LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092923\
Data File : VY015770.D
Acq On : 29 Sep 2023 21:46
Operator : SY/MD
Sample : 04657-12
Misc : 5.67g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
W-1(2-6IN)

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: VY015770.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.125	47	50	52	rBV2	658	757	1.16%	0.155%
2	2.211	60	64	67	rVV2	827	1045	1.61%	0.214%
3	2.473	104	107	117	rVB3	1050	2682	4.12%	0.548%
4	2.674	138	140	145	rVB2	857	1262	1.94%	0.258%
5	4.729	470	477	486	rBV6	1570	4195	6.44%	0.858%
6	7.722	961	968	974	rBV2	4986	11551	17.74%	2.362%
7	7.801	974	981	993	rVB	19853	44316	68.08%	9.062%
8	8.161	1032	1040	1048	rBV4	5946	14968	22.99%	3.061%
9	8.697	1120	1128	1136	rBV2	22394	45431	69.79%	9.290%
10	10.185	1365	1372	1379	rBV	31545	55575	85.37%	11.365%
11	10.258	1379	1384	1392	rVB	8530	15044	23.11%	3.076%
12	11.496	1581	1587	1595	rVB	21521	35277	54.19%	7.214%
13	11.599	1599	1604	1610	rBV	4894	7780	11.95%	1.591%
14	11.709	1615	1622	1628	rBV2	6803	12632	19.40%	2.583%
15	12.038	1670	1676	1683	rVB3	5634	11651	17.90%	2.383%
16	12.337	1722	1725	1728	rBV2	597	884	1.36%	0.181%
17	12.374	1728	1731	1733	rVV3	1086	1680	2.58%	0.344%
18	12.416	1733	1738	1741	rVV4	1568	3844	5.91%	0.786%
19	12.489	1745	1750	1760	rVB3	15652	28302	43.48%	5.788%
20	12.745	1787	1792	1793	rVV3	1125	1455	2.24%	0.298%
21	12.770	1795	1796	1801	rVV3	999	1410	2.17%	0.288%
22	12.813	1801	1803	1810	rVB3	1144	1481	2.28%	0.303%
23	12.977	1810	1830	1837	rBV9	3949	18441	28.33%	3.771%
24	13.093	1840	1849	1851	rVV5	2474	5940	9.12%	1.215%
25	13.123	1851	1854	1859	rVV5	5263	9702	14.90%	1.984%
26	13.178	1859	1863	1867	rVV3	1967	3547	5.45%	0.725%
27	13.233	1867	1872	1875	rVB3	608	1069	1.64%	0.219%
28	13.428	1900	1904	1913	rVB3	12159	19505	29.96%	3.989%
29	13.556	1919	1925	1926	rBV2	672	986	1.51%	0.202%
30	13.636	1934	1938	1939	rBV	1125	1420	2.18%	0.290%
31	13.678	1943	1945	1952	rVB6	1660	2634	4.05%	0.539%
32	13.812	1961	1967	1973	rBV	3961	6555	10.07%	1.340%
33	13.971	1988	1993	1994	rBV3	762	950	1.46%	0.194%
34	14.020	1996	2001	2002	rBV4	581	877	1.35%	0.179%
35	14.294	2042	2046	2050	rBV4	915	1591	2.44%	0.325%
36	14.739	2110	2119	2129	rVB8	2362	7860	12.07%	1.607%

LSC Area Percent Report

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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
W-1(2-6IN)

Integration Parameters: RTEINT.P
Integrator: RTE
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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	14.843	2132	2136	2139	rBV2	699	931	1.43%	0.190%
38	15.239	2193	2201	2211	rBV	35087	65097	100.00%	13.312%
39	15.434	2224	2233	2245	rBV4	4643	17285	26.55%	3.535%
40	15.745	2280	2284	2286	rVV3	773	954	1.47%	0.195%
41	16.056	2332	2335	2336	rBV2	737	924	1.42%	0.189%
42	16.068	2336	2337	2339	rBV2	842	719	1.10%	0.147%
43	16.098	2339	2342	2343	rBV2	1128	1245	1.91%	0.255%
44	16.123	2343	2346	2347	rBV3	1561	1575	2.42%	0.322%
45	16.172	2352	2354	2358	rVB5	1328	1915	2.94%	0.392%
46	16.294	2369	2374	2382	rVB2	4501	7905	12.14%	1.617%
47	16.501	2402	2408	2415	rVB3	2716	6158	9.46%	1.259%

Sum of corrected areas: 489007

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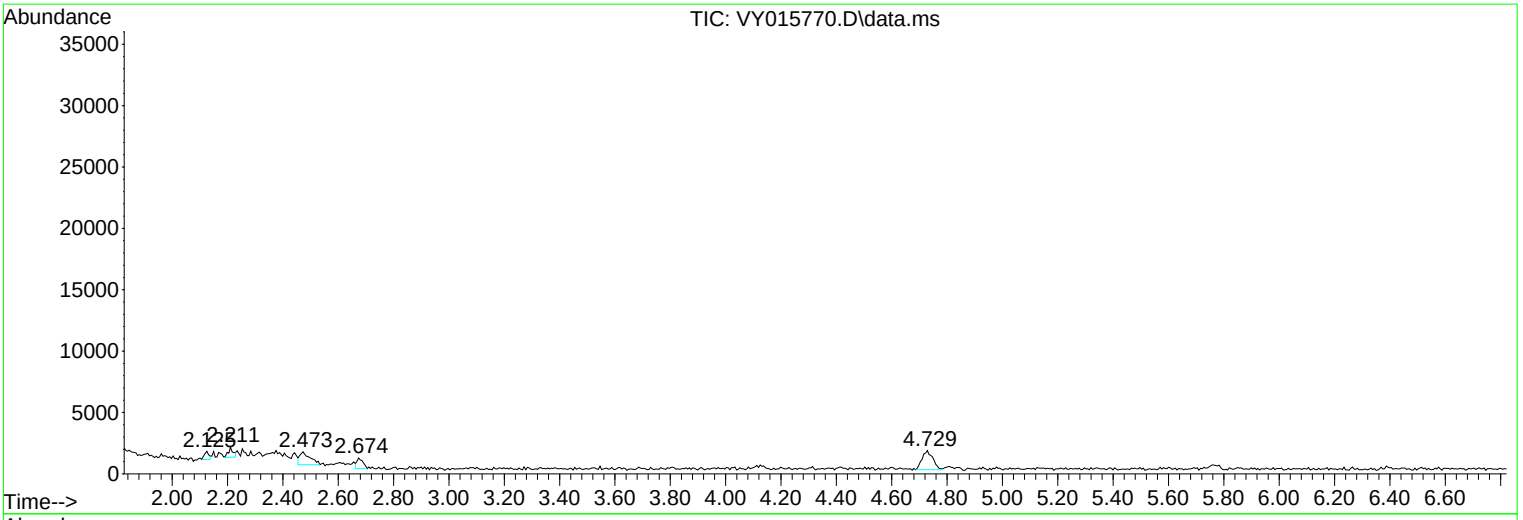
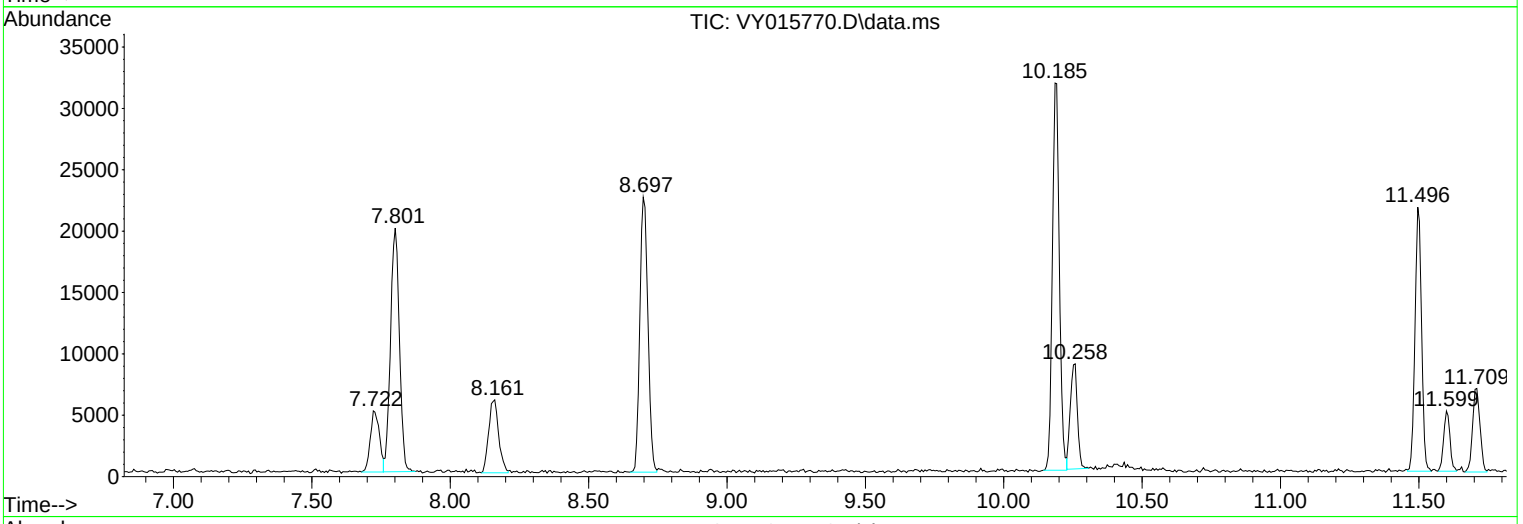
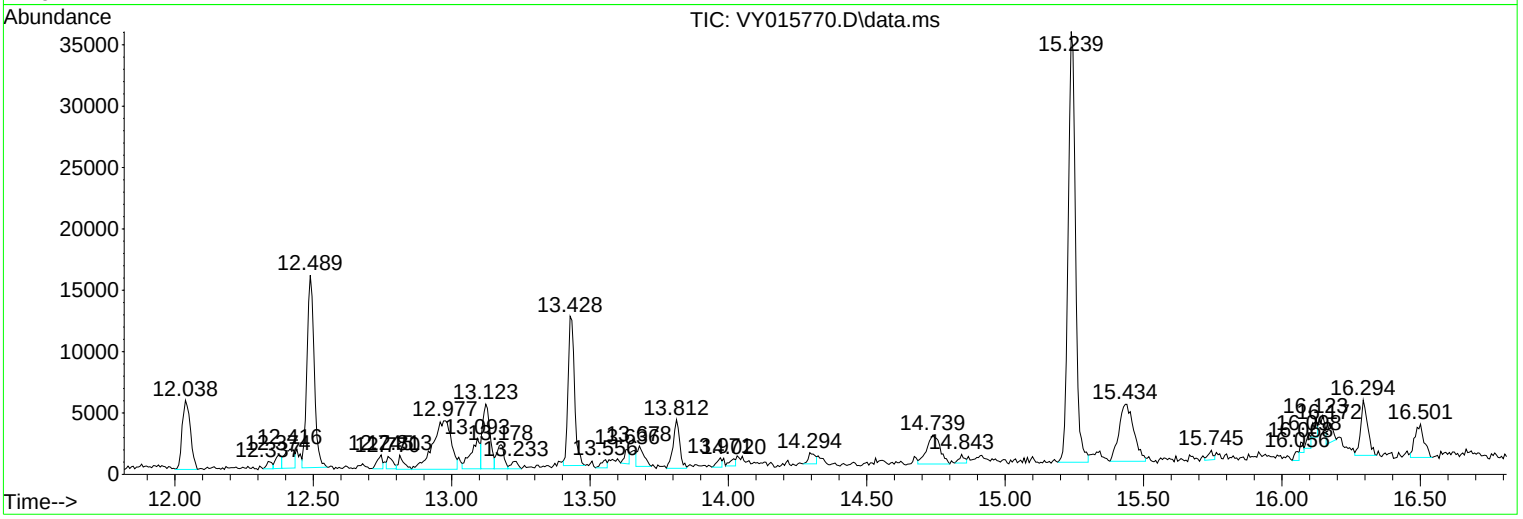
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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







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MSVOA_Y
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Quant Title : SW846 8260

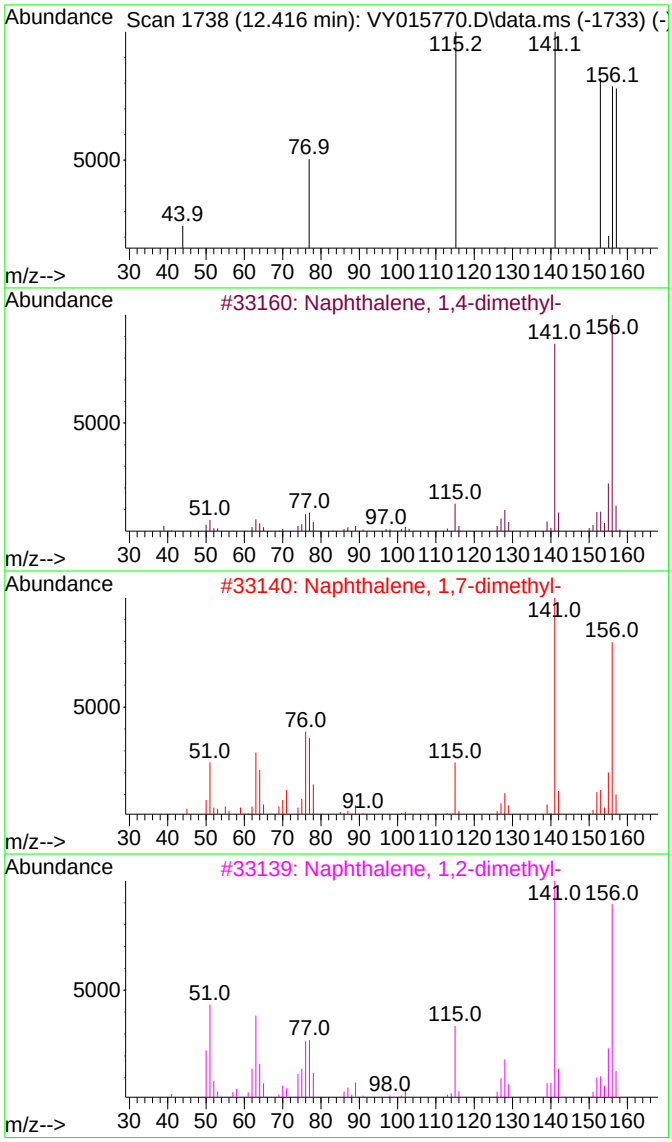
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

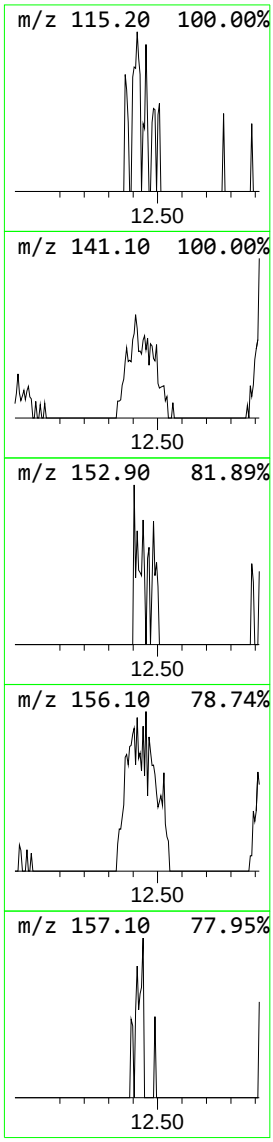
****

Peak Number 1 unknown12.416 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	5.45 ug/l	3844	Chlorobenzene-d5	11.496

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	43
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	38
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	38
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	38
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	35





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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
W-1(2-6IN)

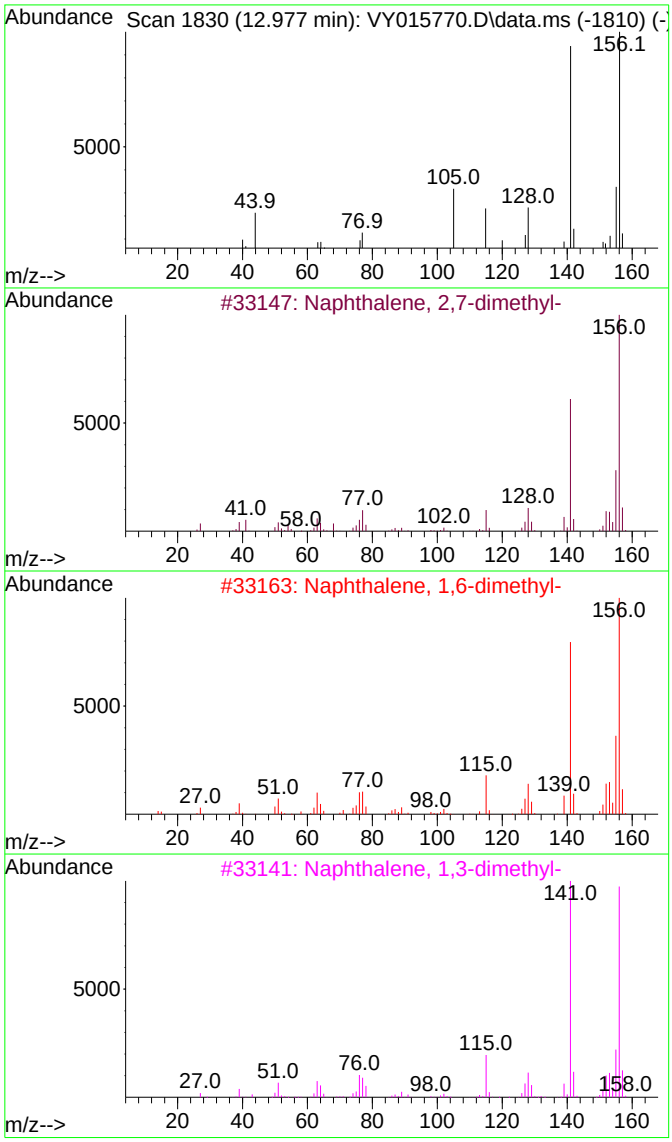
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

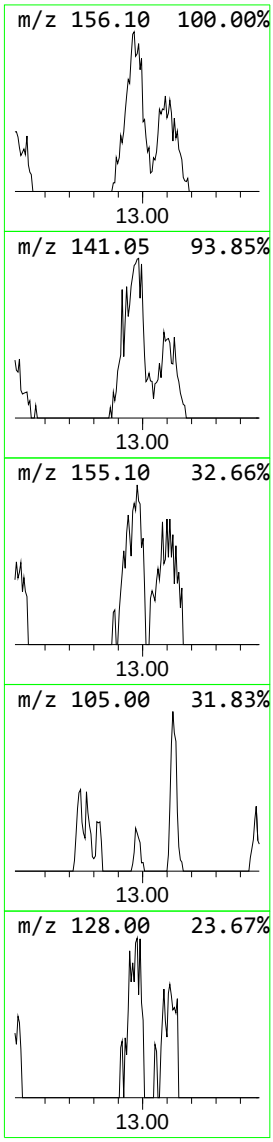
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.977	47.27 ug/l	18441	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93





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Operator : SY/MD
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
W-1(2-6IN)

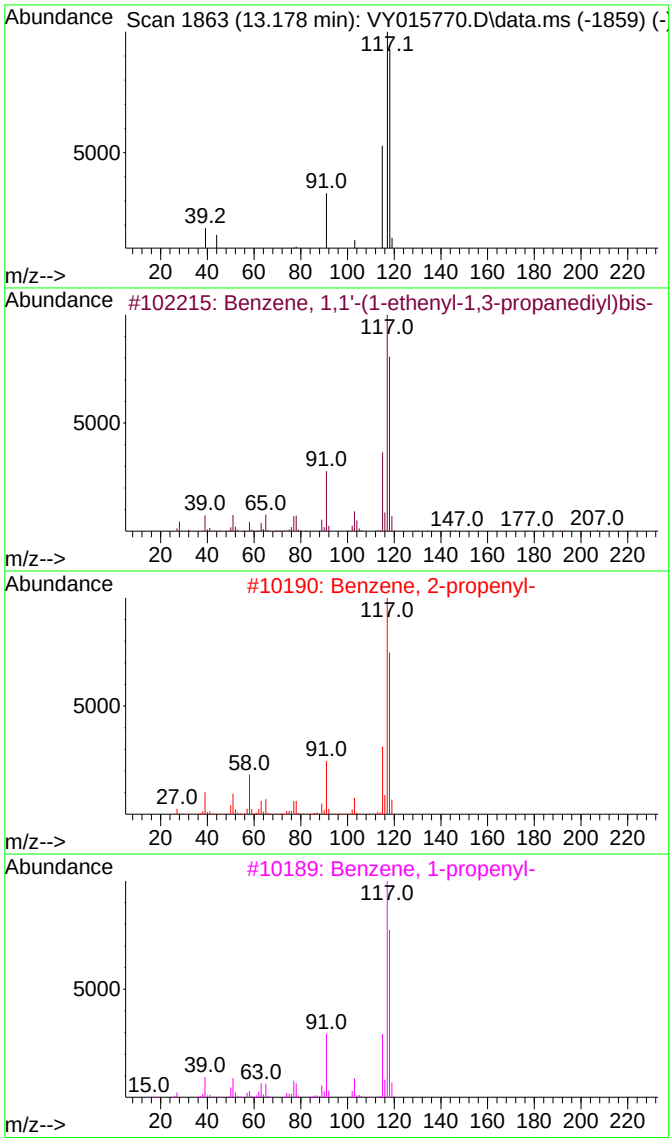
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

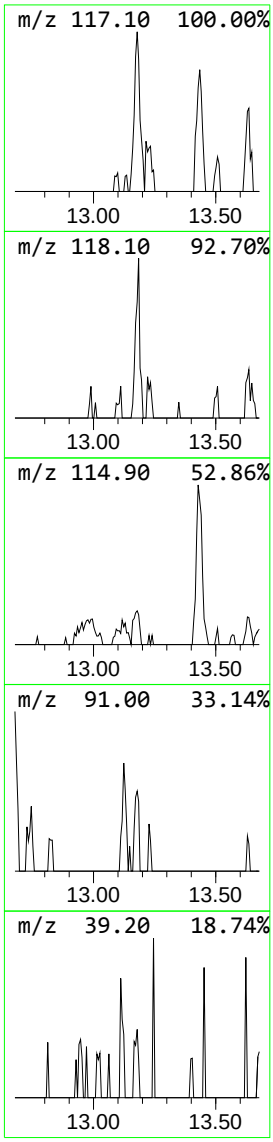
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,1'-(1-ethenyl-1,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.178	9.09 ug/l	3547	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	74
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	72
4	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	72
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72





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Misc : 5.67g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
W-1(2-6IN)

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

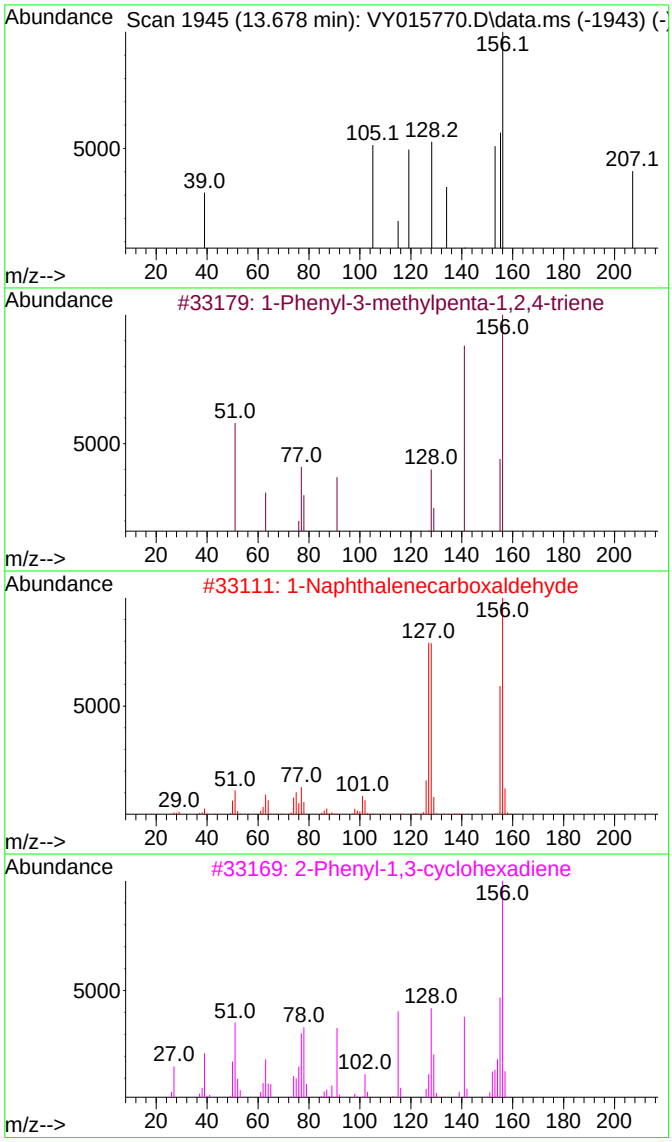
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

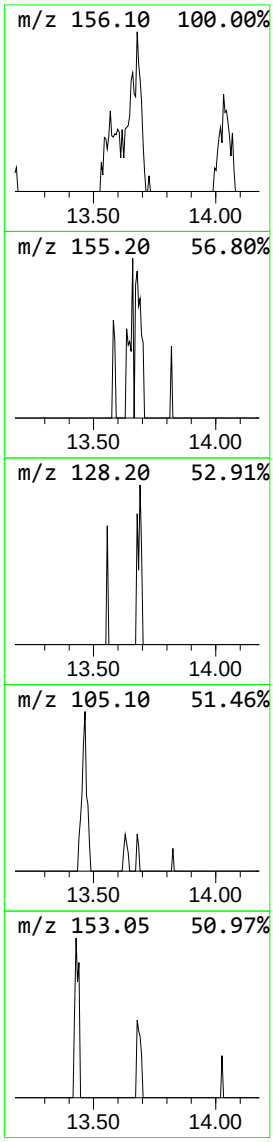
****

Peak Number 4 unknown13.678 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.678	6.75 ug/l	2634	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-3-methylpenta-1,2,4-triene	156	C12H12	093247-38-2	32
2	1-Naphthalenecarboxaldehyde	156	C11H8O	000066-77-3	32
3	2-Phenyl-1,3-cyclohexadiene	156	C12H12	015619-34-8	25
4	Benzene, 1,3-cyclohexadien-1-yl-	156	C12H12	015619-32-6	23
5	2-Hydroxy-5-imidazolic acid, eth...	156	C6H8N2O3	071123-14-3	9





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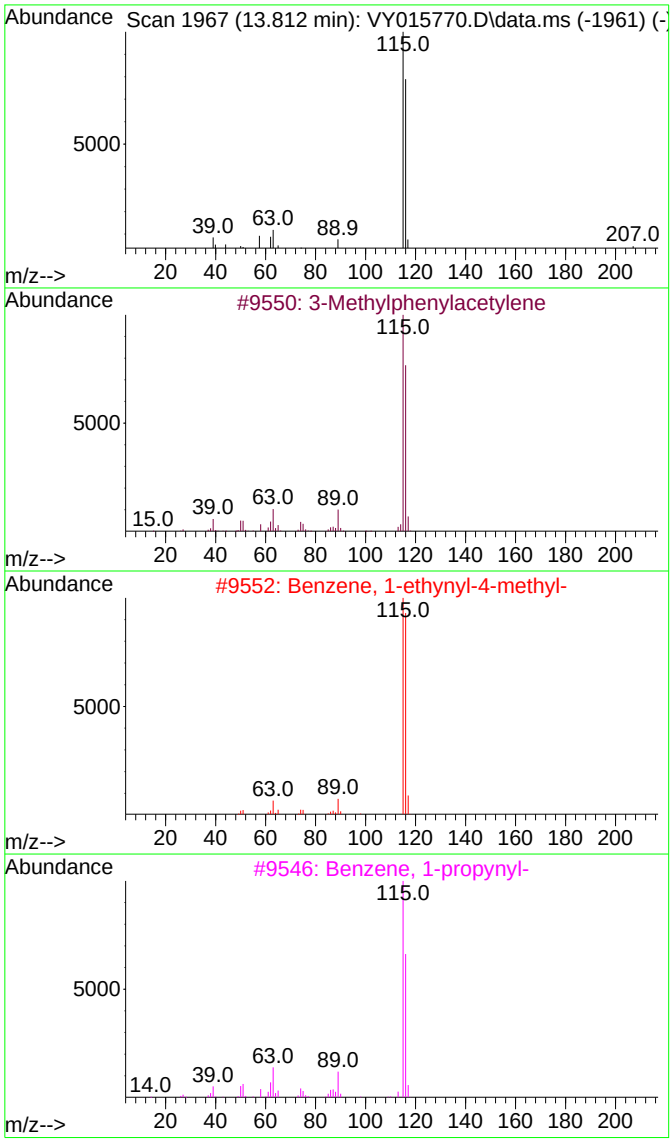
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

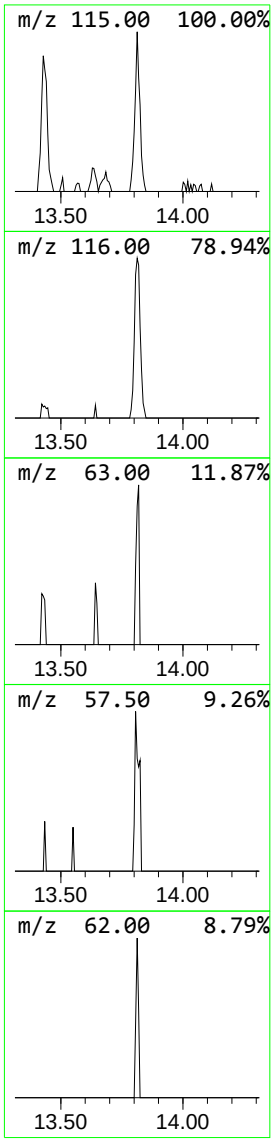
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 3-Methylphenylacetylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.812	16.80 ug/l	6555	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylphenylacetylene	116	C9H8	000766-82-5	86
2	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	78
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	78
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	78
5	Indene	116	C9H8	000095-13-6	72





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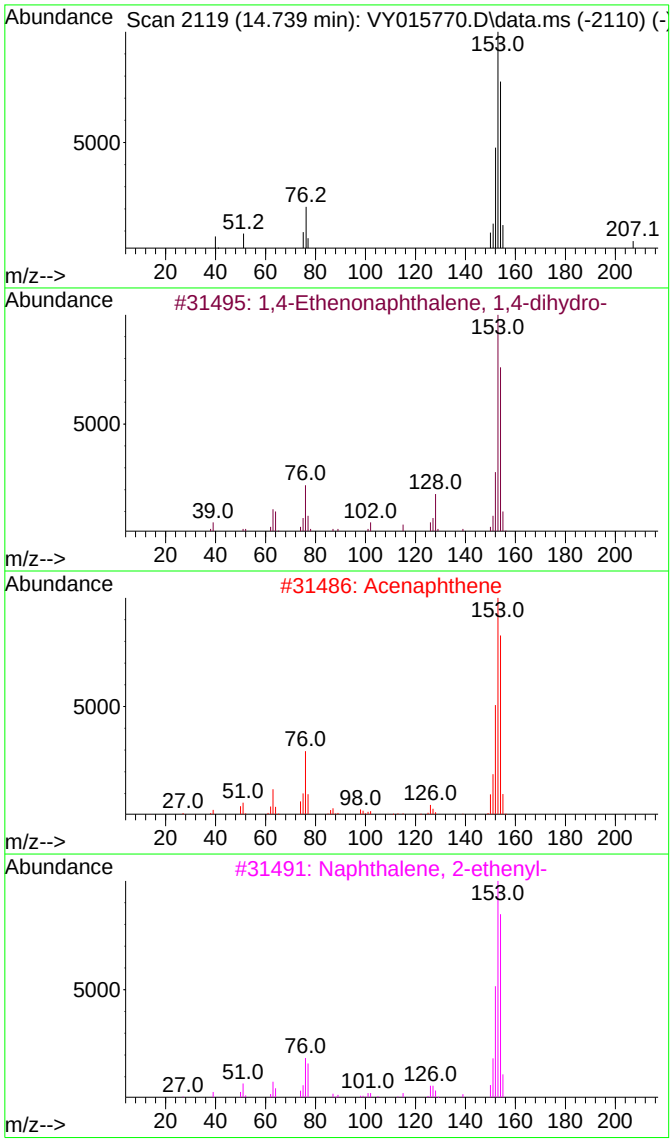
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

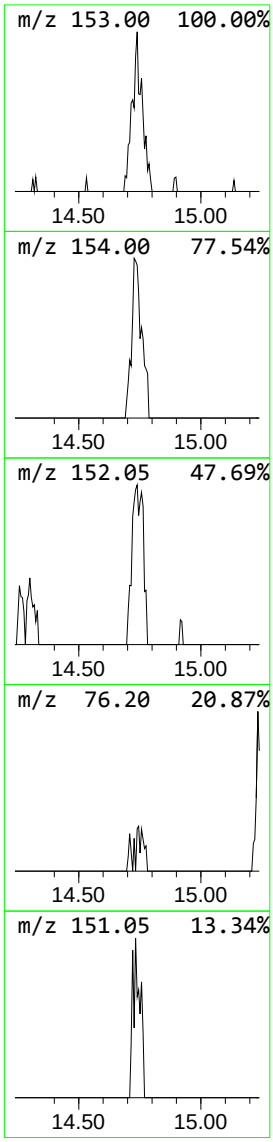
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,4-Ethenonaphthalene, 1,4-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.739	20.15 ug/l	7860	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	64
2	Acenaphthene	154	C12H10	000083-32-9	64
3	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	59
4	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	59
5	Biphenyl	154	C12H10	000092-52-4	43





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Instrument :
MSVOA_Y
ClientSampleId :
W-1(2-6IN)

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

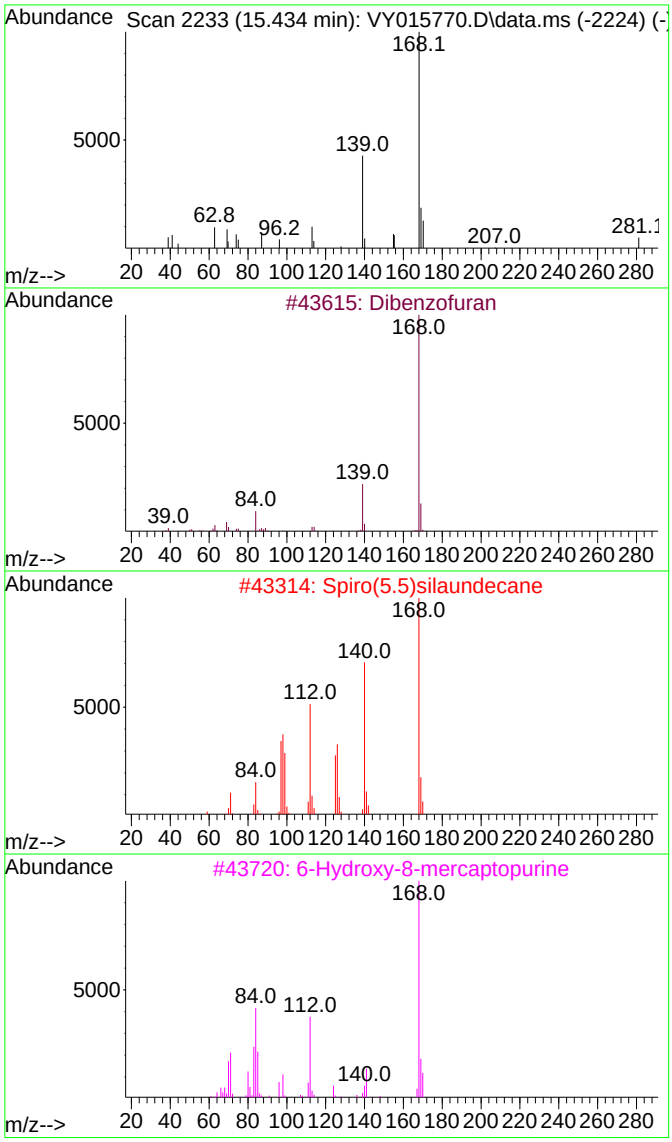
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

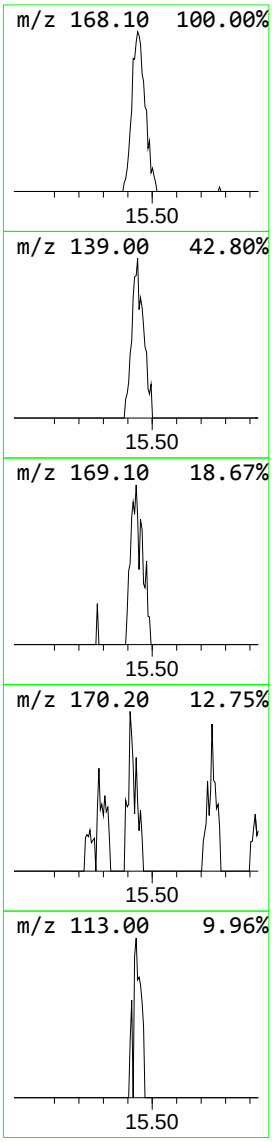
****

Peak Number 7 Dibenzofuran Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.434	44.31 ug/l	17285	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	50
2	Spiro(5.5)silaundecane	168	C10H20Si	1000434-32-3	47
3	6-Hydroxy-8-mercaptopurine	168	C5H4N4OS	006305-94-8	38
4	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	37
5	3-Chloro-5,6,7,8-tetrahydrocinno...	168	C8H9ClN2	032078-92-5	37





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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
W-1(2-6IN)

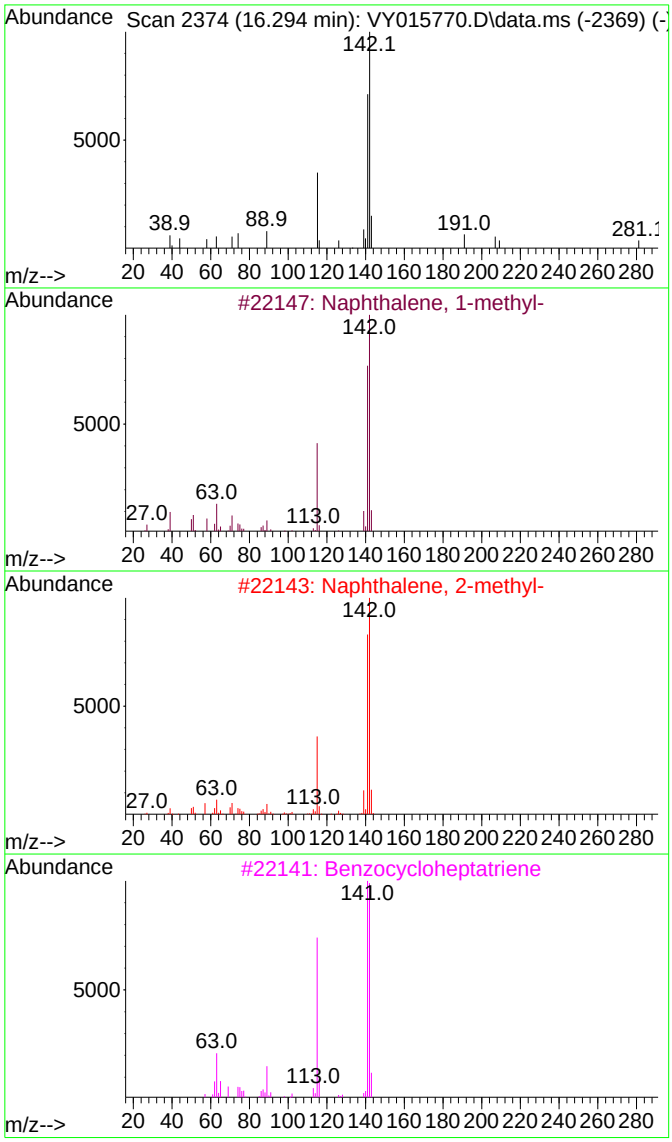
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

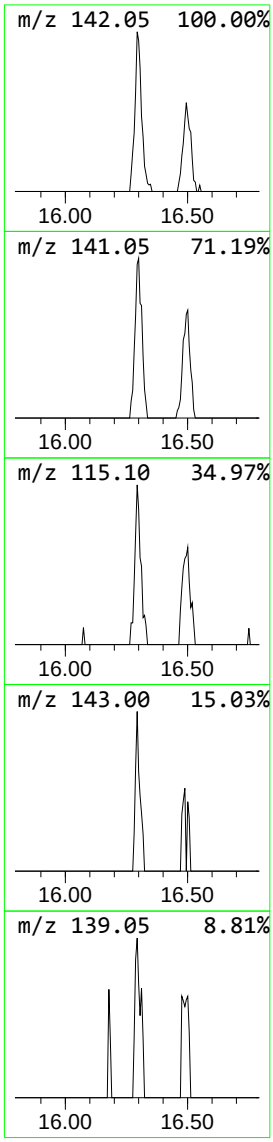
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.294	20.26 ug/l	7905	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	83
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	80
3	Benzocycloheptatriene	142	C11H10	000264-09-5	72
4	Spiro(9-methylenetricyclo[6.2.1....	184	C13H12O	033929-47-4	64
5	Naphthalene, 1-[(2-propenyloxy)m...	198	C14H14O	074685-39-5	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092923\
Data File : VY015770.D
Acq On : 29 Sep 2023 21:46
Operator : SY/MD
Sample : 04657-12
Misc : 5.67g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
W-1(2-6IN)

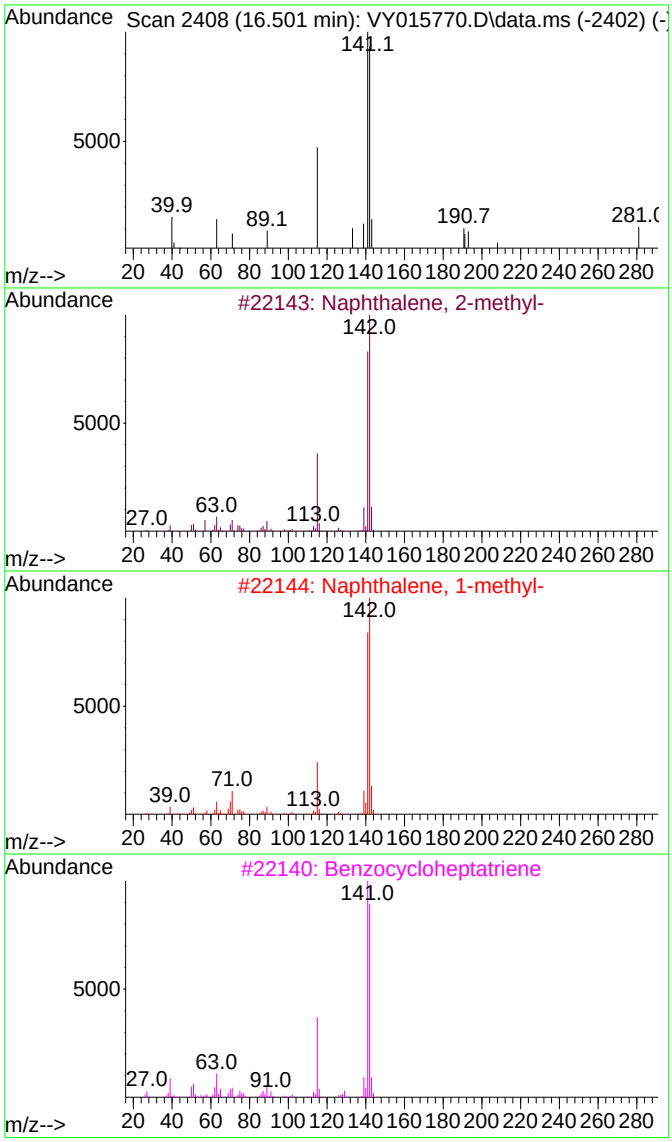
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

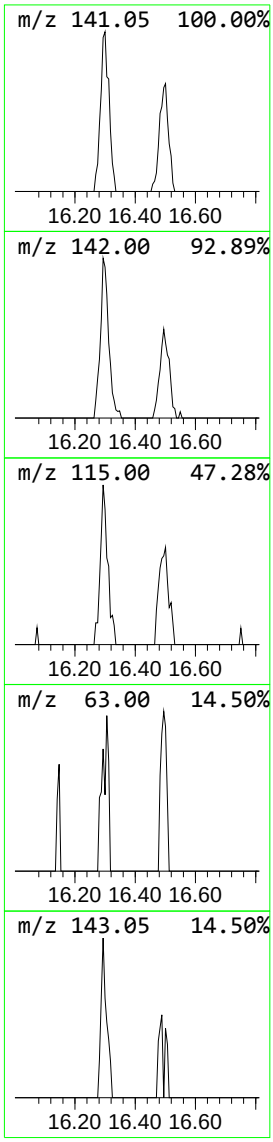
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.501	15.79 ug/l	6158	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	80
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	80
3	Benzocycloheptatriene	142	C11H10	000264-09-5	80
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	80
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092923\
Data File : VY015770.D
Acq On : 29 Sep 2023 21:46
Operator : SY/MD
Sample : 04657-12
Misc : 5.67g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
W-1(2-6IN)

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
unknown12.416	12.416	5.5	ug/l	3844	3	11.496	35277	50.0
Naphthalene, 2,...	12.977	47.3	ug/l	18441	4	13.434	19505	50.0
Benzene, 1,1'-(...	13.178	9.1	ug/l	3547	4	13.434	19505	50.0
unknown13.678	13.678	6.8	ug/l	2634	4	13.434	19505	50.0
3-Methylphenyla...	13.812	16.8	ug/l	6555	4	13.434	19505	50.0
1,4-Ethenonapht...	14.739	20.1	ug/l	7860	4	13.434	19505	50.0
Dibenzofuran	15.434	44.3	ug/l	17285	4	13.434	19505	50.0
Naphthalene, 1-...	16.294	20.3	ug/l	7905	4	13.434	19505	50.0
Naphthalene, 2-...	16.501	15.8	ug/l	6158	4	13.434	19505	50.0