

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101119\
 Data File : VY000282.D
 Acq On : 11 Oct 2019 19:44
 Operator : SY/MD
 Sample : K5350-01
 Misc : 7.78G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-209

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\82Y101119S.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	10.187	1378	1386	1392	rBV	710500	1264495	1.04%	0.298%
2	11.595	1610	1617	1625	rBV	2602545	4001736	3.30%	0.942%
3	11.699	1626	1634	1645	rVV	1567352	3004197	2.48%	0.707%
4	12.028	1677	1688	1697	rBV	1680157	2642944	2.18%	0.622%
5	12.333	1728	1738	1743	rBV	1902850	3061821	2.52%	0.721%
6	12.735	1798	1804	1806	rBV	1689536	2529616	2.08%	0.596%
7	12.766	1806	1809	1813	rVV	2379734	3665916	3.02%	0.863%
8	12.814	1813	1817	1822	rVB	3142612	4763825	3.93%	1.122%
9	12.973	1835	1843	1851	rBV	1451797	2457940	2.03%	0.579%
10	13.119	1859	1867	1872	rBV	9964653	14622841	12.05%	3.443%
11	13.314	1893	1899	1904	rBV	1291182	2186391	1.80%	0.515%
12	13.369	1904	1908	1913	rVB	1153373	1623392	1.34%	0.382%
13	13.454	1913	1922	1927	rBV	3938575	6584192	5.43%	1.550%
14	13.497	1927	1929	1938	rVB	1057190	1443600	1.19%	0.340%
15	13.631	1939	1951	1956	rBV	34598699	62811568	51.76%	14.788%
16	13.808	1975	1980	1987	rBV2	1141204	2120691	1.75%	0.499%
17	13.887	1988	1993	1995	rBV	1291686	1957837	1.61%	0.461%
18	13.912	1995	1997	2002	rVB	1489069	2013686	1.66%	0.474%
19	13.973	2002	2007	2012	rBV	4738733	6873769	5.66%	1.618%
20	14.082	2019	2025	2029	rBV	5057825	8329902	6.86%	1.961%
21	14.271	2050	2056	2058	rVV	2655640	4702976	3.88%	1.107%
22	14.296	2058	2060	2063	rVV	3512374	4720550	3.89%	1.111%
23	14.338	2063	2067	2069	rVV	3955851	6495039	5.35%	1.529%
24	14.363	2069	2071	2078	rVV2	4215816	8517885	7.02%	2.005%
25	14.448	2078	2085	2094	rVB4	1130423	3524029	2.90%	0.830%
26	14.564	2099	2104	2110	rBV	6961278	10921945	9.00%	2.571%
27	14.613	2110	2112	2117	rVB	954388	1220405	1.01%	0.287%
28	14.686	2117	2124	2129	rBV2	8791815	17007393	14.02%	4.004%
29	14.753	2129	2135	2143	rVB3	4626242	7813568	6.44%	1.840%
30	14.832	2143	2148	2154	rVB	5681850	9082996	7.49%	2.138%
31	14.948	2157	2167	2172	rBV4	2485880	6811695	5.61%	1.604%
32	15.064	2182	2186	2194	rVB3	1508064	3261441	2.69%	0.768%
33	15.168	2195	2203	2206	rVV3	1846226	3724603	3.07%	0.877%
34	15.247	2208	2216	2224	rVV3	42338262	121341183	100.00%	28.567%

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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 >
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35	15.338	2224	2231	2238	rVV	8000747	15639628	12.89%	3.682%
36	15.527	2256	2262	2270	rBV2	1447675	3018238	2.49%	0.711%
37	15.607	2270	2275	2280	rVB4	567954	1261757	1.04%	0.297%
38	15.698	2281	2290	2297	rBV3	987115	3214772	2.65%	0.757%
39	15.826	2305	2311	2316	rBV4	487360	1353022	1.12%	0.319%
40	16.228	2369	2377	2381	rBV2	774341	1785538	1.47%	0.420%
41	16.295	2381	2388	2401	rVB	12105933	25831310	21.29%	6.081%
42	16.491	2412	2420	2432	rVB	11974299	25546826	21.05%	6.014%

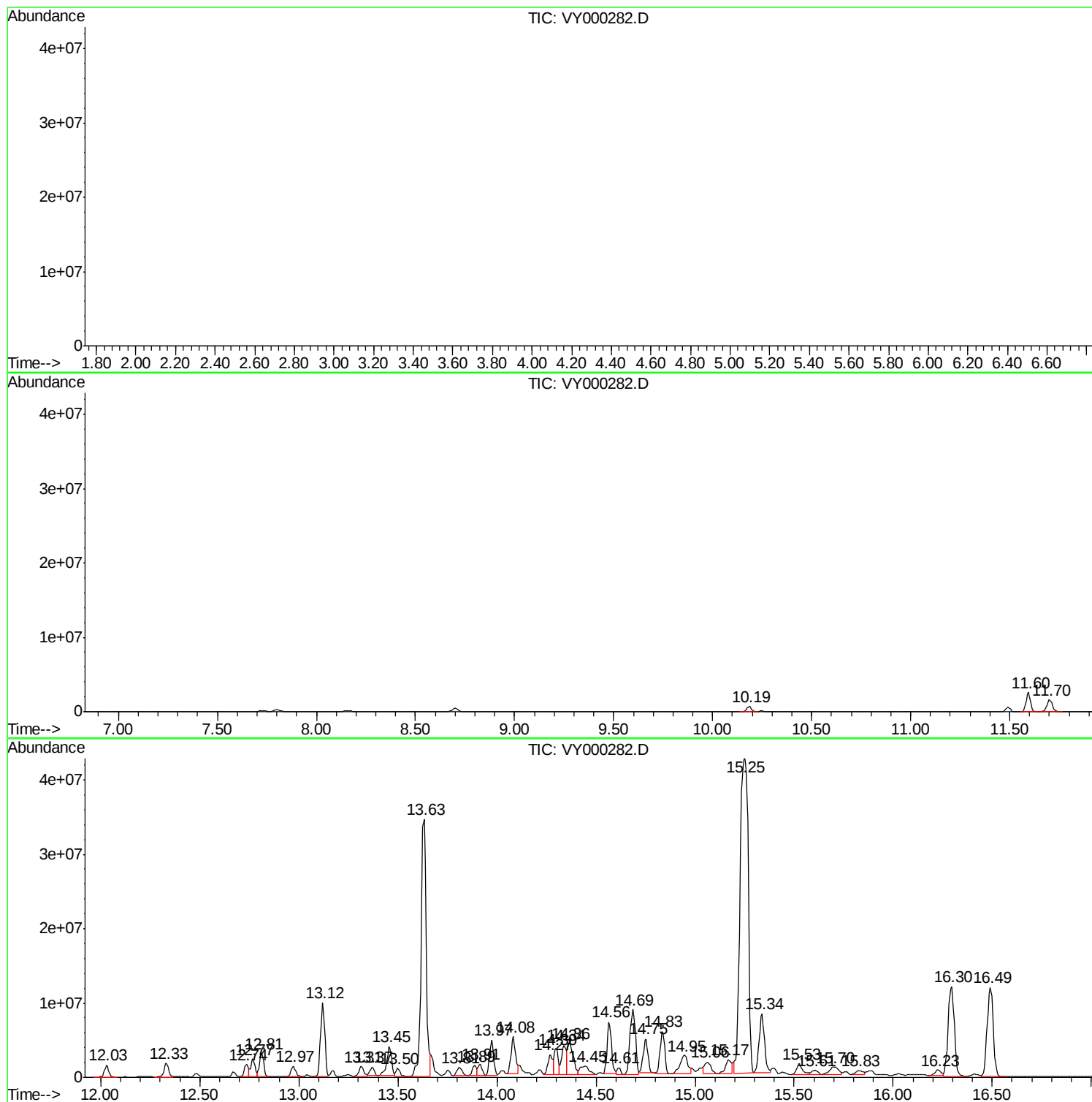
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260

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



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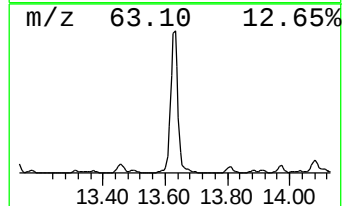
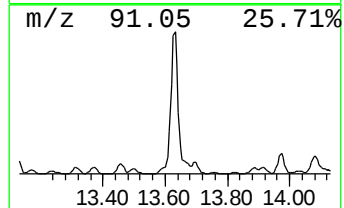
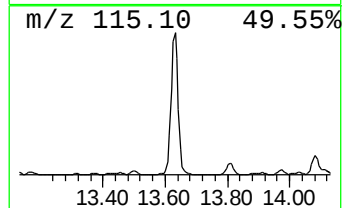
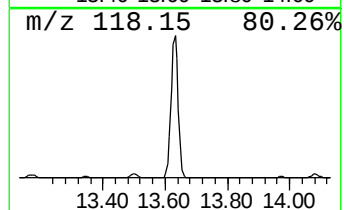
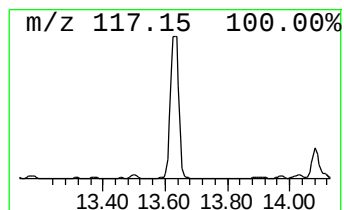
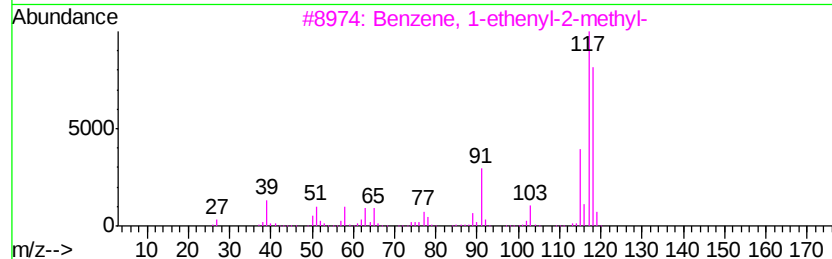
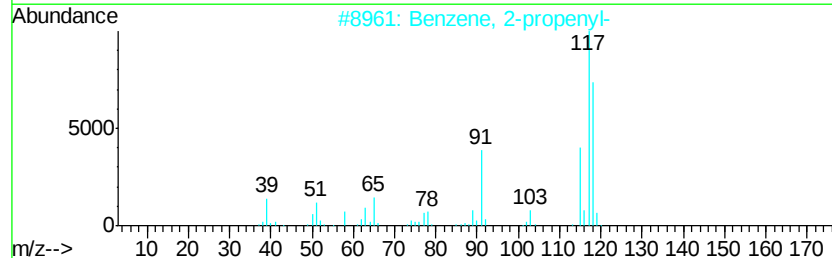
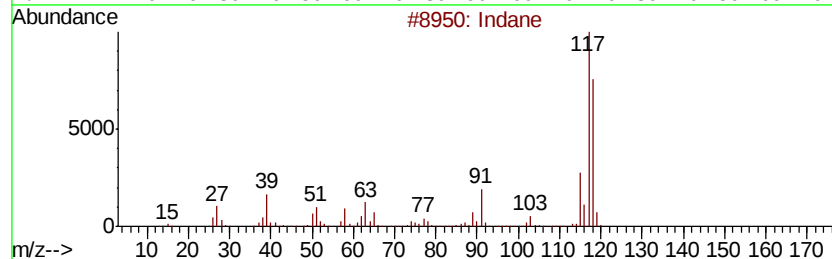
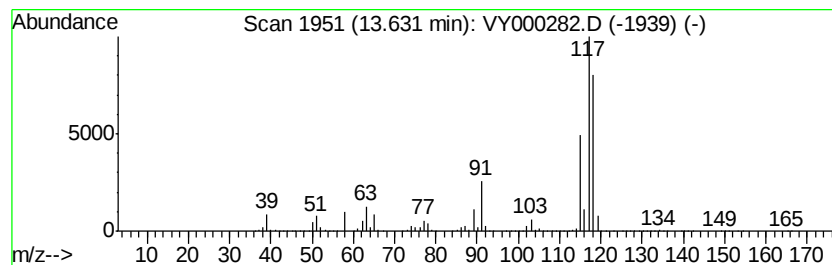
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260

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

Peak Number 1 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	476.99 ug/l	62811600	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	95
2		Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	74
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	72



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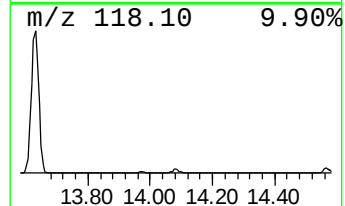
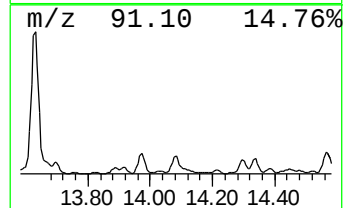
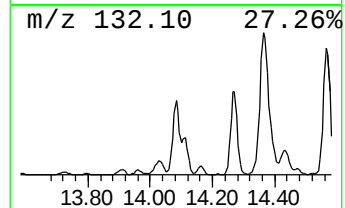
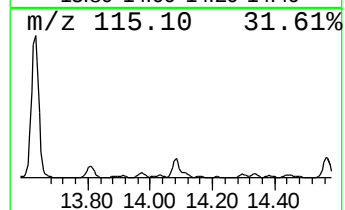
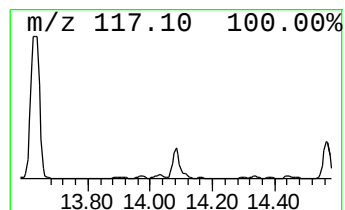
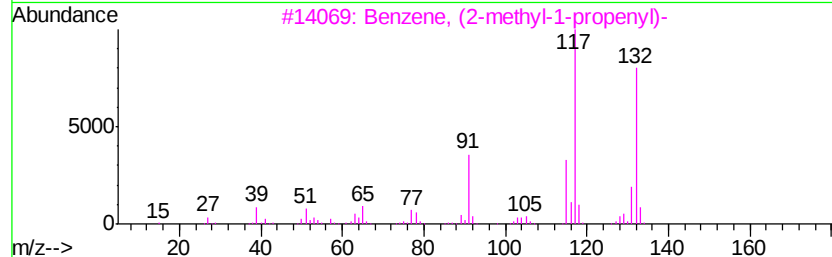
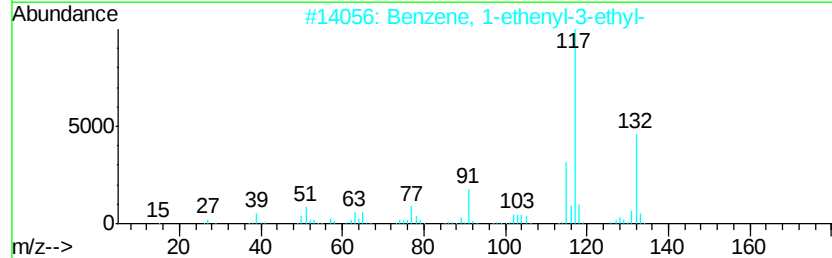
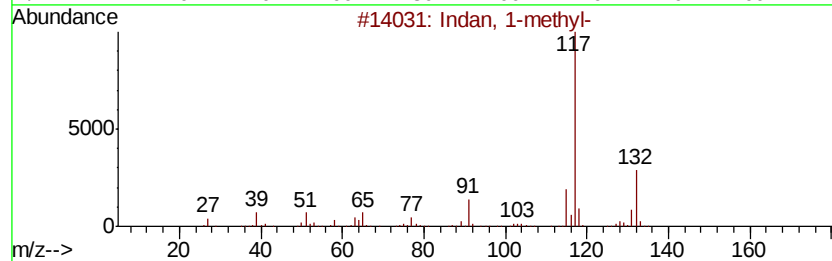
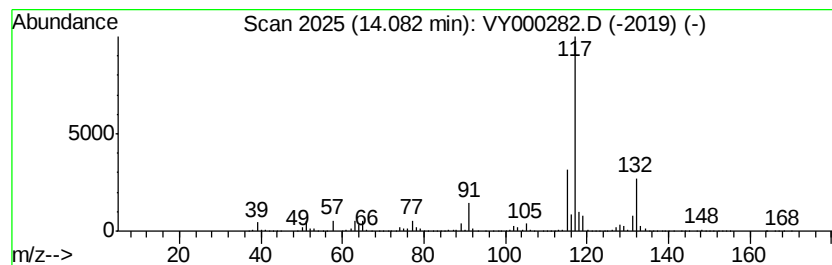
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Indan, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	63.26 ug/l	8329900	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Indan, 1-methyl-	132 C10H12	000767-58-8	93
2	Benzene, 1-ethenyl-3-ethyl-	132 C10H12	007525-62-4	90
3	Benzene, (2-methyl-1-propenyl)-	132 C10H12	000768-49-0	90
4	Benzene, 1-ethenyl-4-ethyl-	132 C10H12	003454-07-7	86
5	Benzene, (2-methylcyclopropyl)-	132 C10H12	1000327-39-0	83



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Instrument :
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ClientSampleId :
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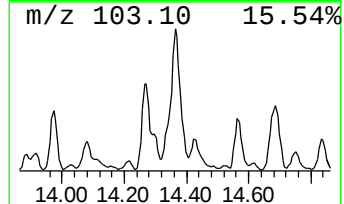
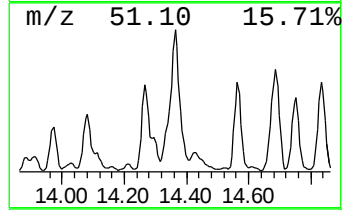
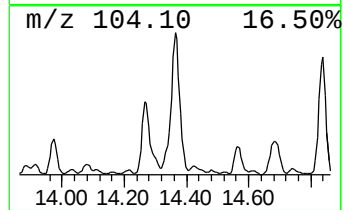
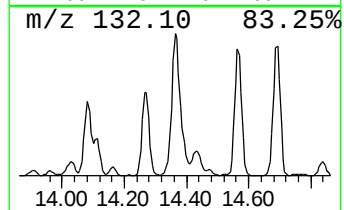
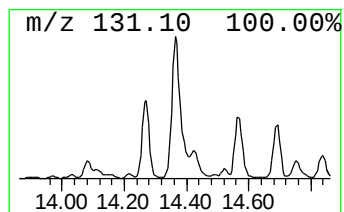
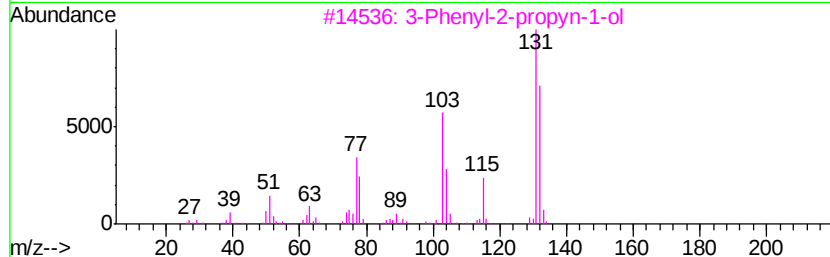
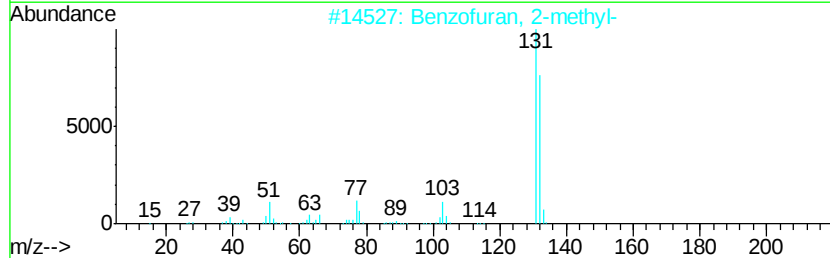
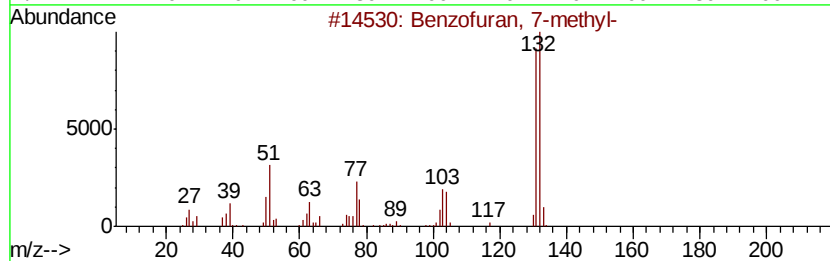
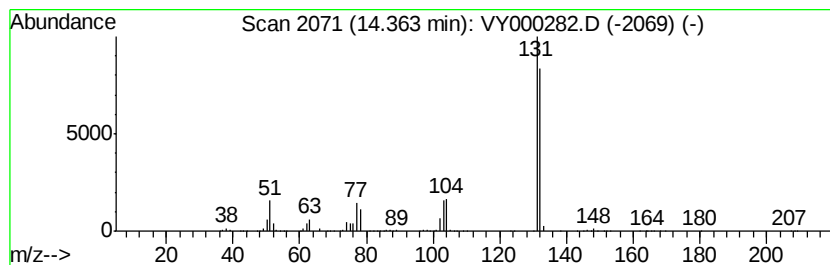
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzofuran, 7-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	64.68 ug/l	8517890	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	91
2		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3		3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
4		1H-Indazole, 3-methyl-	132	C8H8N2	1000316-00-2	91
5		4-Aminobenzyl cyanide	132	C8H8N2	003544-25-0	86



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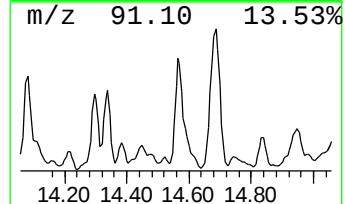
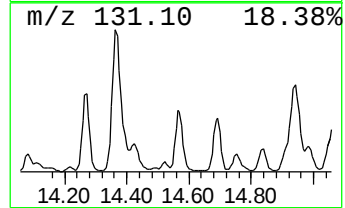
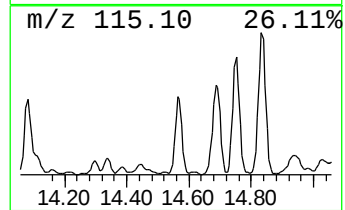
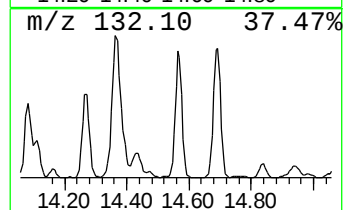
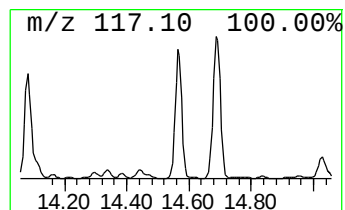
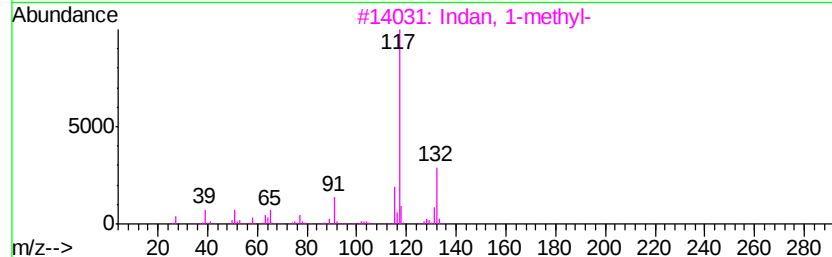
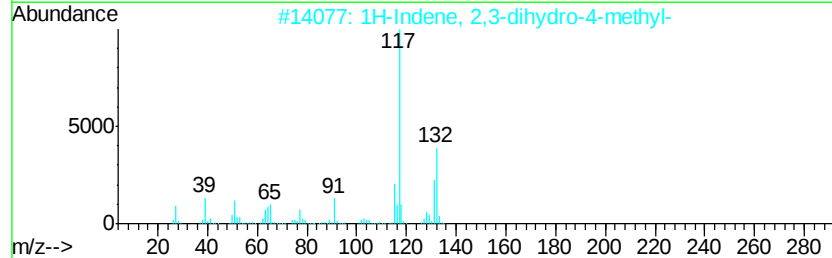
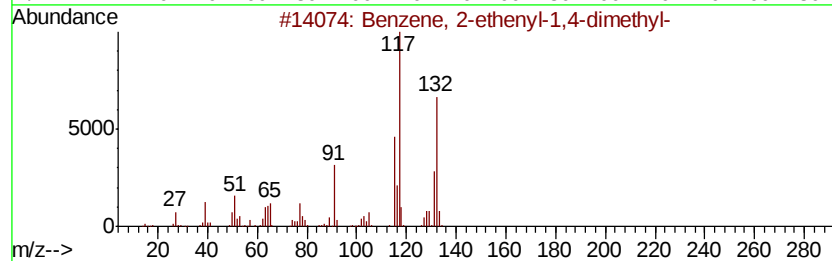
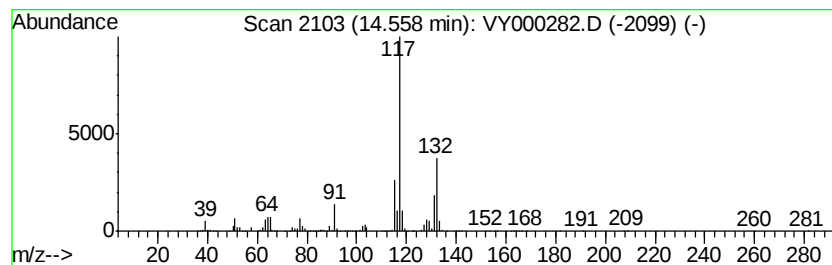
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	82.94 ug/l	10921900	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
3		Indan, 1-methyl-	132	C10H12	000767-58-8	93
4		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91



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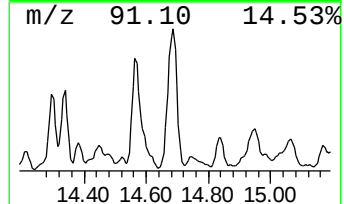
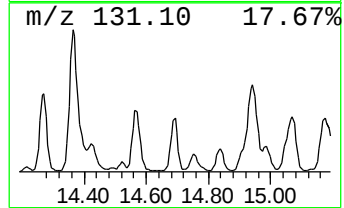
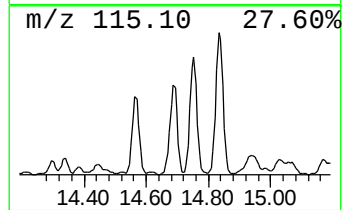
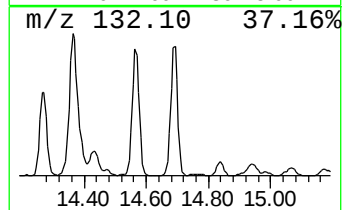
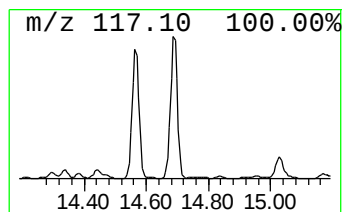
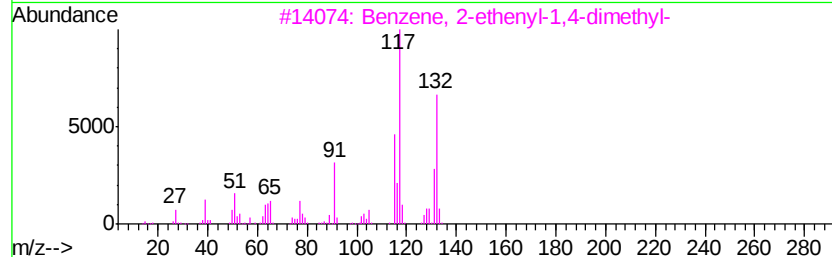
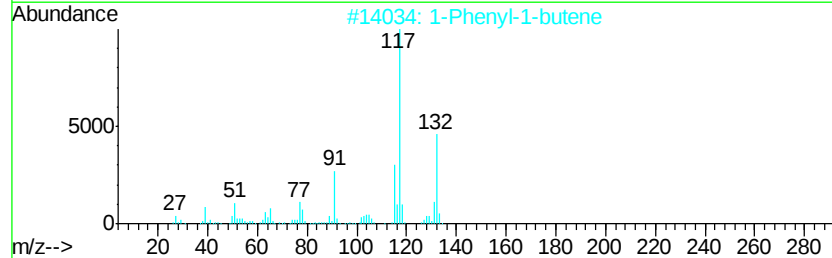
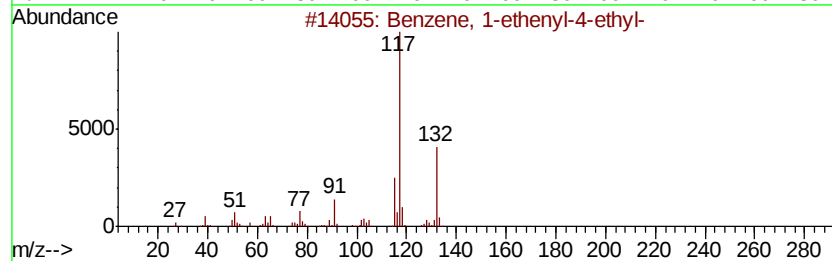
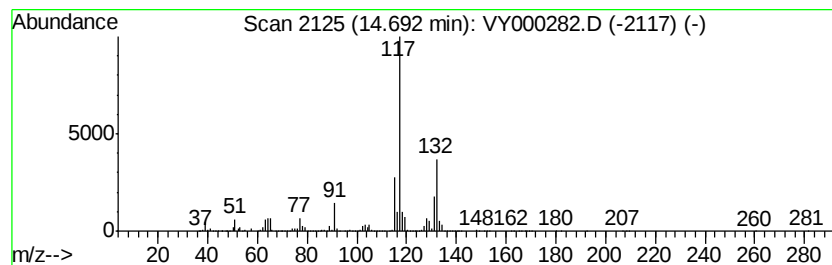
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	129.15 ug/l	17007400	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2		1-Phenyl-1-butene	132	C10H12	000824-90-8	91
3		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY101119\
Data File : VY000282.D
Acq On : 11 Oct 2019 19:44
Operator : SY/MD
Sample : K5350-01
Misc : 7.78G/5ML/MSVOA Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-209

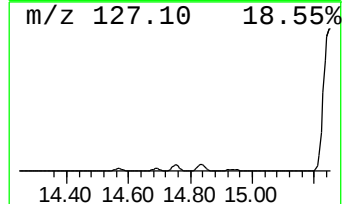
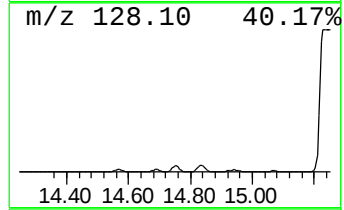
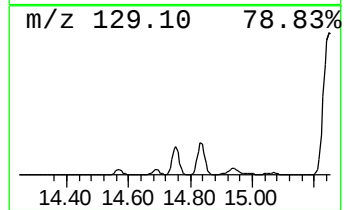
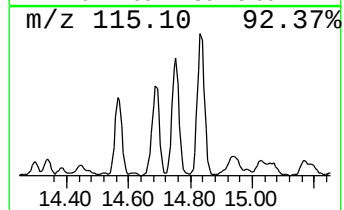
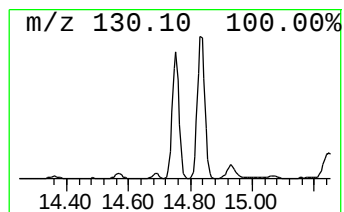
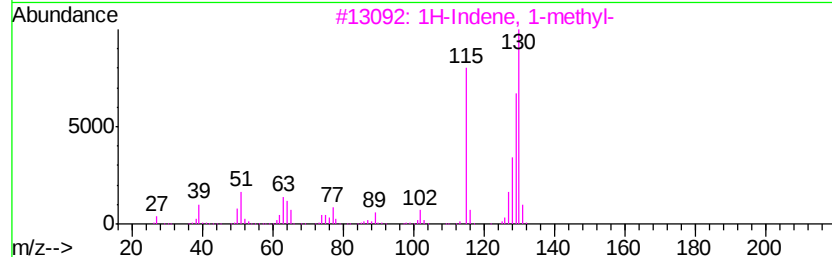
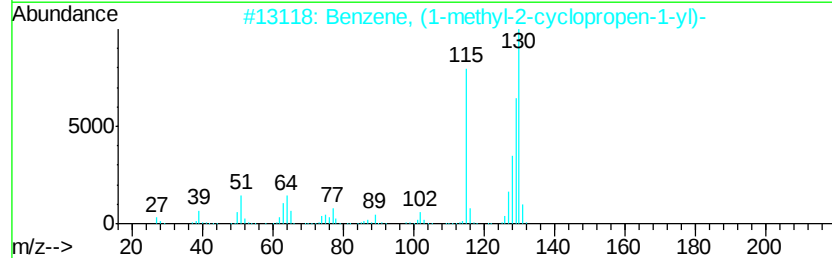
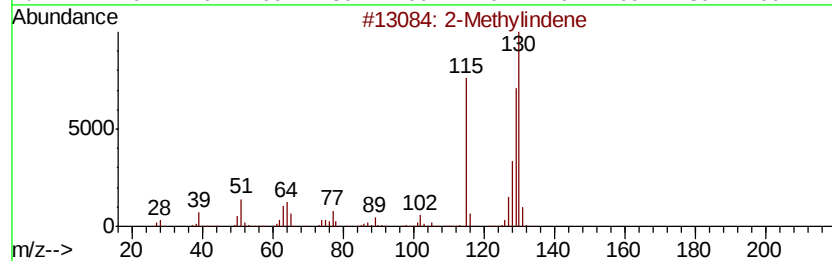
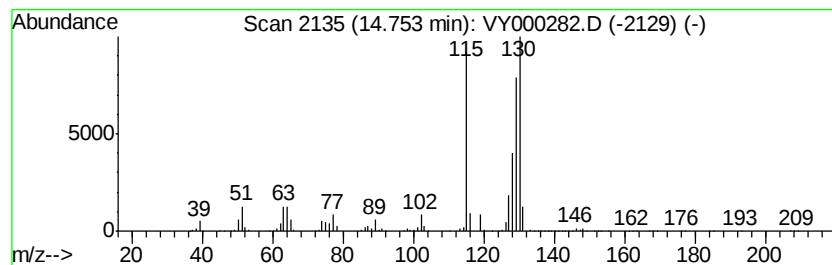
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Quant Title : SW846 8260

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

Peak Number 6 2-Methylindene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	59.34 ug/l	7813570	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methylindene	130	C10H10	002177-47-1	97
2		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
3		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
4		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
5		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY101119\
Data File : VY000282.D
Acq On : 11 Oct 2019 19:44
Operator : SY/MD
Sample : K5350-01
Misc : 7.78G/5ML/MSVOA Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

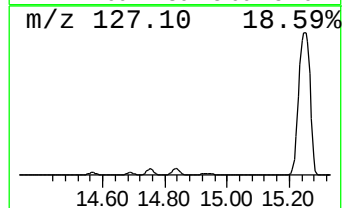
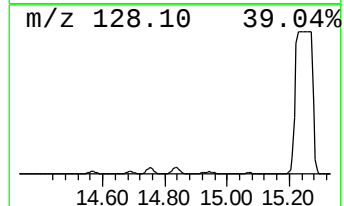
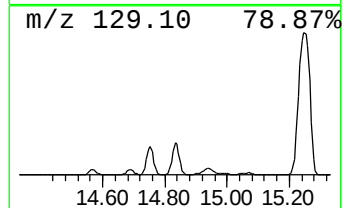
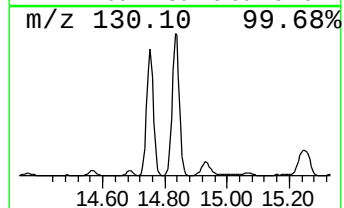
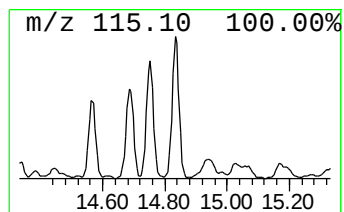
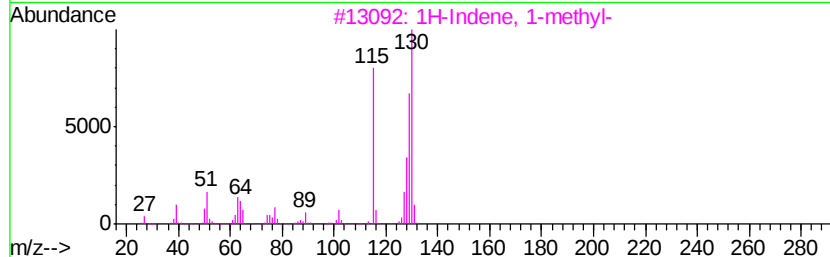
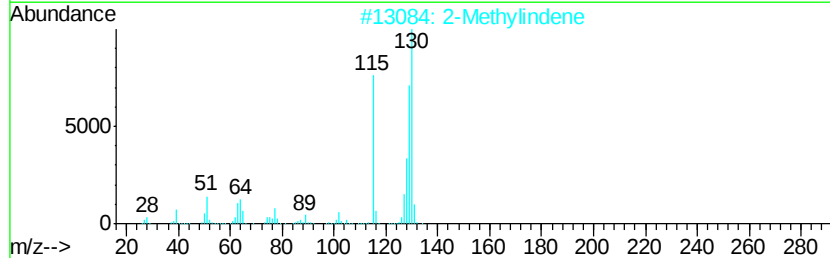
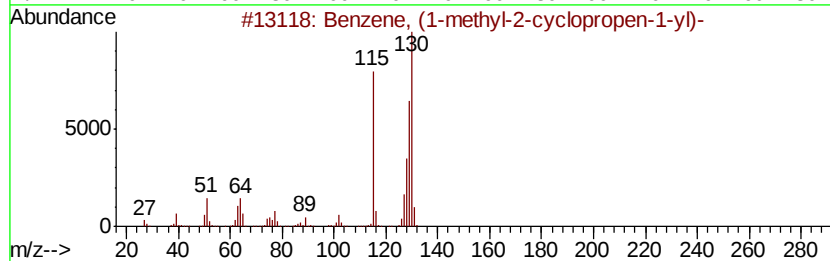
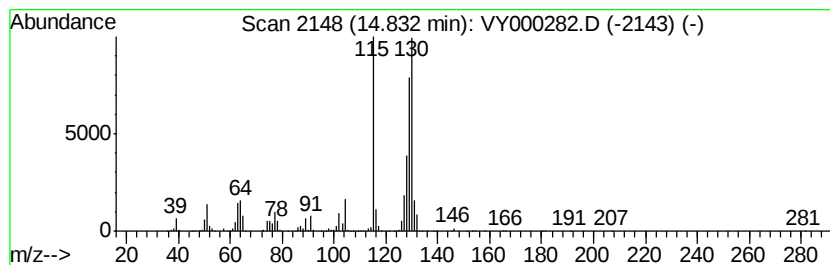
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MSVOA_Y
ClientSampleId :
VNJ-209

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.83	68.98 ug/l	9083000	1,4-Dichlorobenzene-d4	13.42		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96	
2	2-Methylindene	130	C10H10	002177-47-1	95	
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95	
4	Benzene, 1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95	
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	94	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY101119\
Data File : VY000282.D
Acq On : 11 Oct 2019 19:44
Operator : SY/MD
Sample : K5350-01
Misc : 7.78G/5ML/MSVOA Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-209

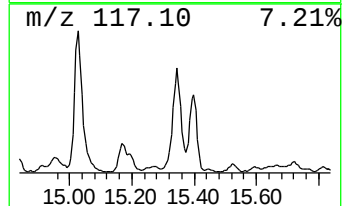
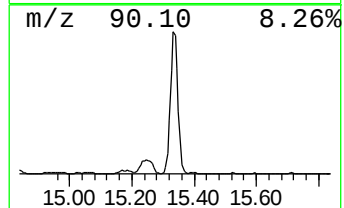
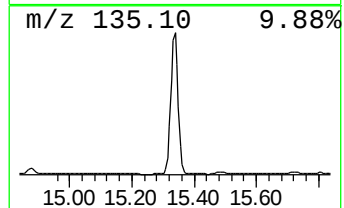
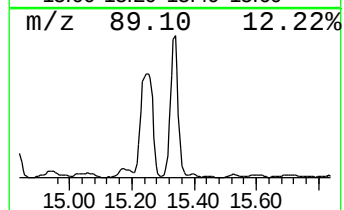
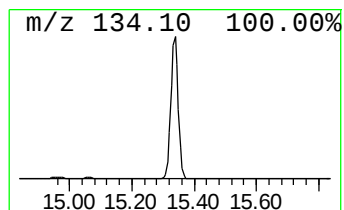
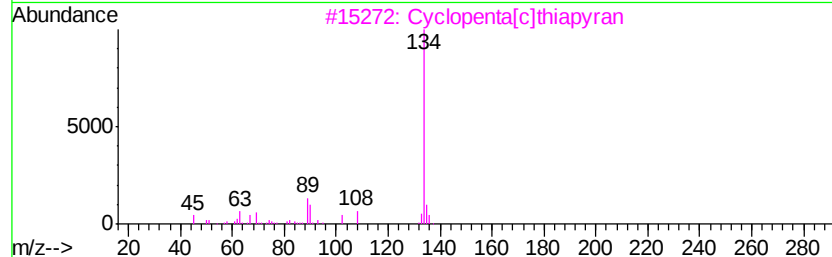
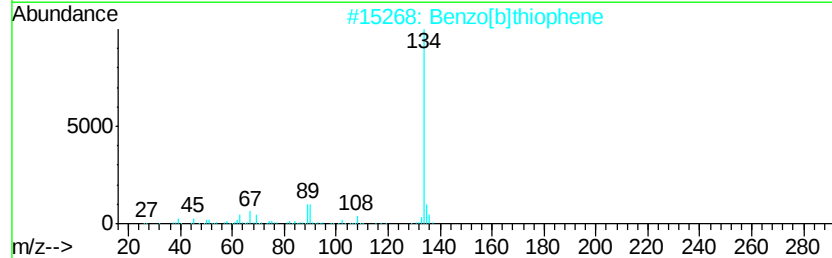
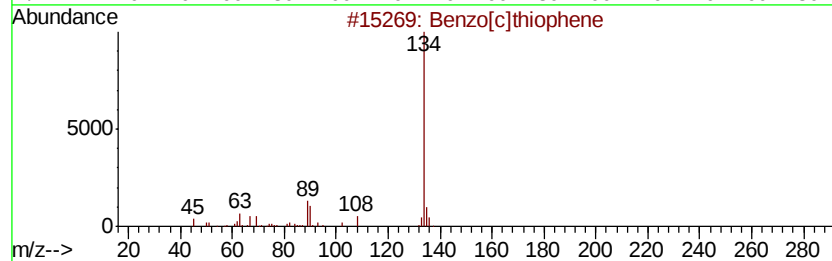
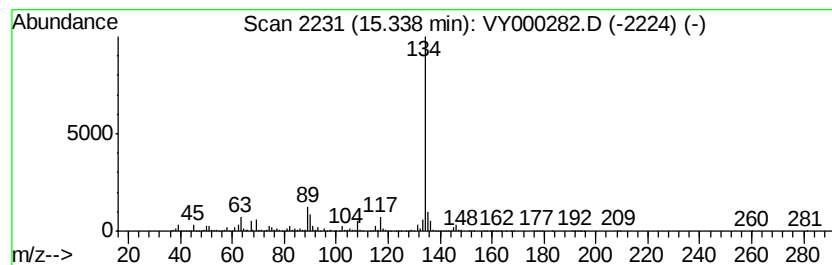
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Quant Title : SW846 8260

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.
15.34	118.77 ug/l	15639600	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		Benzofuran, 2,3-dihydro-2-methyl-	134	C9H10O	001746-11-8	64
5		Carbonic acid, 7-benzofuryl 2-ox...	234	C12H10O5	109613-86-7	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY101119\
Data File : VY000282.D
Acq On : 11 Oct 2019 19:44
Operator : SY/MD
Sample : K5350-01
Misc : 7.78G/5ML/MSVOA Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-209

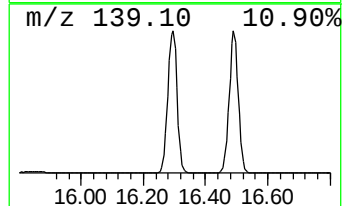
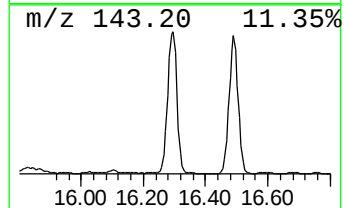
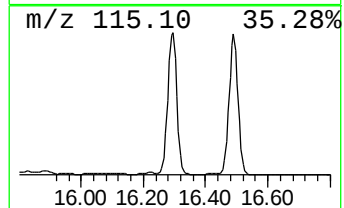
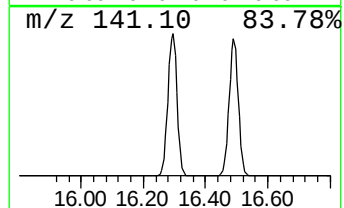
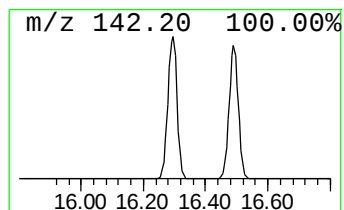
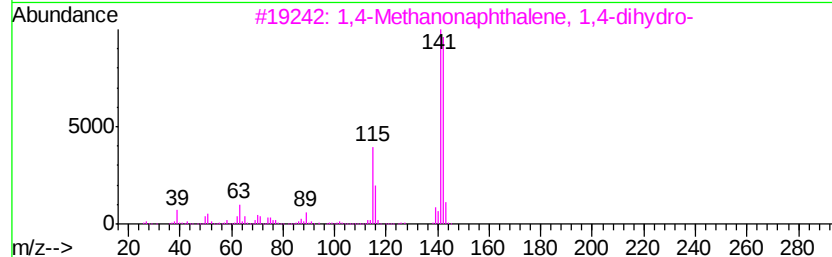
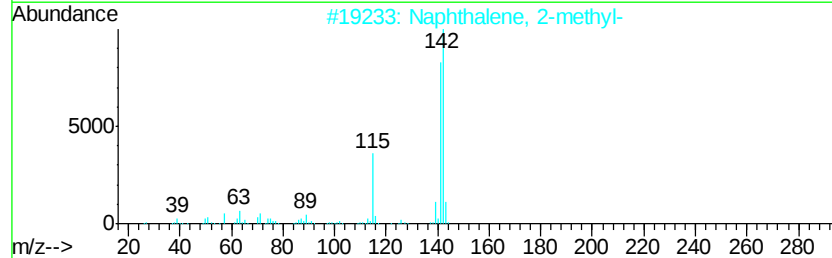
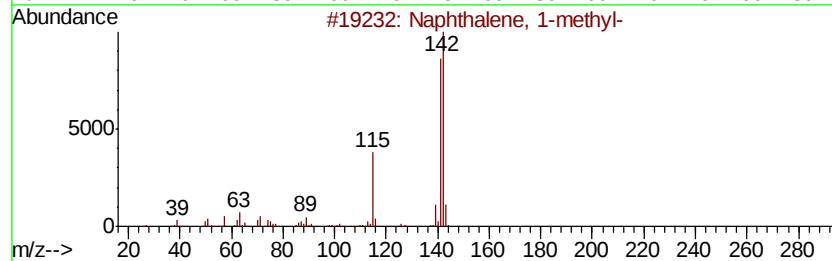
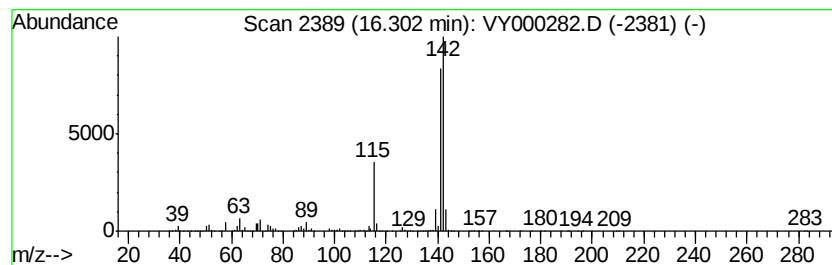
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	196.16 ug/l	25831300	1,4-Dichlorobenzene-d4	13.42

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	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101119\
Data File : VY000282.D
Acq On : 11 Oct 2019 19:44
Operator : SY/MD
Sample : K5350-01
Misc : 7.78G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-209

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.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
Indane	13.63	477.0	ug/l	62811600	4	13.42	6584190	50.0
Indan, 1-methyl-	14.08	63.3	ug/l	8329900	4	13.42	6584190	50.0
Benzofuran, 7-met...	14.36	64.7	ug/l	8517890	4	13.42	6584190	50.0
Benzene, 2-etheny...	14.56	82.9	ug/l	10921900	4	13.42	6584190	50.0
Benzene, 1-etheny...	14.69	129.2	ug/l	17007400	4	13.42	6584190	50.0
2-Methylindene	14.75	59.3	ug/l	7813570	4	13.42	6584190	50.0
Benzene, (1-methy...	14.83	69.0	ug/l	9083000	4	13.42	6584190	50.0
Benzo[c]thiophene	15.34	118.8	ug/l	15639600	4	13.42	6584190	50.0
Naphthalene, 1-me...	16.30	196.2	ug/l	25831300	4	13.42	6584190	50.0