

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081318\
 Data File : VW004600.D
 Acq On : 10 Aug 2018 16:32
 Operator : SY/AP
 Sample : J4409-01
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-9B

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\82W080618S.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	29	37	58	rVB	3145215	7047076	29.33%	5.740%
2	7.885	1021	1033	1038	rBV	476671	1112455	4.63%	0.906%
3	7.952	1038	1044	1055	rVB	891453	1939327	8.07%	1.580%
4	8.312	1088	1103	1113	rBV	491667	1117013	4.65%	0.910%
5	8.848	1178	1191	1206	rBV	1371705	2693045	11.21%	2.193%
6	10.330	1425	1434	1440	rBV	1801365	3125196	13.01%	2.545%
7	11.634	1641	1648	1659	rBV	1773741	3030423	12.61%	2.468%
8	11.738	1659	1665	1673	rBV	301074	547290	2.28%	0.446%
9	12.372	1754	1769	1776	rBV5	129009	459420	1.91%	0.374%
10	12.469	1776	1785	1789	rBV	183330	326825	1.36%	0.266%
11	12.622	1805	1810	1819	rVB	1168406	1935645	8.06%	1.577%
12	12.908	1846	1857	1861	rBV	831643	1707820	7.11%	1.391%
13	12.945	1861	1863	1870	rVB	468646	734551	3.06%	0.598%
14	13.110	1883	1890	1897	rBV	343591	594039	2.47%	0.484%
15	13.256	1908	1914	1919	rBV	769574	1190804	4.96%	0.970%
16	13.451	1940	1946	1950	rBV	359473	561192	2.34%	0.457%
17	13.506	1950	1955	1959	rVV	330886	491857	2.05%	0.401%
18	13.567	1959	1965	1973	rVV2	1522126	2765445	11.51%	2.252%
19	13.725	1985	1991	1995	rBV	1597074	2594252	10.80%	2.113%
20	13.762	1995	1997	1999	rVV2	727232	944806	3.93%	0.770%
21	13.798	1999	2003	2013	rVB2	1969953	3602714	15.00%	2.934%
22	13.951	2022	2028	2033	rBV2	186680	341906	1.42%	0.278%
23	14.018	2034	2039	2041	rBV	341987	525144	2.19%	0.428%
24	14.048	2041	2044	2048	rVB	623011	862353	3.59%	0.702%
25	14.103	2048	2053	2059	rBV	1709203	2544973	10.59%	2.073%
26	14.219	2064	2072	2082	rBV2	921542	2433520	10.13%	1.982%
27	14.347	2087	2093	2098	rVV2	256495	421471	1.75%	0.343%
28	14.426	2098	2106	2109	rVV	533788	884545	3.68%	0.720%
29	14.469	2109	2113	2117	rVV	890442	1347338	5.61%	1.097%
30	14.512	2117	2120	2124	rVV	654752	893193	3.72%	0.727%
31	14.579	2124	2131	2140	rVB3	353617	817111	3.40%	0.666%
32	14.701	2146	2151	2155	rBV	836226	1360368	5.66%	1.108%
33	14.737	2155	2157	2162	rVB2	184987	262381	1.09%	0.214%
34	14.810	2162	2169	2175	rBV2	1082056	2506110	10.43%	2.041%

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 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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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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35	14.884	2175	2181	2189	rVB2	697010	1294376	5.39%	1.054%
36	14.963	2189	2194	2202	rBV	1345942	2209097	9.20%	1.799%
37	15.073	2203	2212	2225	rVB2	927545	2172084	9.04%	1.769%
38	15.188	2225	2231	2241	rVB3	329584	710719	2.96%	0.579%
39	15.298	2243	2249	2251	rBV	206144	367537	1.53%	0.299%
40	15.377	2255	2262	2271	rVB	13381018	24024529	100.00%	19.567%
41	15.487	2273	2280	2286	rBV3	391558	812611	3.38%	0.662%
42	15.670	2303	2310	2312	rBV	328911	586477	2.44%	0.478%
43	15.707	2312	2316	2319	rBV	290087	472547	1.97%	0.385%
44	15.859	2330	2341	2346	rBV2	641584	1466972	6.11%	1.195%
45	15.908	2347	2349	2354	rVB	218264	302270	1.26%	0.246%
46	15.981	2354	2361	2366	rBV2	442344	1117462	4.65%	0.910%
47	16.261	2400	2407	2418	rVV3	210562	721274	3.00%	0.587%
48	16.396	2418	2429	2432	rVV3	223426	669124	2.79%	0.545%
49	16.457	2432	2439	2452	rVB	3779350	7906706	32.91%	6.440%
50	16.585	2453	2460	2464	rBV3	138862	331698	1.38%	0.270%
51	16.658	2464	2472	2482	rVB	10955869	23892610	99.45%	19.460%

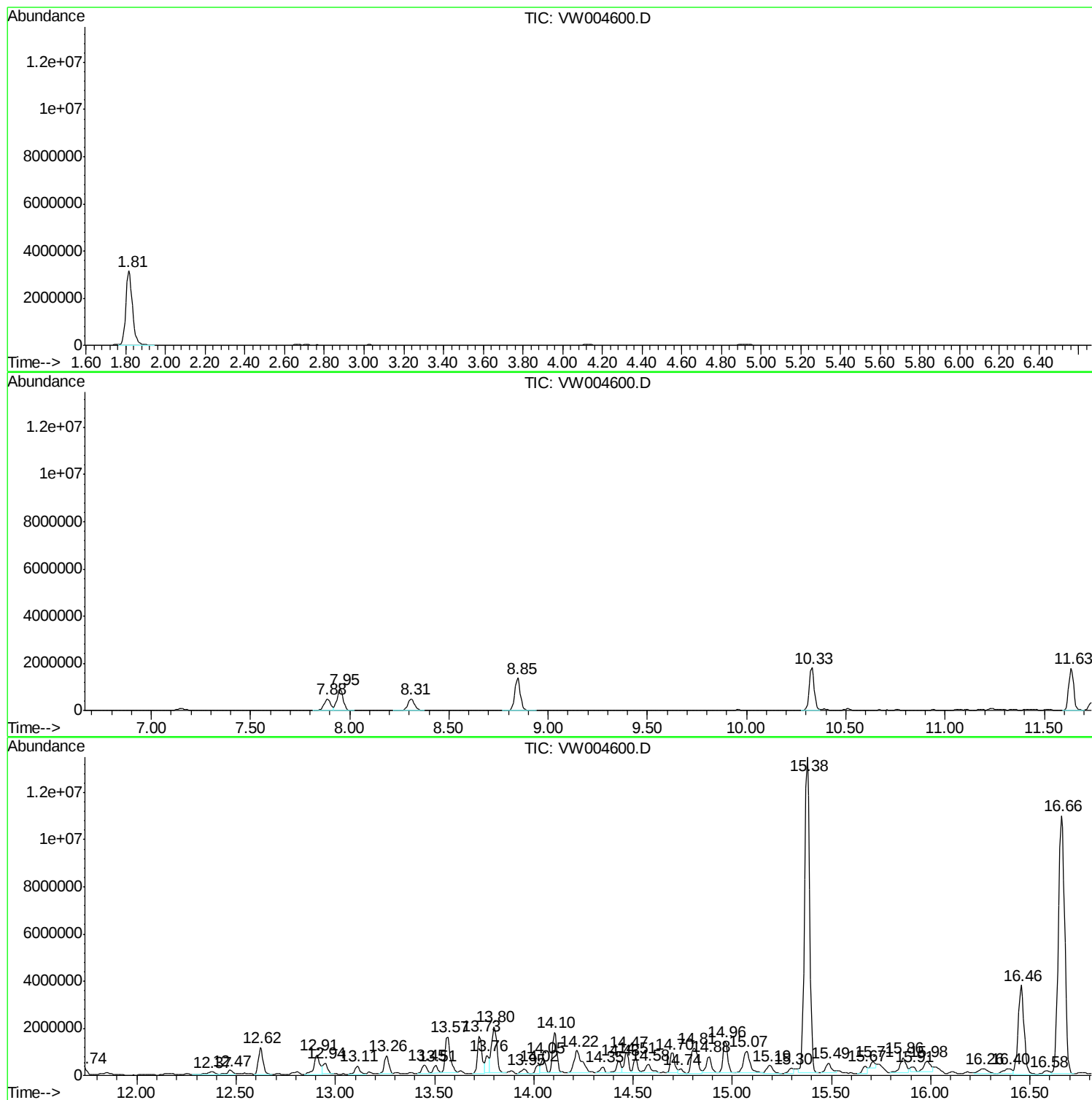
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
Quant Title : SW846 8260

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



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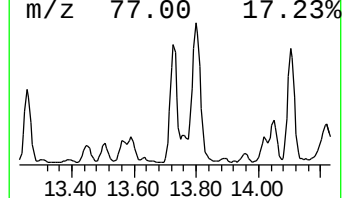
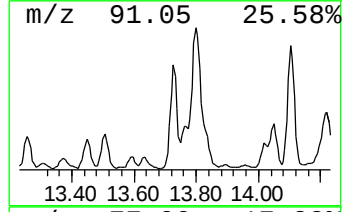
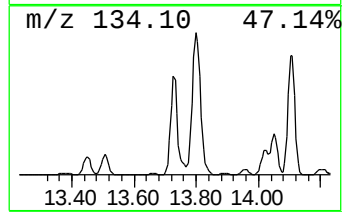
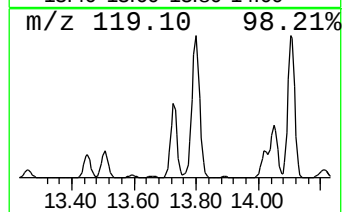
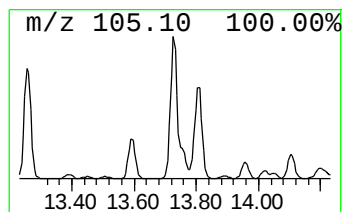
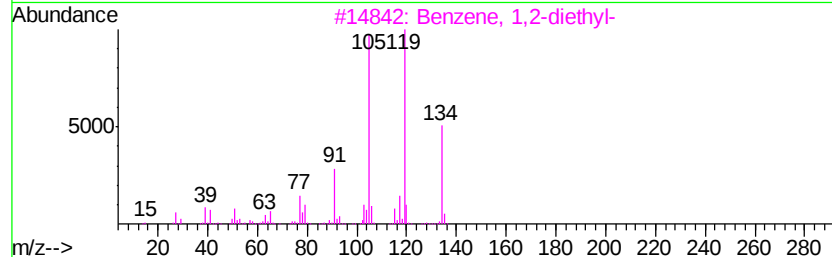
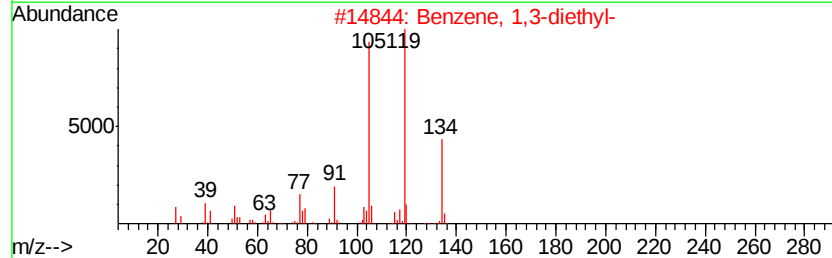
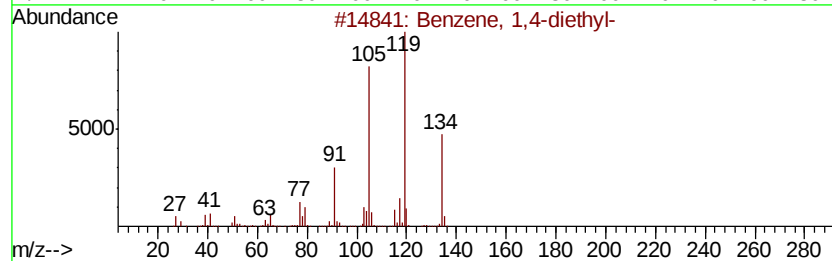
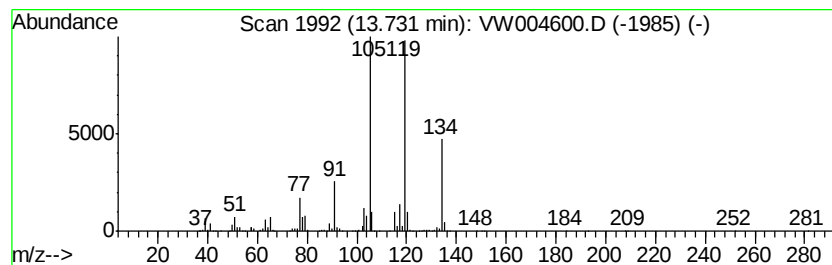
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1,4-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	46.90 ug/l	2594250	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83



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Misc : 5.02G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-AREA-9B

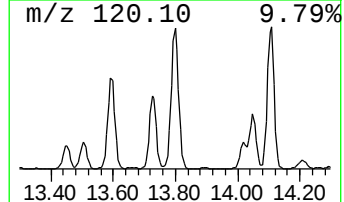
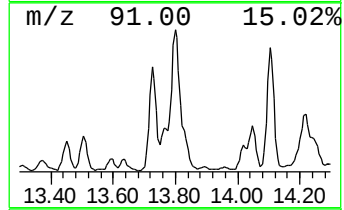
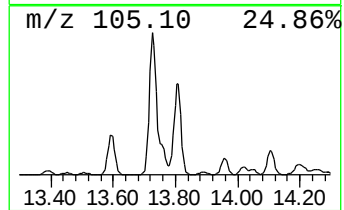
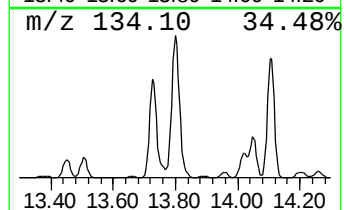
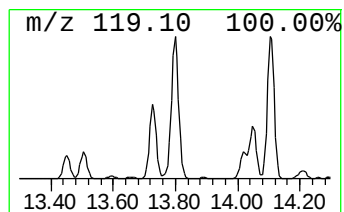
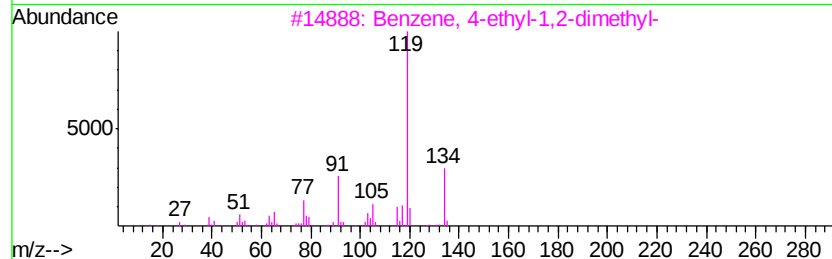
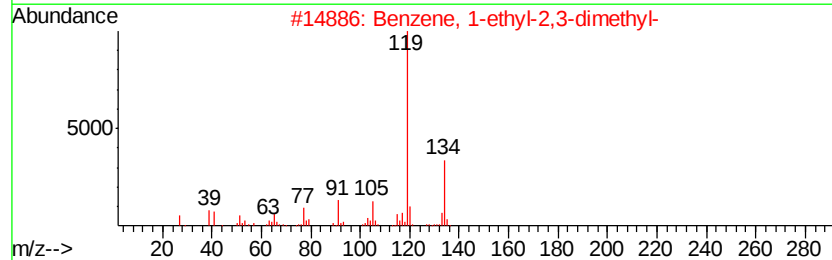
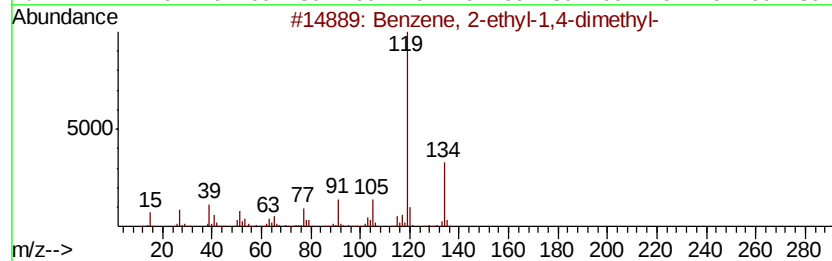
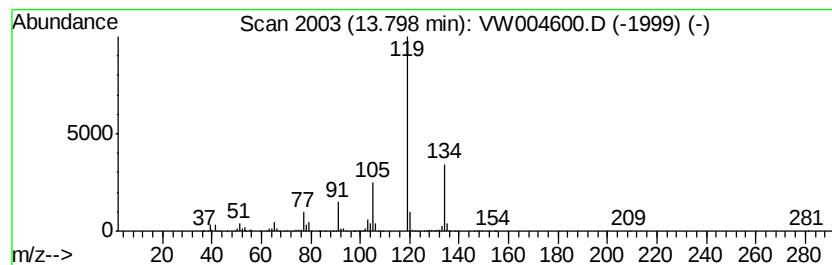
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	65.14 ug/l	3602710	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	83



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Sample : J4409-01
Misc : 5.02G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-AREA-9B

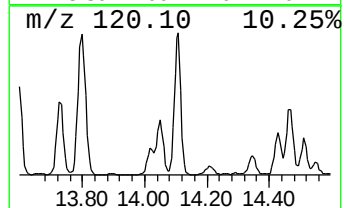
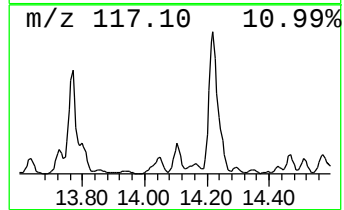
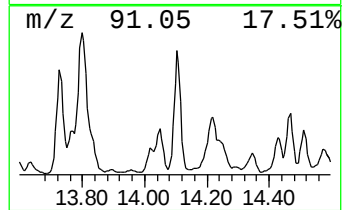
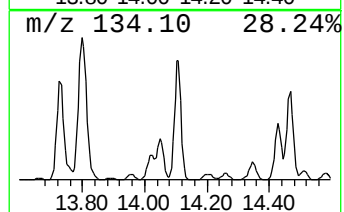
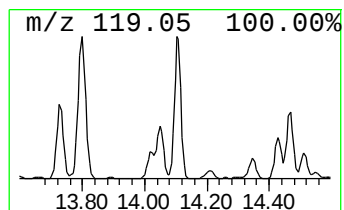
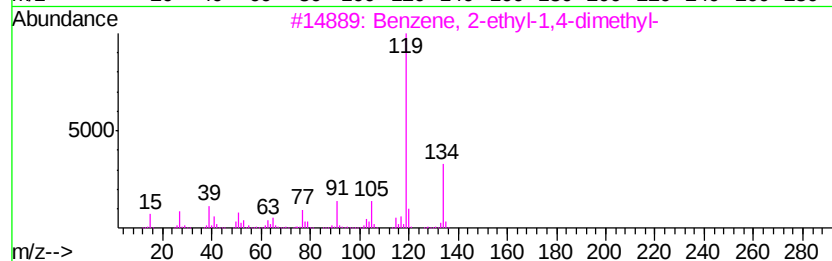
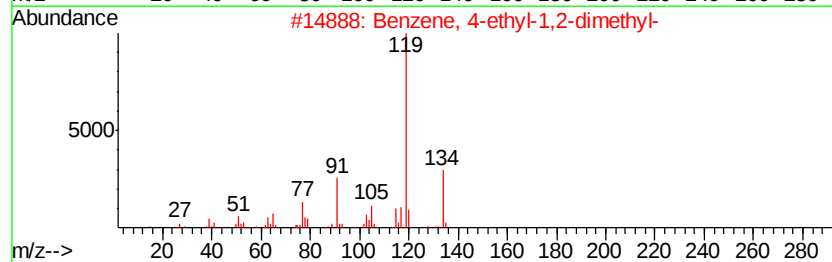
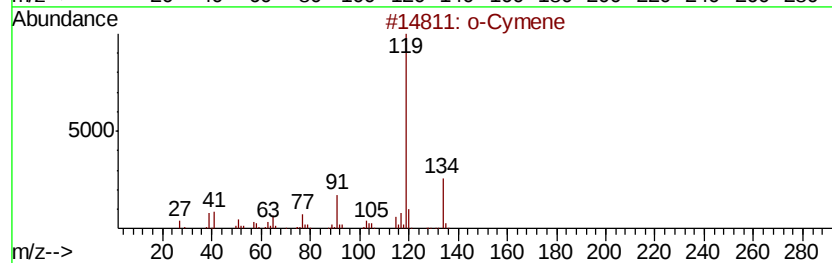
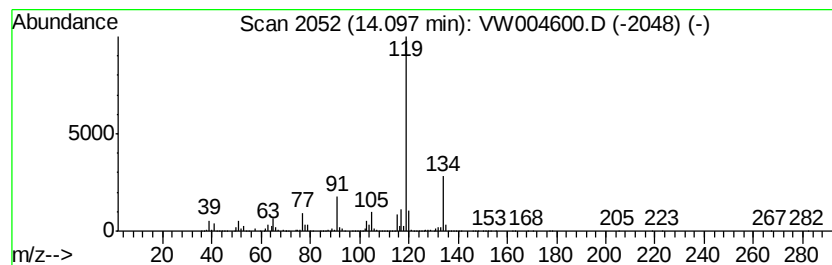
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
Quant Title : SW846 8260

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

Peak Number 4 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	46.01 ug/l	2544970	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	95
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94



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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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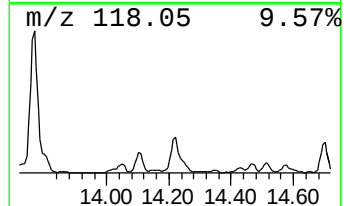
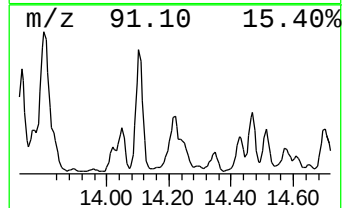
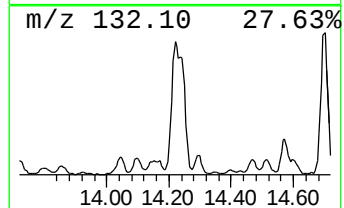
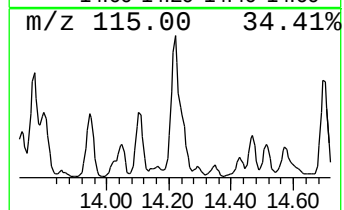
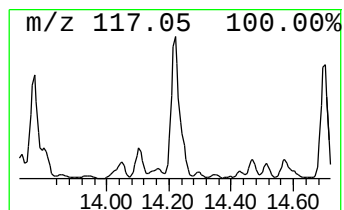
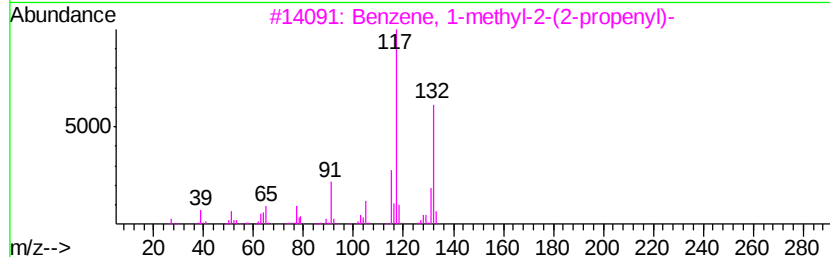
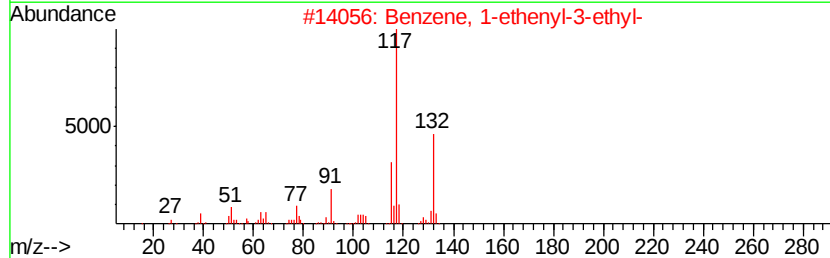
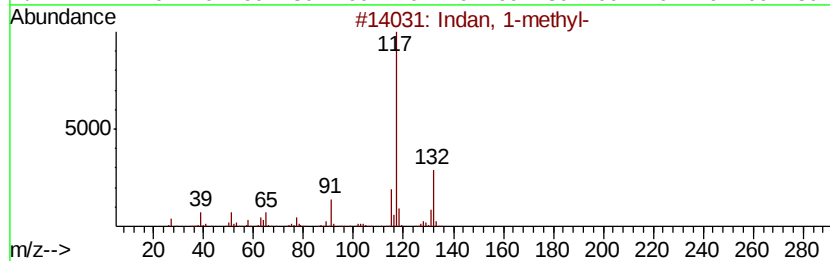
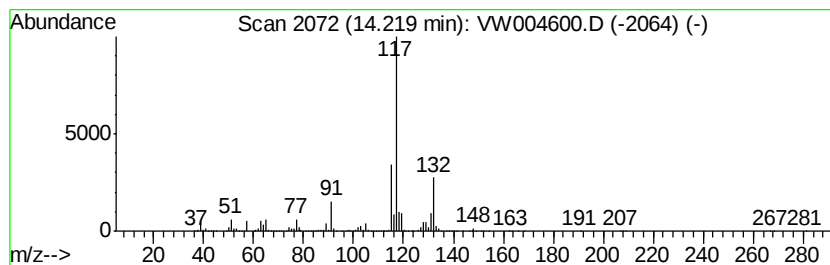
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
Quant Title : SW846 8260

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

Peak Number 5 Indan, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	44.00 ug/l	2433520	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	80
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	80



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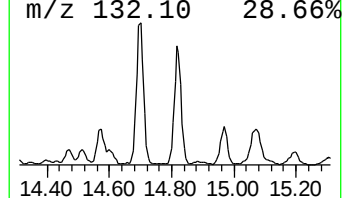
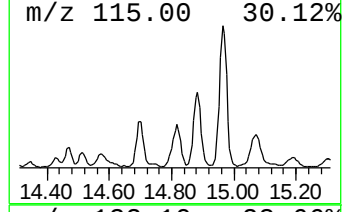
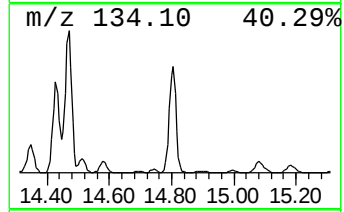
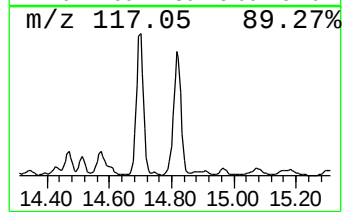
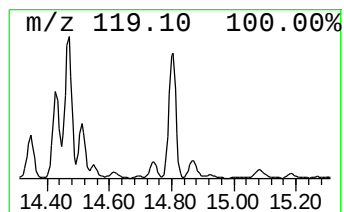
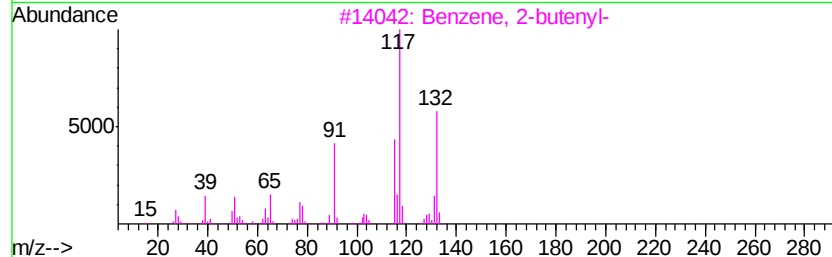
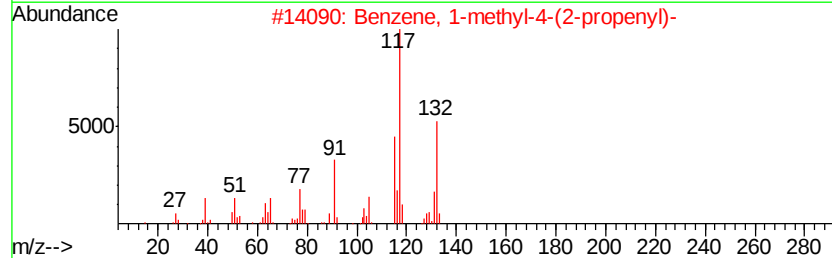
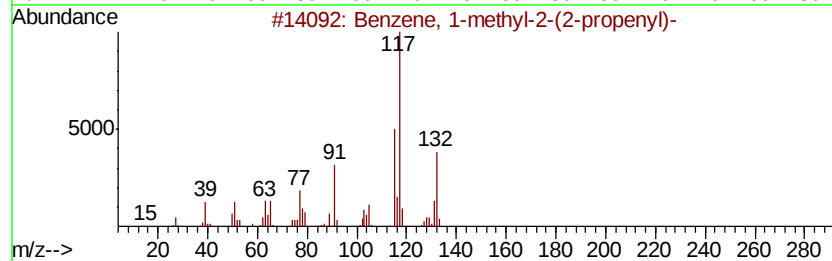
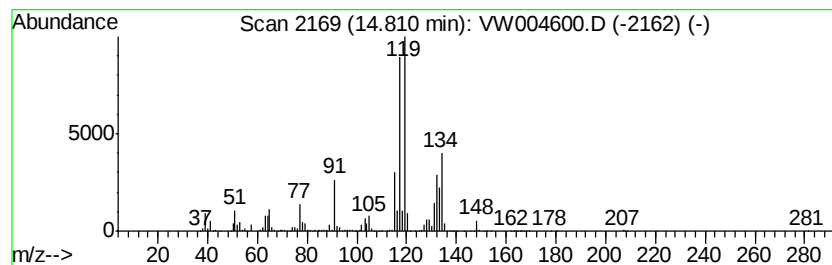
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-methyl-2-(2-prop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	45.31 ug/l	2506110	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
2		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
4		o-Cymene	134	C10H14	000527-84-4	50
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081318\
Data File : VW004600.D
Acq On : 10 Aug 2018 16:32
Operator : SY/AP
Sample : J4409-01
Misc : 5.02G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-AREA-9B

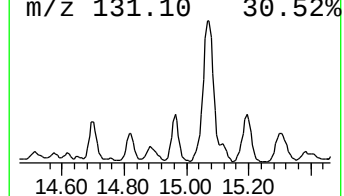
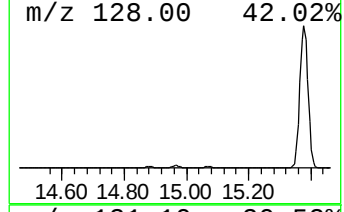
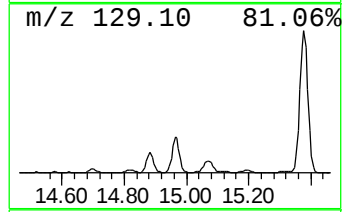
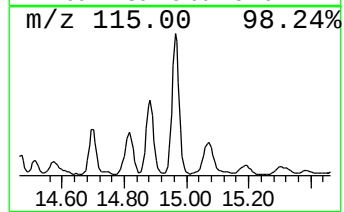
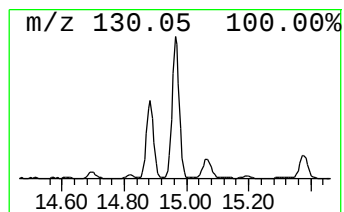
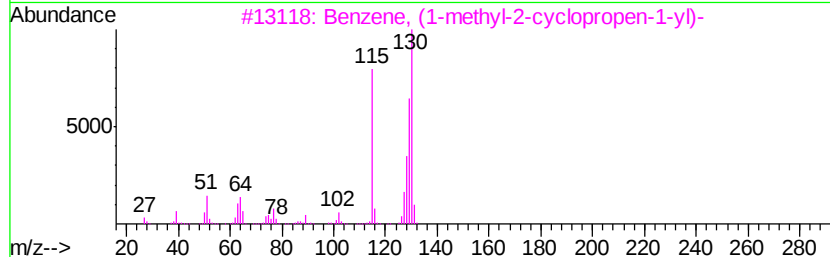
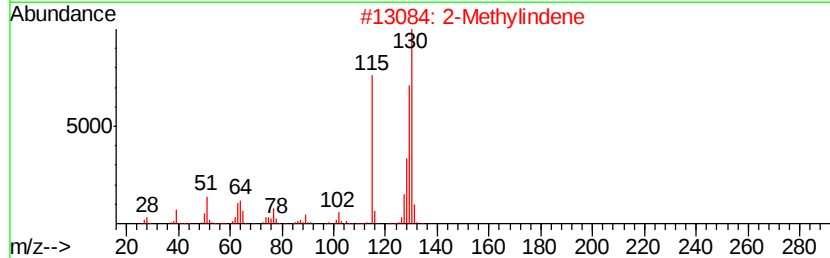
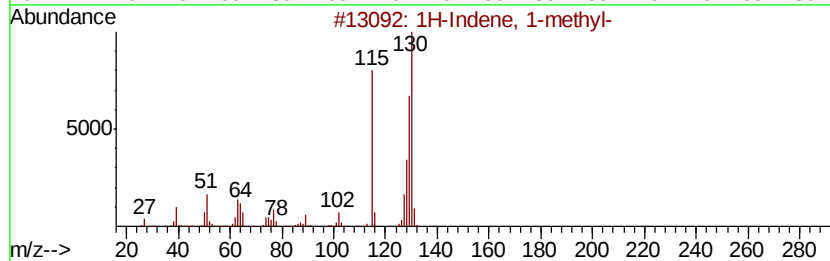
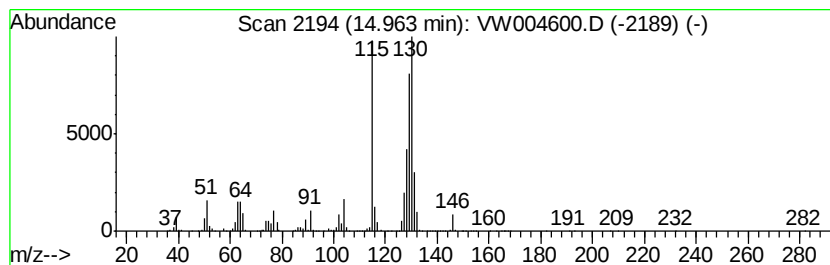
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Quant Title : SW846 8260

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

Peak Number 7 1H-Indene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	39.94 ug/l	2209100	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2		2-Methylindene	130	C10H10	002177-47-1	95
3		Benzene, (1-methyl-2-cyclopropen-1-yl)-	130	C10H10	065051-83-4	94
4		Benzene, 1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5		1H-Indene, 3-methyl-	130	C10H10	000767-60-2	89



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081318\
Data File : VW004600.D
Acq On : 10 Aug 2018 16:32
Operator : SY/AP
Sample : J4409-01
Misc : 5.02G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

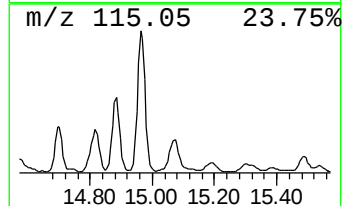
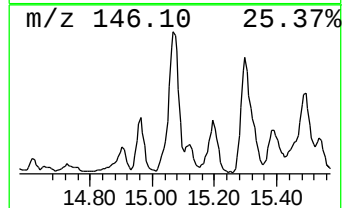
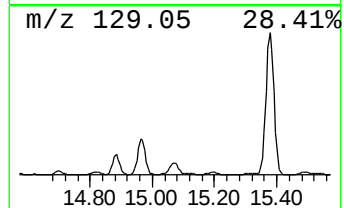
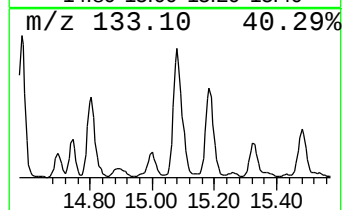
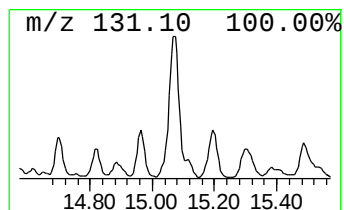
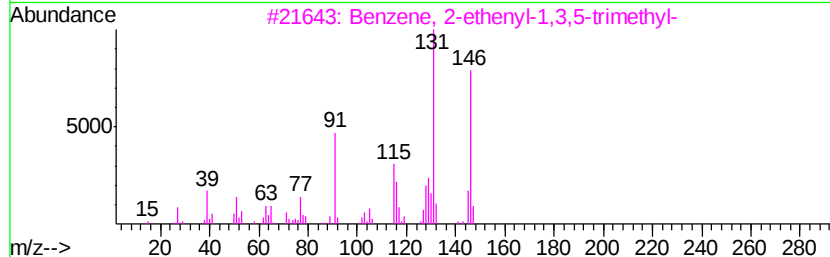
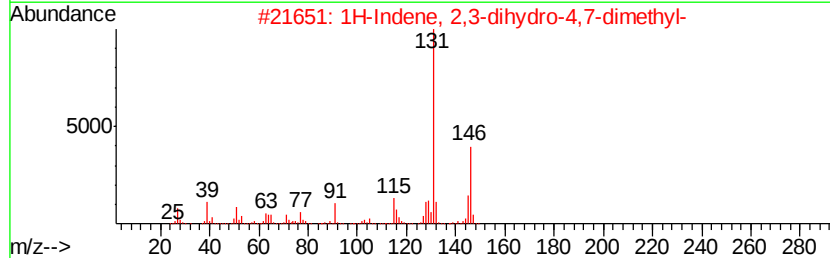
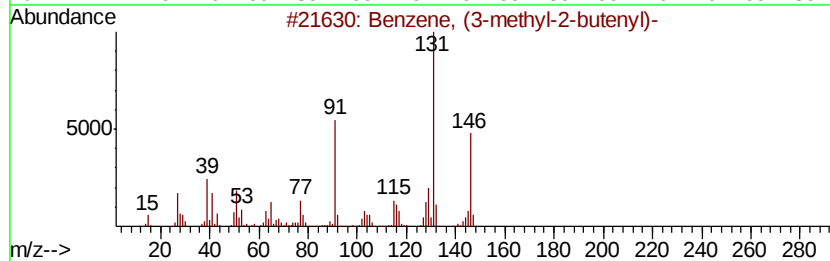
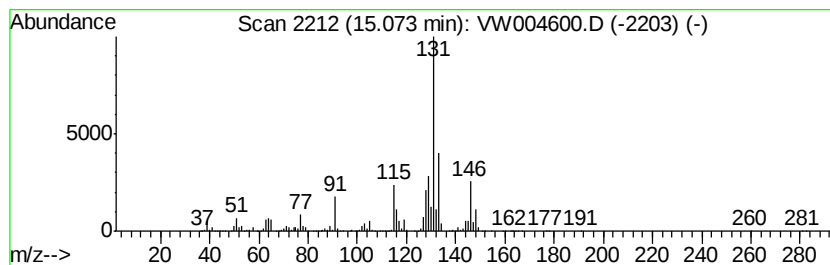
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-AREA-9B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, (3-methyl-2-butenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	39.27 ug/l	2172080	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, (3-methyl-2-butenyl)-	146 C11H14	004489-84-3 64
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146 C11H14	006682-71-9 62
3		Benzene, 2-ethenyl-1,3,5-trimethyl-	146 C11H14	000769-25-5 58
4		1H-Indene, 2,3-dihydro-1,2-dimet...	146 C11H14	017057-82-8 58
5		Benzene, 1-methyl-4-(1-methyl-2-...	146 C11H14	097664-18-1 53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081318\
Data File : VW004600.D
Acq On : 10 Aug 2018 16:32
Operator : SY/AP
Sample : J4409-01
Misc : 5.02G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-AREA-9B

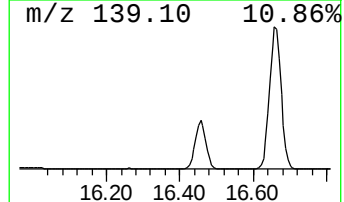
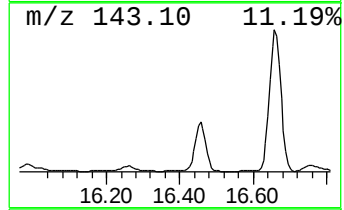
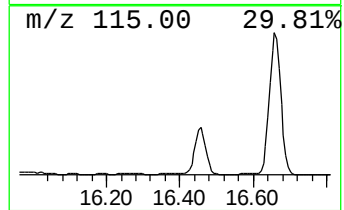
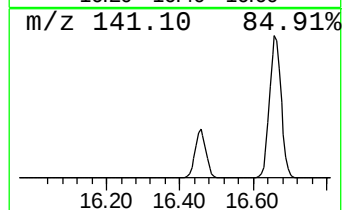
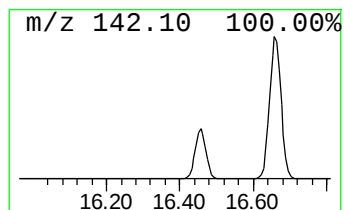
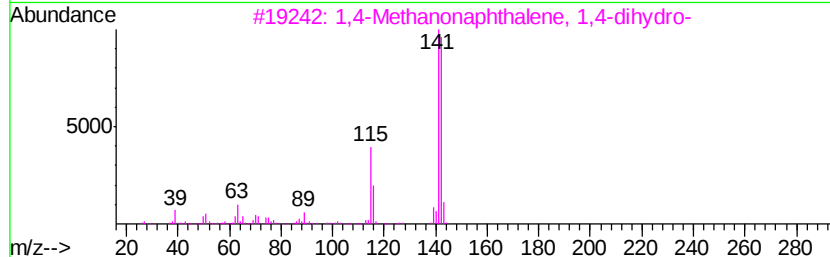
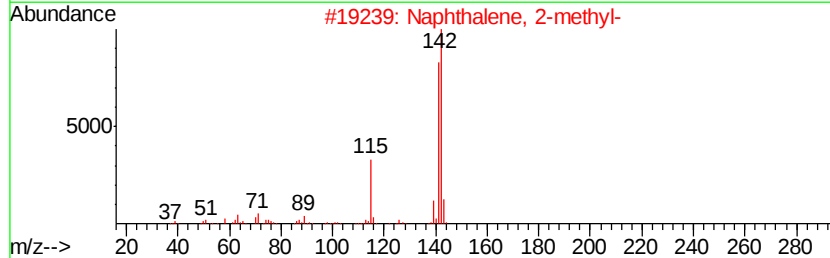
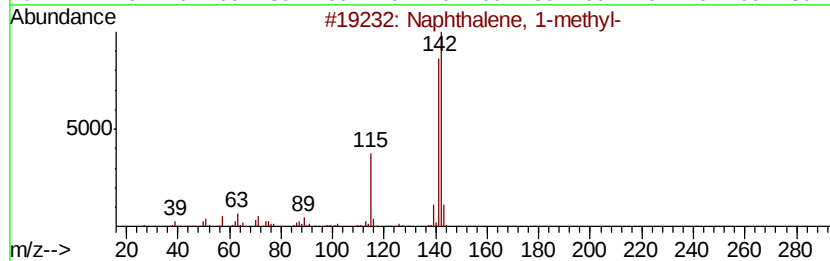
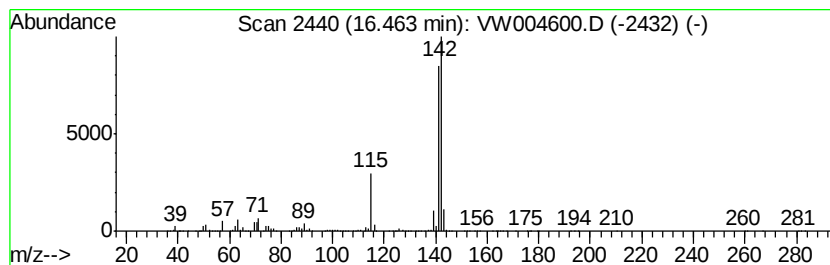
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
Quant Title : SW846 8260

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.
16.46	142.96 ug/l	7906710	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	90
4		Benzocycloheptatriene	142	C11H10	000264-09-5	90
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	59



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
Data File : VW004600.D
Acq On : 10 Aug 2018 16:32
Operator : SY/AP
Sample : J4409-01
Misc : 5.02G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-AREA-9B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.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, 1,4-diet...	13.73	46.9	ug/l	2594250	4	13.57	2765450	50.0
Benzene, 2-ethyl-...	13.80	65.1	ug/l	3602710	4	13.57	2765450	50.0
o-Cymene	14.10	46.0	ug/l	2544970	4	13.57	2765450	50.0
Indan, 1-methyl-	14.22	44.0	ug/l	2433520	4	13.57	2765450	50.0
Benzene, 1-methyl...	14.81	45.3	ug/l	2506110	4	13.57	2765450	50.0
1H-Indene, 1-methyl-	14.96	39.9	ug/l	2209100	4	13.57	2765450	50.0
Benzene, (3-methy...	15.07	39.3	ug/l	2172080	4	13.57	2765450	50.0
Naphthalene, 1-me...	16.46	143.0	ug/l	7906710	4	13.57	2765450	50.0