

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
 Data File : VW006192.D
 Acq On : 18 Oct 2018 22:20
 Operator : VA/AP
 Sample : J5204-07
 Misc : 6.08G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-03-101718-B

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\82W101518S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.891	972	982	986	rBV	39190	93448	3.02%	0.602%
2	7.952	986	992	1000	rVB	93150	211956	6.85%	1.365%
3	8.311	1043	1051	1061	rVB2	36051	84190	2.72%	0.542%
4	8.848	1130	1139	1150	rBV	122200	246506	7.97%	1.588%
5	9.336	1205	1219	1225	rBV2	48914	130723	4.23%	0.842%
6	9.756	1282	1288	1298	rVB2	18612	34897	1.13%	0.225%
7	10.092	1335	1343	1348	rBV4	14160	37761	1.22%	0.243%
8	10.329	1374	1382	1397	rBV	199367	434198	14.04%	2.796%
9	10.506	1405	1411	1419	rVB5	29563	79001	2.55%	0.509%
10	10.671	1433	1438	1444	rVB2	40742	71565	2.31%	0.461%
11	10.762	1446	1453	1459	rBV4	31170	75934	2.45%	0.489%
12	10.939	1474	1482	1488	rBV2	27912	49490	1.60%	0.319%
13	11.043	1488	1499	1505	rBV3	21736	70845	2.29%	0.456%
14	11.110	1505	1510	1513	rBV3	18195	33508	1.08%	0.216%
15	11.183	1513	1522	1526	rVV2	75479	178654	5.77%	1.151%
16	11.232	1526	1530	1536	rVV	81618	165086	5.34%	1.063%
17	11.286	1536	1539	1543	rVV5	23146	42589	1.38%	0.274%
18	11.341	1544	1548	1552	rVB2	31465	52941	1.71%	0.341%
19	11.439	1557	1564	1572	rVB4	35144	89735	2.90%	0.578%
20	11.518	1572	1577	1580	rBV	31809	55362	1.79%	0.357%
21	11.634	1591	1596	1608	rVB	153806	263514	8.52%	1.697%
22	11.731	1608	1612	1616	rBV2	27405	42328	1.37%	0.273%
23	11.817	1622	1626	1631	rBV5	21129	49817	1.61%	0.321%
24	11.878	1632	1636	1640	rVV2	66251	125436	4.05%	0.808%
25	11.920	1641	1643	1648	rVB3	41766	56137	1.81%	0.362%
26	12.042	1659	1663	1673	rBV4	18273	56097	1.81%	0.361%
27	12.146	1673	1680	1687	rBV4	75389	207668	6.71%	1.337%
28	12.256	1695	1698	1702	rVB	47618	68656	2.22%	0.442%
29	12.347	1702	1713	1716	rBV3	97573	272079	8.79%	1.752%
30	12.622	1753	1758	1766	rVB	119914	197502	6.38%	1.272%
31	12.701	1767	1771	1777	rBV4	37694	79470	2.57%	0.512%
32	12.786	1781	1785	1792	rVB5	71132	136371	4.41%	0.878%
33	12.871	1792	1799	1801	rBV4	59455	116667	3.77%	0.751%
34	12.945	1802	1811	1817	rVV7	94916	279295	9.03%	1.799%

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35	13.109	1831	1838	1845	rBV3	48910	122282	3.95%	0.788%
36	13.170	1845	1848	1857	rVB5	53832	96593	3.12%	0.622%
37	13.256	1858	1862	1867	rBV	103119	158065	5.11%	1.018%
38	13.310	1867	1871	1872	rBV4	35627	48979	1.58%	0.315%
39	13.378	1873	1882	1890	rVB4	97513	377686	12.21%	2.432%
40	13.506	1898	1903	1908	rVB	129926	213604	6.90%	1.376%
41	13.566	1908	1913	1915	rBV	123383	196319	6.35%	1.264%
42	13.725	1936	1939	1941	rBV	30395	40978	1.32%	0.264%
43	13.768	1941	1946	1951	rVV	317113	503879	16.29%	3.245%
44	13.884	1960	1965	1970	rBV2	91921	185061	5.98%	1.192%
45	13.944	1971	1975	1979	rVV2	39231	81876	2.65%	0.527%
46	14.103	1997	2001	2006	rVB	126194	184906	5.98%	1.191%
47	14.213	2014	2019	2025	rBV2	103527	199210	6.44%	1.283%
48	14.347	2034	2041	2045	rBV4	56949	132459	4.28%	0.853%
49	14.396	2046	2049	2051	rVV2	52569	75102	2.43%	0.484%
50	14.426	2051	2054	2058	rVV	81625	127059	4.11%	0.818%
51	14.463	2058	2060	2064	rVB	64613	82624	2.67%	0.532%
52	14.505	2064	2067	2071	rBV2	37395	52091	1.68%	0.335%
53	14.560	2071	2076	2082	rBV5	40244	87615	2.83%	0.564%
54	14.694	2094	2098	2103	rBV	111291	199647	6.45%	1.286%
55	14.816	2110	2118	2123	rBV3	295054	648841	20.97%	4.179%
56	14.877	2124	2128	2134	rVV2	112628	204981	6.63%	1.320%
57	14.963	2137	2142	2155	rVB3	186692	399855	12.93%	2.575%
58	15.072	2155	2160	2164	rBV4	81387	152712	4.94%	0.984%
59	15.188	2174	2179	2189	rVB3	85770	204176	6.60%	1.315%
60	15.377	2200	2210	2220	rVB	1723923	3093612	100.00%	19.924%
61	15.481	2221	2227	2231	rVV3	75226	158003	5.11%	1.018%
62	15.536	2232	2236	2249	rVB4	84777	226231	7.31%	1.457%
63	15.670	2250	2258	2267	rBV4	89984	309510	10.00%	1.993%
64	15.987	2303	2310	2313	rBV6	39417	109116	3.53%	0.703%
65	16.176	2336	2341	2348	rVB5	36452	91051	2.94%	0.586%
66	16.389	2371	2376	2380	rBV3	33816	68011	2.20%	0.438%
67	16.456	2380	2387	2401	rVB	312590	746249	24.12%	4.806%
68	16.657	2411	2420	2430	rVB	778039	1759478	56.87%	11.332%

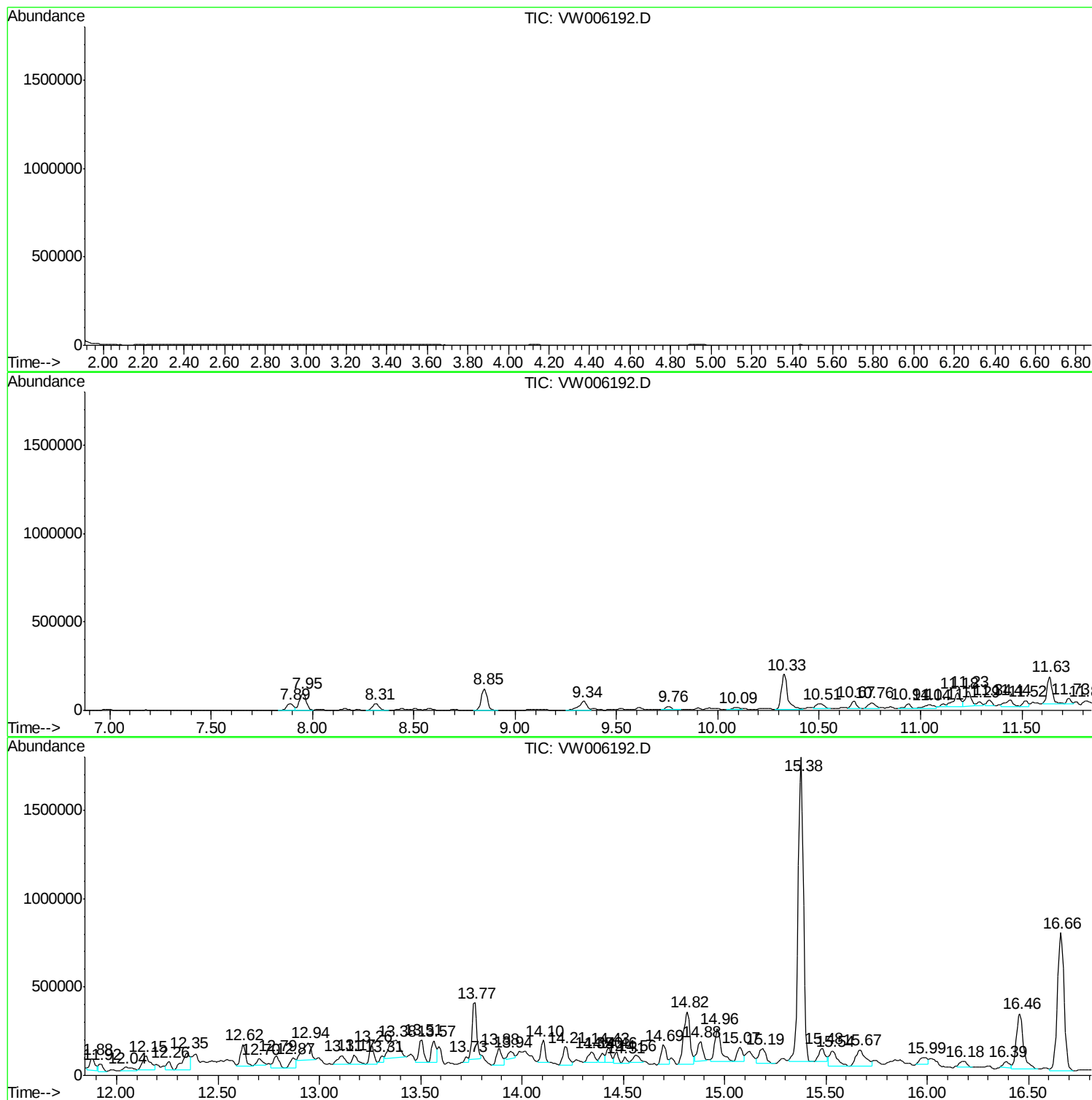
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SU-03-101718-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260

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



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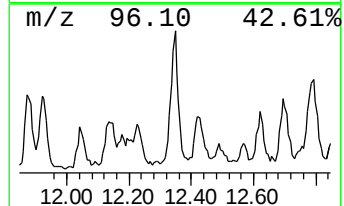
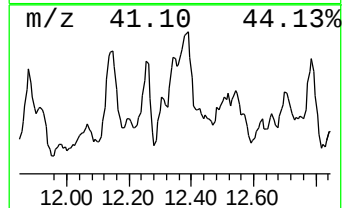
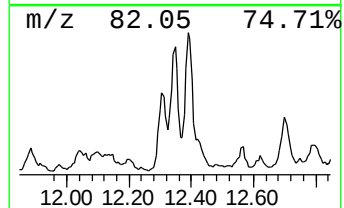
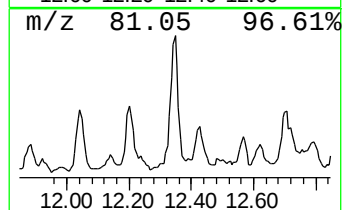
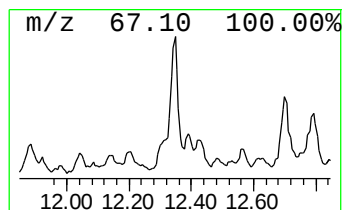
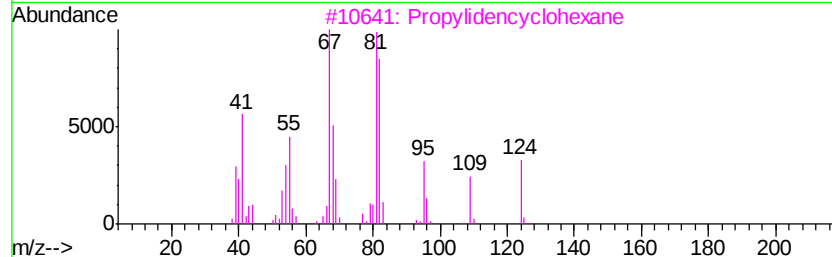
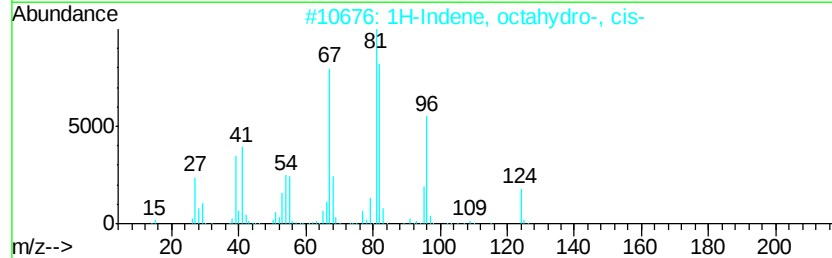
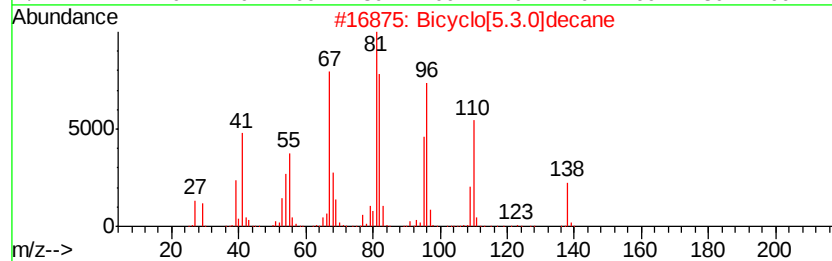
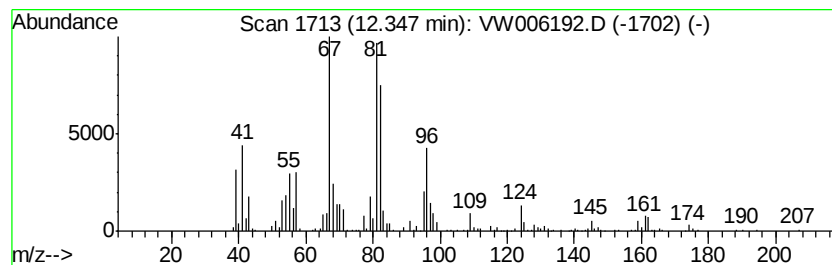
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260

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

Peak Number 1 Bicyclo[5.3.0]decane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	51.63 ug/l	272079	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[5.3.0]decane	138	C10H18	005661-80-3	83
2		1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	81
3		Propylidencyclohexane	124	C9H16	002129-93-3	58
4		1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	58
5		Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	58



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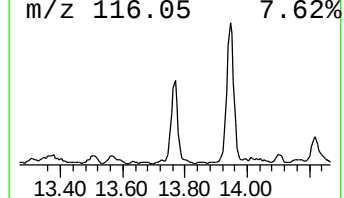
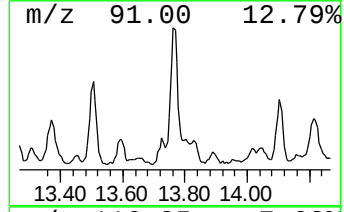
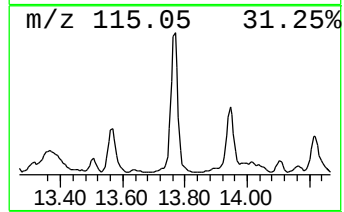
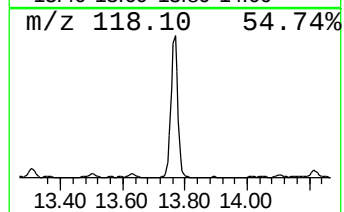
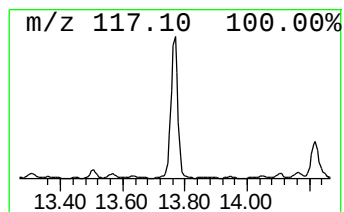
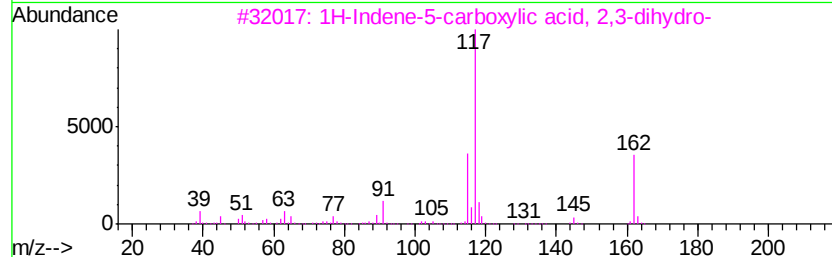
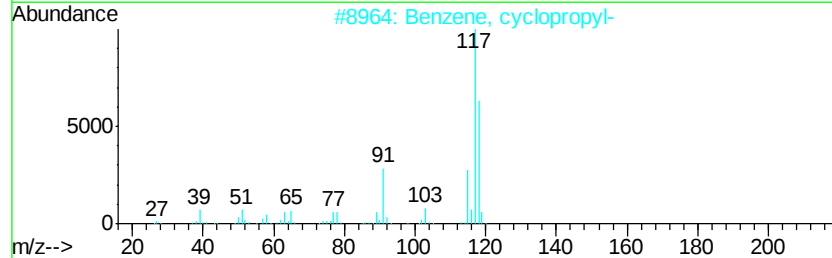
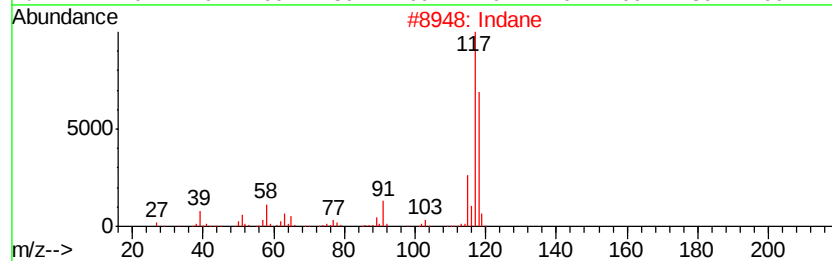
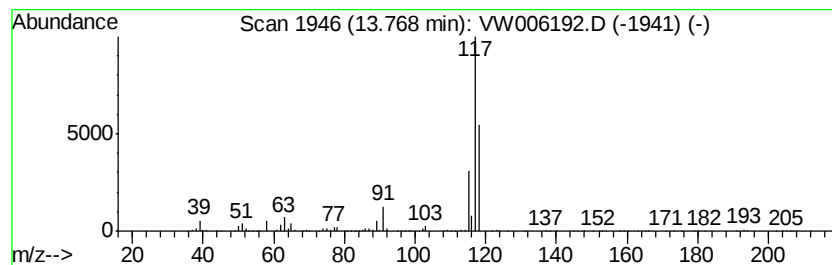
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	128.33 ug/l	503879	1,4-Dichlorobenzene-d4	13.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	87
2	Benzene, cyclopropyl-		118	C9H10	000873-49-4	72
3	1H-Indene-5-carboxylic acid, 2,3...		162	C10H10O2	1000337-61-3	64
4	Benzene, 1-propenyl-		118	C9H10	000637-50-3	64
5	Benzene, 1-(chloromethyl)-4-ethe...		152	C9H9Cl	001592-20-7	59



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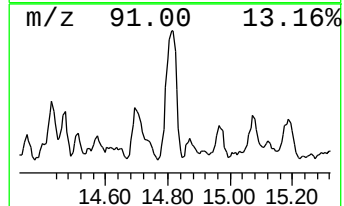
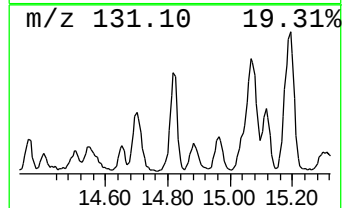
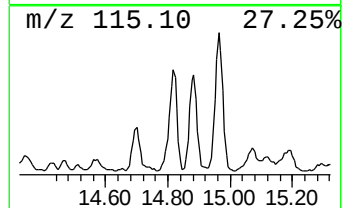
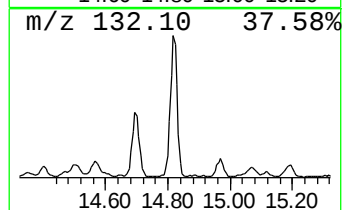
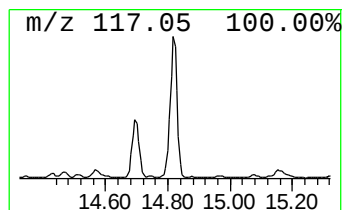
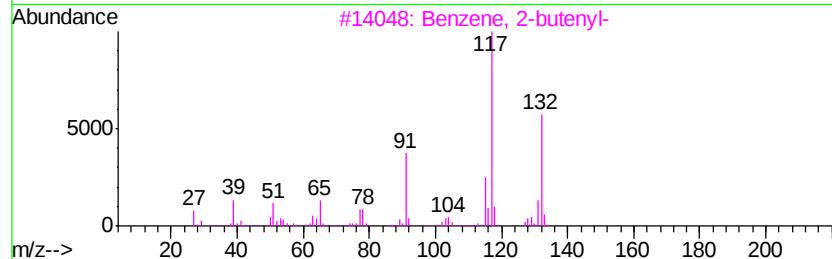
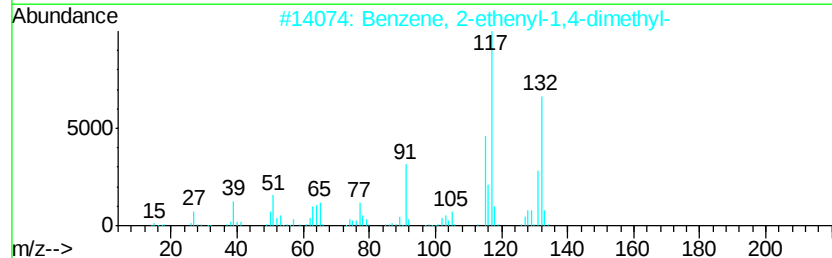
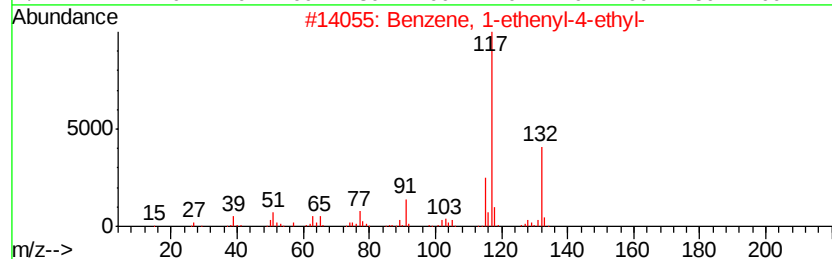
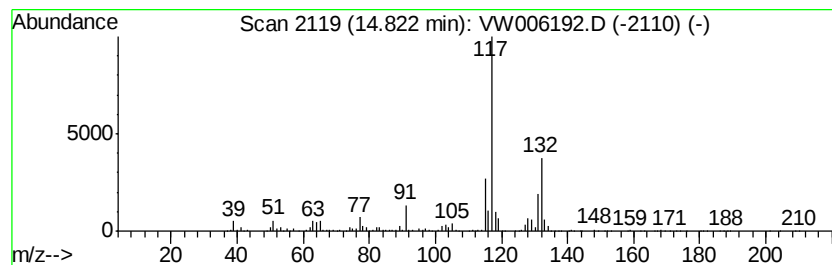
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Peak Number 3 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	165.25 ug/l	648841	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
4		Indan, 1-methyl-	132	C10H12	000767-58-8	87
5		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87



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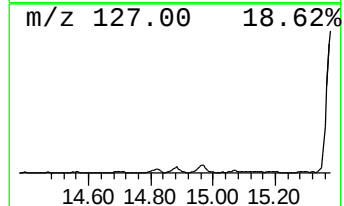
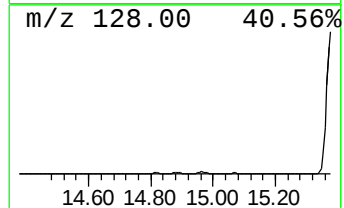
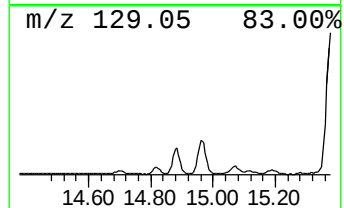
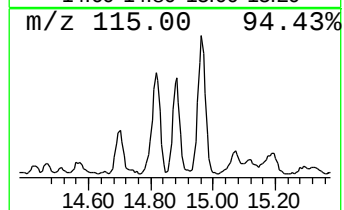
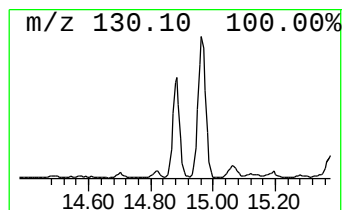
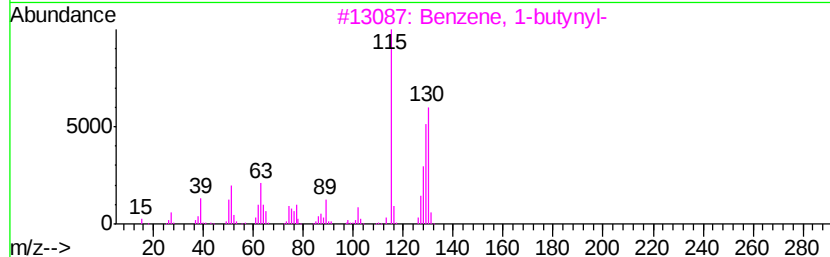
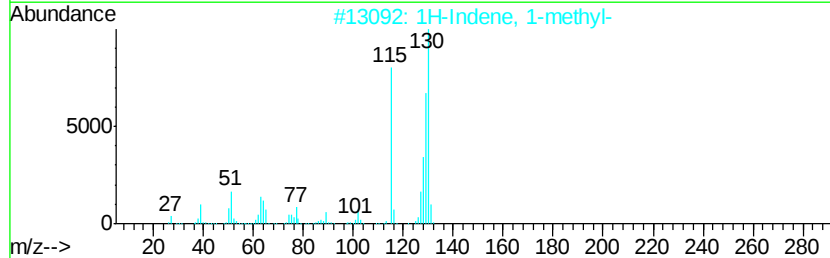
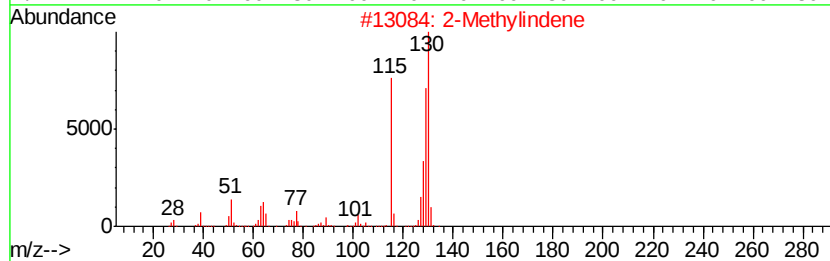
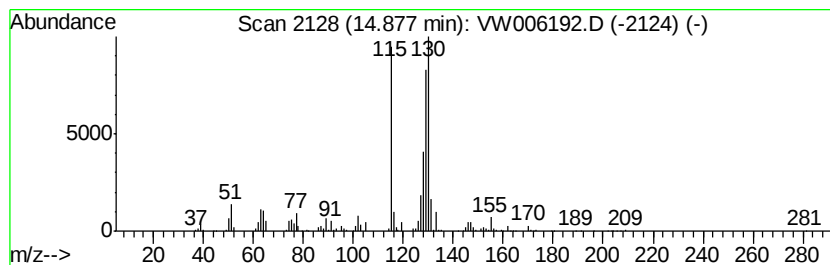
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Peak Number 4 2-Methylindene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	52.21 ug/l	204981	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methylindene	130	C10H10	002177-47-1	96
2		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
3		Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
4		Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93
5		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
Data File : VW006192.D
Acq On : 18 Oct 2018 22:20
Operator : VA/AP
Sample : J5204-07
Misc : 6.08G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

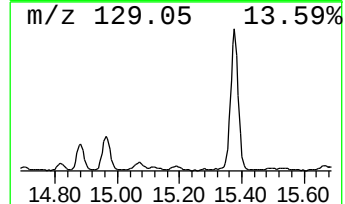
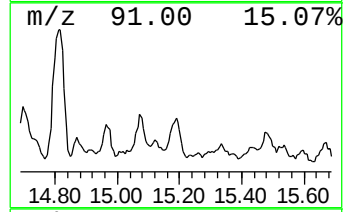
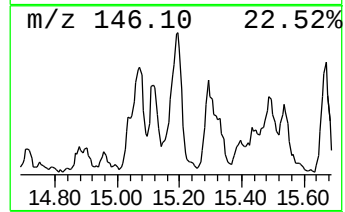
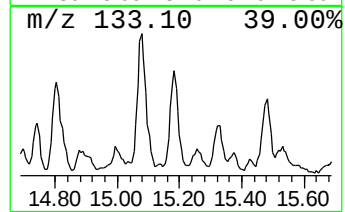
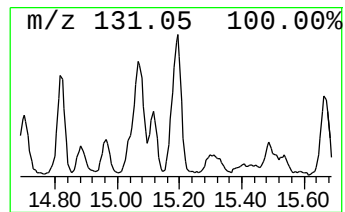
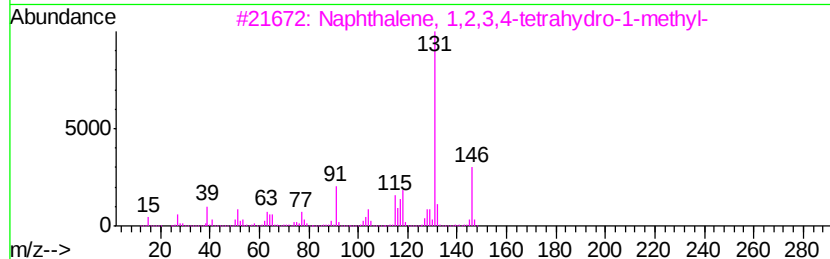
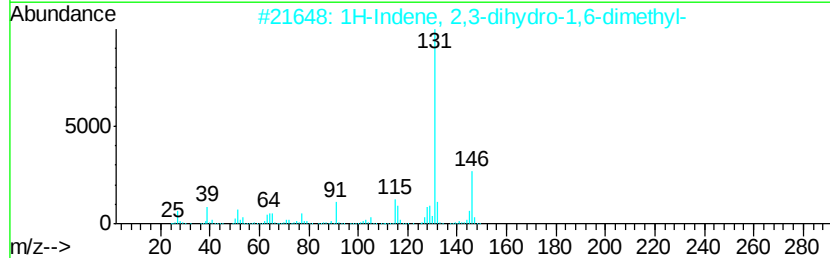
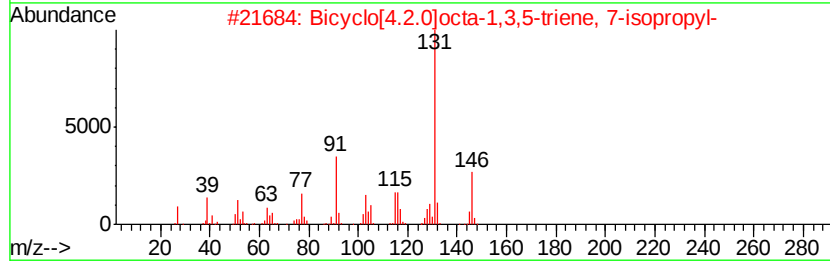
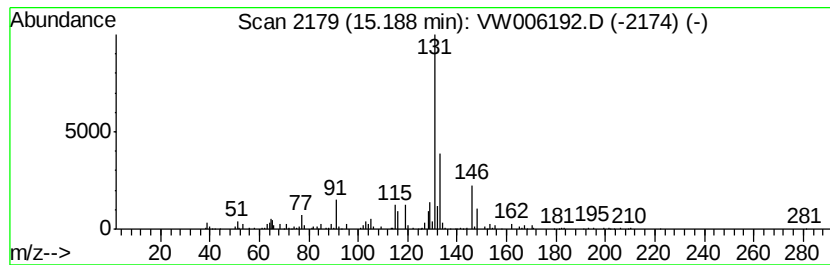
Instrument :
MSVOA_W
ClientSampleId :
SU-03-101718-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260

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

Peak Number 6 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	52.00 ug/l	204176	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[4.2.0]octa-1,3,5-triene,...	146 C11H14	027087-54-3 92
2		1H-Indene, 2,3-dihydro-1,6-dimet...	146 C11H14	017059-48-2 70
3		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001559-81-5 70
4		1H-Indene, 2,3-dihydro-1,1-dimet...	146 C11H14	004912-92-9 70
5		2,2-Dimethylindene, 2,3-dihydro-	146 C11H14	020836-11-7 70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
Data File : VW006192.D
Acq On : 18 Oct 2018 22:20
Operator : VA/AP
Sample : J5204-07
Misc : 6.08G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

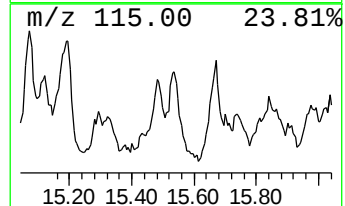
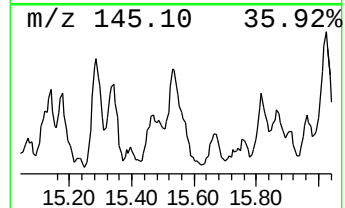
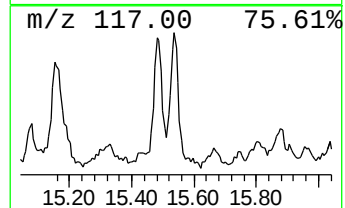
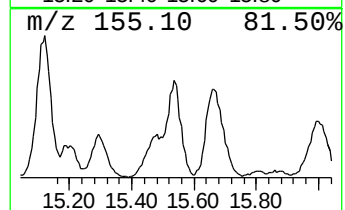
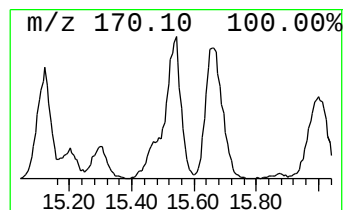
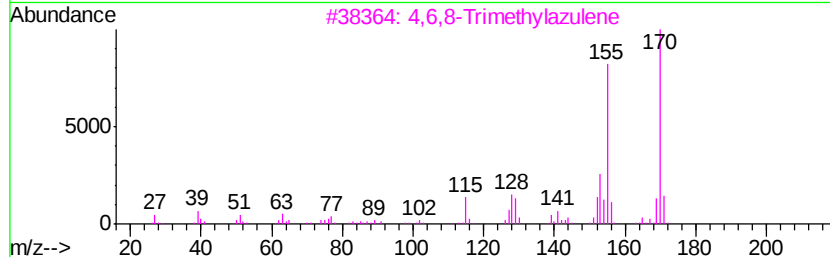
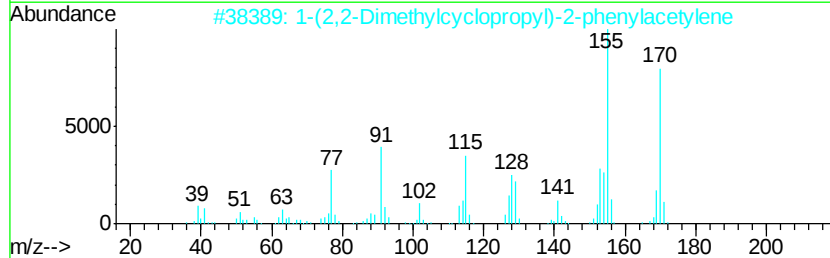
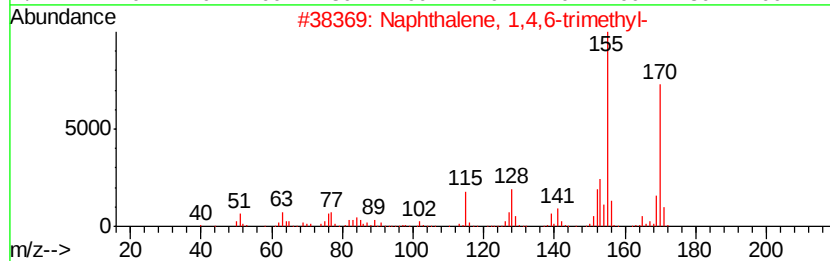
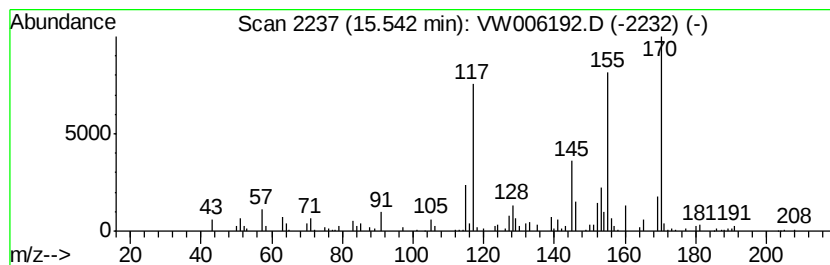
Instrument :
MSVOA_W
ClientSampleId :
SU-03-101718-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,4,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	57.62 ug/l	226231	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 70
2		1-(2,2-Dimethylcyclopropyl)-2-ph...	170 C13H14	1000294-91-1 70
3		4,6,8-Trimethylazulene	170 C13H14	000941-81-1 55
4		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 55
5		Naphthalene, 1,4,5-trimethyl-	170 C13H14	002131-41-1 55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
Data File : VW006192.D
Acq On : 18 Oct 2018 22:20
Operator : VA/AP
Sample : J5204-07
Misc : 6.08G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
SU-03-101718-B

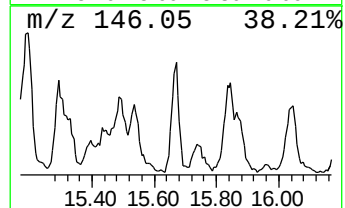
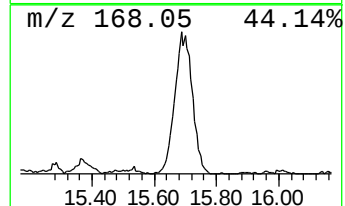
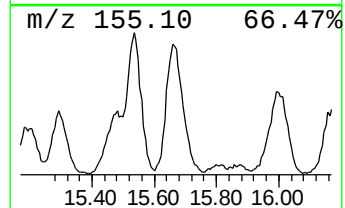
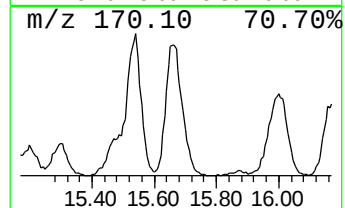
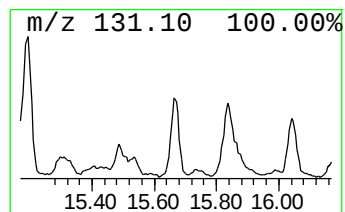
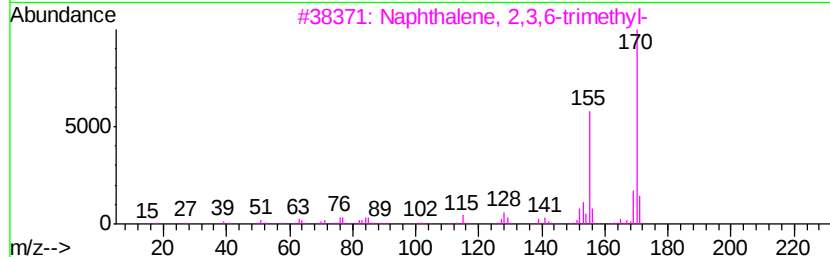
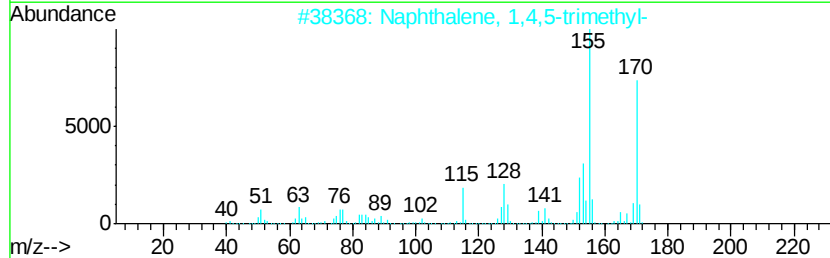
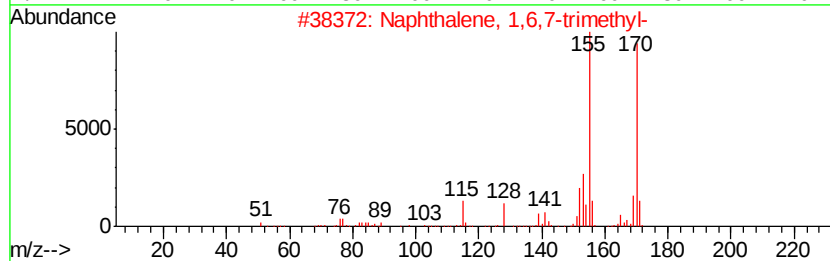
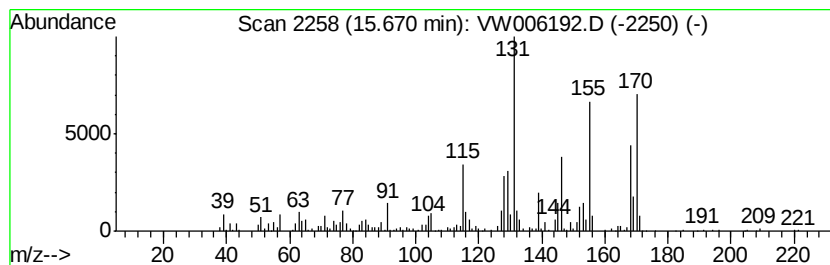
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,6,7-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	78.83 ug/l	309510	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	60
2		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	52
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	49
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	47
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
Data File : VW006192.D
Acq On : 18 Oct 2018 22:20
Operator : VA/AP
Sample : J5204-07
Misc : 6.08G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

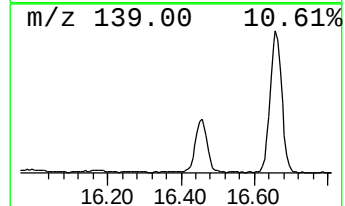
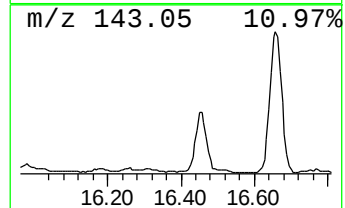
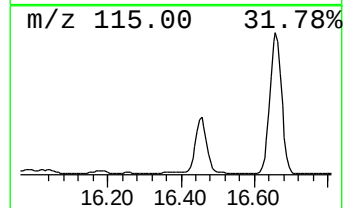
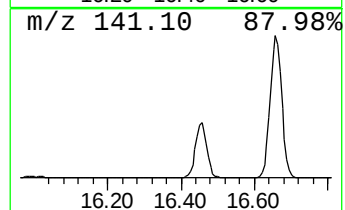
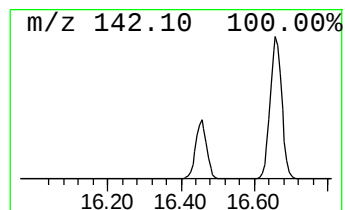
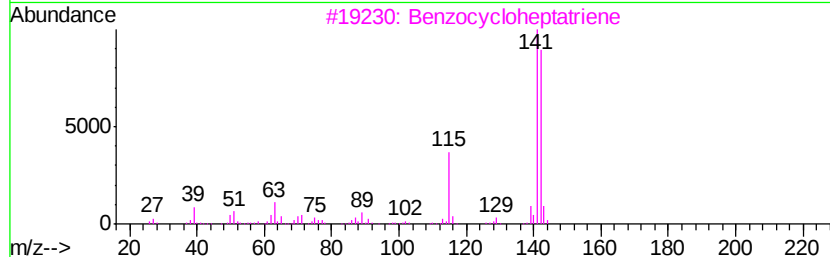
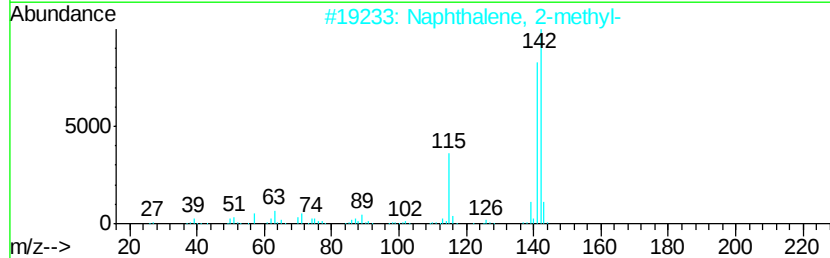
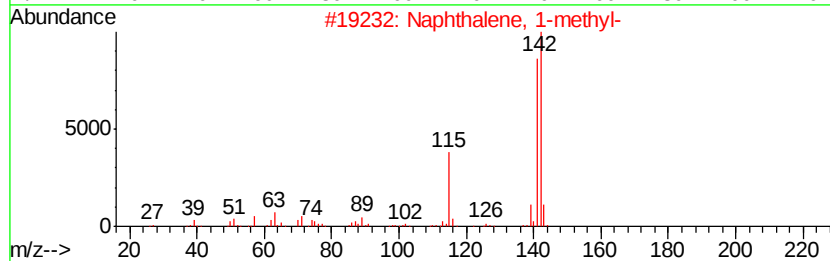
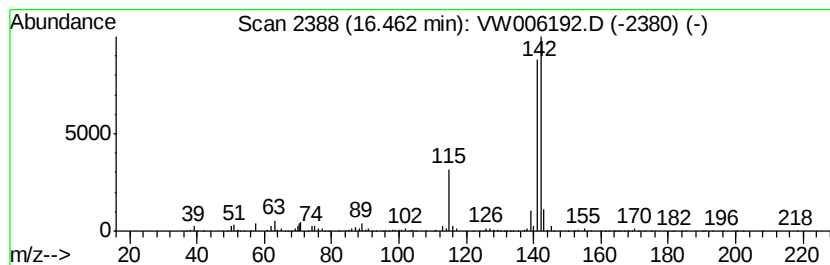
Instrument :
MSVOA_W
ClientSampleId :
SU-03-101718-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	190.06 ug/l	746249	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 96
2		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 96
3		Benzocycloheptatriene	142 C11H10	000264-09-5 91
4		1,4-Methanonaphthalene, 1,4-dihy...	142 C11H10	004453-90-1 91
5		1H-Indene, 1-ethylidene-	142 C11H10	002471-83-2 59



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
Data File : VW006192.D
Acq On : 18 Oct 2018 22:20
Operator : VA/AP
Sample : J5204-07
Misc : 6.08G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-03-101718-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.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
Bicyclo[5.3.0]decane	12.35	51.6	ug/l	272079	3	11.63	263514	50.0
Indane	13.77	128.3	ug/l	503879	4	13.57	196319	50.0
Benzene, 1-etheny...	14.82	165.3	ug/l	648841	4	13.57	196319	50.0
2-Methylindene	14.88	52.2	ug/l	204981	4	13.57	196319	50.0
Bicyclo[4.2.0]oct...	15.19	52.0	ug/l	204176	4	13.57	196319	50.0
Naphthalene, 1,4,...	15.54	57.6	ug/l	226231	4	13.57	196319	50.0
Naphthalene, 1,6,...	15.67	78.8	ug/l	309510	4	13.57	196319	50.0
Naphthalene, 1-me...	16.46	190.1	ug/l	746249	4	13.57	196319	50.0