

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
 Data File : VY002766.D
 Acq On : 27 May 2020 16:02
 Operator : SY/MD
 Sample : L2776-01
 Misc : 5.56G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 351

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\82Y052720S.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	7.724	972	982	988	rBV	174042	408379	2.70%	0.928%
2	7.797	988	994	1004	rVB	298255	660907	4.37%	1.501%
3	8.145	1042	1051	1061	rBV	161477	348669	2.30%	0.792%
4	8.693	1129	1141	1152	rBV	443490	861997	5.69%	1.958%
5	10.181	1377	1385	1391	rBV	694755	1197726	7.91%	2.721%
6	11.485	1592	1599	1606	rBV	634924	1033314	6.83%	2.347%
7	12.333	1730	1738	1747	rBV	856220	1351563	8.93%	3.070%
8	12.479	1755	1762	1768	rBV	538194	843424	5.57%	1.916%
9	13.144	1862	1871	1880	rVB2	177271	350620	2.32%	0.796%
10	13.339	1892	1903	1911	rBV2	638796	1023616	6.76%	2.325%
11	13.424	1911	1917	1926	rVB	717153	1119274	7.39%	2.542%
12	13.625	1946	1950	1954	rBV	143891	209170	1.38%	0.475%
13	14.076	2019	2024	2031	rBV	177614	272236	1.80%	0.618%
14	14.564	2099	2104	2110	rBV2	163248	282917	1.87%	0.643%
15	14.686	2116	2124	2129	rBV2	364567	644071	4.25%	1.463%
16	14.832	2142	2148	2155	rBV	363028	555604	3.67%	1.262%
17	14.936	2155	2165	2170	rBV3	150863	386000	2.55%	0.877%
18	15.028	2175	2180	2181	rVV	113754	196943	1.30%	0.447%
19	15.058	2181	2185	2196	rVB	167856	349783	2.31%	0.795%
20	15.235	2206	2214	2221	rVB	3619355	5956663	39.35%	13.530%
21	15.338	2224	2231	2236	rBV3	193752	397999	2.63%	0.904%
22	15.393	2236	2240	2254	rVB	111164	232332	1.53%	0.528%
23	15.521	2254	2261	2269	rBV	158056	308441	2.04%	0.701%
24	15.692	2280	2289	2292	rBV	108742	250104	1.65%	0.568%
25	15.838	2304	2313	2315	rBV3	73034	206424	1.36%	0.469%
26	16.033	2338	2345	2356	rBV2	88781	250478	1.65%	0.569%
27	16.229	2368	2377	2380	rBV4	141500	346383	2.29%	0.787%
28	16.289	2380	2387	2401	rVB	7613973	15139465	100.00%	34.388%
29	16.418	2401	2408	2412	rBV	71903	168178	1.11%	0.382%
30	16.491	2412	2420	2431	rVB	4221065	8672219	57.28%	19.698%

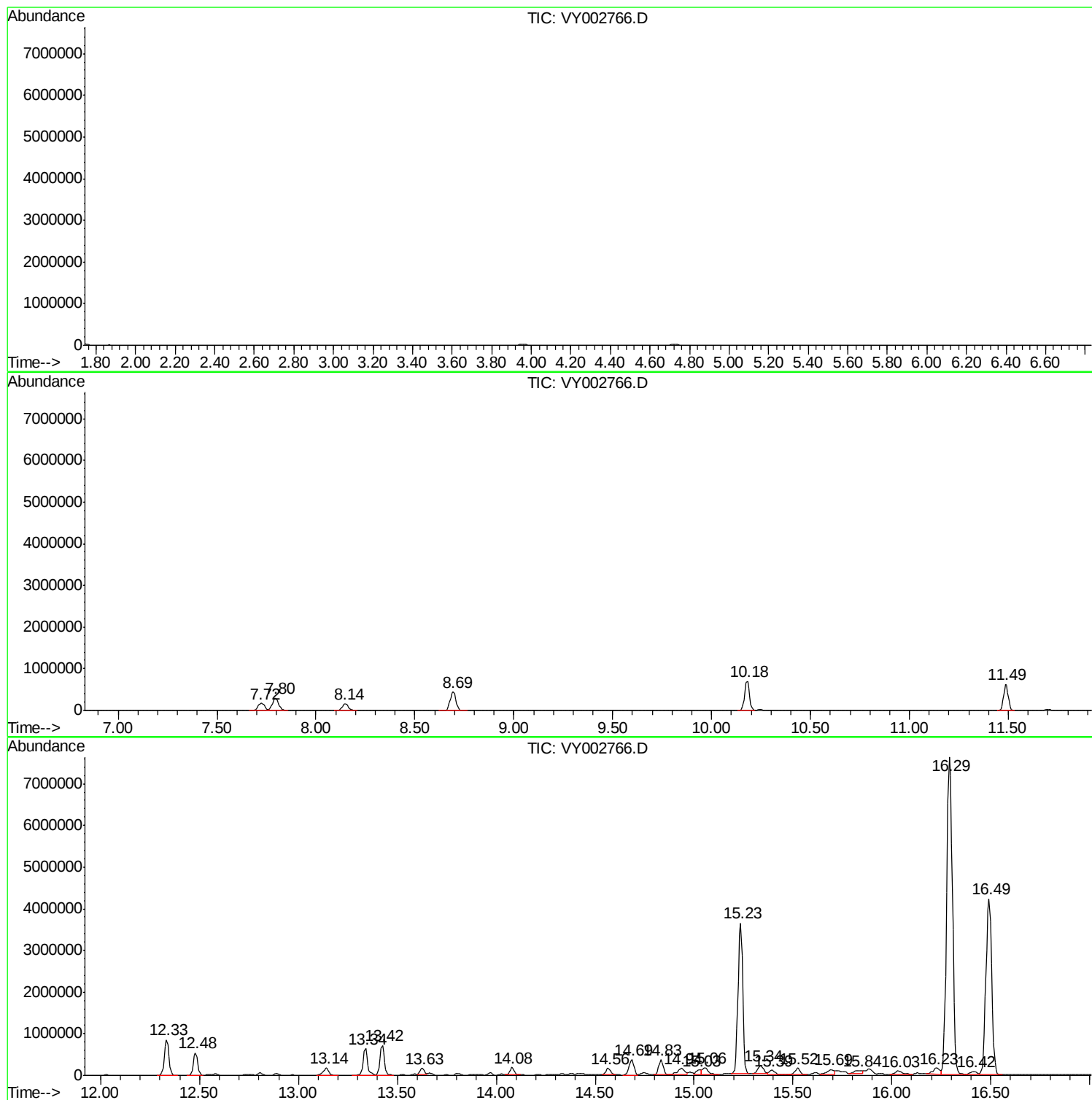
Sum of corrected areas: 44024899

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
Data File : VY002766.D
Acq On : 27 May 2020 16:02
Operator : SY/MD
Sample : L2776-01
Misc : 5.56G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
351

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
Data File : VY002766.D
Acq On : 27 May 2020 16:02
Operator : SY/MD
Sample : L2776-01
Misc : 5.56G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
351

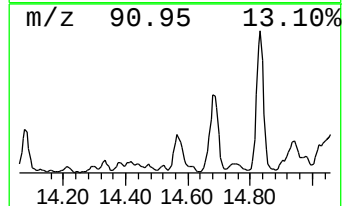
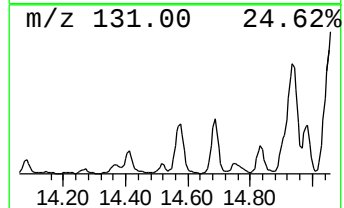
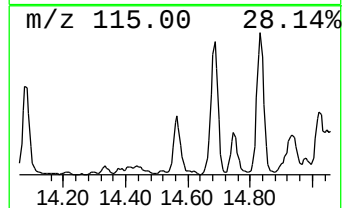
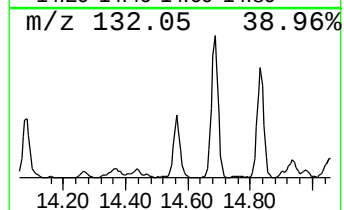
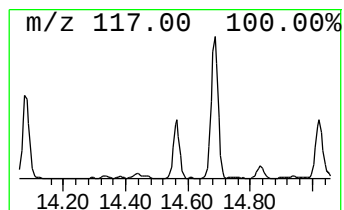
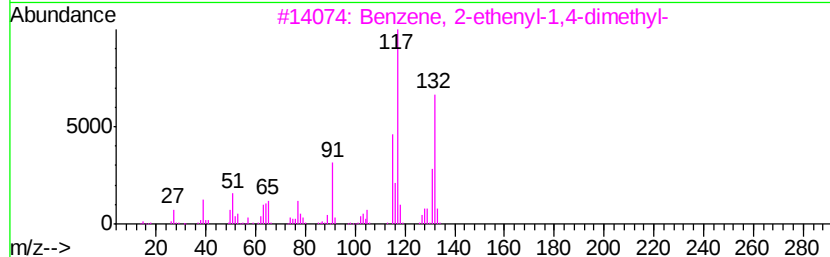
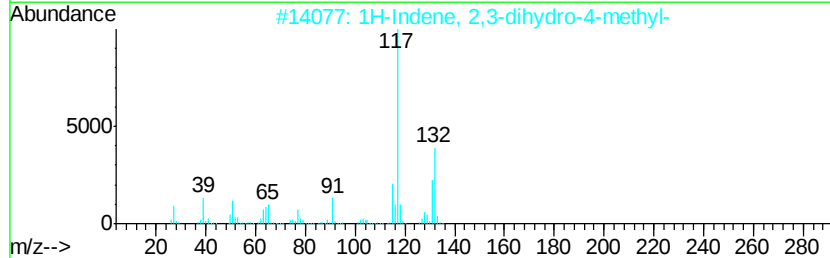
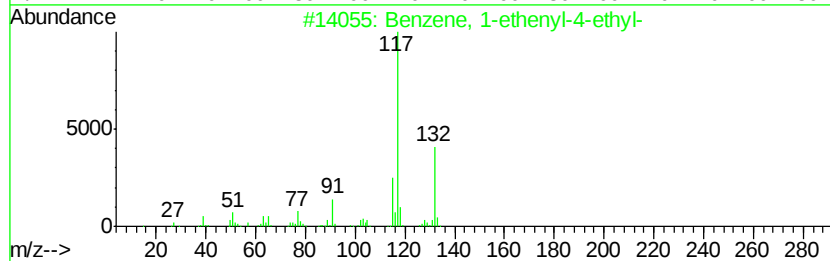
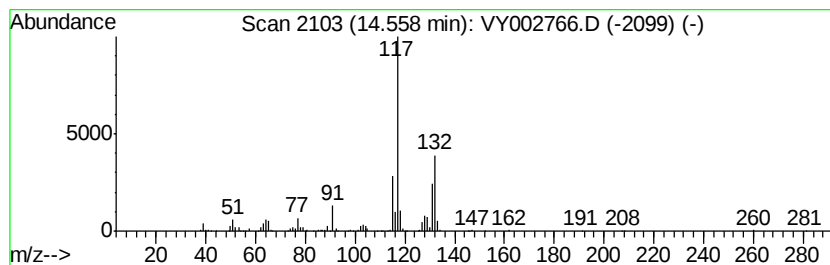
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	12.64 ug/l	282917	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		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
3		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
4		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
Data File : VY002766.D
Acq On : 27 May 2020 16:02
Operator : SY/MD
Sample : L2776-01
Misc : 5.56G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

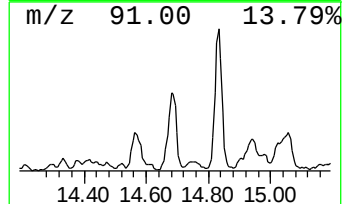
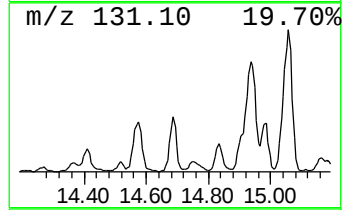
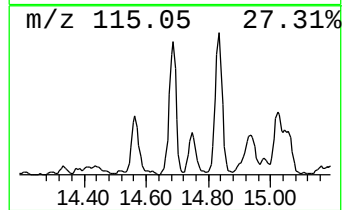
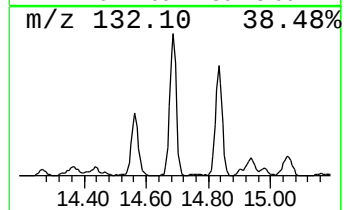
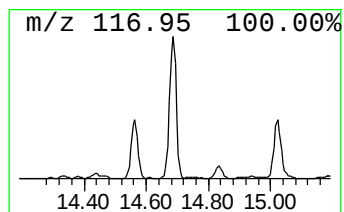
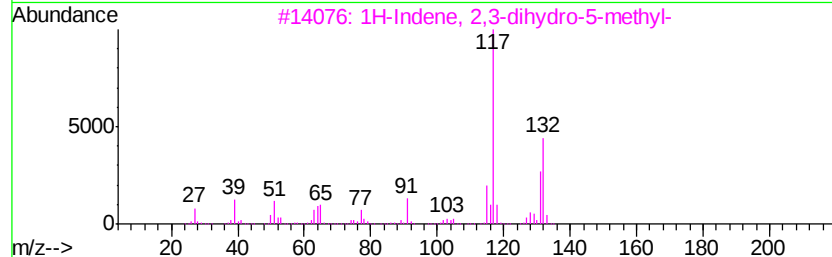
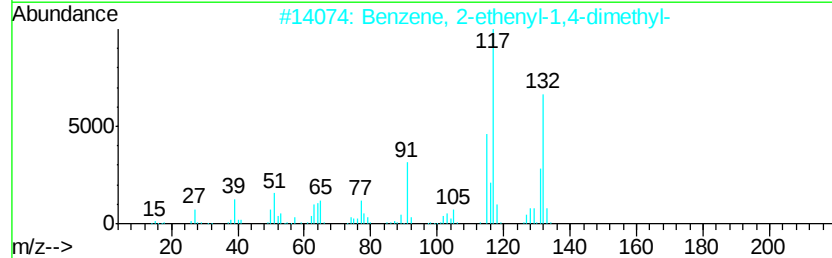
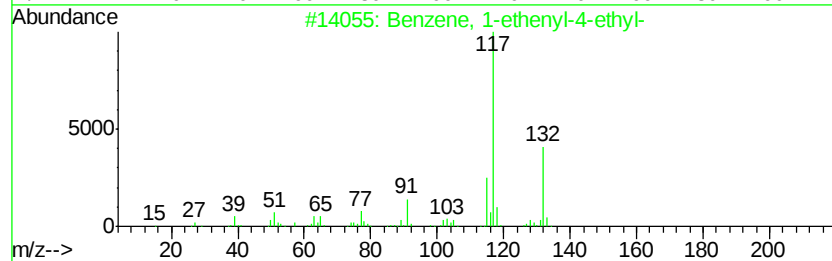
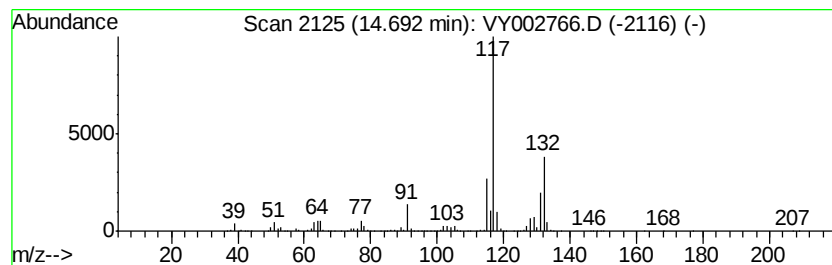
Instrument :
MSVOA_Y
ClientSampleId :
351

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	28.77 ug/l	644071	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		Benzene, 2-ethenyl-1,4-dimethyl-	132 C10H12	002039-89-6 93
3		1H-Indene, 2,3-dihydro-5-methyl-	132 C10H12	000874-35-1 93
4		3-Phenylbut-1-ene	132 C10H12	000934-10-1 91
5		Benzene, (1-methyl-1-propenyl)-,...	132 C10H12	000768-00-3 91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
Data File : VY002766.D
Acq On : 27 May 2020 16:02
Operator : SY/MD
Sample : L2776-01
Misc : 5.56G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

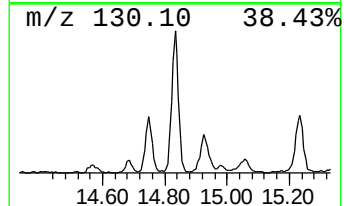
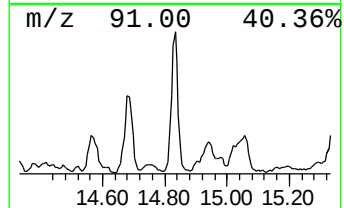
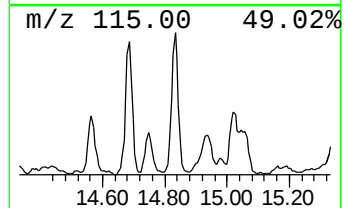
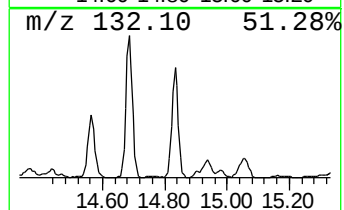
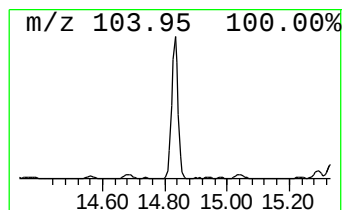
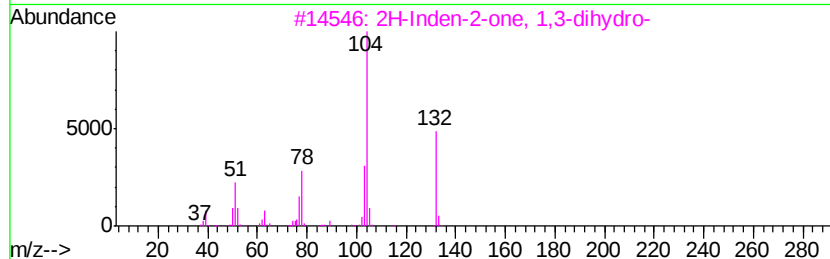
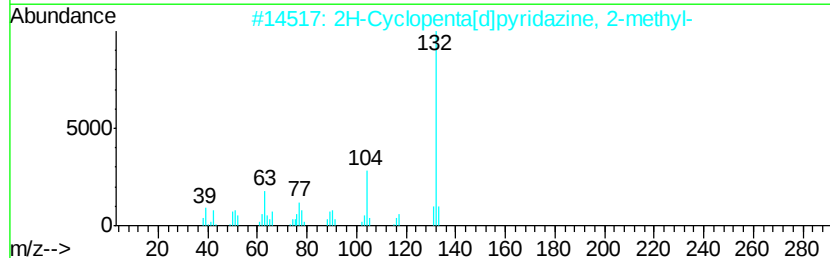
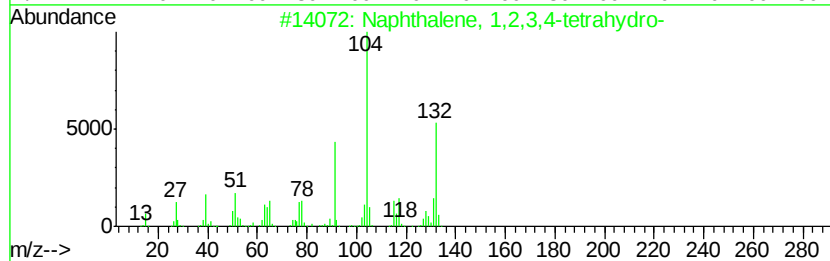
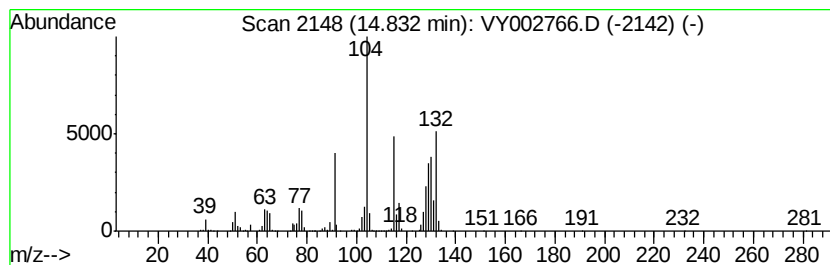
Instrument :
MSVOA_Y
ClientSampleId :
351

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.83	24.82 ug/l	555604	1,4-Dichlorobenzene-d4	13.42		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	38
3		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	38
4		Indan, epoxide	132	C9H8O	000768-22-9	30
5		Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
Data File : VY002766.D
Acq On : 27 May 2020 16:02
Operator : SY/MD
Sample : L2776-01
Misc : 5.56G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
351

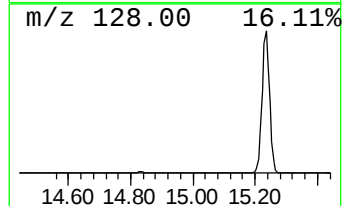
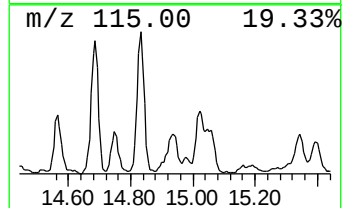
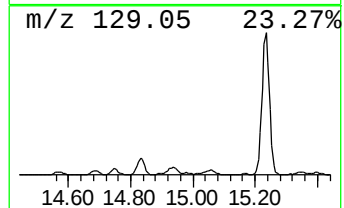
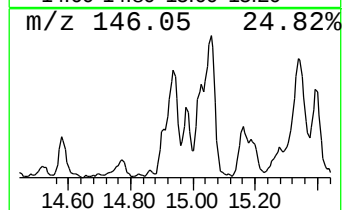
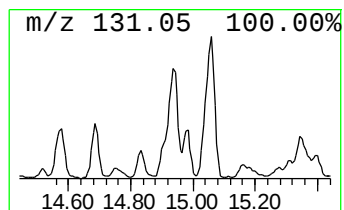
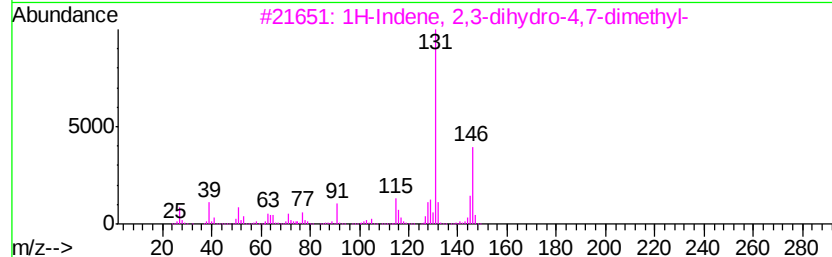
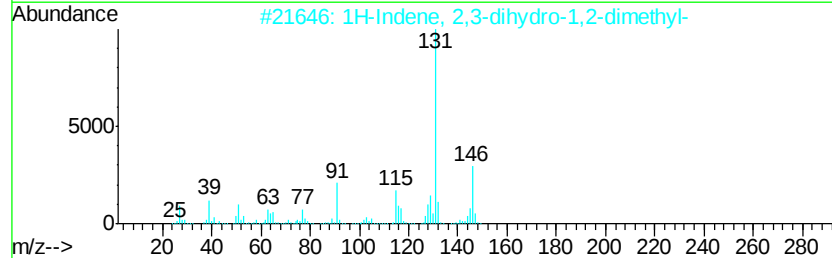
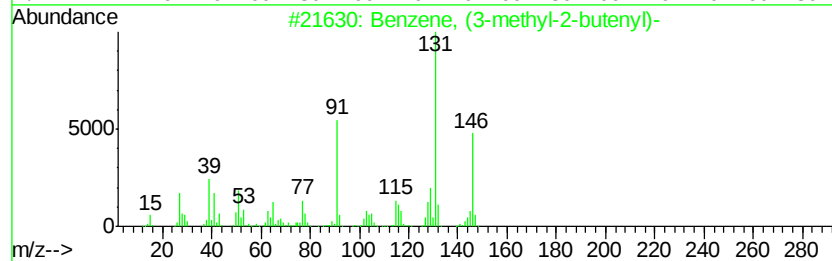
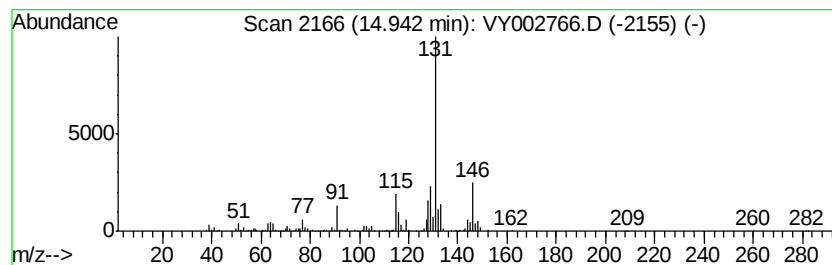
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, (3-methyl-2-butenyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	17.24 ug/l	386000	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
2		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	86
4		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	80
5		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
Data File : VY002766.D
Acq On : 27 May 2020 16:02
Operator : SY/MD
Sample : L2776-01
Misc : 5.56G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
351

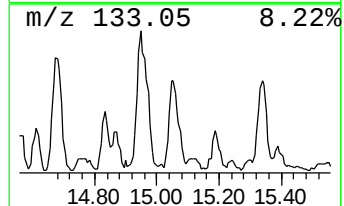
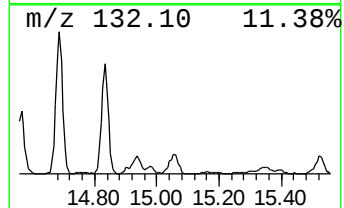
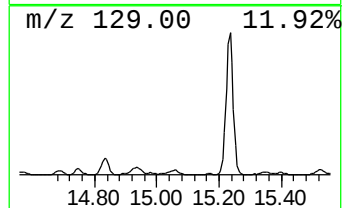
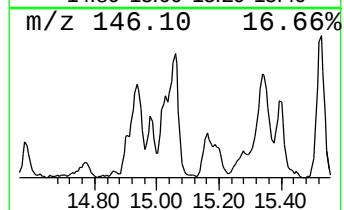
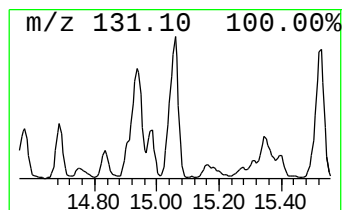
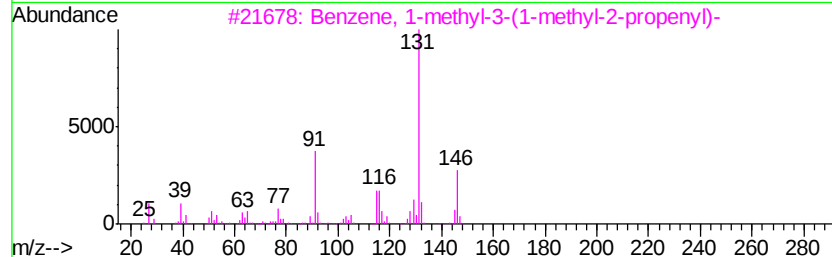
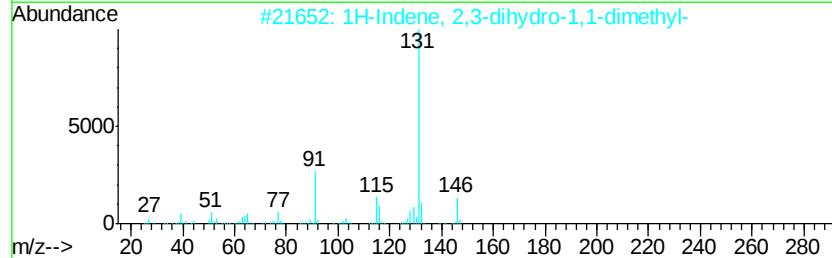
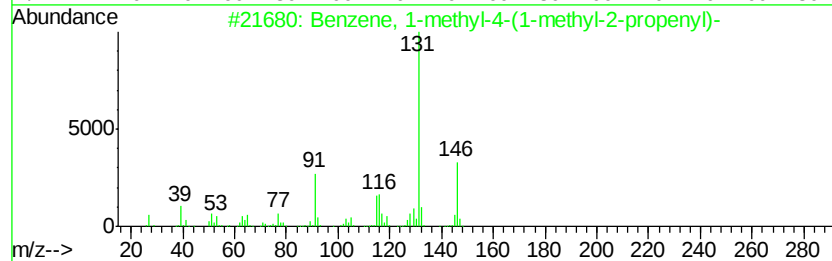
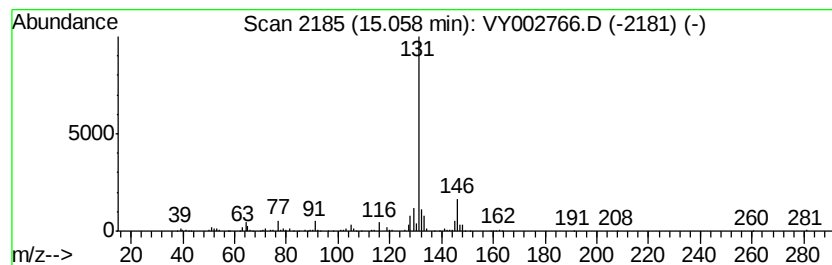
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-methyl-4-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	15.63 ug/l	349783	1,4-Dichlorobenzene-d4	13.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91	
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90	
3	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	86	
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	86	
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	86	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
Data File : VY002766.D
Acq On : 27 May 2020 16:02
Operator : SY/MD
Sample : L2776-01
Misc : 5.56G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

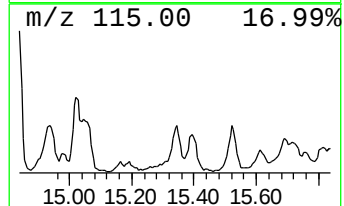
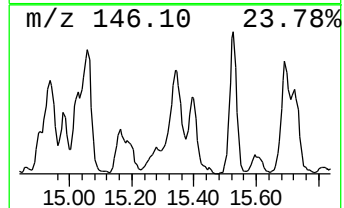
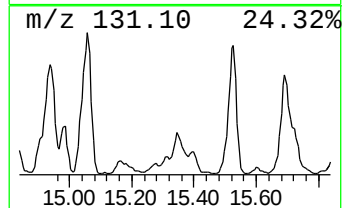
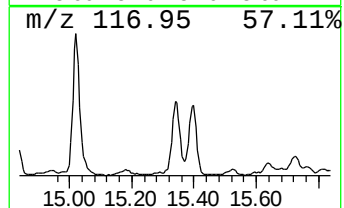
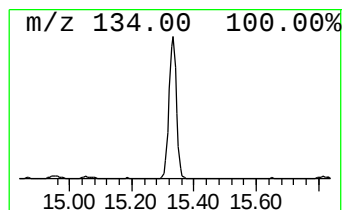
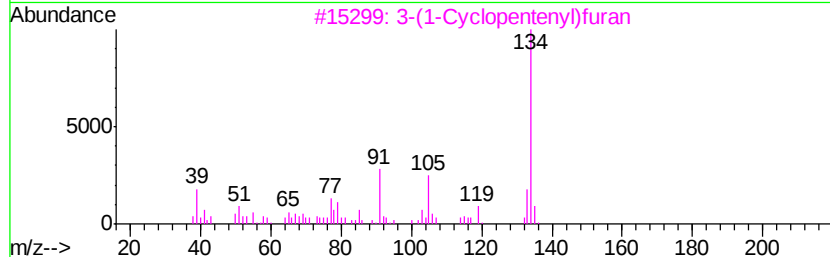
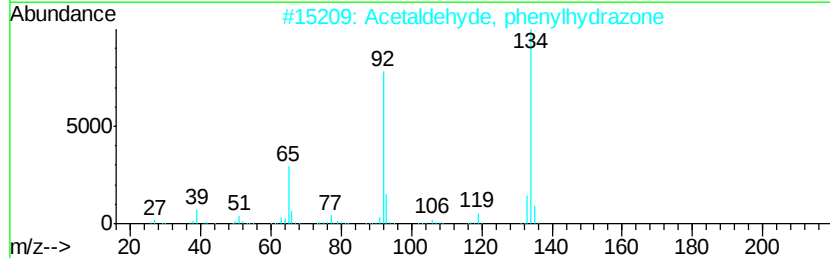
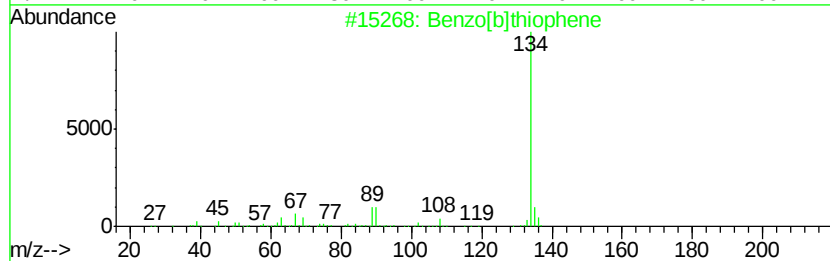
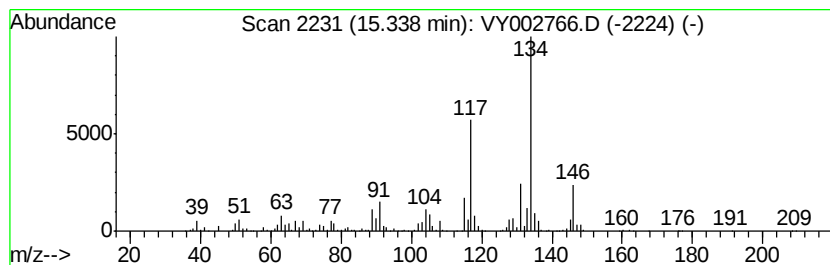
Instrument :
MSVOA_Y
ClientSampleId :
351

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260

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

Peak Number 6 unknown15.34 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.34	17.78 ug/l	397999	1,4-Dichlorobenzene-d4	13.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[blthiophene	134	C8H6S	000095-15-8	45
2	Acetaldehyde, phenylhydrazone	134	C8H10N2	000935-07-9	35
3	3-(1-Cvclopentenyl)furan	134	C9H10O	115754-79-5	35
4	2-Benzoxazamine	134	C7H6N2O	004570-41-6	30
5	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
Data File : VY002766.D
Acq On : 27 May 2020 16:02
Operator : SY/MD
Sample : L2776-01
Misc : 5.56G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

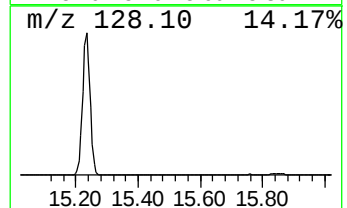
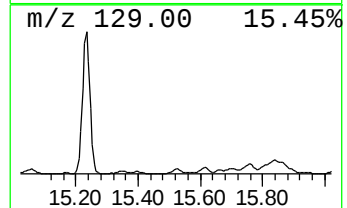
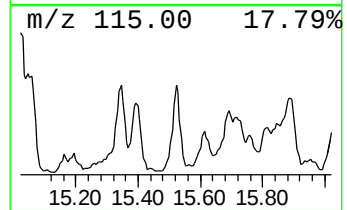
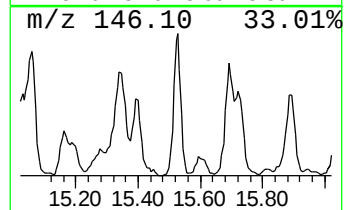
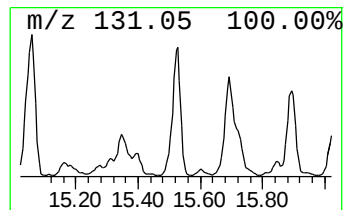
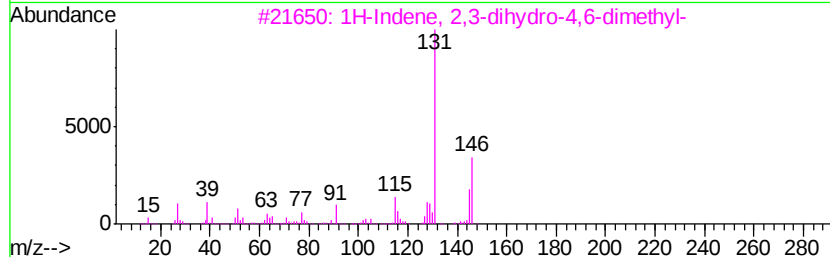
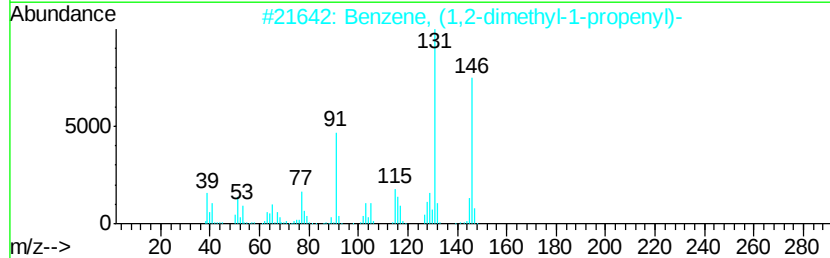
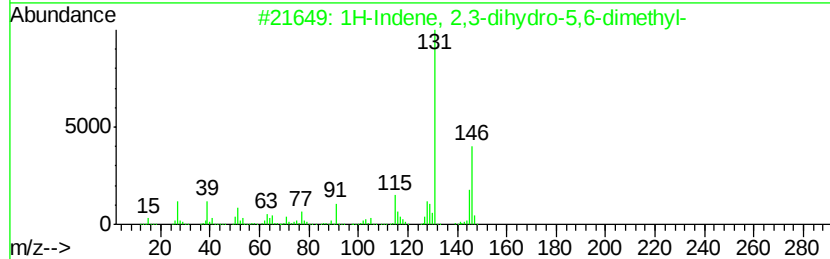
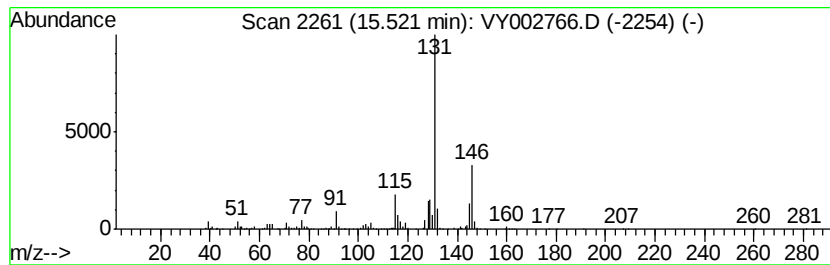
Instrument :
MSVOA_Y
ClientSampleId :
351

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260

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

Peak Number 7 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	13.78 ug/l	308441	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1H-Indene, 2,3-dihydro-5,6-dimet...	146 C11H14	001075-22-5	94
2	Benzene, (1,2-dimethyl-1-propenyl)-	146 C11H14	000769-57-3	94
3	1H-Indene, 2,3-dihydro-4,6-dimet...	146 C11H14	001685-82-1	93
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146 C11H14	006682-71-9	93
5	Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
Data File : VY002766.D
Acq On : 27 May 2020 16:02
Operator : SY/MD
Sample : L2776-01
Misc : 5.56G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
351

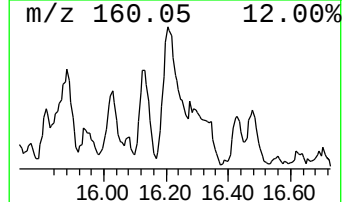
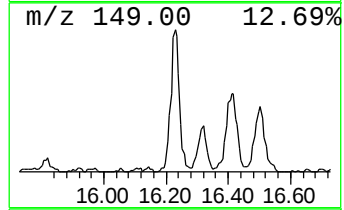
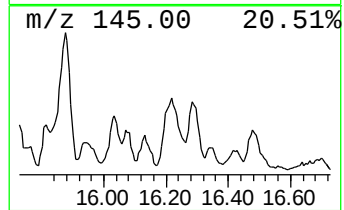
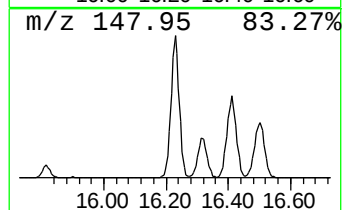
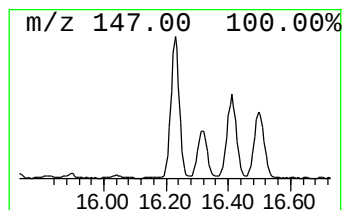
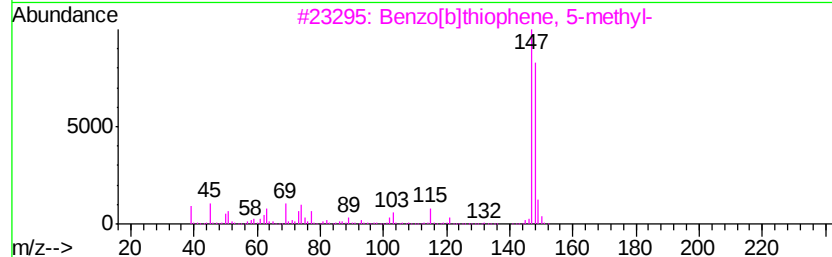
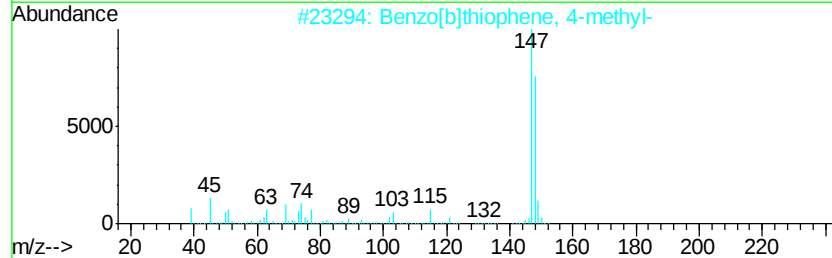
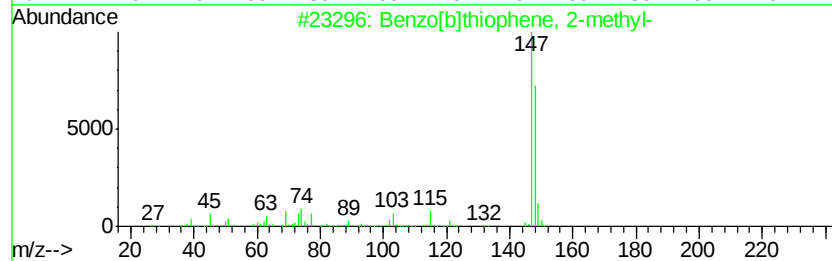
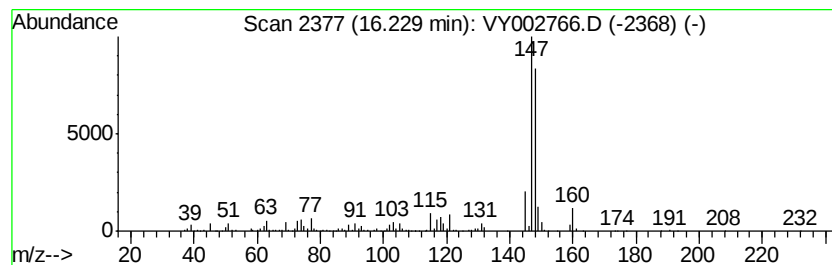
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzo[b]thiophene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	15.47 ug/l	346383	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	81
2		Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	81
3		Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	74
4		Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	74
5		3-Methylbenzothiophene	148	C9H8S	001455-18-1	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
Data File : VY002766.D
Acq On : 27 May 2020 16:02
Operator : SY/MD
Sample : L2776-01
Misc : 5.56G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

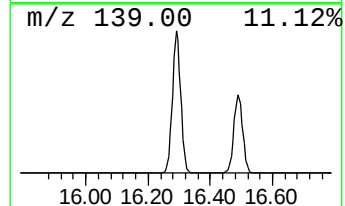
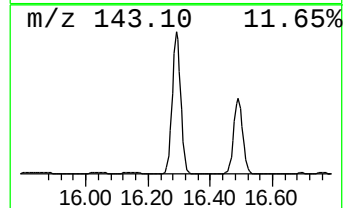
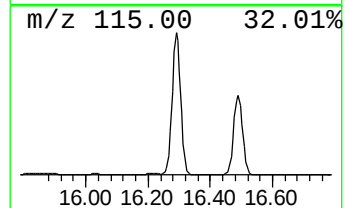
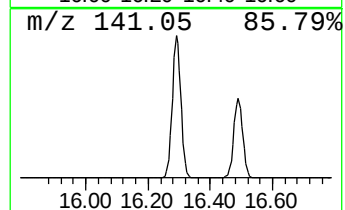
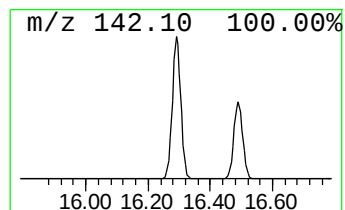
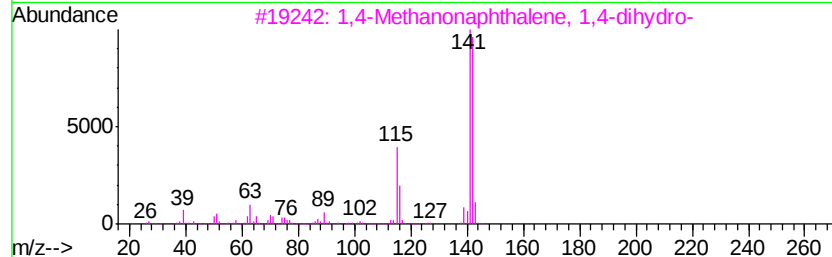
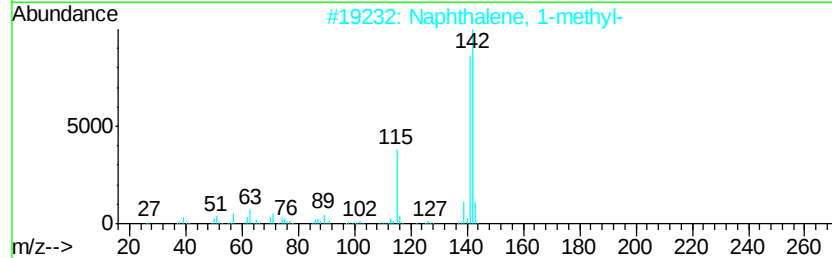
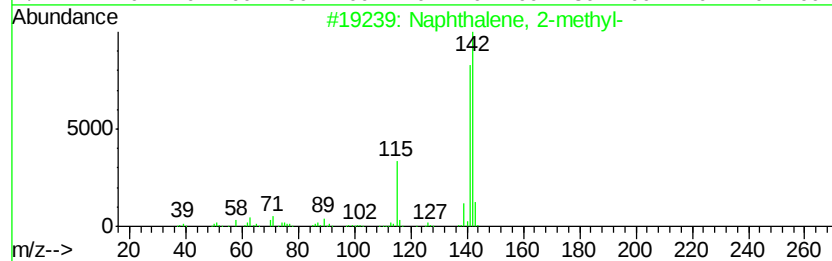
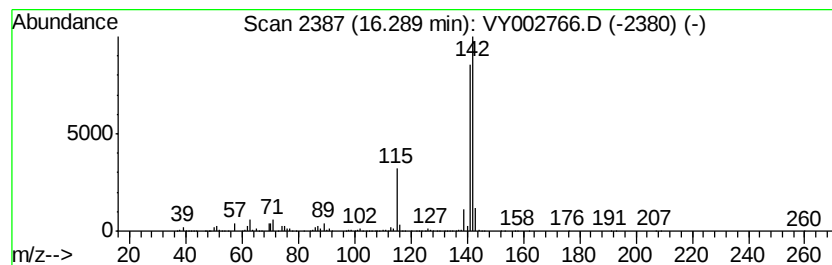
Instrument :
MSVOA_Y
ClientSampleId :
351

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.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	676.31 ug/l	15139500	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		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 64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY052720\
Data File : VY002766.D
Acq On : 27 May 2020 16:02
Operator : SY/MD
Sample : L2776-01
Misc : 5.56G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
351

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.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-etheny...	14.56	12.6	ug/l	282917	4	13.42	1119270	50.0
Benzene, 2-etheny...	14.69	28.8	ug/l	644071	4	13.42	1119270	50.0
Naphthalene, 1,2,...	14.83	24.8	ug/l	555604	4	13.42	1119270	50.0
Benzene, (3-methy...	14.94	17.2	ug/l	386000	4	13.42	1119270	50.0
Benzene, 1-methyl...	15.06	15.6	ug/l	349783	4	13.42	1119270	50.0
unknown15.34	15.34	17.8	ug/l	397999	4	13.42	1119270	50.0
1H-Indene, 2,3-di...	15.52	13.8	ug/l	308441	4	13.42	1119270	50.0
Benzo[b]thiophene...	16.23	15.5	ug/l	346383	4	13.42	1119270	50.0
Naphthalene, 1-me...	16.29	676.3	ug/l	15139500	4	13.42	1119270	50.0