

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007050.D
 Acq On : 26 Nov 2018 16:25
 Operator : VAY/AP
 Sample : J6062-01
 Misc : 5.9G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-20(6-8)

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\82W112118S.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	1.959	5	9	16	rVB4	6939	10767	1.70%	0.193%
2	4.135	357	366	379	rBV	9014	25106	3.97%	0.449%
3	4.928	485	496	507	rBV2	8424	27753	4.39%	0.497%
4	5.946	655	663	672	rVB4	2552	7243	1.15%	0.130%
5	7.147	847	860	862	rBV4	3331	8198	1.30%	0.147%
6	7.677	937	947	958	rBV4	3624	10142	1.60%	0.182%
7	7.884	972	981	986	rBV	66284	154380	24.41%	2.764%
8	7.951	986	992	1002	rVB	151956	339857	53.73%	6.085%
9	8.311	1041	1051	1063	rVB	69524	153443	24.26%	2.747%
10	8.848	1128	1139	1151	rVB	206069	412399	65.20%	7.383%
11	9.341	1210	1220	1224	rBV5	2844	7227	1.14%	0.129%
12	10.323	1374	1381	1388	rBV	296417	535044	84.59%	9.579%
13	10.390	1388	1392	1398	rVB	22290	38148	6.03%	0.683%
14	10.512	1406	1412	1417	rVB6	3250	6629	1.05%	0.119%
15	10.744	1439	1450	1463	rVB3	15643	70134	11.09%	1.256%
16	11.634	1589	1596	1604	rVV	272659	460004	72.73%	8.236%
17	11.731	1608	1612	1621	rVB	9361	19006	3.00%	0.340%
18	11.841	1621	1630	1637	rBV	26330	54459	8.61%	0.975%
19	12.170	1676	1684	1694	rVB2	14647	32135	5.08%	0.575%
20	12.347	1701	1713	1714	rBV7	6633	15393	2.43%	0.276%
21	12.469	1723	1733	1735	rBV9	8017	20956	3.31%	0.375%
22	12.621	1751	1758	1764	rVB	204350	326830	51.67%	5.851%
23	12.871	1793	1799	1801	rBV2	30161	50221	7.94%	0.899%
24	12.902	1802	1804	1808	rVV3	30397	60239	9.52%	1.078%
25	12.944	1808	1811	1832	rVV4	36964	121850	19.26%	2.182%
26	13.109	1832	1838	1845	rVB3	11768	25380	4.01%	0.454%
27	13.255	1857	1862	1867	rBV	34933	52205	8.25%	0.935%
28	13.353	1867	1878	1891	rVV3	34924	165651	26.19%	2.966%
29	13.499	1892	1902	1907	rVV4	26213	100223	15.85%	1.794%
30	13.560	1907	1912	1921	rVB	217851	376180	59.47%	6.735%
31	13.652	1923	1927	1932	rBV	10348	15136	2.39%	0.271%
32	13.761	1940	1945	1948	rBV2	22057	34481	5.45%	0.617%
33	13.883	1961	1965	1969	rBV7	7211	13362	2.11%	0.239%
34	14.011	1980	1986	1990	rVV5	8931	23005	3.64%	0.412%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007050.D
 Acq On : 26 Nov 2018 16:25
 Operator : VAY/AP
 Sample : J6062-01
 Misc : 5.9G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-20(6-8)

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\82W112118S.M
 Title : SW846 8260

35	14.097	1994	2000	2008	rVB3	17290	42811	6.77%	0.766%
36	14.212	2014	2019	2025	rBV3	9123	17854	2.82%	0.320%
37	14.334	2034	2039	2045	rBV4	9083	20427	3.23%	0.366%
38	14.426	2045	2054	2057	rVV2	11647	29676	4.69%	0.531%
39	14.462	2057	2060	2064	rVV	11953	17703	2.80%	0.317%
40	14.505	2064	2067	2070	rVV3	6214	9294	1.47%	0.166%
41	14.560	2070	2076	2086	rVB3	8947	30888	4.88%	0.553%
42	14.700	2093	2099	2102	rBV3	16896	32779	5.18%	0.587%
43	14.816	2109	2118	2123	rBV4	33690	84814	13.41%	1.518%
44	14.956	2138	2141	2151	rVB9	12645	27458	4.34%	0.492%
45	15.115	2155	2167	2174	rVV4	21993	84778	13.40%	1.518%
46	15.188	2175	2179	2187	rVB6	12651	28159	4.45%	0.504%
47	15.292	2192	2196	2199	rBV5	7143	11377	1.80%	0.204%
48	15.377	2205	2210	2216	rVB	30878	55091	8.71%	0.986%
49	15.487	2222	2228	2229	rBV5	8387	15089	2.39%	0.270%
50	15.657	2249	2256	2265	rBV5	18906	53290	8.43%	0.954%
51	15.987	2301	2310	2314	rBV10	11800	36157	5.72%	0.647%
52	16.163	2333	2339	2349	rVV9	6511	19926	3.15%	0.357%
53	16.273	2353	2357	2365	rVB10	2649	7527	1.19%	0.135%
54	16.389	2367	2376	2380	rBV2	12981	34773	5.50%	0.623%
55	16.450	2380	2386	2400	rVV	229691	505428	79.91%	9.049%
56	16.578	2401	2407	2411	rVV4	6055	14602	2.31%	0.261%
57	16.657	2411	2420	2432	rVB	284168	632502	100.00%	11.324%

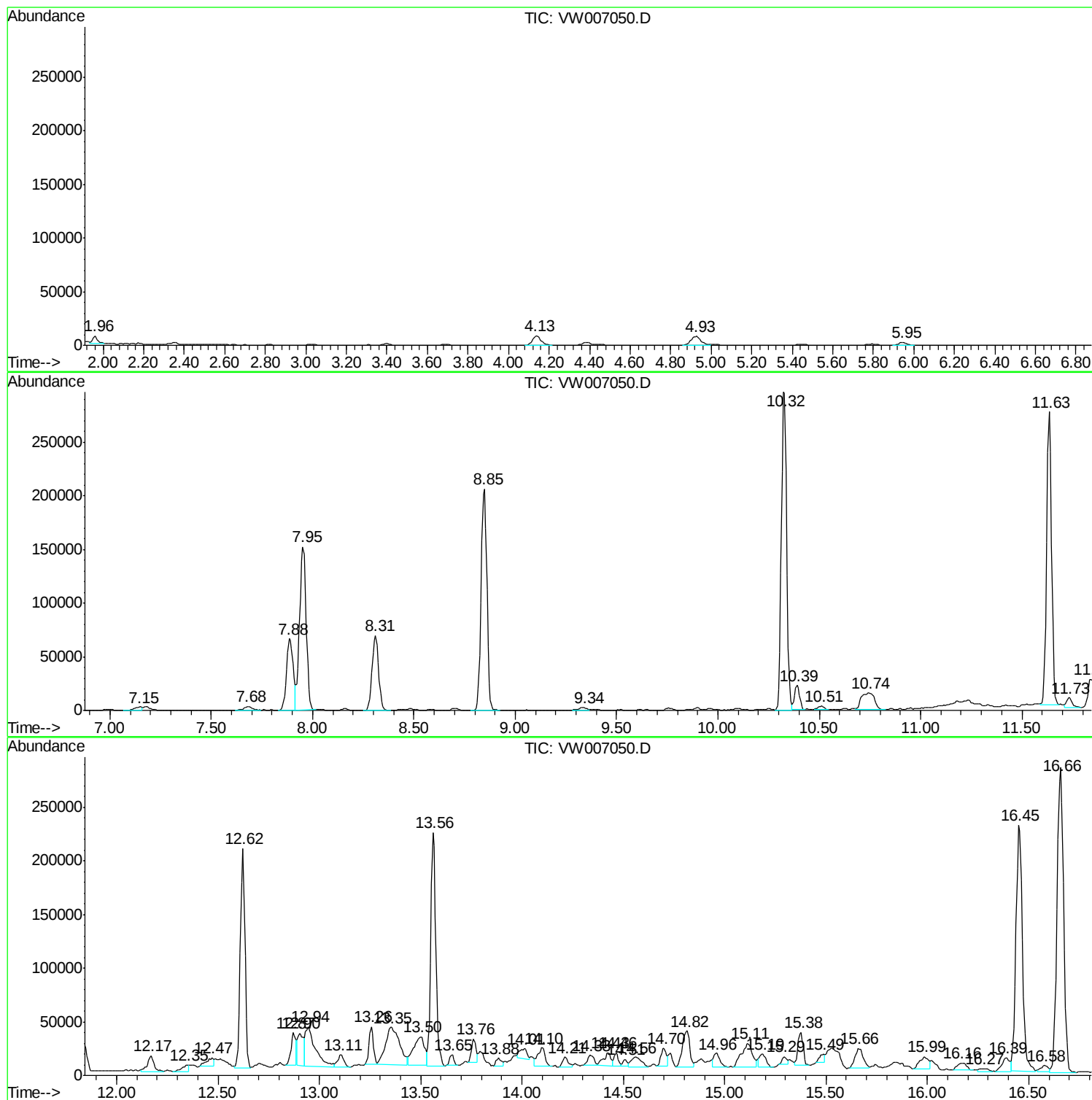
Sum of corrected areas: 5585589

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
Data File : VW007050.D
Acq On : 26 Nov 2018 16:25
Operator : VAY/AP
Sample : J6062-01
Misc : 5.9G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
B-20(6-8)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
Data File : VW007050.D
Acq On : 26 Nov 2018 16:25
Operator : VAY/AP
Sample : J6062-01
Misc : 5.9G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
B-20(6-8)

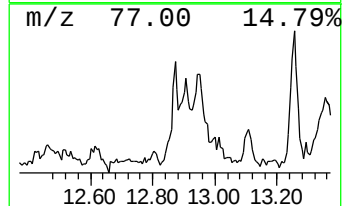
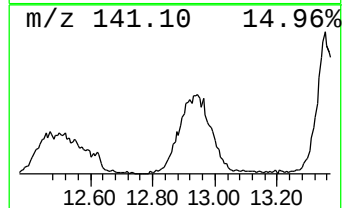
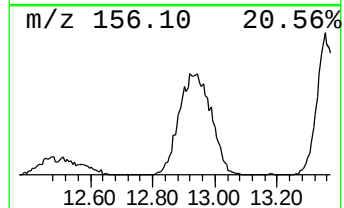
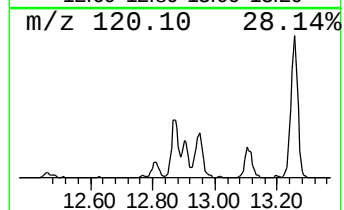
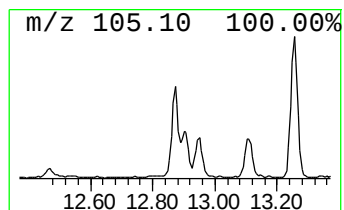
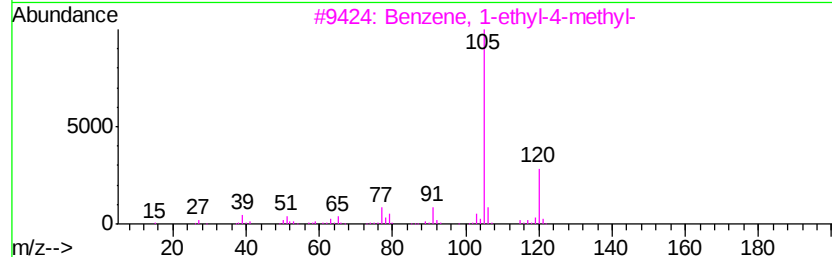
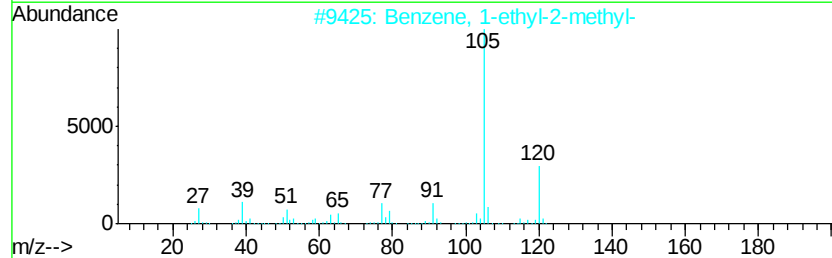
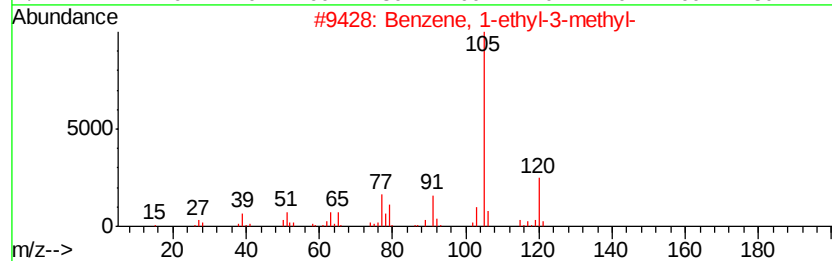
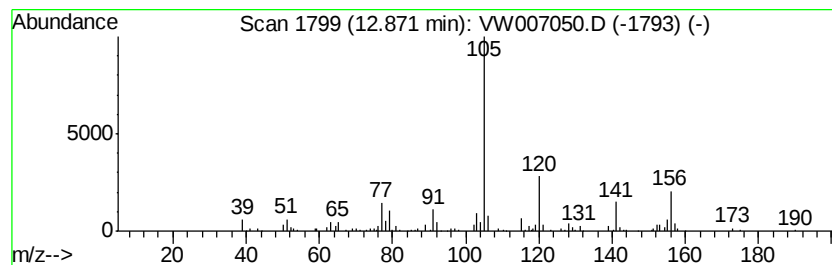
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	6.68 ug/l	50221	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	70
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	55
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	55
4		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	55
5		Mesitylene	120	C9H12	000108-67-8	55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
Data File : VW007050.D
Acq On : 26 Nov 2018 16:25
Operator : VAY/AP
Sample : J6062-01
Misc : 5.9G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

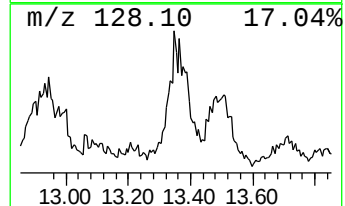
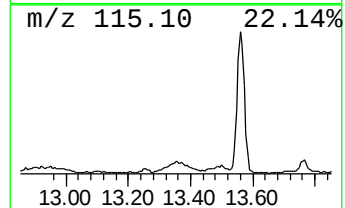
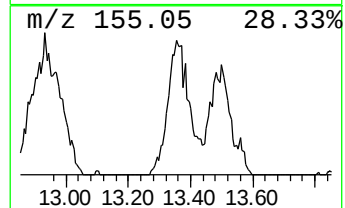
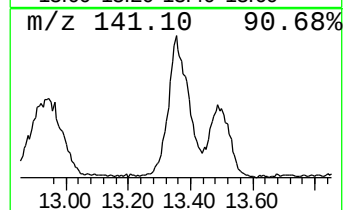
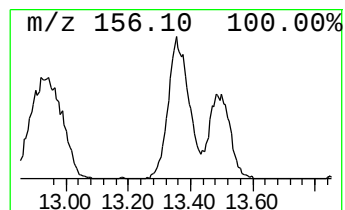
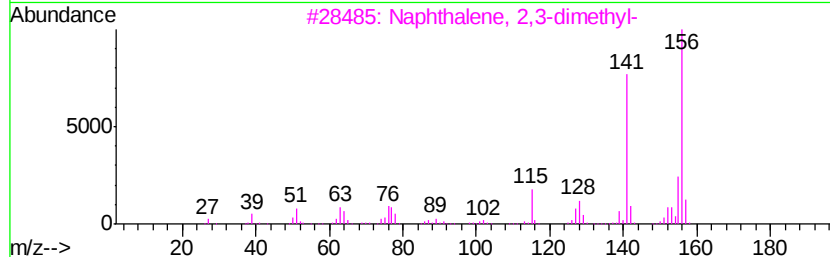
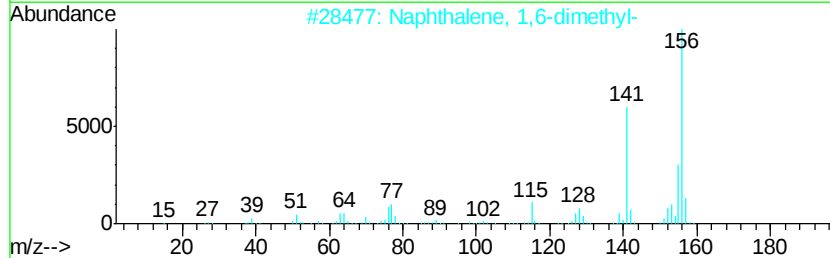
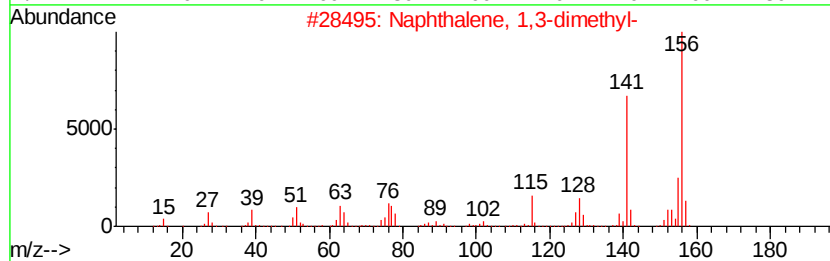
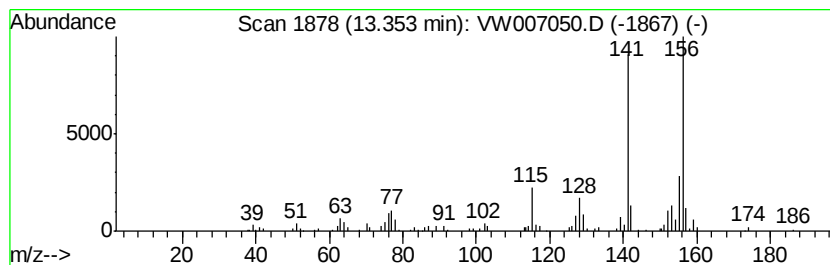
Instrument :
MSVOA_W
ClientSampled :
B-20(6-8)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	22.02 ug/l	165651	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
3		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96
4		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 96
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
Data File : VW007050.D
Acq On : 26 Nov 2018 16:25
Operator : VAY/AP
Sample : J6062-01
Misc : 5.9G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

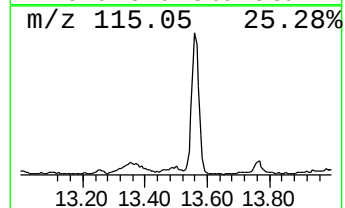
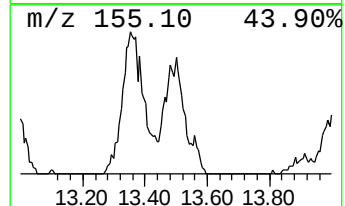
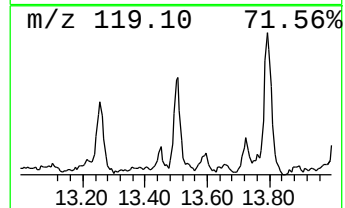
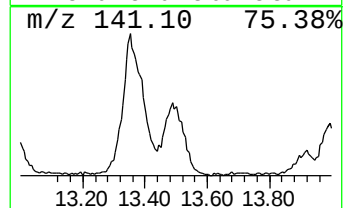
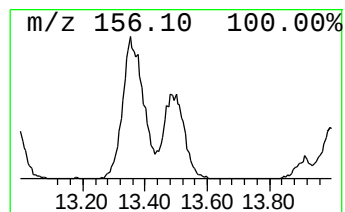
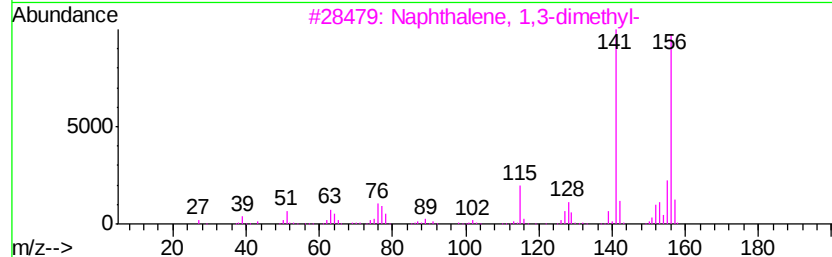
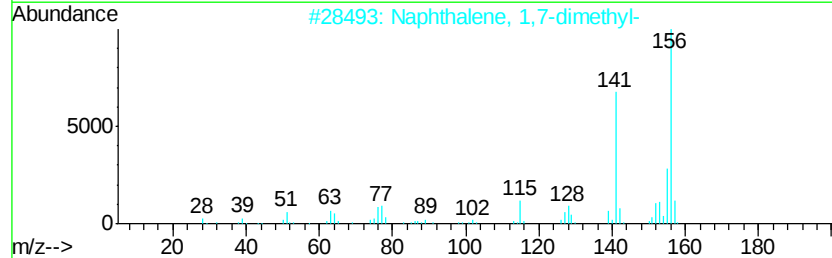
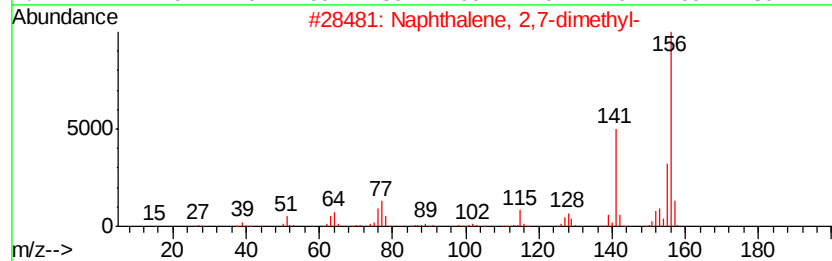
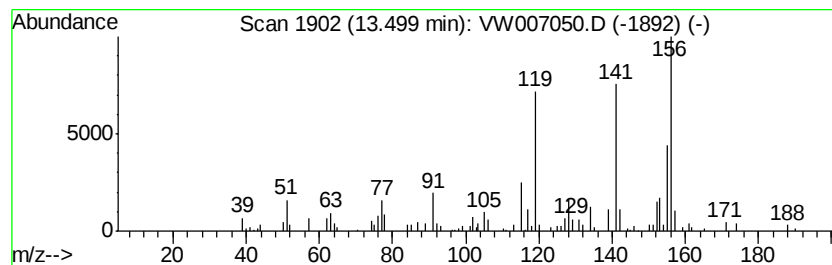
Instrument :
MSVOA_W
ClientSampleId :
B-20(6-8)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	13.32 ug/l	100223	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 93
2		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 92
3		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 91
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 90
5		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
Data File : VW007050.D
Acq On : 26 Nov 2018 16:25
Operator : VAY/AP
Sample : J6062-01
Misc : 5.9G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
B-20(6-8)

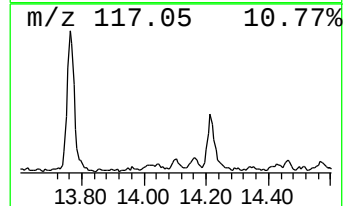
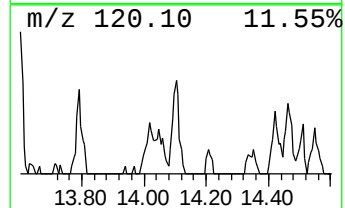
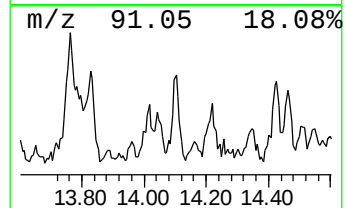
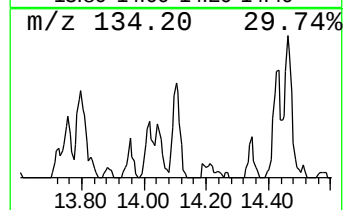
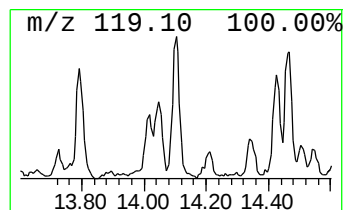
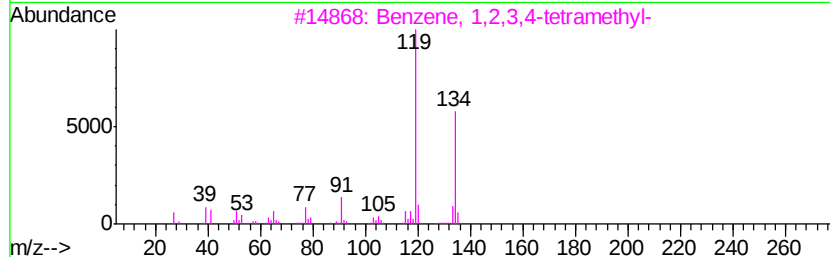
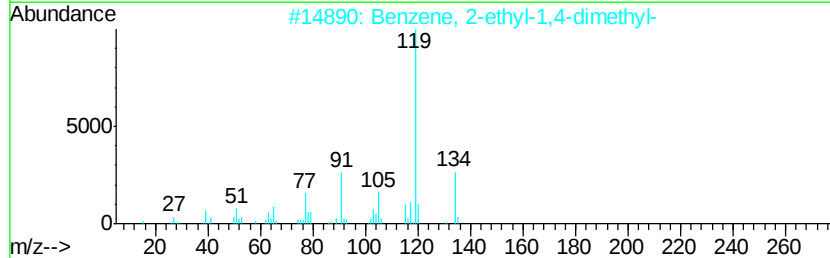
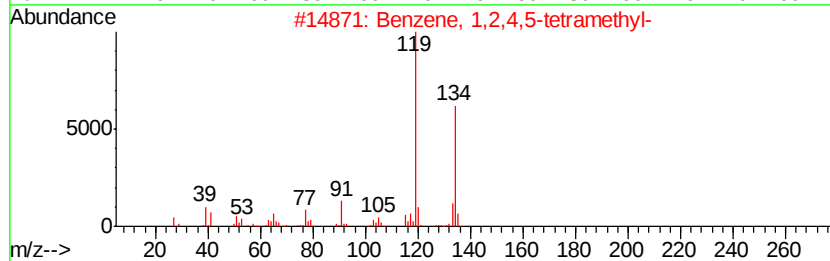
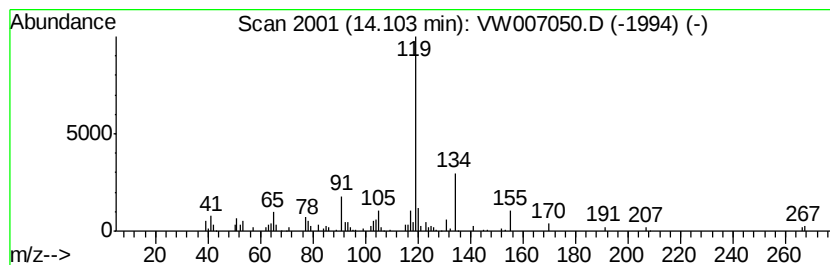
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	5.69 ug/l	42811	1,4-Dichlorobenzene-d4	13.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
Data File : VW007050.D
Acq On : 26 Nov 2018 16:25
Operator : VAY/AP
Sample : J6062-01
Misc : 5.9G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
B-20(6-8)

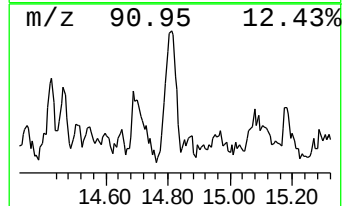
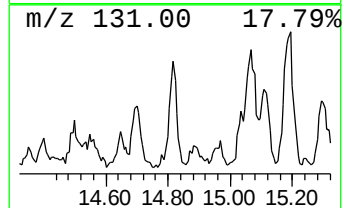
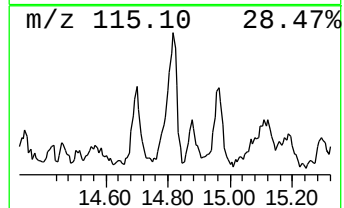
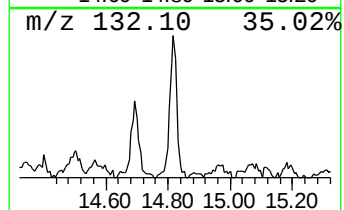
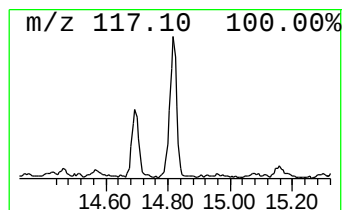
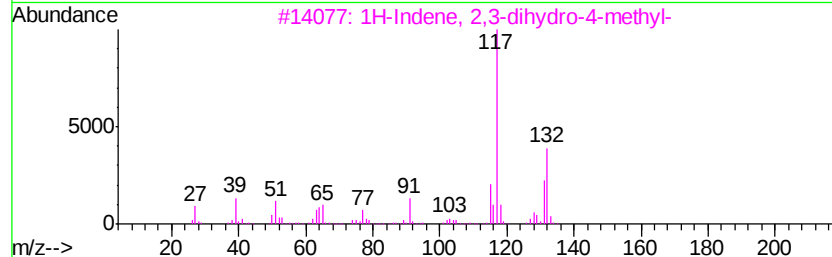
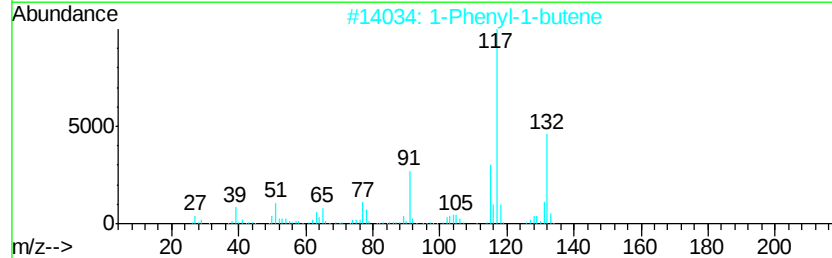
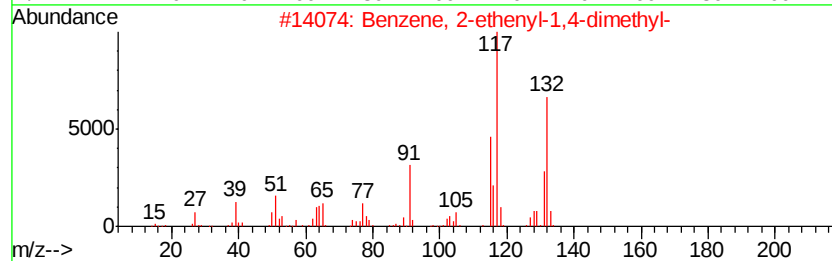
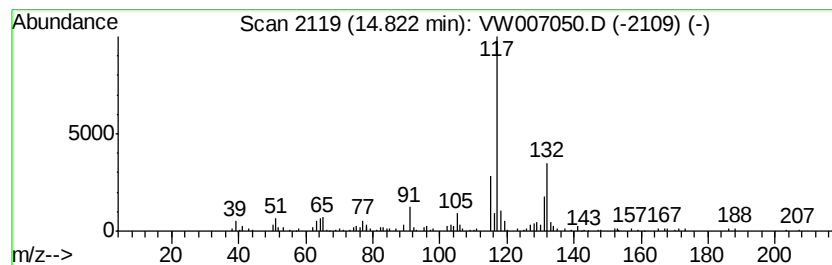
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

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

Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	11.27 ug/l	84814	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2		1-Phenyl-1-butene	132	C10H12	000824-90-8	91
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
Data File : VW007050.D
Acq On : 26 Nov 2018 16:25
Operator : VAY/AP
Sample : J6062-01
Misc : 5.9G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
B-20(6-8)

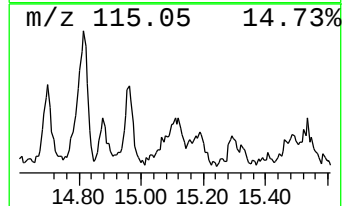
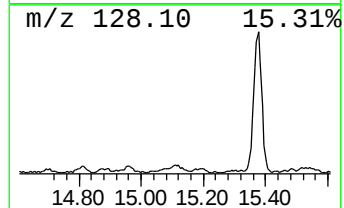
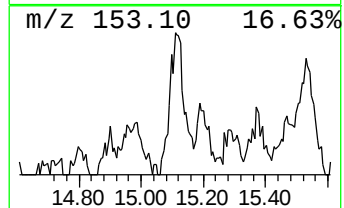
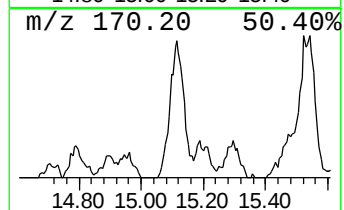
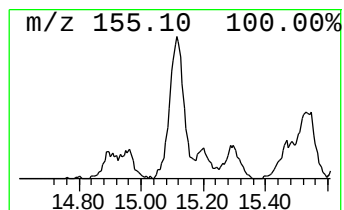
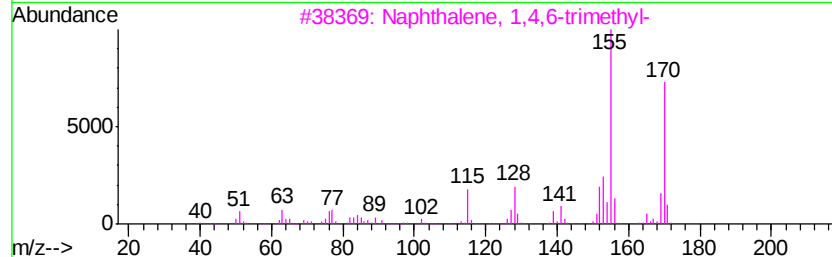
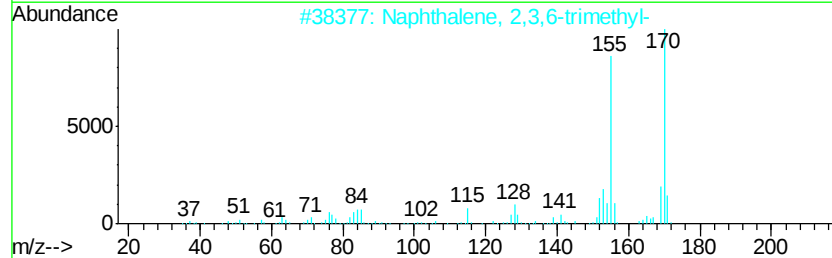
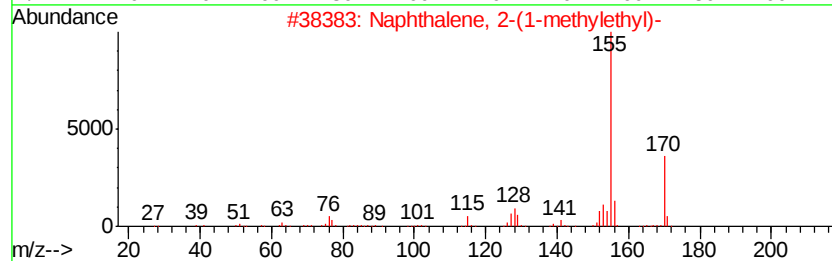
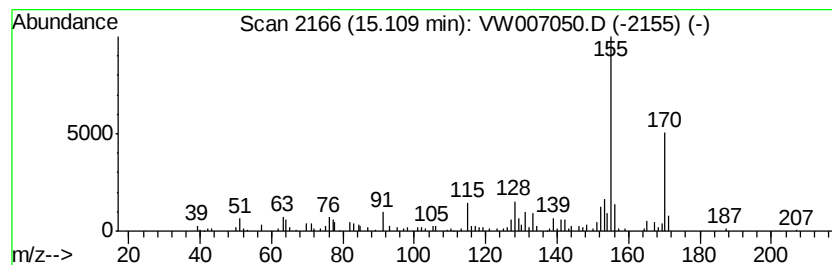
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 2-(1-methyleth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	11.27 ug/l	84778	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	95
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
Data File : VW007050.D
Acq On : 26 Nov 2018 16:25
Operator : VAY/AP
Sample : J6062-01
Misc : 5.9G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
B-20(6-8)

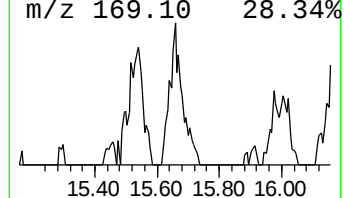
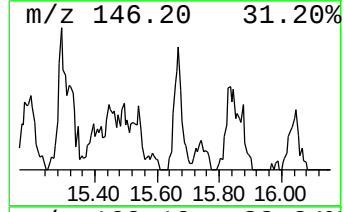
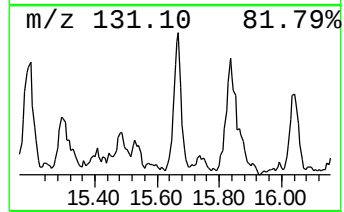
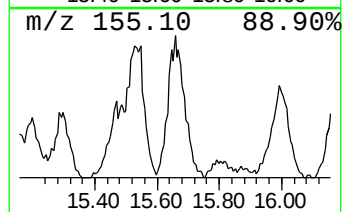
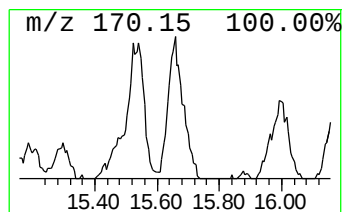
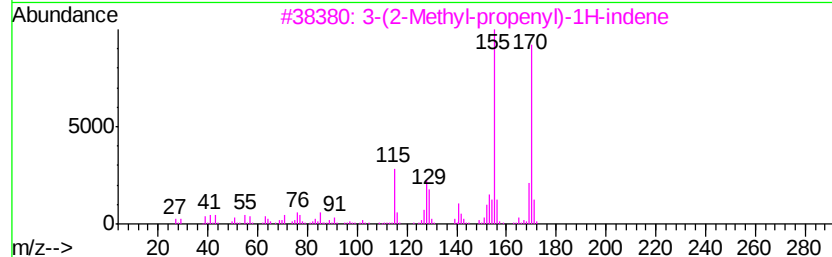
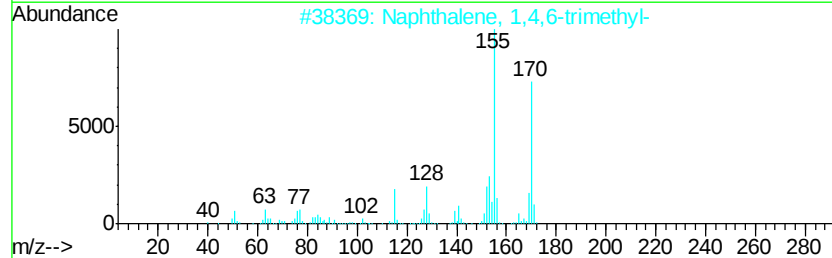
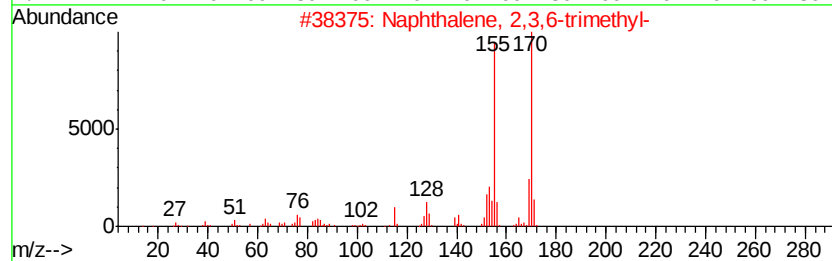
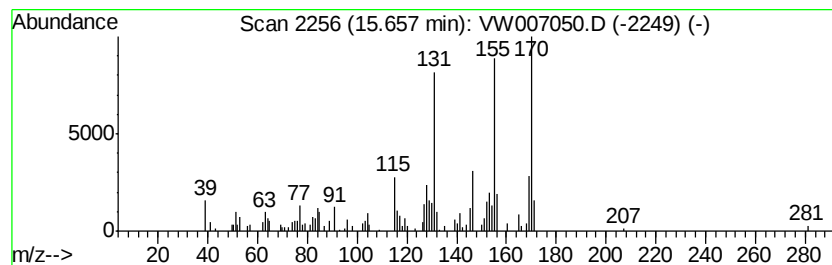
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	7.08 ug/l	53290	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	83
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
Data File : VW007050.D
Acq On : 26 Nov 2018 16:25
Operator : VAY/AP
Sample : J6062-01
Misc : 5.9G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
B-20(6-8)

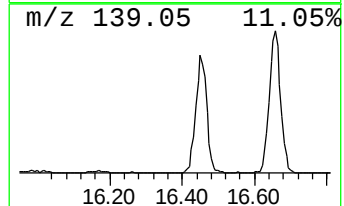
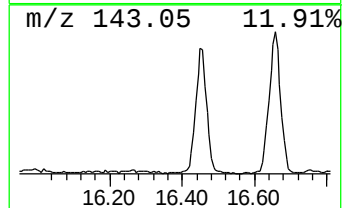
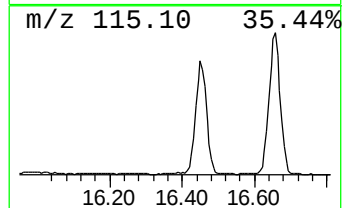
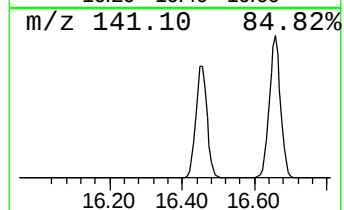
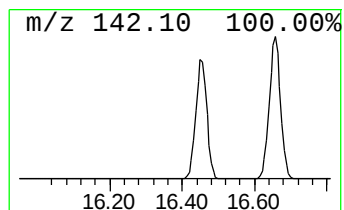
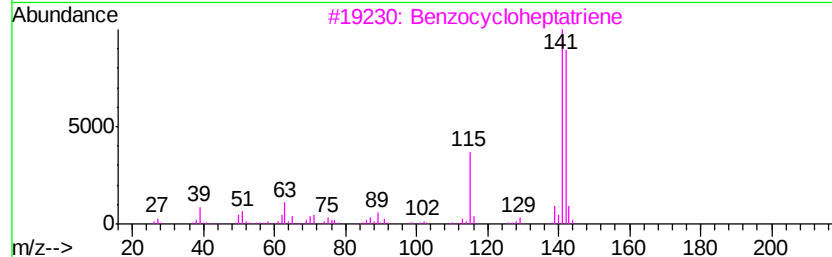
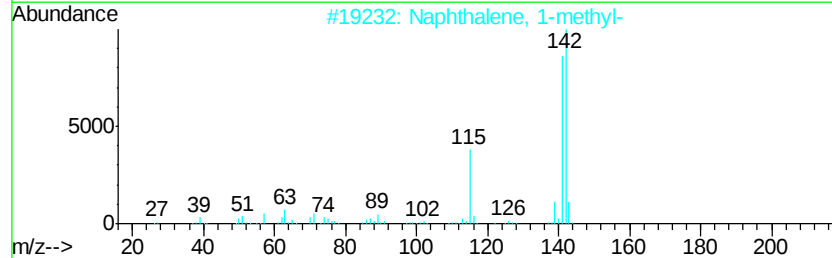
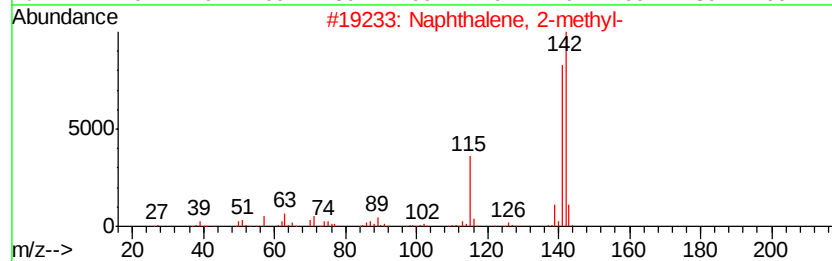
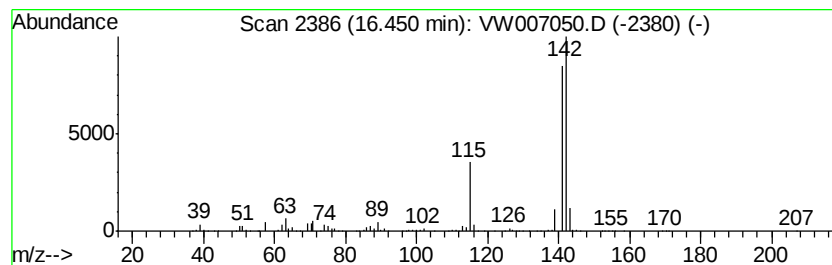
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

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.
16.45	67.18 ug/l	505428	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
Data File : VW007050.D
Acq On : 26 Nov 2018 16:25
Operator : VAY/AP
Sample : J6062-01
Misc : 5.9G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
B-20(6-8)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.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
Benzene, 1-ethyl-...	12.87	6.7	ug/l	50221	4	13.57	376180	50.0
Naphthalene, 1,3-...	13.35	22.0	ug/l	165651	4	13.57	376180	50.0
Naphthalene, 2,7-...	13.50	13.3	ug/l	100223	4	13.57	376180	50.0
Benzene, 1,2,4,5-...	14.10	5.7	ug/l	42811	4	13.57	376180	50.0
Benzene, 2-etheny...	14.82	11.3	ug/l	84814	4	13.57	376180	50.0
Naphthalene, 2-(1...	15.11	11.3	ug/l	84778	4	13.57	376180	50.0
Naphthalene, 2,3,...	15.66	7.1	ug/l	53290	4	13.57	376180	50.0
Naphthalene, 1-me...	16.45	67.2	ug/l	505428	4	13.57	376180	50.0