

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
 Data File : VY000777.D
 Acq On : 21 Nov 2019 18:39
 Operator : SY/MD
 Sample : K5959-09
 Misc : 4.90G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WS-112019-0-1-GRAB-B2

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_Y\METHODS\82Y103019S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.797	988	994	1004	rVB	371673	836863	1.48%	0.664%
2	8.151	1044	1052	1063	rVB2	259888	637048	1.13%	0.506%
3	8.693	1131	1141	1155	rBV	602848	1196965	2.11%	0.950%
4	10.181	1377	1385	1391	rBV	954803	1636551	2.89%	1.299%
5	11.485	1592	1599	1607	rBV	768428	1251715	2.21%	0.994%
6	11.693	1623	1633	1645	rVV	1189957	2081149	3.68%	1.653%
7	12.028	1681	1688	1696	rVB	926204	1523801	2.69%	1.210%
8	12.479	1756	1762	1772	rVB	529466	809182	1.43%	0.643%
9	12.729	1797	1803	1807	rBV	915337	1454280	2.57%	1.155%
10	12.808	1812	1816	1822	rVB	1465741	2122016	3.75%	1.685%
11	12.967	1835	1842	1850	rBV	306882	580412	1.03%	0.461%
12	13.119	1860	1867	1872	rBV	2436445	3658524	6.46%	2.905%
13	13.339	1900	1903	1912	rVB2	326635	663349	1.17%	0.527%
14	13.424	1912	1917	1919	rBV	549686	863730	1.53%	0.686%
15	13.455	1919	1922	1926	rVB	837496	1154437	2.04%	0.917%
16	13.625	1937	1950	1954	rBV	3929784	6404165	11.31%	5.085%
17	13.662	1954	1956	1963	rVB2	651936	782770	1.38%	0.622%
18	13.808	1974	1980	1987	rBV	805263	1292940	2.28%	1.027%
19	13.967	2001	2006	2011	rVB	507708	732644	1.29%	0.582%
20	14.076	2019	2024	2030	rBV	961247	1423337	2.51%	1.130%
21	14.265	2050	2055	2057	rBV	513942	761546	1.35%	0.605%
22	14.296	2057	2060	2063	rVV	414372	625683	1.11%	0.497%
23	14.333	2063	2066	2068	rVV	508879	764456	1.35%	0.607%
24	14.363	2068	2071	2078	rVV2	721878	1471509	2.60%	1.168%
25	14.564	2099	2104	2109	rBV	878712	1316700	2.33%	1.046%
26	14.680	2116	2123	2129	rBV2	1502132	2791753	4.93%	2.217%
27	14.942	2156	2166	2170	rBV4	266895	649365	1.15%	0.516%
28	15.052	2175	2184	2194	rVB3	227685	670759	1.19%	0.533%
29	15.162	2194	2202	2205	rBV	401260	754986	1.33%	0.599%
30	15.235	2207	2214	2222	rVB	28975314	56602587	100.00%	44.944%
31	15.332	2222	2230	2237	rBV	1244160	2472816	4.37%	1.964%
32	16.289	2379	2387	2400	rVV	7694459	15822697	27.95%	12.564%
33	16.485	2411	2419	2430	rVB	4897425	10128418	17.89%	8.042%

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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WS-112019-0-1-GRAB-B2

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_Y\METHODS\82Y103019S.M
Title : SW846 8260

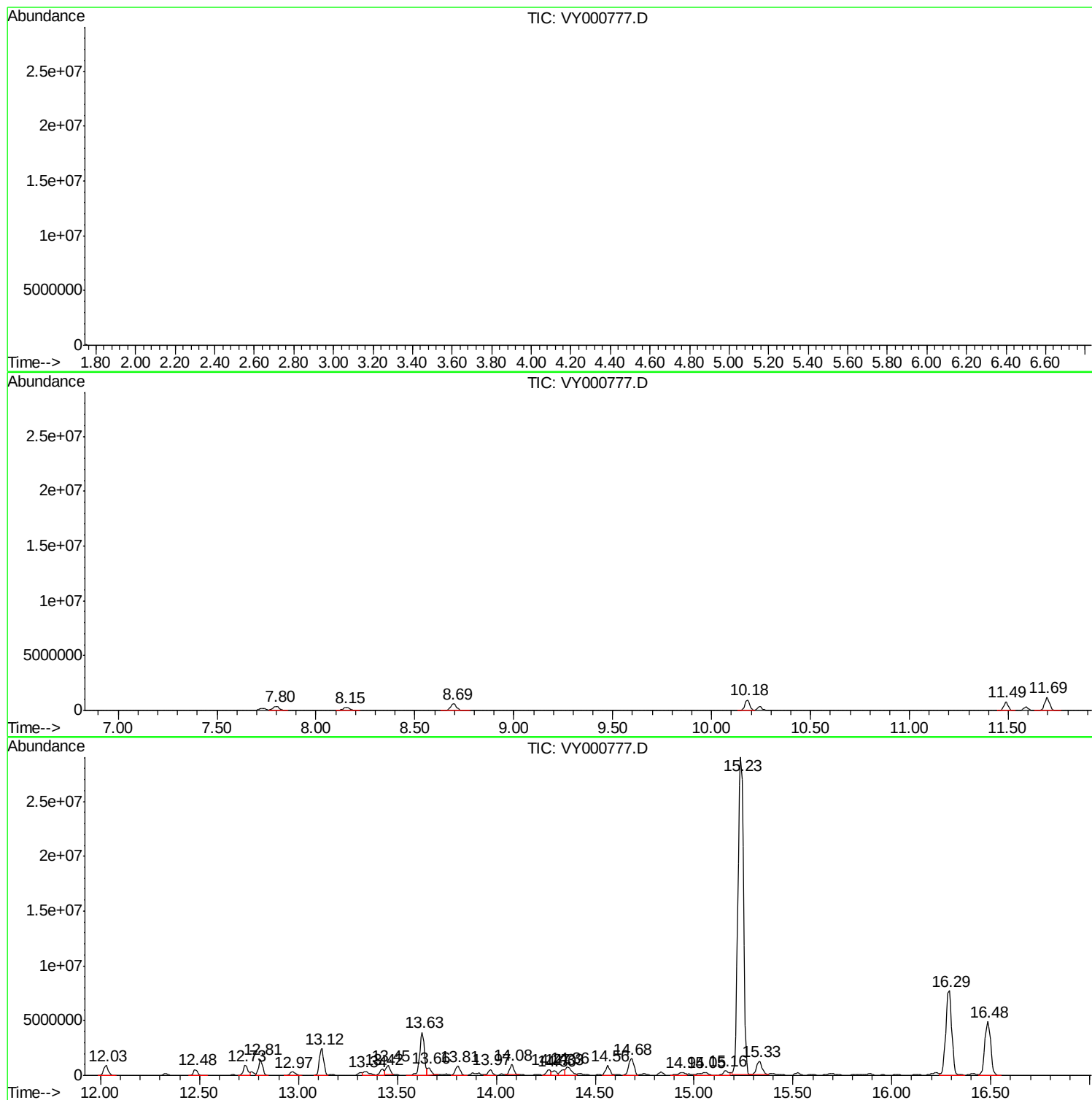
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

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



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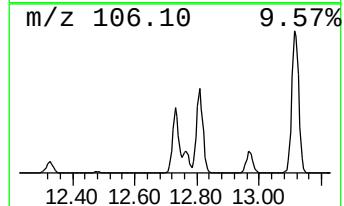
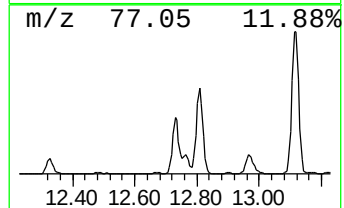
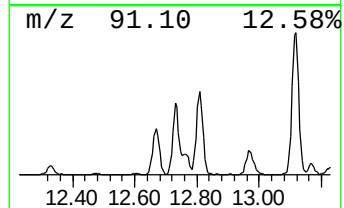
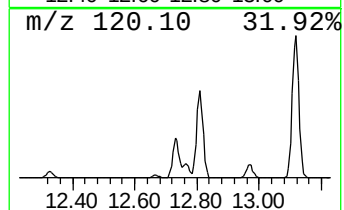
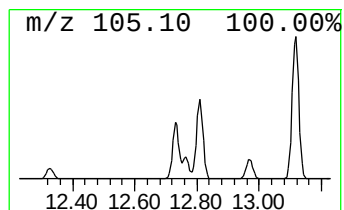
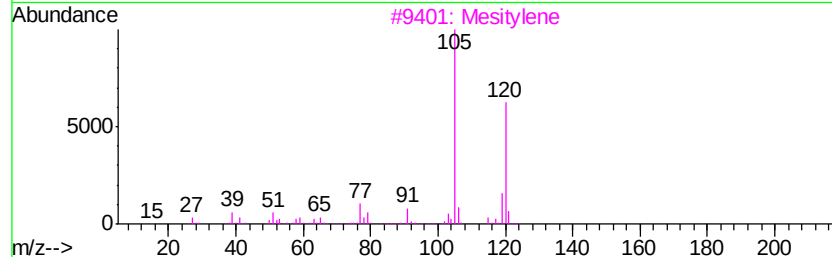
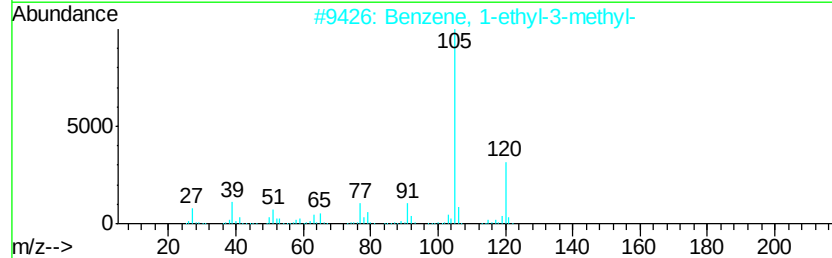
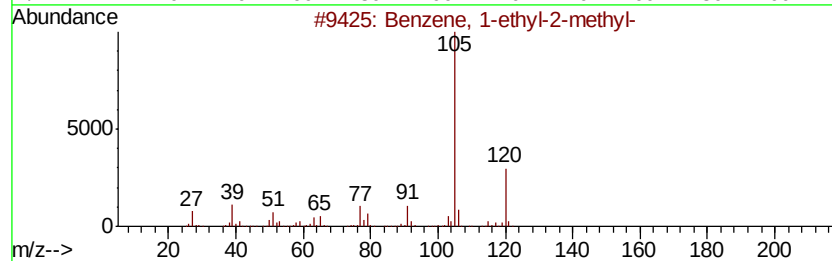
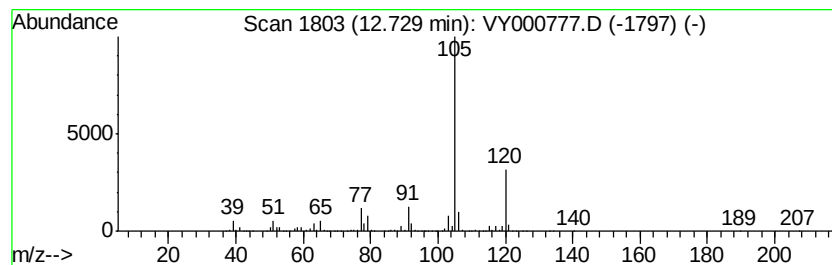
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	84.19 ug/l	1454280	1,4-Dichlorobenzene-d4	13.42

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	95
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



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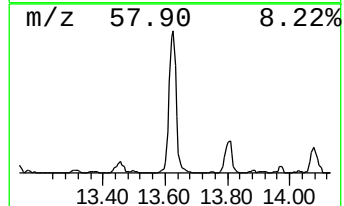
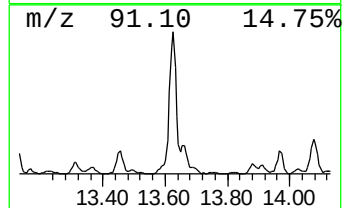
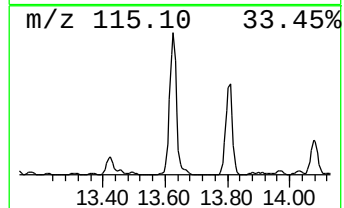
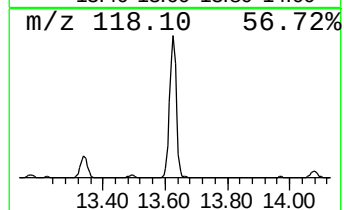
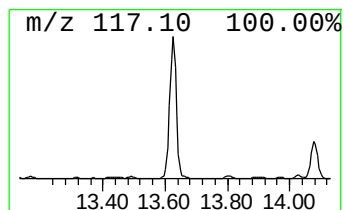
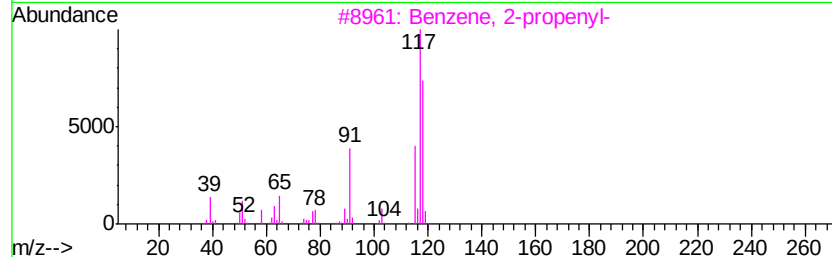
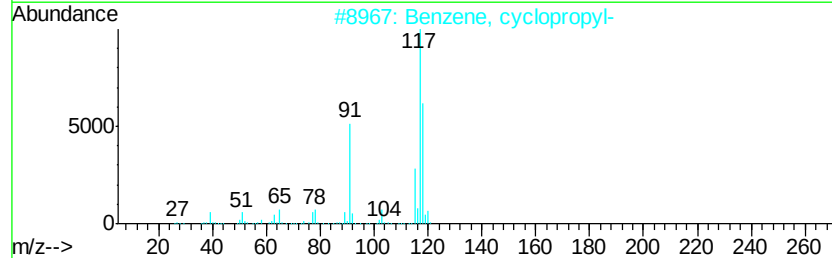
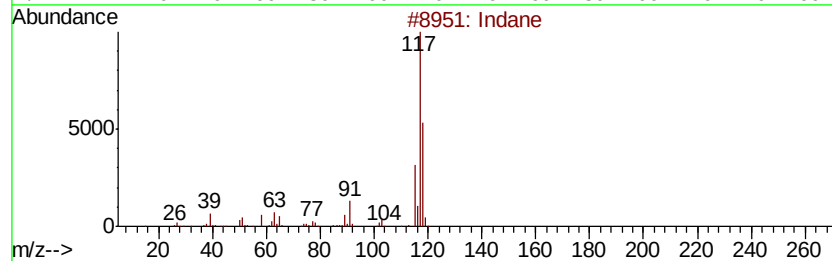
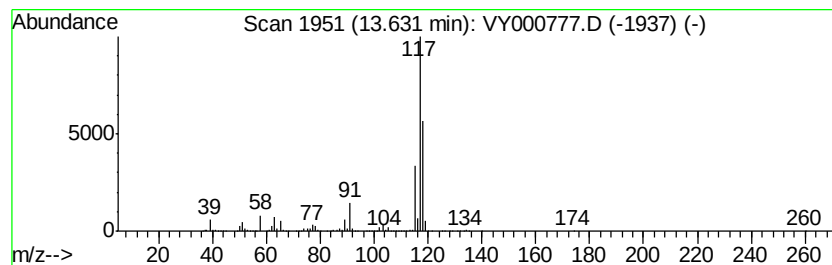
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

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

Peak Number 2 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	370.73 ug/l	6404170	1,4-Dichlorobenzene-d4	13.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-		118	C9H10	000873-49-4	83
3	Benzene, 2-propenyl-		118	C9H10	000300-57-2	83
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	...	118	C9H10	1000191-13-7	80
5	Deltacyclene		118	C9H10	007785-10-6	74



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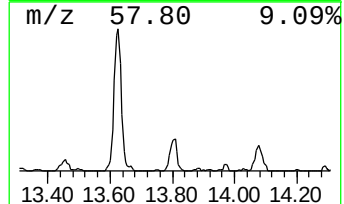
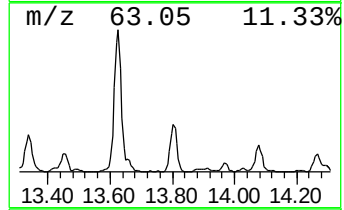
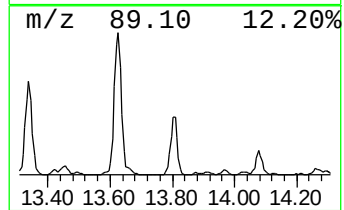
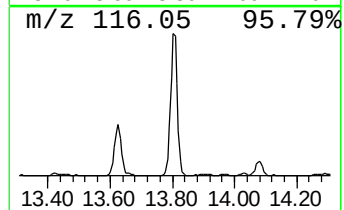
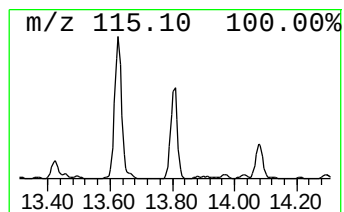
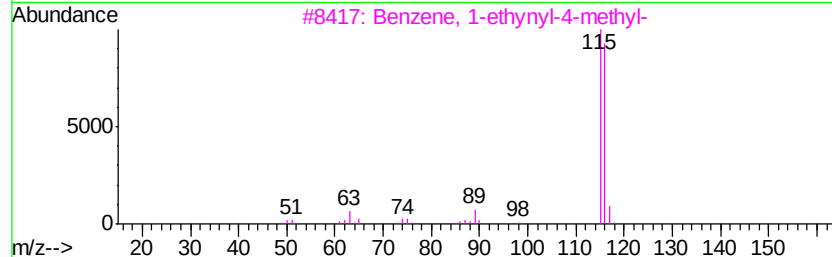
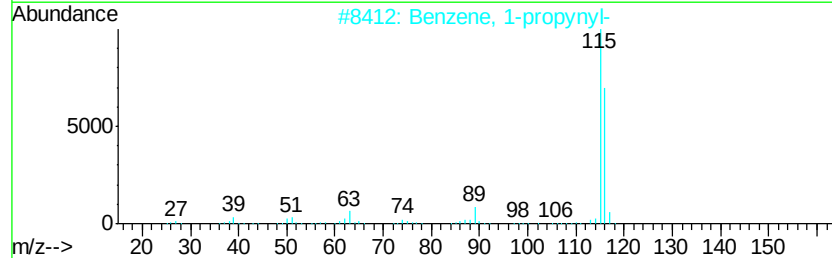
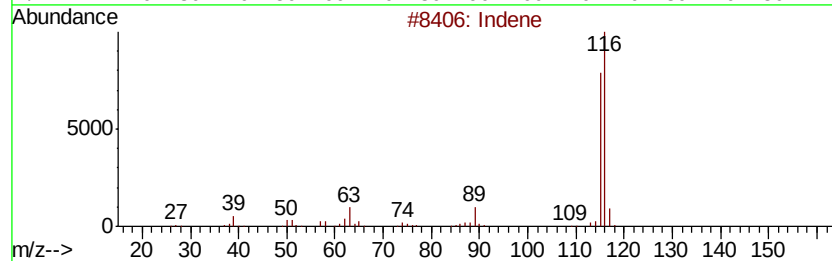
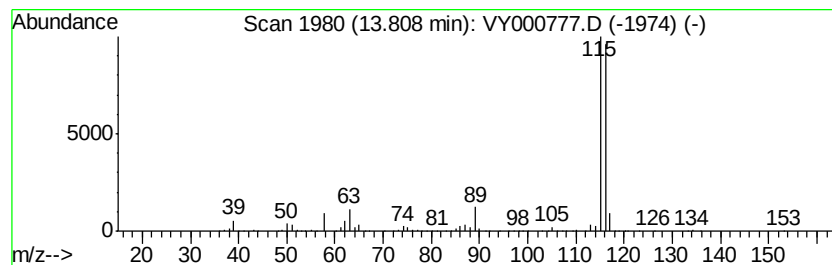
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Indene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	74.85 ug/l	1292940	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Indene		116 C9H8	000095-13-6 97
2	Benzene, 1-propynyl-		116 C9H8	000673-32-5 93
3	Benzene, 1-ethynyl-4-methyl-		116 C9H8	000766-97-2 90
4	3-Methylphenylacetylene		116 C9H8	000766-82-5 90
5	2-Methylphenylacetylene		116 C9H8	000766-47-2 90



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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WS-112019-0-1-GRAB-B2

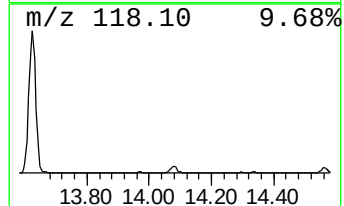
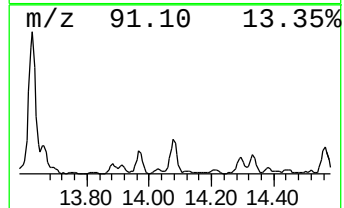
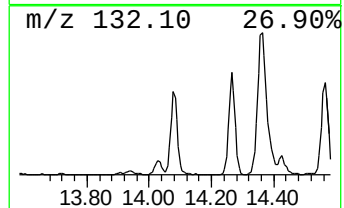
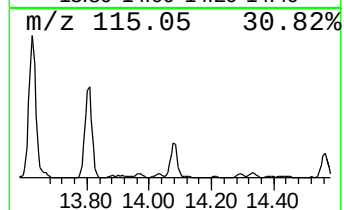
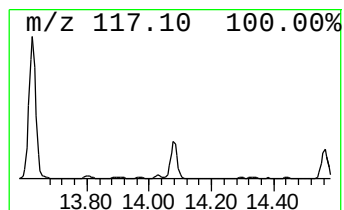
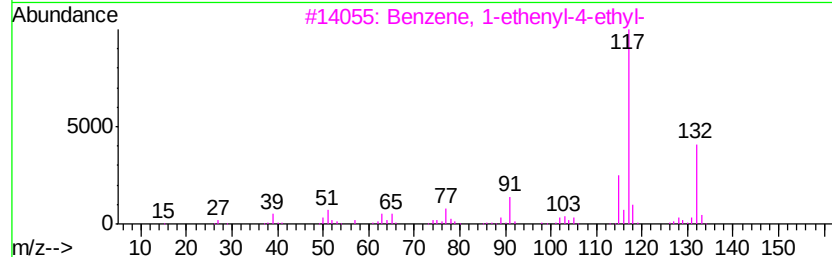
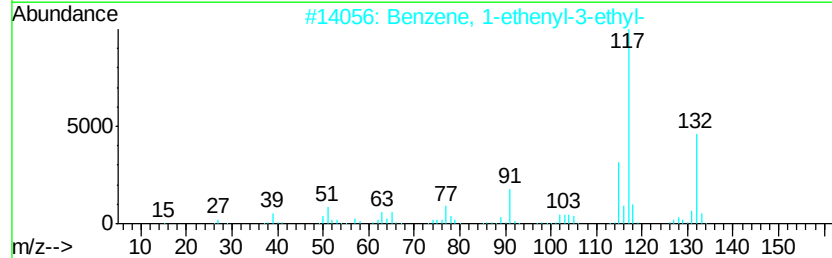
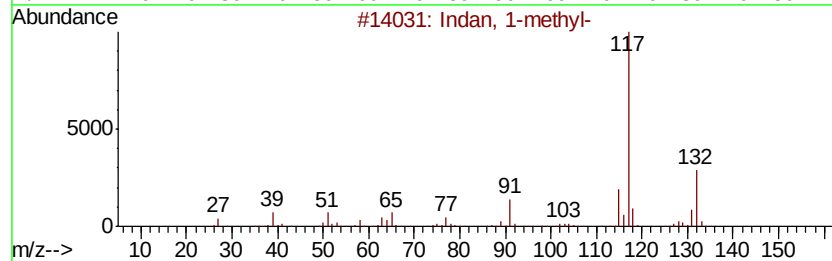
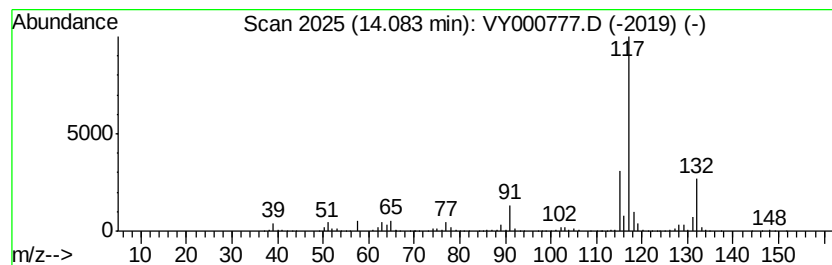
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

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

Peak Number 4 Indan, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	82.39 ug/l	1423340	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	83



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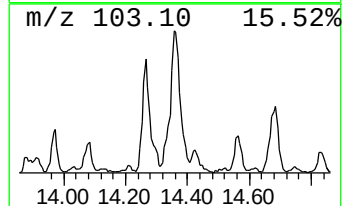
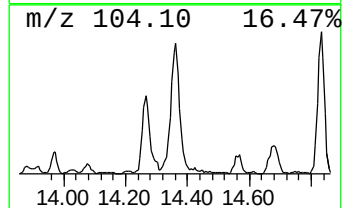
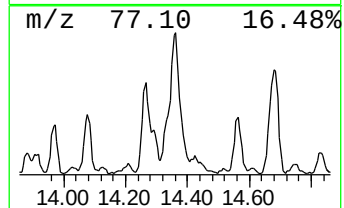
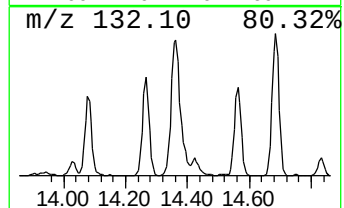
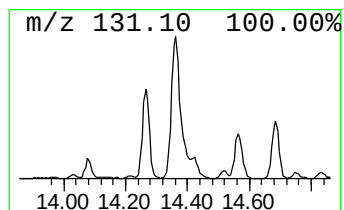
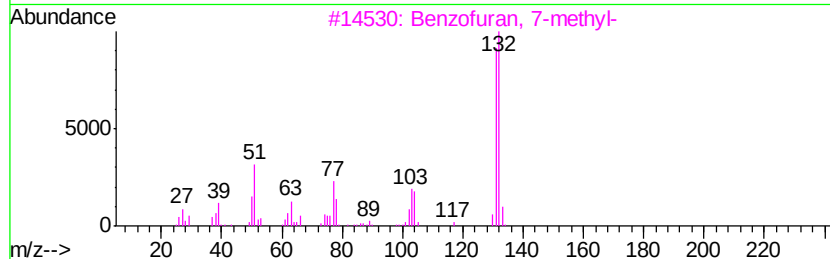
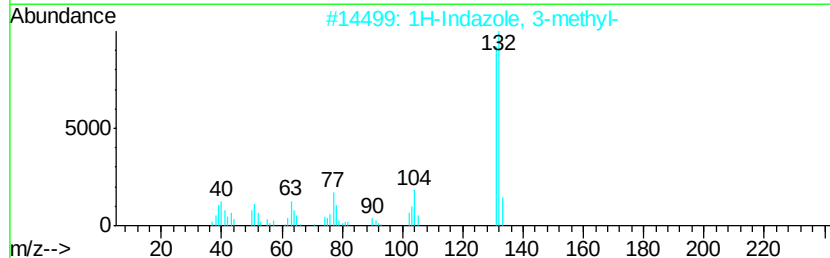
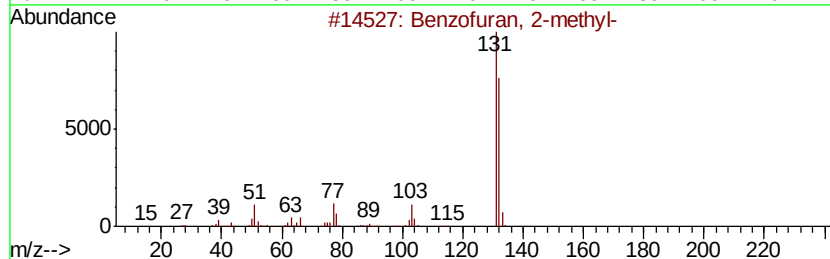
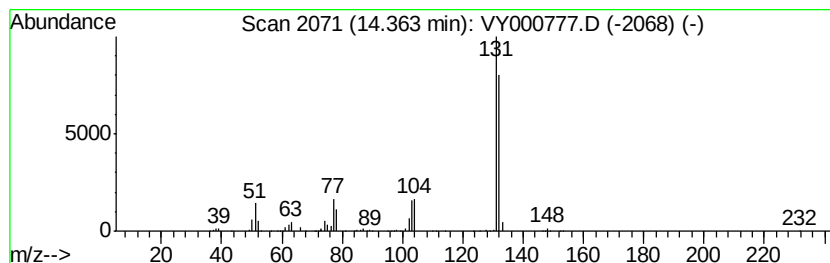
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Quant Title : SW846 8260

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

Peak Number 5 Benzofuran, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	85.18 ug/l	1471510	1,4-Dichlorobenzene-d4	13.42

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	1H-Indazole, 3-methyl-	132	C8H8N2	1000316-00-2	90
3	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	90
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87
5	5-Methylbenzimidazole	132	C8H8N2	000614-97-1	78



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Misc : 4.90G/5ML/MSVOA Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WS-112019-0-1-GRAB-B2

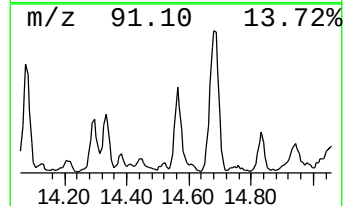
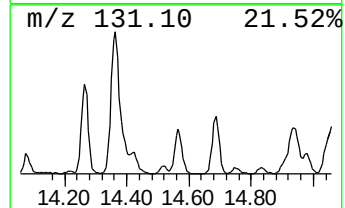
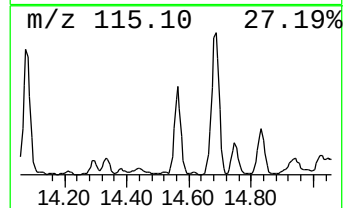
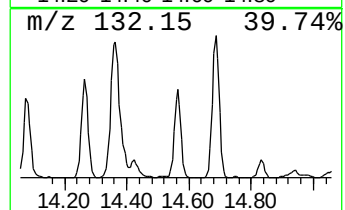
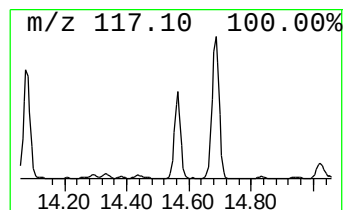
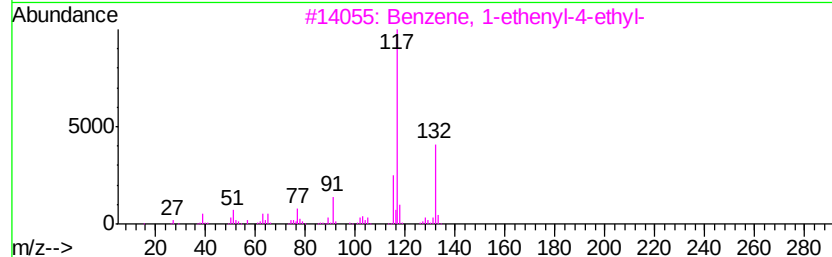
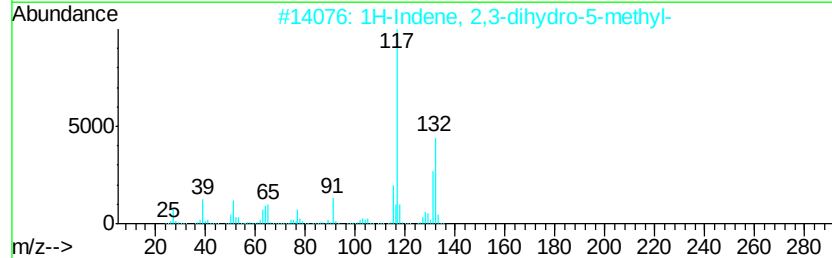
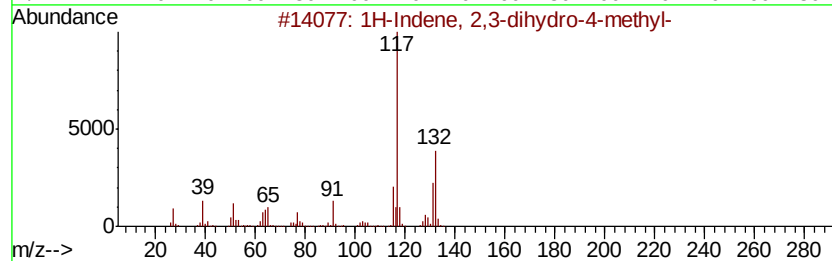
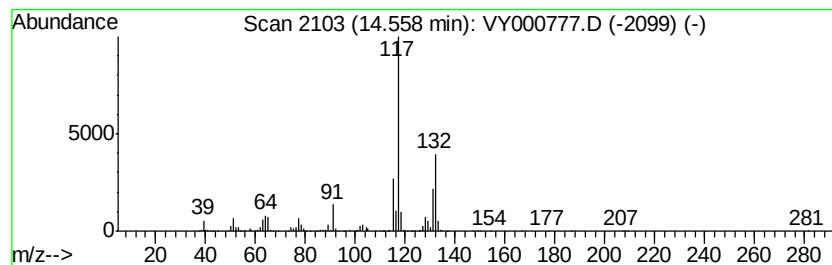
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Quant Title : SW846 8260

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

Peak Number 6 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	76.22 ug/l	1316700	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	95
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5		Indan, 1-methyl-	132	C10H12	000767-58-8	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
Data File : VY000777.D
Acq On : 21 Nov 2019 18:39
Operator : SY/MD
Sample : K5959-09
Misc : 4.90G/5ML/MSVOA Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

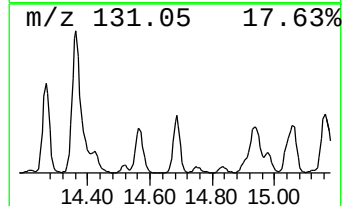
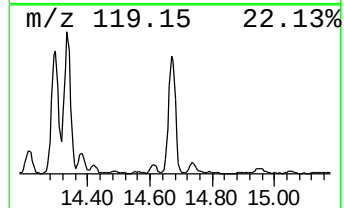
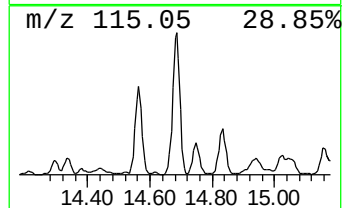
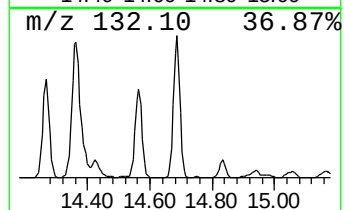
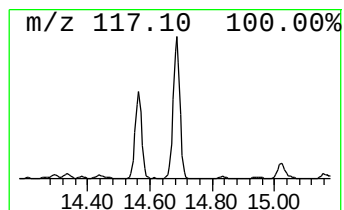
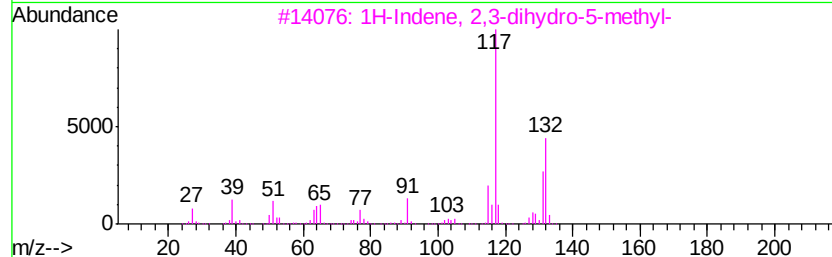
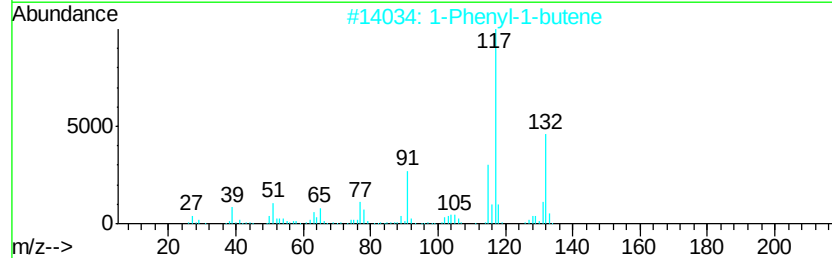
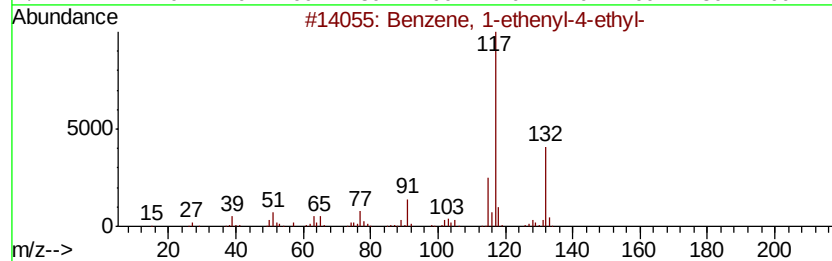
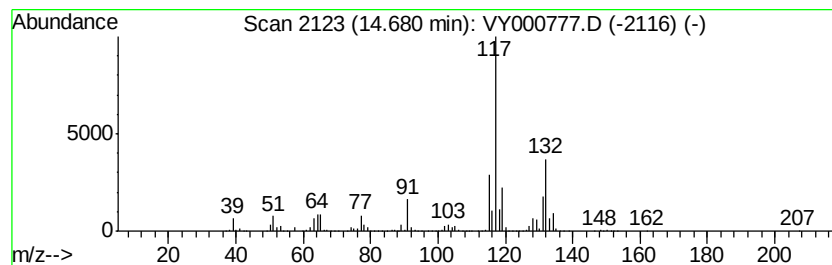
Instrument :
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ClientSampleId :
WS-112019-0-1-GRAB-B2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	161.61 ug/l	2791750	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethenyl-4-ethyl-	132 C10H12	003454-07-7 94
2		1-Phenyl-1-butene	132 C10H12	000824-90-8 91
3		1H-Indene, 2,3-dihydro-5-methyl-	132 C10H12	000874-35-1 87
4		3-Phenylbut-1-ene	132 C10H12	000934-10-1 87
5		Benzene, 1-methyl-2-(2-propenyl)-	132 C10H12	001587-04-8 87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
Data File : VY000777.D
Acq On : 21 Nov 2019 18:39
Operator : SY/MD
Sample : K5959-09
Misc : 4.90G/5ML/MSVOA Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

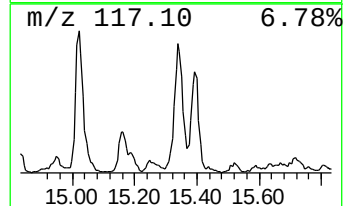
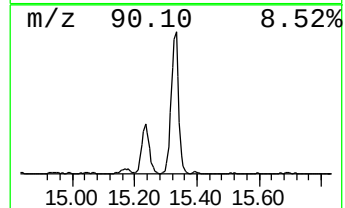
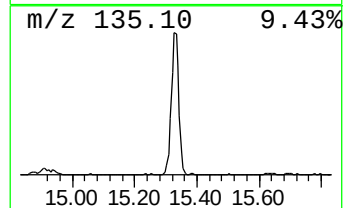
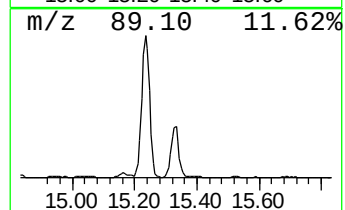
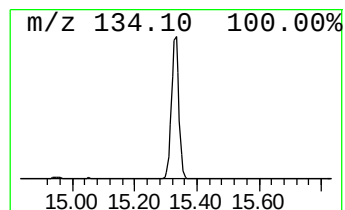
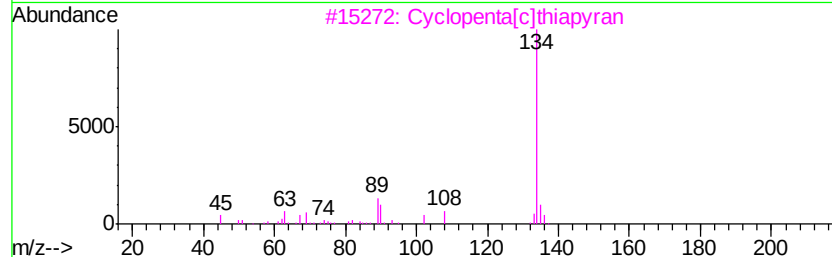
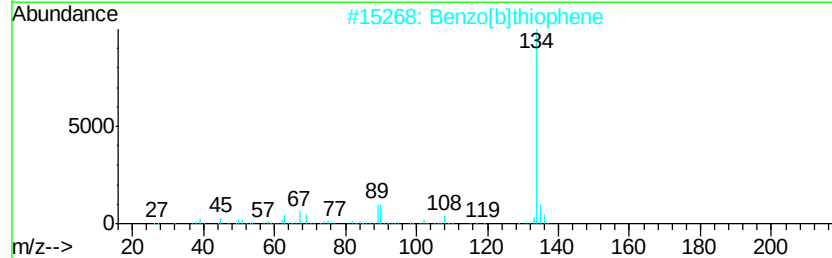
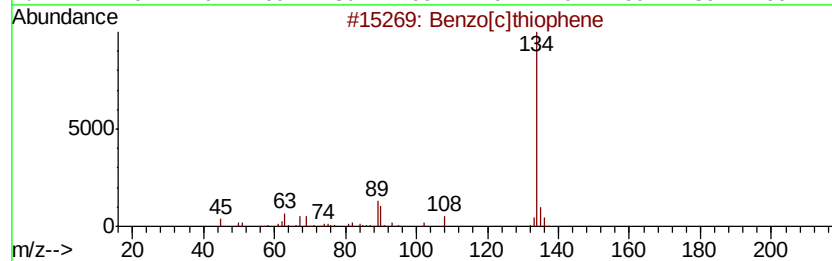
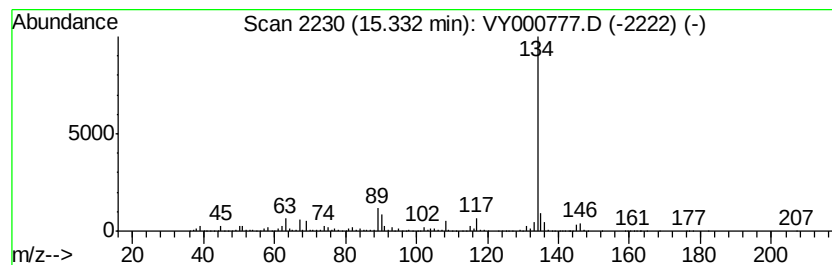
Instrument :
MSVOA_Y
ClientSampleId :
WS-112019-0-1-GRAB-B2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzo[c]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	143.15 ug/l	2472820	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzo[c]thiophene	134 C8H6S	000270-82-6	95
2	Benzo[b]thiophene	134 C8H6S	000095-15-8	94
3	Cyclopenta[c]thiapyran	134 C8H6S	000270-63-3	93
4	Thiazolidin-4-one, 5-benzylideno...	287 C13H9N3O2S	351062-07-2	45
5	[1]Benzothieno[2',3':3,4]cyclobu...	246 C13H10O3S	034002-19-2	40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
Data File : VY000777.D
Acq On : 21 Nov 2019 18:39
Operator : SY/MD
Sample : K5959-09
Misc : 4.90G/5ML/MSVOA Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

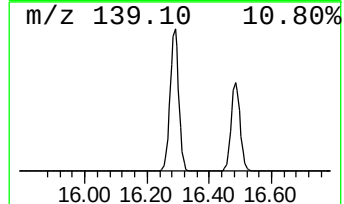
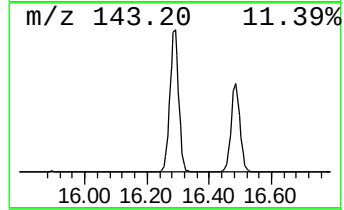
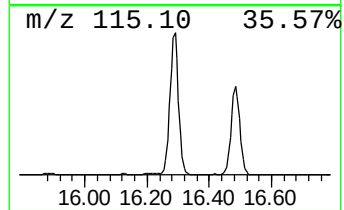
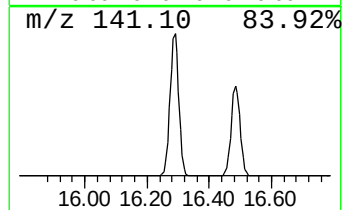
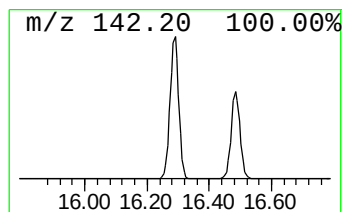
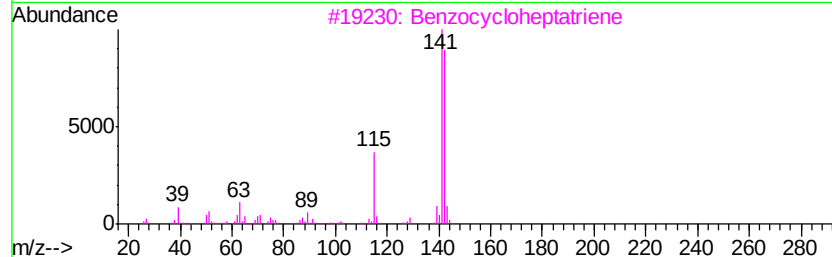
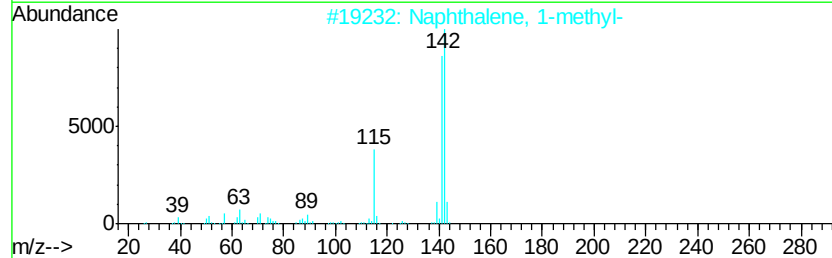
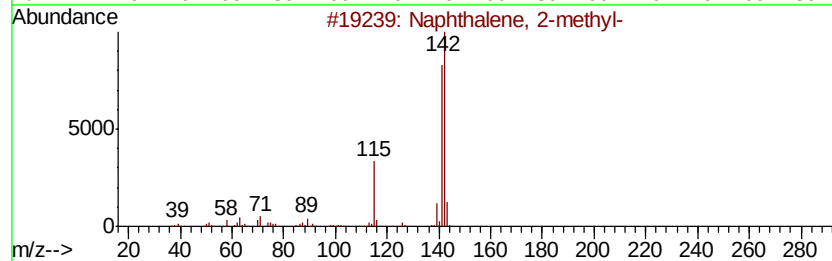
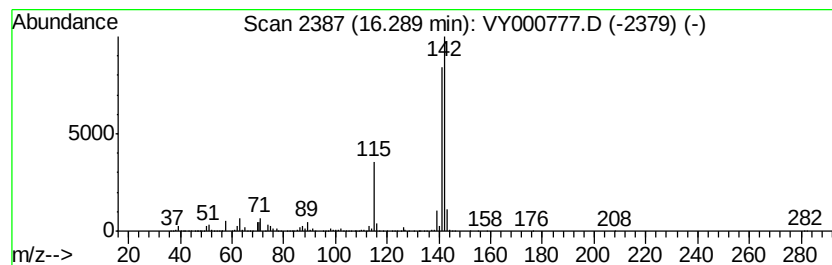
Instrument :
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ClientSampleId :
WS-112019-0-1-GRAB-B2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	915.95 ug/l	15822700	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 96
2		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 96
3		Benzocycloheptatriene	142 C11H10	000264-09-5 91
4		1,4-Methanonaphthalene, 1,4-dihy...	142 C11H10	004453-90-1 90
5		1H-Indene, 1-ethylidene-	142 C11H10	002471-83-2 64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY112119\
Data File : VY000777.D
Acq On : 21 Nov 2019 18:39
Operator : SY/MD
Sample : K5959-09
Misc : 4.90G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WS-112019-0-1-GRAB-B2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.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-...	12.73	84.2	ug/l	1454280	4	13.42	863730	50.0
Indane	13.63	370.7	ug/l	6404170	4	13.42	863730	50.0
Indene	13.81	74.8	ug/l	1292940	4	13.42	863730	50.0
Indan, 1-methyl-	14.08	82.4	ug/l	1423340	4	13.42	863730	50.0
Benzofuran, 2-met...	14.36	85.2	ug/l	1471510	4	13.42	863730	50.0
1H-Indene, 2,3-di...	14.56	76.2	ug/l	1316700	4	13.42	863730	50.0
Benzene, 1-etheny...	14.68	161.6	ug/l	2791750	4	13.42	863730	50.0
Benzo[c]thiophene	15.33	143.2	ug/l	2472820	4	13.42	863730	50.0
Naphthalene, 1-me...	16.29	916.0	ug/l	15822700	4	13.42	863730	50.0