

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
 Data File : VY004768.D
 Acq On : 13 May 2021 17:31
 Operator : SY/MD
 Sample : M2383-06
 Misc : 3.19G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP-01-05112021

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\82Y051021S.M

Title : SW846 8260

Signal : TIC: VY004768.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.204	378	391	420	rBV	1826335	5031849	13.51%	5.625%
2	7.801	975	981	992	rVB	207996	458549	1.23%	0.513%
3	8.167	1024	1041	1053	rBV3	473290	1282360	3.44%	1.434%
4	8.697	1118	1128	1139	rBV	334930	656764	1.76%	0.734%
5	10.185	1363	1372	1378	rBV	562179	961962	2.58%	1.075%
6	11.495	1577	1587	1593	rBV	523575	837456	2.25%	0.936%
7	11.593	1593	1603	1611	rVV	1559100	2447444	6.57%	2.736%
8	11.709	1611	1622	1632	rVV	2628260	4454628	11.96%	4.980%
9	11.861	1638	1647	1658	rBV2	185378	401466	1.08%	0.449%
10	12.032	1670	1675	1684	rVB	1045544	1621977	4.36%	1.813%
11	12.483	1740	1749	1755	rBV2	420797	688958	1.85%	0.770%
12	12.672	1771	1780	1785	rBV	620484	940141	2.53%	1.051%
13	12.739	1785	1791	1794	rVV	1474735	2392936	6.43%	2.675%
14	12.770	1794	1796	1800	rVV	1051834	1368681	3.68%	1.530%
15	12.818	1800	1804	1810	rVB	1441244	2151239	5.78%	2.405%
16	12.977	1823	1830	1839	rBV	1004319	1815476	4.88%	2.030%
17	13.123	1847	1854	1860	rBV	5499142	7853461	21.09%	8.780%
18	13.349	1887	1891	1899	rVB2	202318	449056	1.21%	0.502%
19	13.428	1899	1904	1905	rBV	528468	648513	1.74%	0.725%
20	13.458	1905	1909	1915	rVB	1797654	2759552	7.41%	3.085%
21	13.629	1925	1937	1941	rBV2	1633087	2664484	7.16%	2.979%
22	13.666	1941	1943	1952	rVV3	369351	628597	1.69%	0.703%
23	13.977	1988	1994	1999	rVB2	360276	579183	1.56%	0.648%
24	14.086	2007	2012	2017	rVB2	273101	443350	1.19%	0.496%
25	14.568	2087	2091	2096	rBV2	224860	392837	1.06%	0.439%
26	14.678	2103	2109	2116	rBV2	567590	1201279	3.23%	1.343%
27	14.842	2130	2136	2141	rBV	415495	620858	1.67%	0.694%
28	15.062	2166	2172	2181	rVB2	238126	489084	1.31%	0.547%
29	15.239	2191	2201	2209	rBV	21631476	37232142	100.00%	41.625%
30	15.336	2211	2217	2223	rVV	607983	1071425	2.88%	1.198%
31	16.293	2367	2374	2390	rVB	1706022	3505885	9.42%	3.920%
32	16.495	2399	2407	2419	rVB	654357	1395552	3.75%	1.560%

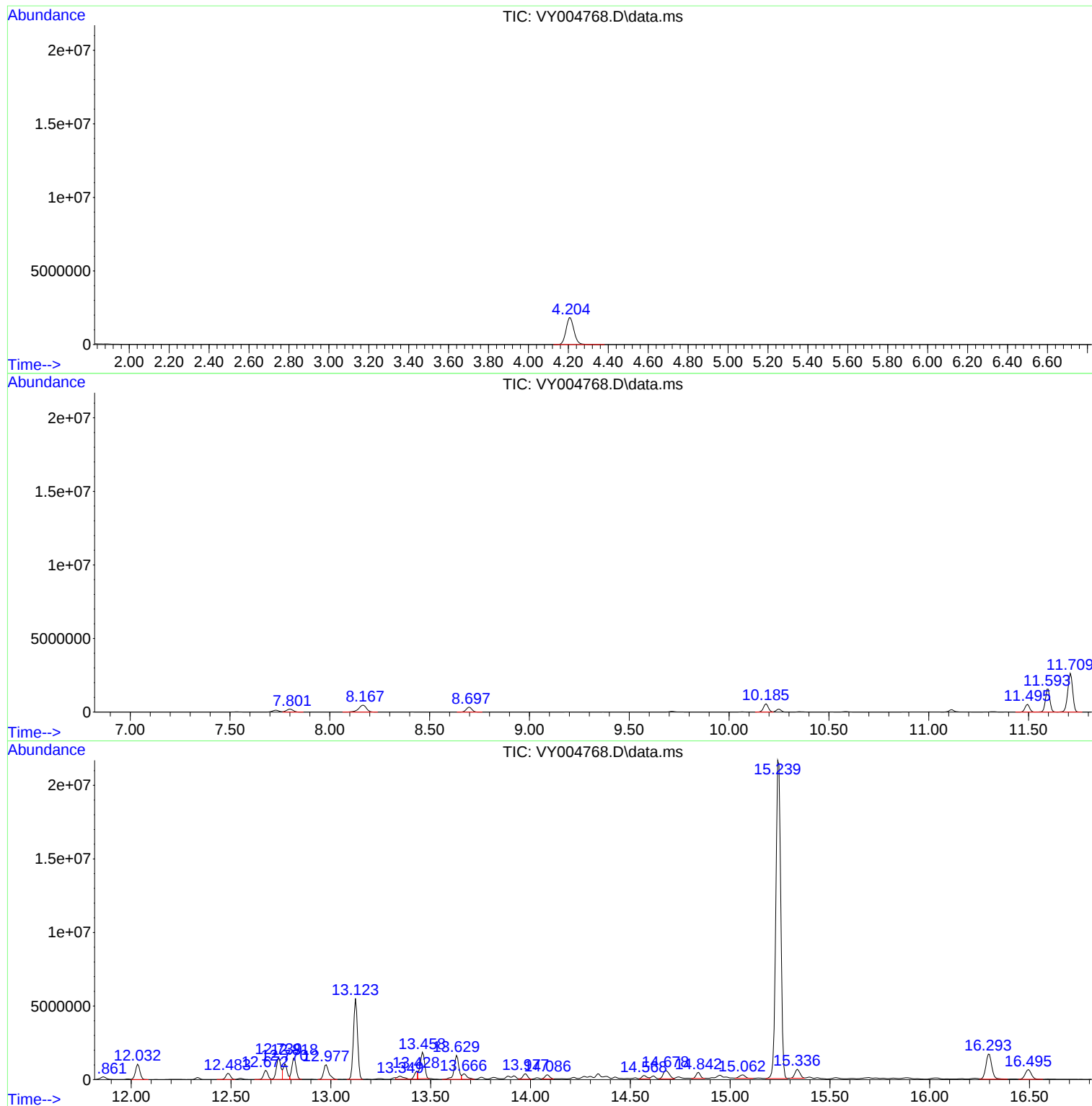
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Misc : 3.19G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DUP-01-05112021

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

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



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Instrument :
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ClientSampleId :
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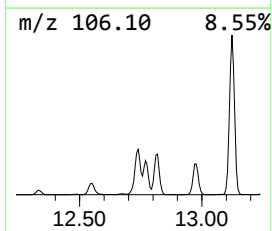
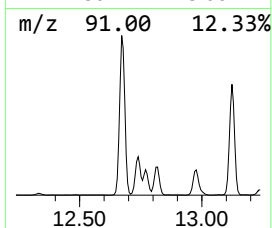
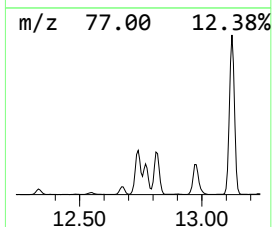
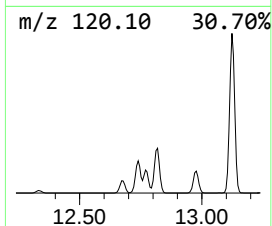
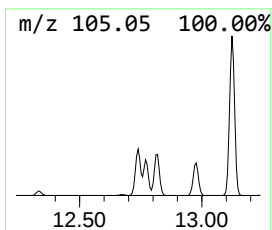
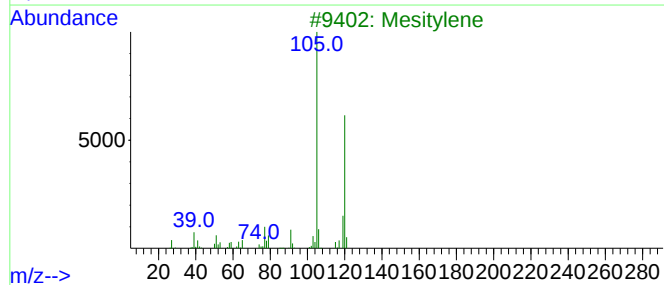
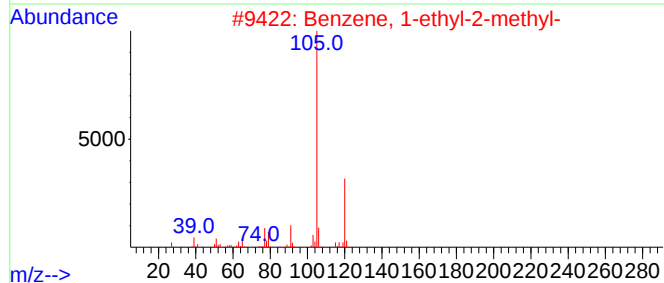
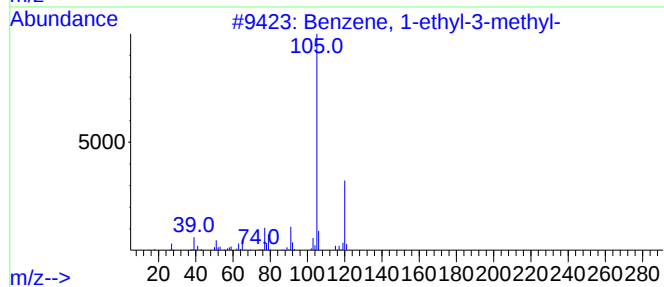
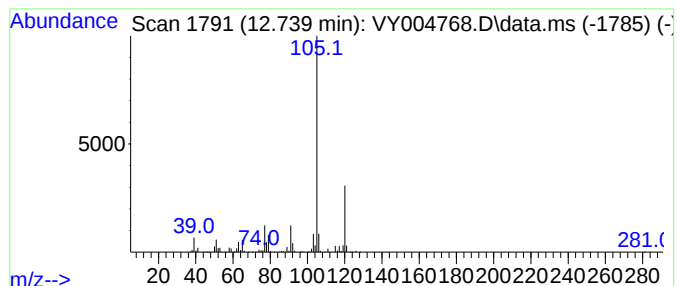
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.739	184.49 ug/l	2392940	1,4-Dichlorobenzene-d4	13.428

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



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MSVOA_Y
ClientSampleId :
DUP-01-05112021

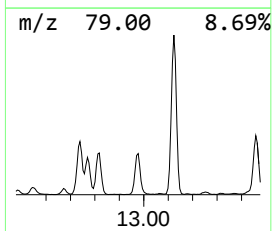
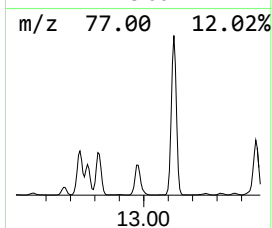
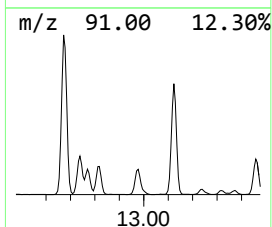
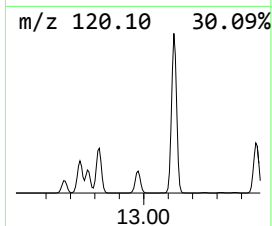
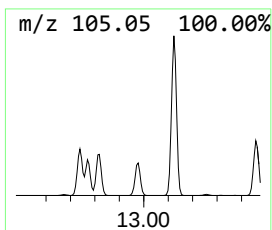
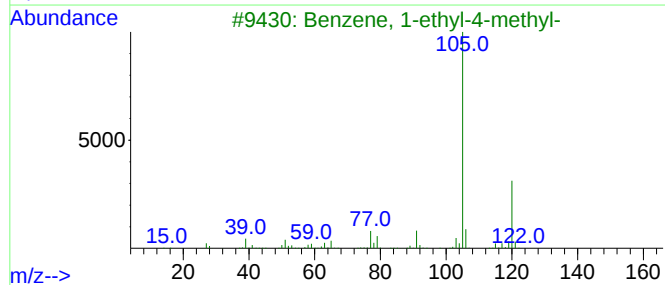
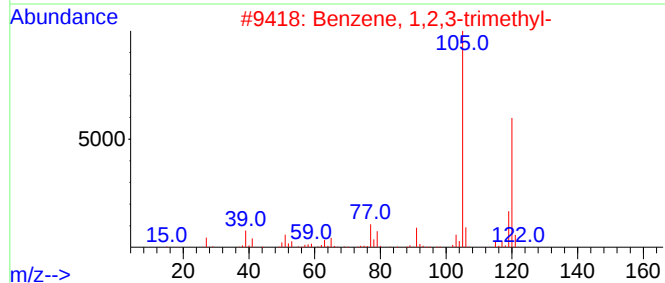
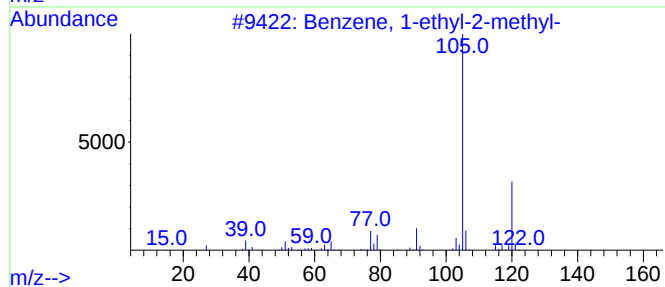
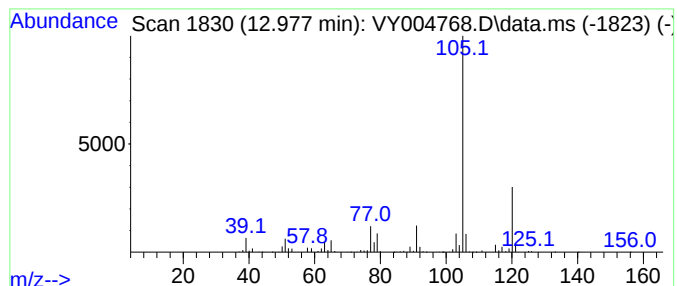
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.977	139.97 ug/l	1815480	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90



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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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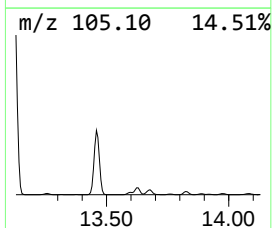
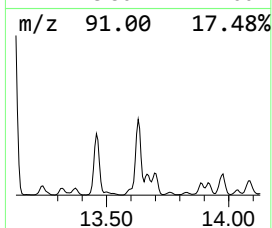
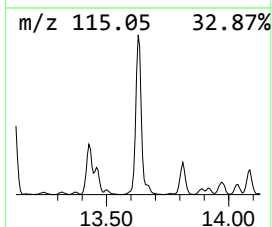
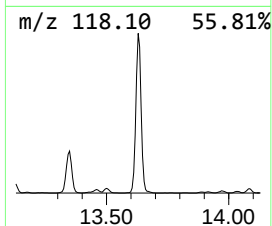
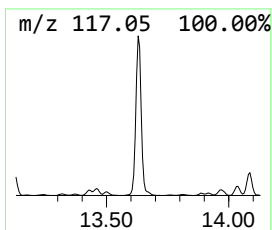
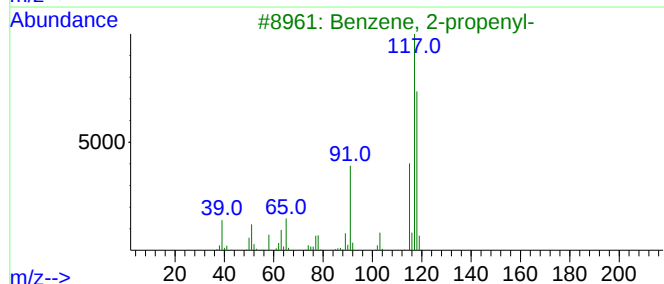
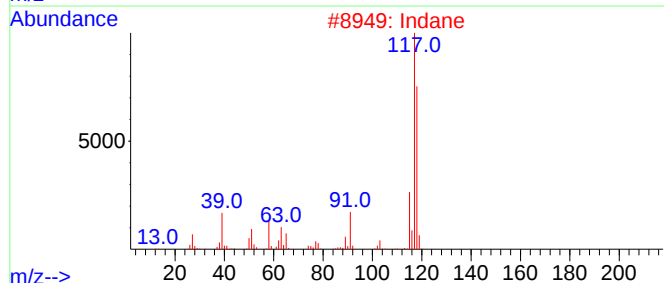
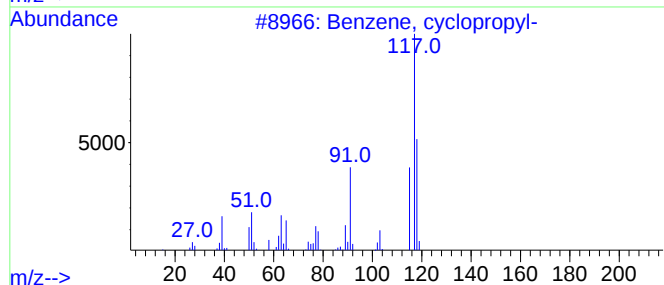
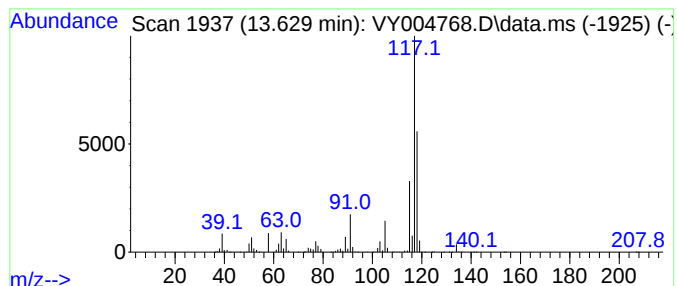
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, cyclopropyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	205.43 ug/l	2664480	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
2			Indane	118	C9H10	000496-11-7	93
3			Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
4			Delta-cyclene	118	C9H10	007785-10-6	68
5			Benzene, 1-propenyl-	118	C9H10	000637-50-3	62



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Misc : 3.19G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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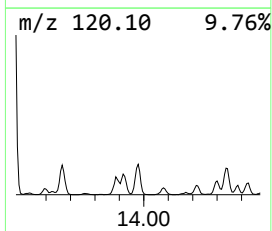
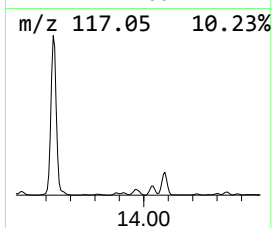
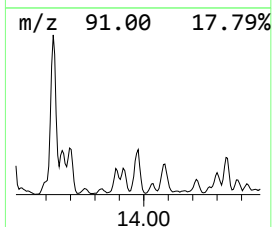
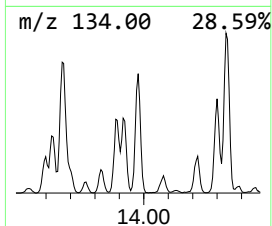
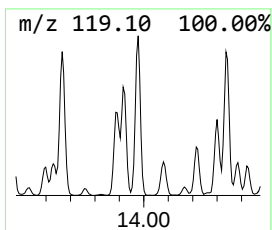
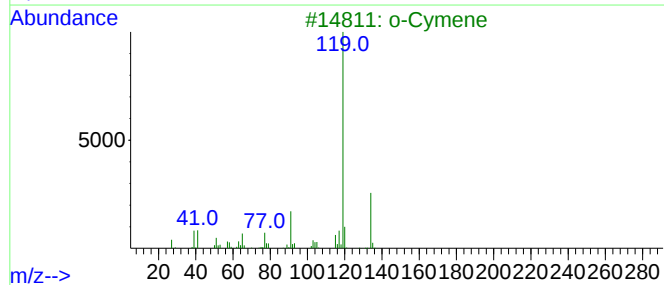
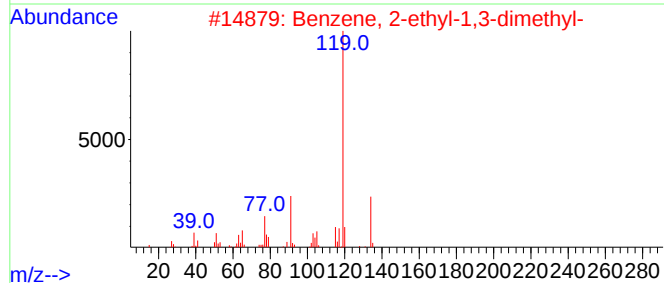
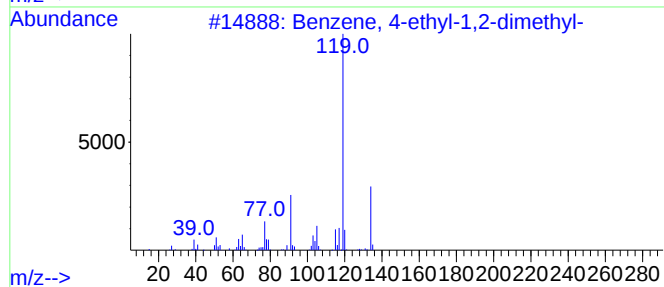
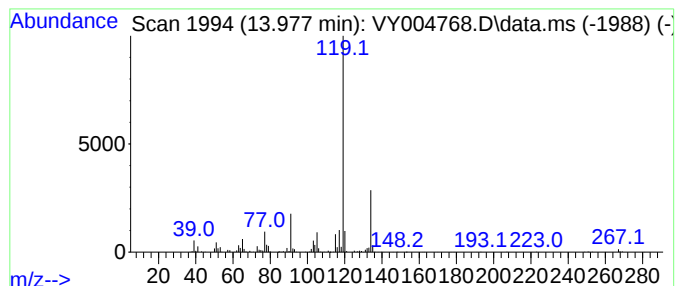
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.977	44.65 ug/l	579183	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3			o-Cymene	134	C10H14	000527-84-4	95
4			p-Cymene	134	C10H14	000099-87-6	95
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95



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Instrument :
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ClientSampleId :
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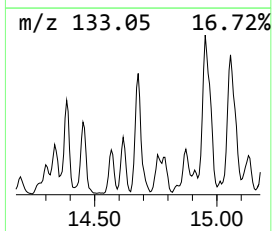
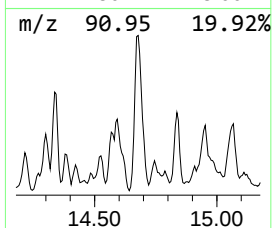
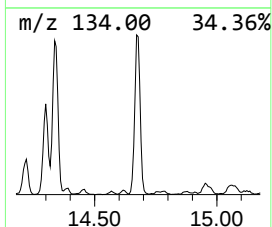
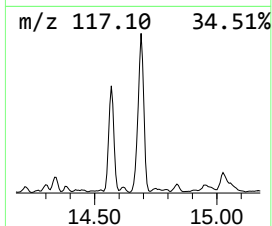
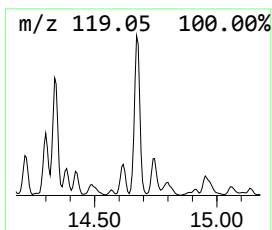
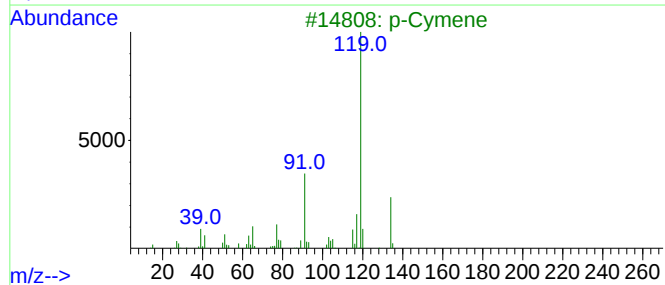
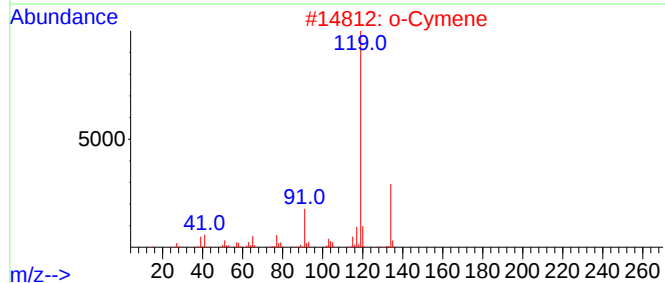
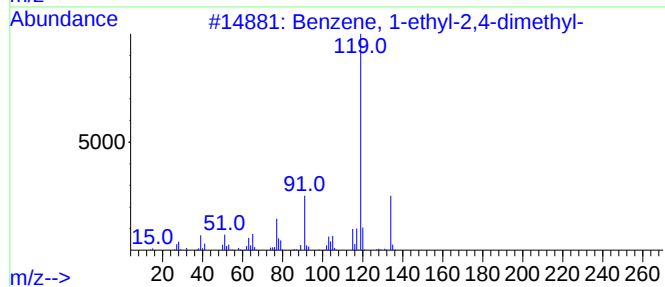
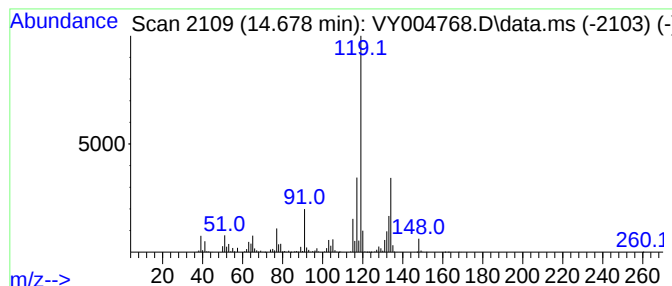
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	92.62 ug/l	1201280	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	92
2			o-Cymene	134	C10H14	000527-84-4	70
3			p-Cymene	134	C10H14	000099-87-6	70
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70



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DUP-01-05112021

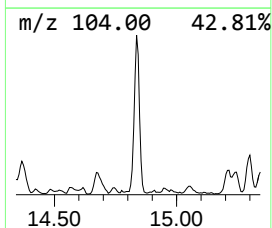
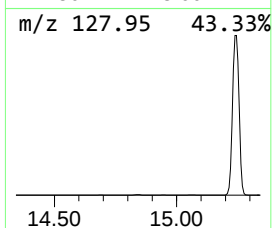
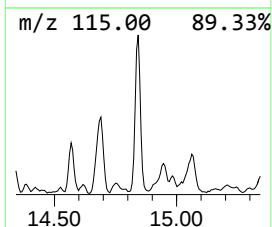
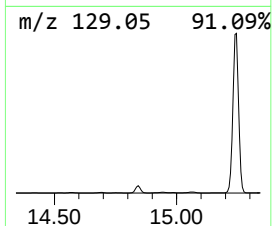
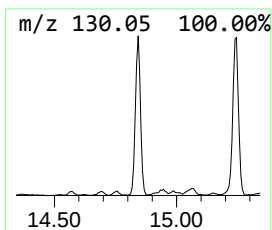
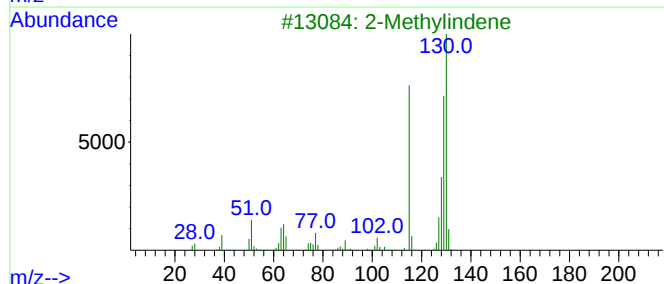
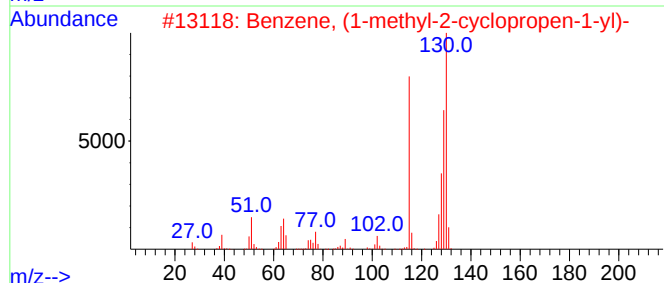
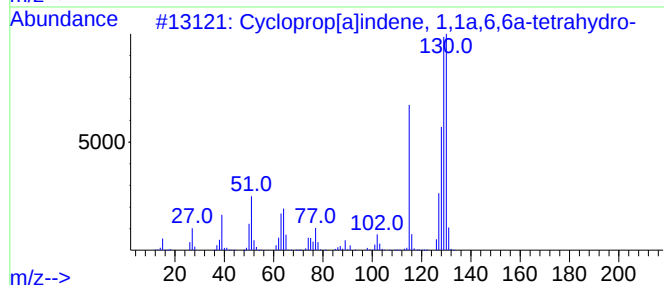
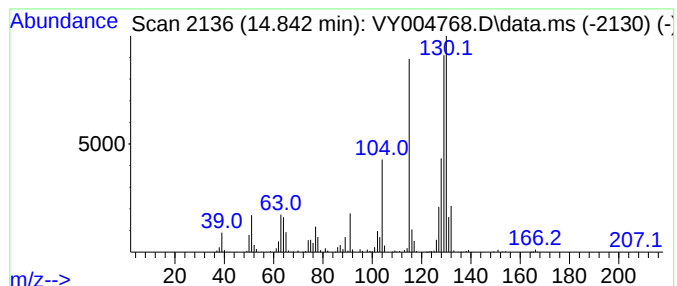
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Quant Title : SW846 8260

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

Peak Number 6 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.842	47.87 ug/l	620858	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	97
2			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94
3			2-Methylindene	130	C10H10	002177-47-1	94
4			Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	93
5			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	89



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
Data File : VY004768.D
Acq On : 13 May 2021 17:31
Operator : SY/MD
Sample : M2383-06
Misc : 3.19G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DUP-01-05112021

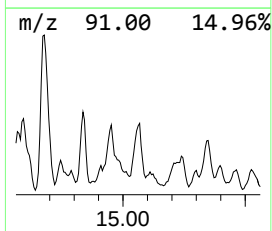
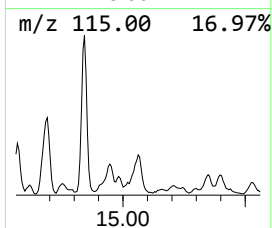
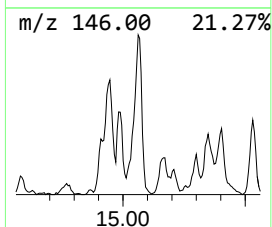
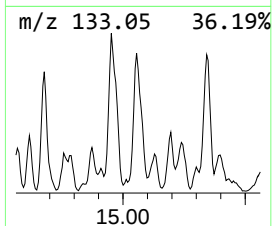
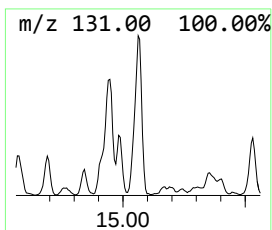
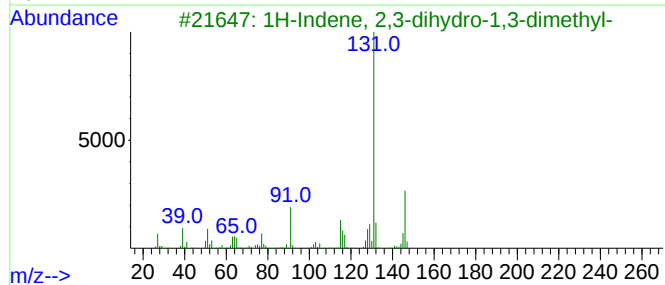
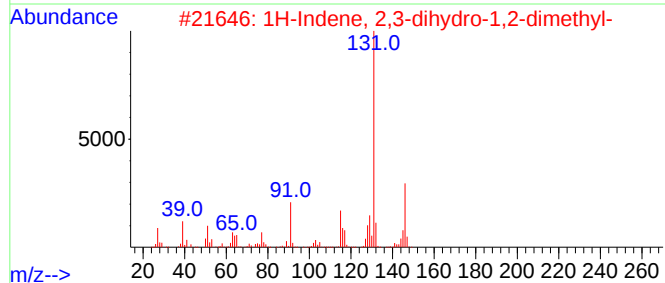
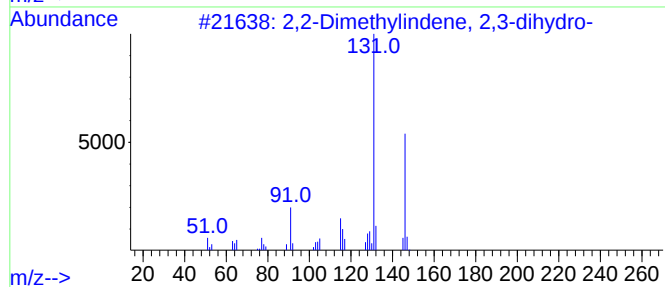
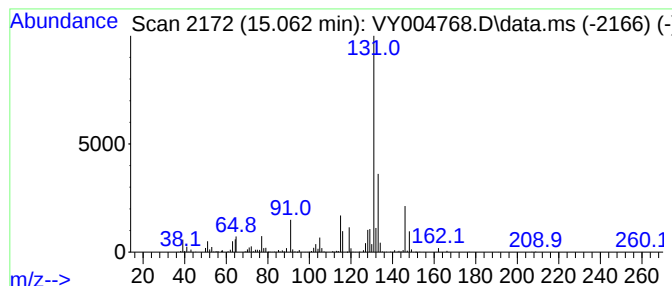
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Quant Title : SW846 8260

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

Peak Number 7 2,2-Dimethylindene, 2,3-dih... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.062	37.71 ug/l	489084	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	76
2			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	76
3			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
5			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
Data File : VY004768.D
Acq On : 13 May 2021 17:31
Operator : SY/MD
Sample : M2383-06
Misc : 3.19G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DUP-01-05112021

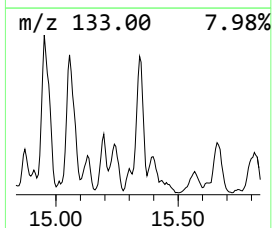
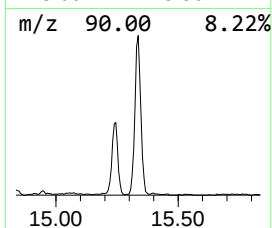
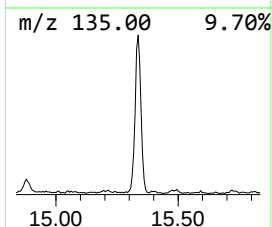
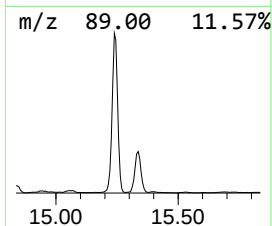
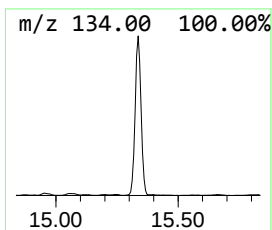
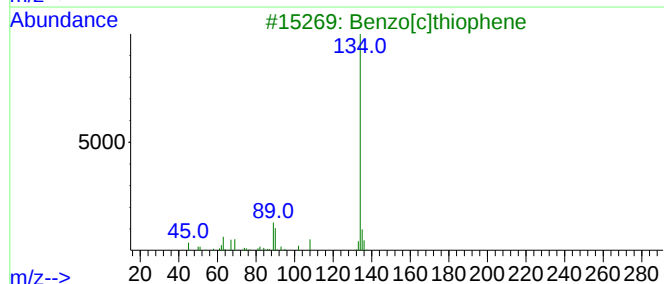
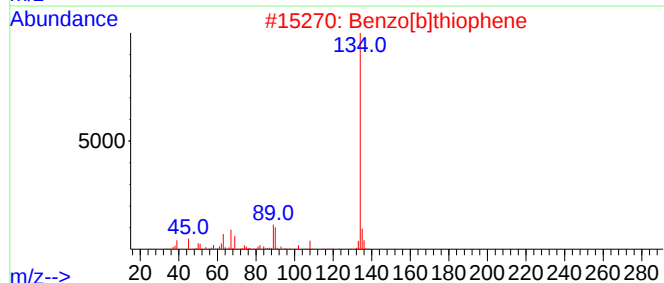
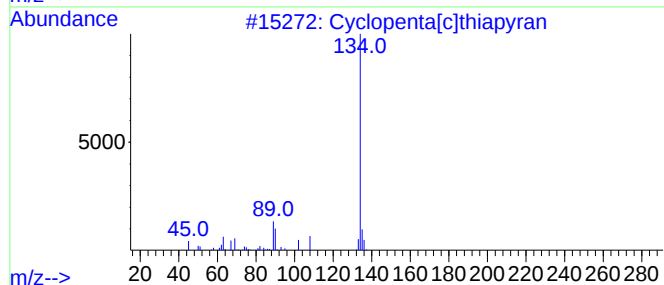
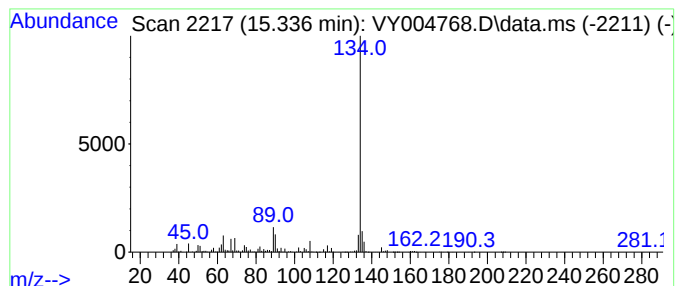
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

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

Peak Number 8 Cyclopenta[c]thiapyran Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.336	82.61 ug/l	1071430	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
2			Benzo[b]thiophene	134	C8H6S	000095-15-8	91
3			Benzo[c]thiophene	134	C8H6S	000270-82-6	91
4			5-Phenyl-1,2,3-thiadiazole	162	C8H6N2S	018212-29-8	72
5			[1]Benzothieno[2',3':3,4]cyclobu...	246	C13H10O3S	034002-19-2	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
Data File : VY004768.D
Acq On : 13 May 2021 17:31
Operator : SY/MD
Sample : M2383-06
Misc : 3.19G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DUP-01-05112021

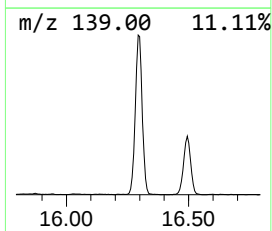
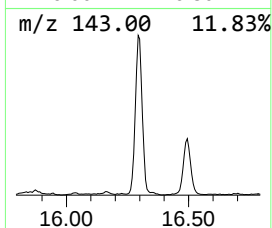
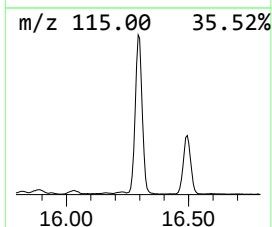
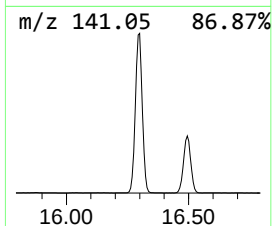
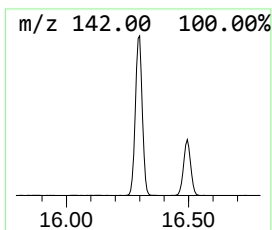
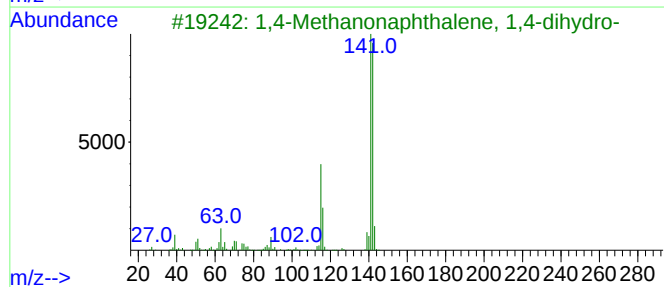
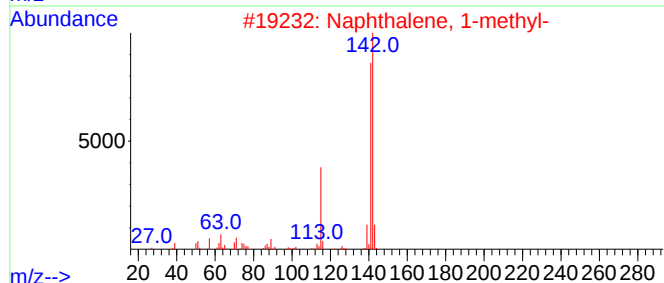
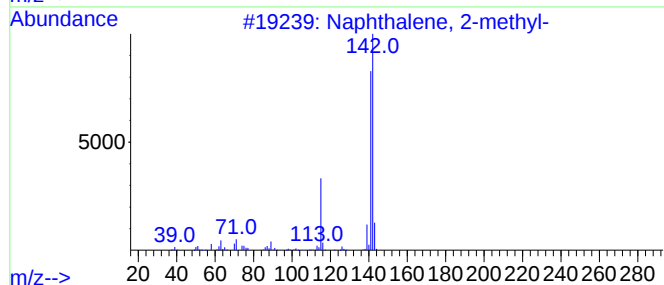
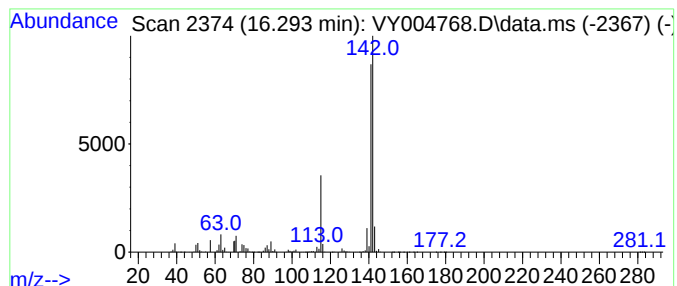
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

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.
16.293	270.30 ug/l	3505890	1,4-Dichlorobenzene-d4	13.428

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-dihy...	142	C11H10	004453-90-1	90
4			Benzocycloheptatriene	142	C11H10	000264-09-5	90
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
Data File : VY004768.D
Acq On : 13 May 2021 17:31
Operator : SY/MD
Sample : M2383-06
Misc : 3.19G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DUP-01-05112021

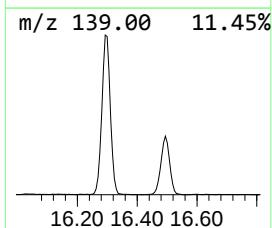
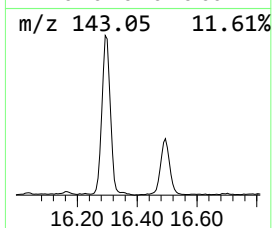
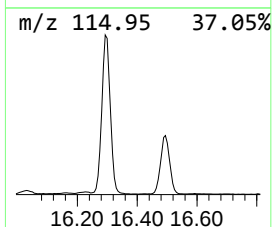
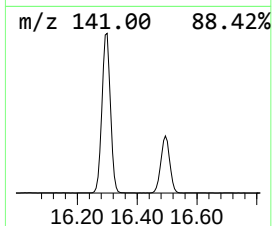
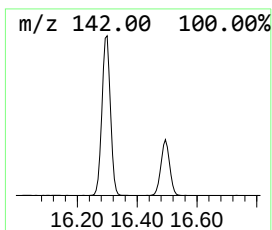
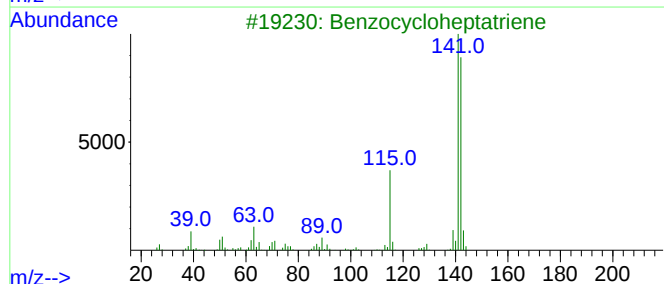
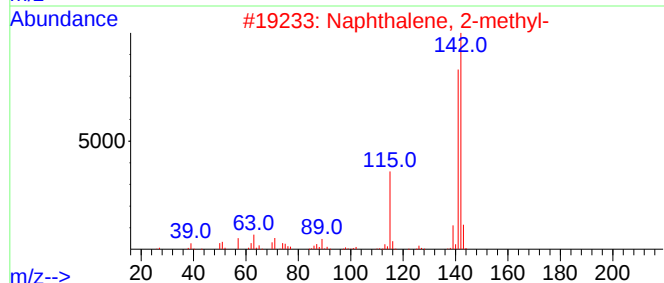
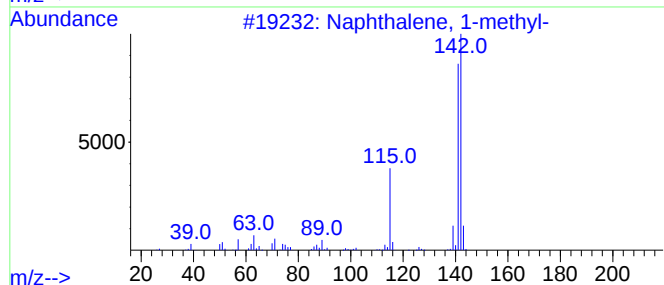
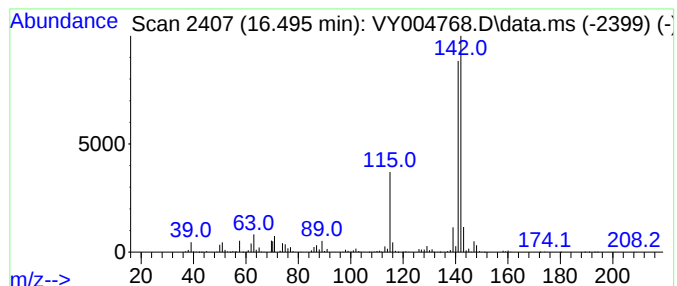
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

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

Peak Number 10 Benzocycloheptatriene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.494	107.60 ug/l	1395550	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Benzocycloheptatriene	142	C11H10	000264-09-5	93
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\VY051321\
Data File : VY004768.D
Acq On : 13 May 2021 17:31
Operator : SY/MD
Sample : M2383-06
Misc : 3.19G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DUP-01-05112021

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.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-ethy...	12.739	184.5	ug/l	2392940	4	13.428	648513	50.0
Benzene, 1-ethy...	12.977	140.0	ug/l	1815480	4	13.428	648513	50.0
Benzene, cyclop...	13.629	205.4	ug/l	2664480	4	13.428	648513	50.0
Benzene, 4-ethy...	13.977	44.6	ug/l	579183	4	13.428	648513	50.0
Benzene, 1-ethy...	14.678	92.6	ug/l	1201280	4	13.428	648513	50.0
Cycloprop[a]ind...	14.842	47.9	ug/l	620858	4	13.428	648513	50.0
2,2-Dimethylind...	15.062	37.7	ug/l	489084	4	13.428	648513	50.0
Cyclopenta[c]th...	15.336	82.6	ug/l	1071430	4	13.428	648513	50.0
Naphthalene, 1-...	16.293	270.3	ug/l	3505890	4	13.428	648513	50.0
Benzocyclohepta...	16.494	107.6	ug/l	1395550	4	13.428	648513	50.0