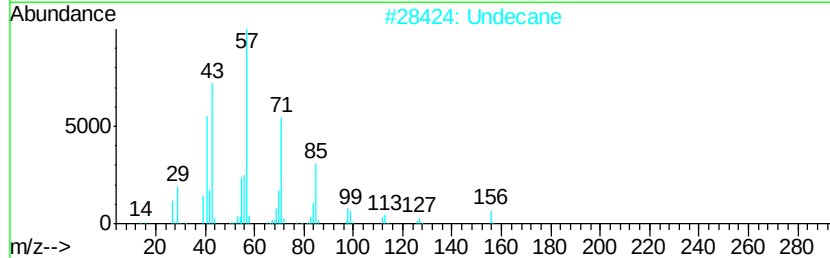
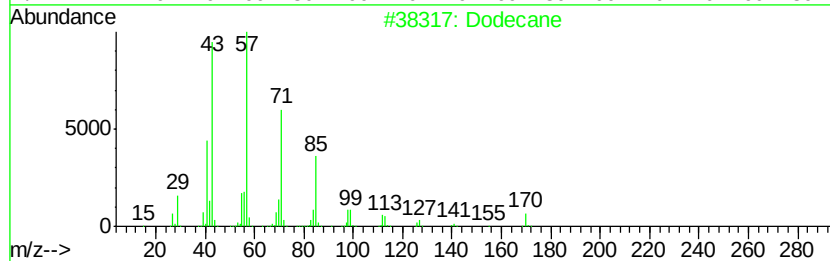
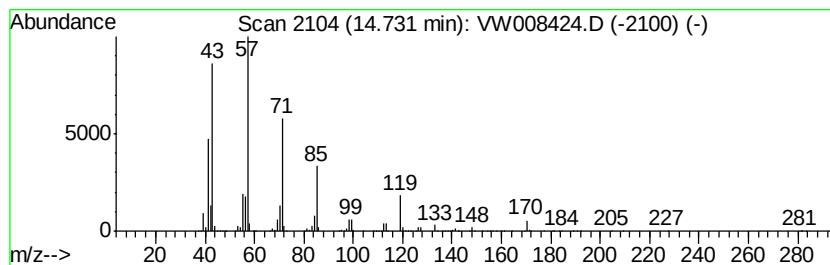
Instrument :
MSVOA_W
ClientSampleId :
SU-04-012419-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.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	126.37 ug/l	4372770	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	96
2	Undecane	156 C11H24	001120-21-4	87
3	Tridecane	184 C13H28	000629-50-5	80
4	Hexadecane	226 C16H34	000544-76-3	72
5	Undecane, 2,3-dimethyl-	184 C13H28	017312-77-5	72



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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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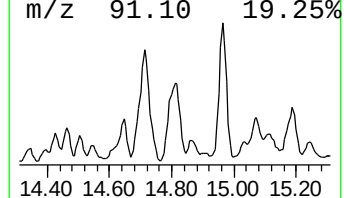
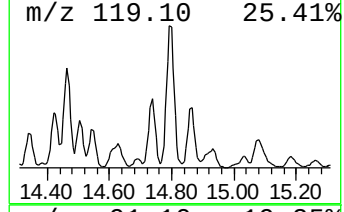
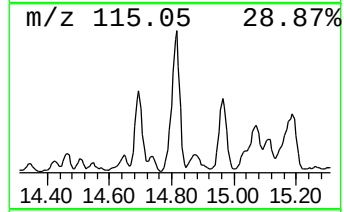
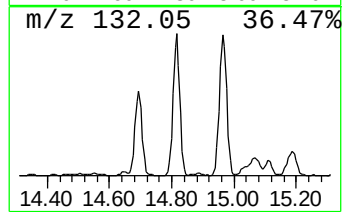
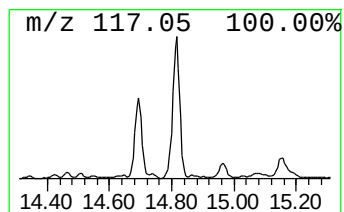
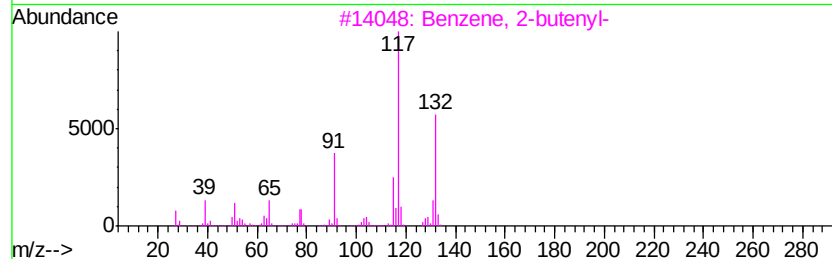
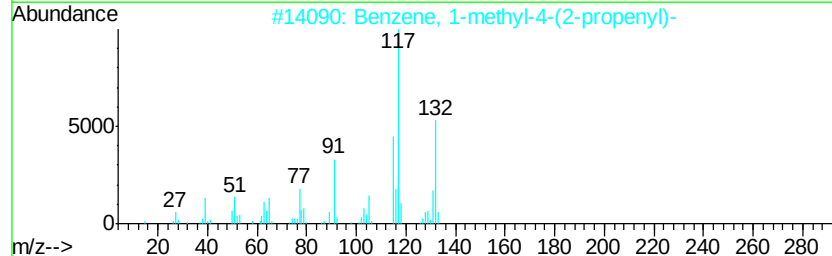
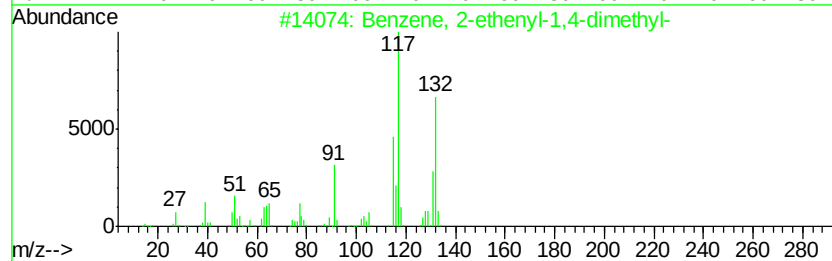
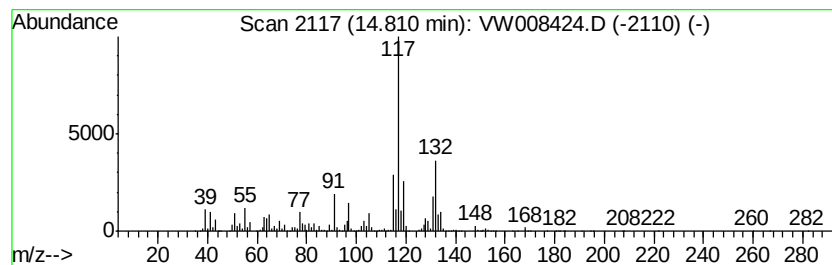
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

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	112.04 ug/l	3876820	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		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	81
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76



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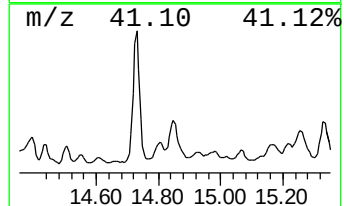
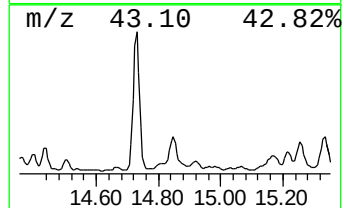
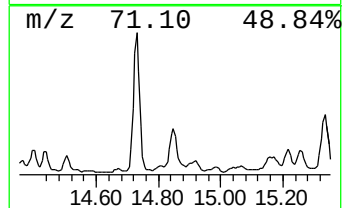
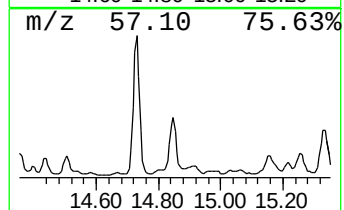
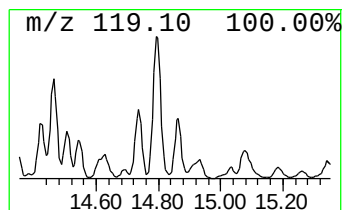
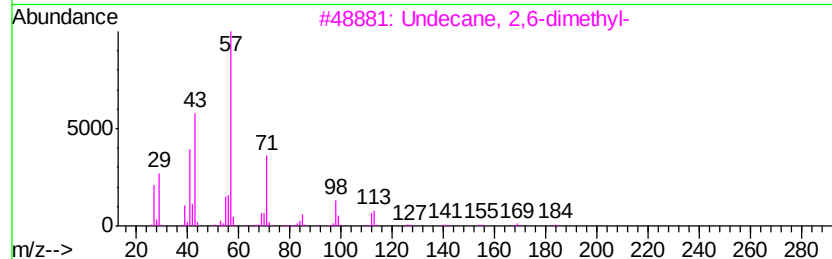
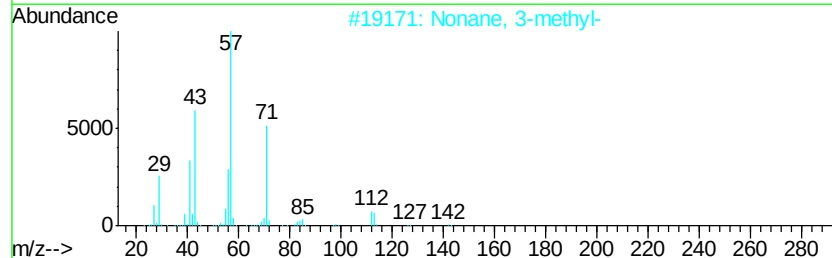
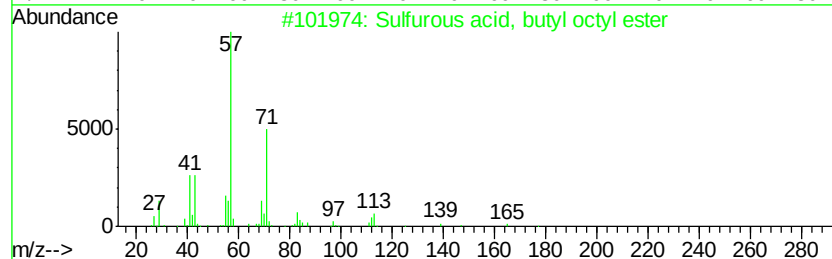
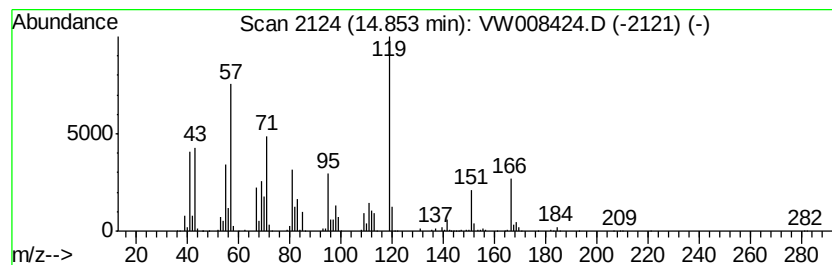
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown14.85 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	55.51 ug/l	1920830	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	49
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	49
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	46
4		Dodecane, 6-methyl-	184	C13H28	006044-71-9	45
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	43



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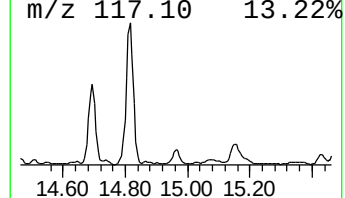
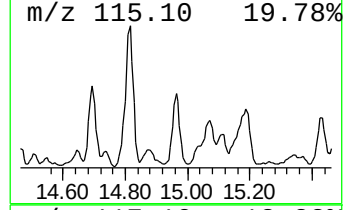
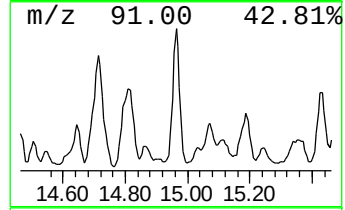
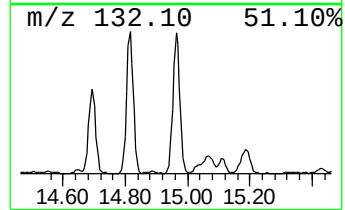
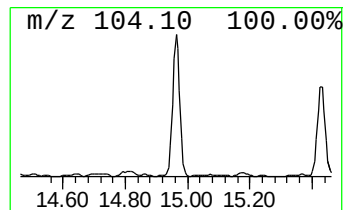
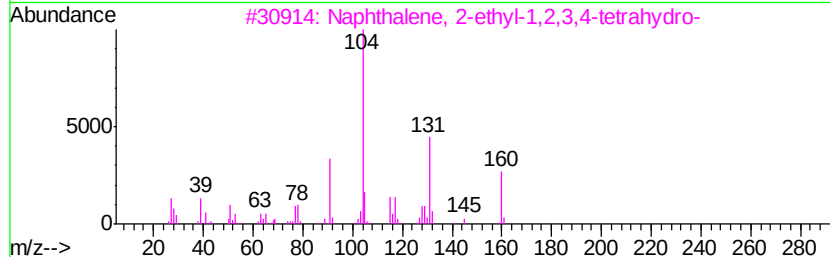
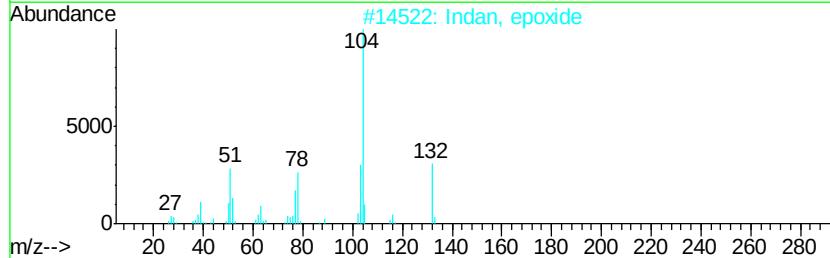
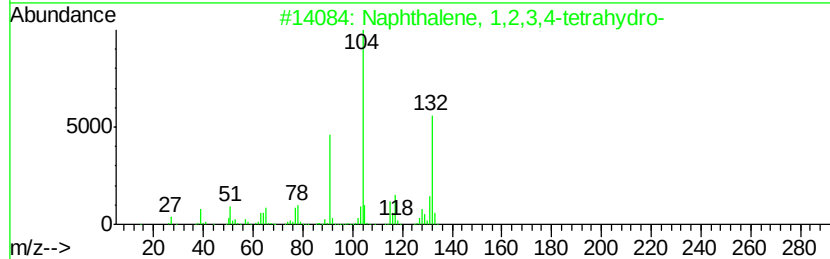
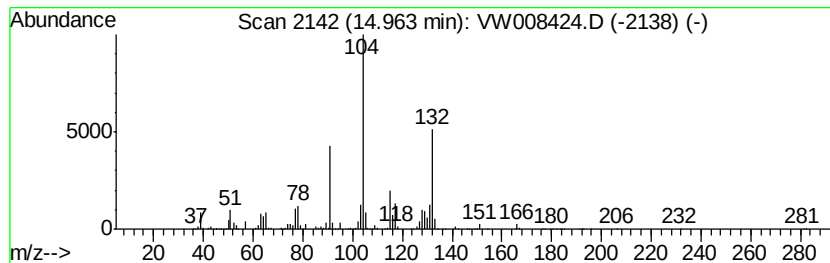
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	53.53 ug/l	1852370	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2		Indan, epoxide	132	C9H8O	000768-22-9	53
3		Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	53
4		Benzene, cyclobutyl-	132	C10H12	004392-30-7	50
5		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012519\
Data File : VW008424.D
Acq On : 25 Jan 2019 20:58
Operator : SY/VA
Sample : K1015-13
Misc : 9.19G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-04-012419-A

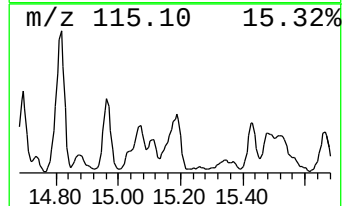
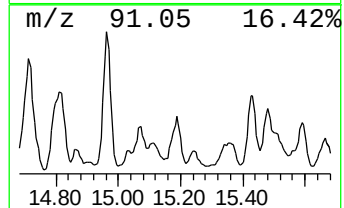
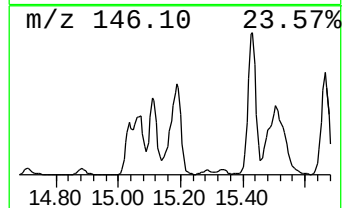
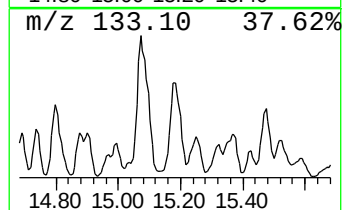
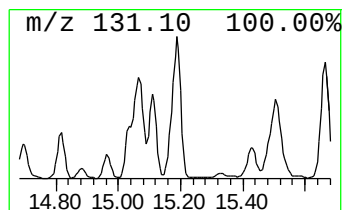
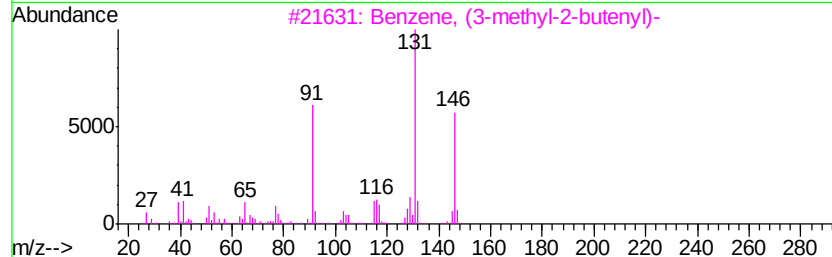
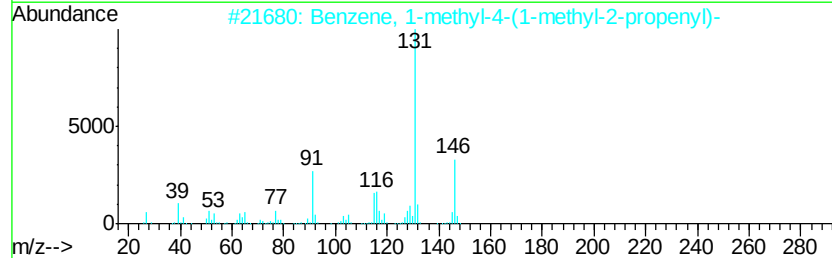
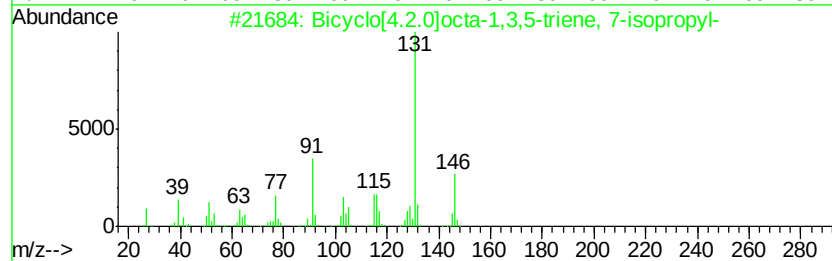
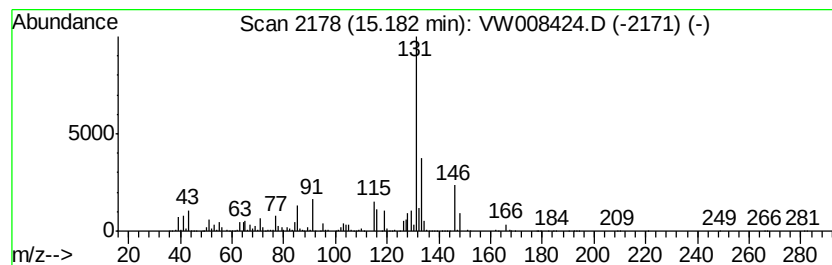
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Quant Title : SW846 8260

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

Peak Number 5 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	57.96 ug/l	2005670	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	92
2		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	76
3		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
4		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	70
5		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012519\
Data File : VW008424.D
Acq On : 25 Jan 2019 20:58
Operator : SY/VA
Sample : K1015-13
Misc : 9.19G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-04-012419-A

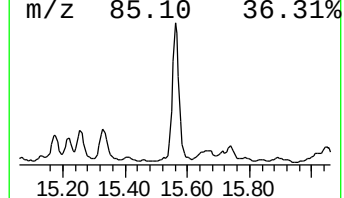
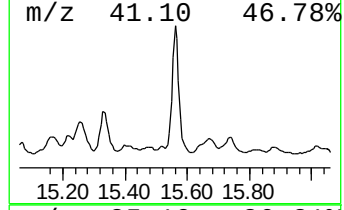
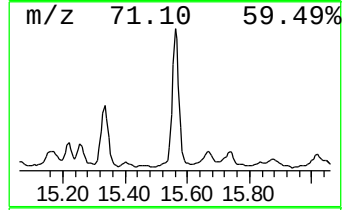
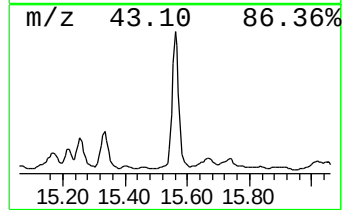
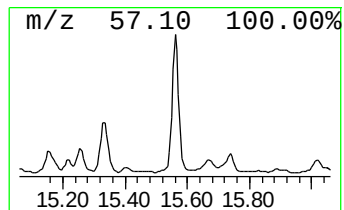
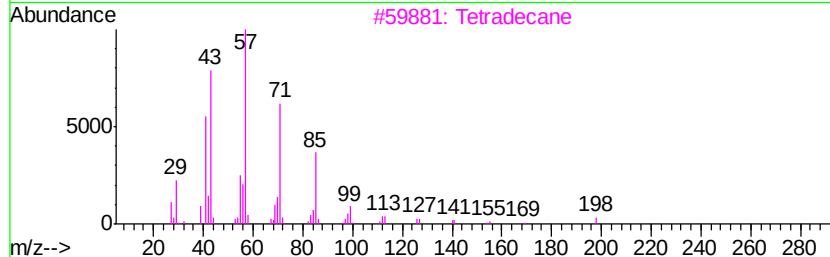
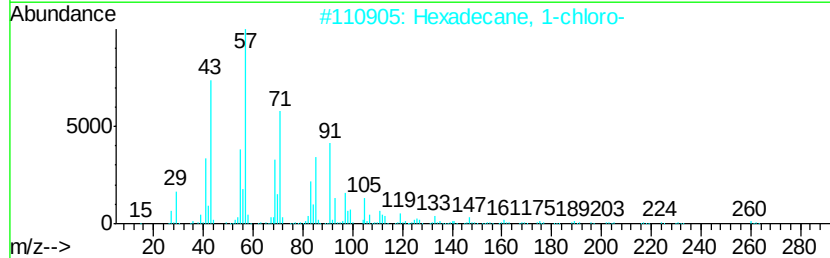
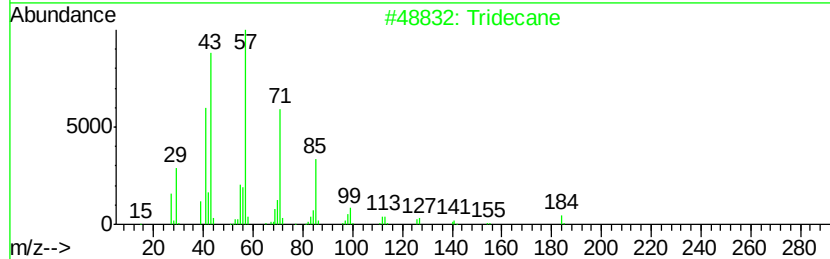
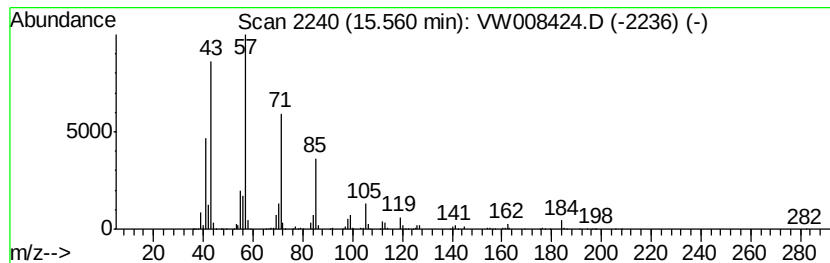
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Quant Title : SW846 8260

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

Peak Number 6 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	135.61 ug/l	4692390	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	96
2	Hexadecane, 1-chloro-		260	C16H33Cl	004860-03-1	83
3	Tetradecane		198	C14H30	000629-59-4	72
4	Hexadecane		226	C16H34	000544-76-3	72
5	Undecane		156	C11H24	001120-21-4	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012519\
Data File : VW008424.D
Acq On : 25 Jan 2019 20:58
Operator : SY/VA
Sample : K1015-13
Misc : 9.19G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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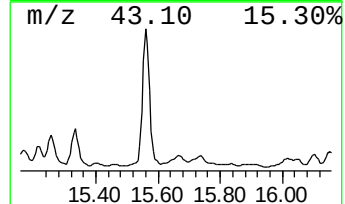
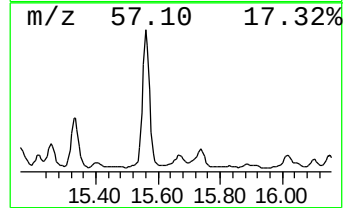
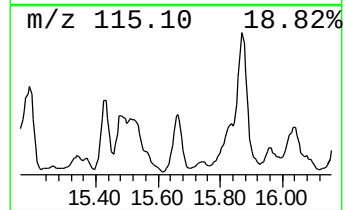
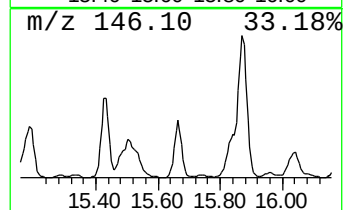
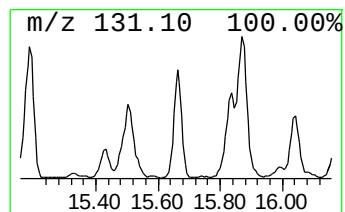
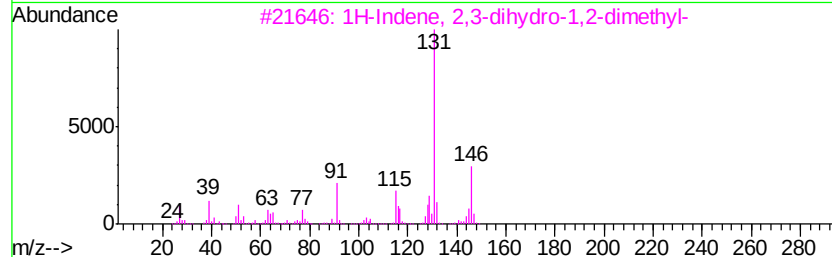
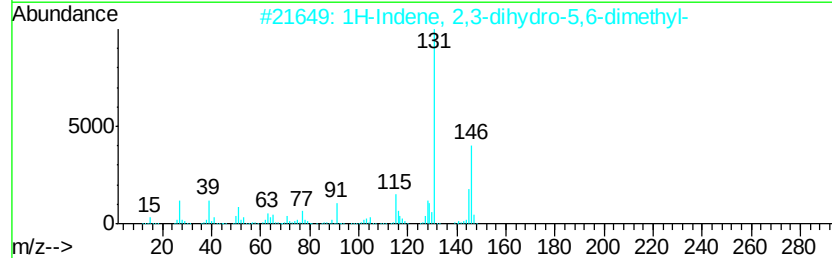
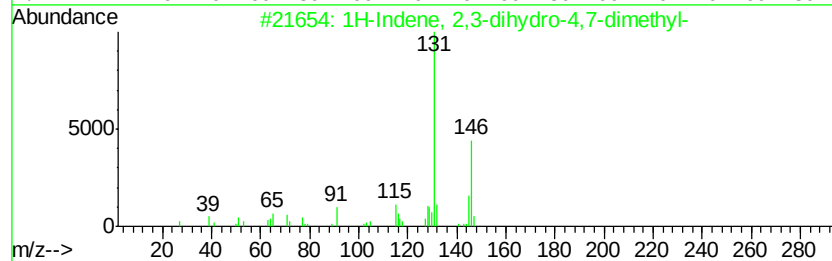
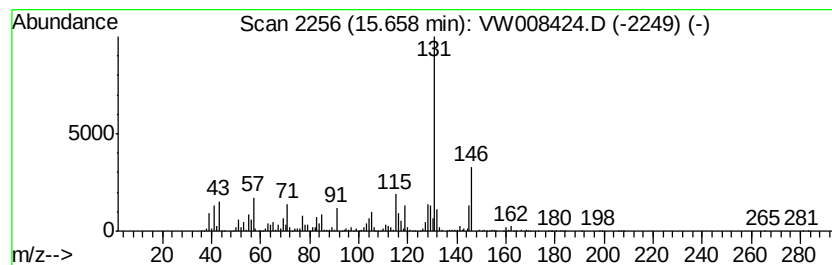
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Quant Title : SW846 8260

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

Peak Number 7 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	63.68 ug/l	2203510	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	94
3		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
4		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012519\
Data File : VW008424.D
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Operator : SY/VA
Sample : K1015-13
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ALS Vial : 21 Sample Multiplier: 1

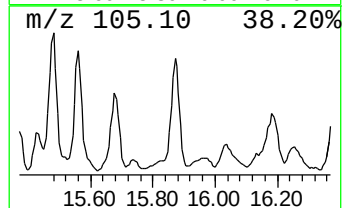
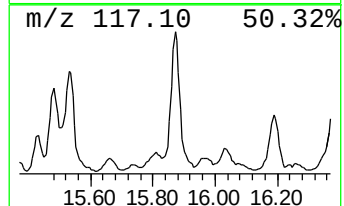
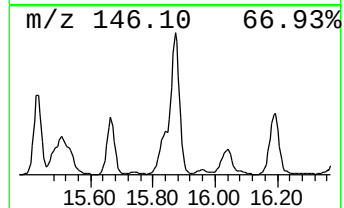
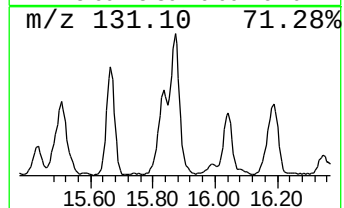
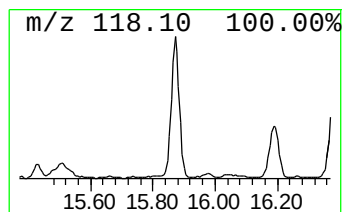
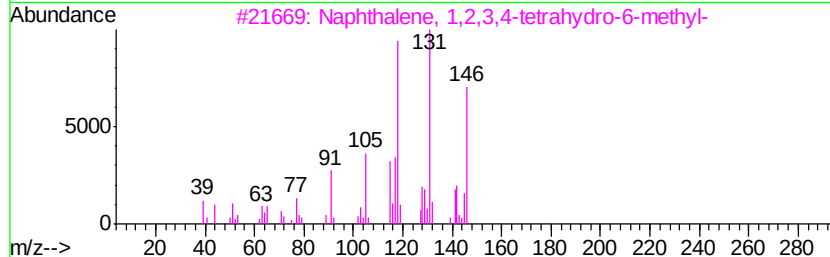
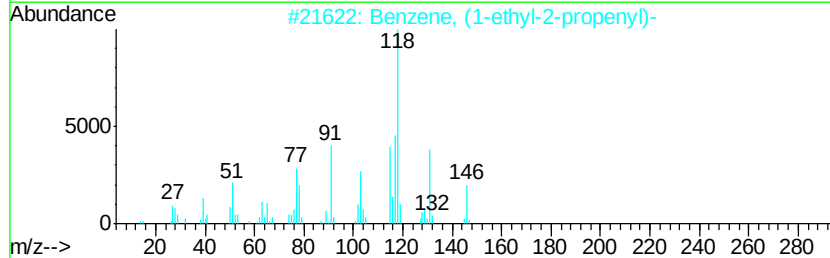
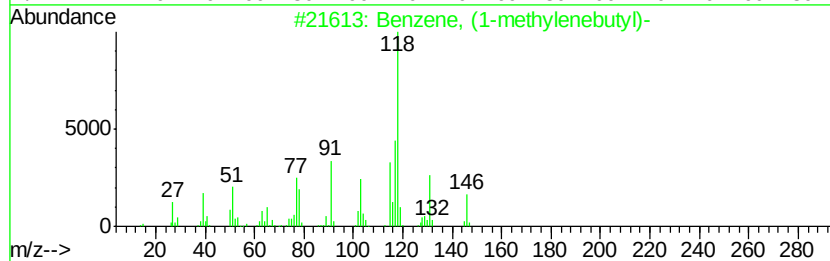
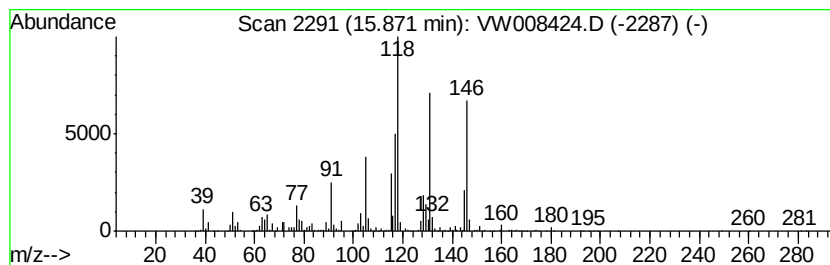
Instrument :
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ClientSampleId :
SU-04-012419-A

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Quant Title : SW846 8260

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

Peak Number 8 Benzene, (1-methylenebutyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	71.76 ug/l	2483220	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, (1-methylenebutyl)-	146 C11H14	005676-32-4 87
2		Benzene, (1-ethyl-2-propenyl)-	146 C11H14	019947-22-9 86
3		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001680-51-9 81
4		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5 81
5		2-Propyn-1-ol, 3-(4-methylphenyl)-	146 C10H10O	016017-24-6 46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012519\
Data File : VW008424.D
Acq On : 25 Jan 2019 20:58
Operator : SY/VA
Sample : K1015-13
Misc : 9.19G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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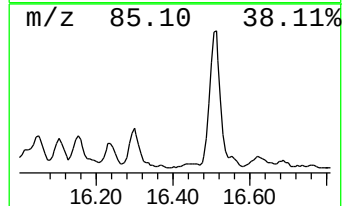
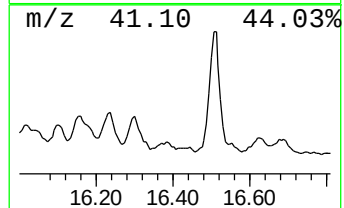
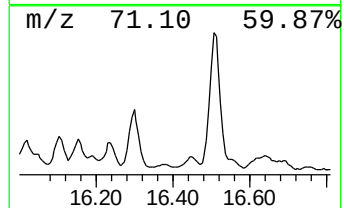
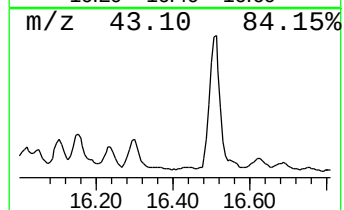
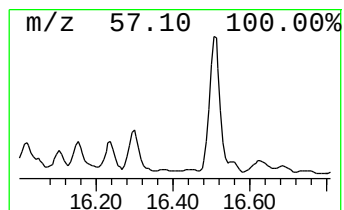
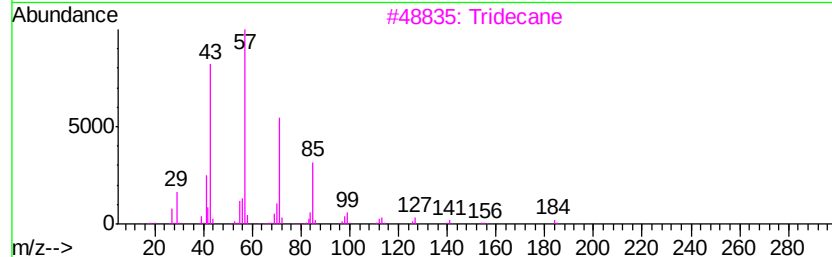
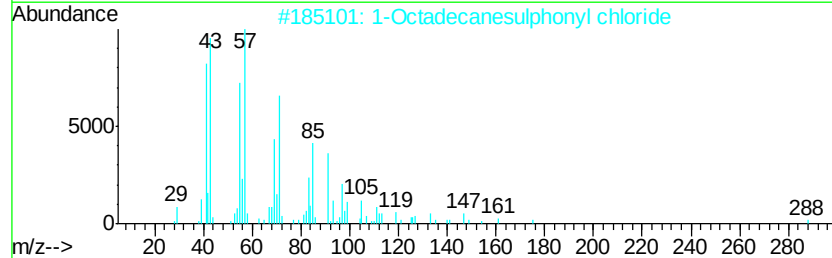
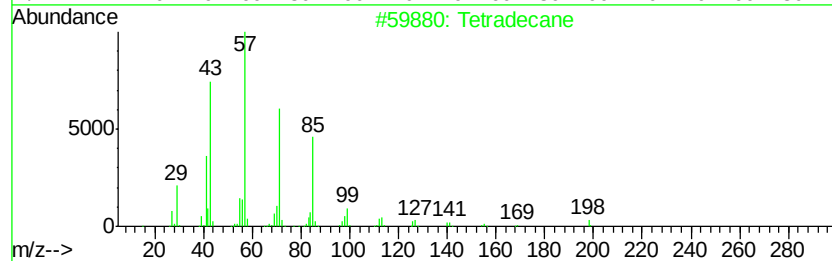
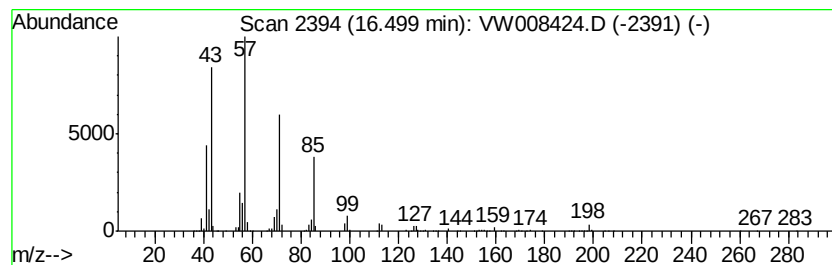
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Quant Title : SW846 8260

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

Peak Number 9 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	51.15 ug/l	1769940	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	97
2		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90
3		Tridecane	184	C13H28	000629-50-5	90
4		Hexadecane	226	C16H34	000544-76-3	87
5		Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012519\
Data File : VW008424.D
Acq On : 25 Jan 2019 20:58
Operator : SY/VA
Sample : K1015-13
Misc : 9.19G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-04-012419-A

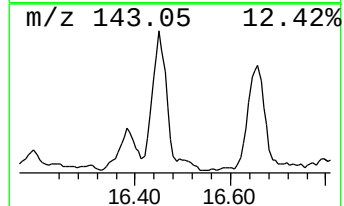
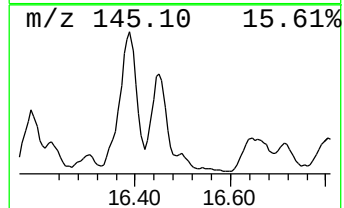
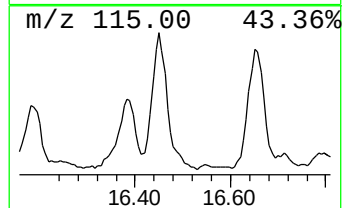
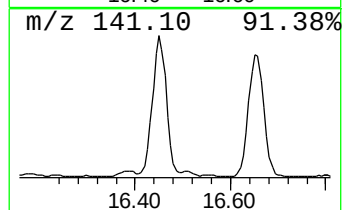
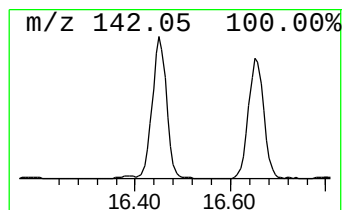
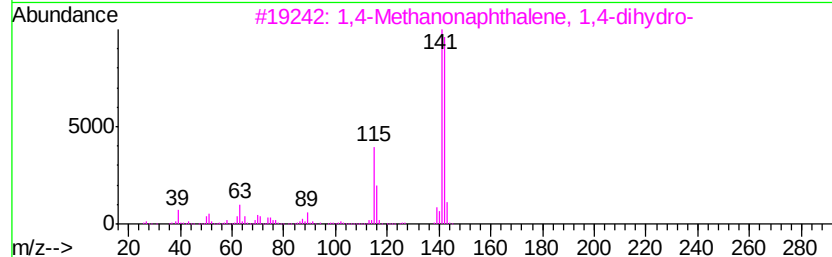
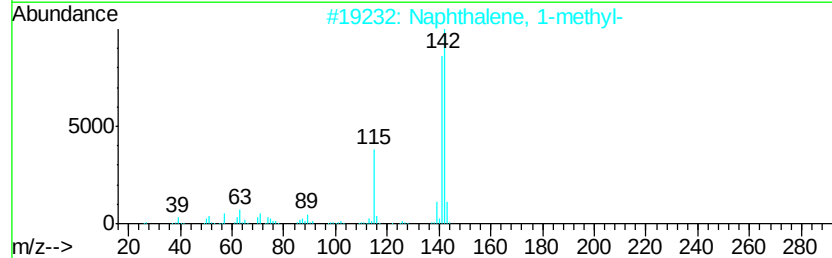
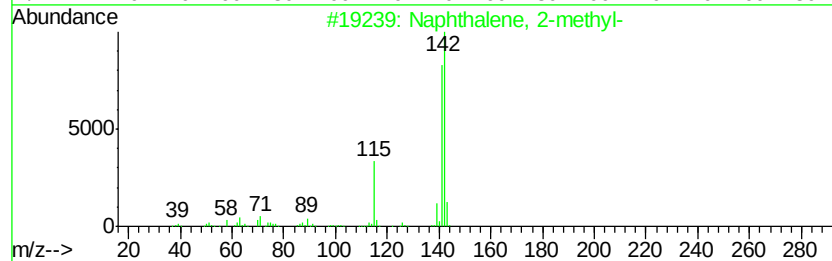
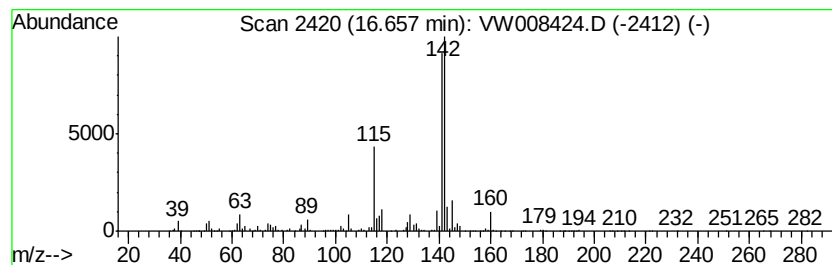
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Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	65.23 ug/l	2257090	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	87
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW012519\
 Data File : VW008424.D
 Acq On : 25 Jan 2019 20:58
 Operator : SY/VA
 Sample : K1015-13
 Misc : 9.19G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.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	126.4	ug/l	4372770	4	13.56	1730110	50.0
Benzene, 2-etheny...	14.81	112.0	ug/l	3876820	4	13.56	1730110	50.0
unknown14.85	14.85	55.5	ug/l	1920830	4	13.56	1730110	50.0
Naphthalene, 1,2,...	14.96	53.5	ug/l	1852370	4	13.56	1730110	50.0
Bicyclo[4.2.0]oct...	15.18	58.0	ug/l	2005670	4	13.56	1730110	50.0
Tridecane	15.56	135.6	ug/l	4692390	4	13.56	1730110	50.0
1H-Indene, 2,3-di...	15.66	63.7	ug/l	2203510	4	13.56	1730110	50.0
Benzene, (1-methy...	15.87	71.8	ug/l	2483220	4	13.56	1730110	50.0
Tetradecane	16.50	51.1	ug/l	1769940	4	13.56	1730110	50.0
Naphthalene, 1-me...	16.66	65.2	ug/l	2257090	4	13.56	1730110	50.0