

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003491.D
 Acq On : 24 Jun 2018 06:13
 Operator : SY/AP
 Sample : J3670-11
 Misc : 6.03G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB477-19-21-180621

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\82W061318S.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	1.807	28	36	58	rVB	4332070	8767445	66.10%	20.697%
2	2.361	118	127	145	rBV	1220068	2401002	18.10%	5.668%
3	7.172	901	916	940	rBV	5139315	13264353	100.00%	31.313%
4	7.891	1023	1034	1038	rBV	160311	375705	2.83%	0.887%
5	7.952	1038	1044	1053	rVB	281024	634119	4.78%	1.497%
6	8.312	1093	1103	1113	rBV2	204242	518197	3.91%	1.223%
7	8.696	1157	1166	1176	rBV	92298	180937	1.36%	0.427%
8	8.848	1181	1191	1200	rVV	428677	840654	6.34%	1.985%
9	9.336	1258	1271	1279	rBV	79417	188368	1.42%	0.445%
10	10.330	1426	1434	1439	rVV	631238	1125092	8.48%	2.656%
11	10.390	1439	1444	1455	rVV	1794777	3072572	23.16%	7.253%
12	11.659	1640	1652	1659	rBV2	1114127	2781361	20.97%	6.566%
13	11.738	1659	1665	1674	rVB	152097	256754	1.94%	0.606%
14	11.841	1674	1682	1694	rBV	342253	706493	5.33%	1.668%
15	12.171	1724	1736	1748	rBV2	74056	217658	1.64%	0.514%
16	12.628	1805	1811	1819	rVB	472083	793676	5.98%	1.874%
17	12.811	1830	1841	1846	rVB	111945	192663	1.45%	0.455%
18	12.872	1846	1851	1854	rBV	210262	334889	2.52%	0.791%
19	12.908	1854	1857	1859	rVV	163970	236512	1.78%	0.558%
20	12.951	1859	1864	1869	rVB2	321588	579649	4.37%	1.368%
21	13.110	1883	1890	1897	rBV	111586	203249	1.53%	0.480%
22	13.262	1910	1915	1920	rVB	348977	539647	4.07%	1.274%
23	13.378	1925	1934	1941	rBV3	129502	327550	2.47%	0.773%
24	13.451	1941	1946	1950	rBV	168195	248182	1.87%	0.586%
25	13.506	1950	1955	1960	rBV	226140	337237	2.54%	0.796%
26	13.762	1993	1997	2000	rVV2	180785	299115	2.26%	0.706%
27	13.805	2000	2004	2011	rVV4	208814	447633	3.37%	1.057%
28	13.878	2011	2016	2023	rVB	894505	1459155	11.00%	3.445%
29	14.048	2041	2044	2049	rVV	125817	206808	1.56%	0.488%
30	14.103	2049	2053	2058	rVB	99131	154054	1.16%	0.364%
31	14.213	2066	2071	2076	rVB2	137804	217277	1.64%	0.513%
32	14.353	2088	2094	2098	rBV2	87274	147239	1.11%	0.348%
33	14.469	2109	2113	2117	rVB	103619	148947	1.12%	0.352%
34	14.804	2162	2168	2176	rBV2	76592	156124	1.18%	0.369%

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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

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Title : SW846 8260

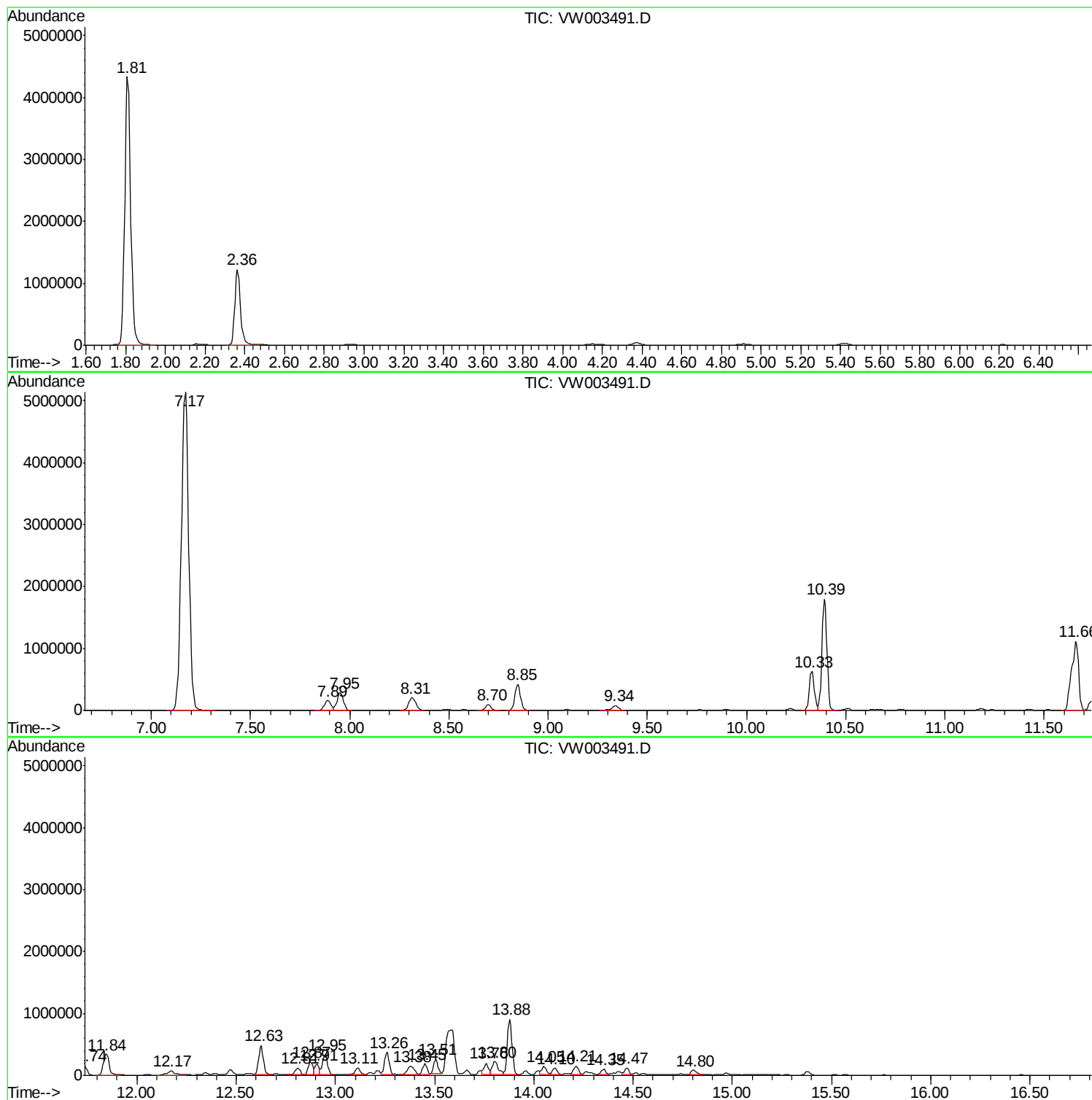
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260

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



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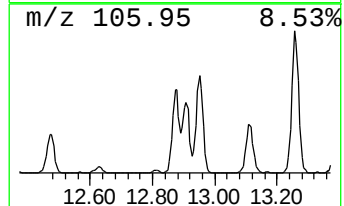
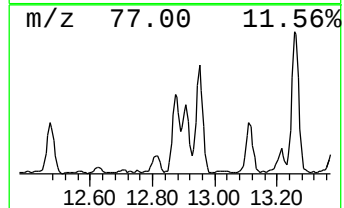
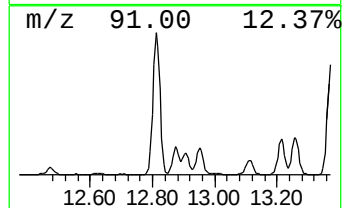
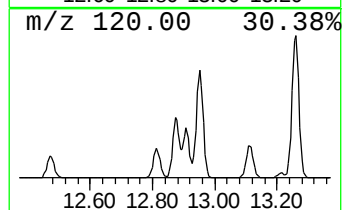
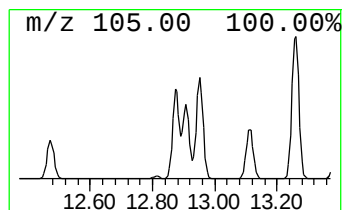
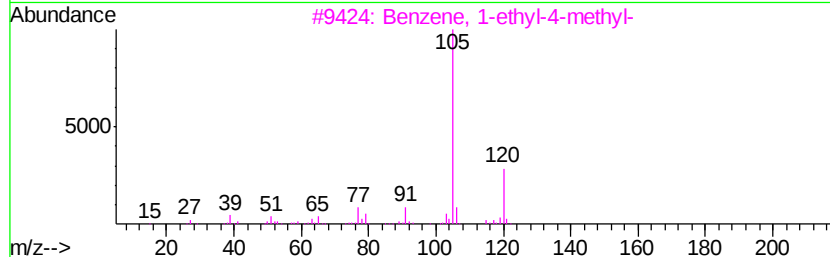
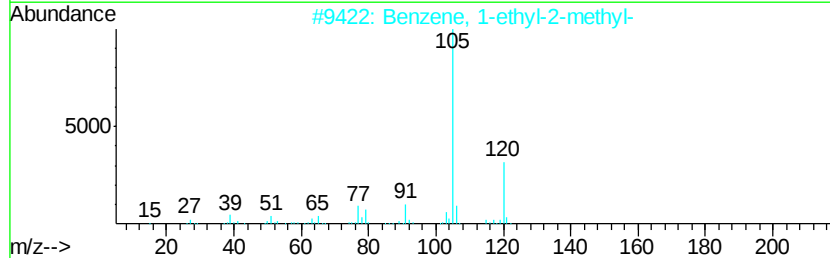
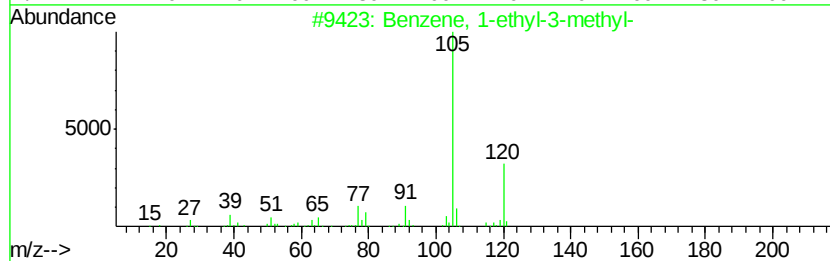
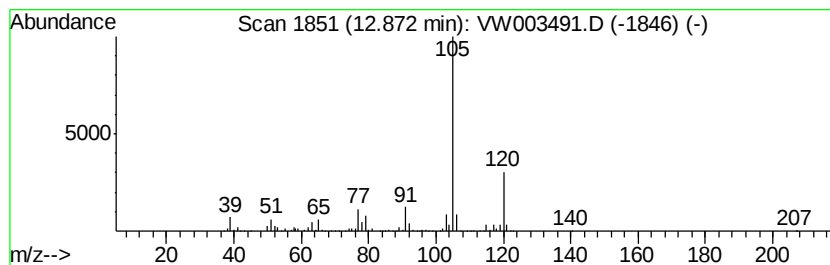
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	49.65 ug/l	334889	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	97
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-19-21-180621

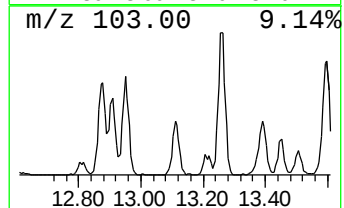
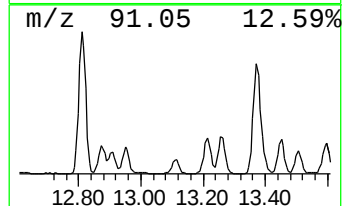
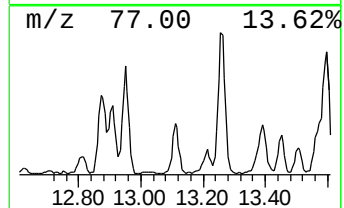
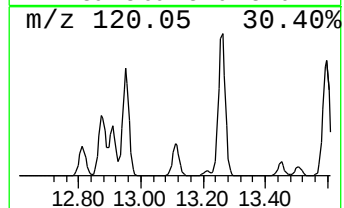
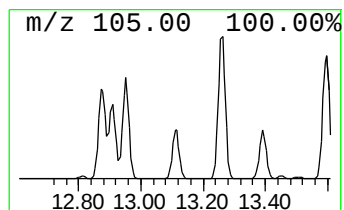
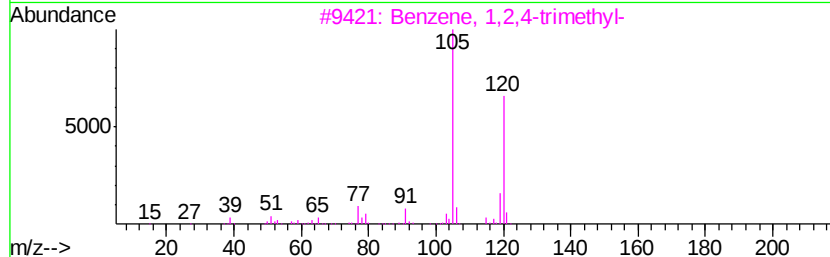
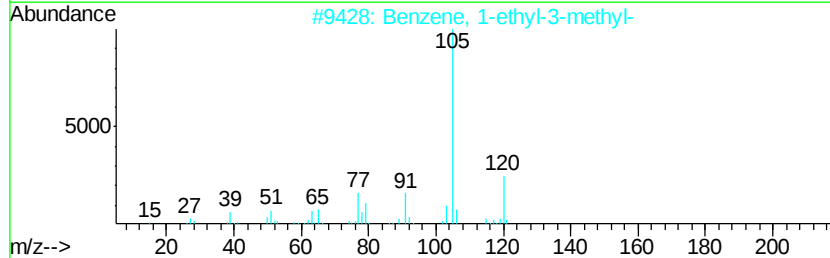
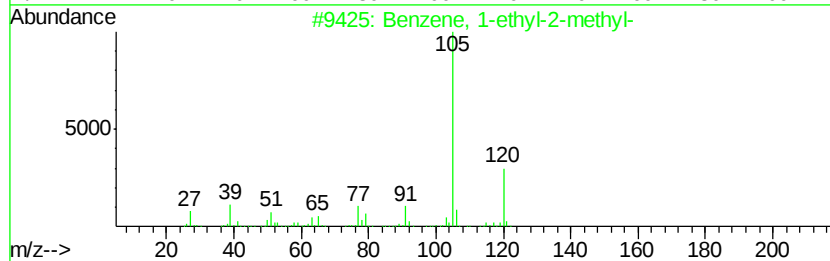
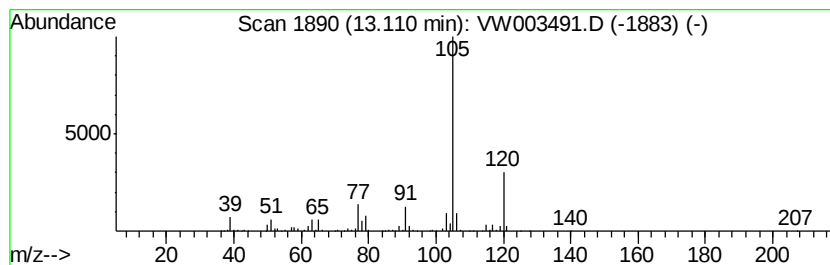
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	30.13 ug/l	203249	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Mesitylene	120	C9H12	000108-67-8	91



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ALS Vial : 45 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WP021SB477-19-21-180621

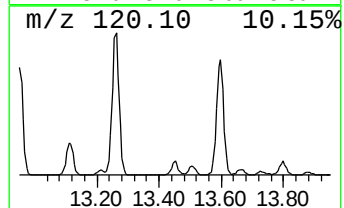
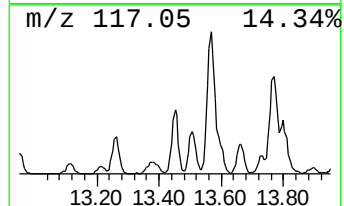
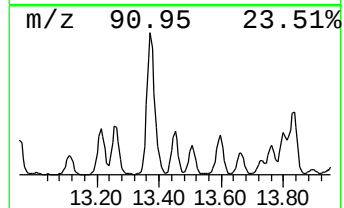
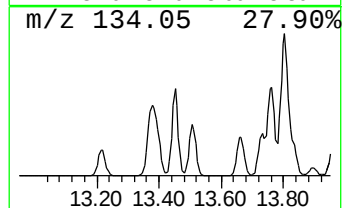
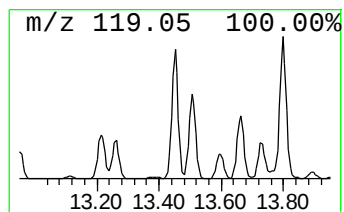
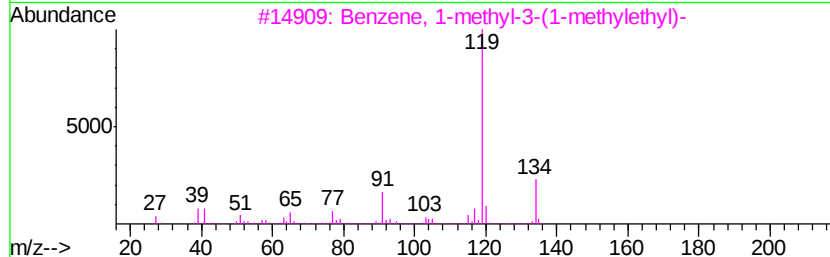
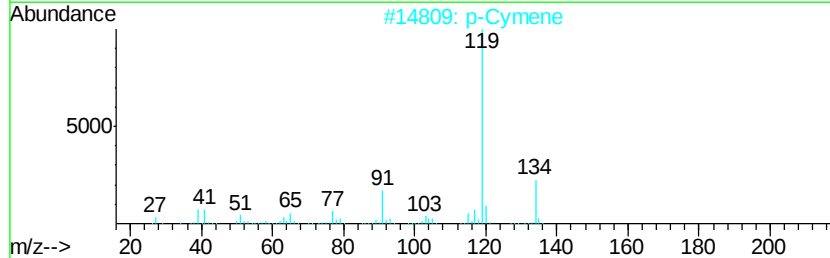
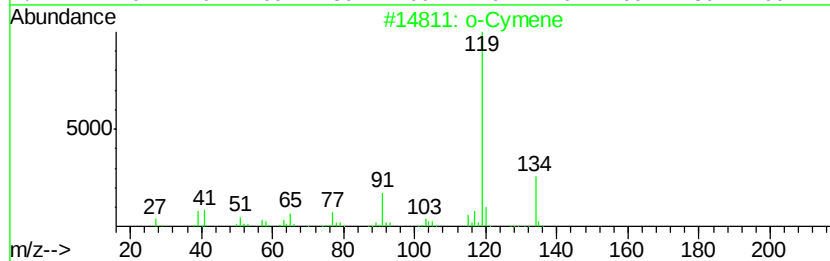
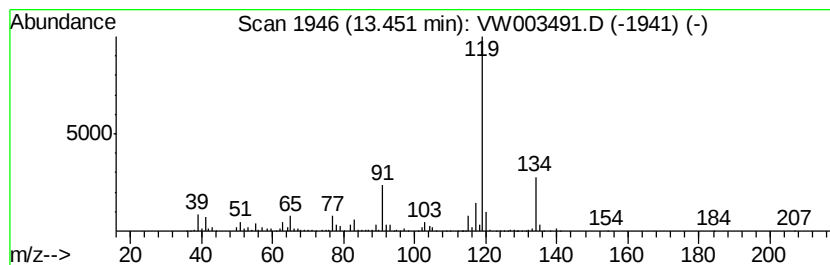
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Quant Title : SW846 8260

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

Peak Number 4 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	36.80 ug/l	248182	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	97
2		p-Cymene	134	C10H14	000099-87-6	97
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91



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Instrument :
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ClientSampleId :
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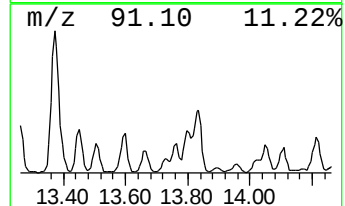
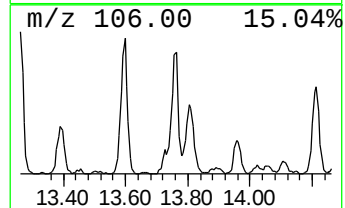
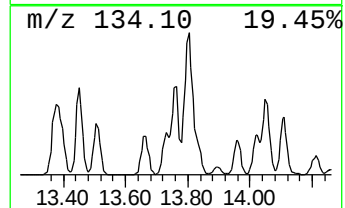
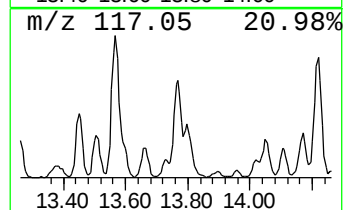
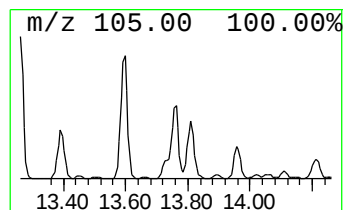
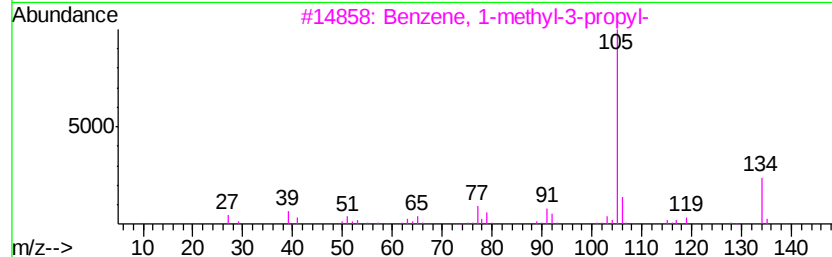
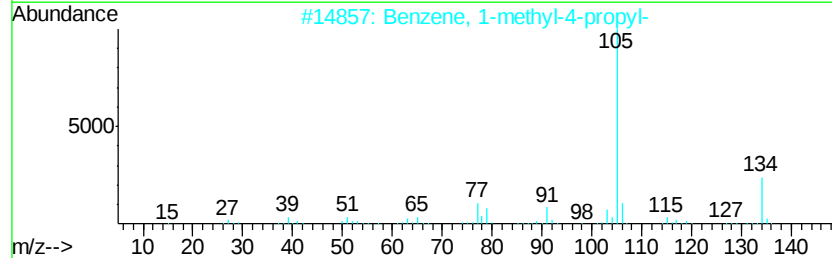
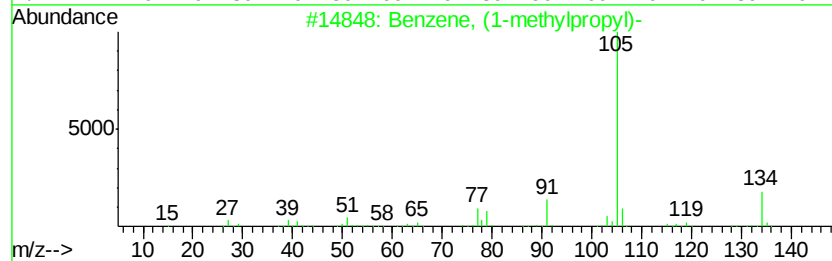
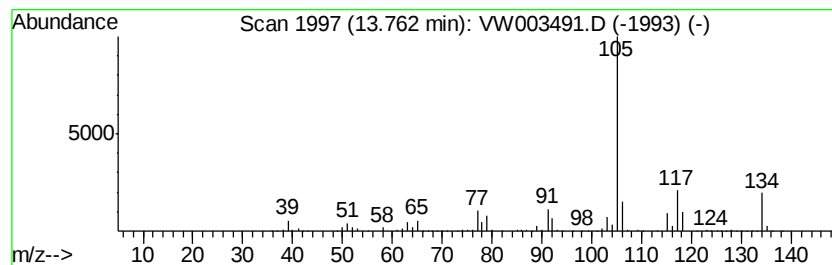
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, (1-methylpropyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	44.35 ug/l	299115	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	64
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64
3		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	64
4		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	58
5		2-Indanol	134	C9H10O	004254-29-9	49



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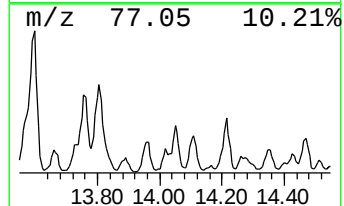
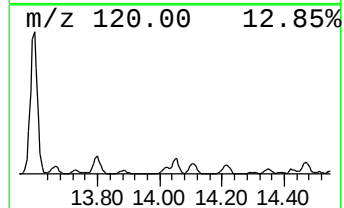
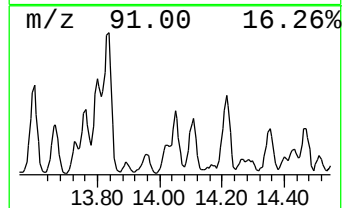
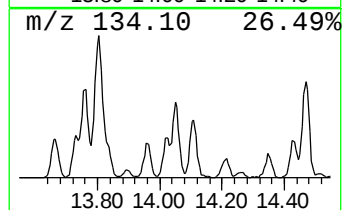
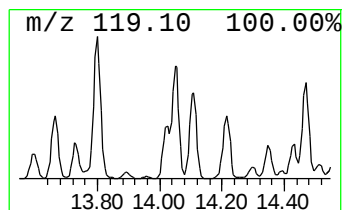
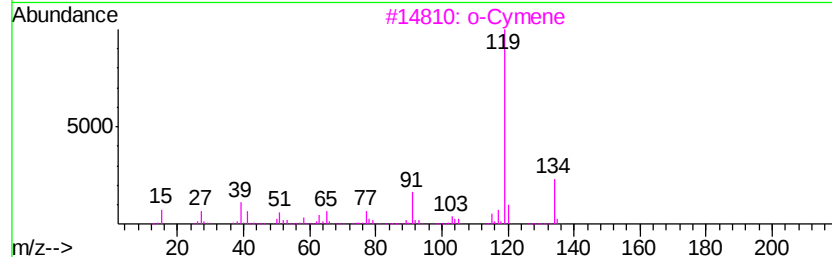
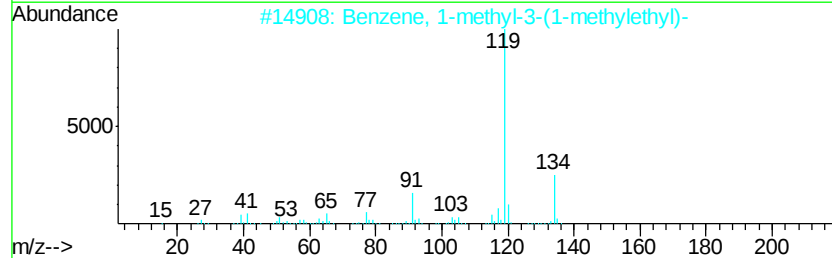
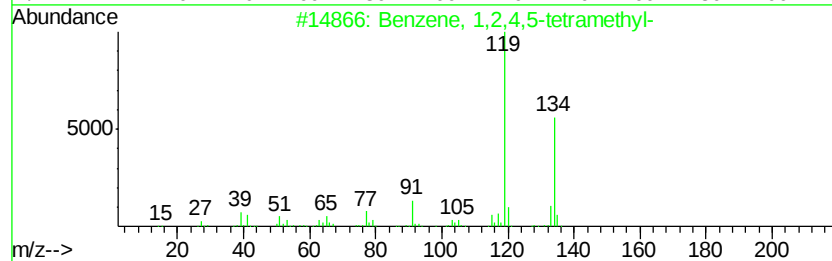
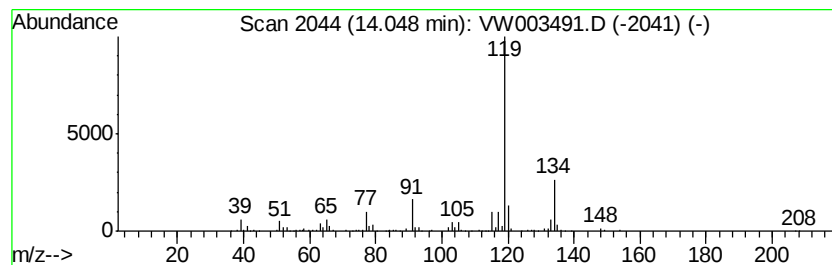
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	30.66 ug/l	206808	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2		Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	93
3		o-Cymene	134	C10H14	000527-84-4	93
4		p-Cymene	134	C10H14	000099-87-6	93
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062318\
Data File : VW003491.D
Acq On : 24 Jun 2018 06:13
Operator : SY/AP
Sample : J3670-11
Misc : 6.03G/5ML/MSVOA W/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-19-21-180621

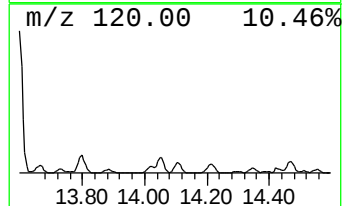
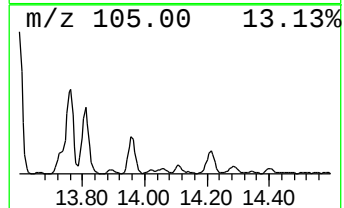
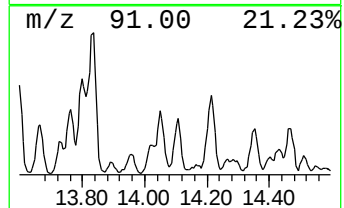
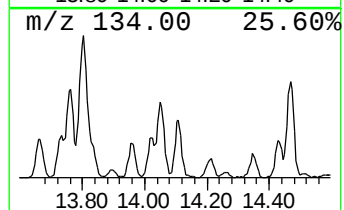
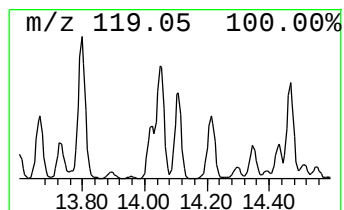
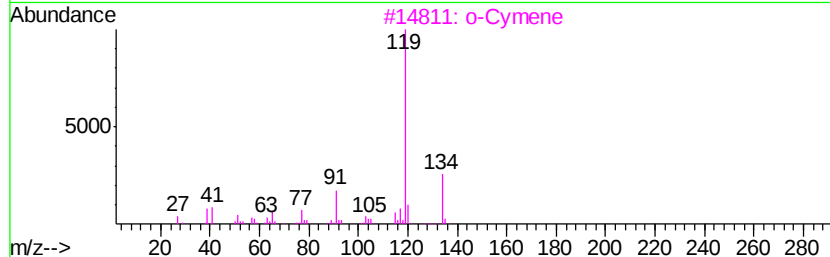
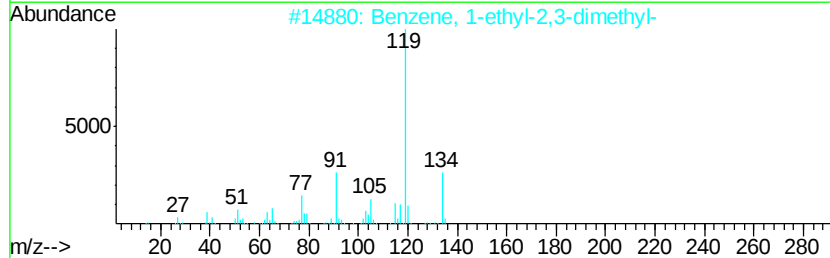
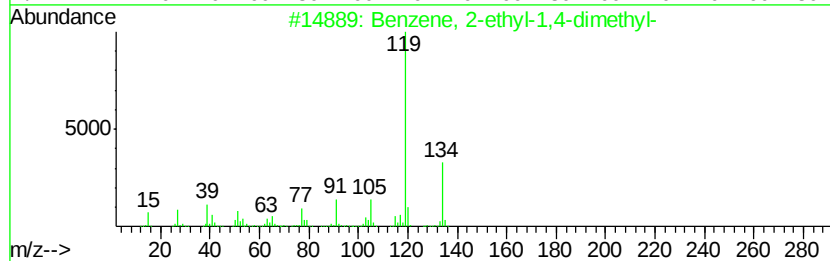
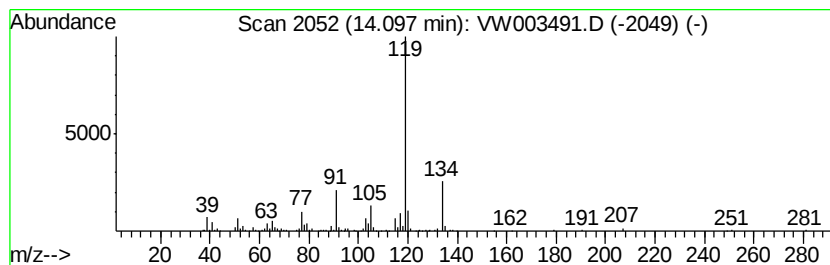
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	22.84 ug/l	154054	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	95
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3		o-Cymene	134	C10H14	000527-84-4	94
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062318\
Data File : VW003491.D
Acq On : 24 Jun 2018 06:13
Operator : SY/AP
Sample : J3670-11
Misc : 6.03G/5ML/MSVOA W/SOIL
ALS Vial : 45 Sample Multiplier: 1

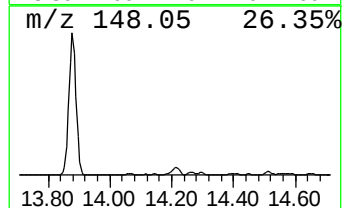
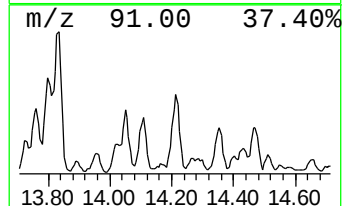
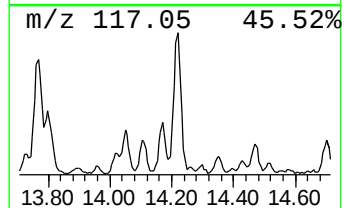
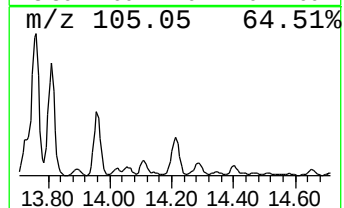
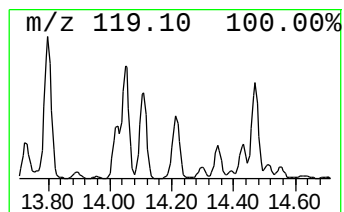
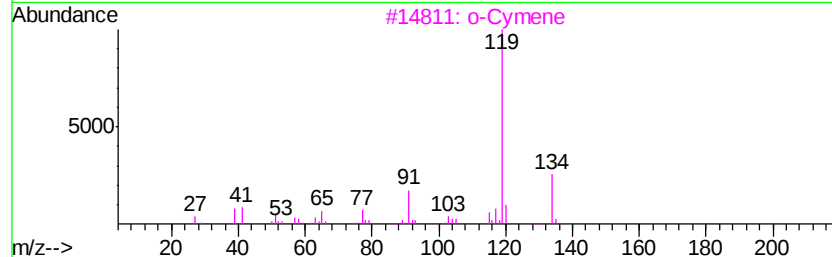
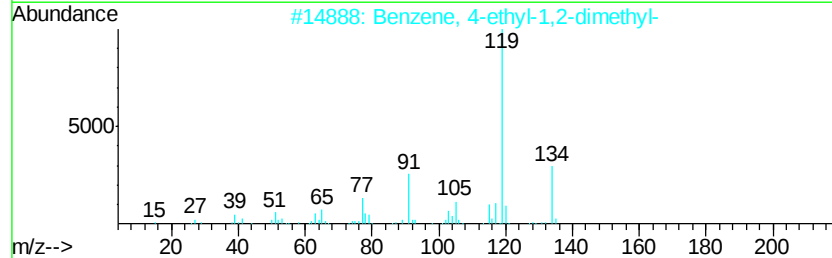
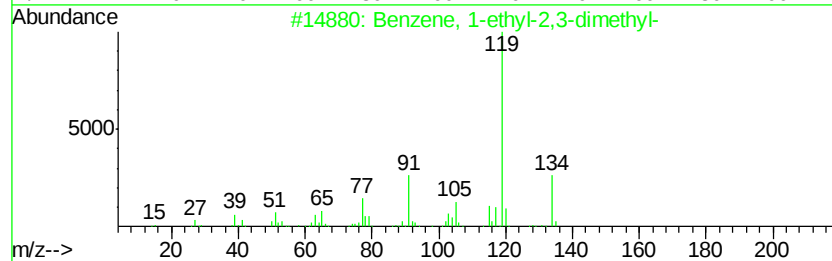
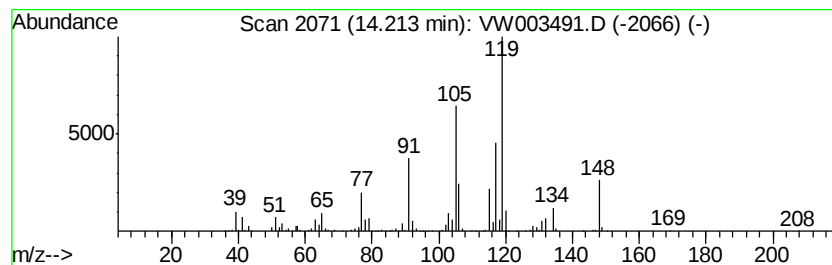
Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-19-21-180621

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	32.21 ug/l	217277	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethyl-2,3-dimethyl-	134 C10H14	000933-98-2 64
2		Benzene, 4-ethyl-1,2-dimethyl-	134 C10H14	000934-80-5 64
3		o-Cymene	134 C10H14	000527-84-4 60
4		Benzene, 1-ethyl-2,4-dimethyl-	134 C10H14	000874-41-9 58
5		p-Cymene	134 C10H14	000099-87-6 53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062318\
Data File : VW003491.D
Acq On : 24 Jun 2018 06:13
Operator : SY/AP
Sample : J3670-11
Misc : 6.03G/5ML/MSVOA W/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-19-21-180621

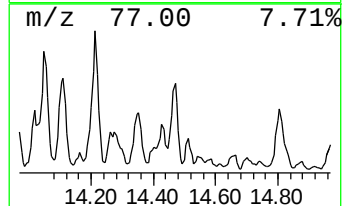
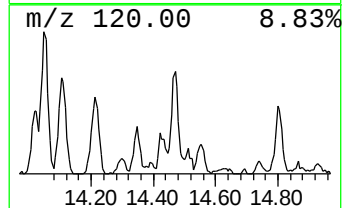
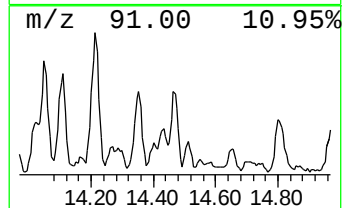
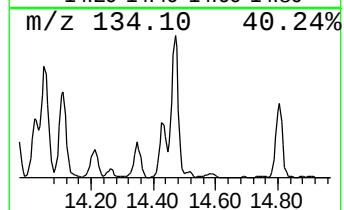
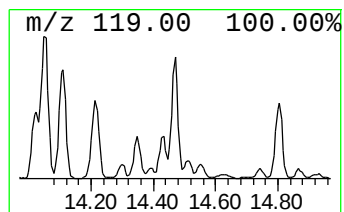
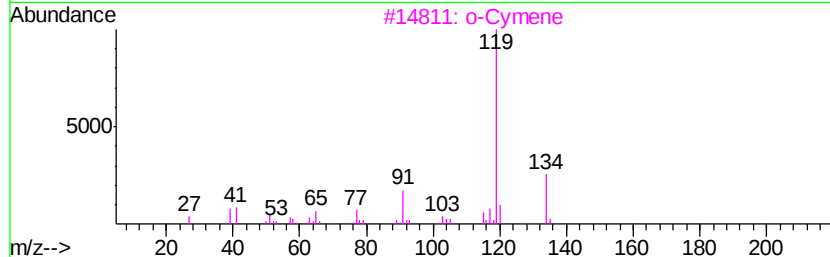
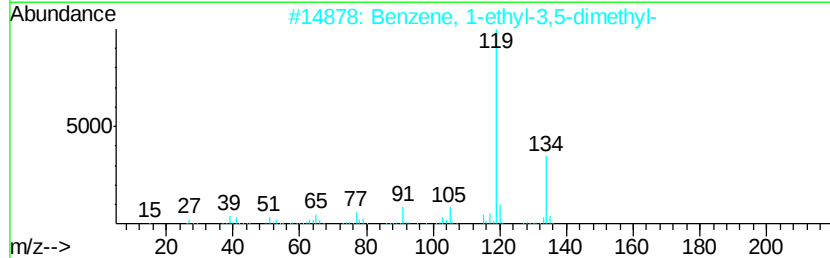
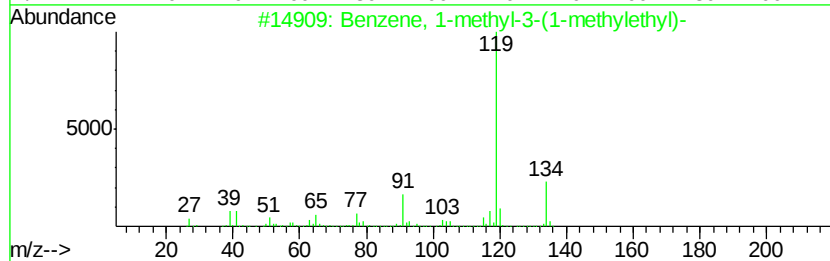
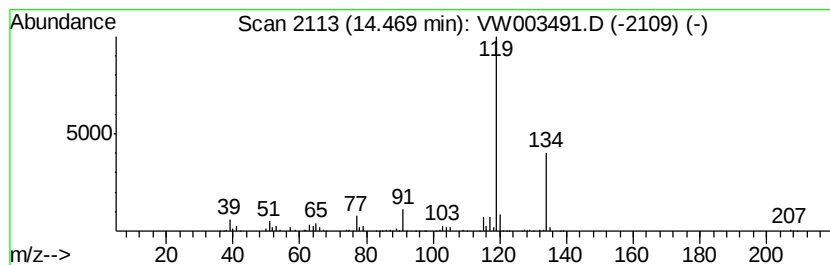
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1-methyl-3-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	22.08 ug/l	148947	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3		o-Cymene	134	C10H14	000527-84-4	91
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
Data File : VW003491.D
Acq On : 24 Jun 2018 06:13
Operator : SY/AP
Sample : J3670-11
Misc : 6.03G/5ML/MSVOA_W/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-19-21-180621

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.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	49.6	ug/l	334889	4	13.57	337237	50.0
Benzene, 1-ethyl-...	13.11	30.1	ug/l	203249	4	13.57	337237	50.0
o-Cymene	13.45	36.8	ug/l	248182	4	13.57	337237	50.0
Benzene, (1-methy...	13.76	44.4	ug/l	299115	4	13.57	337237	50.0
Benzene, 1,2,4,5-...	14.05	30.7	ug/l	206808	4	13.57	337237	50.0
Benzene, 2-ethyl-...	14.10	22.8	ug/l	154054	4	13.57	337237	50.0
Benzene, 1-ethyl-...	14.21	32.2	ug/l	217277	4	13.57	337237	50.0
Benzene, 1-methyl...	14.47	22.1	ug/l	148947	4	13.57	337237	50.0