

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007049.D
 Acq On : 26 Nov 2018 15:59
 Operator : VAY/AP
 Sample : J6003-15
 Misc : 6.62G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NON-UST-05A

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	2.160	37	42	52	rVB	20392	28369	4.77%	0.471%
2	3.031	177	185	194	rVB2	4478	9441	1.59%	0.157%
3	4.921	485	495	511	rBV6	7246	27644	4.65%	0.459%
4	7.147	849	860	871	rBV2	4758	13857	2.33%	0.230%
5	7.890	972	982	986	rBV	62619	149839	25.19%	2.487%
6	7.951	986	992	1002	rVV	164295	365245	61.41%	6.062%
7	8.037	1002	1006	1014	rVB5	2822	6415	1.08%	0.106%
8	8.311	1043	1051	1061	rVB	65323	149957	25.21%	2.489%
9	8.482	1064	1079	1092	rBV2	6567	20872	3.51%	0.346%
10	8.847	1130	1139	1150	rBV	212865	431006	72.46%	7.154%
11	9.335	1207	1219	1223	rBV4	3908	9192	1.55%	0.153%
12	9.762	1283	1289	1296	rBV3	4164	9434	1.59%	0.157%
13	9.896	1305	1311	1317	rVB2	5960	11095	1.87%	0.184%
14	10.323	1374	1381	1387	rBV	312406	557190	93.68%	9.248%
15	10.390	1387	1392	1398	rVB	55112	93277	15.68%	1.548%
16	10.506	1405	1411	1420	rVB8	2870	6025	1.01%	0.100%
17	10.713	1437	1445	1447	rBV	15499	28067	4.72%	0.466%
18	11.067	1494	1503	1509	rBV2	12640	23029	3.87%	0.382%
19	11.445	1557	1565	1570	rVB9	4014	9886	1.66%	0.164%
20	11.634	1588	1596	1606	rBV	322876	537339	90.34%	8.919%
21	11.731	1608	1612	1620	rVB	15434	27292	4.59%	0.453%
22	11.841	1623	1630	1640	rVB	46402	88689	14.91%	1.472%
23	12.170	1676	1684	1691	rBV2	19131	35553	5.98%	0.590%
24	12.475	1724	1734	1738	rBV8	6983	24121	4.06%	0.400%
25	12.621	1751	1758	1767	rVB	255865	427023	71.79%	7.088%
26	12.810	1784	1789	1793	rBV	7458	10699	1.80%	0.178%
27	12.871	1793	1799	1802	rVV2	34489	66972	11.26%	1.112%
28	12.902	1802	1804	1807	rVV2	31617	51880	8.72%	0.861%
29	12.944	1807	1811	1829	rVB3	43416	131712	22.14%	2.186%
30	13.109	1831	1838	1844	rBV2	11291	28879	4.86%	0.479%
31	13.170	1845	1848	1851	rVB3	6291	8319	1.40%	0.138%
32	13.255	1856	1862	1866	rVV	53610	83532	14.04%	1.386%
33	13.359	1866	1879	1890	rVV4	26771	137984	23.20%	2.290%
34	13.493	1891	1901	1906	rVV5	19631	71174	11.97%	1.181%

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35	13.560	1906	1912	1925	rVB	350324	594791	100.00%	9.872%
36	13.761	1940	1945	1948	rVV4	15052	26051	4.38%	0.432%
37	13.798	1948	1951	1960	rVB4	15462	29058	4.89%	0.482%
38	13.883	1960	1965	1969	rBV4	13554	25063	4.21%	0.416%
39	14.103	1995	2001	2005	rVB2	25188	45754	7.69%	0.759%
40	14.206	2013	2018	2025	rVB4	15578	29628	4.98%	0.492%
41	14.273	2025	2029	2031	rBV5	4804	7502	1.26%	0.125%
42	14.340	2034	2040	2044	rBV8	9253	22156	3.73%	0.368%
43	14.389	2044	2048	2051	rVV5	15043	26092	4.39%	0.433%
44	14.426	2051	2054	2058	rVV2	20385	31696	5.33%	0.526%
45	14.462	2058	2060	2063	rVB2	10221	11365	1.91%	0.189%
46	14.505	2063	2067	2070	rBV	12449	17946	3.02%	0.298%
47	14.554	2071	2075	2082	rVB6	9097	19913	3.35%	0.331%
48	14.700	2094	2099	2102	rBV2	17371	30955	5.20%	0.514%
49	14.737	2102	2105	2109	rVB4	14188	21721	3.65%	0.361%
50	14.804	2110	2116	2121	rBV2	55020	124611	20.95%	2.068%
51	14.859	2121	2125	2131	rVB3	26090	57305	9.63%	0.951%
52	15.072	2150	2160	2164	rBV2	40881	89446	15.04%	1.485%
53	15.109	2164	2166	2172	rVV3	16582	33189	5.58%	0.551%
54	15.182	2173	2178	2184	rVB2	37788	79102	13.30%	1.313%
55	15.340	2198	2204	2207	rBV2	29952	57173	9.61%	0.949%
56	15.432	2214	2219	2223	rBV4	17321	42417	7.13%	0.704%
57	15.480	2223	2227	2230	rVV3	15076	27568	4.63%	0.458%
58	15.663	2250	2257	2264	rBV	40377	95285	16.02%	1.582%
59	15.743	2265	2270	2274	rVV2	17197	31627	5.32%	0.525%
60	15.828	2275	2284	2288	rVV5	28740	91613	15.40%	1.521%
61	15.871	2288	2291	2296	rVB2	34625	59195	9.95%	0.983%
62	15.956	2301	2305	2311	rVB3	21122	37719	6.34%	0.626%
63	16.029	2311	2317	2323	rBV5	22662	59554	10.01%	0.988%
64	16.188	2335	2343	2348	rBV3	33692	83758	14.08%	1.390%
65	16.303	2357	2362	2366	rVB6	13683	22833	3.84%	0.379%
66	16.383	2367	2375	2381	rBV4	37472	89573	15.06%	1.487%
67	16.450	2381	2386	2392	rBV	65579	136677	22.98%	2.269%
68	16.657	2412	2420	2428	rBV3	62740	174943	29.41%	2.904%
69	16.761	2433	2437	2438	rBV4	8052	10536	1.77%	0.175%

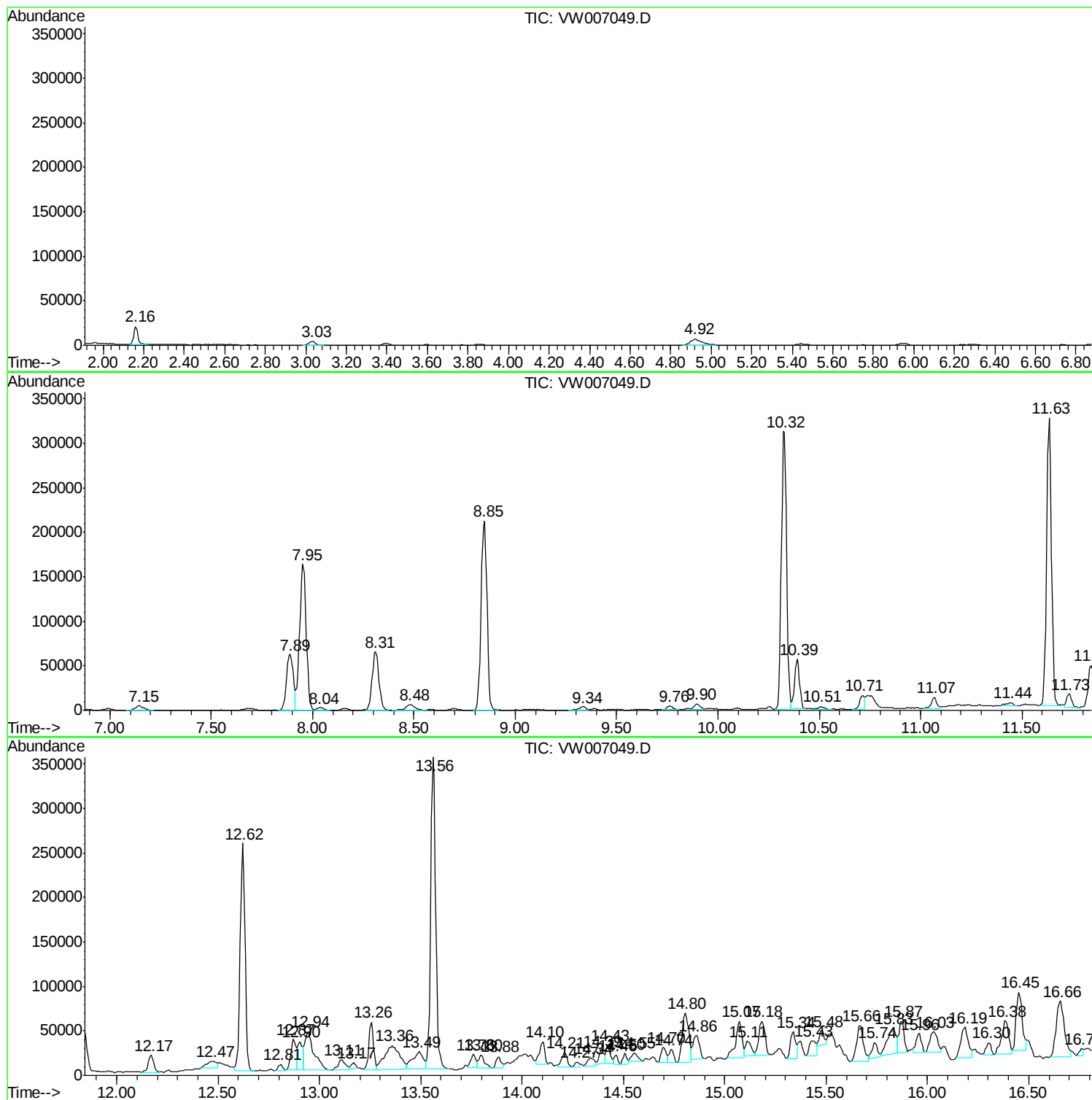
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

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



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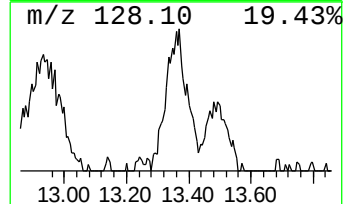
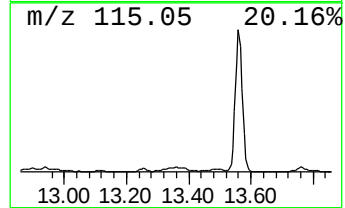
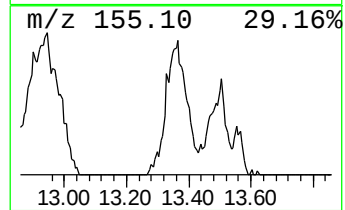
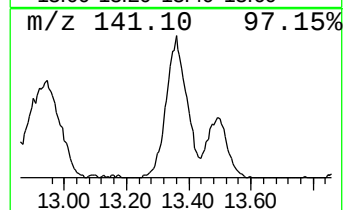
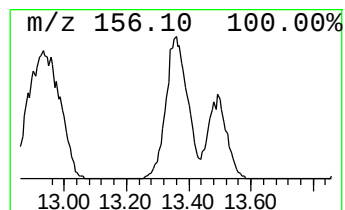
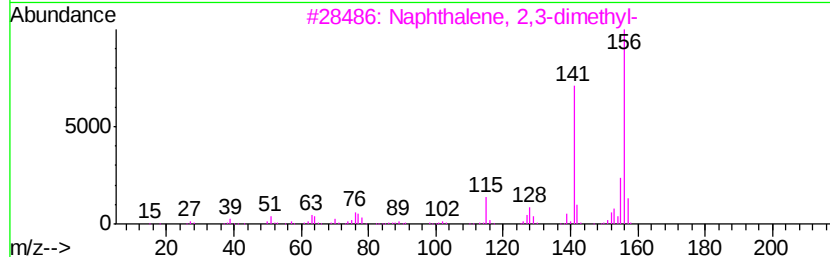
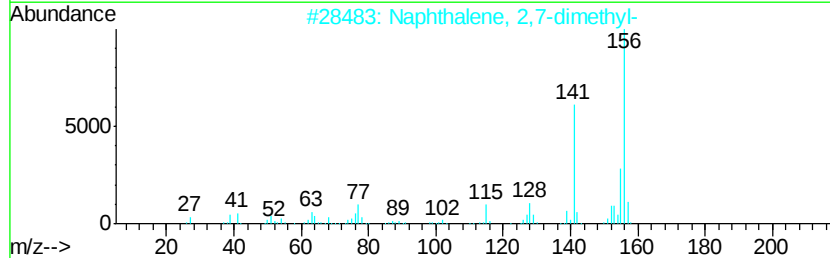
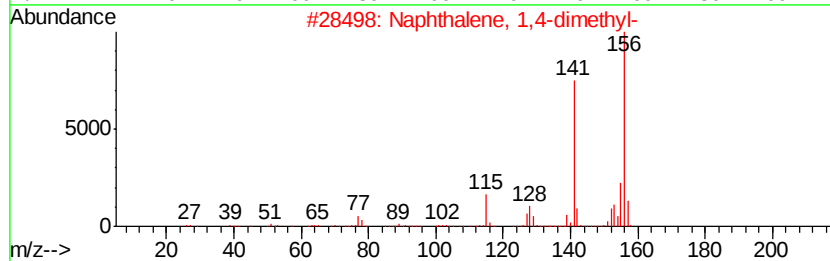
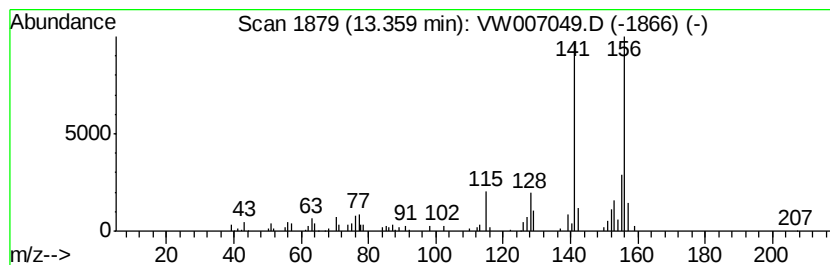
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 1,4-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.36	11.60 ug/l	137984	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95



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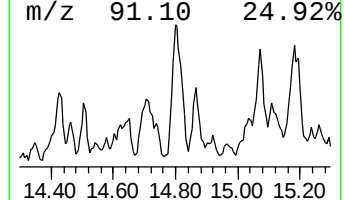
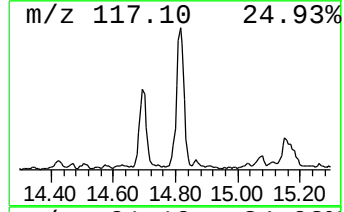
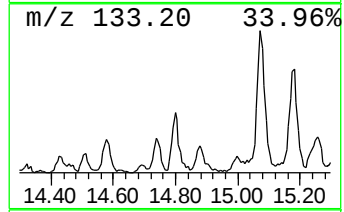
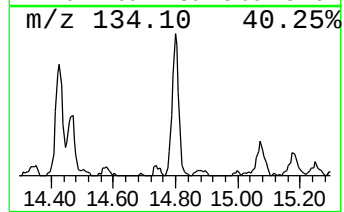
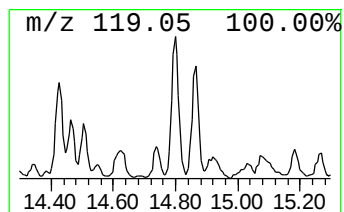
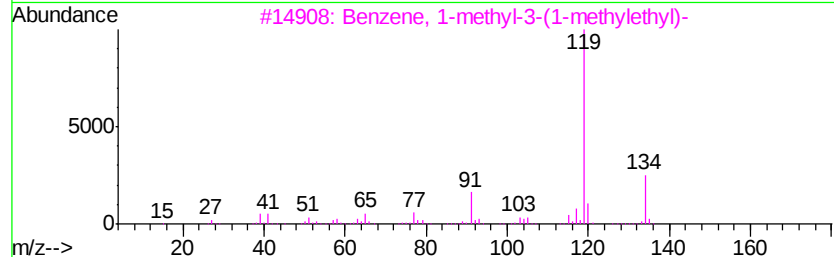
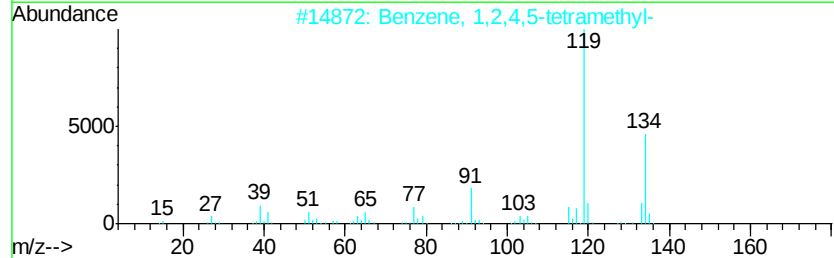
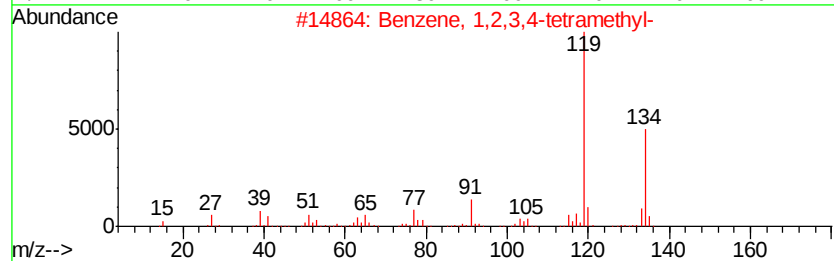
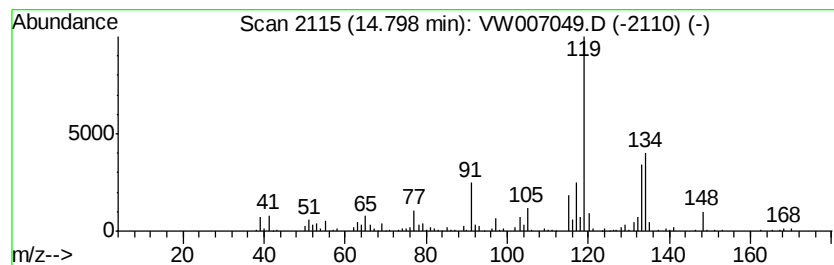
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	10.48 ug/l	124611	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	60
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
3		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
4		o-Cymene	134	C10H14	000527-84-4	60
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	55



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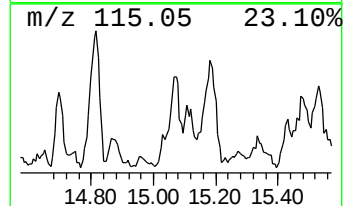
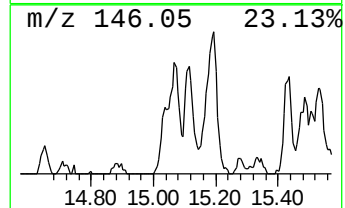
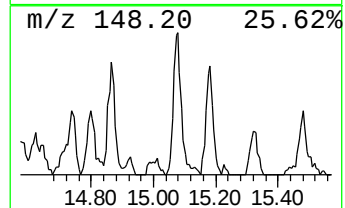
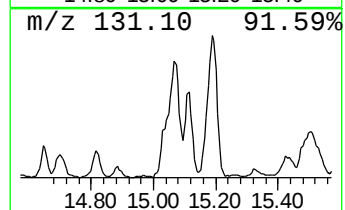
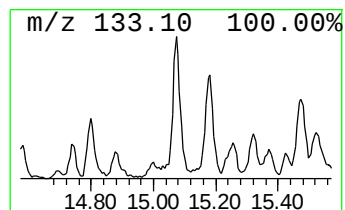
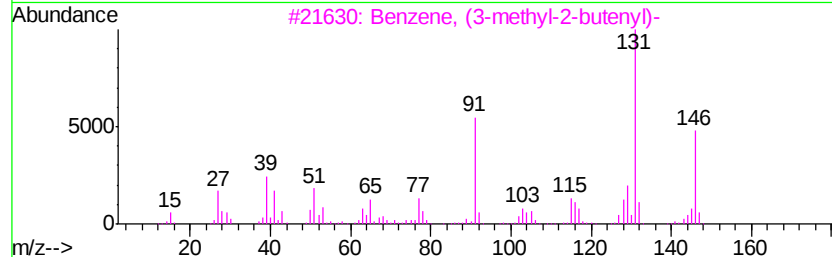
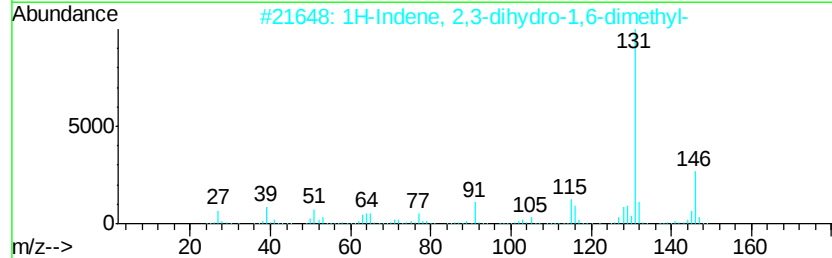
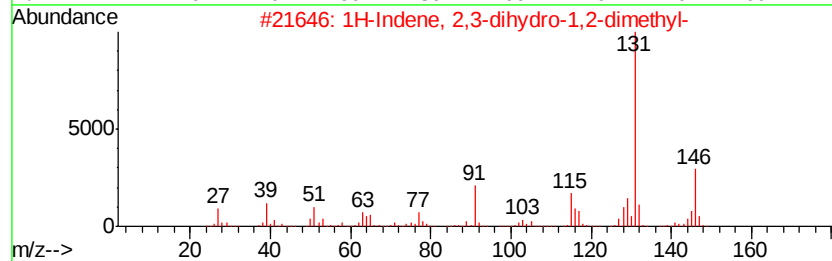
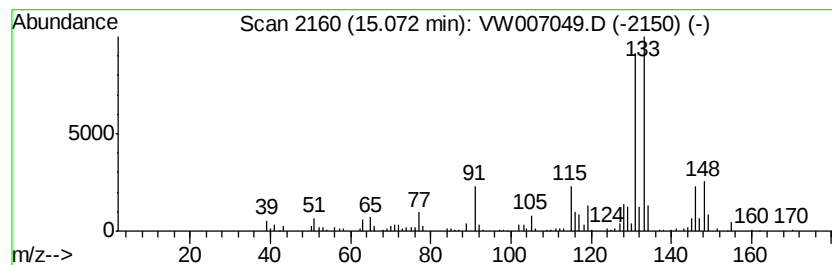
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Peak Number 3 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	7.52 ug/l	89446	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
2		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	50
3		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50
4		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	50
5		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	50



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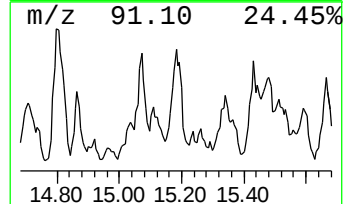
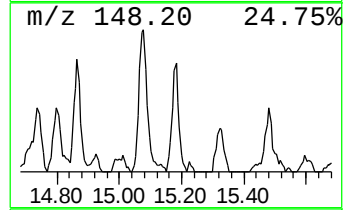
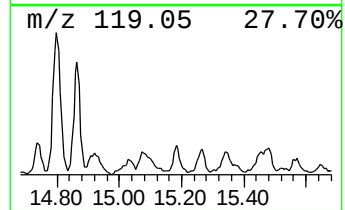
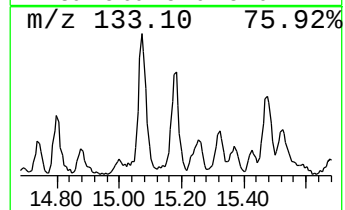
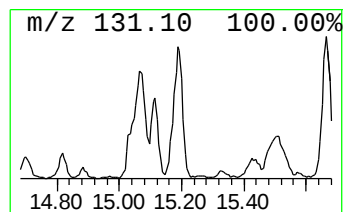
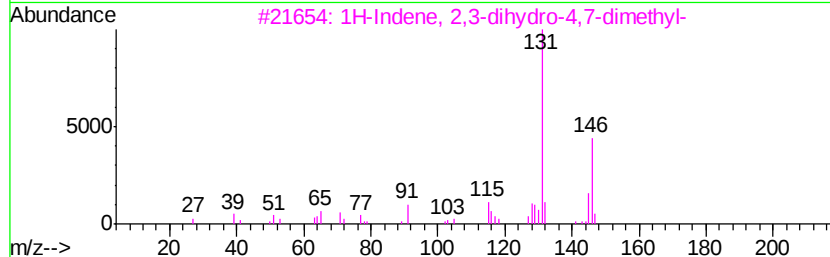
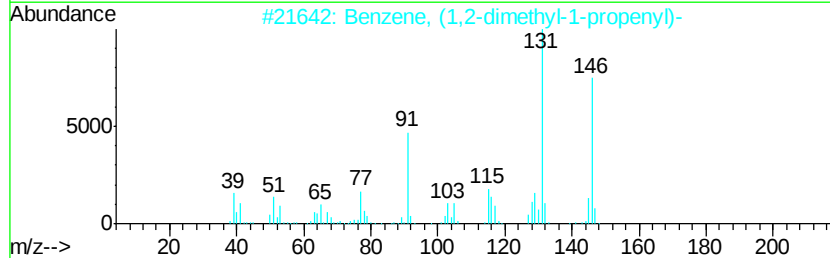
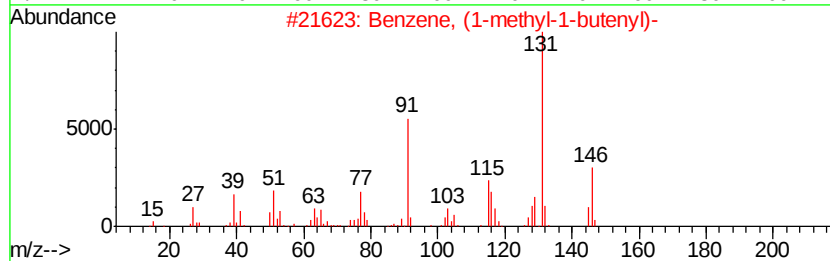
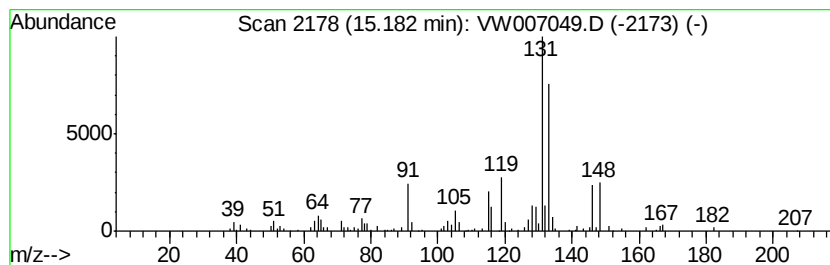
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Peak Number 4 Benzene, (1-methyl-1-butenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	6.65 ug/l	79102	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	70
2		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55
4		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	50
5		Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
Data File : VW007049.D
Acq On : 26 Nov 2018 15:59
Operator : VAY/AP
Sample : J6003-15
Misc : 6.62G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
NON-UST-05A

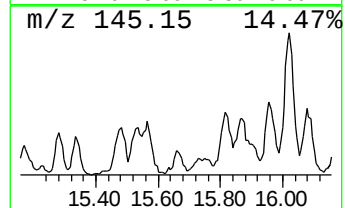
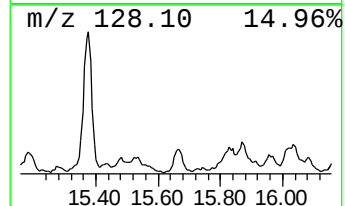
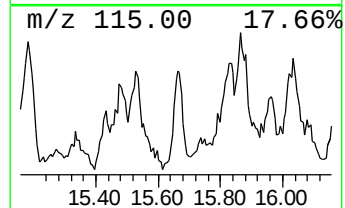
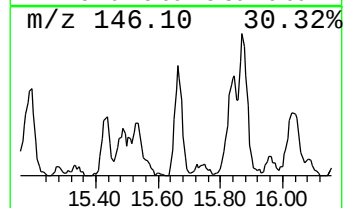
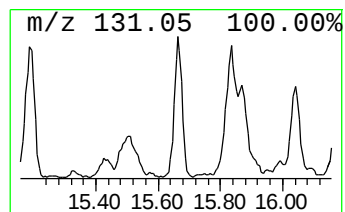
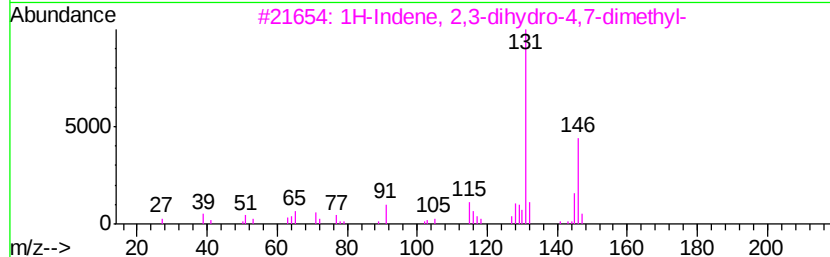
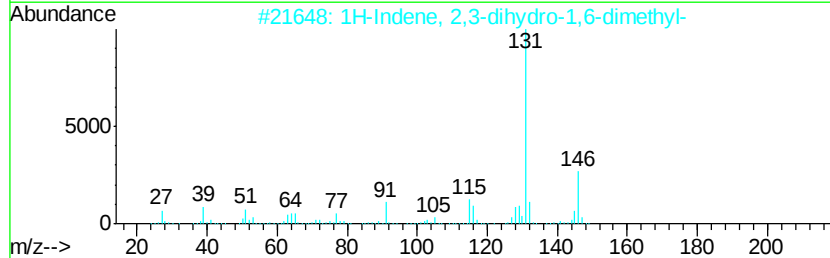
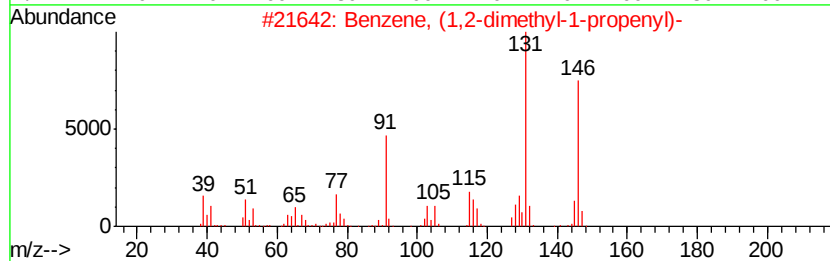
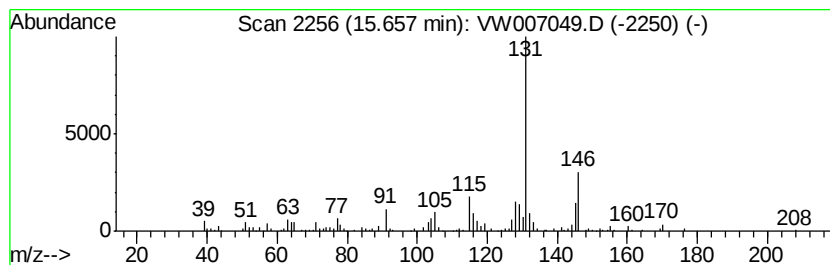
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, (1,2-dimethyl-1-propenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	8.01 ug/l	95285	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
2		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
4		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
5		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
Data File : VW007049.D
Acq On : 26 Nov 2018 15:59
Operator : VAY/AP
Sample : J6003-15
Misc : 6.62G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
NON-UST-05A

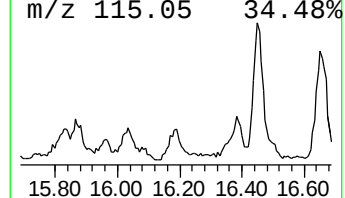
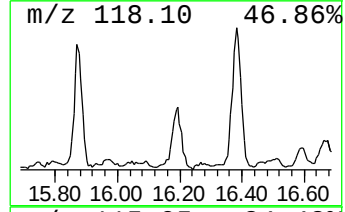
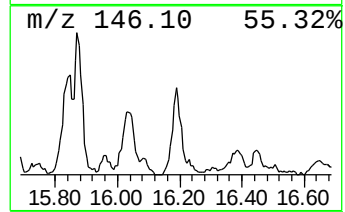
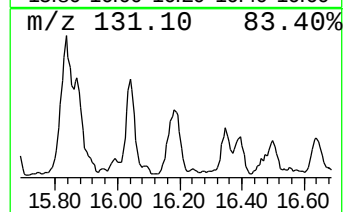
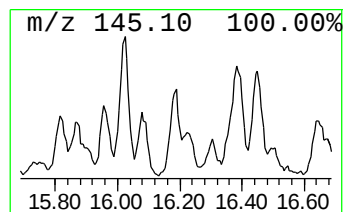
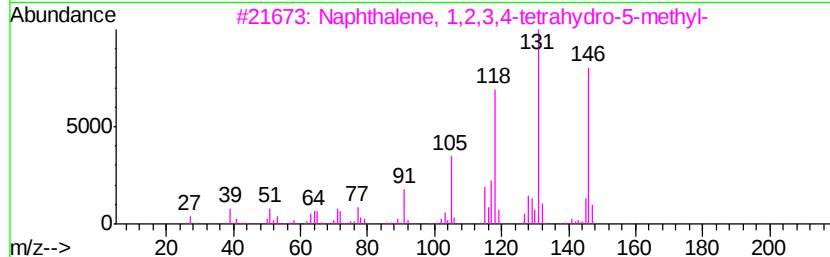
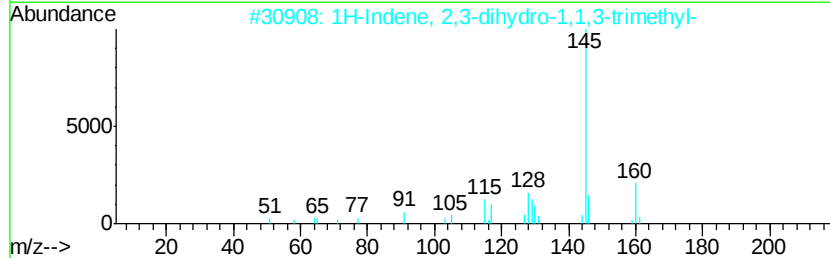
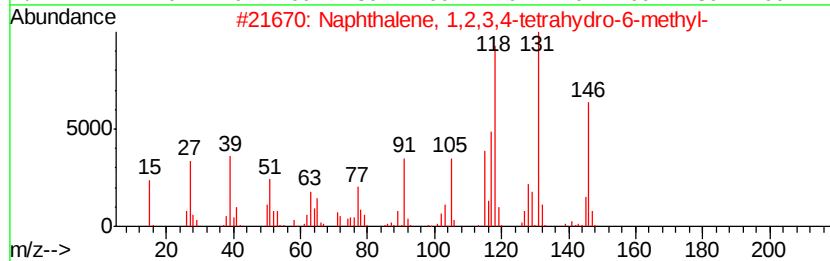
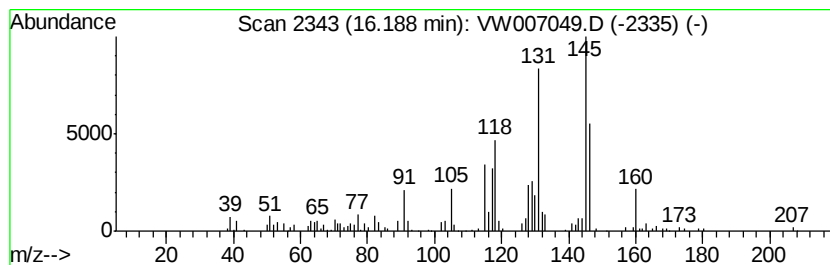
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	7.04 ug/l	83758	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	78
2		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	55
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	53
4		1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	53
5		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
Data File : VW007049.D
Acq On : 26 Nov 2018 15:59
Operator : VAY/AP
Sample : J6003-15
Misc : 6.62G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

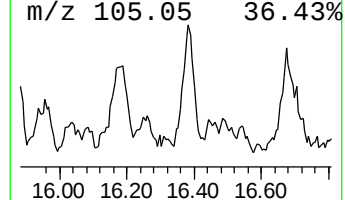
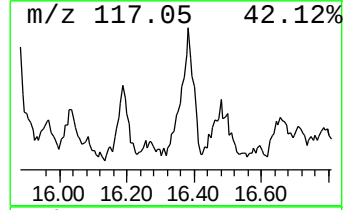
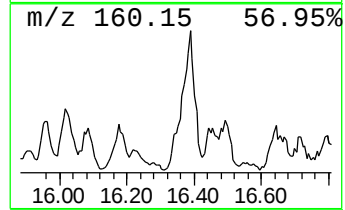
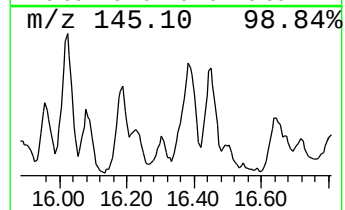
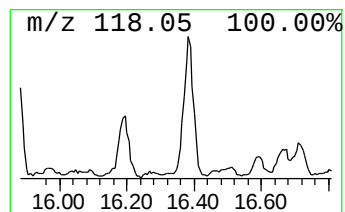
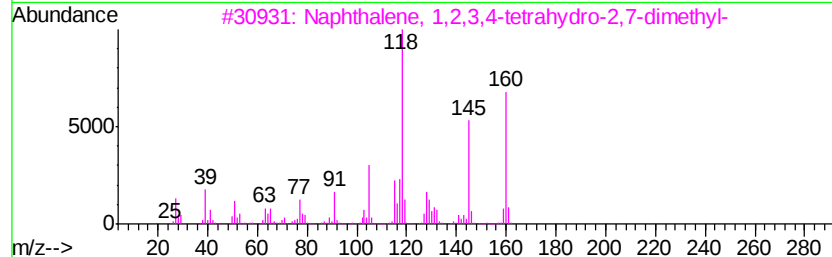
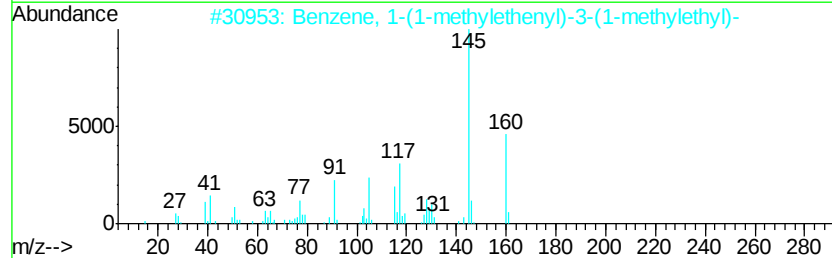
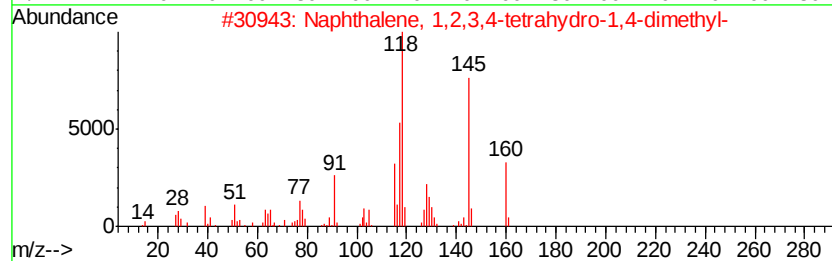
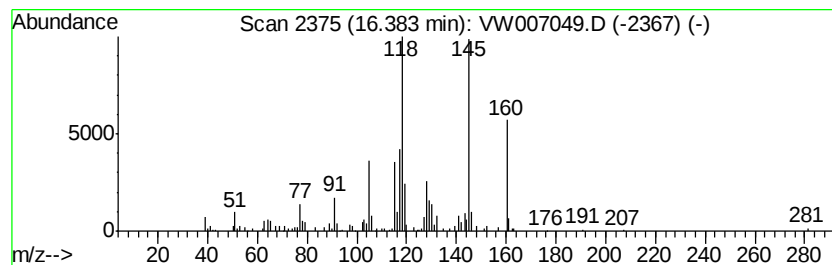
Instrument :
MSVOA_W
ClientSampleId :
NON-UST-05A

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, 1,2,3,4-tetrahydro... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	7.53 ug/l	89573	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	004175-54-6 93
2		Benzene, 1-(1-methylethenyl)-3-(...	160 C12H16	001129-29-9 92
3		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	013065-07-1 76
4		Benzene, 1,2,4-trimethyl-5-(1-me...	160 C12H16	054340-84-0 55
5		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	001076-61-5 53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
Data File : VW007049.D
Acq On : 26 Nov 2018 15:59
Operator : VAY/AP
Sample : J6003-15
Misc : 6.62G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
NON-UST-05A

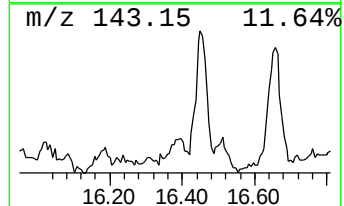
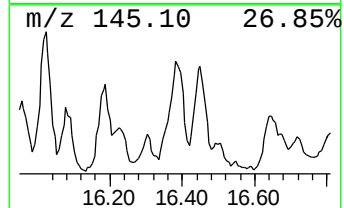
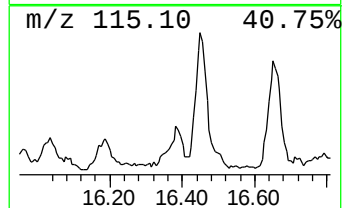
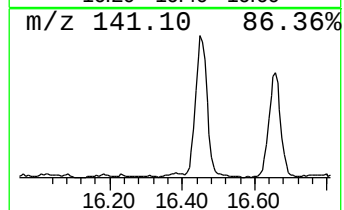
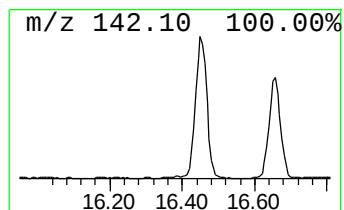
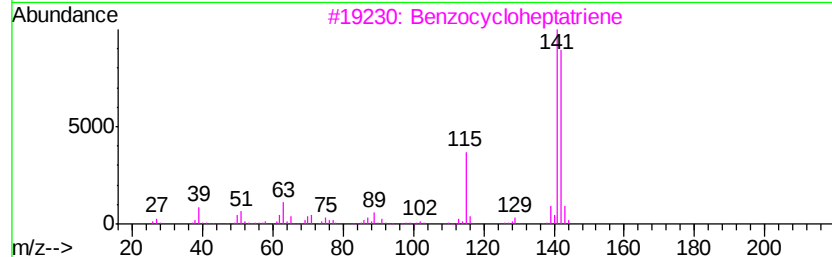
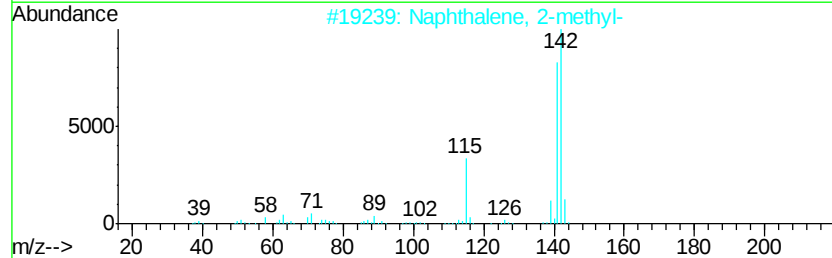
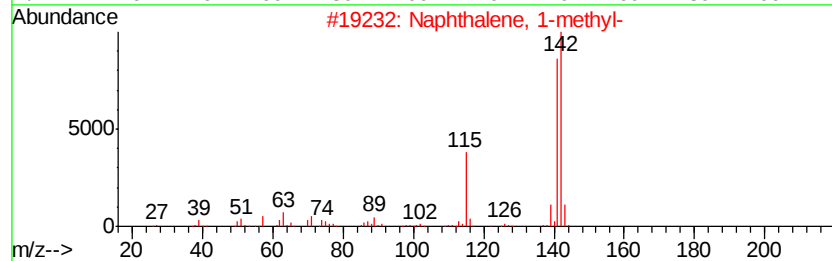
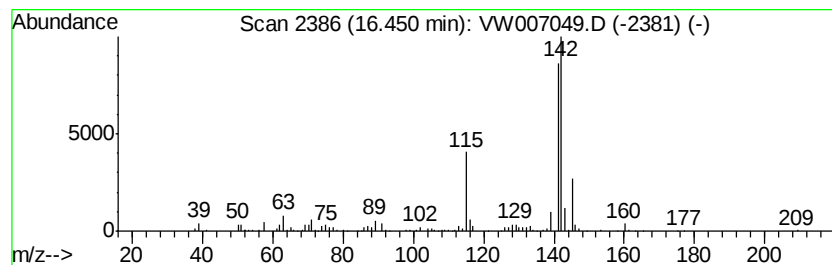
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	11.49 ug/l	136677	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3		Benzocycloheptatriene	142	C11H10	000264-09-5	90
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	87
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
Data File : VW007049.D
Acq On : 26 Nov 2018 15:59
Operator : VAY/AP
Sample : J6003-15
Misc : 6.62G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
NON-UST-05A

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
Naphthalene, 1,4-...	13.36	11.6	ug/l	137984	4	13.56	594791	50.0
Benzene, 1,2,3,4-...	14.80	10.5	ug/l	124611	4	13.56	594791	50.0
1H-Indene, 2,3-di...	15.07	7.5	ug/l	89446	4	13.56	594791	50.0
Benzene, (1-methy...	15.18	6.7	ug/l	79102	4	13.56	594791	50.0
Benzene, (1,2-dim...	15.66	8.0	ug/l	95285	4	13.56	594791	50.0
Naphthalene, 1,2,...	16.19	7.0	ug/l	83758	4	13.56	594791	50.0
Naphthalene, 1,2,...	16.38	7.5	ug/l	89573	4	13.56	594791	50.0
Naphthalene, 1-me...	16.45	11.5	ug/l	136677	4	13.56	594791	50.0