

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020719\
 Data File : VW008555.D
 Acq On : 07 Feb 2019 16:22
 Operator : SY/VA
 Sample : K1390-05
 Misc : 6.86G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-04(13-14)

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	1.946	5	7	19	rVB5	17911	45522	1.08%	0.125%
2	4.117	355	363	376	rBV	70214	189814	4.52%	0.522%
3	4.903	485	492	503	rBV3	21080	68855	1.64%	0.189%
4	7.141	848	859	875	rBV	245977	699249	16.66%	1.924%
5	7.878	969	980	985	rBV	563187	1327512	31.63%	3.652%
6	7.945	985	991	1001	rVB	1021405	2247347	53.55%	6.183%
7	8.305	1034	1050	1060	rBV	562864	1265509	30.15%	3.482%
8	8.842	1128	1138	1147	rBV	1524160	3019045	71.93%	8.306%
9	9.323	1208	1217	1223	rBV	14338	48525	1.16%	0.133%
10	10.091	1333	1343	1356	rBV4	25862	77956	1.86%	0.214%
11	10.323	1373	1381	1391	rBV	2382023	4197041	100.00%	11.547%
12	10.933	1477	1481	1486	rVV	26218	43513	1.04%	0.120%
13	11.036	1493	1498	1500	rBV2	30292	51306	1.22%	0.141%
14	11.231	1525	1530	1535	rVB2	46927	77143	1.84%	0.212%
15	11.408	1551	1559	1571	rVB5	56205	191264	4.56%	0.526%
16	11.512	1571	1576	1583	rBV	55682	103477	2.47%	0.285%
17	11.634	1589	1596	1609	rVB	2144010	3656501	87.12%	10.060%
18	11.872	1632	1635	1639	rVV2	39834	73647	1.75%	0.203%
19	11.914	1640	1642	1647	rVB2	39552	58422	1.39%	0.161%
20	12.134	1672	1678	1684	rBV4	70822	156957	3.74%	0.432%
21	12.256	1694	1698	1702	rVB2	67519	95691	2.28%	0.263%
22	12.341	1708	1712	1713	rBV4	35291	47025	1.12%	0.129%
23	12.621	1752	1758	1767	rVB	1823742	3028430	72.16%	8.332%
24	12.786	1780	1785	1790	rVB4	71793	130618	3.11%	0.359%
25	12.865	1793	1798	1801	rBV4	30733	60325	1.44%	0.166%
26	12.932	1804	1809	1816	rVV4	108054	263972	6.29%	0.726%
27	12.993	1816	1819	1824	rVB4	49071	77927	1.86%	0.214%
28	13.085	1829	1834	1837	rBV4	52269	75919	1.81%	0.209%
29	13.134	1837	1842	1844	rBV	43671	69571	1.66%	0.191%
30	13.170	1844	1848	1854	rVB2	123442	182610	4.35%	0.502%
31	13.292	1865	1868	1872	rBV	46680	67395	1.61%	0.185%
32	13.347	1874	1877	1880	rVV3	31630	45959	1.10%	0.126%
33	13.487	1897	1900	1904	rVB2	66454	72829	1.74%	0.200%
34	13.560	1906	1912	1920	rVB	2405846	3770123	89.83%	10.372%

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35	13.627	1920	1923	1930	rBV3	51955	79270	1.89%	0.218%
36	13.700	1930	1935	1939	rBV6	49379	99682	2.38%	0.274%
37	13.804	1948	1952	1955	rBV2	47720	78813	1.88%	0.217%
38	13.883	1959	1965	1969	rBV2	232976	407832	9.72%	1.122%
39	14.139	2004	2007	2012	rVB2	93780	138405	3.30%	0.381%
40	14.200	2012	2017	2024	rBV4	105532	234975	5.60%	0.646%
41	14.267	2024	2028	2035	rBV5	90985	237186	5.65%	0.653%
42	14.359	2040	2043	2044	rBV2	46691	49858	1.19%	0.137%
43	14.389	2044	2048	2052	rVV3	212906	321126	7.65%	0.883%
44	14.505	2062	2067	2070	rBV	210438	325032	7.74%	0.894%
45	14.554	2071	2075	2081	rVB4	146063	278618	6.64%	0.767%
46	14.609	2081	2084	2086	rBV4	42579	56749	1.35%	0.156%
47	14.737	2102	2105	2109	rVB	178628	242253	5.77%	0.666%
48	14.792	2109	2114	2118	rBV3	218264	449428	10.71%	1.236%
49	14.853	2120	2124	2131	rVB3	293928	663224	15.80%	1.825%
50	15.072	2155	2160	2168	rBV4	276316	624995	14.89%	1.719%
51	15.176	2174	2177	2186	rVB5	183053	368159	8.77%	1.013%
52	15.334	2198	2203	2212	rBV4	397898	814093	19.40%	2.240%
53	15.426	2213	2218	2222	rBV	253258	478680	11.41%	1.317%
54	15.475	2222	2226	2229	rBV4	135455	208997	4.98%	0.575%
55	15.664	2249	2257	2264	rBV6	231949	757297	18.04%	2.083%
56	15.737	2265	2269	2274	rVB4	166563	306265	7.30%	0.843%
57	15.871	2287	2291	2296	rVB2	327104	532350	12.68%	1.465%
58	15.956	2302	2305	2310	rVB5	104828	161405	3.85%	0.444%
59	16.023	2312	2316	2324	rVB4	144276	317431	7.56%	0.873%
60	16.176	2336	2341	2345	rBV6	151301	295819	7.05%	0.814%
61	16.298	2358	2361	2366	rVB3	145679	225366	5.37%	0.620%
62	16.383	2368	2375	2381	rBV2	555421	1113990	26.54%	3.065%
63	16.450	2381	2386	2390	rBV2	151584	308443	7.35%	0.849%
64	16.669	2412	2422	2426	rBV8	154612	585623	13.95%	1.611%

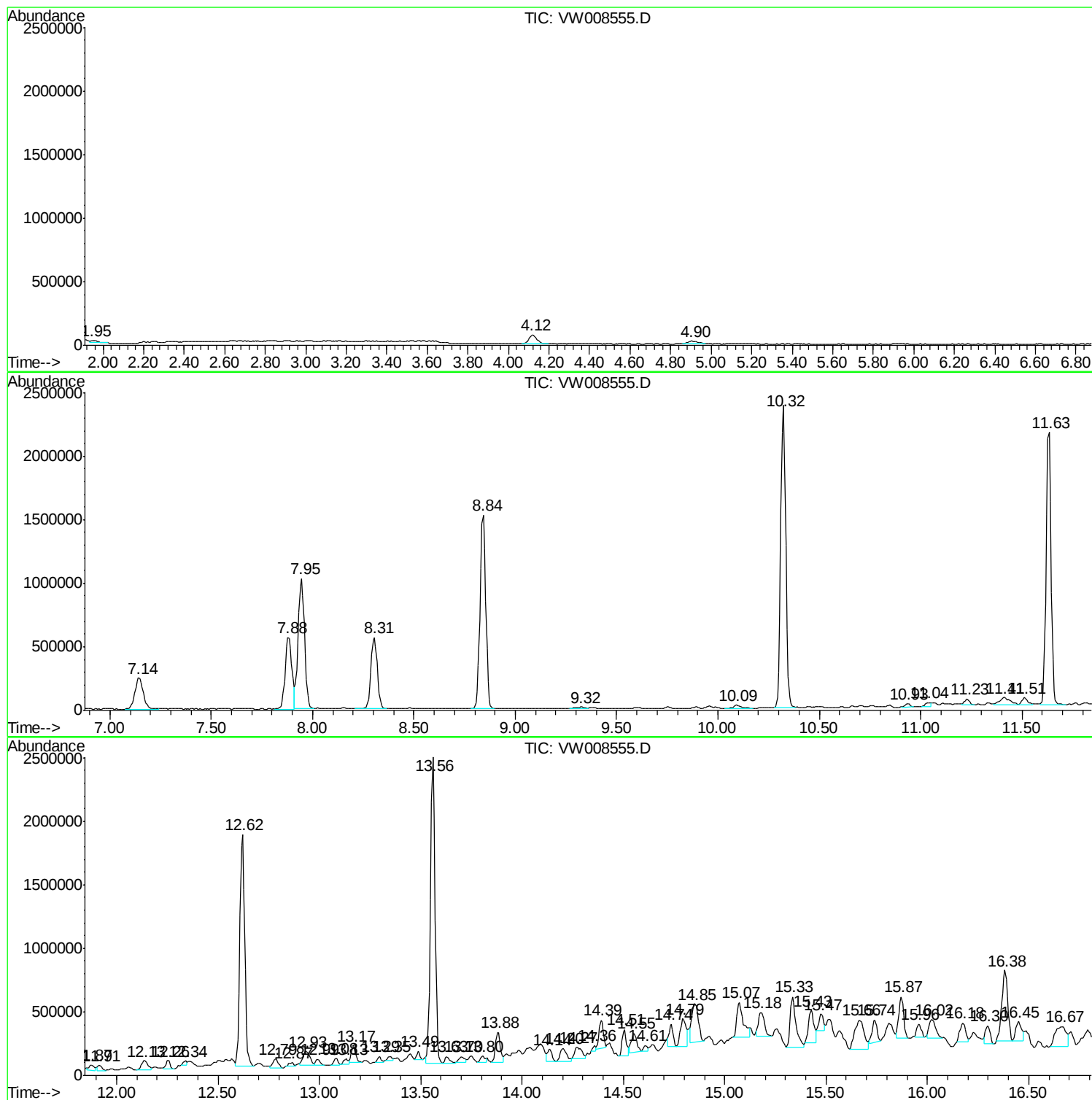
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

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



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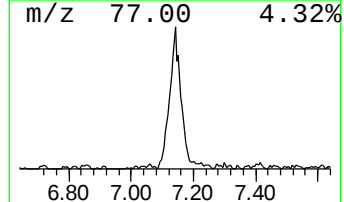
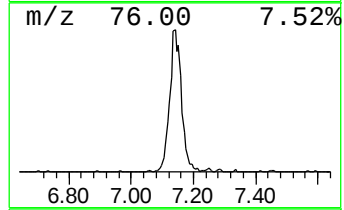
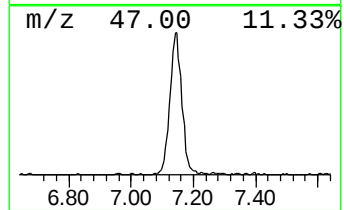
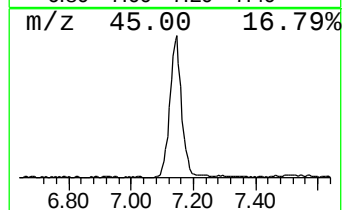
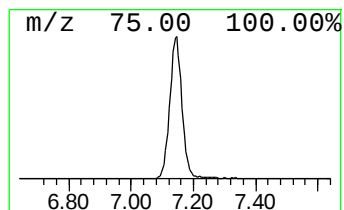
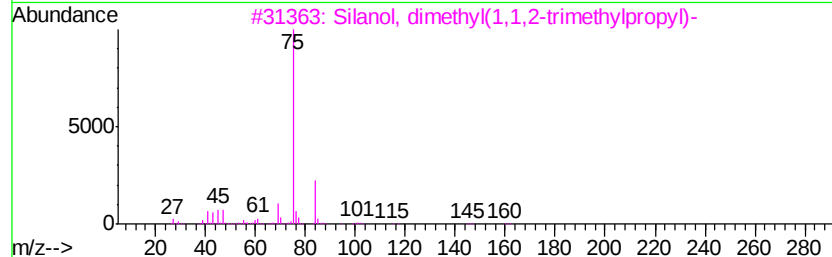
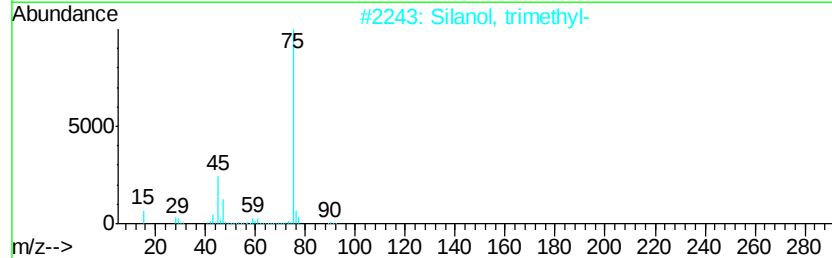
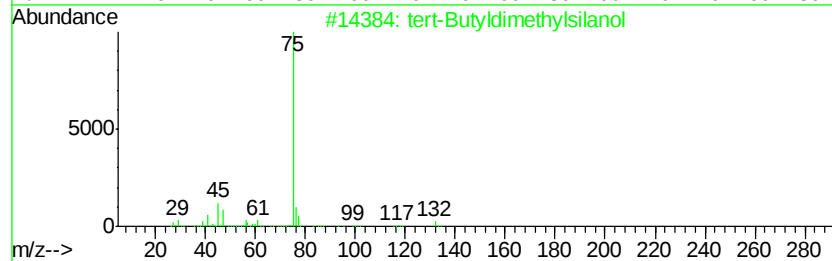
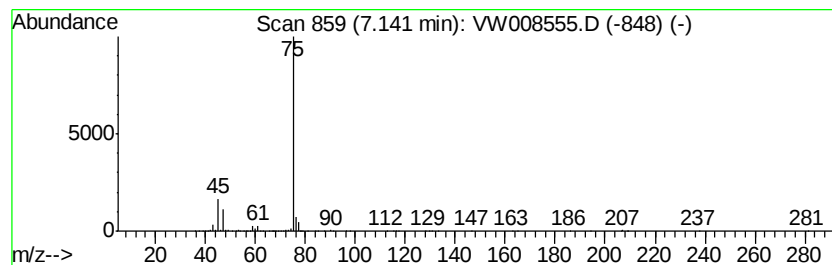
Instrument :
MSVOA_W
ClientSampleId :
SB-04(13-14)

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 tert-Butyldimethylsilanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
7.14	15.56 ug/l	699249	Pentafluorobenzene	7.95		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	tert-Butyldimethylsilanol	132	C6H16OSi	018173-64-3	83	
2	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	83	
3	Silanol, dimethyl(1,1,2-trimethyl-...)	160	C8H20OSi	055644-10-5	78	
4	Propanoic acid, 2-methyl-, tert-butyl-	202	C10H22O2Si	111864-21-2	64	
5	Silanol, trimethyl-, propanoate	146	C6H14O2Si	016844-98-7	64	



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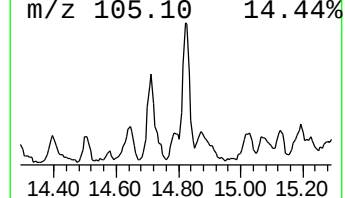
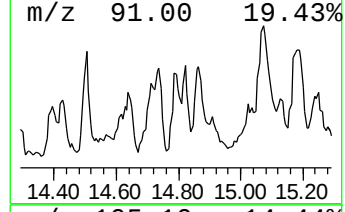
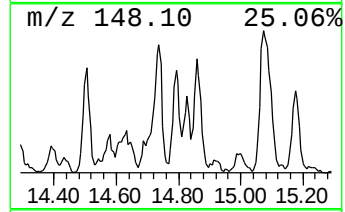
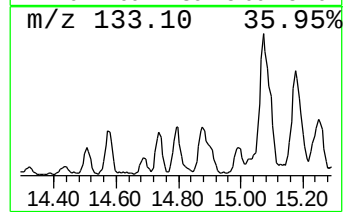
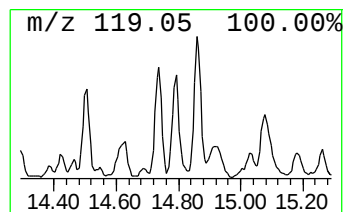
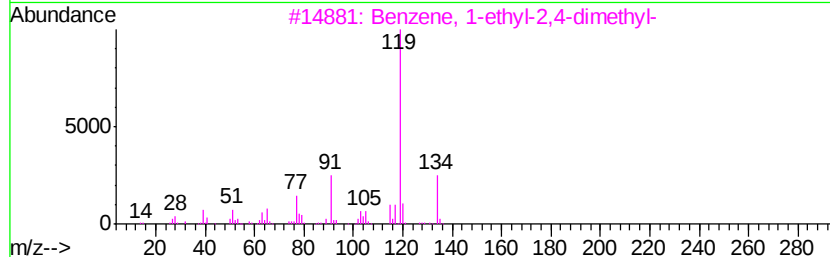
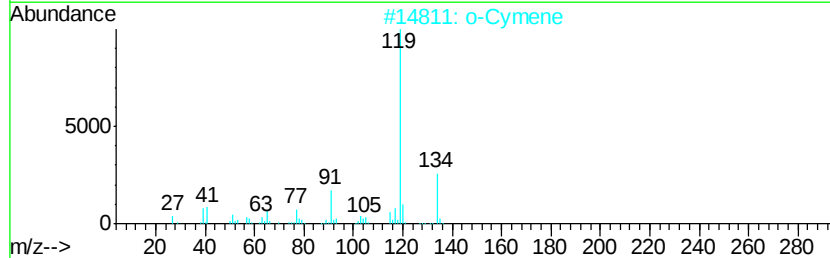
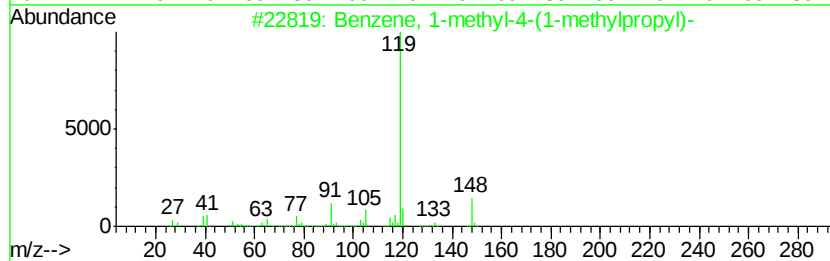
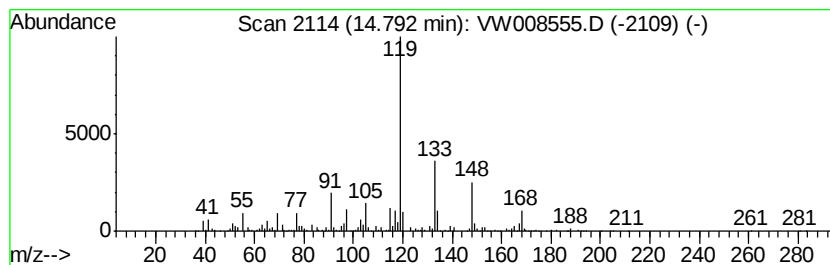
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-methyl-4-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	5.96 ug/l	449428	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148 C11H16	001595-16-0	70
2	o-Cymene	134 C10H14	000527-84-4	60
3	Benzene, 1-ethyl-2,4-dimethyl-	134 C10H14	000874-41-9	60
4	Benzene, 1-ethyl-3,5-dimethyl-	134 C10H14	000934-74-7	60
5	Benzene, 1,2,3,4-tetramethyl-	134 C10H14	000488-23-3	60



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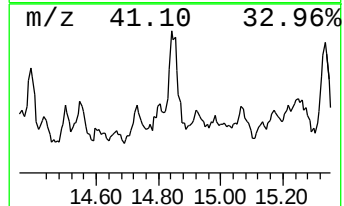
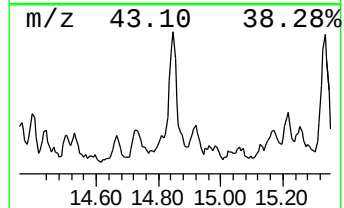
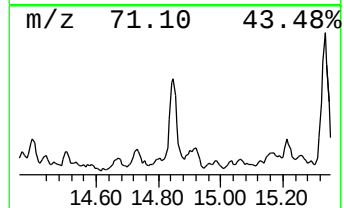
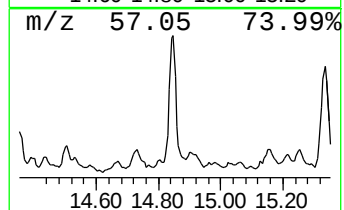
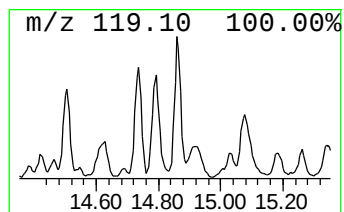
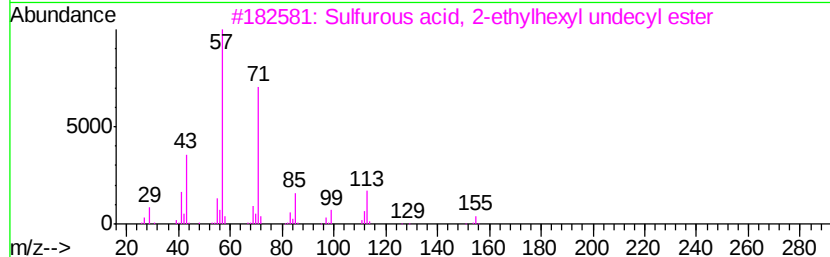
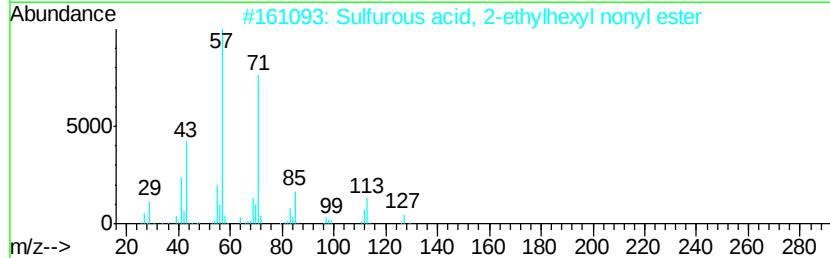
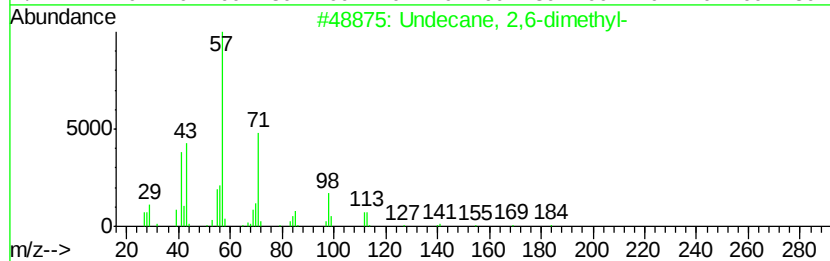
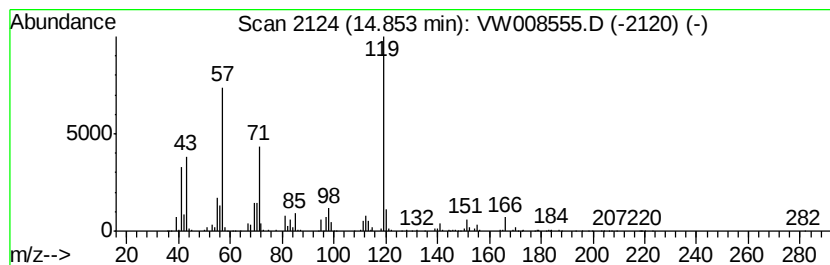
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Quant Title : SW846 8260

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

Peak Number 3 unknown14.85 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	8.80 ug/l	663224	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	42
2		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	22
3		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	22
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	22
5		Dodecane, 6-methyl-	184	C13H28	006044-71-9	20



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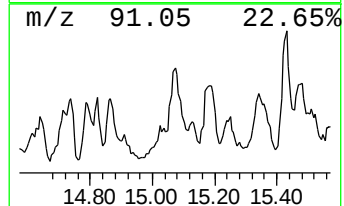
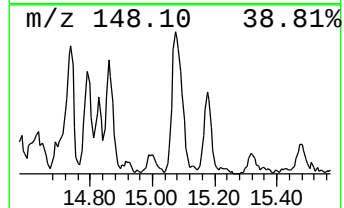
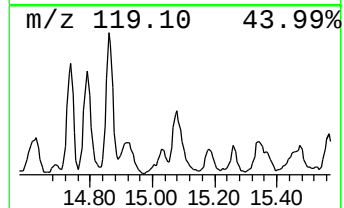
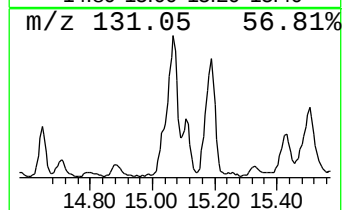
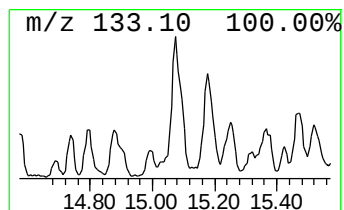
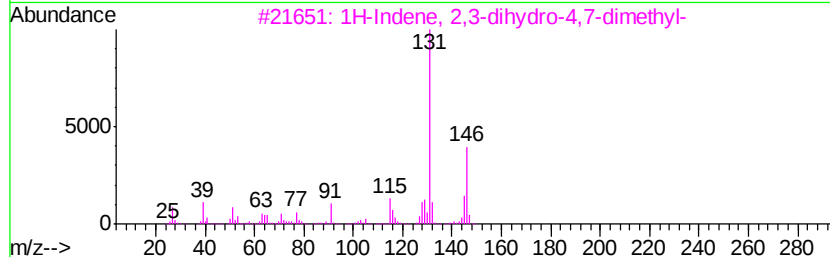
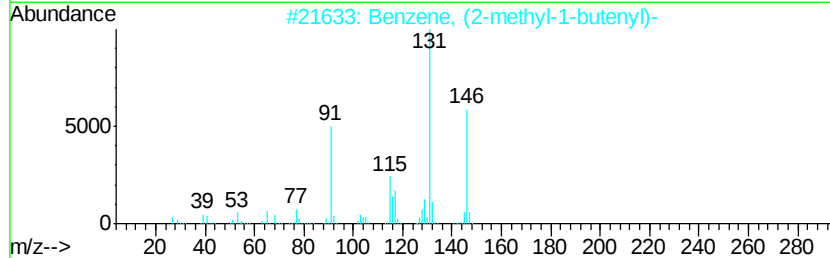
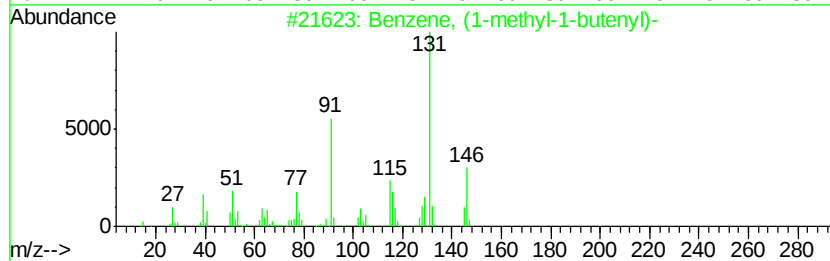
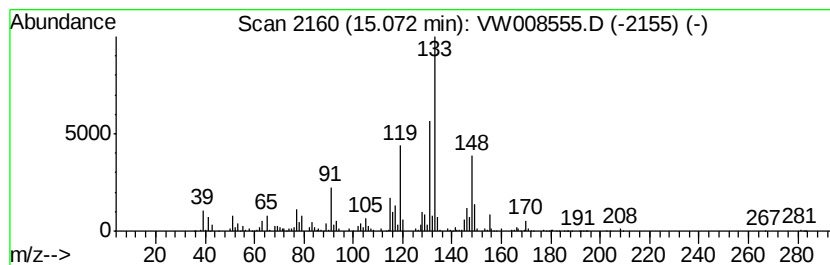
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown15.07 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	8.29 ug/l	624995	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	35
2		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	35
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	25
4		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	20
5		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	20



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020719\
Data File : VW008555.D
Acq On : 07 Feb 2019 16:22
Operator : SY/VA
Sample : K1390-05
Misc : 6.86G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-04(13-14)

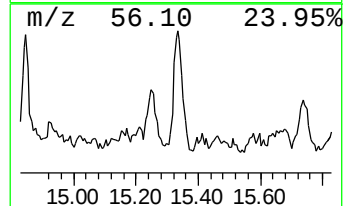
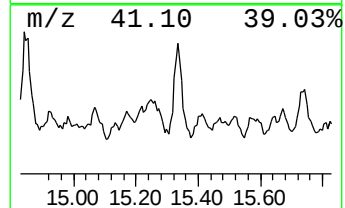
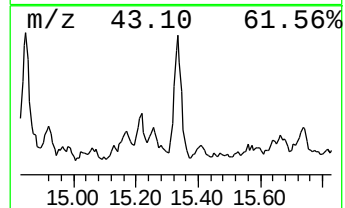
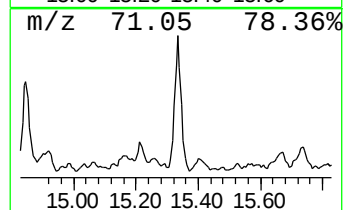
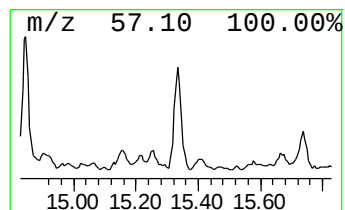
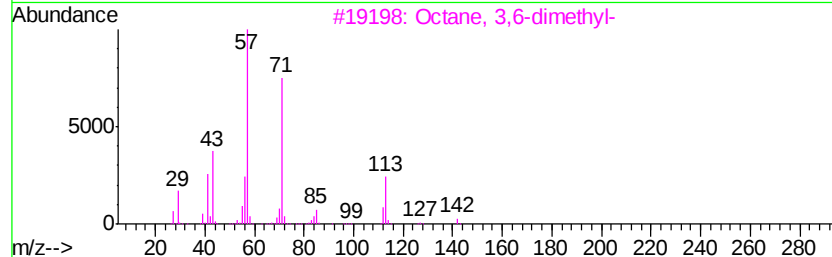
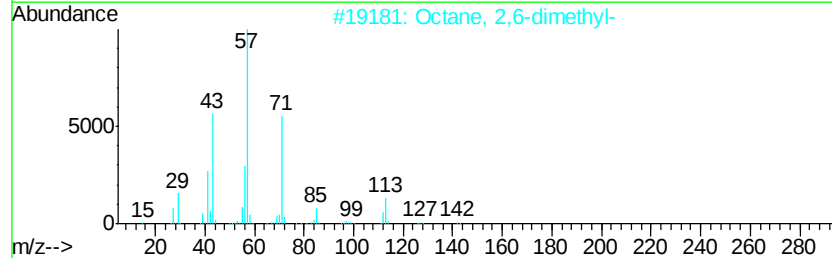
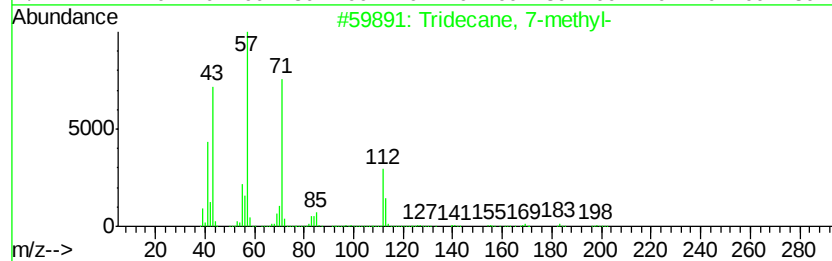
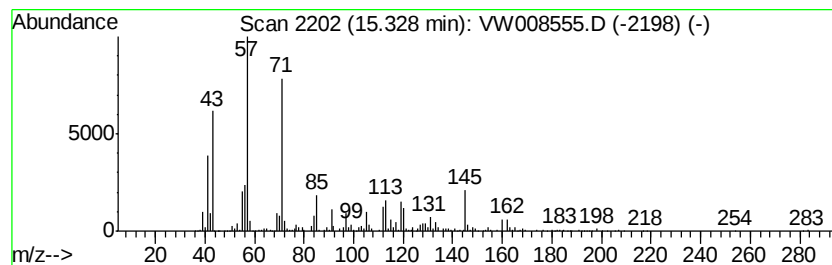
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Quant Title : SW846 8260

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

Peak Number 5 Tridecane, 7-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	10.80 ug/l	814093	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 7-methyl-	198	C14H30	026730-14-3	55
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	50
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	47
4		Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	47
5		Decane, 5-propyl-	184	C13H28	017312-62-8	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020719\
Data File : VW008555.D
Acq On : 07 Feb 2019 16:22
Operator : SY/VA
Sample : K1390-05
Misc : 6.86G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

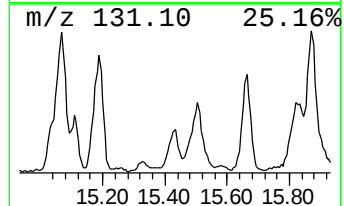
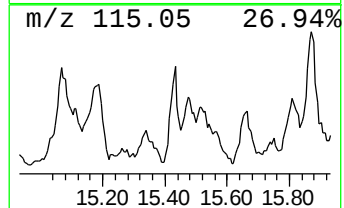
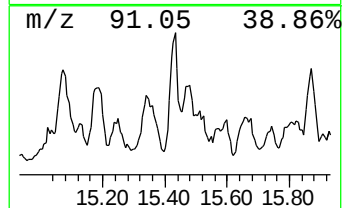
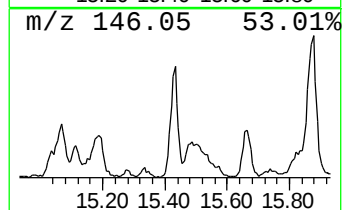
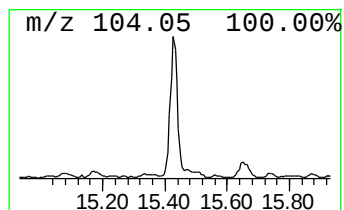
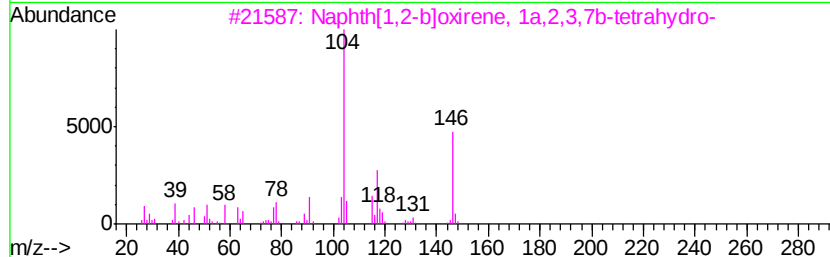
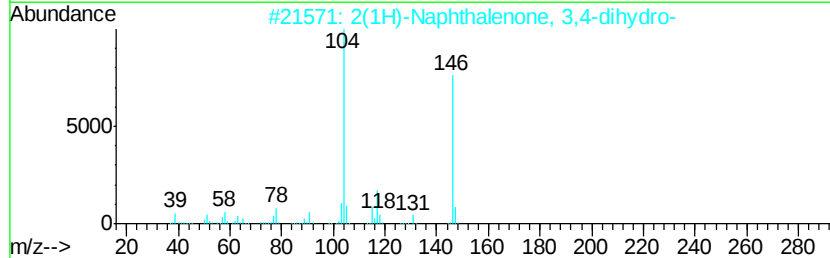
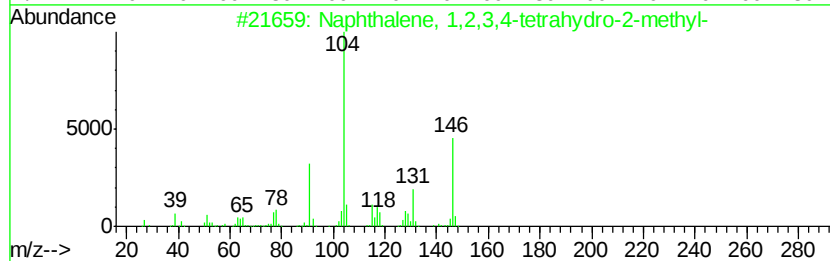
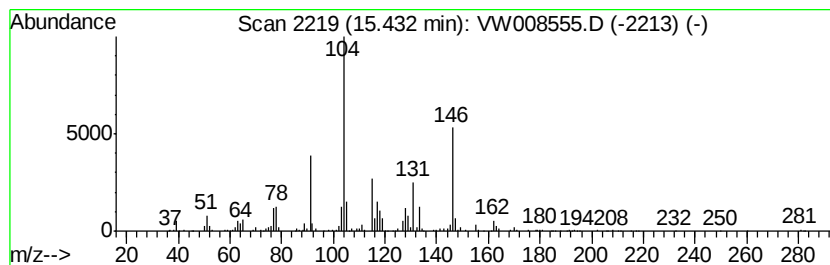
Instrument :
MSVOA_W
ClientSampleId :
SB-04(13-14)

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 6 Naphthalene, 1,2,3,4-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	6.35 ug/l	478680	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	003877-19-8 94
2		2(1H)-Naphthalenone, 3,4-dihydro-	146 C10H10O	000530-93-8 62
3		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146 C10H10O	002461-34-9 58
4		2,6-Piperidinedione, 3-phenyl-	189 C11H11N02	014149-34-9 50
5		Benzene, 1,1'-(1,2-cyclobutanedi...	208 C16H16	007694-30-6 42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020719\
Data File : VW008555.D
Acq On : 07 Feb 2019 16:22
Operator : SY/VA
Sample : K1390-05
Misc : 6.86G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-04(13-14)

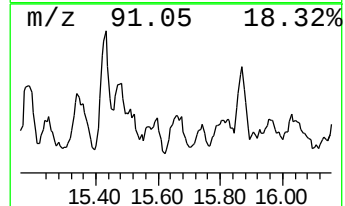
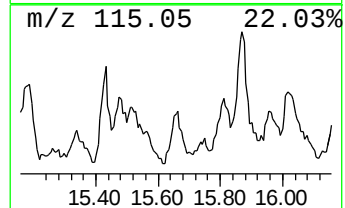
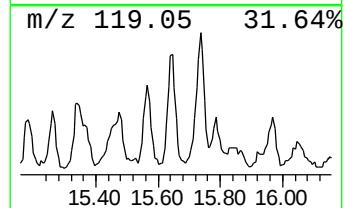
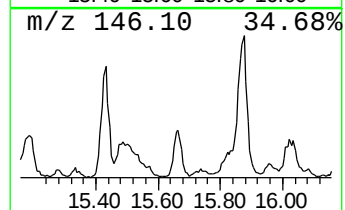
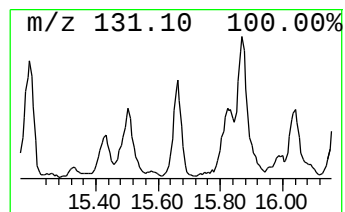
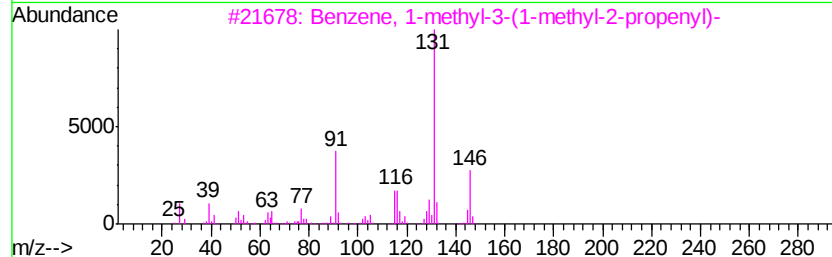
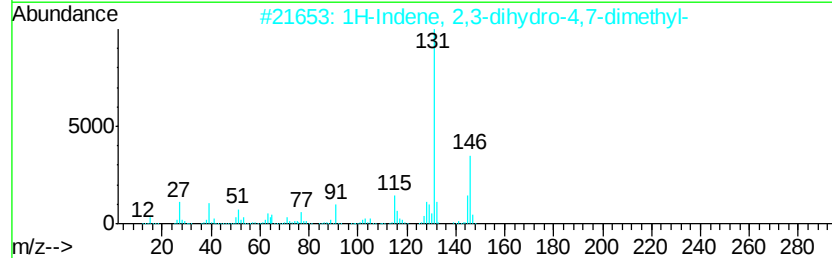
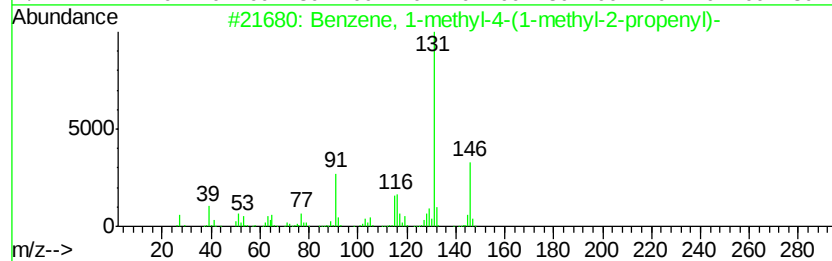
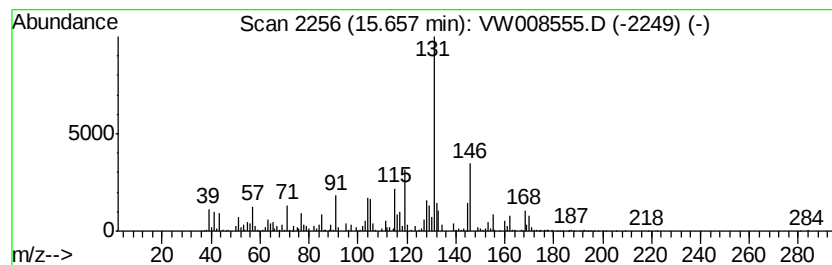
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1-methyl-4-(1-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	10.04 ug/l	757297	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	81
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
3		Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	81
4		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
5		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020719\
Data File : VW008555.D
Acq On : 07 Feb 2019 16:22
Operator : SY/VA
Sample : K1390-05
Misc : 6.86G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-04(13-14)

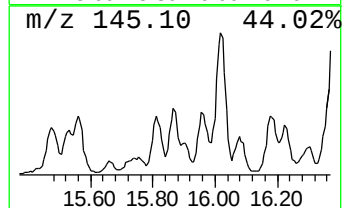
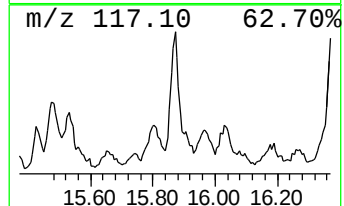
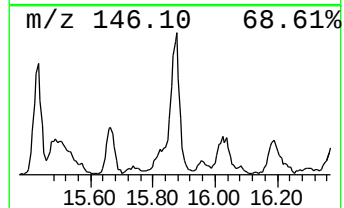
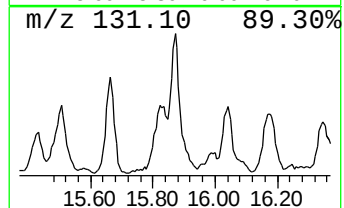
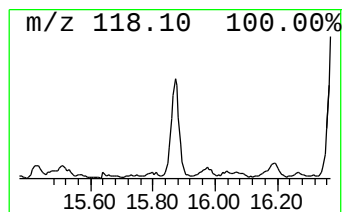
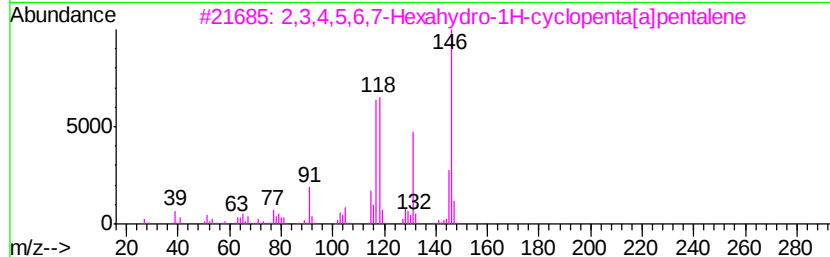
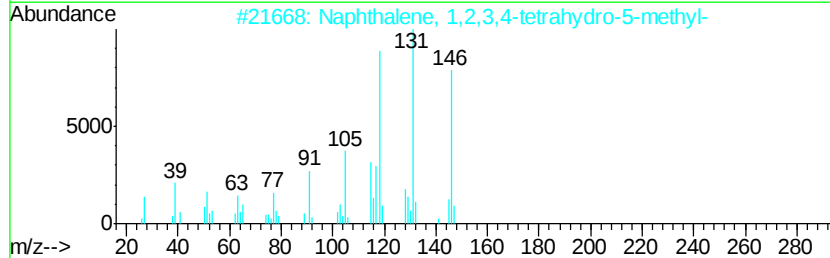
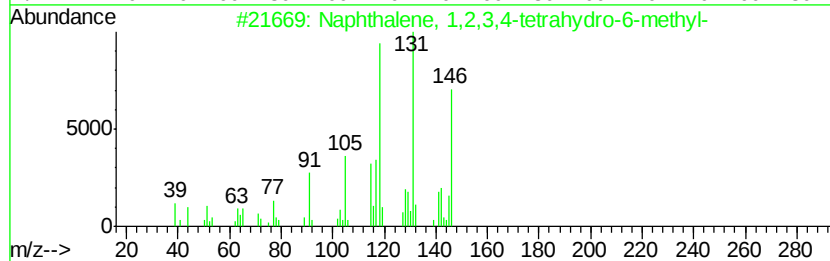
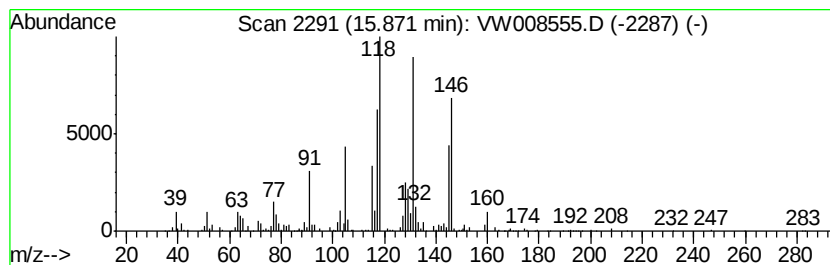
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	7.06 ug/l	532350	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	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
3		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	72
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	60
5		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020719\
Data File : VW008555.D
Acq On : 07 Feb 2019 16:22
Operator : SY/VA
Sample : K1390-05
Misc : 6.86G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-04(13-14)

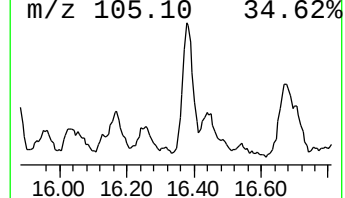
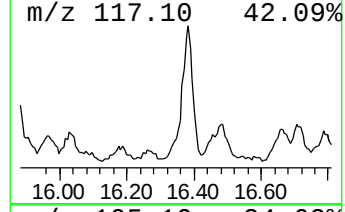
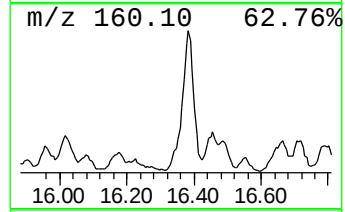
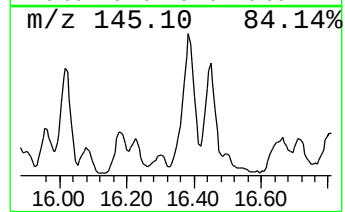
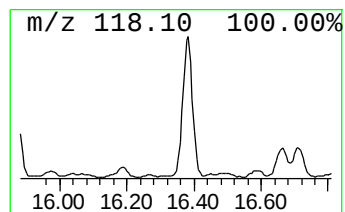
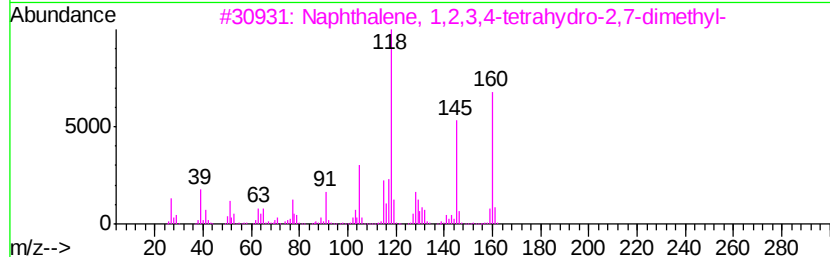
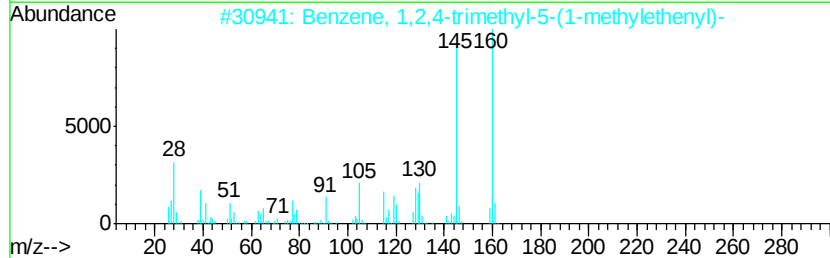
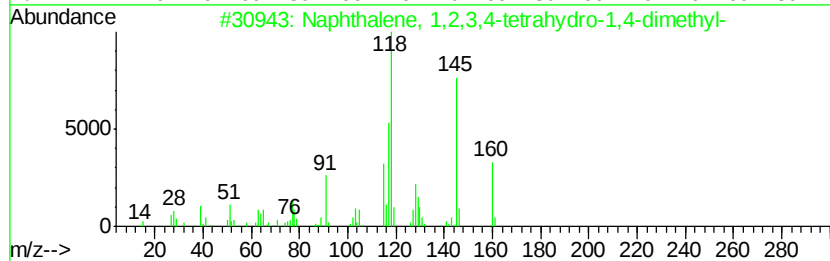
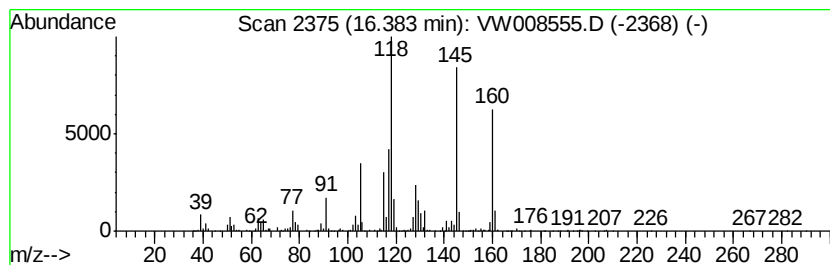
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	14.77 ug/l	1113990	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	90
2		Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	70
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	70
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	64
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020719\
Data File : VW008555.D
Acq On : 07 Feb 2019 16:22
Operator : SY/VA
Sample : K1390-05
Misc : 6.86G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-04(13-14)

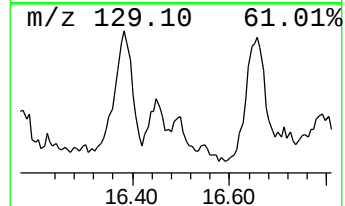
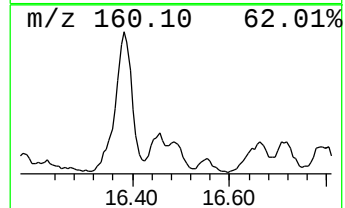
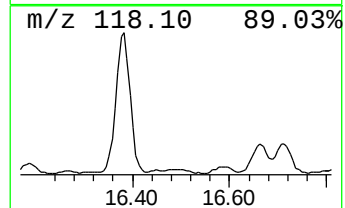
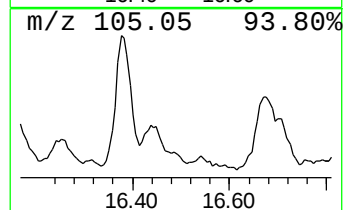
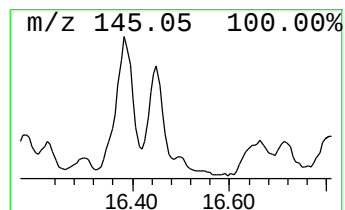
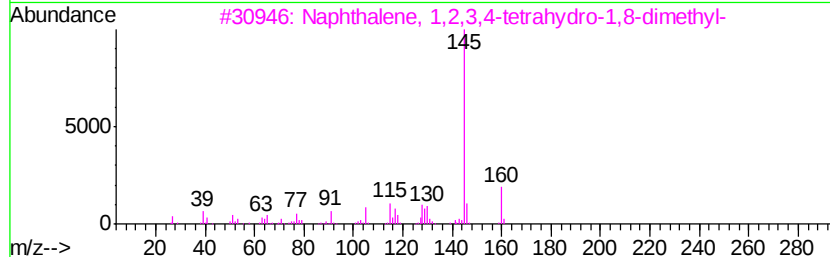
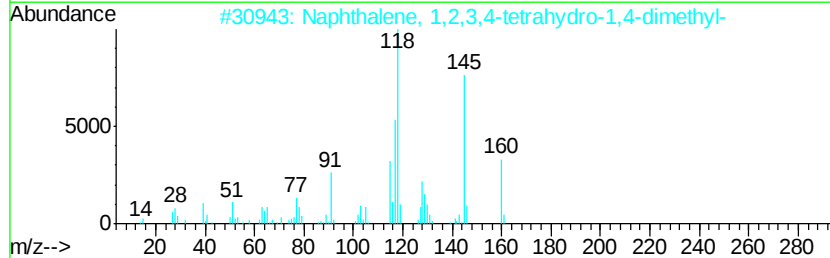
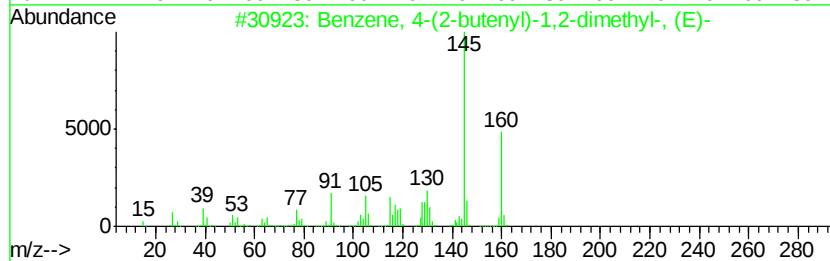
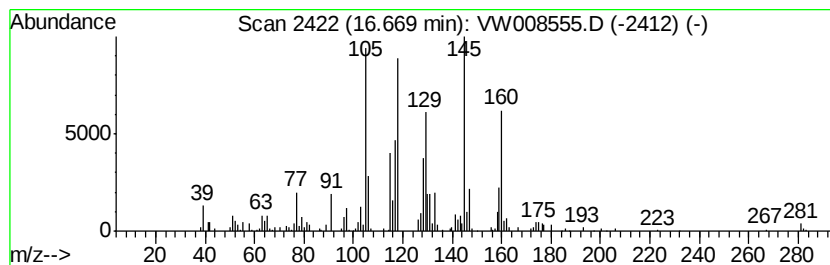
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Quant Title : SW846 8260

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

Peak Number 10 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	7.77 ug/l	585623	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	53
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	47
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	46
4		.alpha.-Methylstyrene	118	C9H10	000098-83-9	35
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW020719\
Data File : VW008555.D
Acq On : 07 Feb 2019 16:22
Operator : SY/VA
Sample : K1390-05
Misc : 6.86G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-04(13-14)

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
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Benzene, 1-methyl...	14.79	6.0	ug/l	449428	4	13.56	3770120	50.0
unknown14.85	14.85	8.8	ug/l	663224	4	13.56	3770120	50.0
unknown15.07	15.07	8.3	ug/l	624995	4	13.56	3770120	50.0
Tridecane, 7-methyl-	15.33	10.8	ug/l	814093	4	13.56	3770120	50.0
Naphthalene, 1,2,...	15.43	6.3	ug/l	478680	4	13.56	3770120	50.0
Benzene, 1-methyl...	15.66	10.0	ug/l	757297	4	13.56	3770120	50.0
Naphthalene, 1,2,...	15.87	7.1	ug/l	532350	4	13.56	3770120	50.0
Naphthalene, 1,2,...	16.38	14.8	ug/l	1113990	4	13.56	3770120	50.0
Benzene, 4-(2-but...	16.67	7.8	ug/l	585623	4	13.56	3770120	50.0