LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
Data File : VY004763.D
Acq On : 13 May 2021 14:26
Operator : SY/MD
Sample : M2383-01
Misc : 5.34G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : KSB-01(6-8)

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: VY004763.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.728	957	969	975	rBV	129858	311720	2.96%	1.428%
2	7.801	975	981	992	rVB	210528	467653	4.44%	2.142%
3	8.155	1024	1039	1050	rBV2	156167	408750	3.88%	1.872%
4	8.697	1119	1128	1140	rBV	353650	681391	6.46%	3.121%
5	10.185	1365	1372	1378	rBV	573969	978227	9.28%	4.481%
6	11.496	1579	1587	1596	rBV	554395	879029	8.34%	4.027%
7	11.593	1597	1603	1610	rVV	91036	148522	1.41%	0.680%
8	11.703	1613	1621	1631	rVB	144192	263588	2.50%	1.208%
9	12.038	1669	1676	1685	rVB2	140338	268524	2.55%	1.230%
10	12.489	1740	1750	1757	rBV	444888	721420	6.84%	3.305%
11	12.977	1824	1830	1838	rBV4	50369	108221	1.03%	0.496%
12	13.123	1849	1854	1859	rVB	140333	194650	1.85%	0.892%
13	13.428	1898	1904	1913	rBV2	563233	937163	8.89%	4.293%
14	13.629	1933	1937	1942	rVB	221625	308255	2.92%	1.412%
15	13.812	1960	1967	1975	rVB	1163524	1747725	16.58%	8.006%
16	14.269	2037	2042	2050	rBV2	58995	110765	1.05%	0.507%
17	14.367	2050	2058	2065	rVV2	66288	192671	1.83%	0.883%
18	14.751	2116	2121	2129	rBV	145802	235904	2.24%	1.081%
19	14.836	2129	2135	2144	rVB	193411	294445	2.79%	1.349%
20	15.239	2194	2201	2210	rVB	6435427	10539892	100.00%	48.284%
21	15.336	2210	2217	2226	rVB	213149	396715	3.76%	1.817%
22	15.836	2292	2299	2314	rVB3	36797	107189	1.02%	0.491%
23	16.300	2369	2375	2387	rVB3	82269	192764	1.83%	0.883%
24	16.495	2399	2407	2417	rVB	644676	1333986	12.66%	6.111%

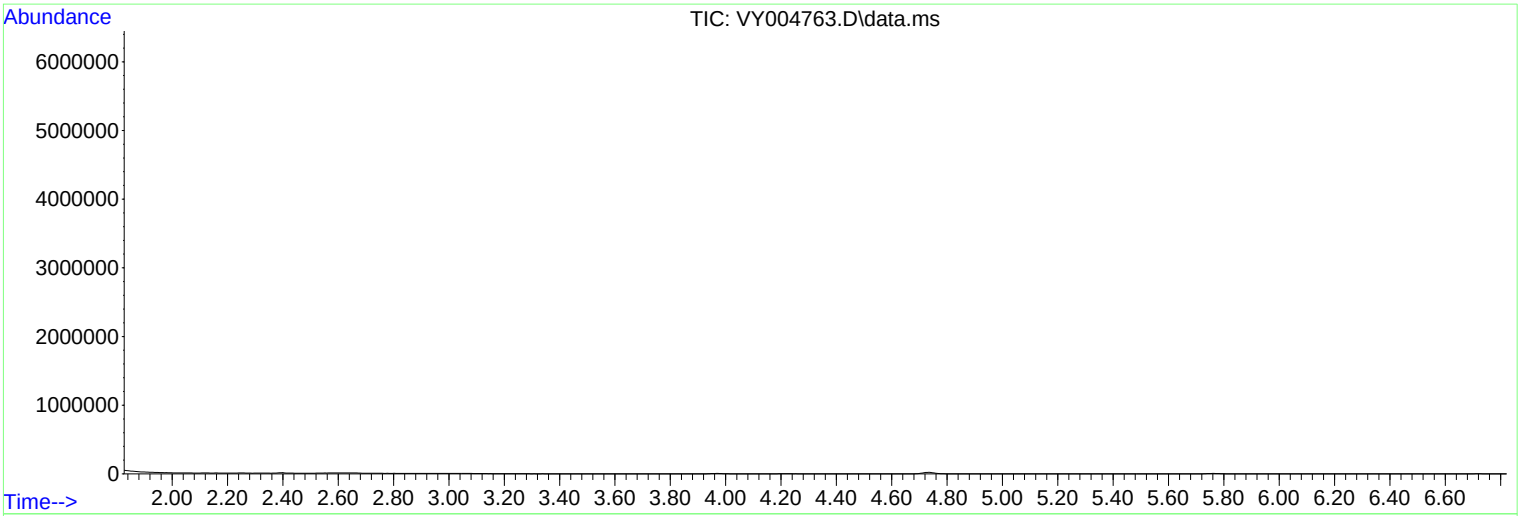
Sum of corrected areas: 21829169

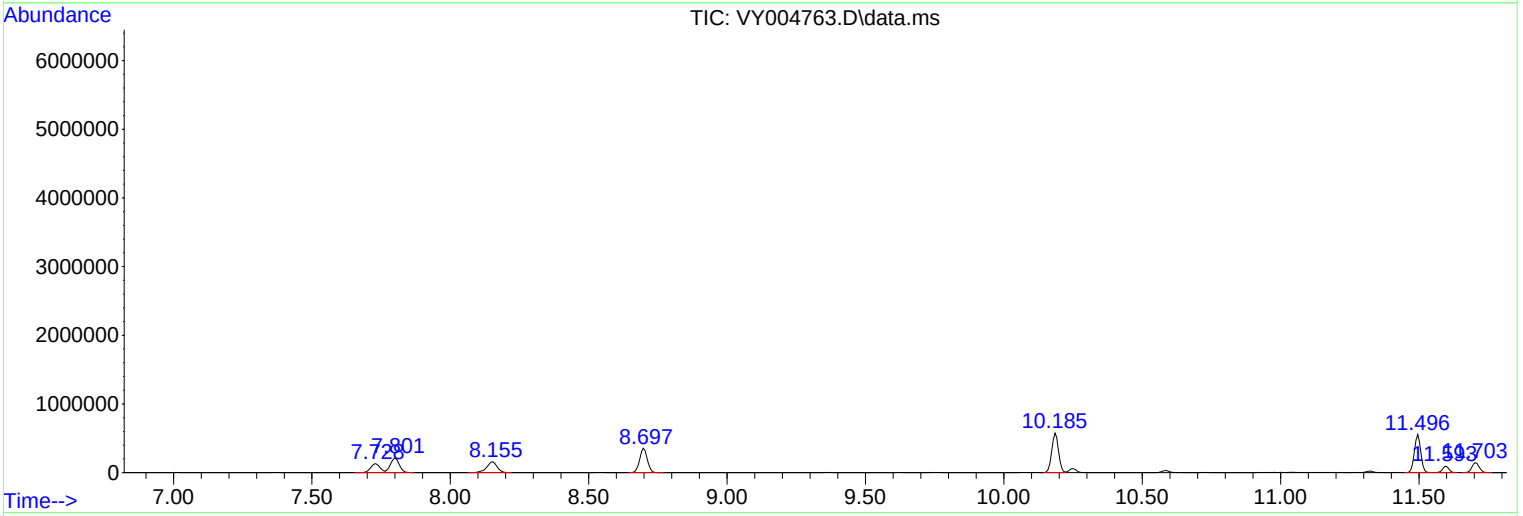
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
Data File : VY004763.D
Acq On : 13 May 2021 14:26
Operator : SY/MD
Sample : M2383-01
Misc : 5.34G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

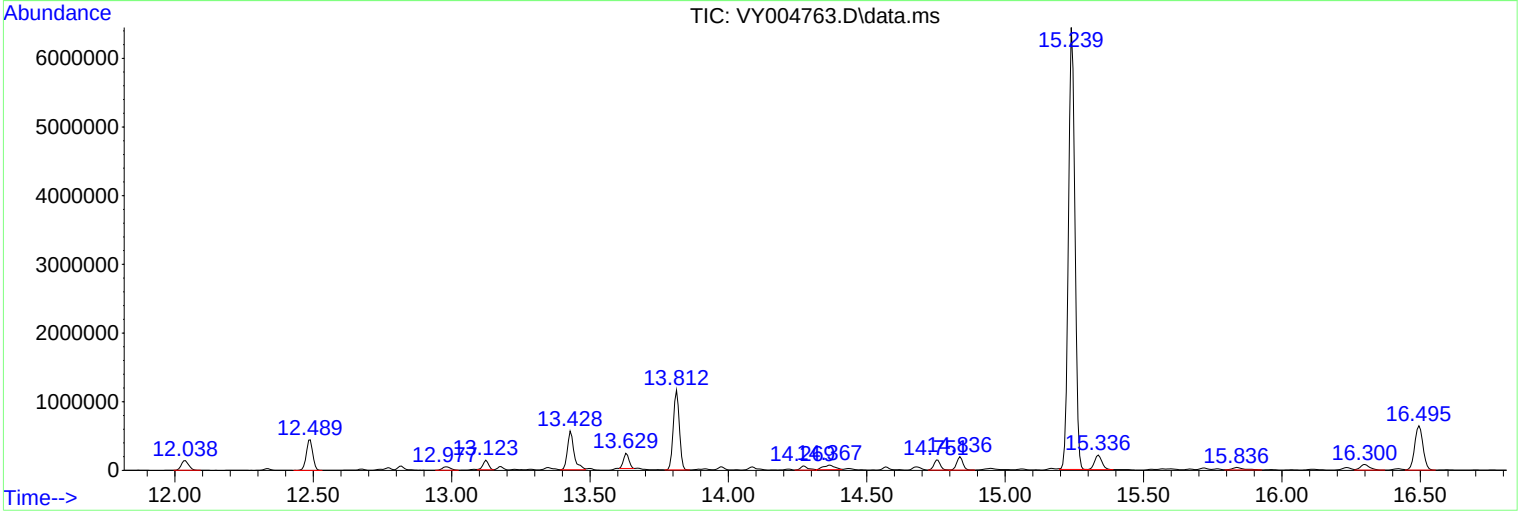
Instrument :
MSVOA_Y
ClientSampleId :
KSB-01(6-8)

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
Data File : VY004763.D
Acq On : 13 May 2021 14:26
Operator : SY/MD
Sample : M2383-01
Misc : 5.34G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
KSB-01(6-8)

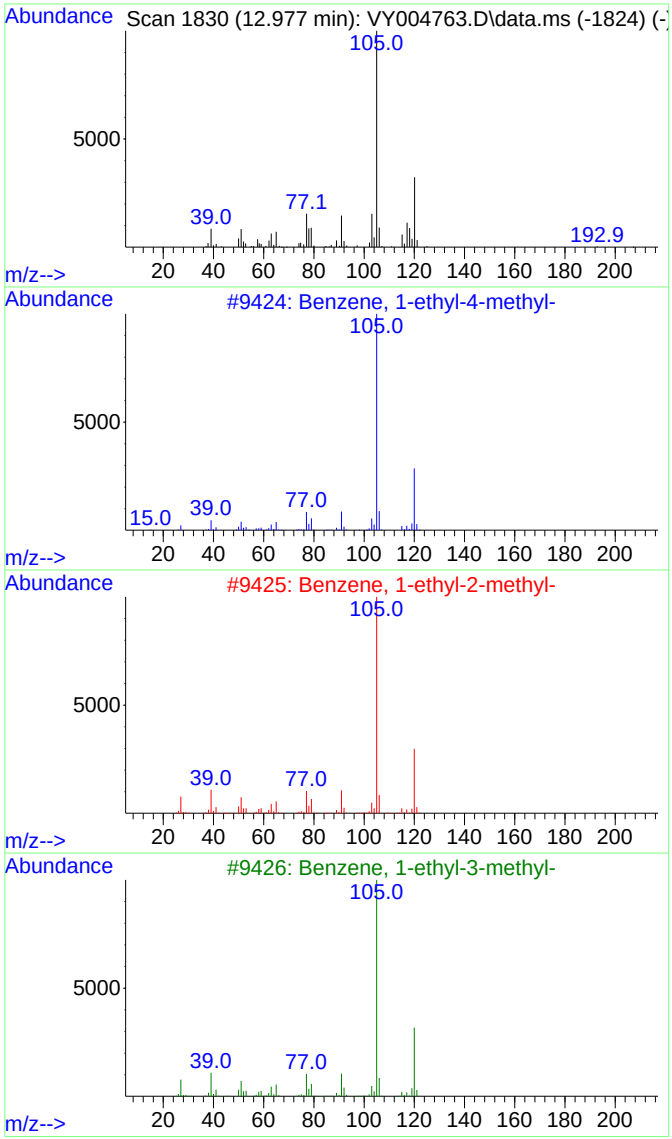
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

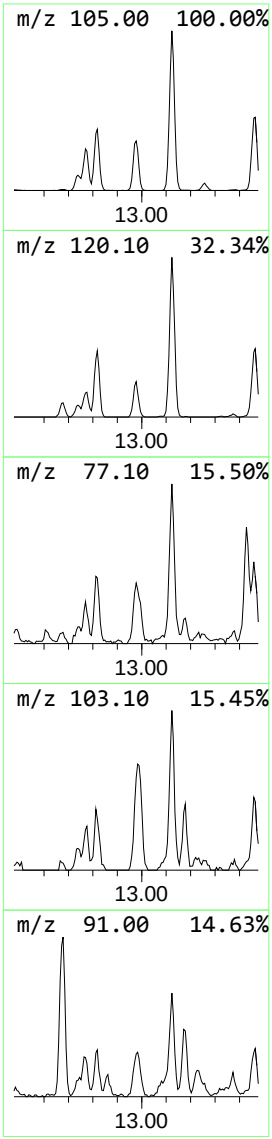
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-ethyl-4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.977	5.77 ug/l	108221	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
4	2,4-Nonadiyne	120	C9H12	063621-15-8	76
5	Mesitylene	120	C9H12	000108-67-8	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
Data File : VY004763.D
Acq On : 13 May 2021 14:26
Operator : SY/MD
Sample : M2383-01
Misc : 5.34G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
KSB-01(6-8)

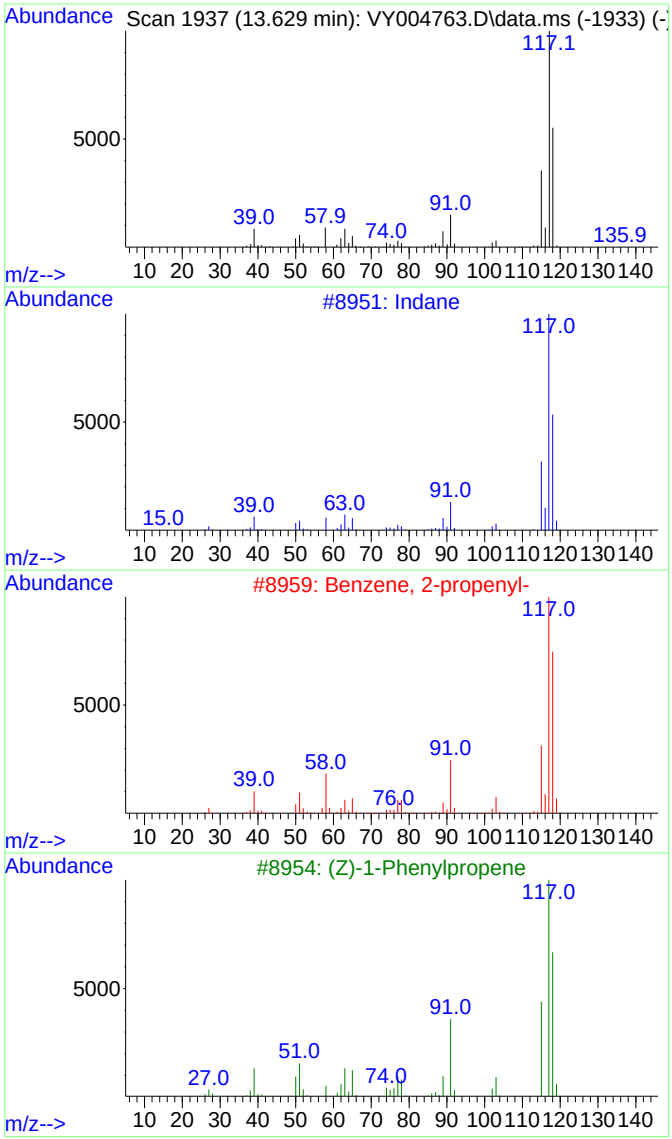
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

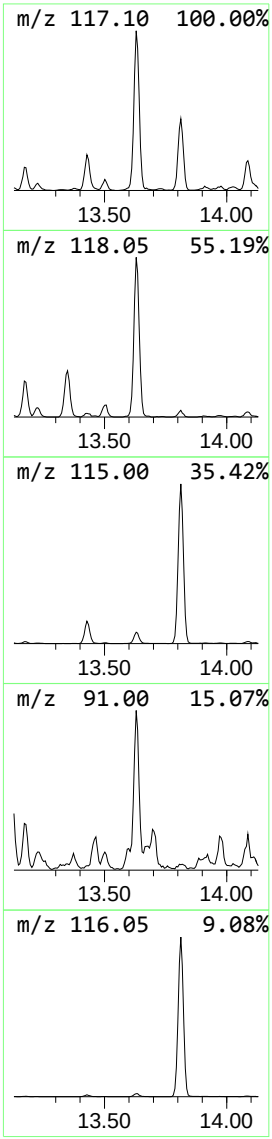
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	16.45 ug/l	308255	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	68
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
Data File : VY004763.D
Acq On : 13 May 2021 14:26
Operator : SY/MD
Sample : M2383-01
Misc : 5.34G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : KSB-01(6-8)

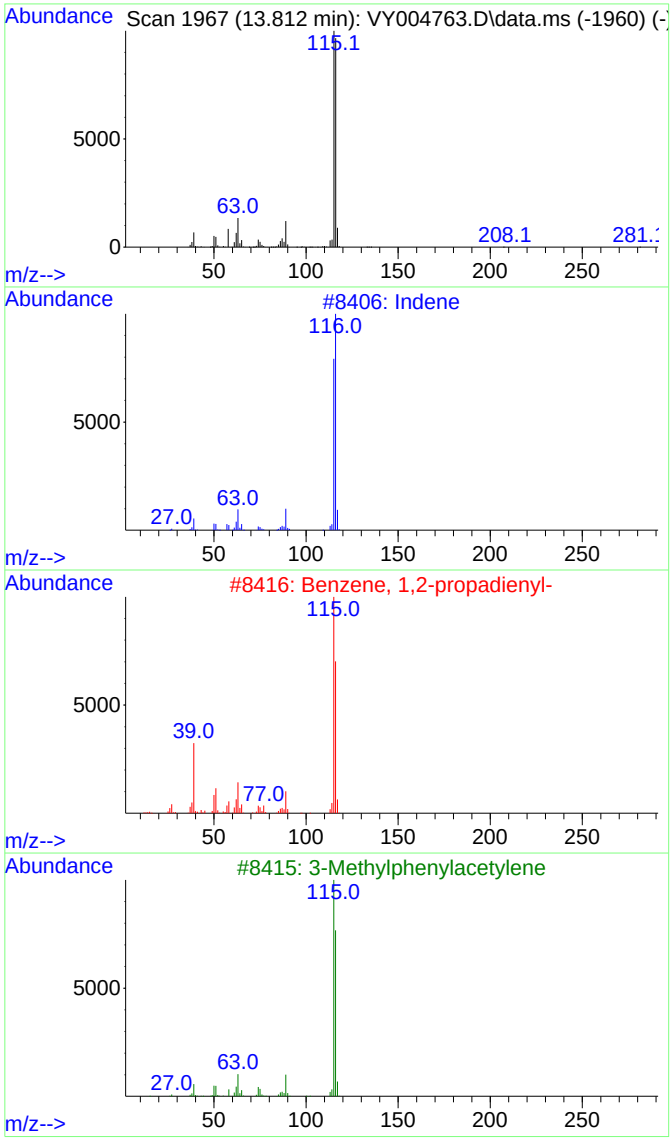
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

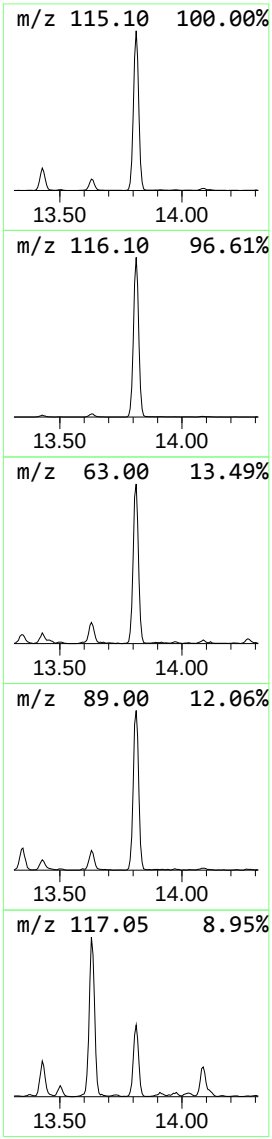
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,2-propadienyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.812	93.25 ug/l	1747730	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
Data File : VY004763.D
Acq On : 13 May 2021 14:26
Operator : SY/MD
Sample : M2383-01
Misc : 5.34G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
KSB-01(6-8)

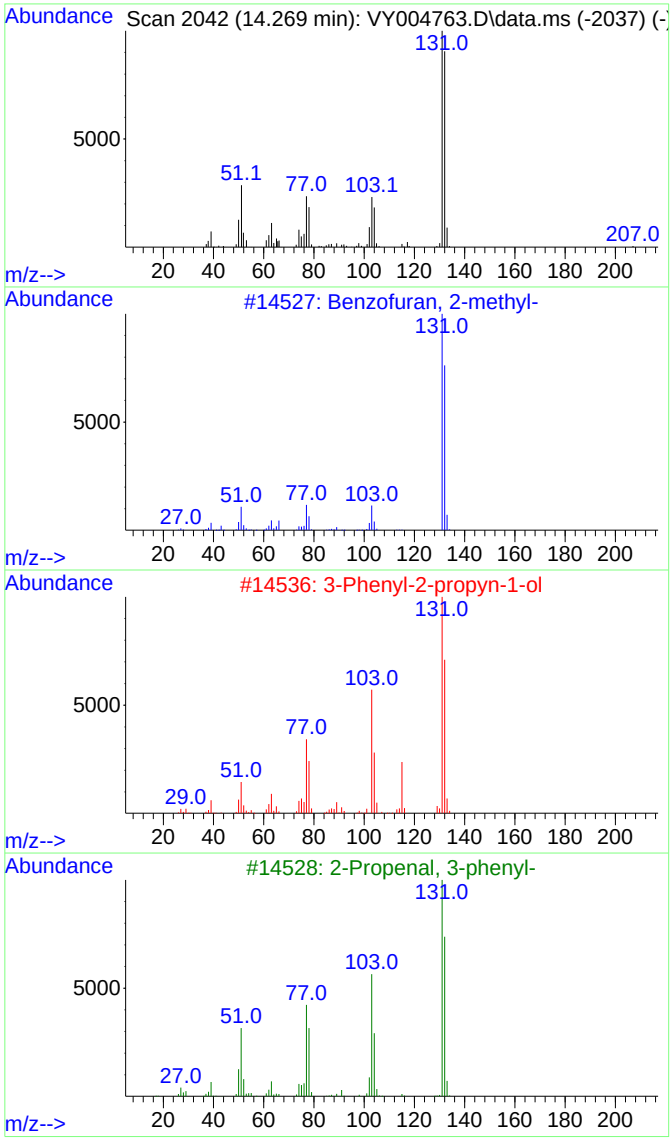
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

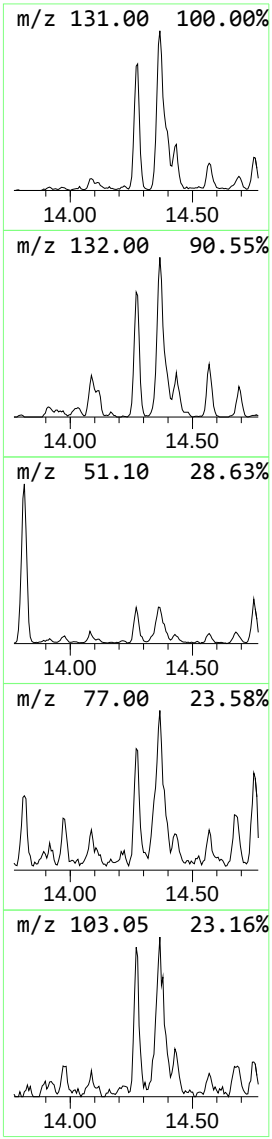
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzofuran, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.269	5.91 ug/l	110765	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	95
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90
5	Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
Data File : VY004763.D
Acq On : 13 May 2021 14:26
Operator : SY/MD
Sample : M2383-01
Misc : 5.34G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : KSB-01(6-8)

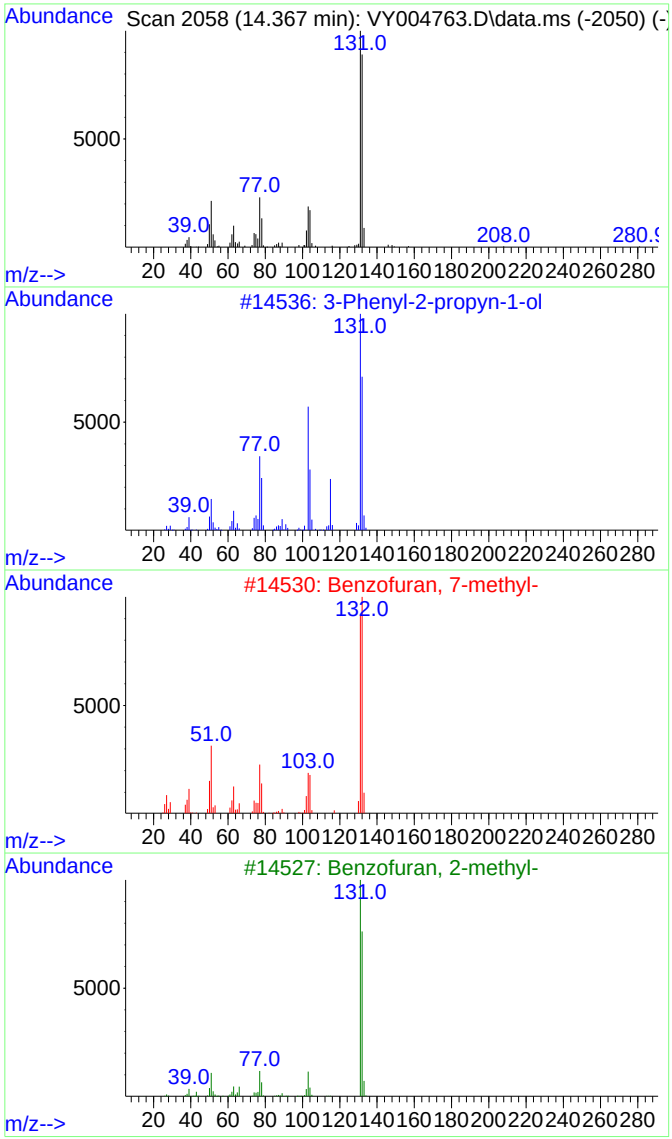
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

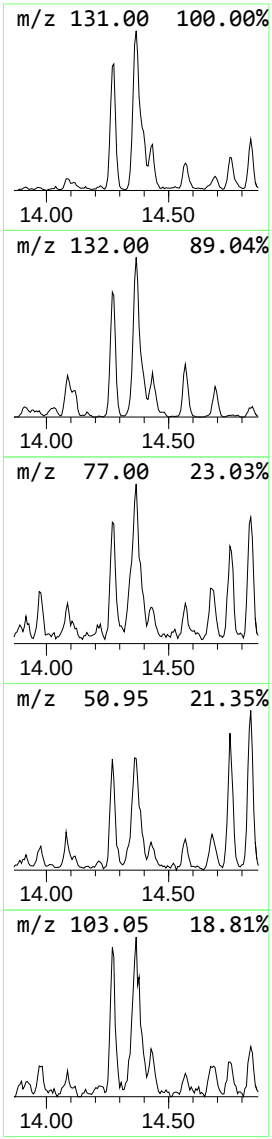
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 3-Phenyl-2-propyn-1-ol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.367	10.28 ug/l	192671	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	94
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
Data File : VY004763.D
Acq On : 13 May 2021 14:26
Operator : SY/MD
Sample : M2383-01
Misc : 5.34G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
KSB-01(6-8)

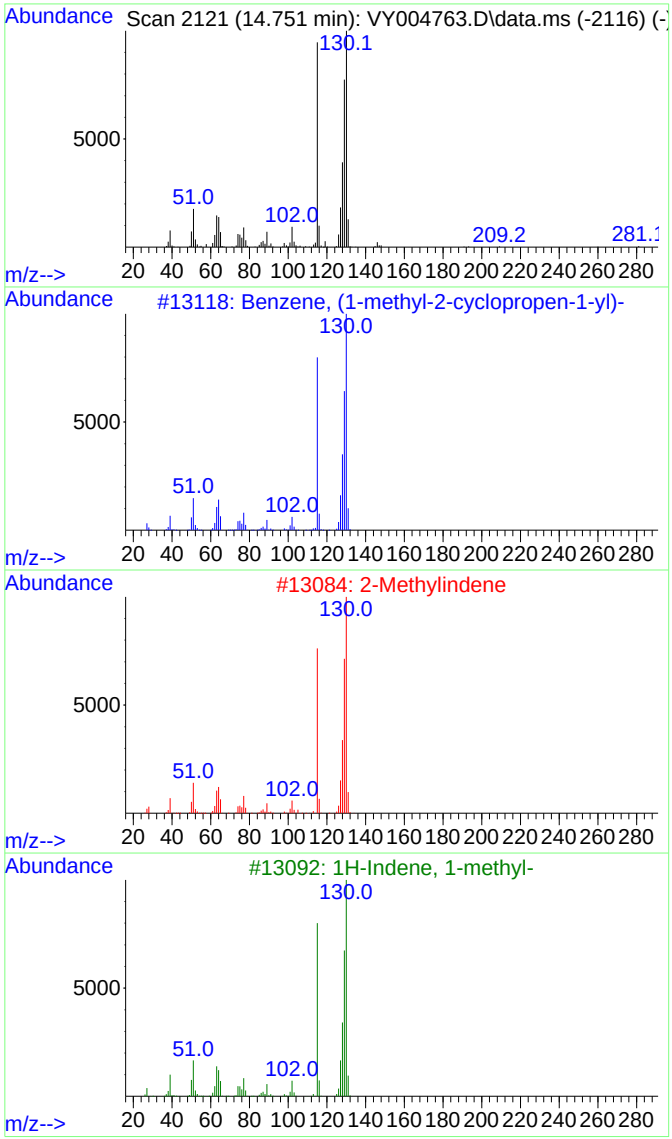
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

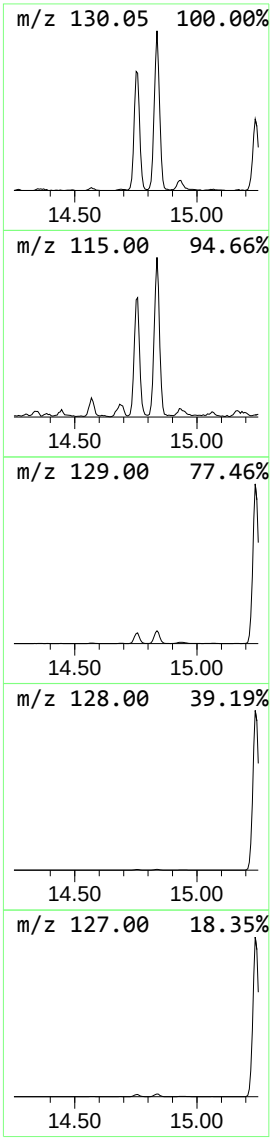
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, (1-methyl-2-cyclop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.751	12.59 ug/l	235904	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
2	2-Methylindene	130	C10H10	002177-47-1	97
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
Data File : VY004763.D
Acq On : 13 May 2021 14:26
Operator : SY/MD
Sample : M2383-01
Misc : 5.34G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
KSB-01(6-8)

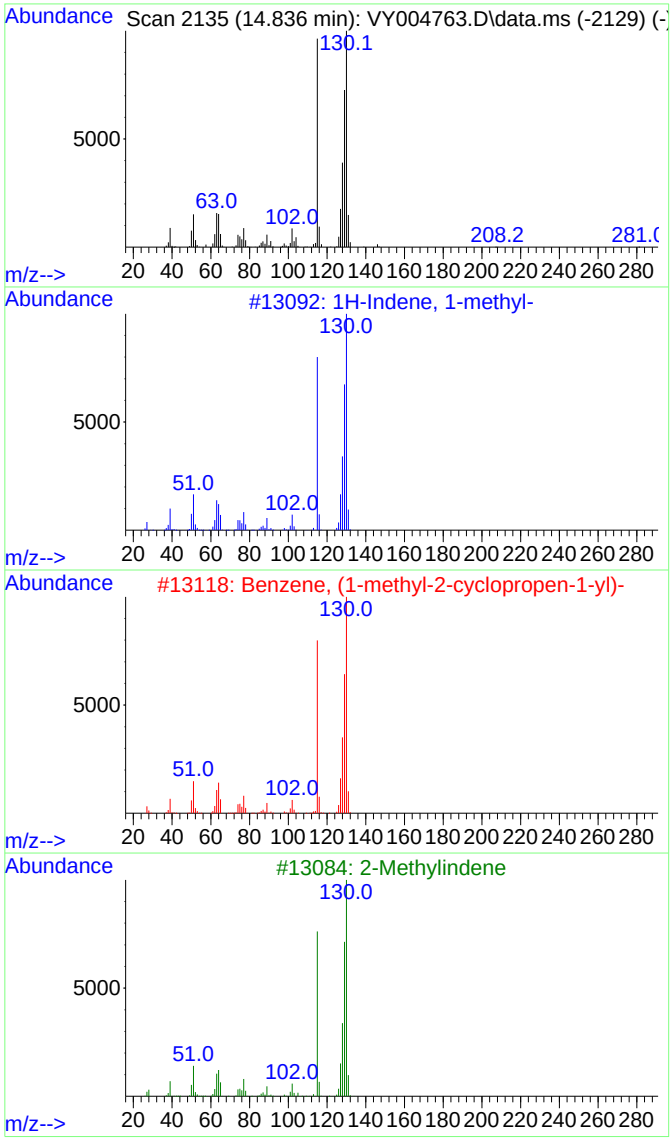
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

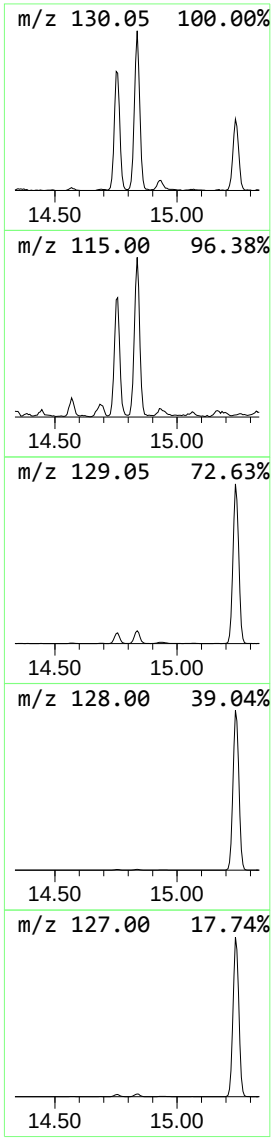
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Indene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.836	15.71 ug/l	294445	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...	130	C10H10	065051-83-4	96
3	2-Methylindene	130	C10H10	002177-47-1	95
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
Data File : VY004763.D
Acq On : 13 May 2021 14:26
Operator : SY/MD
Sample : M2383-01
Misc : 5.34G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
KSB-01(6-8)

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

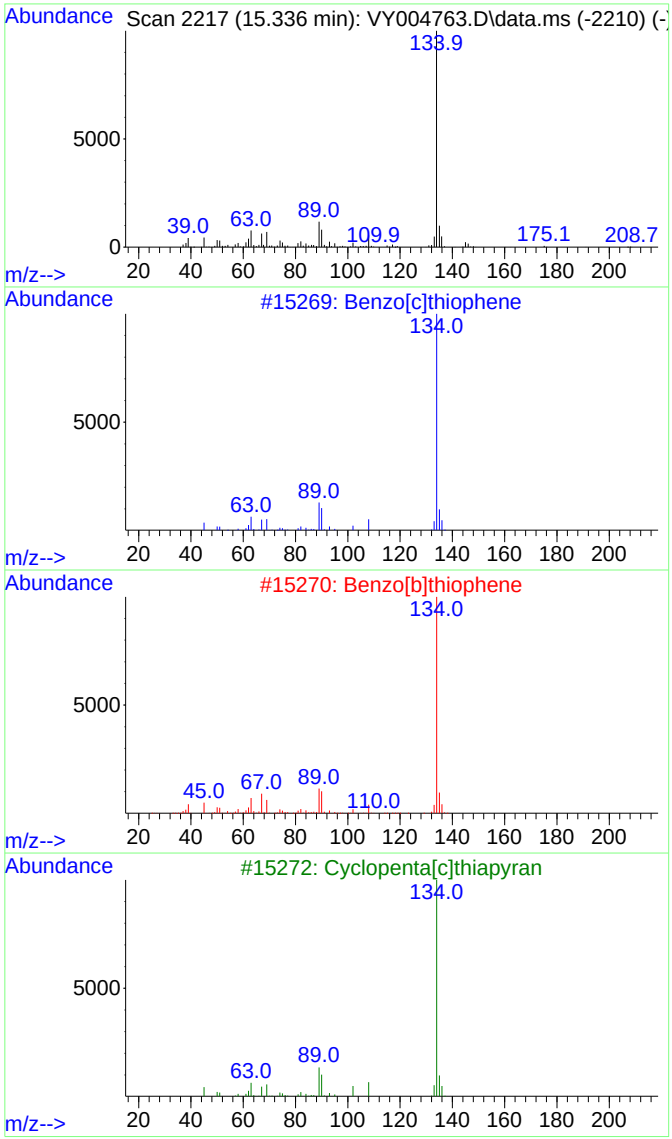
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

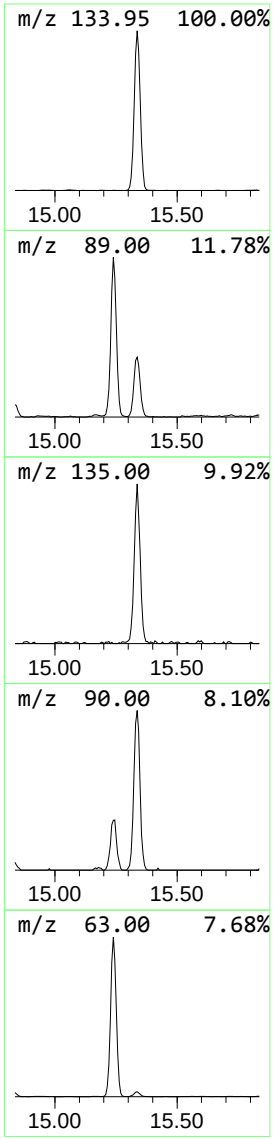
****

Peak Number 8 Benzo[c]thiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.336	21.17 ug/l	396715	1,4-Dichlorobenzene-d4	13.428

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	95
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4	5H-Pyrrolo(3,2-d)pyrimidin-4-amine	134	C6H6N4	002227-98-7	45
5	2H-Benzimidazol-2-one, 1,3-dihydro-	134	C7H6N2O	000615-16-7	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
Data File : VY004763.D
Acq On : 13 May 2021 14:26
Operator : SY/MD
Sample : M2383-01
Misc : 5.34G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
KSB-01(6-8)

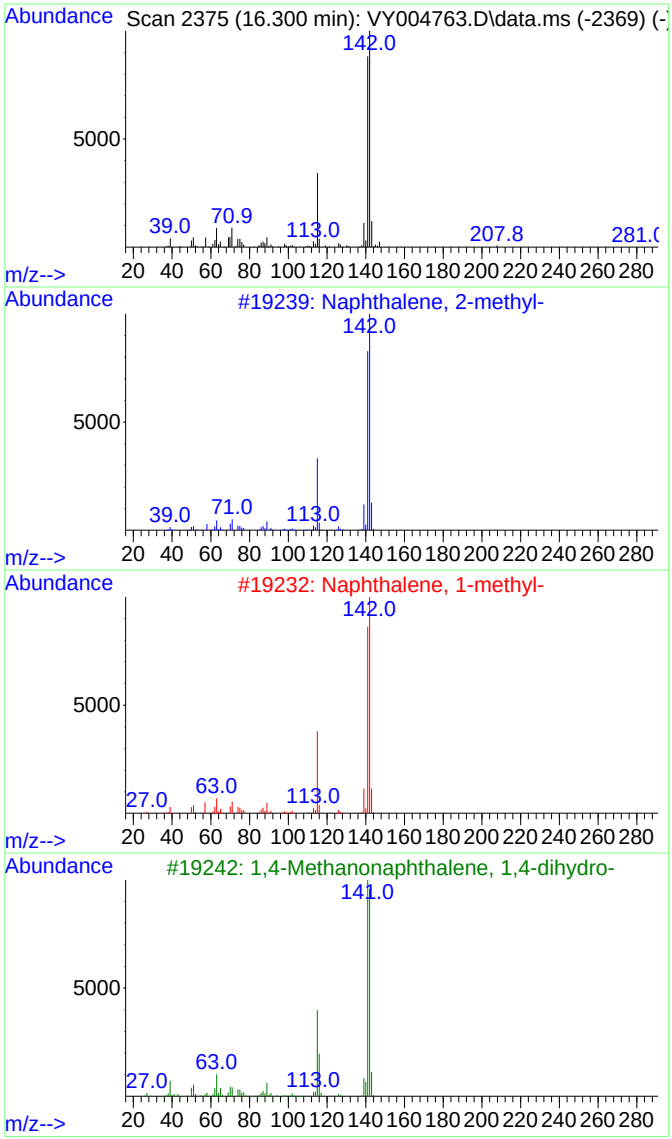
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

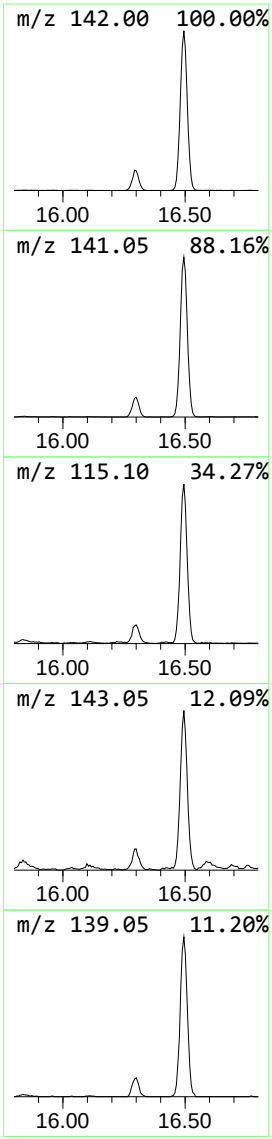
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.300	10.28 ug/l	192764	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	93
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
Data File : VY004763.D
Acq On : 13 May 2021 14:26
Operator : SY/MD
Sample : M2383-01
Misc : 5.34G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
KSB-01(6-8)

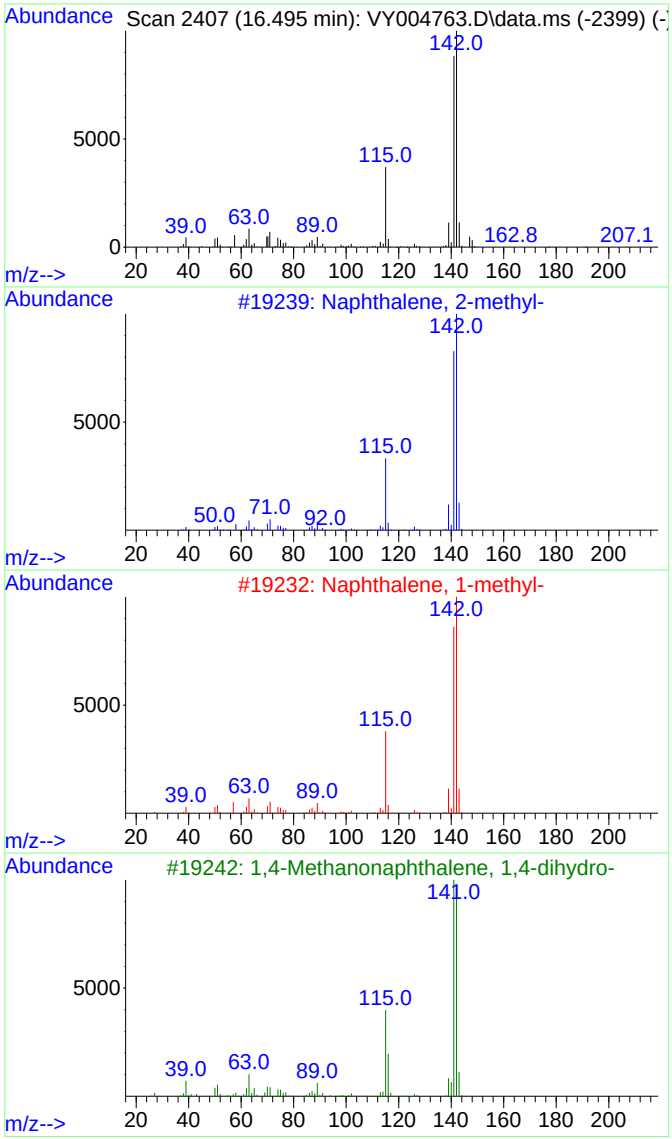
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

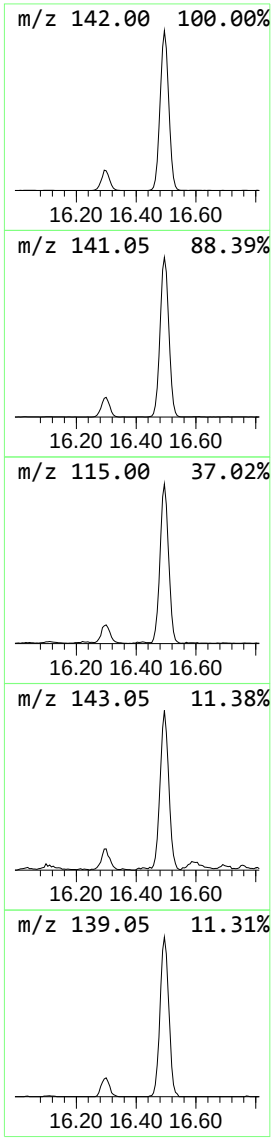
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1,4-Methanonaphthalene, 1,4... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.495	71.17 ug/l	1333990	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	93
4	Benzocycloheptatriene	142	C11H10	000264-09-5	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
Data File : VY004763.D
Acq On : 13 May 2021 14:26
Operator : SY/MD
Sample : M2383-01
Misc : 5.34G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : KSB-01(6-8)

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethy...	12.977	5.8	ug/l	108221	4	13.428	937163	50.0
Indane	13.629	16.4	ug/l	308255	4	13.428	937163	50.0
Benzene, 1,2-pr...	13.812	93.3	ug/l	1747730	4	13.428	937163	50.0
Benzofuran, 2-m...	14.269	5.9	ug/l	110765	4	13.428	937163	50.0
3-Phenyl-2-prop...	14.367	10.3	ug/l	192671	4	13.428	937163	50.0
Benzene, (1-met...	14.751	12.6	ug/l	235904	4	13.428	937163	50.0
1H-Indene, 1-me...	14.836	15.7	ug/l	294445	4	13.428	937163	50.0
Benzo[c]thiophene	15.336	21.2	ug/l	396715	4	13.428	937163	50.0
Naphthalene, 1-...	16.300	10.3	ug/l	192764	4	13.428	937163	50.0
1,4-Methanonaph...	16.495	71.2	ug/l	1333990	4	13.428	937163	50.0