LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016239.D
Acq On : 06 Nov 2023 16:06
Operator : SY/MD
Sample : 05253-03
Misc : 4.71g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
L-3(120FT)(0-5)

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\82Y103123S.M
Title : SW846 8260

Signal : TIC: VY016239.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	959	969	974	rBV	77239	180953	1.57%	0.379%
2	7.801	974	981	993	rVB	137540	317422	2.76%	0.665%
3	8.161	1029	1040	1051	rBV3	145936	394449	3.43%	0.827%
4	8.697	1117	1128	1139	rBV	221729	431278	3.75%	0.904%
5	10.185	1364	1372	1378	rBV	342499	593594	5.15%	1.244%
6	10.252	1378	1383	1391	rVB	73624	127666	1.11%	0.268%
7	11.496	1580	1587	1595	rBV	341158	545398	4.74%	1.143%
8	11.599	1597	1604	1613	rVV	1151750	1775986	15.42%	3.723%
9	11.709	1613	1622	1632	rVB	274117	526480	4.57%	1.104%
10	12.032	1669	1675	1686	rVB	524186	846475	7.35%	1.774%
11	12.337	1715	1725	1731	rBV2	181983	318633	2.77%	0.668%
12	12.489	1743	1750	1756	rBV2	281551	449742	3.91%	0.943%
13	12.678	1774	1781	1786	rBV	94304	145519	1.26%	0.305%
14	12.739	1786	1791	1793	rVV	152521	225043	1.95%	0.472%
15	12.770	1793	1796	1800	rVV	392011	594999	5.17%	1.247%
16	12.819	1800	1804	1814	rVB	405891	599826	5.21%	1.257%
17	12.977	1823	1830	1839	rVB	394307	677261	5.88%	1.420%
18	13.123	1844	1854	1859	rVV	486654	773129	6.71%	1.621%
19	13.172	1859	1862	1868	rVB	151763	219604	1.91%	0.460%
20	13.373	1891	1895	1899	rVV2	92735	146694	1.27%	0.308%
21	13.428	1899	1904	1906	rVV	334024	495696	4.30%	1.039%
22	13.459	1906	1909	1913	rVV	610336	926702	8.05%	1.943%
23	13.501	1913	1916	1924	rVB	149669	219275	1.90%	0.460%
24	13.629	1932	1937	1943	rBV	3712631	5483678	47.62%	11.495%
25	13.812	1961	1967	1975	rVB	425620	676935	5.88%	1.419%
26	13.892	1975	1980	1982	rBV	83383	135271	1.17%	0.284%
27	13.977	1988	1994	1998	rBV	339049	500588	4.35%	1.049%
28	14.081	2006	2011	2014	rBV3	107004	182959	1.59%	0.384%
29	14.111	2014	2016	2022	rVB2	144538	197371	1.71%	0.414%
30	14.215	2029	2033	2038	rVB	90139	128362	1.11%	0.269%
31	14.300	2038	2047	2050	rBV2	163620	316189	2.75%	0.663%
32	14.337	2050	2053	2058	rVV	341437	484409	4.21%	1.015%
33	14.440	2065	2070	2074	rBV3	106154	172528	1.50%	0.362%
34	14.568	2086	2091	2096	rBV	627693	934681	8.12%	1.959%
35	14.690	2103	2111	2116	rBV2	922981	1785929	15.51%	3.744%
36	14.751	2116	2121	2129	rVV	755189	1192369	10.35%	2.499%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016239.D
Acq On : 06 Nov 2023 16:06
Operator : SY/MD
Sample : 05253-03
Misc : 4.71g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
L-3(120FT)(0-5)

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\82Y103123S.M
Title : SW846 8260

37	14.830	2129	2134	2144	rVV	867585	1410099	12.24%	2.956%
38	14.940	2144	2152	2166	rVB5	124645	414177	3.60%	0.868%
39	15.056	2166	2171	2177	rBV2	68341	124588	1.08%	0.261%
40	15.239	2194	2201	2209	rVV	6999702	11515848	100.00%	24.140%
41	15.336	2211	2217	2224	rVB	298149	554501	4.82%	1.162%
42	15.525	2242	2248	2252	rBV	61346	116741	1.01%	0.245%
43	15.714	2275	2279	2284	rVV2	115436	237684	2.06%	0.498%
44	15.763	2284	2287	2292	rVV	98468	165815	1.44%	0.348%
45	15.836	2292	2299	2313	rVB3	142251	420221	3.65%	0.881%
46	16.105	2337	2343	2356	rVV	48533	138730	1.20%	0.291%
47	16.233	2356	2364	2368	rVV	153169	324789	2.82%	0.681%
48	16.294	2368	2374	2387	rVV	1544009	3096518	26.89%	6.491%
49	16.489	2398	2406	2417	rVB	2603534	5461519	47.43%	11.449%

Sum of corrected areas: 47704323

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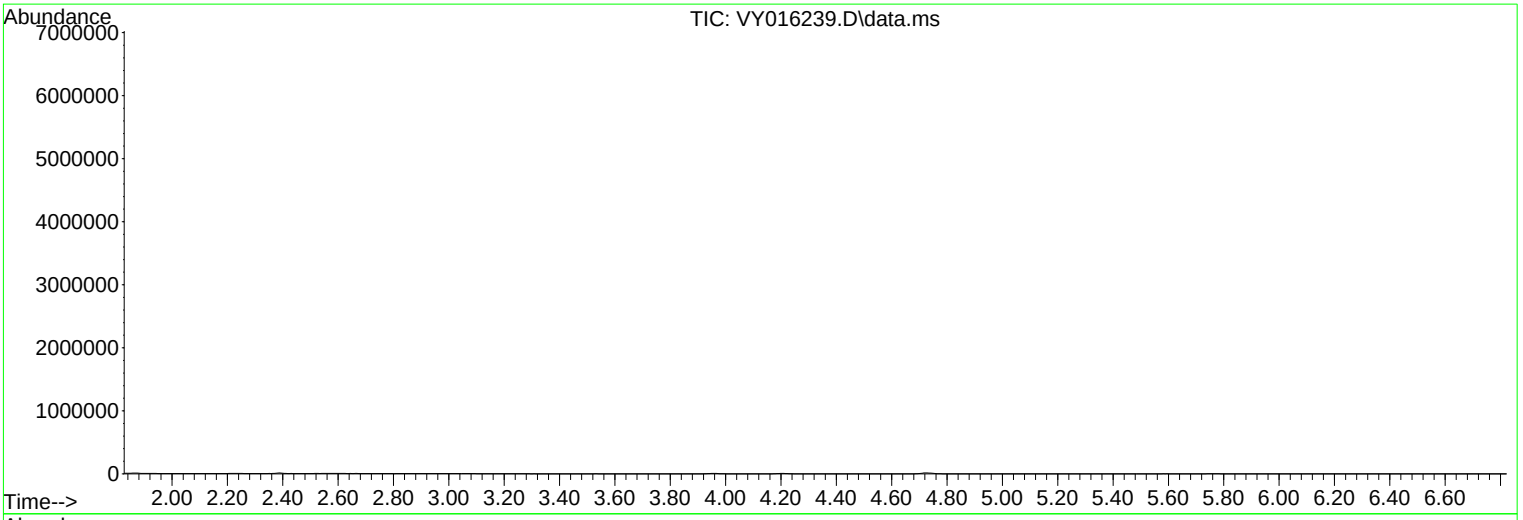
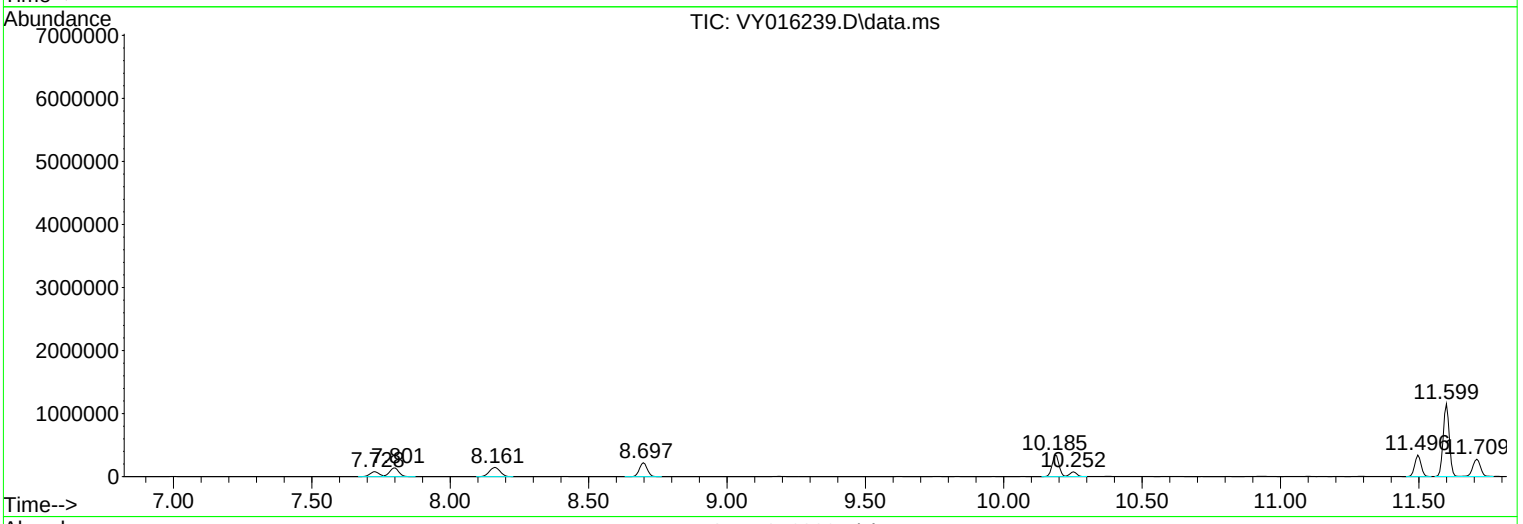
ALS Vial : 16 Sample Multiplier: 1

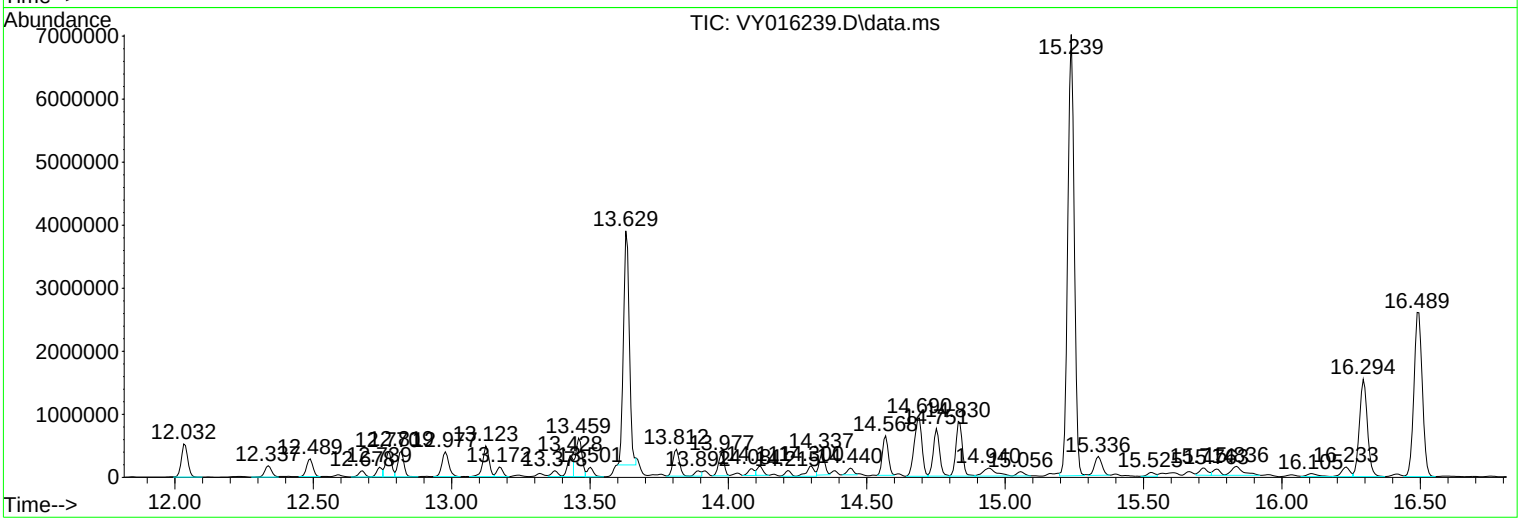
Instrument :
MSVOA_Y
ClientSampleId :
L-3(120FT)(0-5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016239.D
Acq On : 06 Nov 2023 16:06
Operator : SY/MD
Sample : 05253-03
Misc : 4.71g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
L-3(120FT)(0-5)

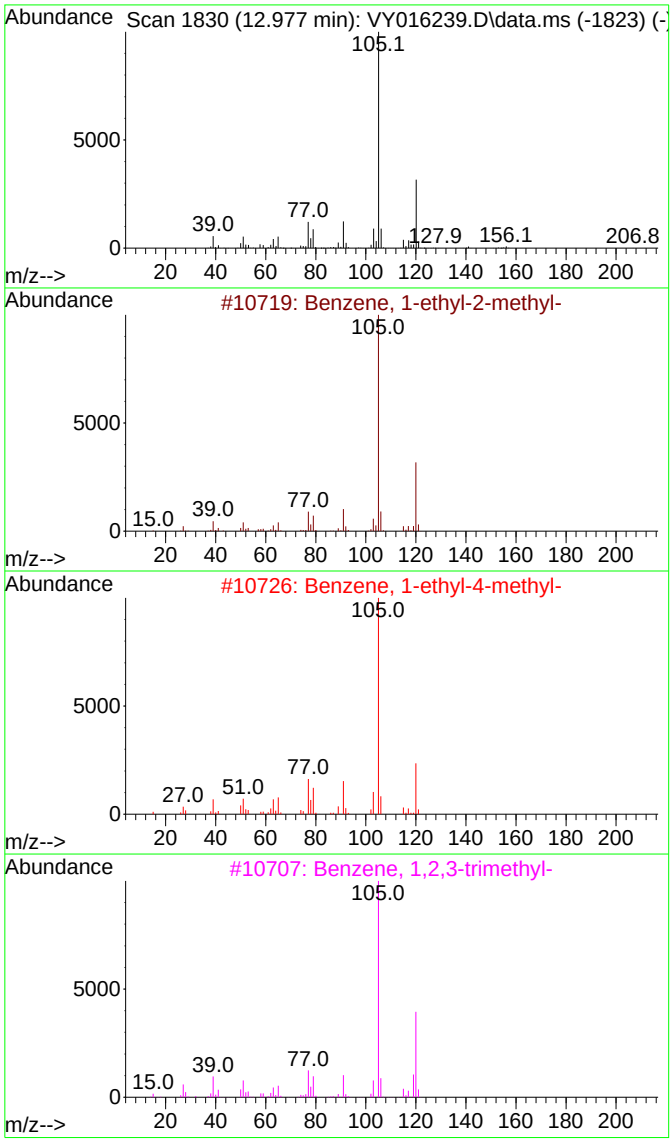
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

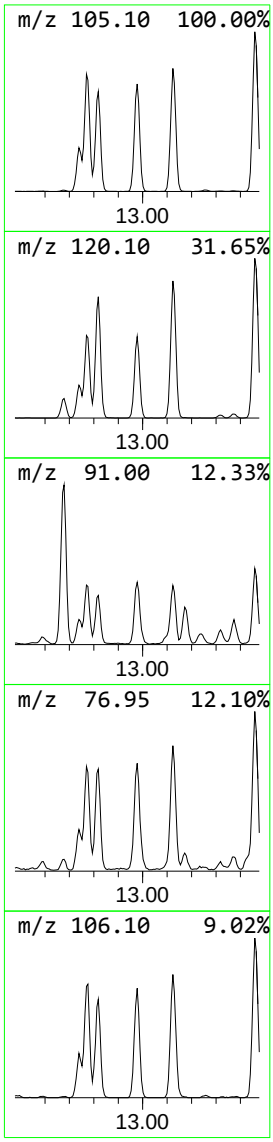
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.977	68.31 ug/l	677261	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	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016239.D
Acq On : 06 Nov 2023 16:06
Operator : SY/MD
Sample : 05253-03
Misc : 4.71g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
L-3(120FT)(0-5)

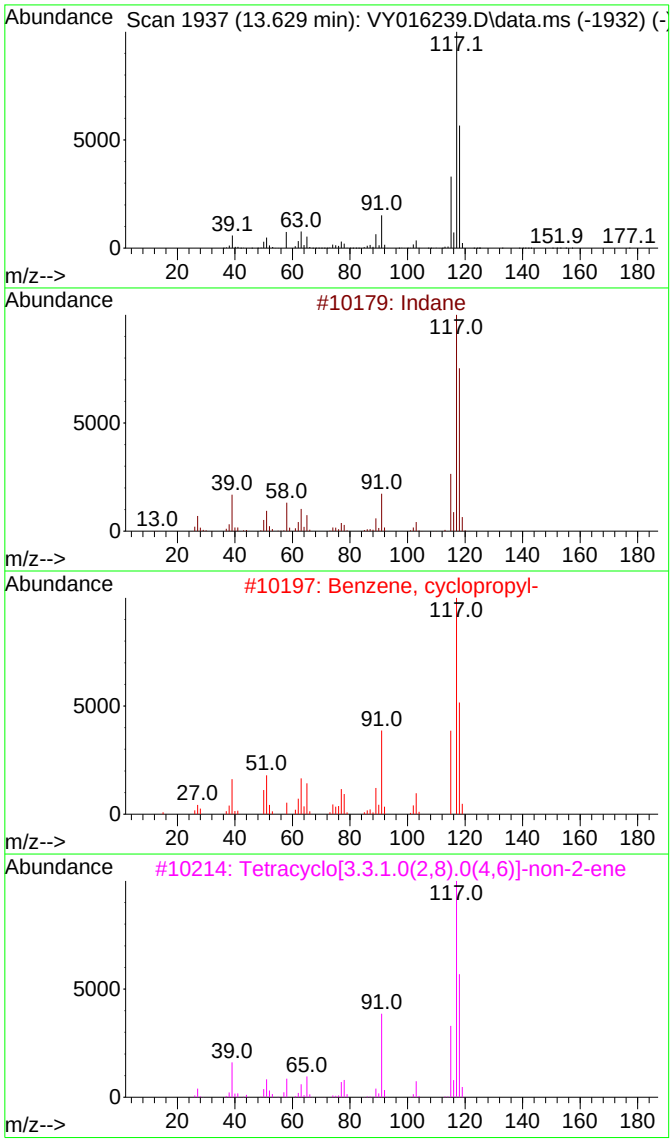
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

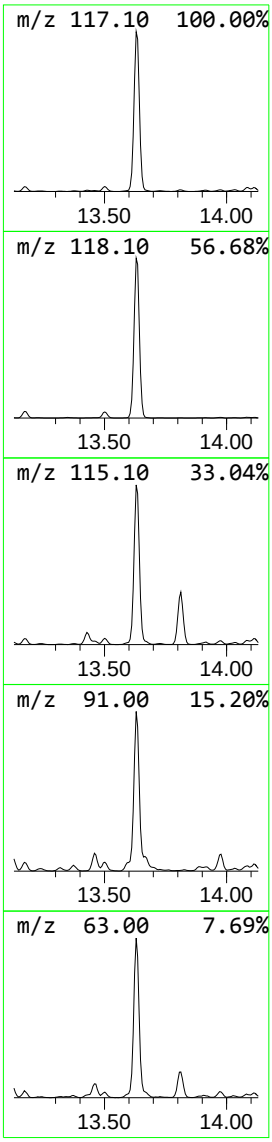
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	553.13 ug/l	5483680	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016239.D
Acq On : 06 Nov 2023 16:06
Operator : SY/MD
Sample : 05253-03
Misc : 4.71g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
L-3(120FT)(0-5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

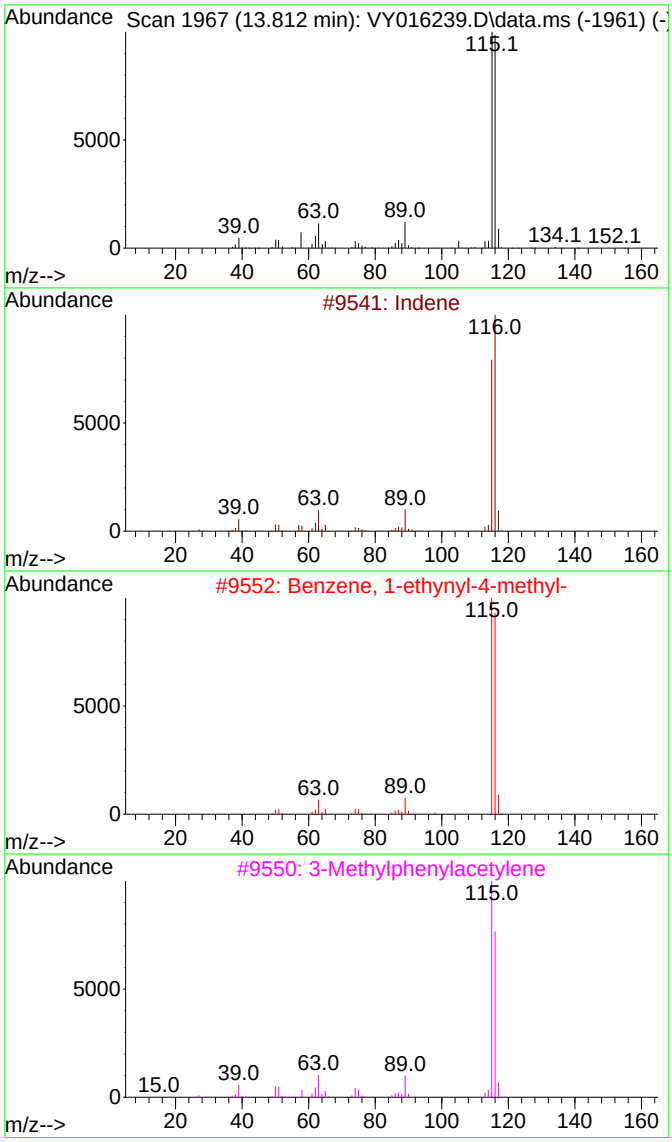
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

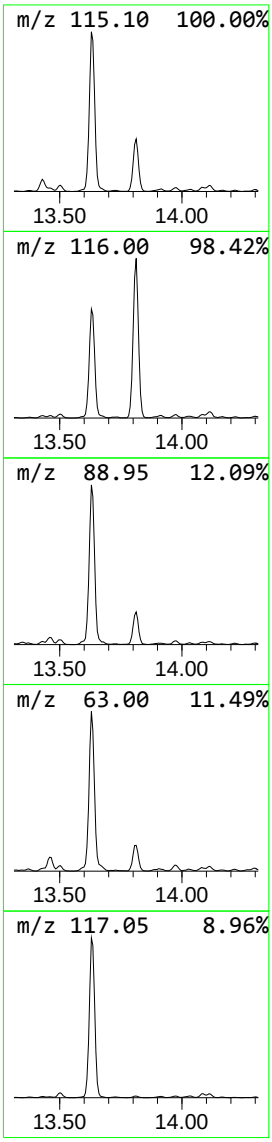
****

Peak Number 3 Indene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.812	68.28 ug/l	676935	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-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016239.D
Acq On : 06 Nov 2023 16:06
Operator : SY/MD
Sample : 05253-03
Misc : 4.71g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
L-3(120FT)(0-5)

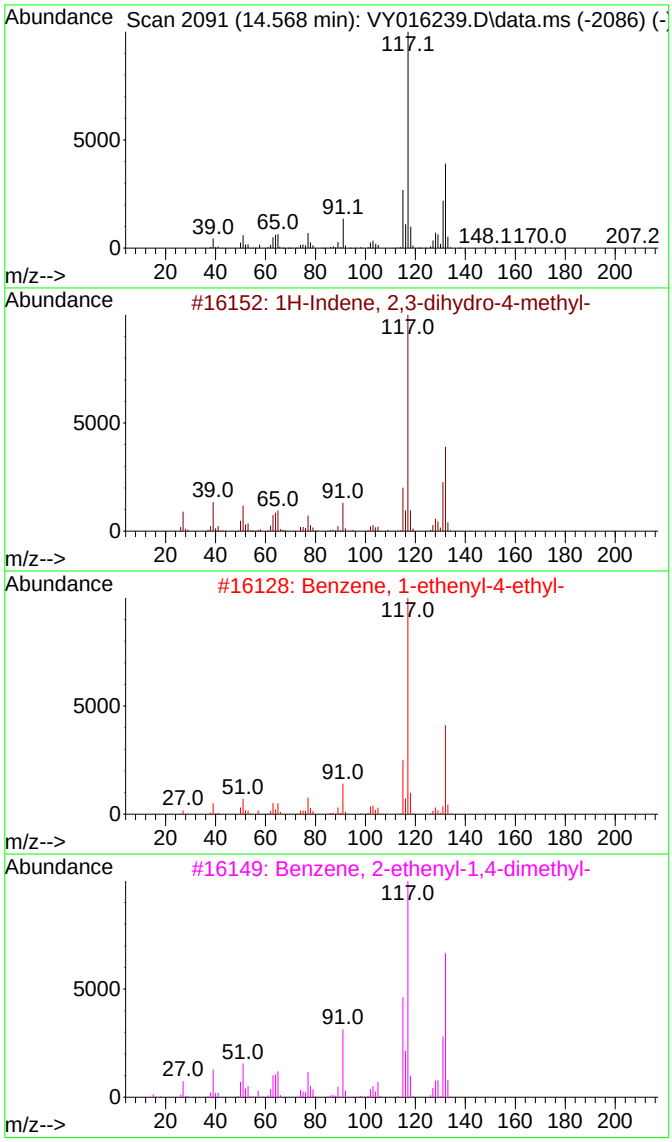
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

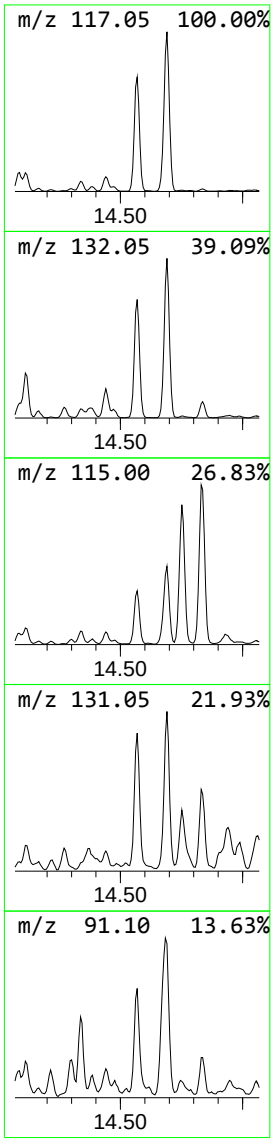
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.568	94.28 ug/l	934681	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91





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Sample : 05253-03
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
L-3(120FT)(0-5)

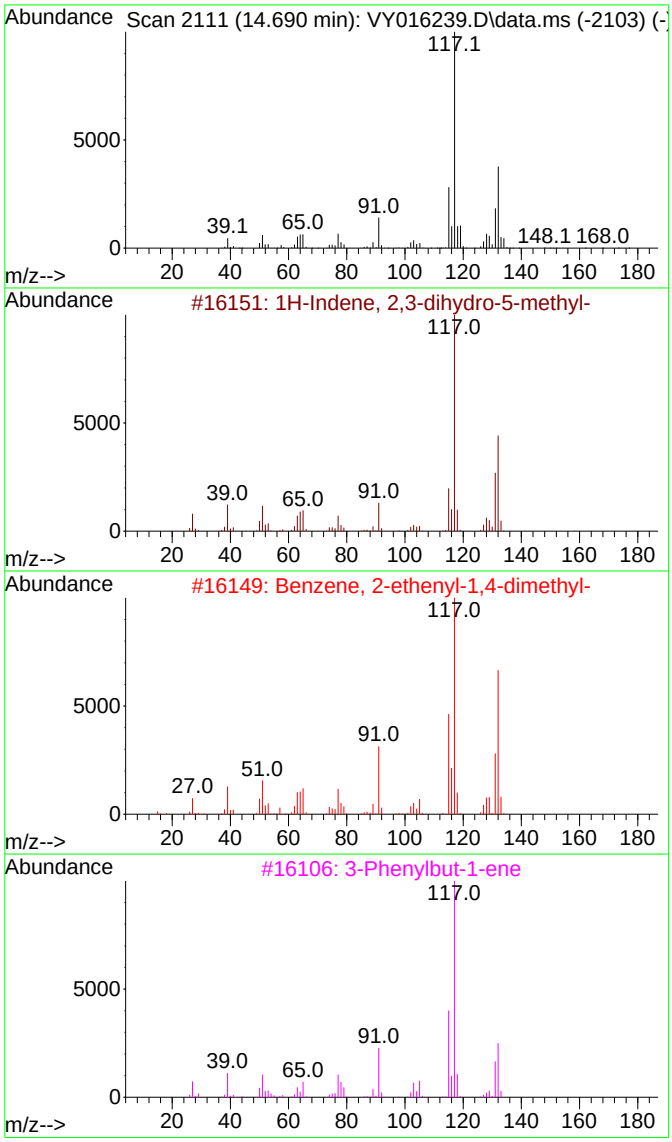
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

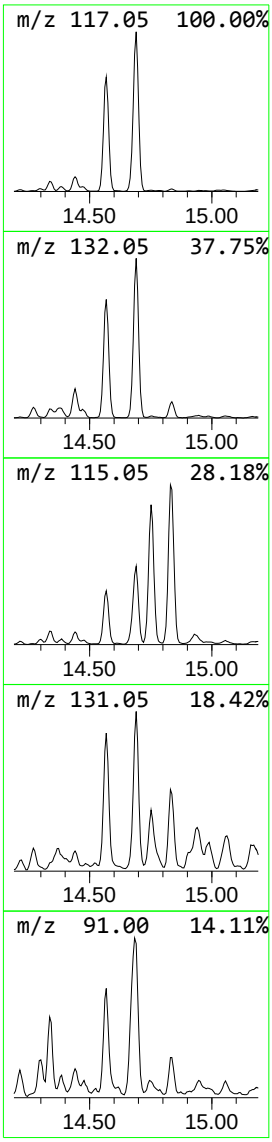
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.690	180.14 ug/l	1785930	1,4-Dichlorobenzene-d4	13.428

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	91
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
L-3(120FT)(0-5)

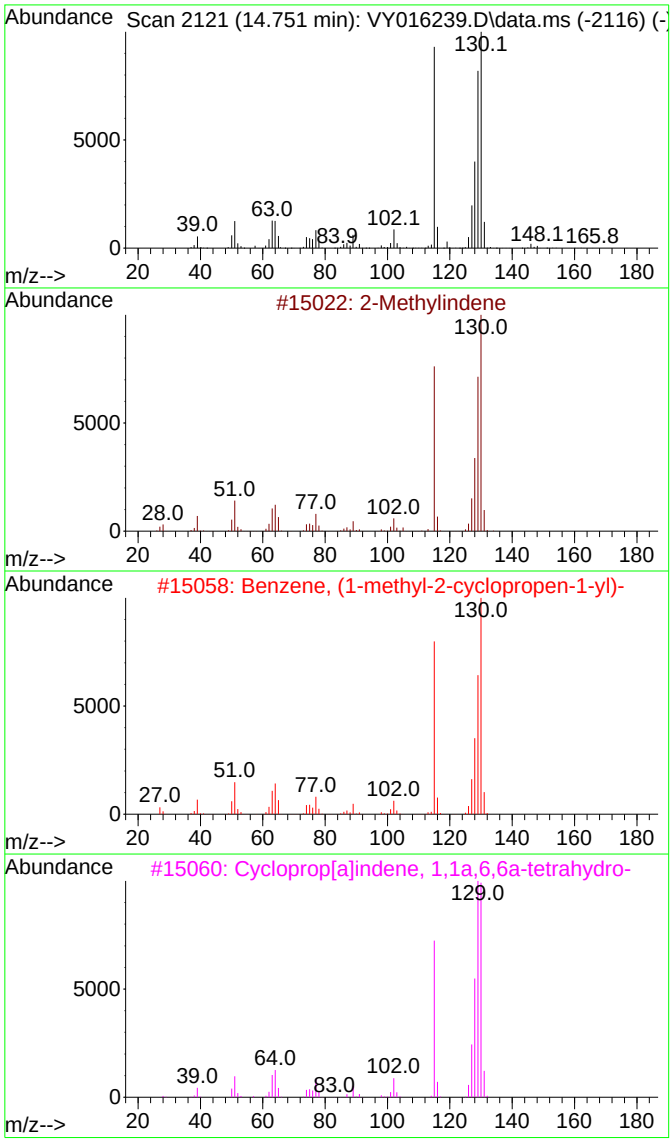
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

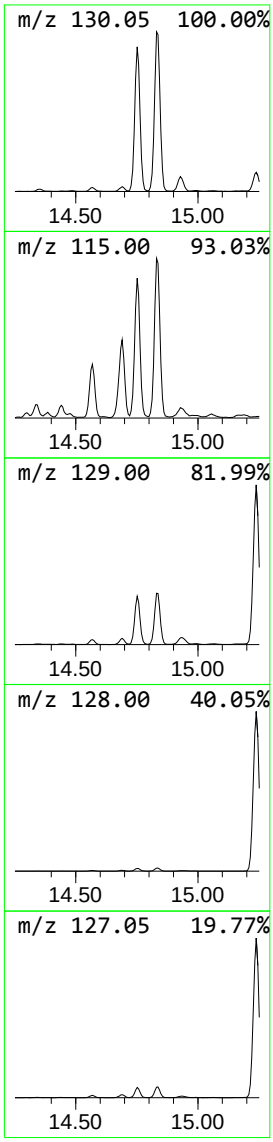
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Methylindene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.751	120.27 ug/l	1192370	1,4-Dichlorobenzene-d4	13.428

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	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016239.D
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Operator : SY/MD
Sample : 05253-03
Misc : 4.71g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
L-3(120FT)(0-5)

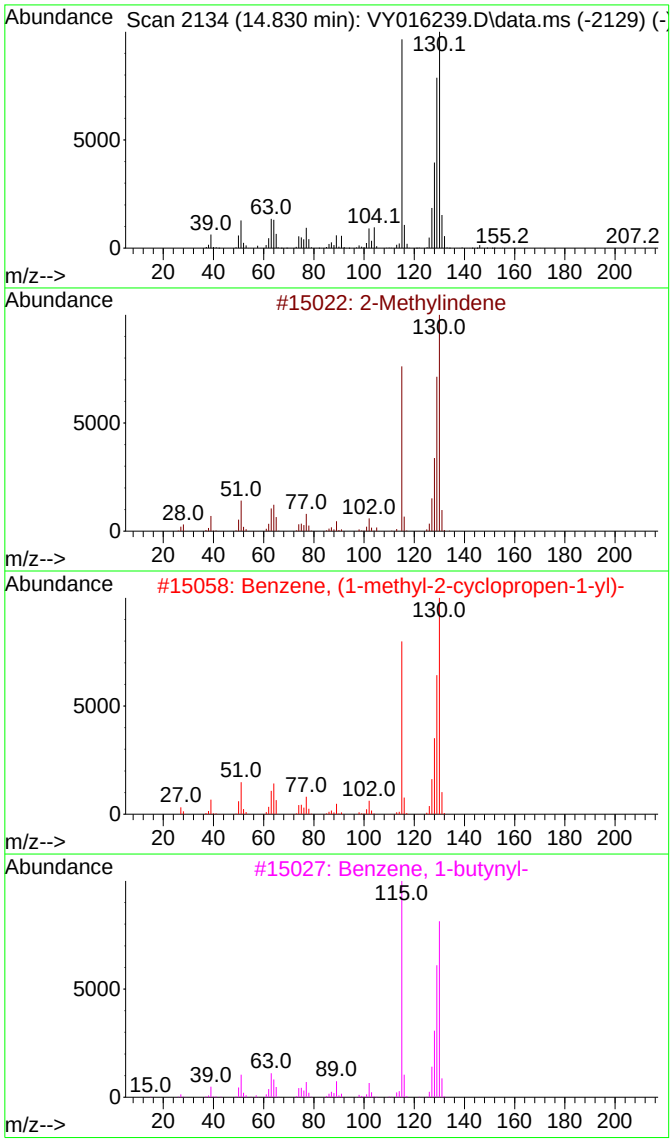
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

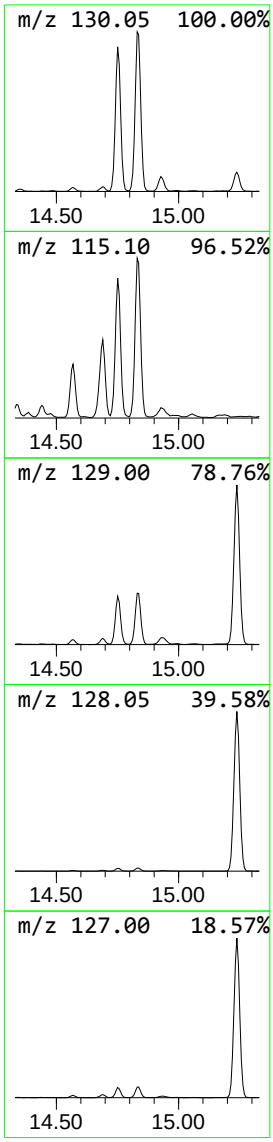
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, (1-methyl-2-cyclop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.831	142.23 ug/l	1410100	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016239.D
Acq On : 06 Nov 2023 16:06
Operator : SY/MD
Sample : 05253-03
Misc : 4.71g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
L-3(120FT)(0-5)

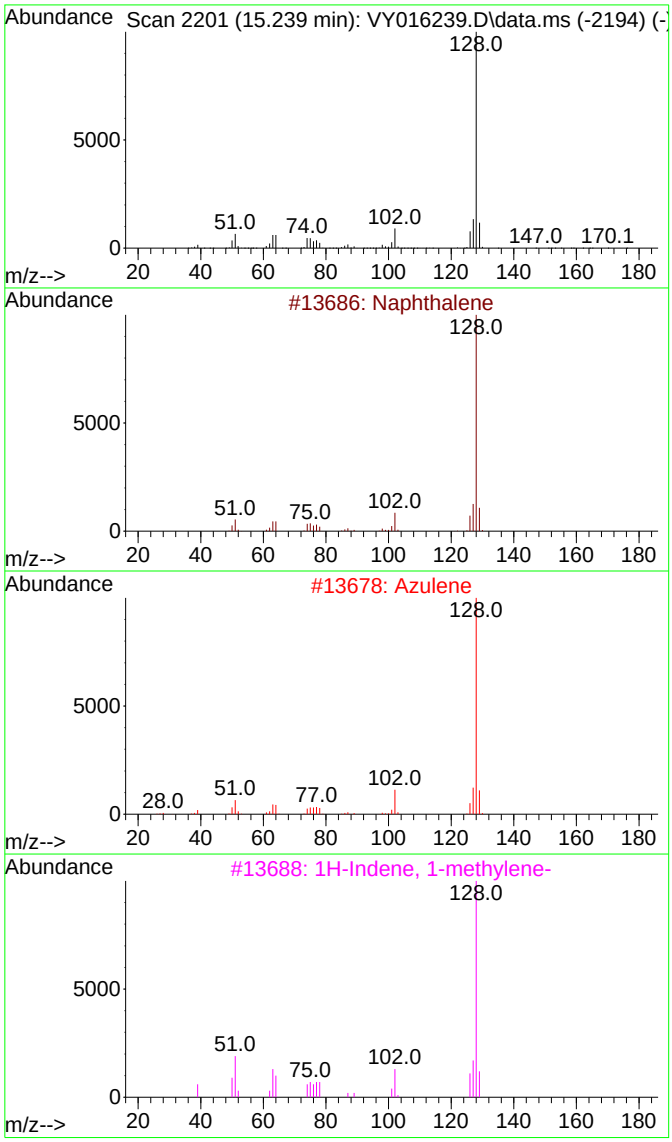
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

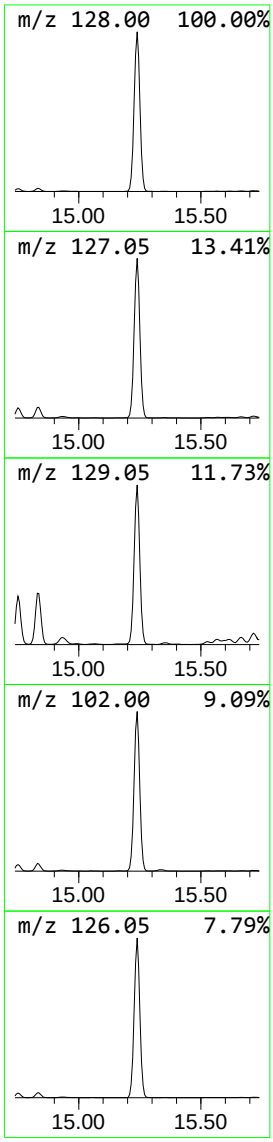
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.239	1161.58 ug/l	11515800	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Azulene	128	C10H8	000275-51-4	94
3	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	91
4	4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	78
5	4-Phenylbut-3-ene-1-yne	128	C10H8	1000222-12-0	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016239.D
Acq On : 06 Nov 2023 16:06
Operator : SY/MD
Sample : 05253-03
Misc : 4.71g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
L-3(120FT)(0-5)

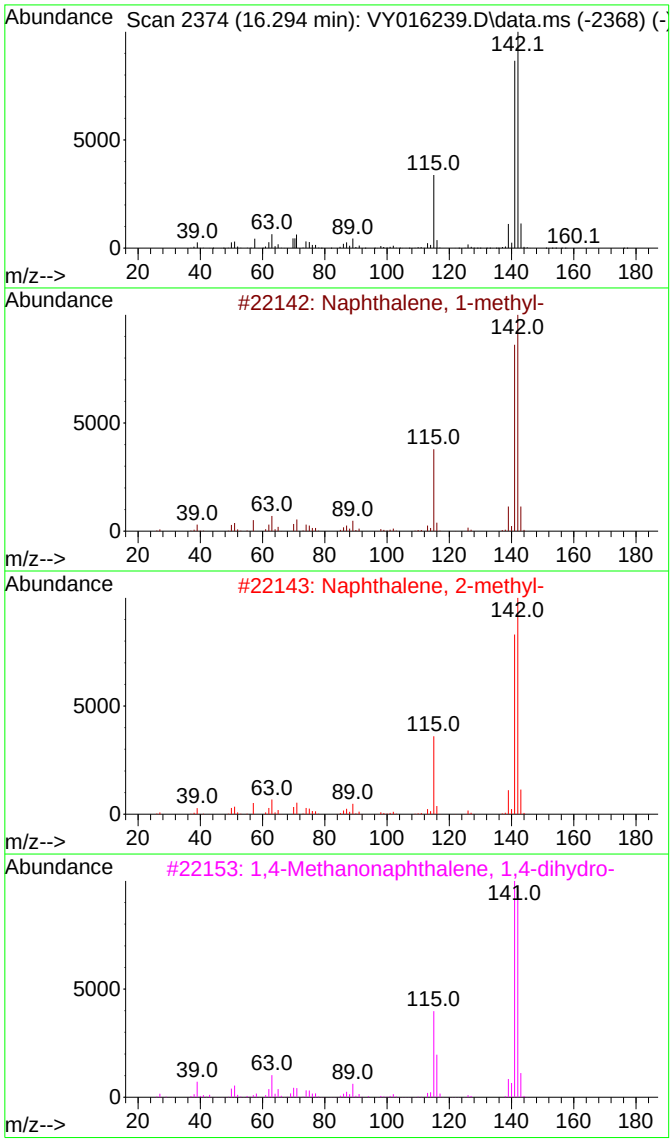
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

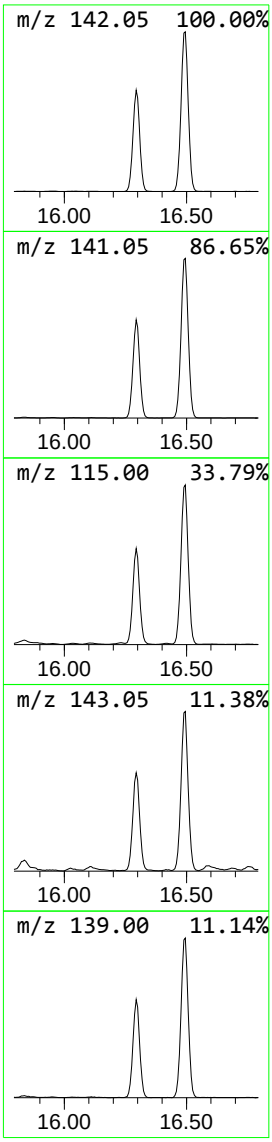
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.294	312.34 ug/l	3096520	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	90
4	Benzocycloheptatriene	142	C11H10	000264-09-5	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016239.D
Acq On : 06 Nov 2023 16:06
Operator : SY/MD
Sample : 05253-03
Misc : 4.71g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
L-3(120FT)(0-5)

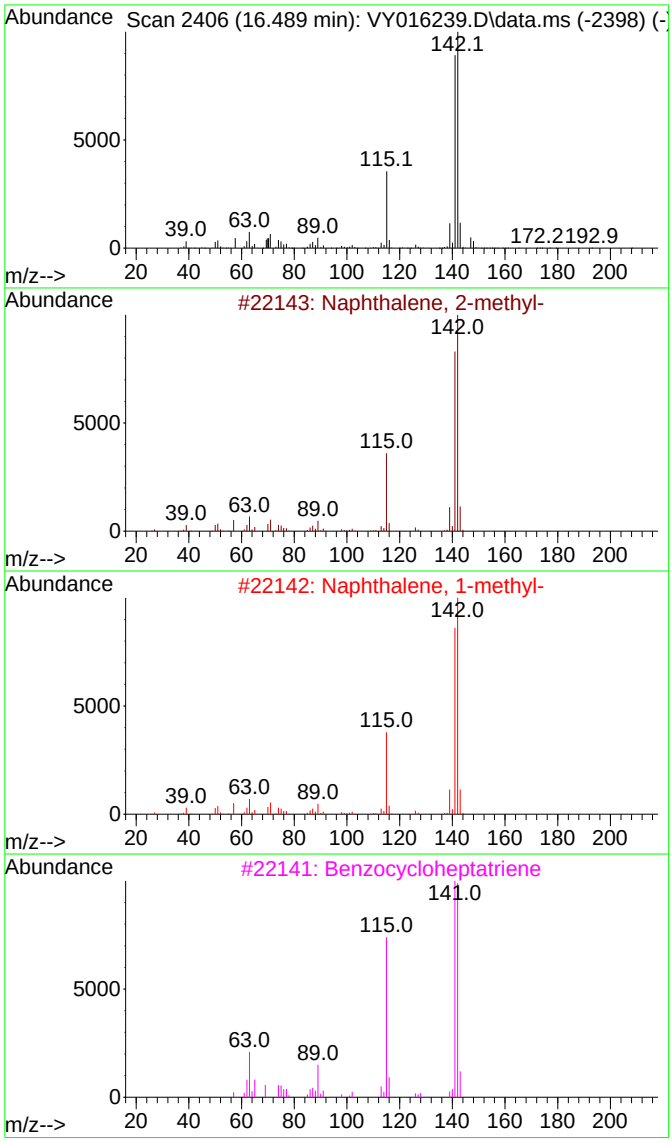
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

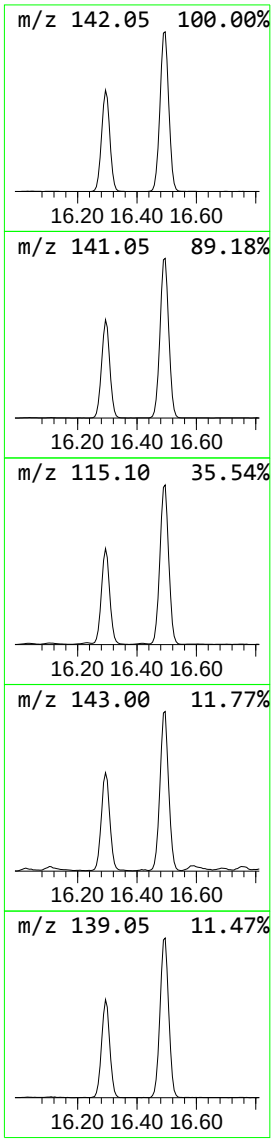
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzocycloheptatriene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.489	550.89 ug/l	5461520	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	Benzocycloheptatriene	142	C11H10	000264-09-5	90
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016239.D
Acq On : 06 Nov 2023 16:06
Operator : SY/MD
Sample : 05253-03
Misc : 4.71g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
L-3(120FT)(0-5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.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
Benzene, 1-ethy...	12.977	68.3	ug/l	677261	4	13.428	495696	50.0
Indane	13.629	553.1	ug/l	5483680	4	13.428	495696	50.0
Indene	13.812	68.3	ug/l	676935	4	13.428	495696	50.0
1H-Indene, 2,3-...	14.568	94.3	ug/l	934681	4	13.428	495696	50.0
1H-Indene, 2,3-...	14.690	180.1	ug/l	1785930	4	13.428	495696	50.0
2-Methylindene	14.751	120.3	ug/l	1192370	4	13.428	495696	50.0
Benzene, (1-met...	14.831	142.2	ug/l	1410100	4	13.428	495696	50.0
Azulene	15.239	1161.6	ug/l	11515800	4	13.428	495696	50.0
1,4-Methanonaph...	16.294	312.3	ug/l	3096520	4	13.428	495696	50.0
Benzocyclohepta...	16.489	550.9	ug/l	5461520	4	13.428	495696	50.0