

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004757.D
 Acq On : 18 Aug 2018 02:13
 Operator : SY/AP
 Sample : J4486-01
 Misc : 5.47G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ202

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\82W081918S.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	1.813	28	37	58	rBV	13959992	35302549	100.00%	50.521%
2	7.885	1022	1033	1038	rBV	276935	662205	1.88%	0.948%
3	7.952	1038	1044	1053	rVB	574506	1286144	3.64%	1.841%
4	8.312	1095	1103	1114	rVB	253334	568021	1.61%	0.813%
5	8.848	1178	1191	1202	rBV	722727	1426048	4.04%	2.041%
6	9.336	1258	1271	1287	rBV	191947	468168	1.33%	0.670%
7	10.330	1426	1434	1442	rBV	1019821	1875762	5.31%	2.684%
8	11.634	1641	1648	1658	rBV	739552	1244547	3.53%	1.781%
9	12.622	1805	1810	1819	rBV2	460469	835384	2.37%	1.195%
10	12.951	1855	1864	1870	rBV5	292433	734834	2.08%	1.052%
11	13.171	1896	1900	1909	rBV2	270486	415218	1.18%	0.594%
12	13.457	1939	1947	1950	rBV5	281453	599849	1.70%	0.858%
13	13.567	1960	1965	1969	rVV	421865	728791	2.06%	1.043%
14	13.884	2012	2017	2022	rBV	665083	1198953	3.40%	1.716%
15	14.103	2050	2053	2057	rVB	275835	388275	1.10%	0.556%
16	14.207	2065	2070	2075	rBV4	350895	646840	1.83%	0.926%
17	14.274	2076	2081	2086	rBV6	306554	582113	1.65%	0.833%
18	14.396	2096	2101	2105	rBV2	1050849	1669189	4.73%	2.389%
19	14.506	2116	2119	2122	rVV4	241227	370887	1.05%	0.531%
20	14.554	2123	2127	2132	rVV4	822271	1424226	4.03%	2.038%
21	14.609	2133	2136	2141	rVB4	291357	472346	1.34%	0.676%
22	14.750	2155	2159	2163	rBV4	319160	472523	1.34%	0.676%
23	14.804	2163	2168	2173	rBV4	1047392	2304633	6.53%	3.298%
24	14.859	2173	2177	2183	rVB3	1232313	2485360	7.04%	3.557%
25	14.981	2194	2197	2200	rBV3	328812	481977	1.37%	0.690%
26	15.073	2208	2212	2219	rBV2	1023943	1904930	5.40%	2.726%
27	15.188	2225	2231	2237	rBV3	920321	2249406	6.37%	3.219%
28	15.341	2251	2256	2264	rBV2	1115818	2175655	6.16%	3.114%
29	15.670	2303	2310	2317	rBV5	566655	1701167	4.82%	2.435%
30	15.749	2319	2323	2328	rVB4	532703	941810	2.67%	1.348%
31	16.304	2411	2414	2422	rVB3	389896	760227	2.15%	1.088%
32	16.646	2466	2470	2484	rVB7	454875	1499378	4.25%	2.146%

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

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

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Title : SW846 8260

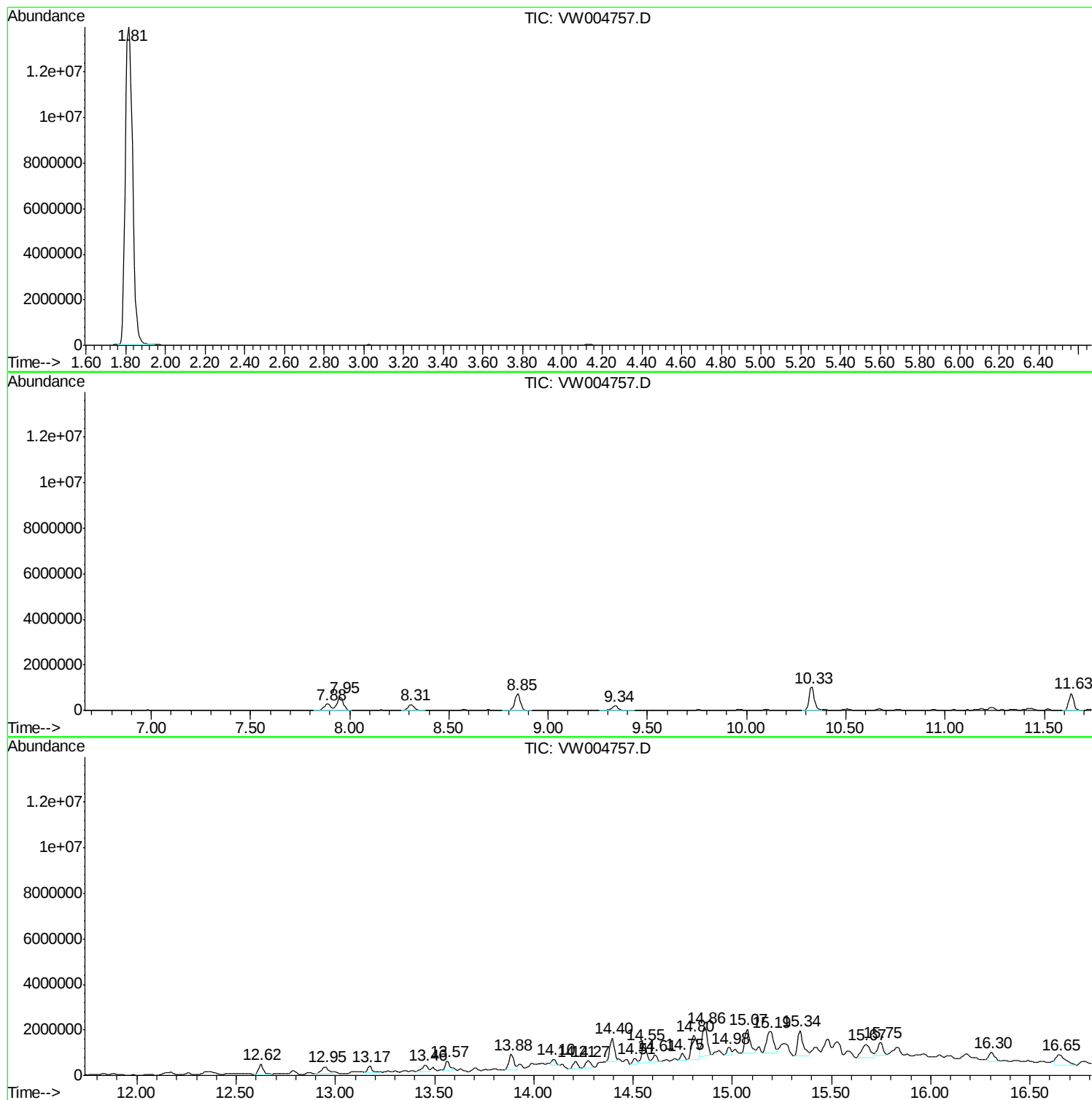
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Quant Title : SW846 8260

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



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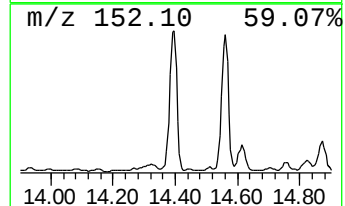
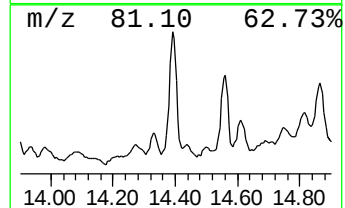
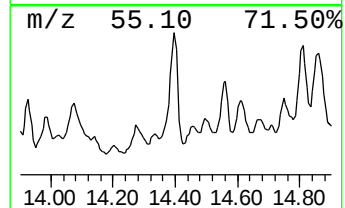
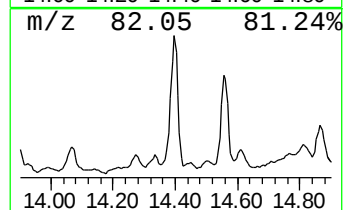
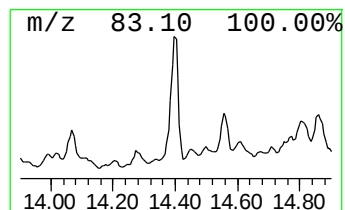
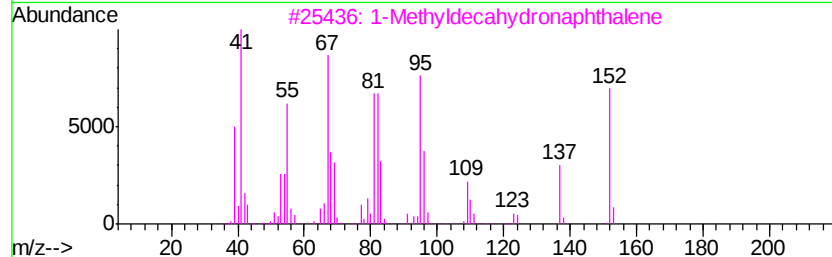
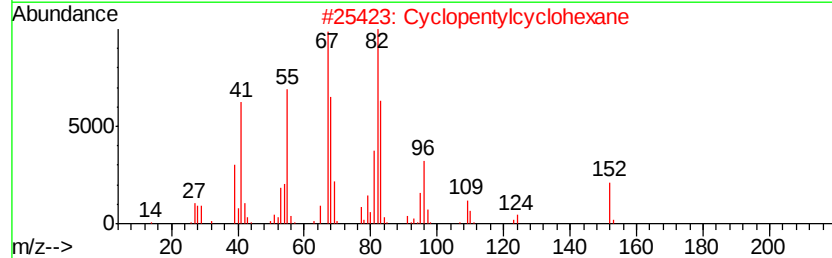
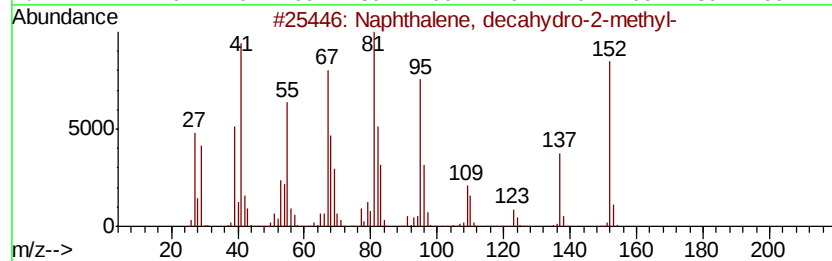
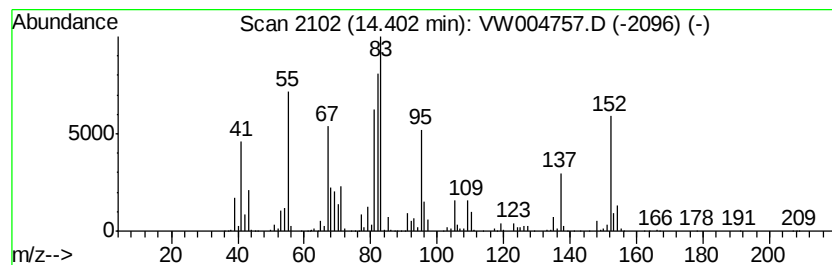
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, decahydro-2-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	114.52 ug/l	1669190	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	92
2		Cyclopentylcyclohexane	152	C11H20	001606-08-2	55
3		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	53
4		Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	49
5		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	46



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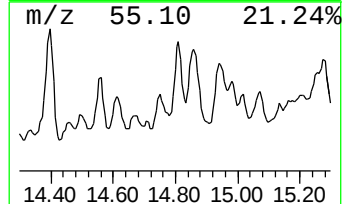
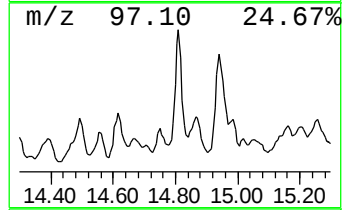
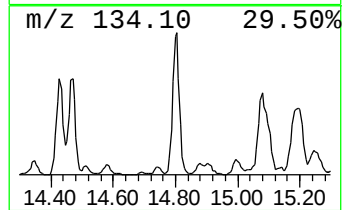
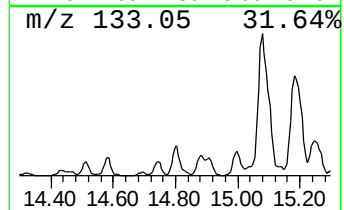
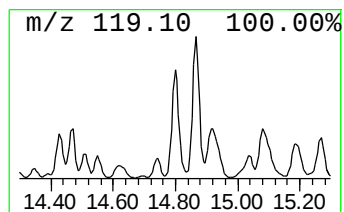
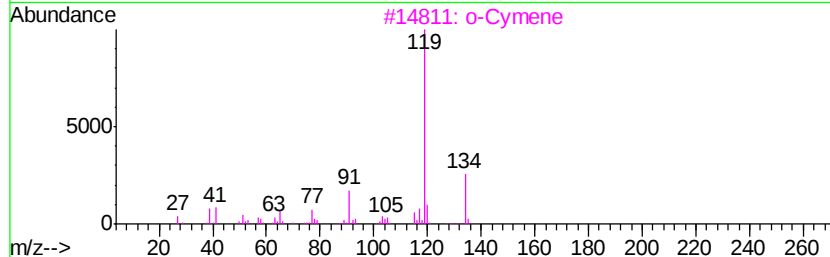
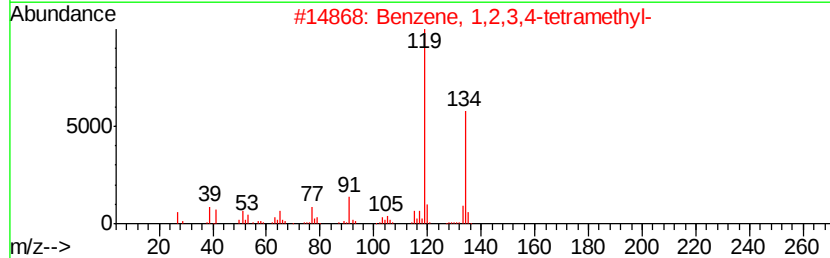
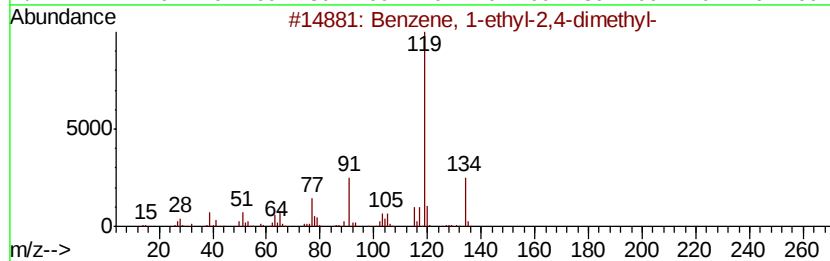
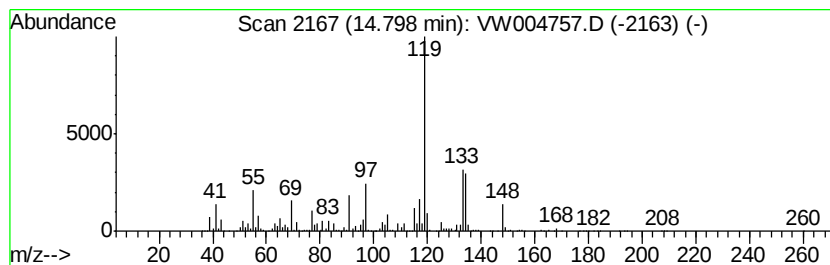
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	158.11 ug/l	2304630	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	50
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	50
3		o-Cymene	134	C10H14	000527-84-4	50
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50
5		p-Cymene	134	C10H14	000099-87-6	50



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ALS Vial : 27 Sample Multiplier: 1

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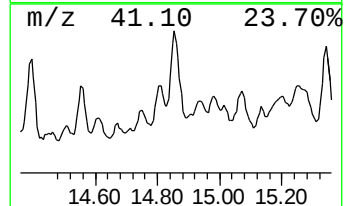
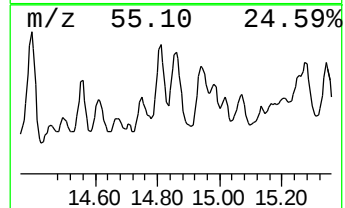
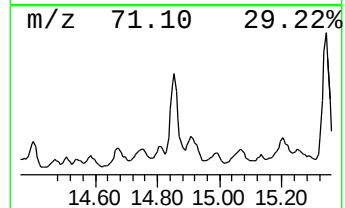
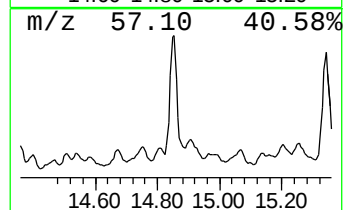
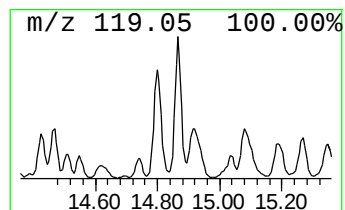
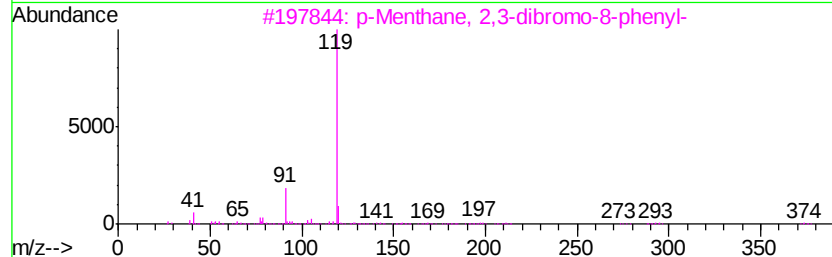
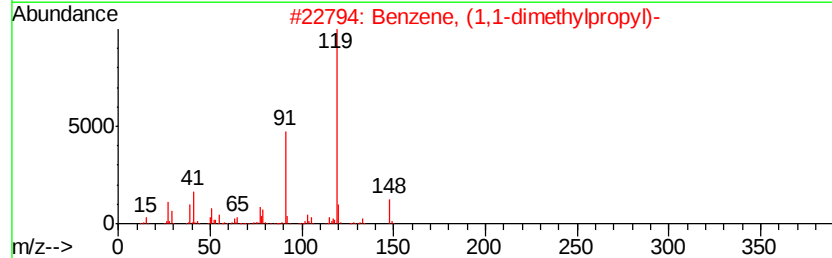
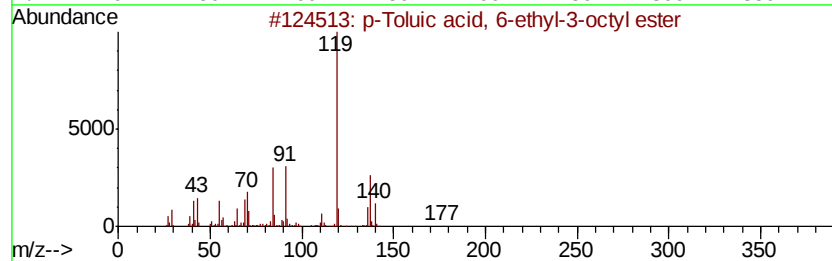
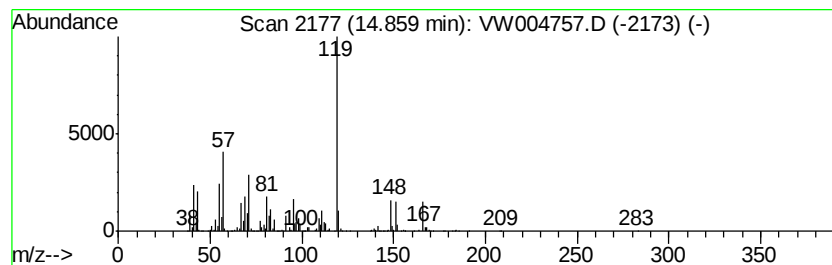
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Quant Title : SW846 8260

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

Peak Number 5 unknown14.86 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	170.51 ug/l	2485360	1,4-Dichlorobenzene-d4	13.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		p-Toluic acid, 6-ethyl-3-octyl e...	276	C18H28O2	1000293-34-2	47
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
3		p-Menthane, 2,3-dibromo-8-phenyl-	372	C16H22Br2	1000152-61-6	43
4		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	43
5		p-Toluic acid, 5-tridecyl ester	318	C21H34O2	1000299-80-5	38



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ALS Vial : 27 Sample Multiplier: 1

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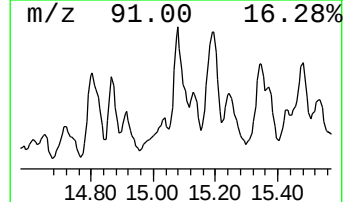
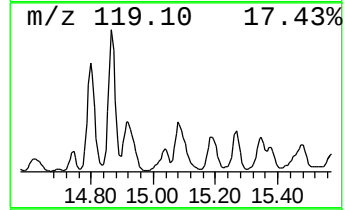
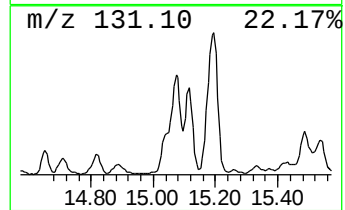
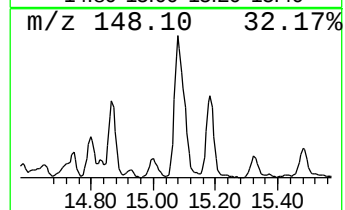
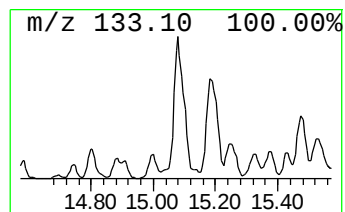
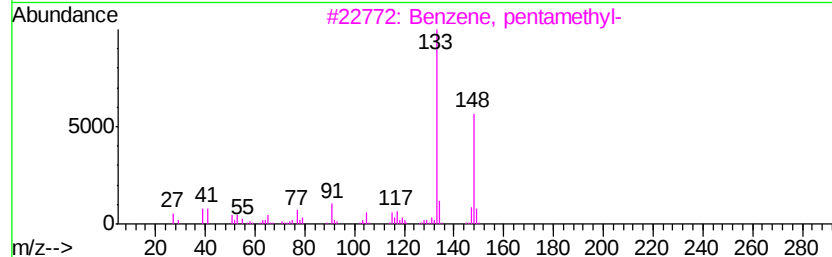
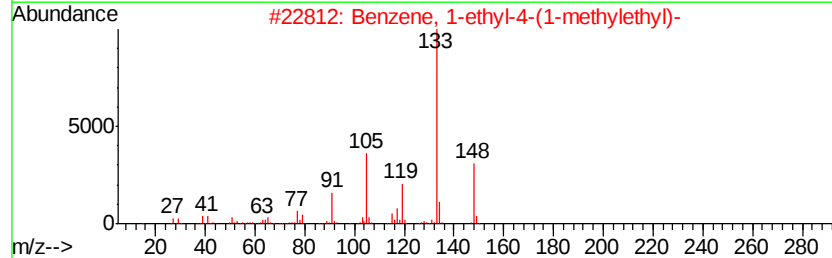
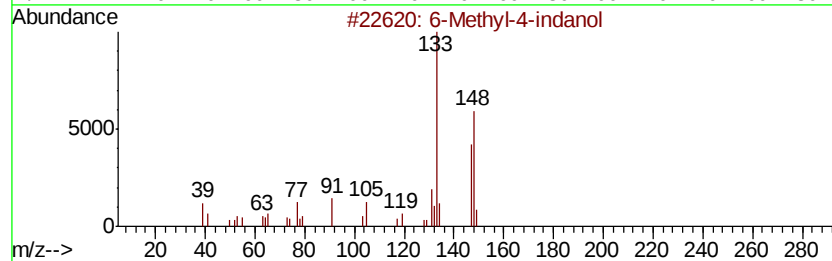
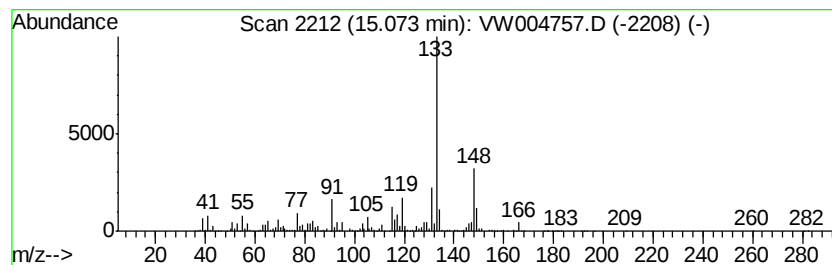
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 6-Methyl-4-indanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	130.69 ug/l	1904930	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Methyl-4-indanol	148	C10H12O	020294-32-0	74
2		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	70
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	68
4		1,5,6,7-Tetramethylbicyclo[3.2.0]...	148	C11H16	134329-46-7	64
5		3,4-Dimethylcumene	148	C11H16	1000370-34-1	62



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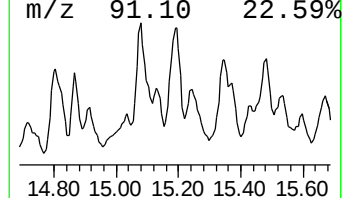
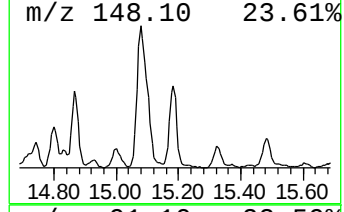
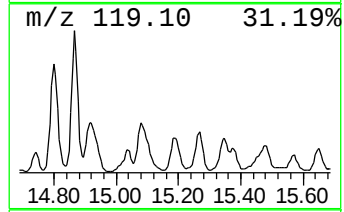
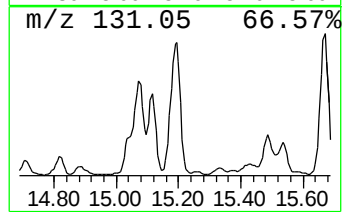
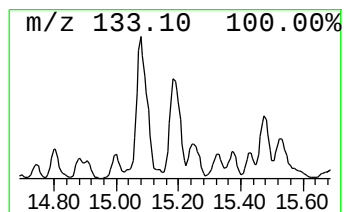
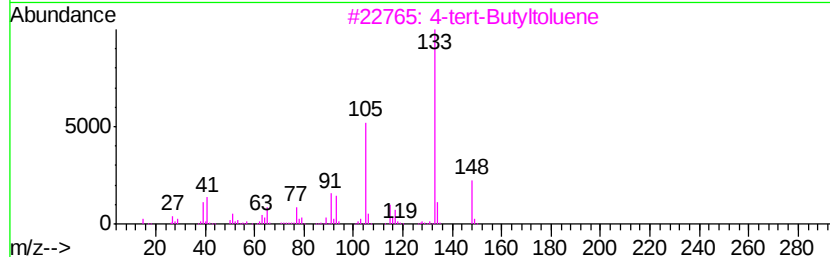
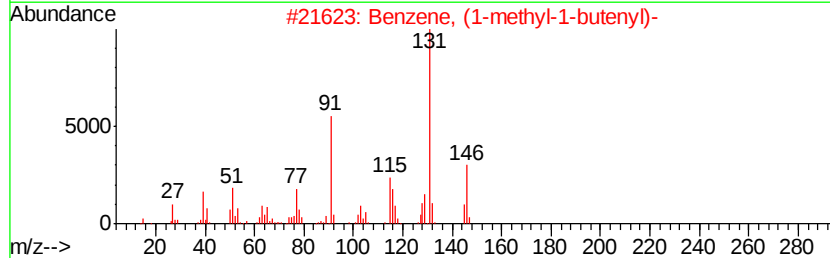
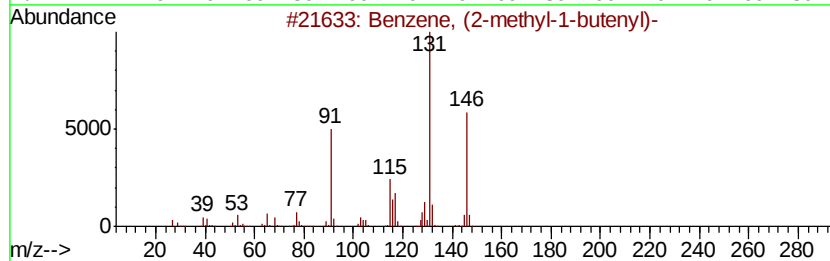
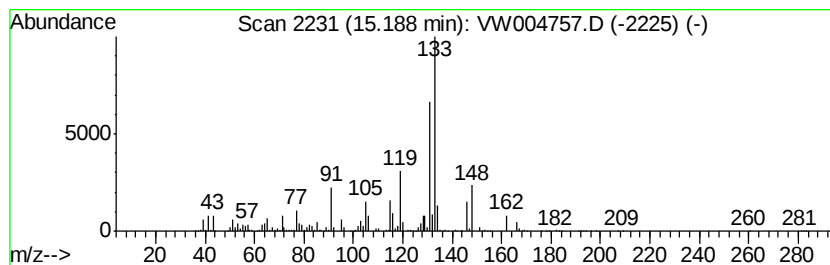
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	154.32 ug/l	2249410	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	60
2		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	48
3		4-tert-Butyltoluene	148	C11H16	000098-51-1	46
4		Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	46
5		5-Aminoindazole	133	C7H7N3	019335-11-6	41



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081918\
Data File : VW004757.D
Acq On : 18 Aug 2018 02:13
Operator : SY/AP
Sample : J4486-01
Misc : 5.47G/5ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VNJ202

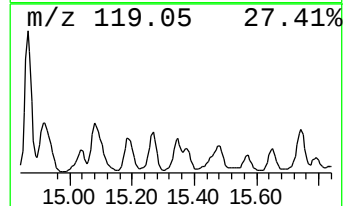
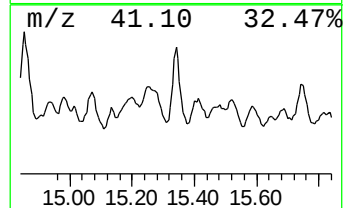
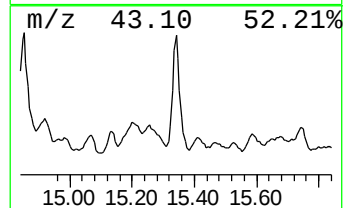
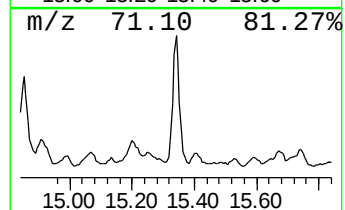
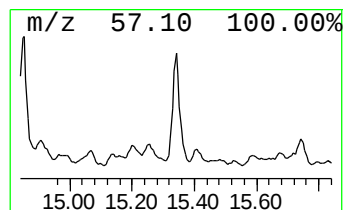
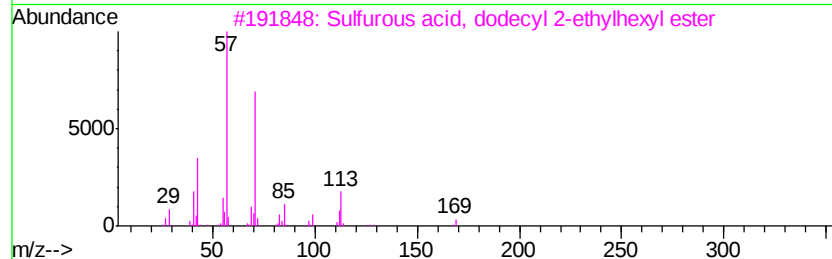
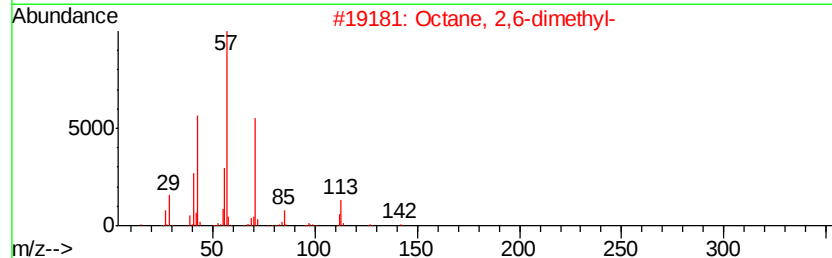
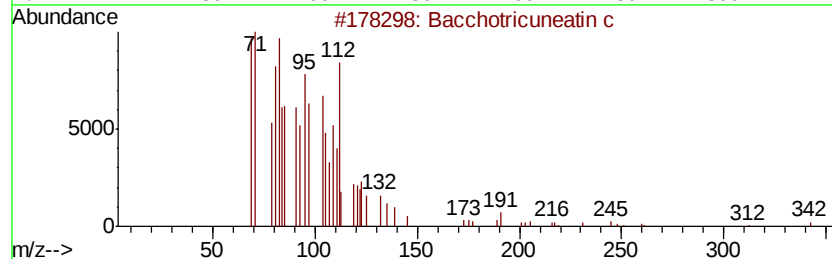
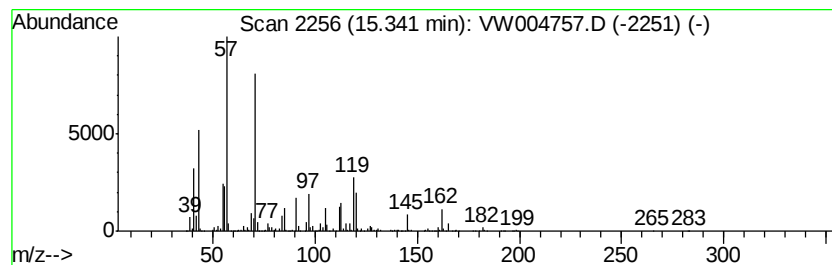
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260

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

Peak Number 8 Bacchotricuneatin c Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	149.27 ug/l	2175660	1,4-Dichlorobenzene-d4	13.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bacchotricuneatin c	342	C20H22O5	066563-30-2	58
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
3		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	47
4		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	47
5		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081918\
Data File : VW004757.D
Acq On : 18 Aug 2018 02:13
Operator : SY/AP
Sample : J4486-01
Misc : 5.47G/5ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VNJ202

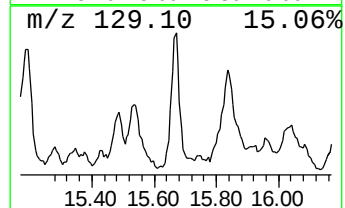
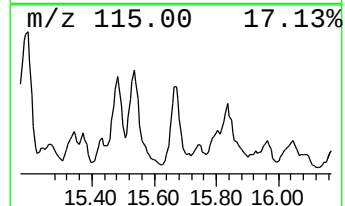
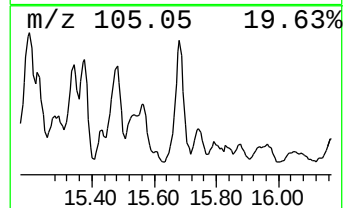
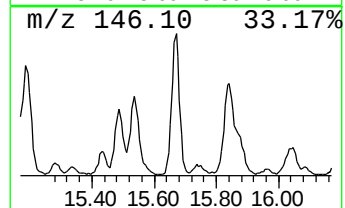
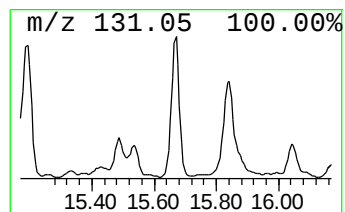
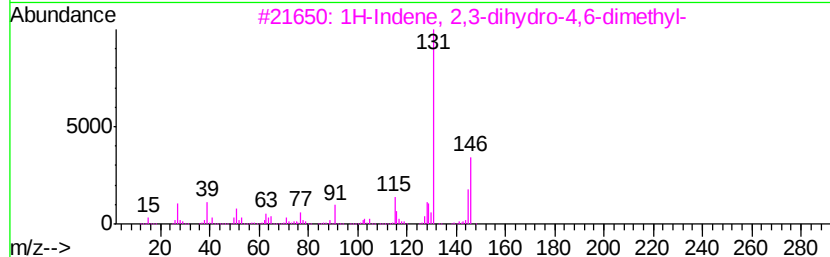
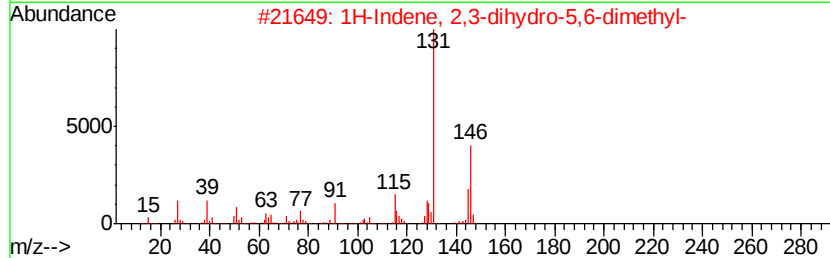
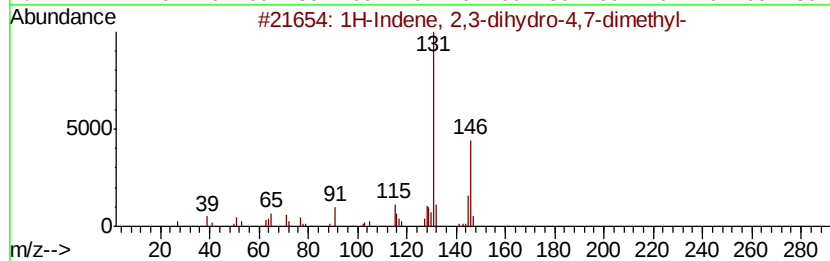
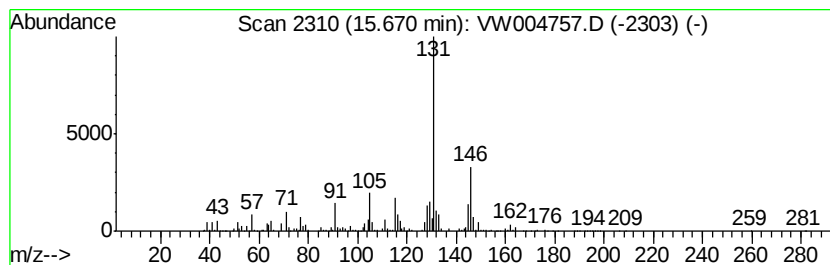
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260

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

Peak Number 9 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	116.71 ug/l	1701170	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
2		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	96
3		1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94
4		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081918\
Data File : VW004757.D
Acq On : 18 Aug 2018 02:13
Operator : SY/AP
Sample : J4486-01
Misc : 5.47G/5ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VNJ202

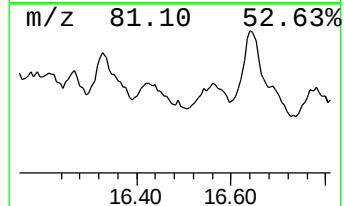
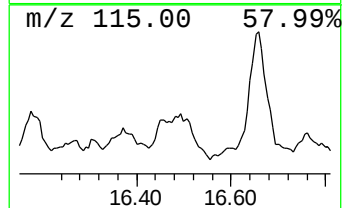
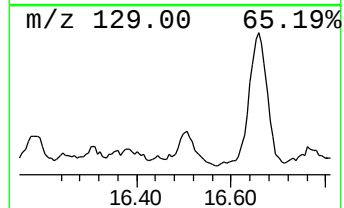
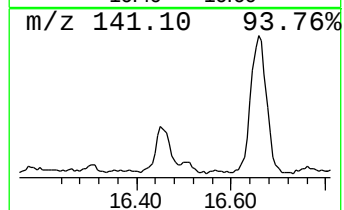
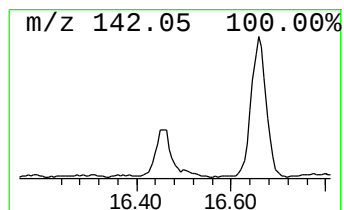
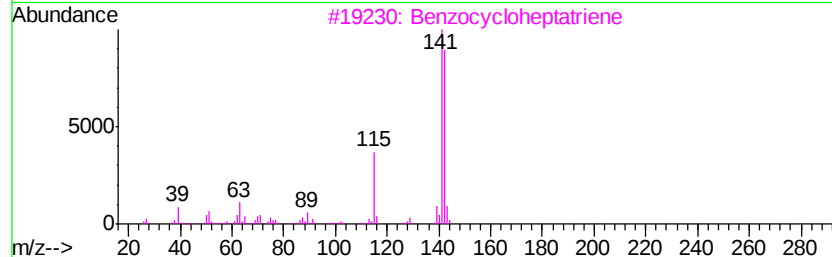
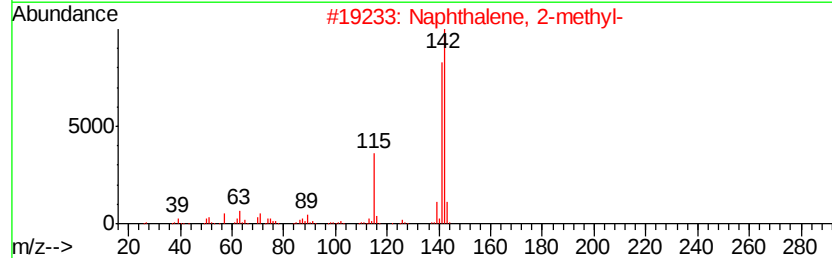
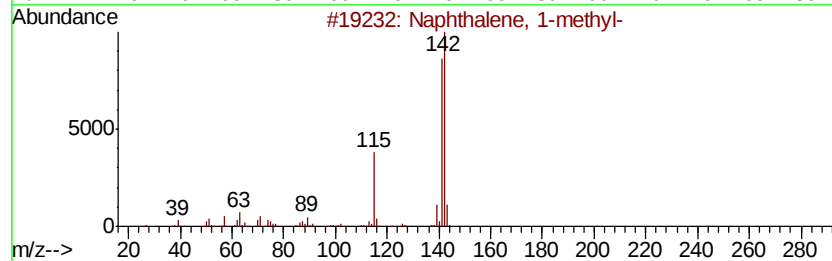
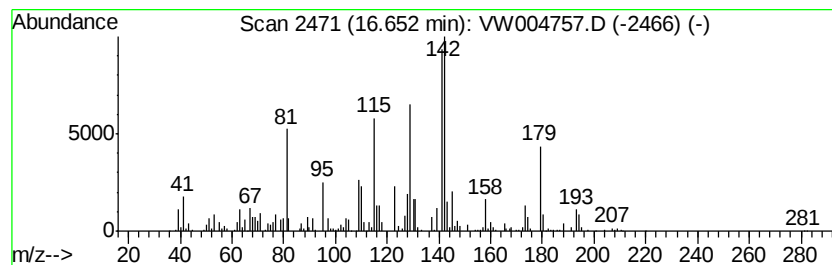
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260

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

Peak Number 10 unknown16.65 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	102.87 ug/l	1499380	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	38
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	38
3		Benzocycloheptatriene	142	C11H10	000264-09-5	30
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	22
5		Spiro(tricyclo[6.2.1.0(2,7)]unde...	186	C13H14O	1000210-02-3	14



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081918\
Data File : VW004757.D
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Sample : J4486-01
Misc : 5.47G/5ML/MSVOA_W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VNJ202

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.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
Naphthalene, deca...	14.40	114.5	ug/l	1669190	4	13.57	728791	50.0
Benzene, 1-ethyl-...	14.80	158.1	ug/l	2304630	4	13.57	728791	50.0
unknown14.86	14.86	170.5	ug/l	2485360	4	13.57	728791	50.0
6-Methyl-4-indanol	15.07	130.7	ug/l	1904930	4	13.57	728791	50.0
Benzene, (2-methy...	15.19	154.3	ug/l	2249410	4	13.57	728791	50.0
Bacchotricuneatin c	15.34	149.3	ug/l	2175660	4	13.57	728791	50.0
1H-Indene, 2,3-di...	15.67	116.7	ug/l	1701170	4	13.57	728791	50.0
unknown16.65	16.65	102.9	ug/l	1499380	4	13.57	728791	50.0