LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
Data File : VY015816.D
Acq On : 03 Oct 2023 19:17
Operator : SY/MD
Sample : 04704-04
Misc : 4.68g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
R-3(10-15)

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\82Y091923S.M
Title : SW846 8260

Signal : TIC: VY015816.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.716	957	967	972	rBV	109306	255829	1.33%	0.341%
2	7.783	972	978	988	rVB	197571	455062	2.37%	0.606%
3	8.149	1028	1038	1053	rBV3	248752	658098	3.42%	0.876%
4	8.685	1116	1126	1137	rBV	302665	592773	3.08%	0.789%
5	10.179	1356	1371	1376	rBV	474644	834868	4.34%	1.112%
6	10.240	1376	1381	1389	rVB	188211	326254	1.70%	0.435%
7	11.490	1579	1586	1593	rBV	432698	703370	3.66%	0.937%
8	11.593	1596	1603	1609	rBV	419606	675607	3.51%	0.900%
9	11.703	1614	1621	1631	rVB	217843	434539	2.26%	0.579%
10	12.026	1668	1674	1686	rVB2	533933	933363	4.86%	1.243%
11	12.331	1714	1724	1729	rBV2	148520	344620	1.79%	0.459%
12	12.477	1743	1748	1762	rVB	384900	694962	3.61%	0.926%
13	12.764	1792	1795	1799	rVV	212967	337896	1.76%	0.450%
14	12.813	1799	1803	1807	rVV	295116	463949	2.41%	0.618%
15	12.928	1807	1822	1823	rVV2	164478	550884	2.87%	0.734%
16	12.971	1824	1829	1836	rVV2	396381	882745	4.59%	1.176%
17	13.069	1836	1845	1848	rVV3	90278	327734	1.70%	0.436%
18	13.117	1848	1853	1858	rVV	909639	1420960	7.39%	1.893%
19	13.166	1858	1861	1866	rVB	200887	275895	1.44%	0.367%
20	13.422	1898	1903	1905	rBV	401240	598533	3.11%	0.797%
21	13.453	1905	1908	1912	rVB	587137	831990	4.33%	1.108%
22	13.623	1926	1936	1941	rBV	2160393	3445814	17.92%	4.589%
23	13.806	1960	1966	1974	rVB	1492582	2303846	11.98%	3.068%
24	13.910	1980	1983	1988	rVV2	175786	268082	1.39%	0.357%
25	13.971	1988	1993	1997	rVV	281599	451531	2.35%	0.601%
26	14.105	2012	2015	2020	rVB2	179149	268454	1.40%	0.358%
27	14.331	2049	2052	2057	rVB	465234	633576	3.30%	0.844%
28	14.434	2064	2069	2073	rBV3	174055	278949	1.45%	0.372%
29	14.562	2085	2090	2095	rBV	401621	582936	3.03%	0.776%
30	14.678	2102	2109	2115	rBV3	856444	1840321	9.57%	2.451%
31	14.745	2115	2120	2128	rVV	1535177	2450338	12.75%	3.263%
32	14.830	2128	2134	2143	rVV	1867223	3072770	15.98%	4.092%
33	14.928	2143	2150	2164	rVV5	235657	735452	3.83%	0.980%
34	15.233	2193	2200	2210	rVV	11395074	19224729	100.00%	25.604%
35	15.330	2210	2216	2223	rVB	561298	997848	5.19%	1.329%
36	15.605	2251	2261	2265	rVV5	105905	399111	2.08%	0.532%

LSC Area Percent Report

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Misc : 4.68g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
R-3(10-15)

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\82Y091923S.M
Title : SW846 8260

37	15.660	2265	2270	2273	rVV	178706	352785	1.84%	0.470%
38	15.708	2273	2278	2282	rVV2	318329	672050	3.50%	0.895%
39	15.757	2282	2286	2291	rVV	280931	557369	2.90%	0.742%
40	15.830	2291	2298	2312	rVV3	382474	1259721	6.55%	1.678%
41	15.940	2312	2316	2324	rVB5	92007	218509	1.14%	0.291%
42	16.099	2336	2342	2354	rVB	135295	336080	1.75%	0.448%
43	16.227	2354	2363	2367	rBV	363391	775687	4.03%	1.033%
44	16.288	2367	2373	2386	rVB	3158098	6376288	33.17%	8.492%
45	16.409	2386	2393	2397	rBV	119135	255072	1.33%	0.340%
46	16.489	2397	2406	2416	rVB	7082196	14726170	76.60%	19.613%

Sum of corrected areas: 75083419

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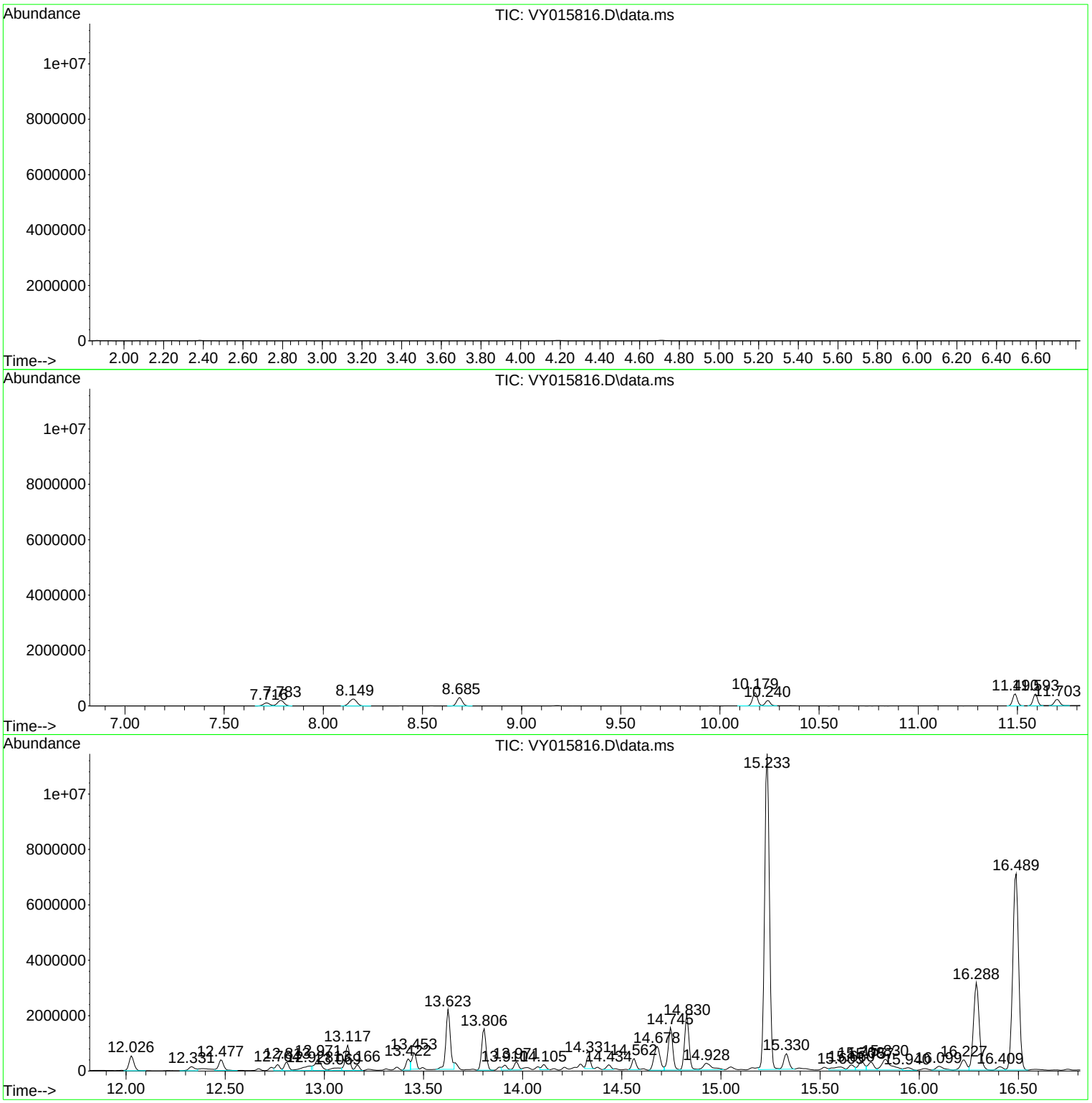
Instrument :
MSVOA_Y
ClientSampleId :
R-3(10-15)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
Data File : VY015816.D
Acq On : 03 Oct 2023 19:17
Operator : SY/MD
Sample : 04704-04
Misc : 4.68g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
R-3(10-15)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

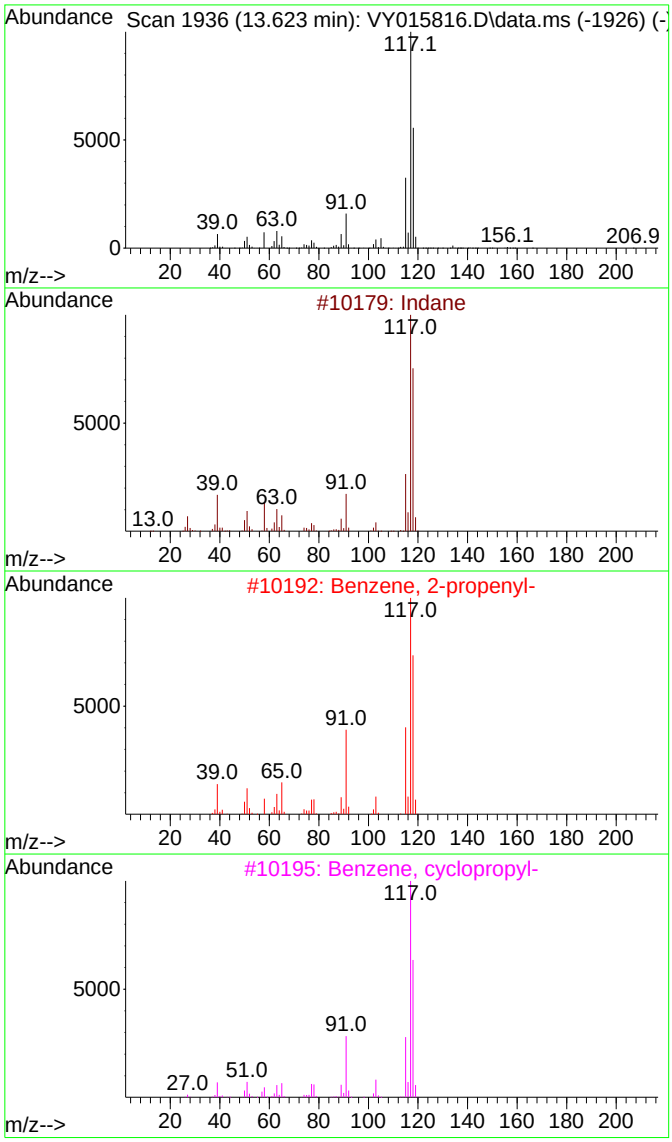
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

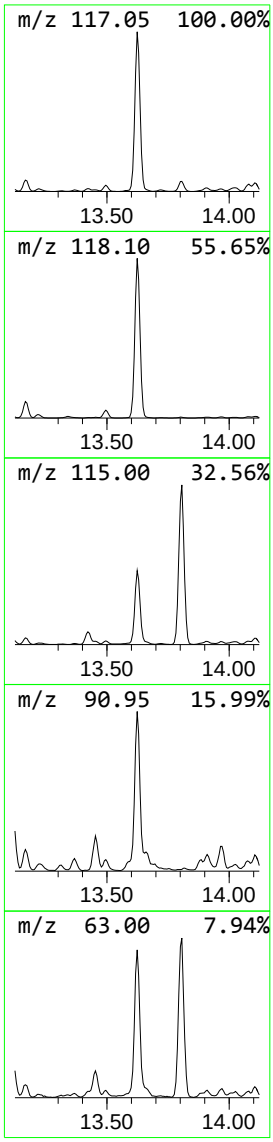
****

Peak Number 1 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	287.86 ug/l	3445810	1,4-Dichlorobenzene-d4	13.422

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	83
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
Data File : VY015816.D
Acq On : 03 Oct 2023 19:17
Operator : SY/MD
Sample : 04704-04
Misc : 4.68g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
R-3(10-15)

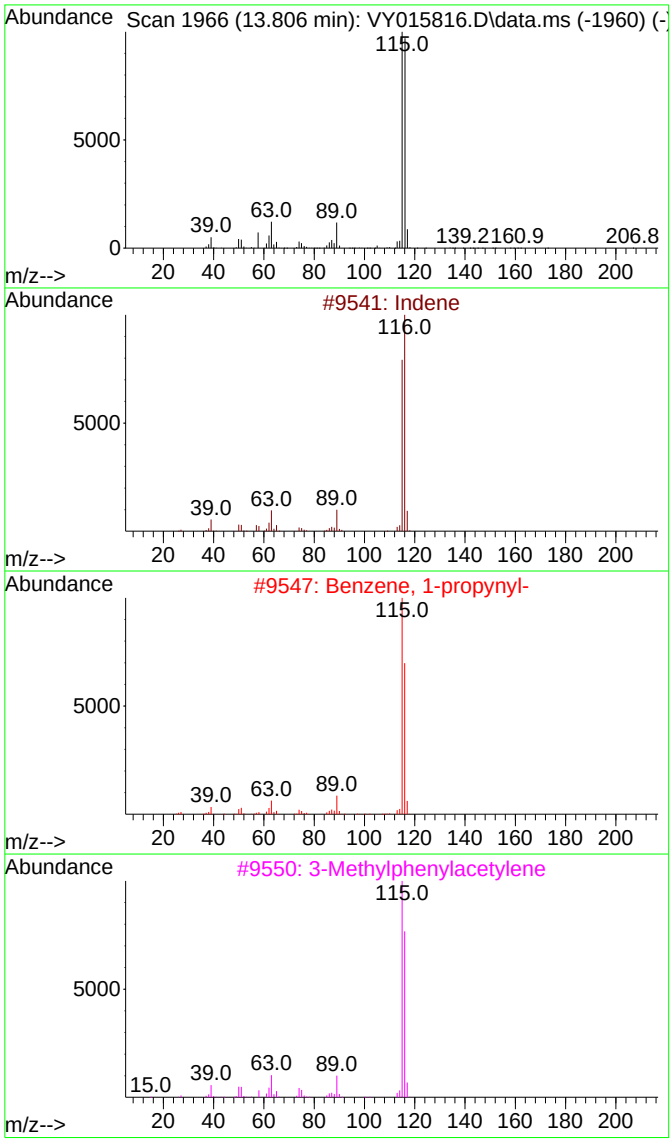
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

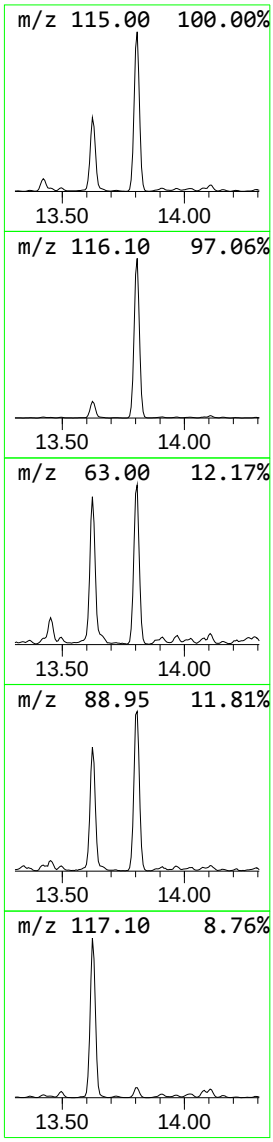
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.806	192.46 ug/l	2303850	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
Data File : VY015816.D
Acq On : 03 Oct 2023 19:17
Operator : SY/MD
Sample : 04704-04
Misc : 4.68g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
R-3(10-15)

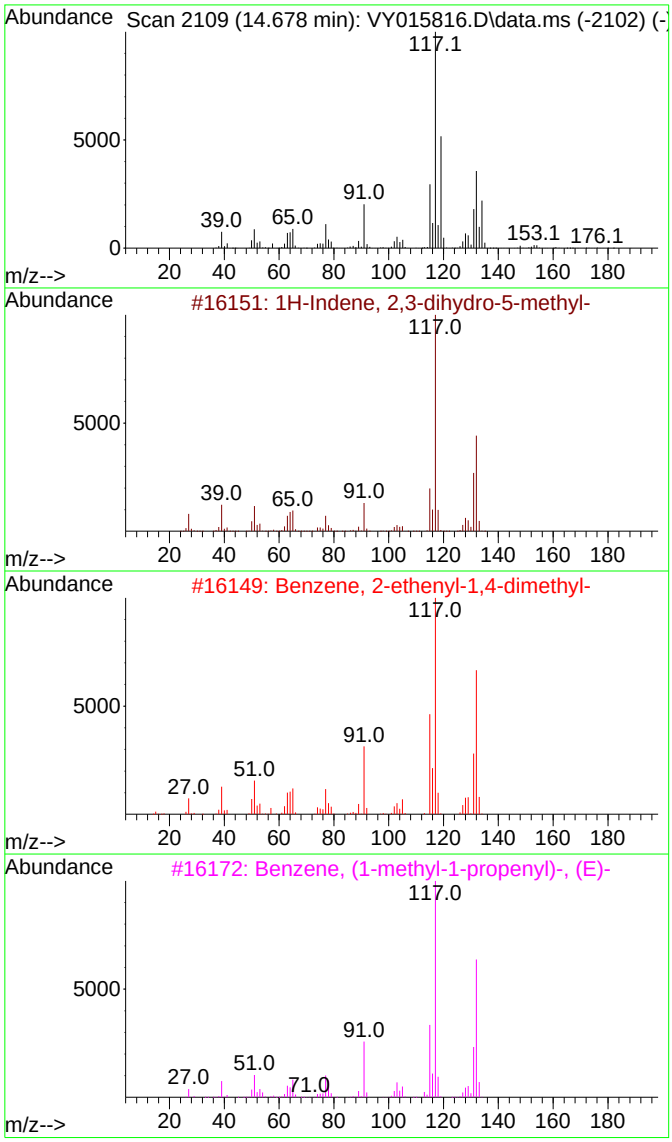
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

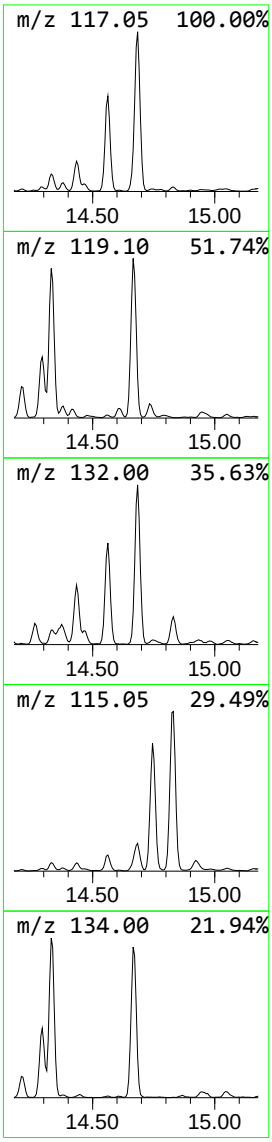
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	153.74 ug/l	1840320	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
Data File : VY015816.D
Acq On : 03 Oct 2023 19:17
Operator : SY/MD
Sample : 04704-04
Misc : 4.68g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
R-3(10-15)

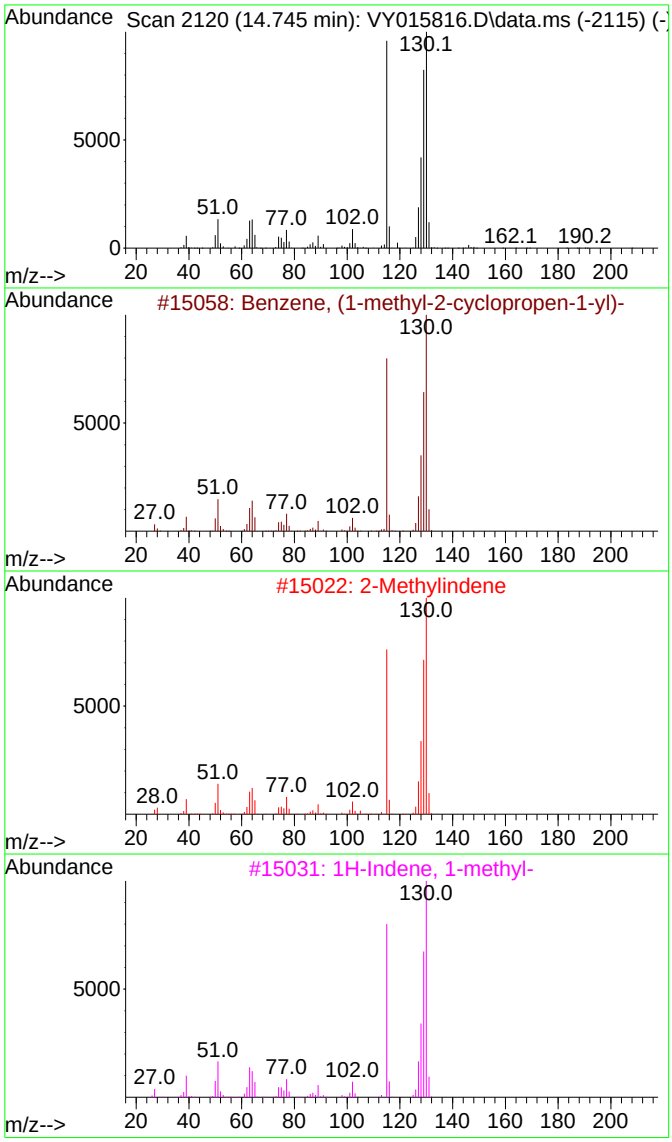
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

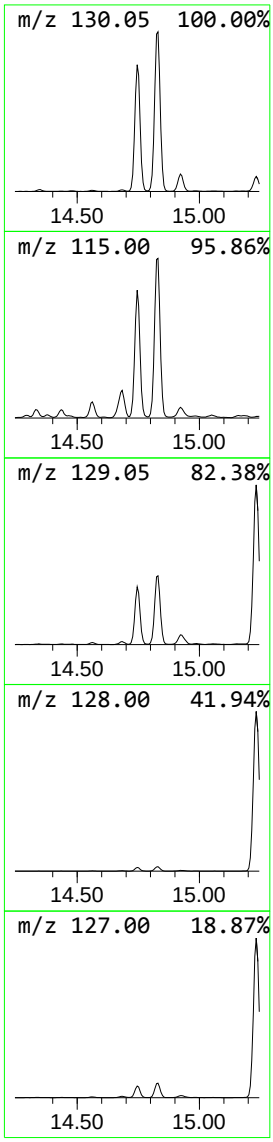
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, (1-methyl-2-cyclop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.745	204.69 ug/l	2450340	1,4-Dichlorobenzene-d4	13.422

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	95
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93





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Operator : SY/MD
Sample : 04704-04
Misc : 4.68g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
R-3(10-15)

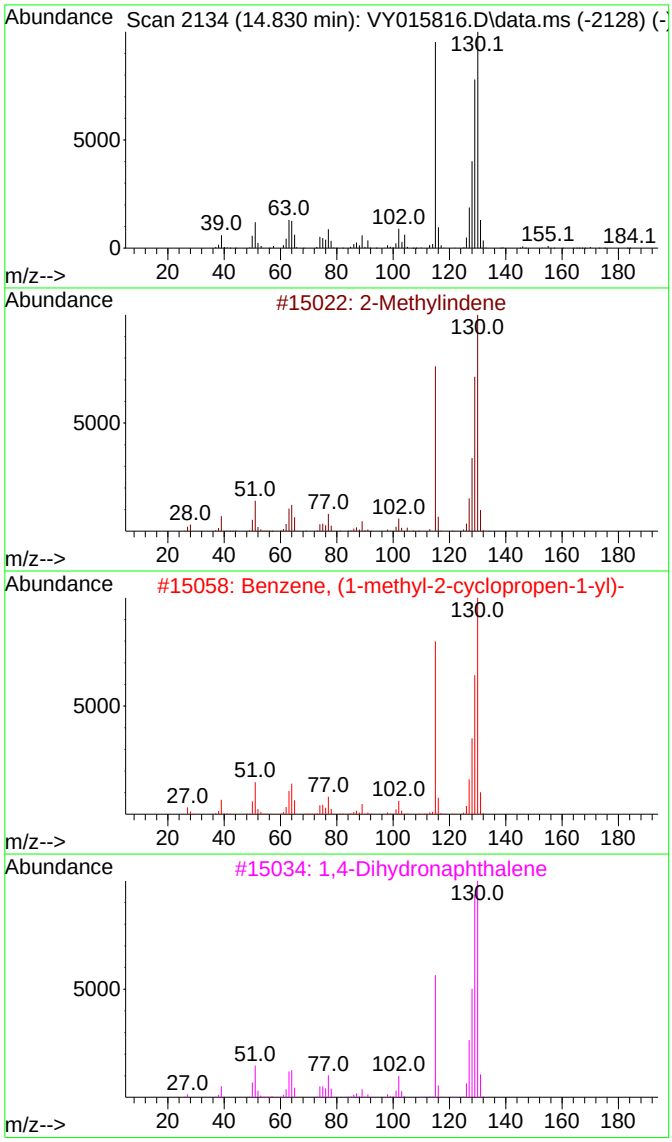
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

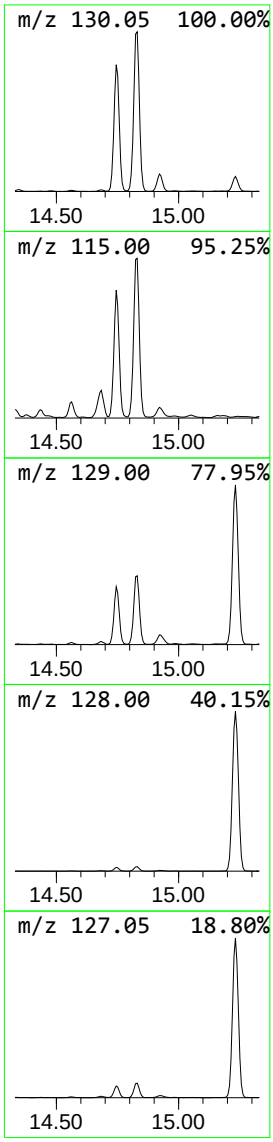
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Methylindene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.830	256.69 ug/l	3072770	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94





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Instrument :
MSVOA_Y
ClientSampleId :
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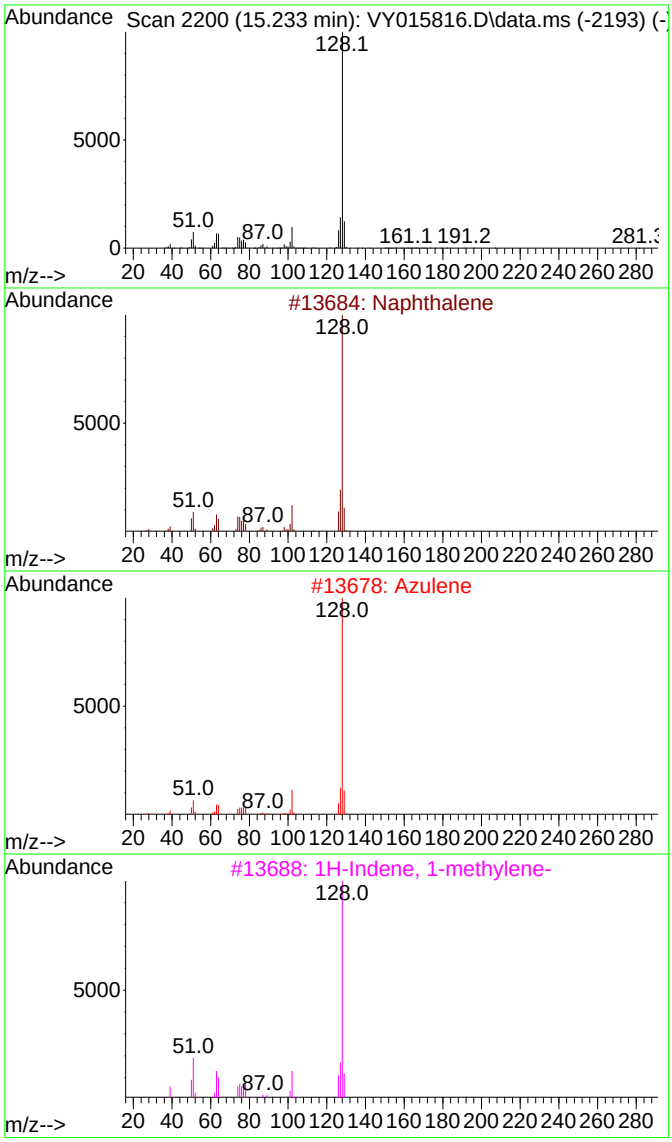
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

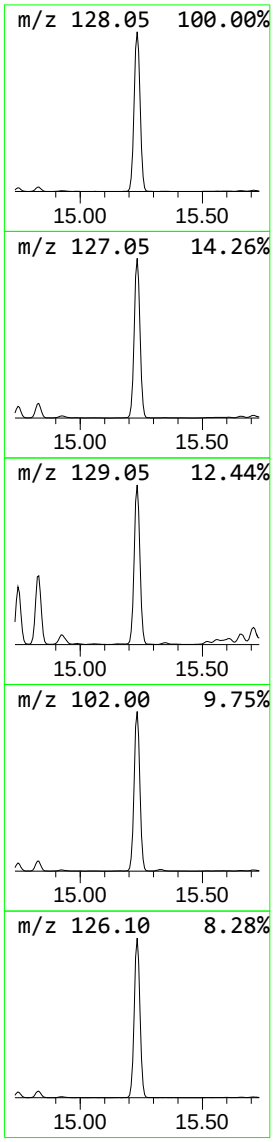
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	1605.99 ug/l	19224700	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	97
2	Azulene	128	C10H8	000275-51-4	94
3	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	91
4	4-Phenylbut-3-ene-1-yne	128	C10H8	1000222-12-0	50
5	1H-Cyclopenta[c]thiophene, hexah...	128	C7H12S	053907-80-5	47





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MSVOA_Y
ClientSampleId :
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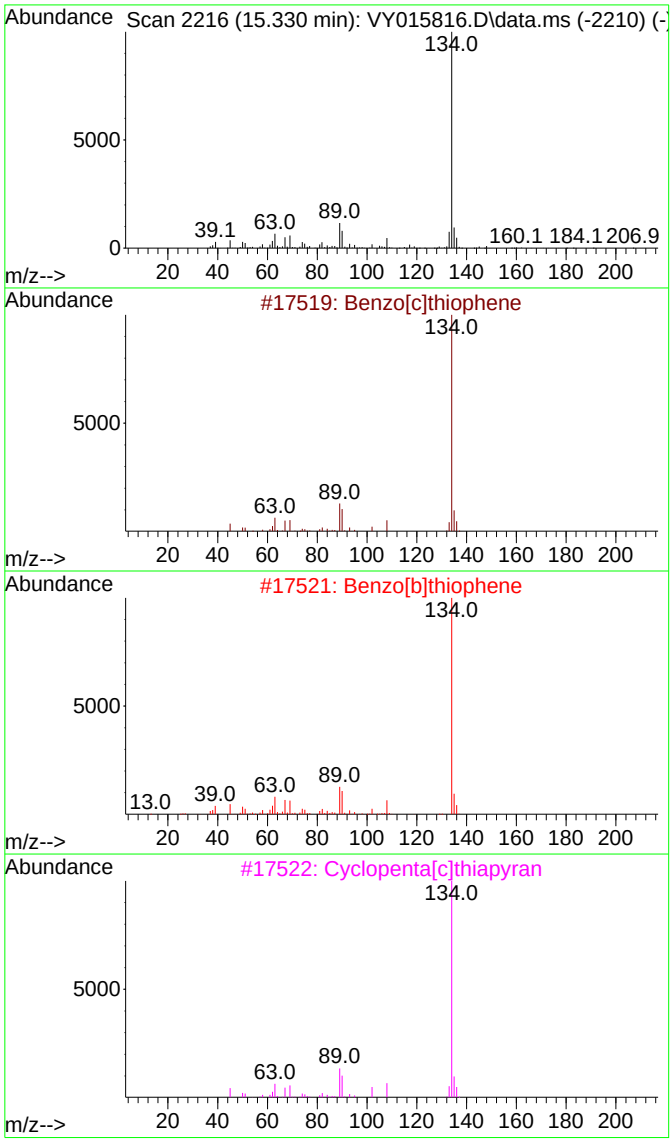
Quant Title : SW846 8260

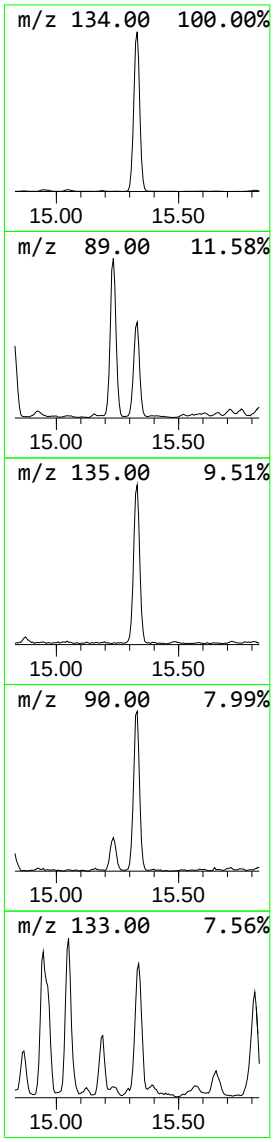
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzo[c]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.330	83.36 ug/l	997848	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	94
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4	3-Deazaadenine	134	C6H6N4	006811-77-4	59
5	1H-Purine, 6-methyl-	134	C6H6N4	002004-03-7	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
Data File : VY015816.D
Acq On : 03 Oct 2023 19:17
Operator : SY/MD
Sample : 04704-04
Misc : 4.68g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
R-3(10-15)

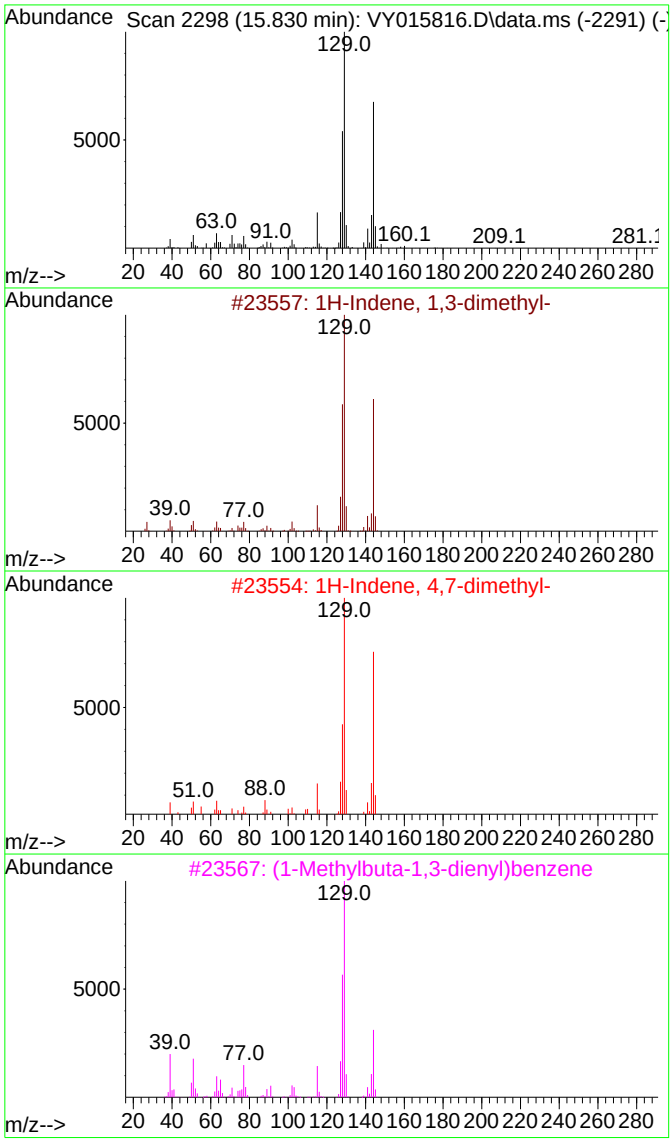
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

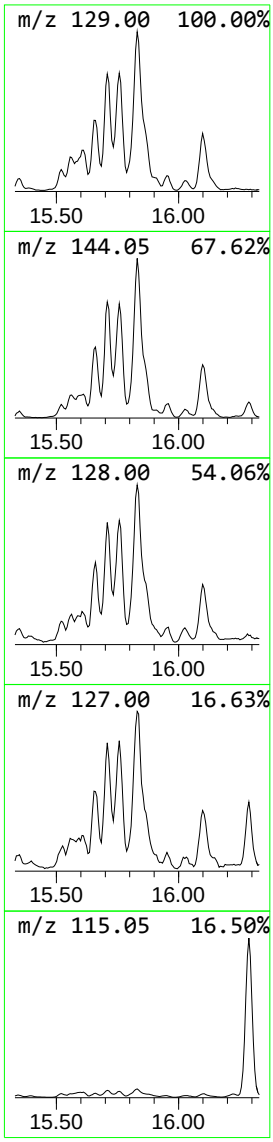
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Indene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.830	105.23 ug/l	1259720	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	97
2	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	97
3	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	91
4	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	90
5	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
Data File : VY015816.D
Acq On : 03 Oct 2023 19:17
Operator : SY/MD
Sample : 04704-04
Misc : 4.68g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
R-3(10-15)

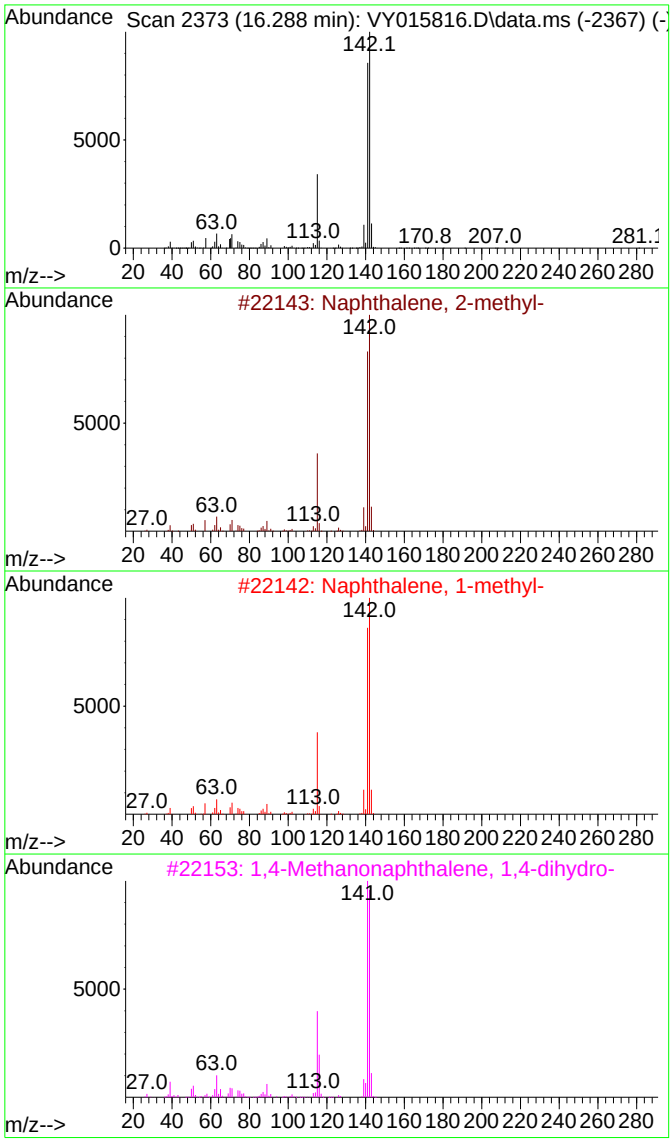
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

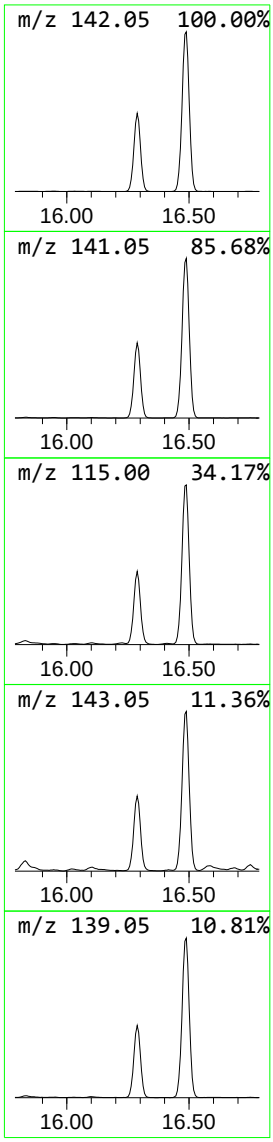
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,4-Methanonaphthalene, 1,4... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.288	532.66 ug/l	6376290	1,4-Dichlorobenzene-d4	13.422

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	91
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	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
Data File : VY015816.D
Acq On : 03 Oct 2023 19:17
Operator : SY/MD
Sample : 04704-04
Misc : 4.68g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
R-3(10-15)

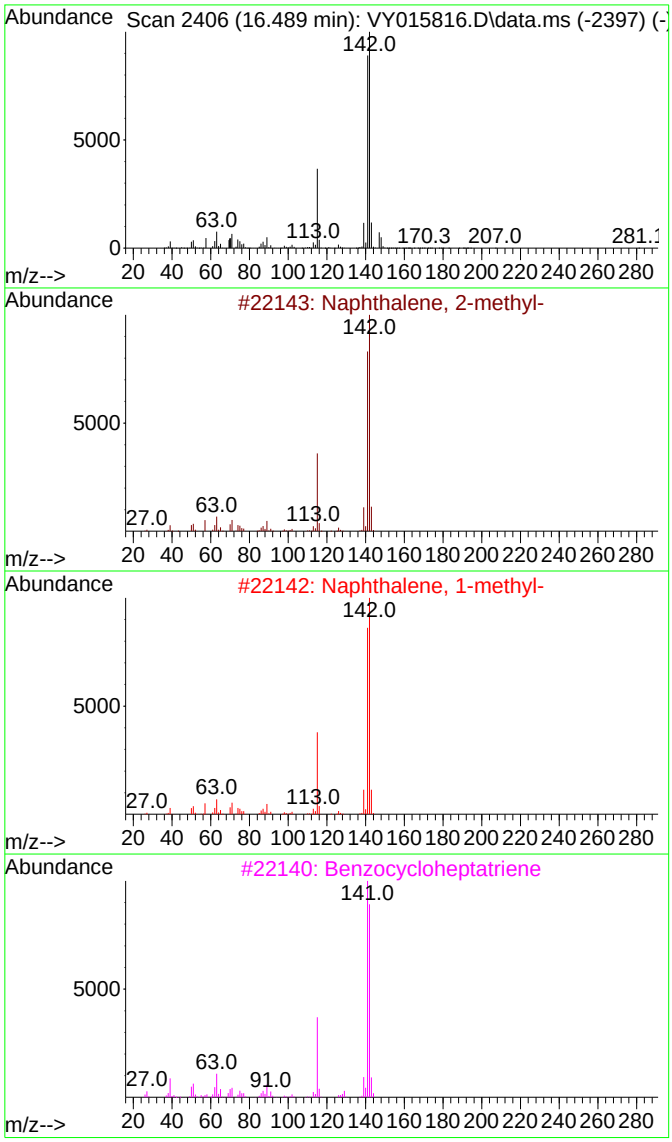
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

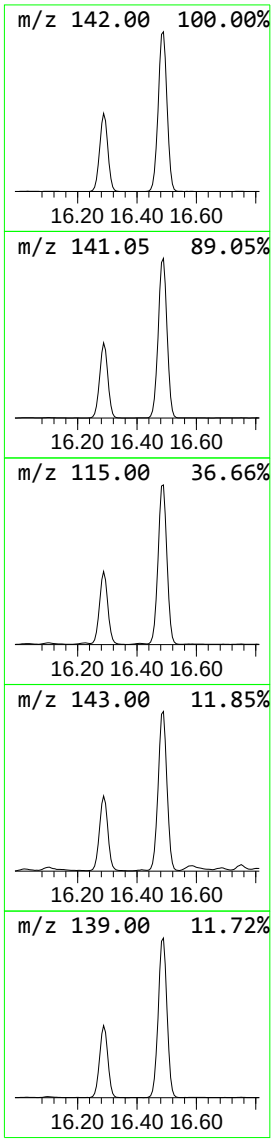
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzocycloheptatriene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.489	1230.19 ug/l	14726200	1,4-Dichlorobenzene-d4	13.422

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	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	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
Data File : VY015816.D
Acq On : 03 Oct 2023 19:17
Operator : SY/MD
Sample : 04704-04
Misc : 4.68g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
R-3(10-15)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Indane	13.623	287.9	ug/l	3445810	4	13.422	598533	50.0
Indene	13.806	192.5	ug/l	2303850	4	13.422	598533	50.0
1H-Indene, 2,3-...	14.678	153.7	ug/l	1840320	4	13.422	598533	50.0
Benzene, (1-met...	14.745	204.7	ug/l	2450340	4	13.422	598533	50.0
2-Methylindene	14.830	256.7	ug/l	3072770	4	13.422	598533	50.0
Azulene	15.233	1606.0	ug/l	19224700	4	13.422	598533	50.0
Benzo[c]thiophene	15.330	83.4	ug/l	997848	4	13.422	598533	50.0
1H-Indene, 1,3-...	15.830	105.2	ug/l	1259720	4	13.422	598533	50.0
1,4-Methanonaph...	16.288	532.7	ug/l	6376290	4	13.422	598533	50.0
Benzocyclohepta...	16.489	1230.2	ug/l	14726200	4	13.422	598533	50.0