LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
Data File : VY017270.D
Acq On : 06 Feb 2024 17:23
Operator : SY/MD
Sample : P1358-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT24449

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\82Y020124S.M
Title : SW846 8260

Signal : TIC: VY017270.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.217	60	65	75	rBV	19360	31944	7.86%	0.993%
2	4.028	355	362	372	rVB2	3580	10095	2.48%	0.314%
3	4.723	463	476	488	rBV3	6562	21720	5.34%	0.675%
4	5.747	634	644	655	rBV6	2995	9074	2.23%	0.282%
5	6.990	838	848	859	rBV2	3975	15282	3.76%	0.475%
6	7.722	958	968	973	rBV	60498	144536	35.55%	4.491%
7	7.789	973	979	993	rVB	96392	213783	52.58%	6.642%
8	8.143	1027	1037	1050	rBV	57156	124287	30.57%	3.862%
9	8.691	1118	1127	1137	rBV	156059	303946	74.76%	9.444%
10	10.185	1364	1372	1379	rBV	233671	406568	100.00%	12.632%
11	10.581	1431	1437	1448	rVB2	6389	12048	2.96%	0.374%
12	10.947	1491	1497	1506	rBV2	4188	8107	1.99%	0.252%
13	11.496	1580	1587	1600	rBV	213344	343928	84.59%	10.686%
14	12.032	1672	1675	1682	rVB5	2723	4806	1.18%	0.149%
15	12.489	1743	1750	1757	rBV	143031	221526	54.49%	6.883%
16	12.745	1785	1792	1794	rBV3	2395	5003	1.23%	0.155%
17	12.813	1794	1803	1809	rVV5	7845	18208	4.48%	0.566%
18	12.971	1823	1829	1834	rBV4	2203	5143	1.26%	0.160%
19	13.050	1838	1842	1849	rVB5	3906	6869	1.69%	0.213%
20	13.123	1849	1854	1859	rBV	4878	7741	1.90%	0.241%
21	13.312	1879	1885	1891	rBV8	5743	14251	3.51%	0.443%
22	13.434	1898	1905	1914	rBV	161491	271770	66.84%	8.444%
23	13.556	1920	1925	1931	rVB8	1878	4400	1.08%	0.137%
24	13.629	1931	1937	1941	rBV3	7690	13469	3.31%	0.418%
25	13.672	1941	1944	1949	rVB2	4944	6739	1.66%	0.209%
26	13.751	1952	1957	1962	rBV4	17632	31222	7.68%	0.970%
27	13.898	1977	1981	1982	rBV3	3570	4150	1.02%	0.129%
28	13.922	1982	1985	1989	rVV2	6725	11434	2.81%	0.355%
29	13.977	1989	1994	1999	rVB2	13072	21766	5.35%	0.676%
30	14.087	2006	2012	2017	rBV2	25487	43423	10.68%	1.349%
31	14.148	2017	2022	2027	rVV5	6852	17386	4.28%	0.540%
32	14.215	2028	2033	2036	rVV5	9647	18218	4.48%	0.566%
33	14.264	2036	2041	2045	rVV4	22149	37011	9.10%	1.150%
34	14.300	2045	2047	2051	rVV2	7092	8759	2.15%	0.272%
35	14.343	2051	2054	2057	rVB	8423	9817	2.41%	0.305%
36	14.385	2057	2061	2064	rBV4	5705	9124	2.24%	0.283%

LSC Area Percent Report

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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CHRT24449

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\82Y020124S.M
Title : SW846 8260

37	14.428	2064	2068	2072	rVV3	14566	20517	5.05%	0.637%
38	14.483	2074	2077	2082	rVB6	7820	10400	2.56%	0.323%
39	14.574	2089	2092	2096	rBV3	4306	5421	1.33%	0.168%
40	14.617	2096	2099	2104	rVB2	10927	15826	3.89%	0.492%
41	14.690	2104	2111	2115	rBV5	33096	70830	17.42%	2.201%
42	14.739	2115	2119	2125	rVB4	18685	32145	7.91%	0.999%
43	14.843	2130	2136	2140	rBV	43634	74749	18.39%	2.322%
44	14.885	2140	2143	2146	rVB2	10498	12486	3.07%	0.388%
45	14.946	2149	2153	2157	rVB5	15005	24716	6.08%	0.768%
46	14.989	2157	2160	2165	rBV4	8387	14314	3.52%	0.445%
47	15.062	2166	2172	2180	rVB3	19774	50240	12.36%	1.561%
48	15.141	2180	2185	2191	rBV7	12428	27158	6.68%	0.844%
49	15.215	2192	2197	2202	rBV8	8477	18414	4.53%	0.572%
50	15.269	2202	2206	2207	rBV3	9728	12746	3.14%	0.396%
51	15.300	2207	2211	2216	rBV2	27782	44159	10.86%	1.372%
52	15.446	2231	2235	2240	rBV7	11020	18379	4.52%	0.571%
53	15.605	2257	2261	2269	rVB9	12523	24260	5.97%	0.754%
54	15.690	2269	2275	2276	rBV5	10109	17510	4.31%	0.544%
55	15.739	2279	2283	2289	rVB5	39499	71955	17.70%	2.236%
56	16.044	2328	2333	2339	rVB3	36442	65386	16.08%	2.032%
57	16.239	2359	2365	2370	rBV2	43372	91300	22.46%	2.837%
58	16.501	2402	2408	2413	rBV10	19808	58060	14.28%	1.804%

Sum of corrected areas: 3218524

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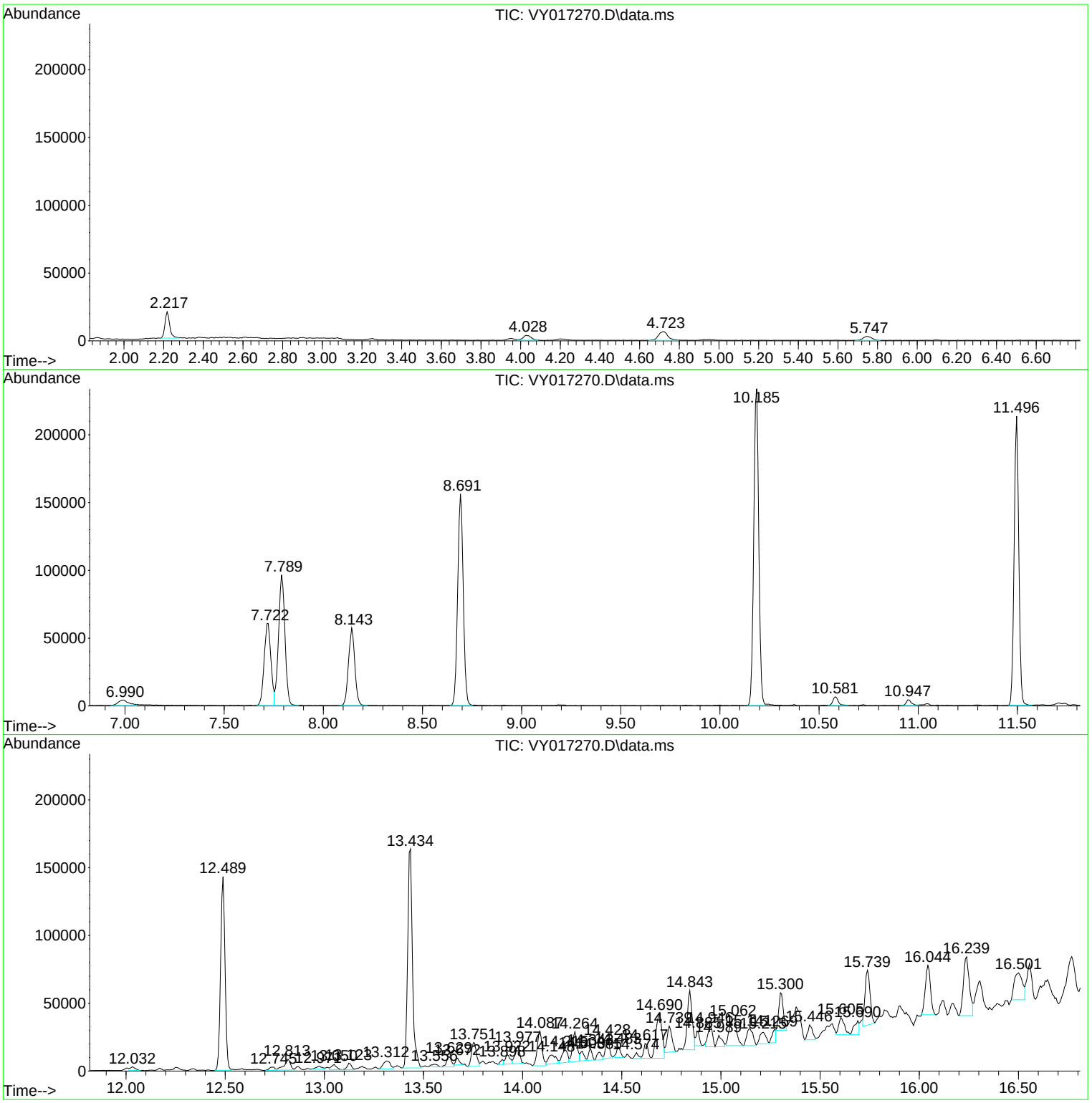
Instrument :
MSVOA_Y
ClientSampleId :
CHRT24449

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
Data File : VY017270.D
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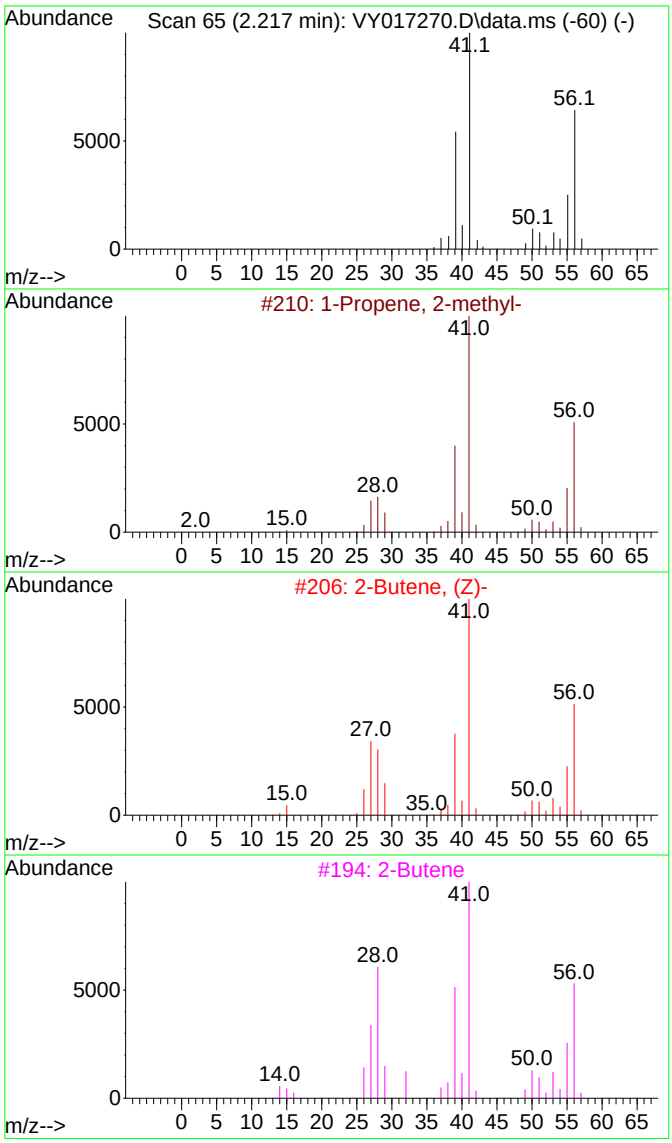
Quant Title : SW846 8260

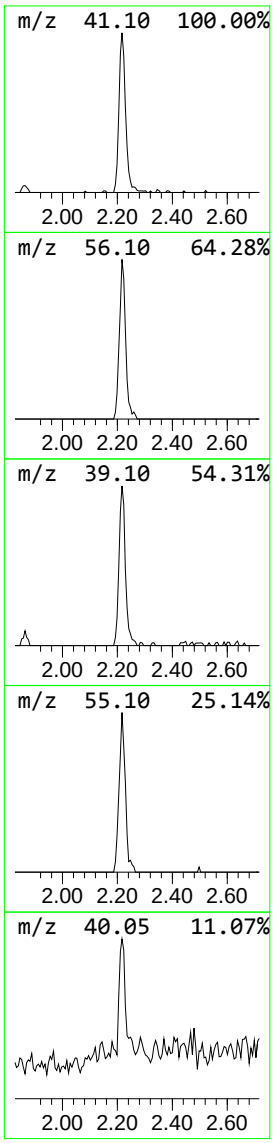
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Propene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.217	7.47 ug/l	31944	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	90
2	2-Butene, (Z)-	56	C4H8	000590-18-1	80
3	2-Butene	56	C4H8	000107-01-7	80
4	Cyclobutane	56	C4H8	000287-23-0	58
5	1-Butene	56	C4H8	000106-98-9	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
Data File : VY017270.D
Acq On : 06 Feb 2024 17:23
Operator : SY/MD
Sample : P1358-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT24449

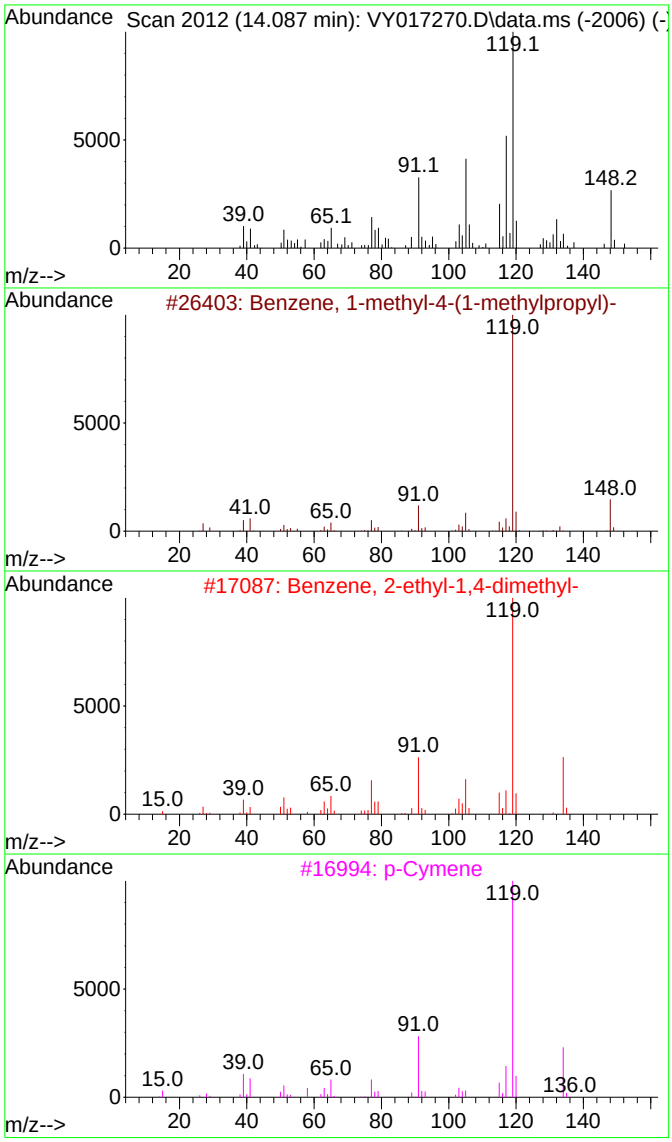
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

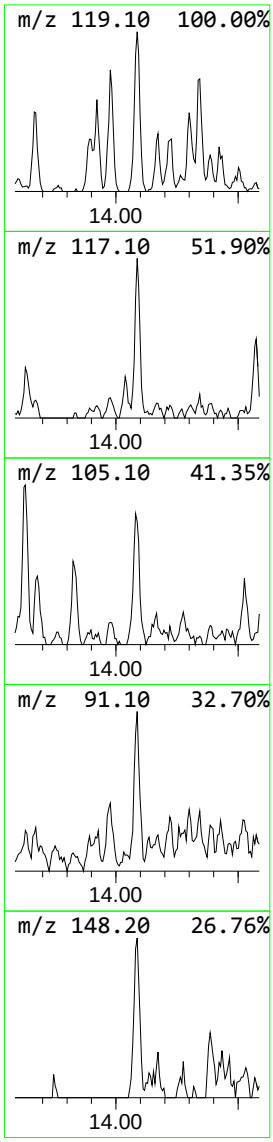
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-methyl-4-(1-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.087	7.99 ug/l	43423	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	58
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	53
3	p-Cymene	134	C10H14	000099-87-6	46
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	46
5	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
Data File : VY017270.D
Acq On : 06 Feb 2024 17:23
Operator : SY/MD
Sample : P1358-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT24449

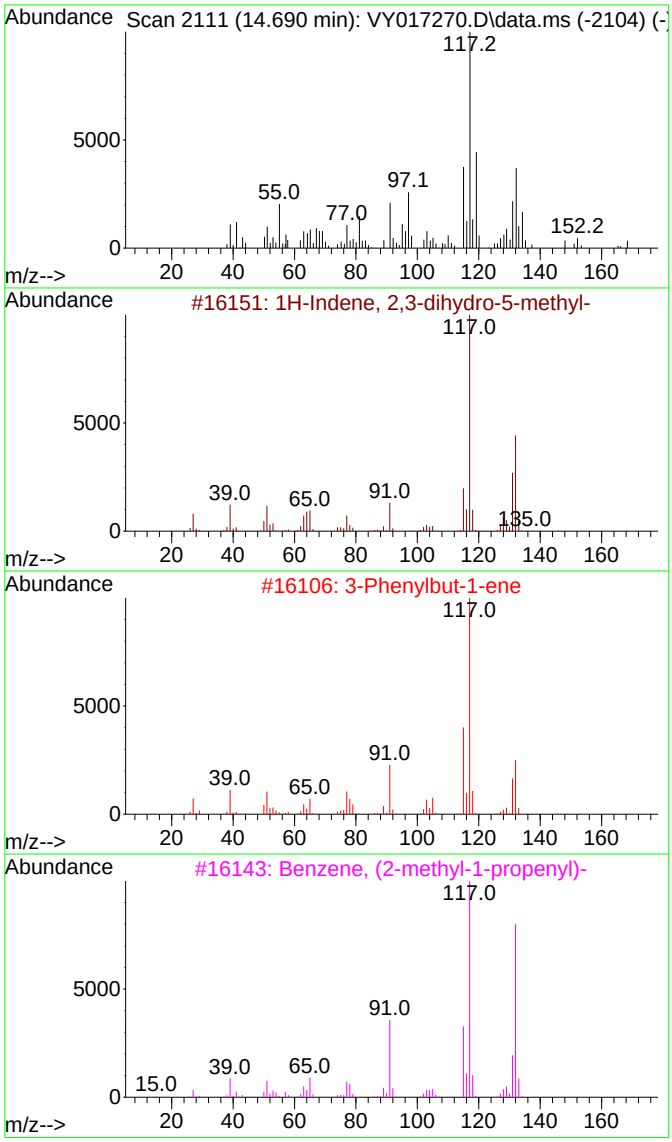
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

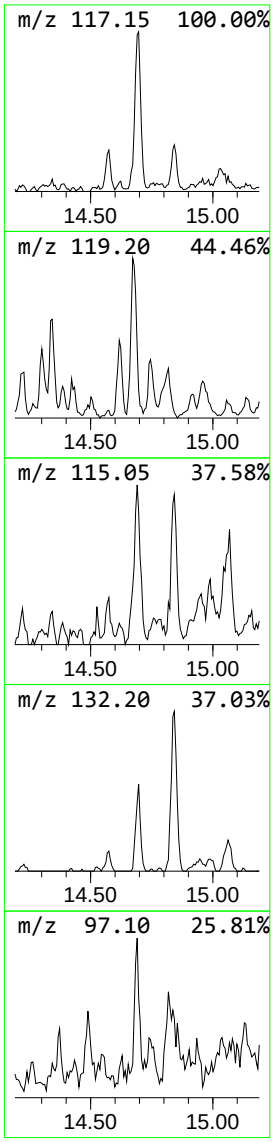
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.690	13.03 ug/l	70830	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	58
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	58
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
Data File : VY017270.D
Acq On : 06 Feb 2024 17:23
Operator : SY/MD
Sample : P1358-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT24449

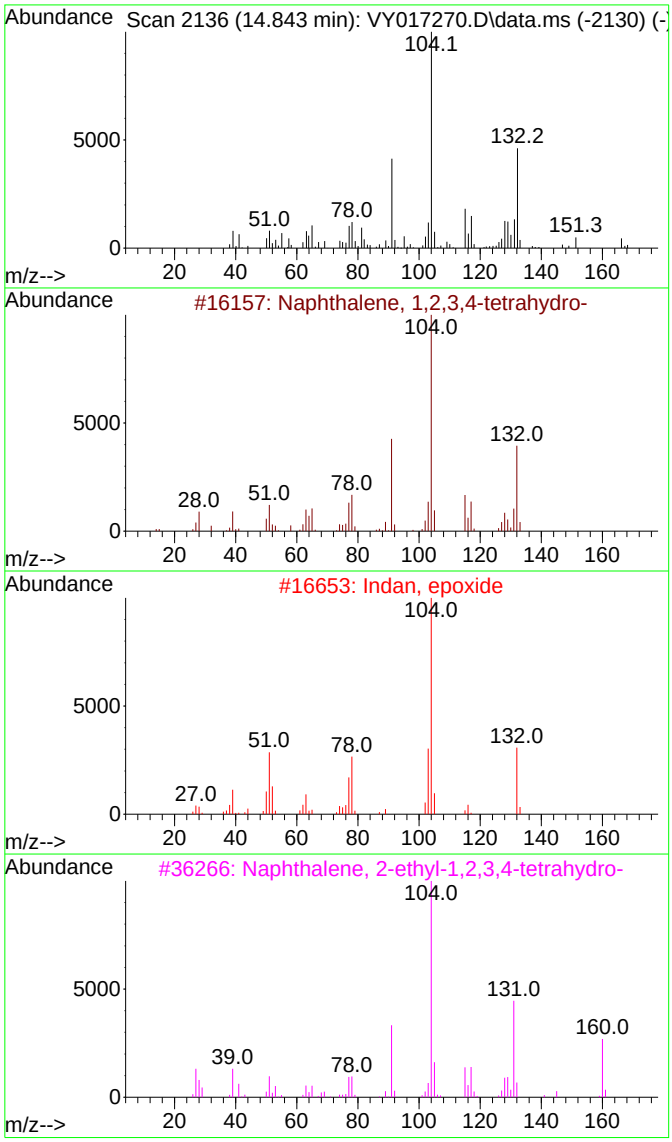
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

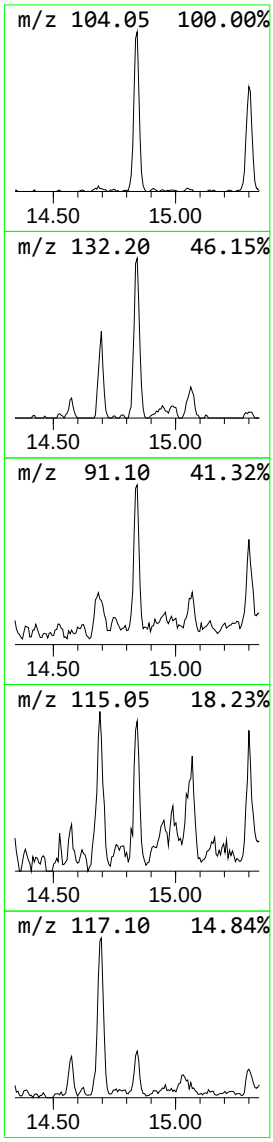
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.843	13.75 ug/l	74749	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2	Indan, epoxide	132	C9H8O	000768-22-9	58
3	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	50
4	p-Toluic acid, 2-phenylethyl ester	240	C16H16O2	203587-50-2	35
5	2-Propenoic acid, 2-phenylethyl ...	176	C11H12O2	003530-36-7	35





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Sample : P1358-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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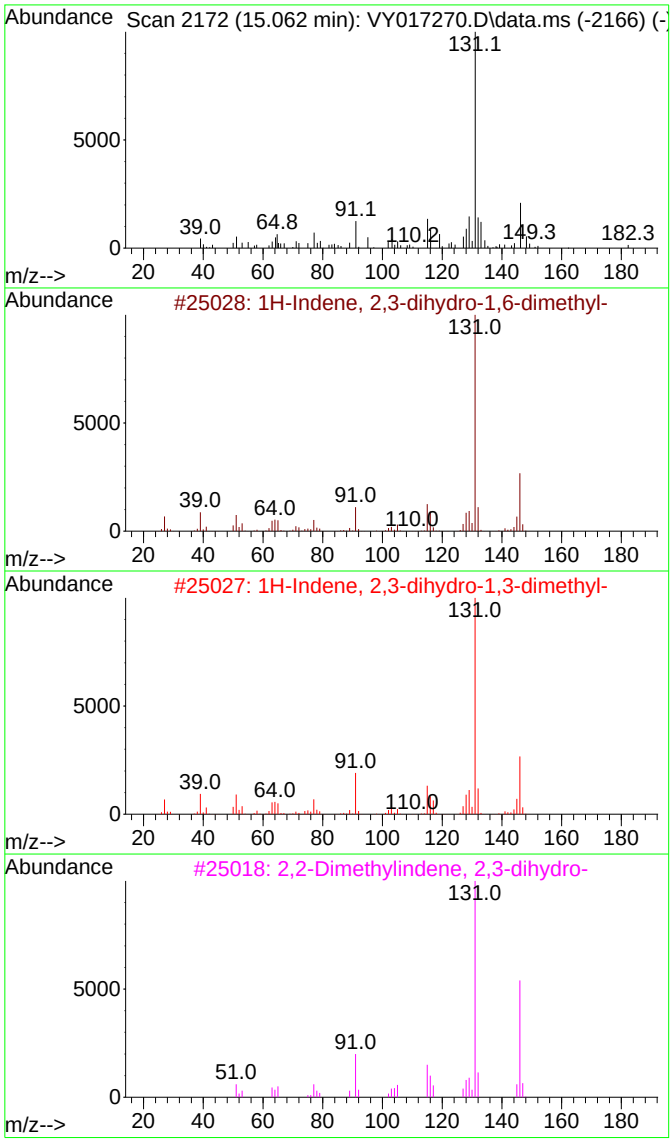
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

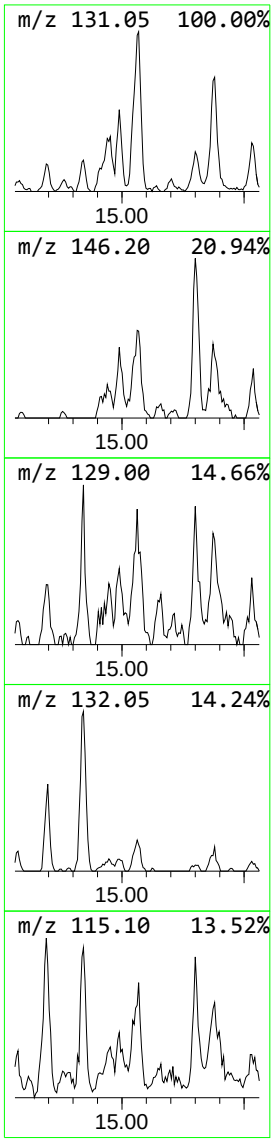
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.062	9.24 ug/l	50240	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	81
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	81





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MSVOA_Y
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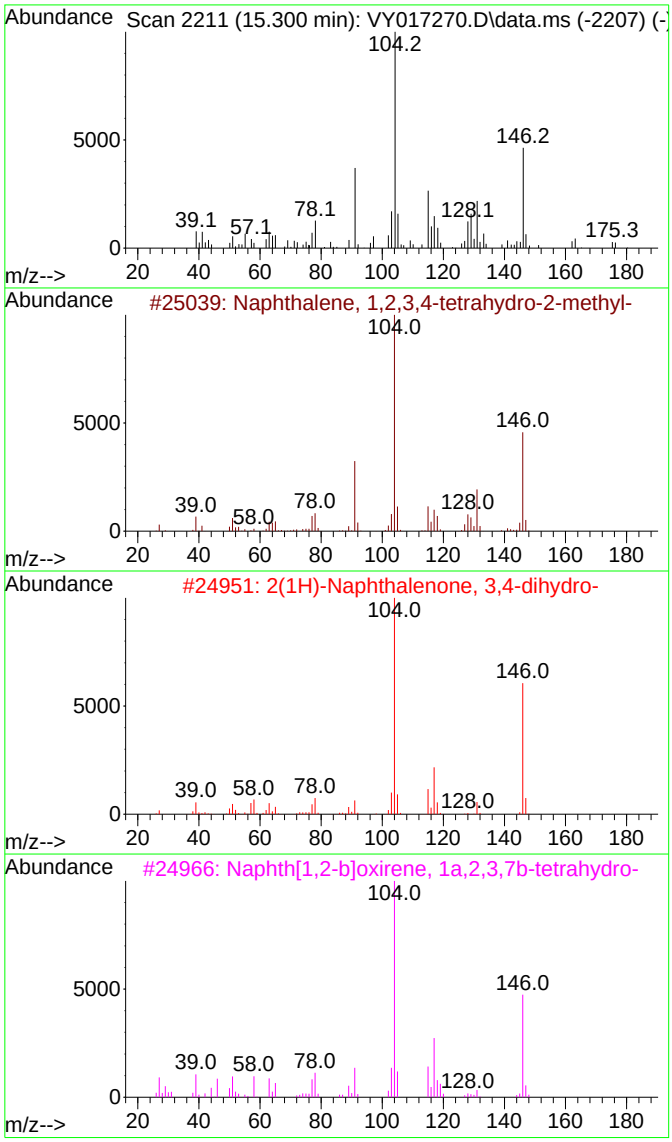
Quant Title : SW846 8260

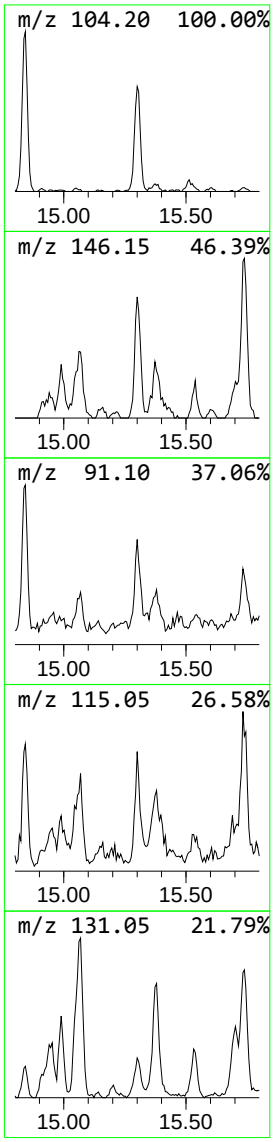
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.300	8.12 ug/l	44159	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	58
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	58
4	Isoxazole, 3-ethyl-4,5-dihydro-5...	175	C11H13NO	1000362-14-9	38
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	38





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Operator : SY/MD
Sample : P1358-03
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT24449

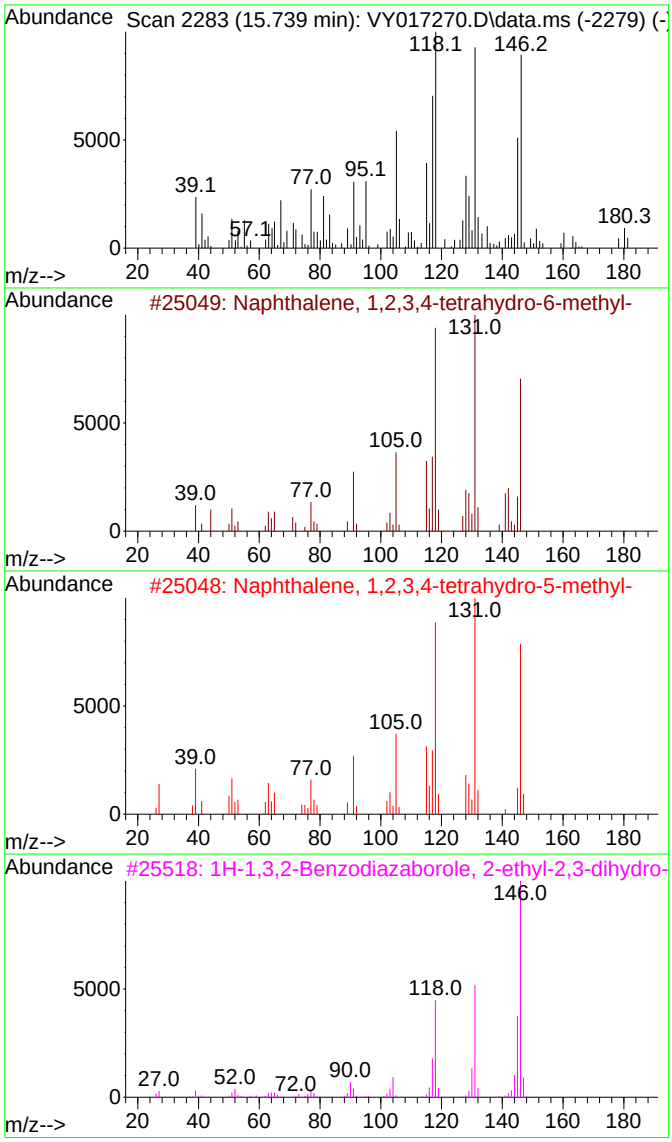
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

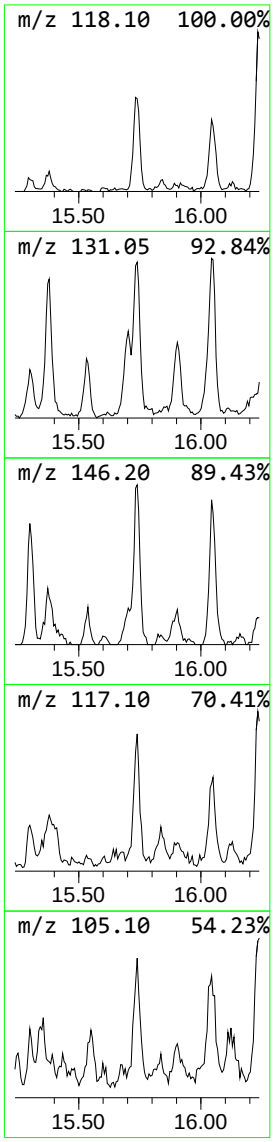
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.739	13.24 ug/l	71955	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	70
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	64
5	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
Data File : VY017270.D
Acq On : 06 Feb 2024 17:23
Operator : SY/MD
Sample : P1358-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT24449

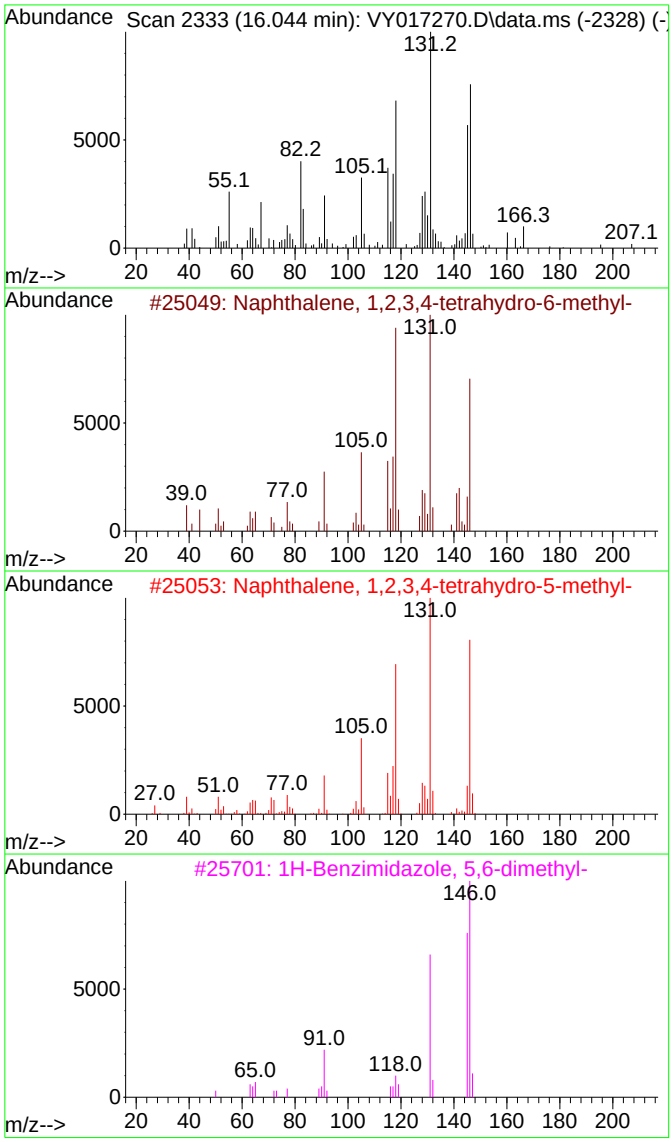
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

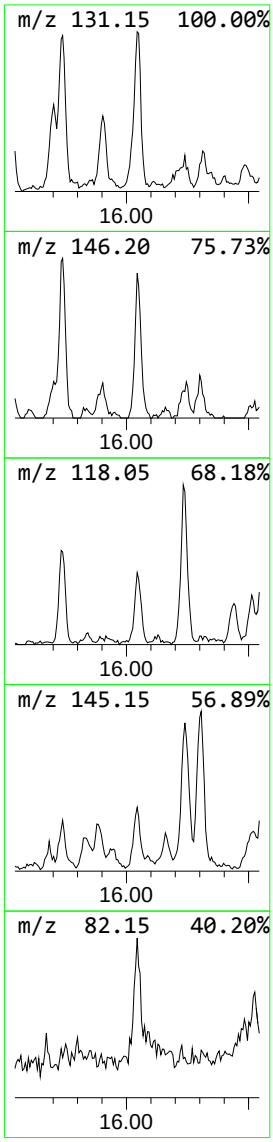
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.044	12.03 ug/l	65386	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	70
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	64
3	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	60
4	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	60
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
Data File : VY017270.D
Acq On : 06 Feb 2024 17:23
Operator : SY/MD
Sample : P1358-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT24449

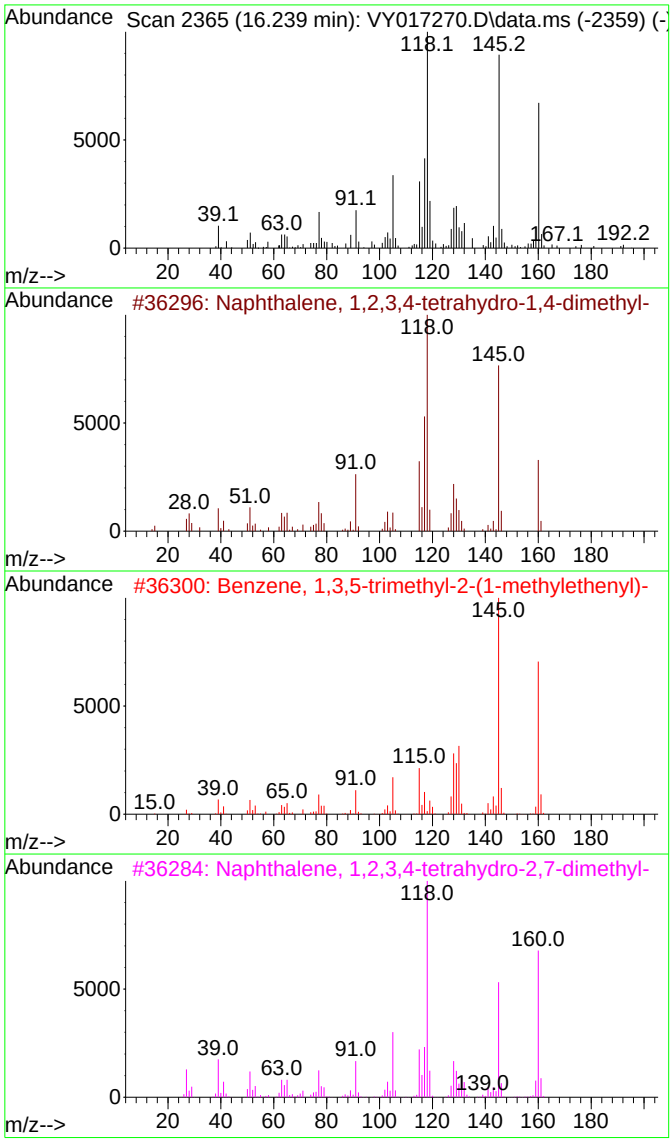
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

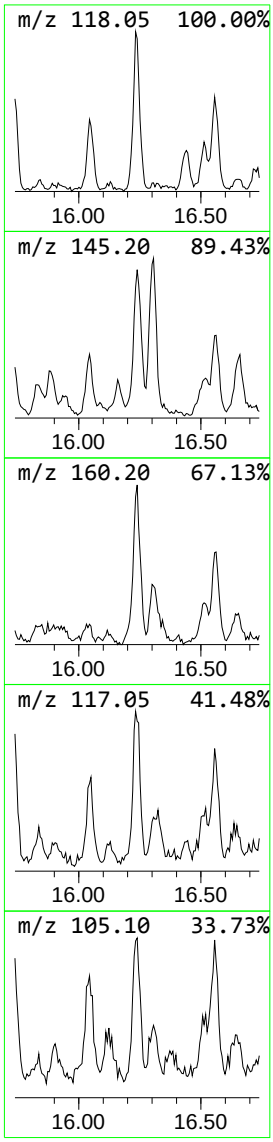
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.239	16.80 ug/l	91300	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	76
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	58
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	52
5	Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
Data File : VY017270.D
Acq On : 06 Feb 2024 17:23
Operator : SY/MD
Sample : P1358-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT24449

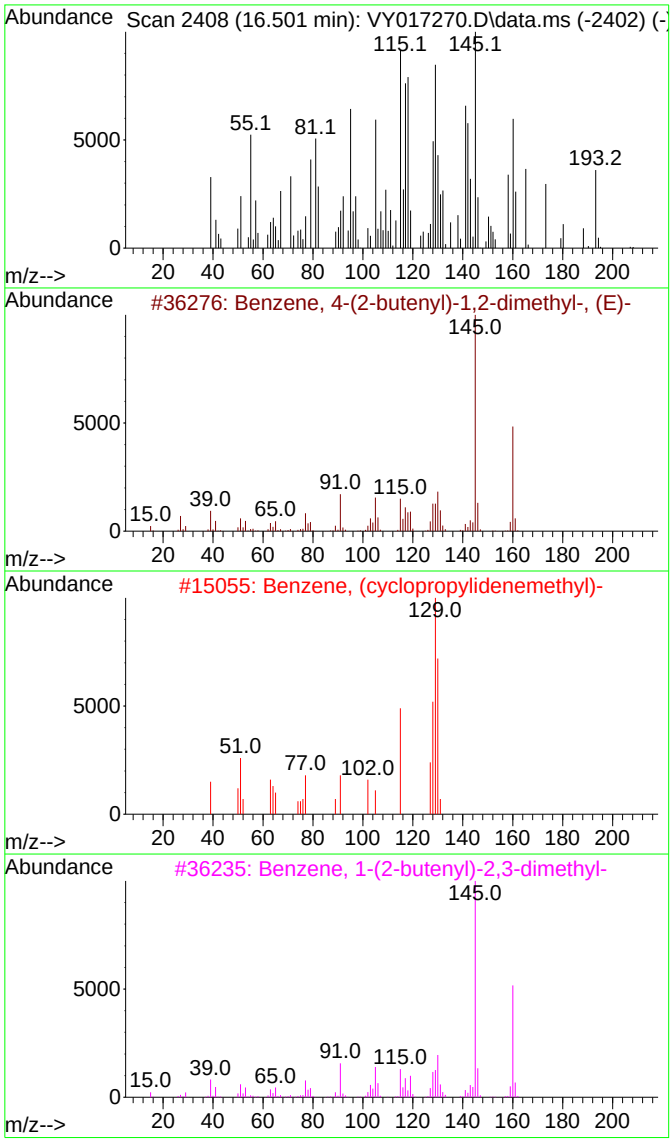
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

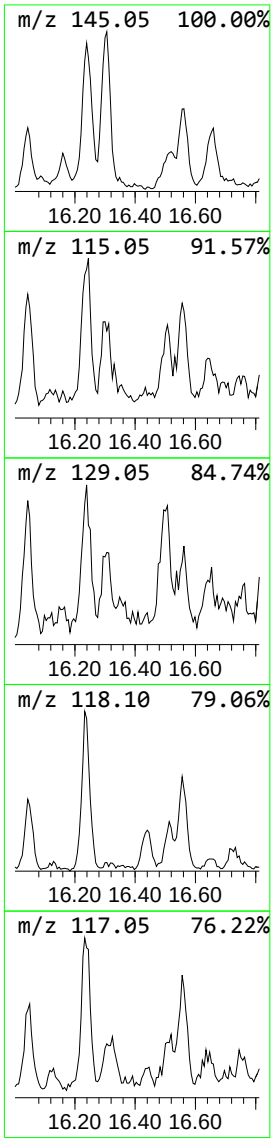
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 unknown16.501 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.501	10.68 ug/l	58060	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	30
2	Benzene, (cyclopropylidenemethyl)-	130	C10H10	007555-67-1	25
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	25
4	1(2H)-Naphthalenone, 3,4-dihydro...	188	C13H16O	030316-33-7	20
5	2,7-Methanonaphth[2,3-b]oxirene,...	158	C11H10O	013137-34-3	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
Data File : VY017270.D
Acq On : 06 Feb 2024 17:23
Operator : SY/MD
Sample : P1358-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT24449

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.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
1-Propene, 2-me...	2.217	7.5	ug/l	31944	1	7.789	213783	50.0
Benzene, 1-meth...	14.087	8.0	ug/l	43423	4	13.434	271770	50.0
1H-Indene, 2,3-...	14.690	13.0	ug/l	70830	4	13.434	271770	50.0
Naphthalene, 1,...	14.843	13.8	ug/l	74749	4	13.434	271770	50.0
1H-Indene, 2,3-...	15.062	9.2	ug/l	50240	4	13.434	271770	50.0
Naphthalene, 1,...	15.300	8.1	ug/l	44159	4	13.434	271770	50.0
Naphthalene, 1,...	15.739	13.2	ug/l	71955	4	13.434	271770	50.0
Naphthalene, 1,...	16.044	12.0	ug/l	65386	4	13.434	271770	50.0
Naphthalene, 1,...	16.239	16.8	ug/l	91300	4	13.434	271770	50.0
unknown16.501	16.501	10.7	ug/l	58060	4	13.434	271770	50.0