

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
 Data File : VY004767.D
 Acq On : 13 May 2021 15:59
 Operator : SY/MD
 Sample : M2383-02
 Misc : 2.95G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 KSB-02(7.5-9.5)

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: VY004767.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.210	378	392	424	rBV	2622558	7231521	15.74%	6.211%
2	7.801	975	981	993	rVB	217525	487223	1.06%	0.418%
3	8.167	1021	1041	1054	rBV3	679460	1725702	3.76%	1.482%
4	8.697	1118	1128	1140	rBV	364646	704935	1.53%	0.605%
5	10.184	1365	1372	1378	rBV	581361	993912	2.16%	0.854%
6	11.111	1517	1524	1536	rBV	298511	542746	1.18%	0.466%
7	11.495	1577	1587	1593	rBV	551453	894876	1.95%	0.769%
8	11.599	1593	1604	1611	rVV	2227781	3460641	7.53%	2.972%
9	11.709	1611	1622	1633	rVV	3613398	6201807	13.50%	5.327%
10	11.861	1638	1647	1662	rBV2	363988	749791	1.63%	0.644%
11	12.032	1670	1675	1685	rVB	1474881	2286084	4.98%	1.963%
12	12.483	1740	1749	1755	rBV	433205	702327	1.53%	0.603%
13	12.672	1772	1780	1785	rBV	801138	1208238	2.63%	1.038%
14	12.739	1785	1791	1794	rVV	1925657	3106394	6.76%	2.668%
15	12.769	1794	1796	1800	rVV	1330780	1780262	3.87%	1.529%
16	12.818	1800	1804	1810	rVB	1878046	2740072	5.96%	2.353%
17	12.977	1823	1830	1839	rBV	1327508	2368268	5.15%	2.034%
18	13.123	1848	1854	1861	rVB	6942767	10097892	21.98%	8.673%
19	13.349	1880	1891	1899	rBV2	299844	852040	1.85%	0.732%
20	13.428	1899	1904	1905	rBV	536436	649406	1.41%	0.558%
21	13.458	1905	1909	1915	rVB	2351960	3585500	7.80%	3.079%
22	13.629	1925	1937	1941	rBV2	2112013	3484738	7.58%	2.993%
23	13.666	1941	1943	1953	rVV3	458305	815999	1.78%	0.701%
24	13.976	1989	1994	1999	rVB2	479187	740970	1.61%	0.636%
25	14.086	2007	2012	2018	rVB2	352835	572370	1.25%	0.492%
26	14.342	2050	2054	2057	rBV	355531	484028	1.05%	0.416%
27	14.568	2087	2091	2096	rBV3	312538	537019	1.17%	0.461%
28	14.678	2103	2109	2116	rBV2	791110	1648143	3.59%	1.416%
29	14.842	2131	2136	2141	rBV	527878	789521	1.72%	0.678%
30	15.062	2166	2172	2182	rVB2	368674	757122	1.65%	0.650%
31	15.245	2191	2202	2209	rBV	27089929	45949905	100.00%	39.465%
32	15.342	2209	2218	2223	rBV2	780801	1416861	3.08%	1.217%
33	16.299	2368	2375	2390	rVB	2426671	4913417	10.69%	4.220%
34	16.494	2399	2407	2419	rVB	923174	1952554	4.25%	1.677%

Sum of corrected areas: 116432284

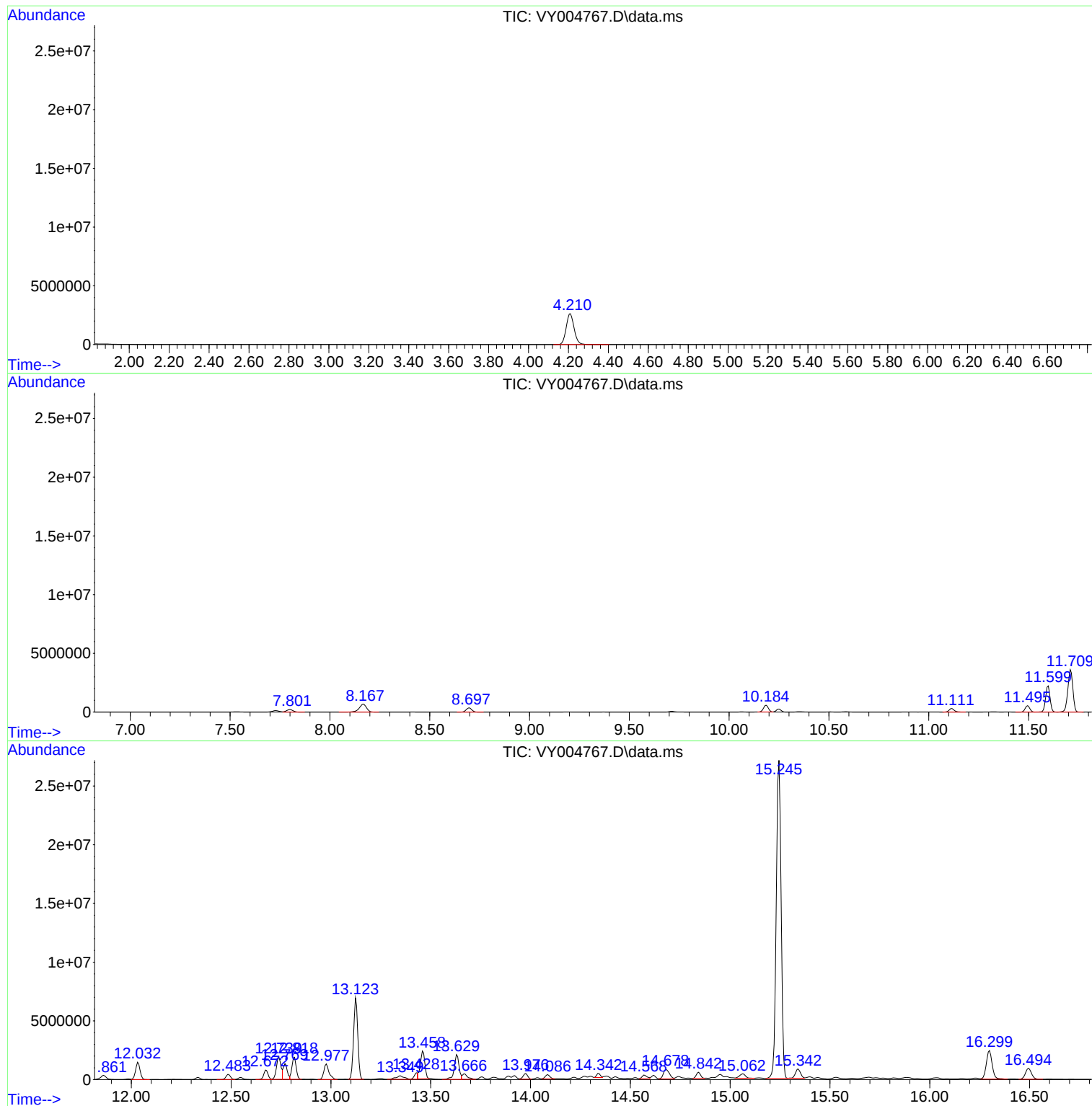
Instrument :
MSVOA_Y
ClientSampleId :
KSB-02(7.5-9.5)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
KSB-02(7.5-9.5)

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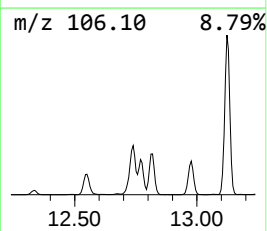
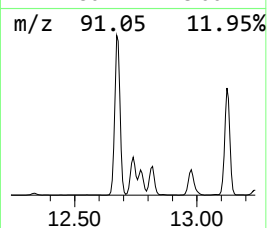
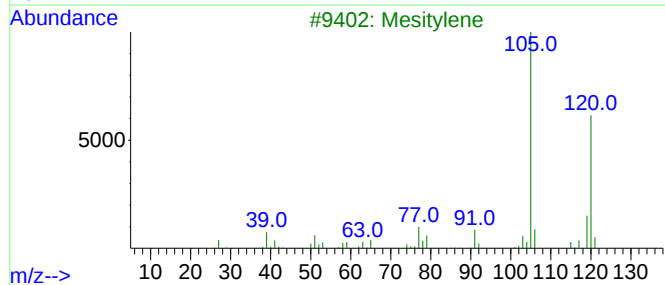
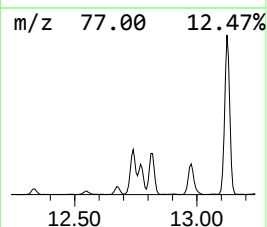
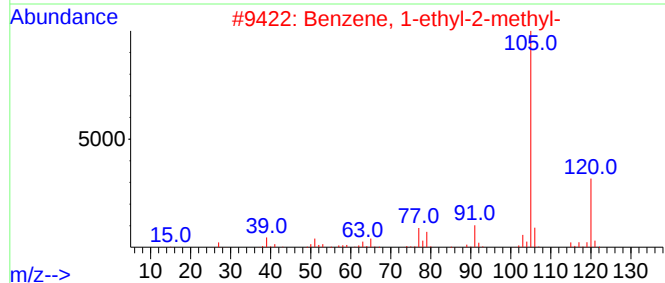
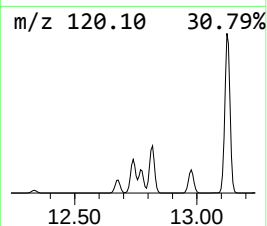
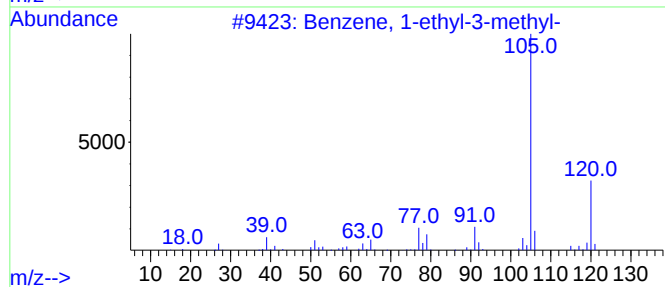
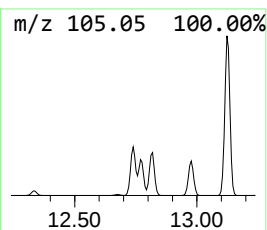
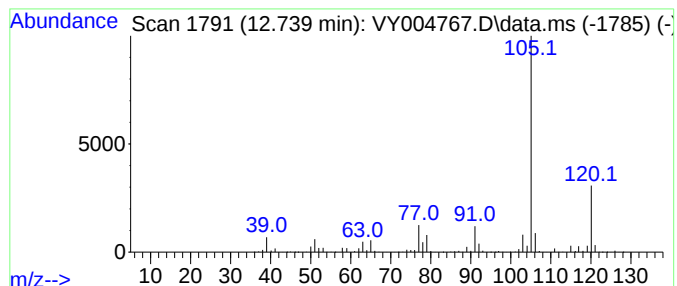
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

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	239.17 ug/l	3106390	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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Instrument :
MSVOA_Y
ClientSampleId :
KSB-02(7.5-9.5)

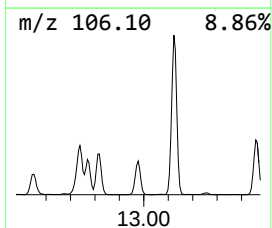
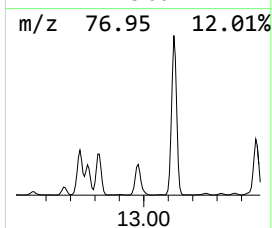
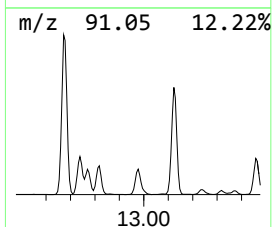
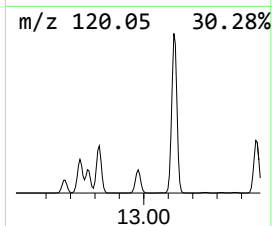
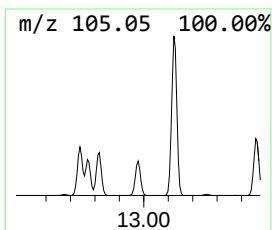
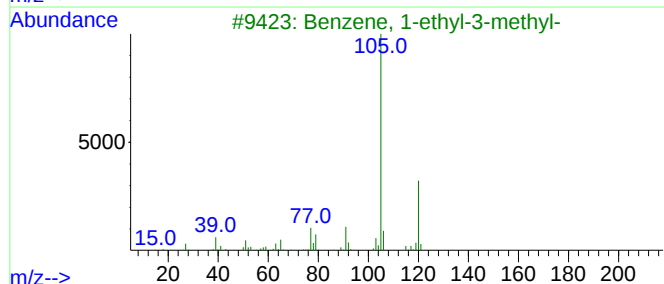
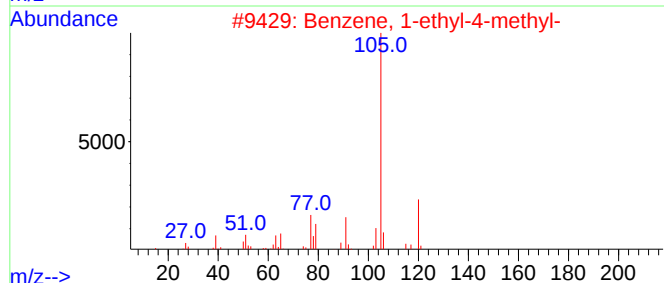
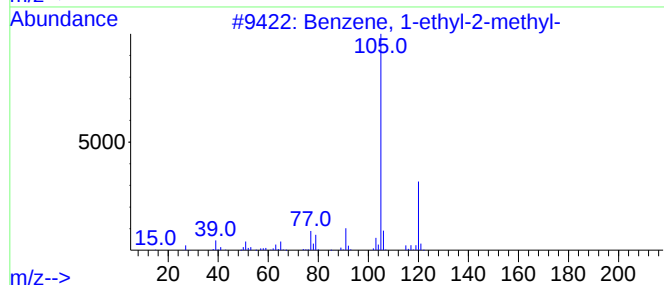
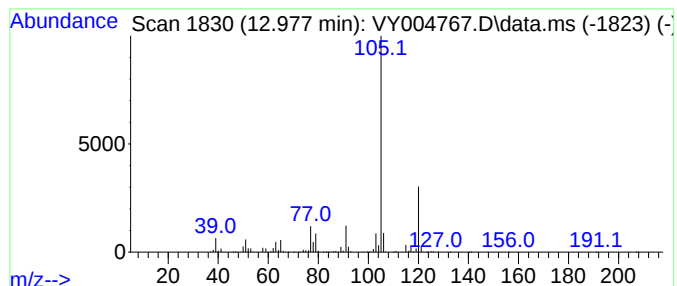
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

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	182.34 ug/l	2368270	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	94
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5			Mesitylene	120	C9H12	000108-67-8	91



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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
KSB-02(7.5-9.5)

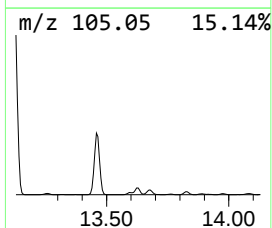
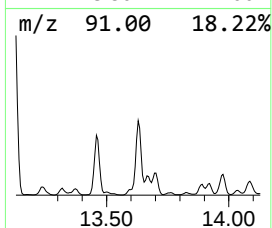
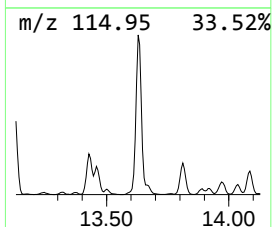
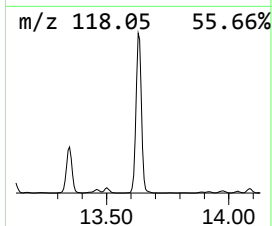
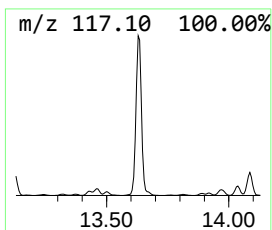
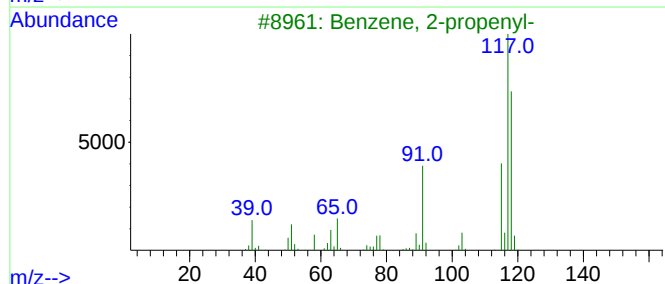
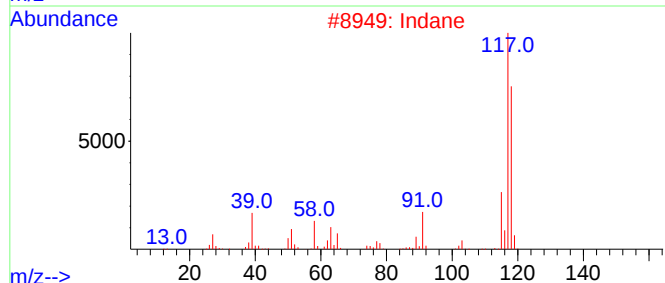
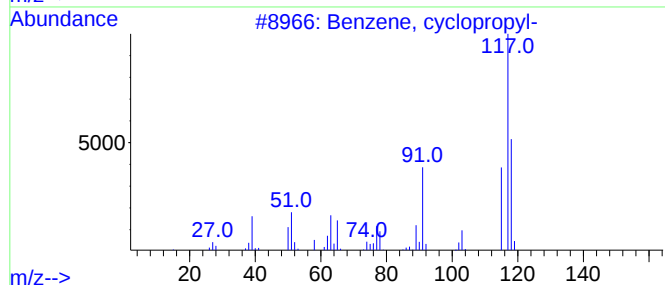
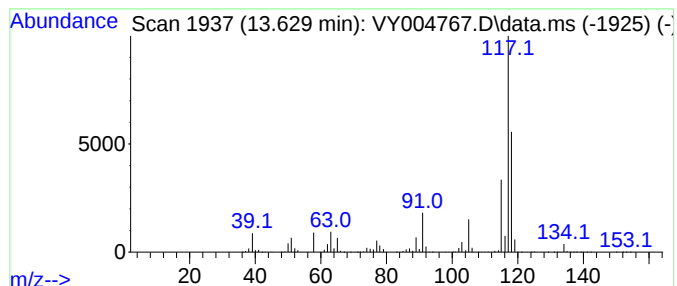
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

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	268.30 ug/l	3484740	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			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
5			Deltacyclene	118	C9H10	007785-10-6	68



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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
KSB-02(7.5-9.5)

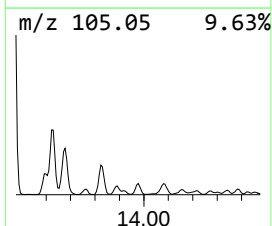
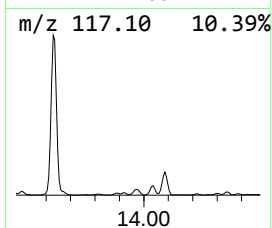
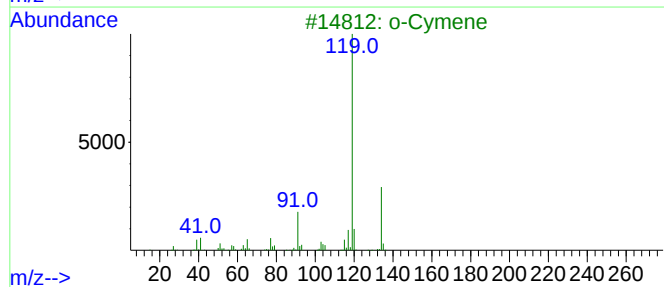
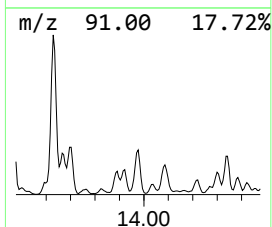
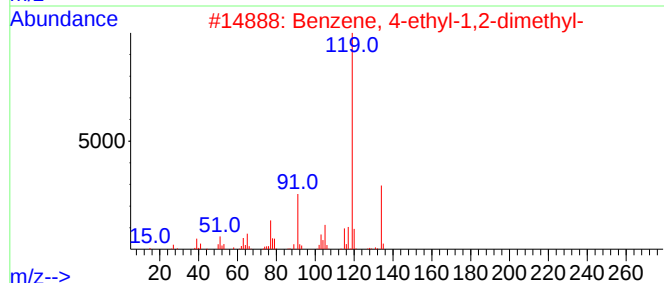
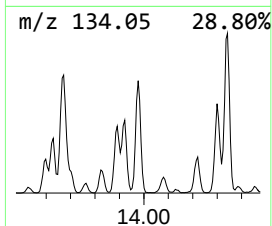
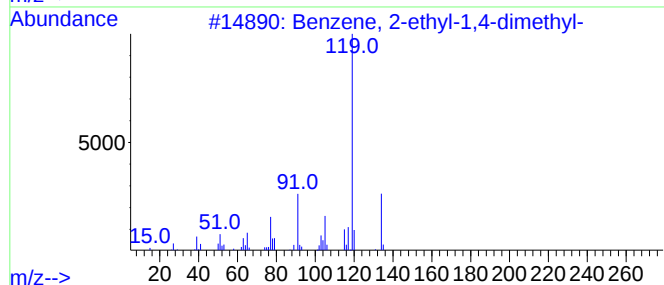
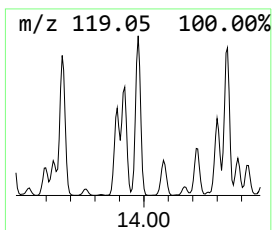
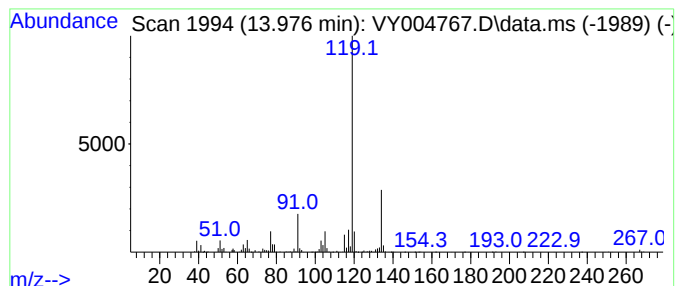
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.977	57.05 ug/l	740970	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3			o-Cymene	134	C10H14	000527-84-4	95
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5			p-Cymene	134	C10H14	000099-87-6	95



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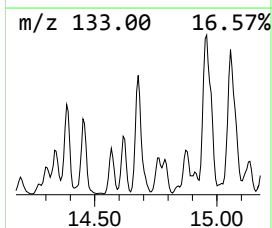
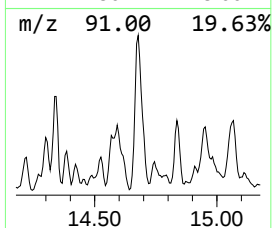
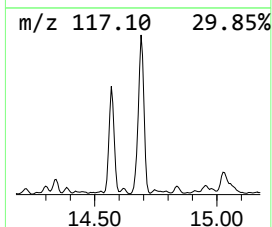
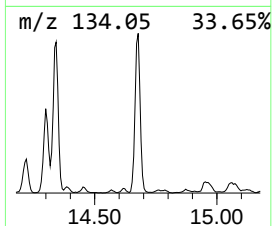
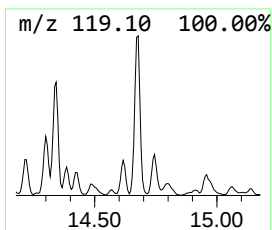
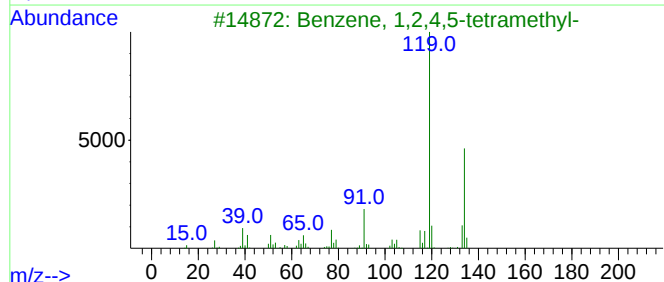
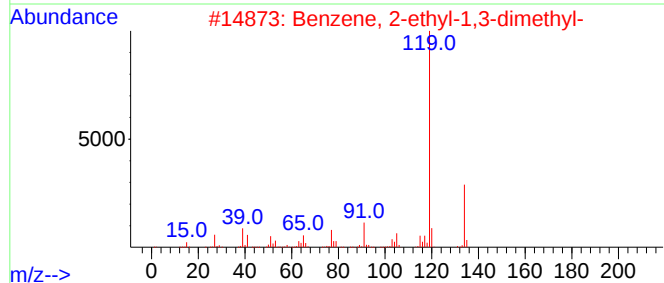
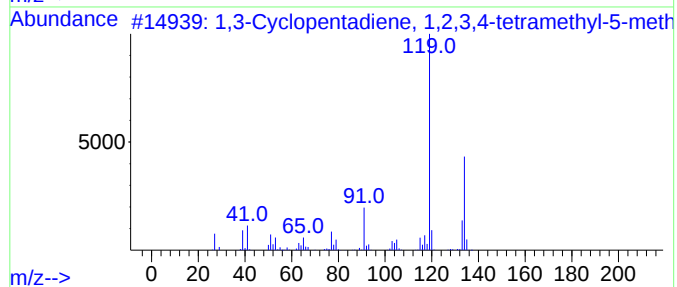
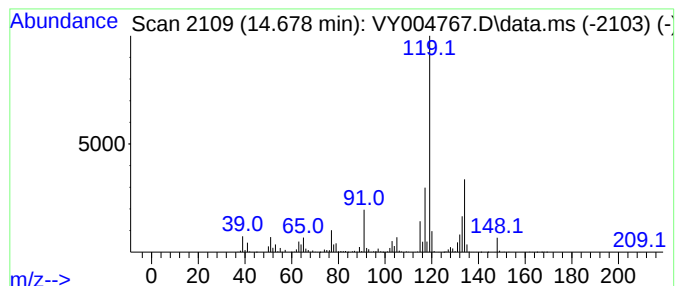
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

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

Peak Number 5 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	126.90 ug/l	1648140	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76
5			o-Cymene	134	C10H14	000527-84-4	76



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MSVOA_Y
ClientSampleId :
KSB-02(7.5-9.5)

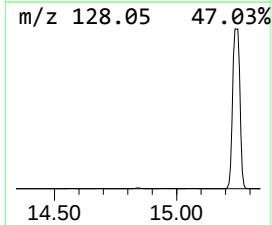
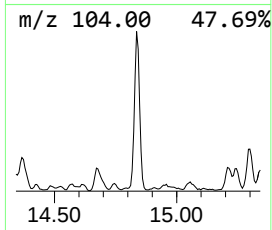
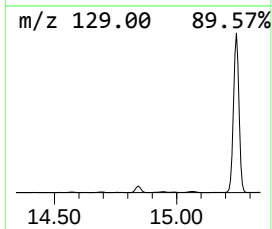
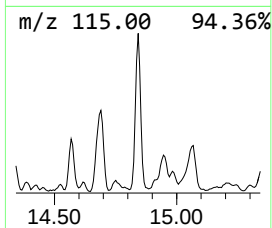
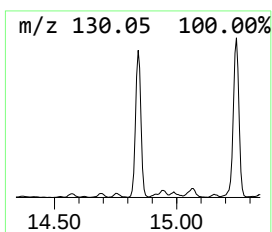
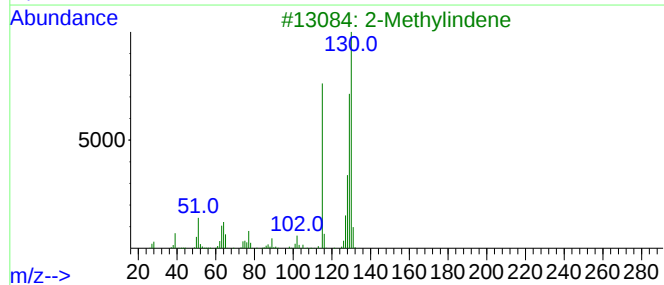
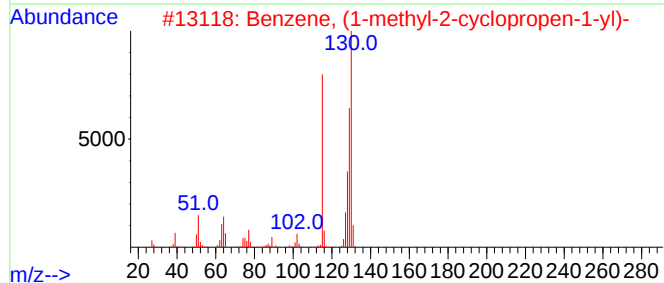
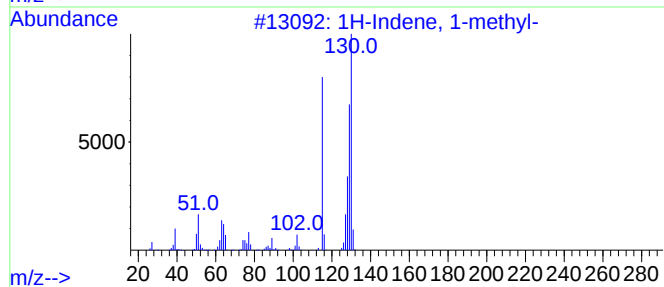
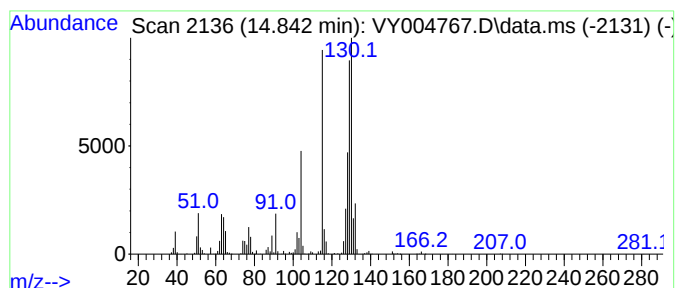
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Quant Title : SW846 8260

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

Peak Number 6 1H-Indene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.842	60.79 ug/l	789521	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2			Benzene, (1-methyl-2-cyclopropen-1-yl)-	130	C10H10	065051-83-4	94
3			2-Methylinene	130	C10H10	002177-47-1	94
4			Cycloprop[a]indene, 1,1a,6,6a-tetrahydro-	130	C10H10	015677-15-3	91
5			1H-Indene, 3-methyl-	130	C10H10	000767-60-2	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
Data File : VY004767.D
Acq On : 13 May 2021 15:59
Operator : SY/MD
Sample : M2383-02
Misc : 2.95G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
KSB-02(7.5-9.5)

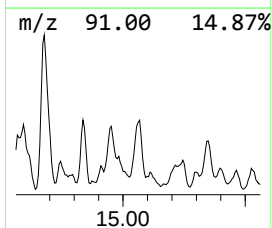
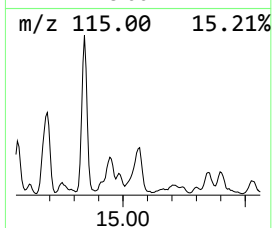
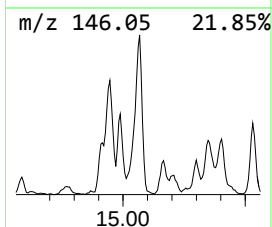
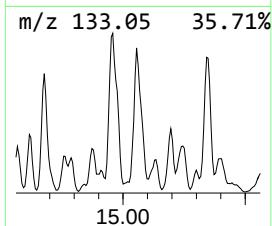
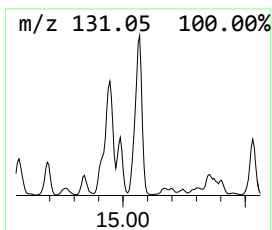
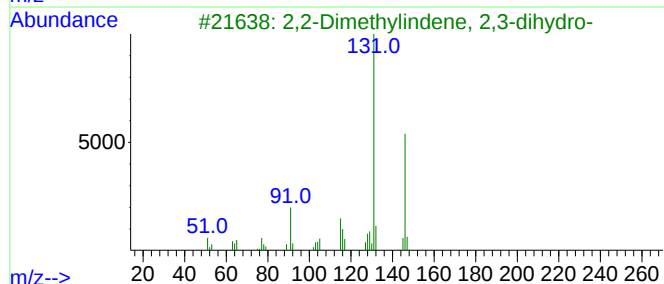
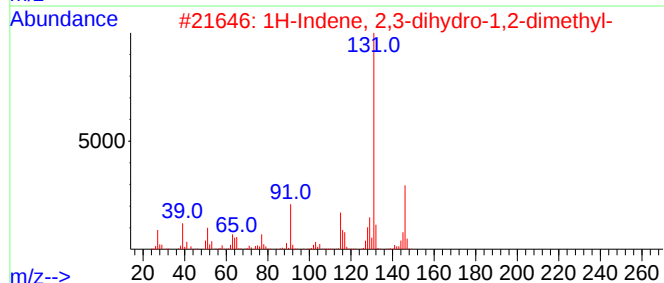
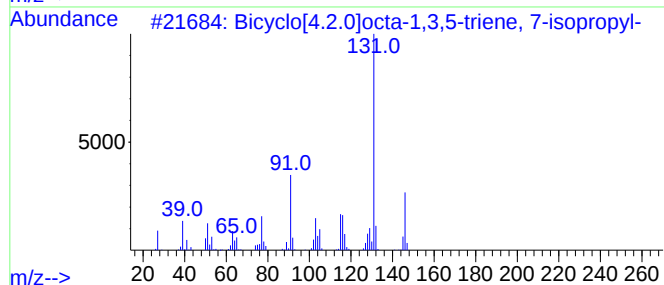
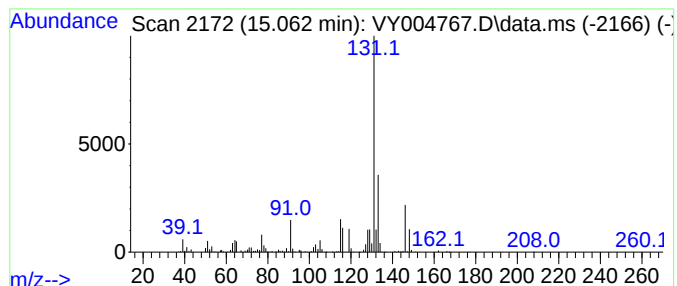
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Quant Title : SW846 8260

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

Peak Number 7 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.062	58.29 ug/l	757122	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	76
2			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	76
3			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	76
4			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	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 : VY004767.D
Acq On : 13 May 2021 15:59
Operator : SY/MD
Sample : M2383-02
Misc : 2.95G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
KSB-02(7.5-9.5)

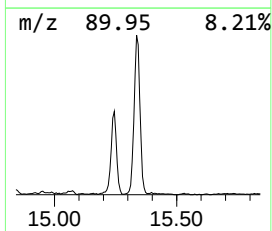
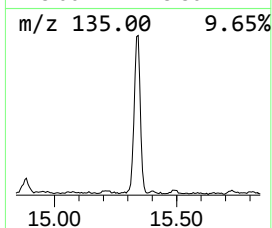
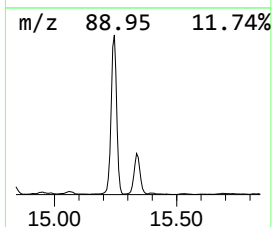
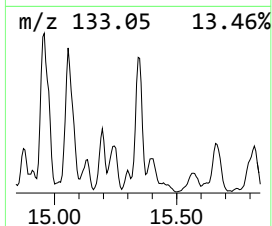
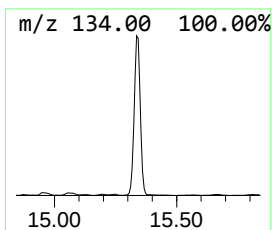
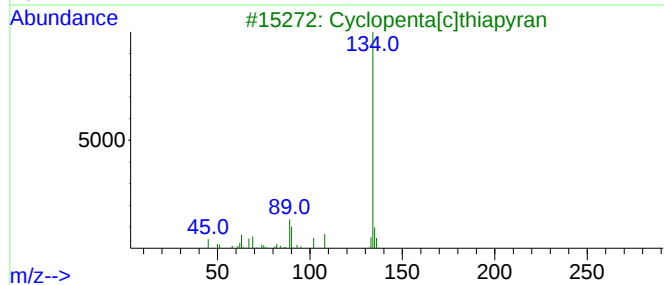
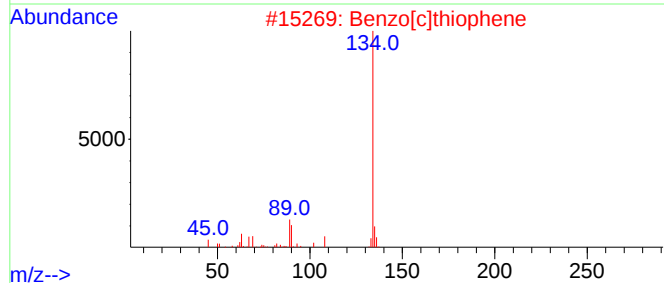
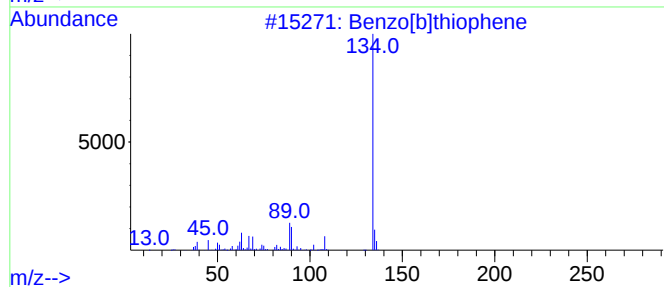
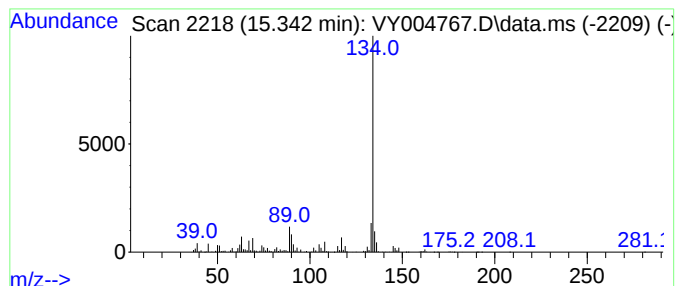
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Quant Title : SW846 8260

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

Peak Number 8 Benzo[b]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.342	109.09 ug/l	1416860	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]thiophene	134	C8H6S	000095-15-8	95
2			Benzo[c]thiophene	134	C8H6S	000270-82-6	93
3			Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	90
4			Acetaldehyde, phenylhydrazone	134	C8H10N2	000935-07-9	53
5			5-Phenyl-1,2,3-thiadiazole	162	C8H6N2S	018212-29-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
Data File : VY004767.D
Acq On : 13 May 2021 15:59
Operator : SY/MD
Sample : M2383-02
Misc : 2.95G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
KSB-02(7.5-9.5)

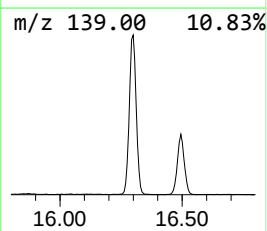
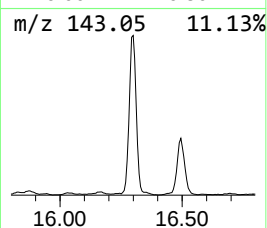
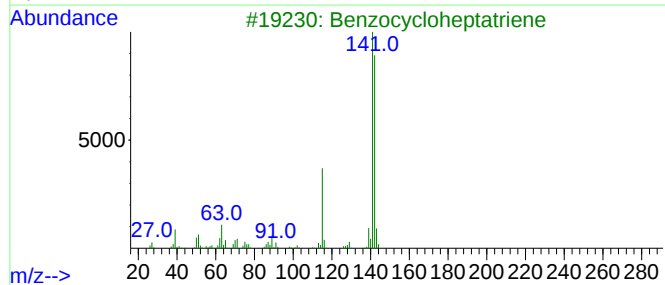
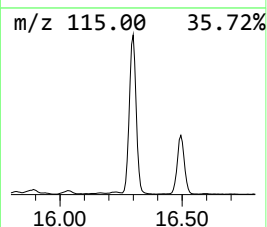
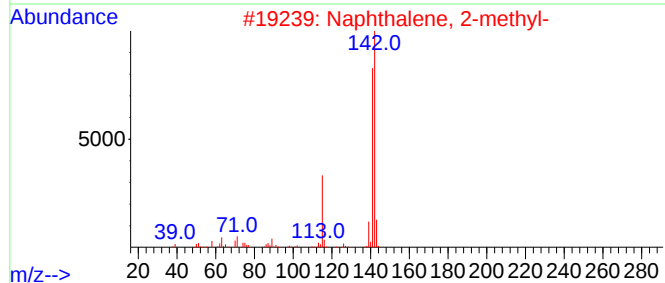
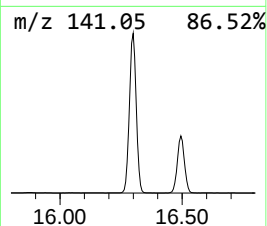
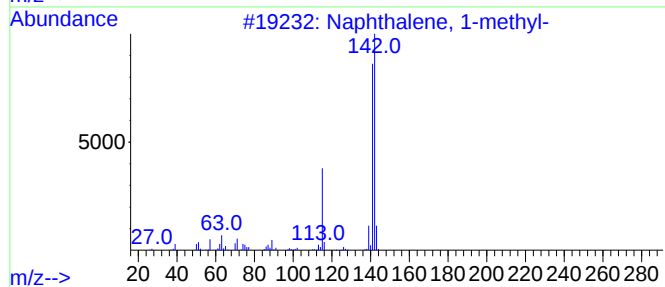
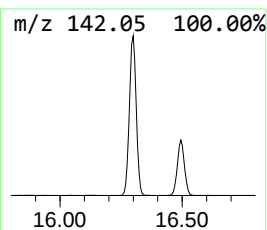
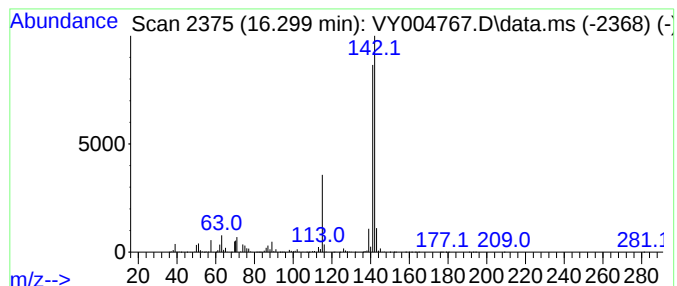
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Quant Title : SW846 8260

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.
16.299	378.30 ug/l	4913420	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	91
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
Data File : VY004767.D
Acq On : 13 May 2021 15:59
Operator : SY/MD
Sample : M2383-02
Misc : 2.95G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
KSB-02(7.5-9.5)

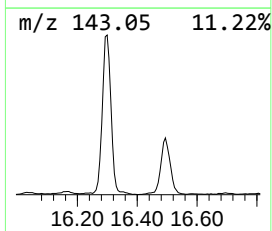
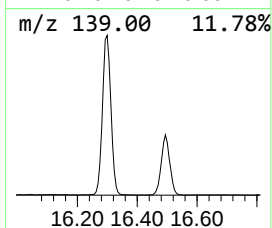
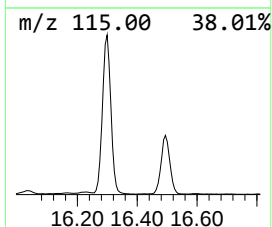
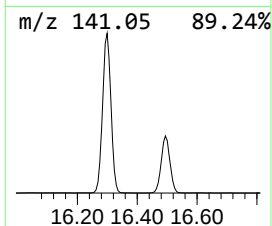
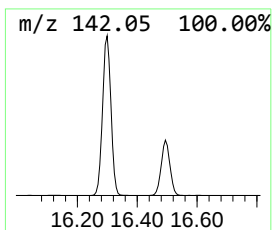
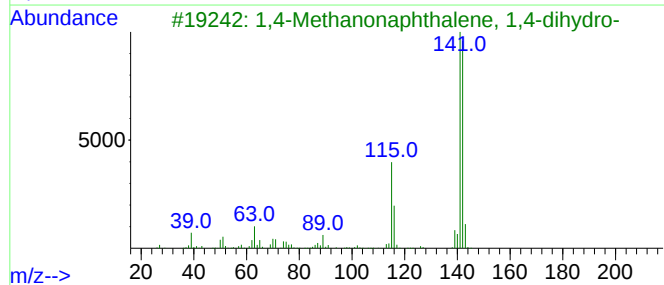
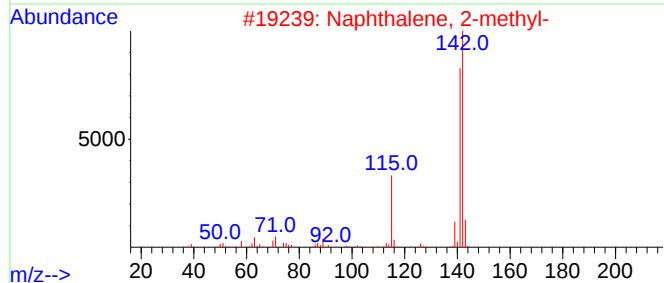
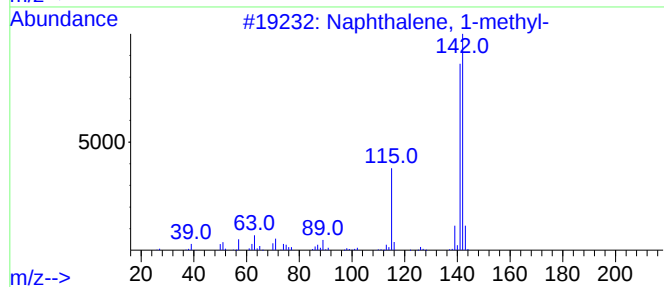
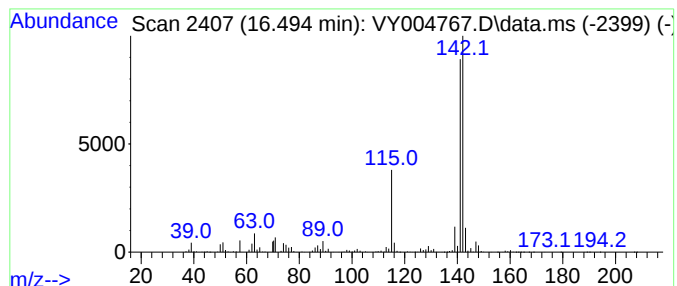
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

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

Peak Number 10 1,4-Methanonaphthalene, 1,4... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.494	150.33 ug/l	1952550	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			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
4			Benzocycloheptatriene	142	C11H10	000264-09-5	93
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
Data File : VY004767.D
Acq On : 13 May 2021 15:59
Operator : SY/MD
Sample : M2383-02
Misc : 2.95G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
KSB-02(7.5-9.5)

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	239.2	ug/l	3106390	4	13.428	649406	50.0
Benzene, 1-ethy...	12.977	182.3	ug/l	2368270	4	13.428	649406	50.0
Benzene, cyclop...	13.629	268.3	ug/l	3484740	4	13.428	649406	50.0
Benzene, 2-ethy...	13.977	57.0	ug/l	740970	4	13.428	649406	50.0
1,3-Cyclopentad...	14.678	126.9	ug/l	1648140	4	13.428	649406	50.0
1H-Indene, 1-me...	14.842	60.8	ug/l	789521	4	13.428	649406	50.0
Bicyclo[4.2.0]o...	15.062	58.3	ug/l	757122	4	13.428	649406	50.0
Benzo[b]thiophene	15.342	109.1	ug/l	1416860	4	13.428	649406	50.0
Naphthalene, 1-...	16.299	378.3	ug/l	4913420	4	13.428	649406	50.0
1,4-Methanonaph...	16.494	150.3	ug/l	1952550	4	13.428	649406	50.0