LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
Data File : VY018958.D
Acq On : 09 Aug 2024 11:30
Operator : SY/MD
Sample : P3507-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-080724

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\82Y080824S.M
Title : SW846 8260

Signal : TIC: VY018958.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.074	51	58	60	rBV2	2757	4901	1.06%	0.158%
2	2.458	116	121	126	rBV3	3821	8813	1.90%	0.284%
3	3.019	212	213	221	rVB4	3985	6288	1.36%	0.203%
4	4.604	463	473	482	rVB4	2744	7782	1.68%	0.251%
5	6.884	838	847	854	rBV3	1760	4987	1.07%	0.161%
6	7.622	958	968	974	rBV2	69503	166366	35.86%	5.366%
7	7.695	974	980	991	rVB	110120	246598	53.15%	7.954%
8	8.055	1030	1039	1049	rBV	67308	146513	31.58%	4.726%
9	8.610	1121	1130	1141	rBV	165835	333687	71.92%	10.763%
10	10.103	1367	1375	1385	rBV	288702	463943	100.00%	14.964%
11	11.414	1583	1590	1600	rBV	248104	394567	85.05%	12.727%
12	12.408	1747	1753	1765	rVB	173626	269763	58.15%	8.701%
13	13.347	1900	1907	1917	rVB	197631	297778	64.18%	9.605%
14	13.676	1955	1961	1965	rBV5	7386	11677	2.52%	0.377%
15	13.895	1993	1997	2001	rVB3	5786	7783	1.68%	0.251%
16	13.999	2010	2014	2019	rVB6	6071	9672	2.08%	0.312%
17	14.176	2038	2043	2047	rBV7	4233	7020	1.51%	0.226%
18	14.255	2052	2056	2060	rVV2	8369	12729	2.74%	0.411%
19	14.304	2060	2064	2067	rVV4	6479	8376	1.81%	0.270%
20	14.340	2067	2070	2076	rVB4	5438	7253	1.56%	0.234%
21	14.444	2082	2087	2090	rVB4	5128	7026	1.51%	0.227%
22	14.487	2090	2094	2097	rBV4	7067	12922	2.79%	0.417%
23	14.535	2099	2102	2106	rVB3	16907	20899	4.50%	0.674%
24	14.602	2106	2113	2118	rBV5	24872	56723	12.23%	1.830%
25	14.651	2118	2121	2128	rVB6	10332	19199	4.14%	0.619%
26	14.755	2131	2138	2145	rBV2	16730	28727	6.19%	0.927%
27	14.859	2147	2155	2159	rBV4	13964	30404	6.55%	0.981%
28	14.895	2159	2161	2165	rVB4	6646	7991	1.72%	0.258%
29	14.974	2168	2174	2179	rVB2	13907	31190	6.72%	1.006%
30	15.054	2183	2187	2192	rVB8	5391	10381	2.24%	0.335%
31	15.133	2193	2200	2203	rBV8	8269	19205	4.14%	0.619%
32	15.206	2208	2212	2216	rBV2	15428	23689	5.11%	0.764%
33	15.261	2216	2221	2226	rBV6	11843	28557	6.16%	0.921%
34	15.346	2231	2235	2243	rVB7	15703	29874	6.44%	0.964%
35	15.432	2243	2249	2257	rBV5	14853	34225	7.38%	1.104%
36	15.517	2257	2263	2266	rBV7	3765	8026	1.73%	0.259%

LSC Area Percent Report

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Operator : SY/MD
Sample : P3507-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-080724

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\82Y080824S.M
Title : SW846 8260

37	15.596	2268	2276	2277	rVV5	10833	20958	4.52%	0.676%
38	15.627	2277	2281	2290	rVB3	36739	71105	15.33%	2.293%
39	15.718	2290	2296	2300	rBV8	6042	10592	2.28%	0.342%
40	15.791	2302	2308	2322	rVB5	11944	35864	7.73%	1.157%
41	15.932	2322	2331	2337	rBV4	23074	49053	10.57%	1.582%
42	16.120	2354	2362	2368	rBV5	18065	38807	8.36%	1.252%
43	16.181	2368	2372	2378	rVV6	11974	21420	4.62%	0.691%
44	16.377	2395	2404	2411	rBV3	20167	47040	10.14%	1.517%
45	16.425	2411	2412	2419	rVV5	4538	6534	1.41%	0.211%
46	16.517	2421	2427	2435	rVB9	5499	13424	2.89%	0.433%

Sum of corrected areas: 3100331

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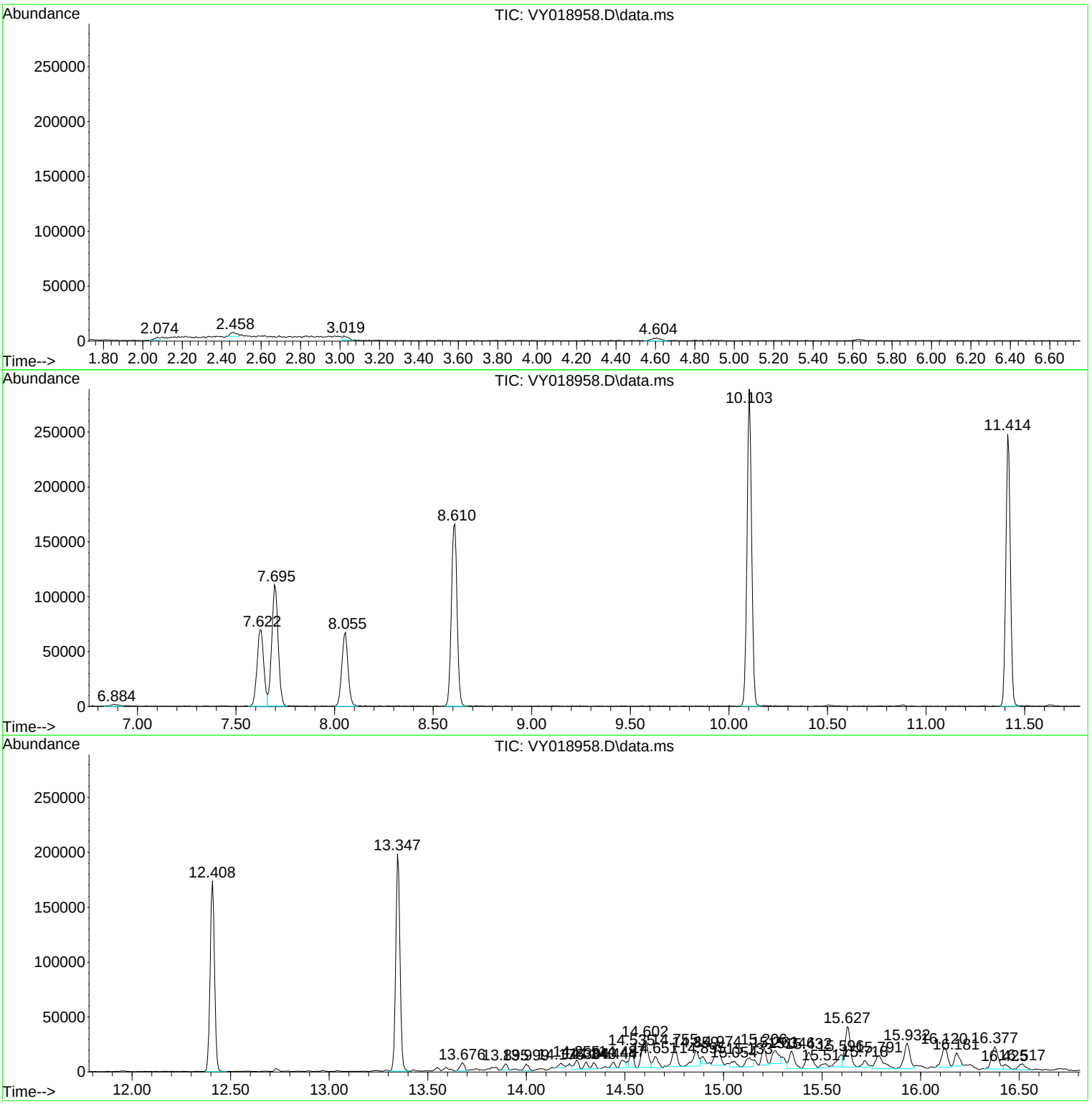
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-080724

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
Data File : VY018958.D
Acq On : 09 Aug 2024 11:30
Operator : SY/MD
Sample : P3507-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-080724

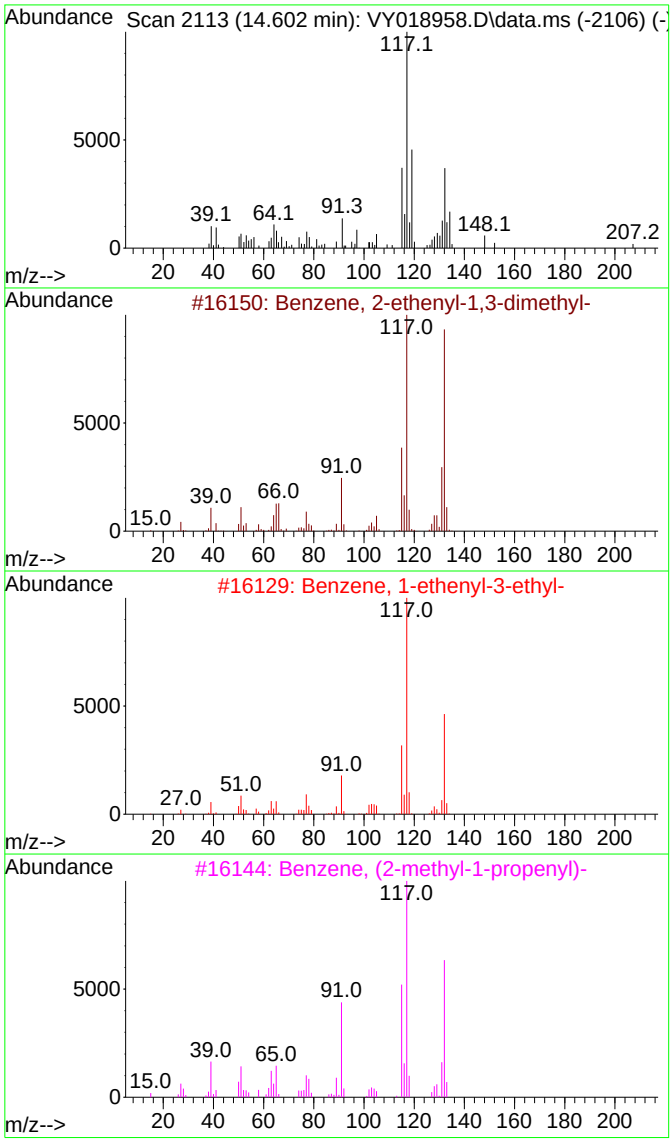
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
Quant Title : SW846 8260

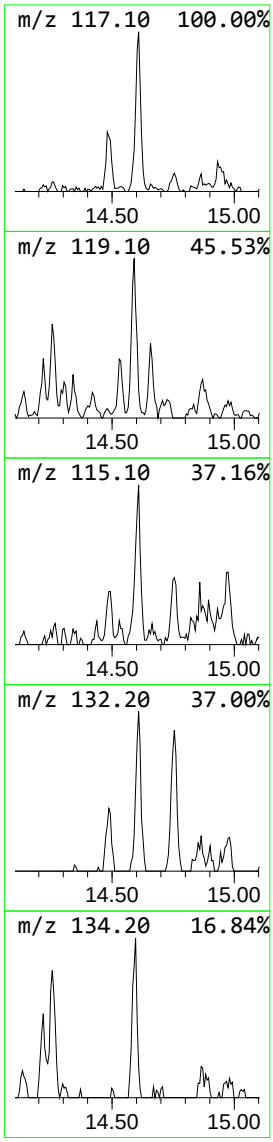
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 2-ethenyl-1,3-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.602	9.52 ug/l	56723	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	68
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	62
4	2,4-Dimethylstyrene	132	C10H12	002234-20-0	62
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
Data File : VY018958.D
Acq On : 09 Aug 2024 11:30
Operator : SY/MD
Sample : P3507-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-080724

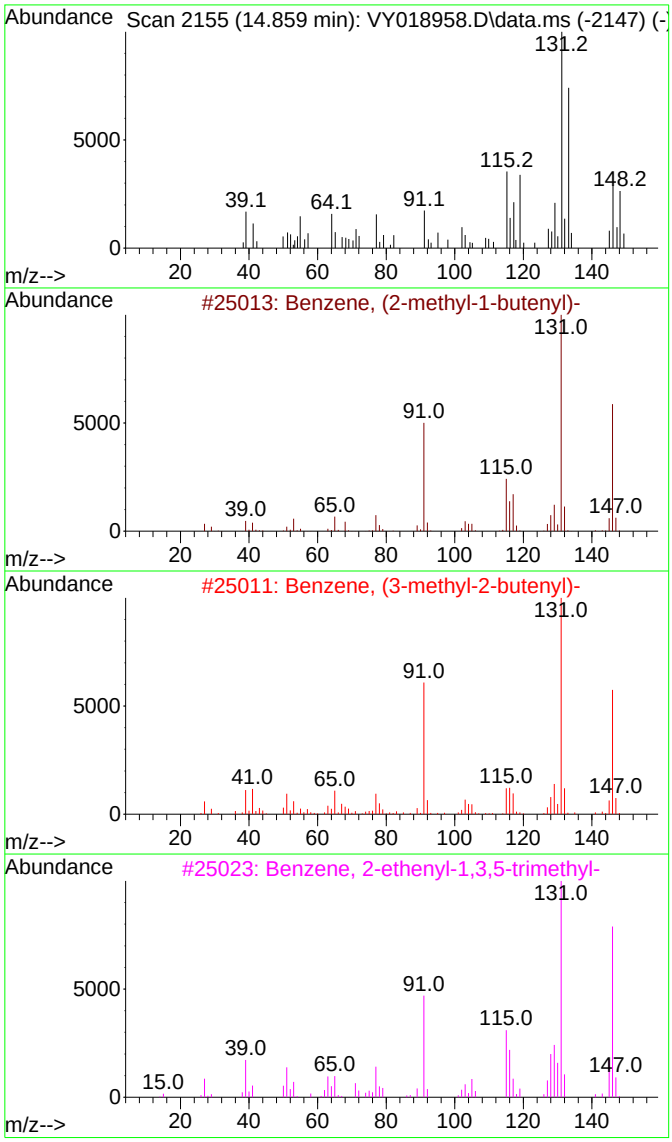
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
Quant Title : SW846 8260

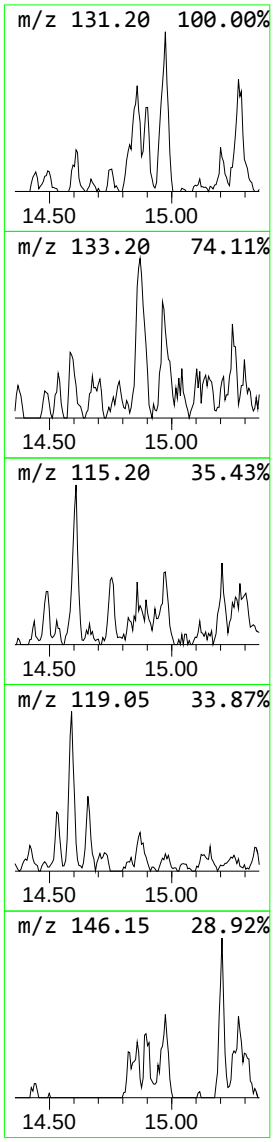
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, (2-methyl-1-butenyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.858	5.11 ug/l	30404	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	50
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	45
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	43
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	41
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	41





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
Data File : VY018958.D
Acq On : 09 Aug 2024 11:30
Operator : SY/MD
Sample : P3507-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-080724

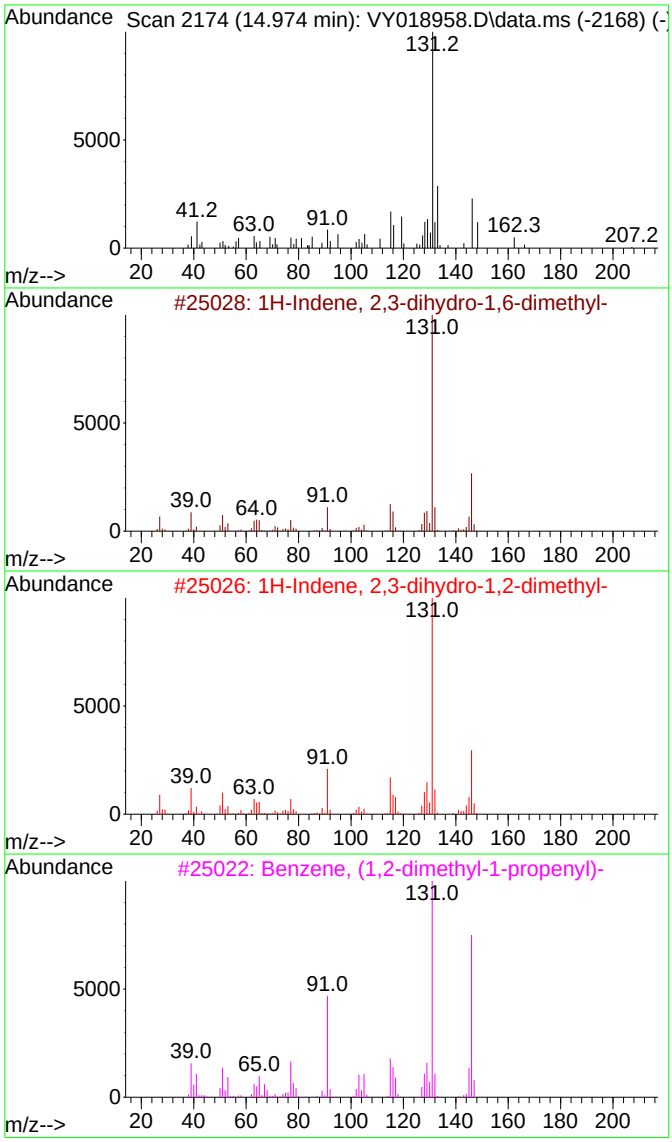
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
Quant Title : SW846 8260

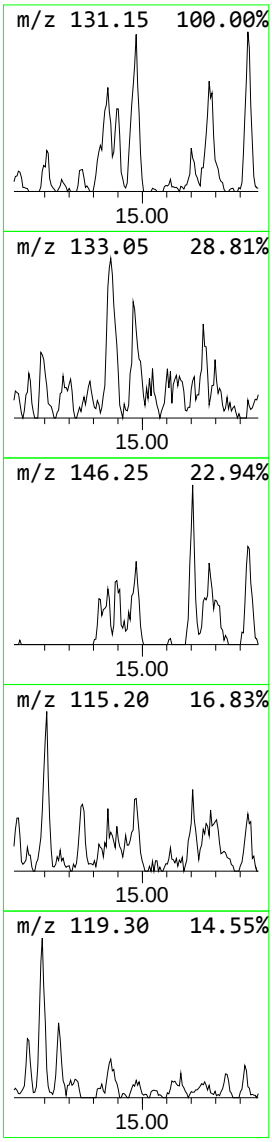
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.974	5.24 ug/l	31190	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	76
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	76
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	76
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
Data File : VY018958.D
Acq On : 09 Aug 2024 11:30
Operator : SY/MD
Sample : P3507-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-080724

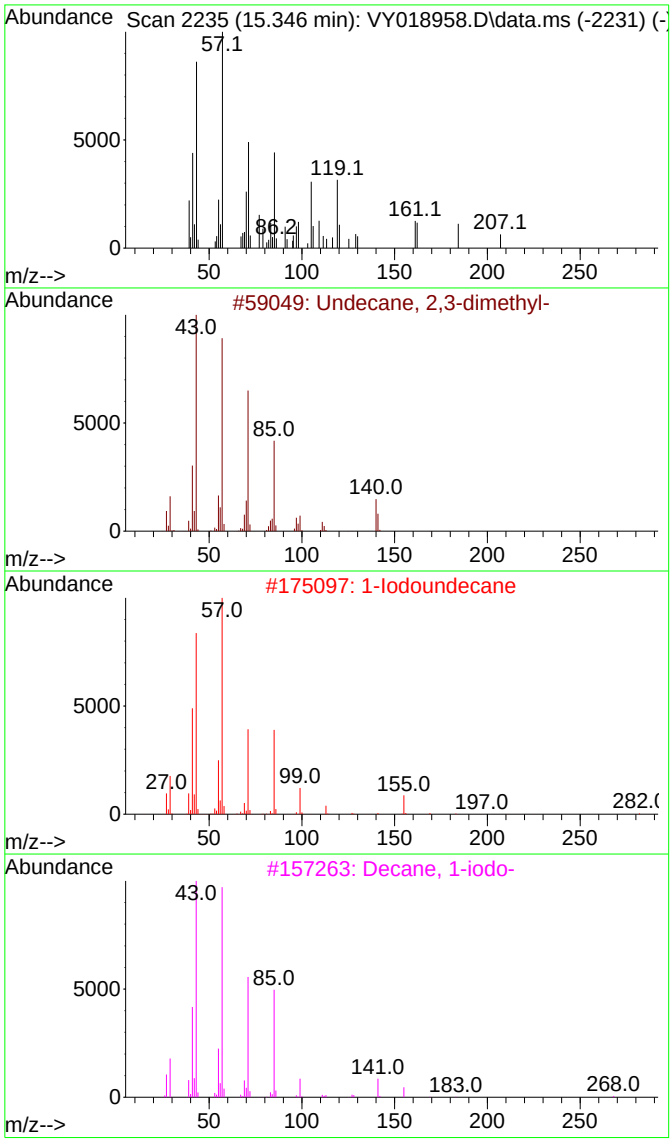
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
Quant Title : SW846 8260

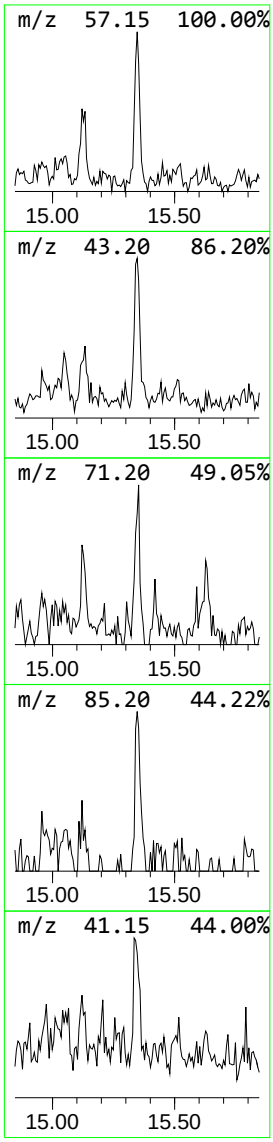
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 unknown15.346 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.346	5.02 ug/l	29874	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	35
2	1-Iodoundecane	282	C11H23I	004282-44-4	35
3	Decane, 1-iodo-	268	C10H21I	002050-77-3	35
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	35
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	35





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Data File : VY018958.D
Acq On : 09 Aug 2024 11:30
Operator : SY/MD
Sample : P3507-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-080724

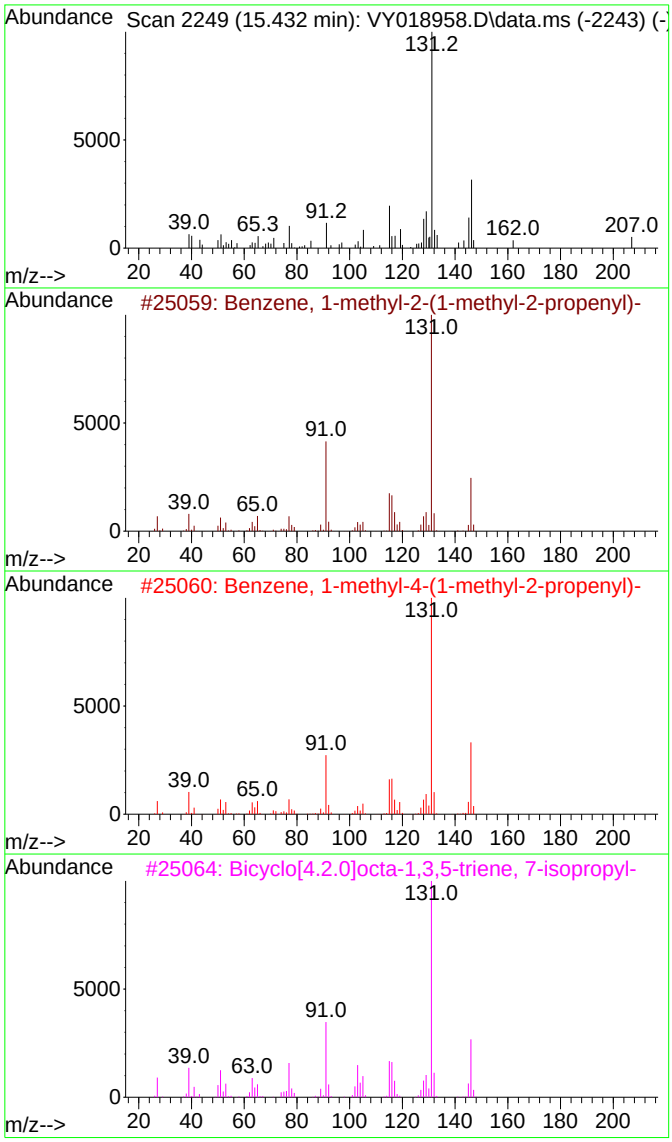
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
Quant Title : SW846 8260

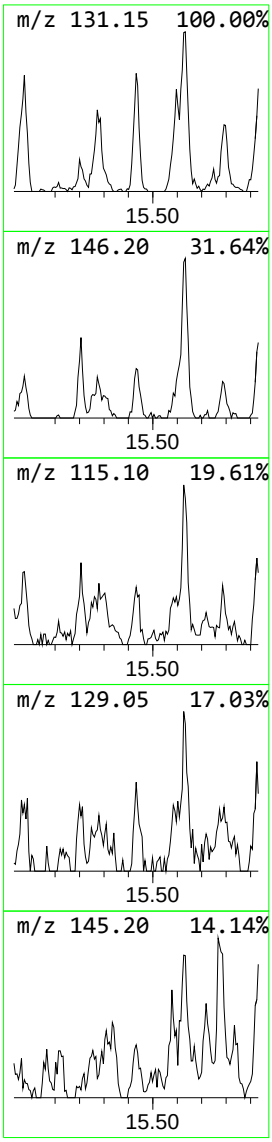
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-methyl-2-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.432	5.75 ug/l	34225	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	80
2	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	74
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	64
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64





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Instrument :
MSVOA_Y
ClientSampleId :
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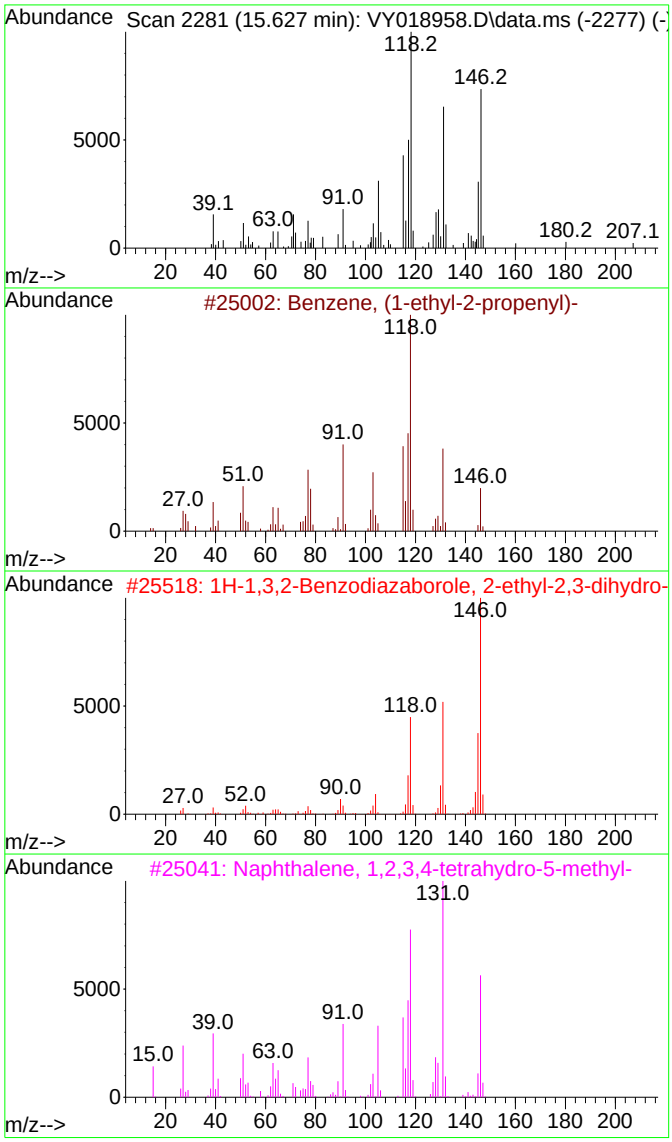
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
Quant Title : SW846 8260

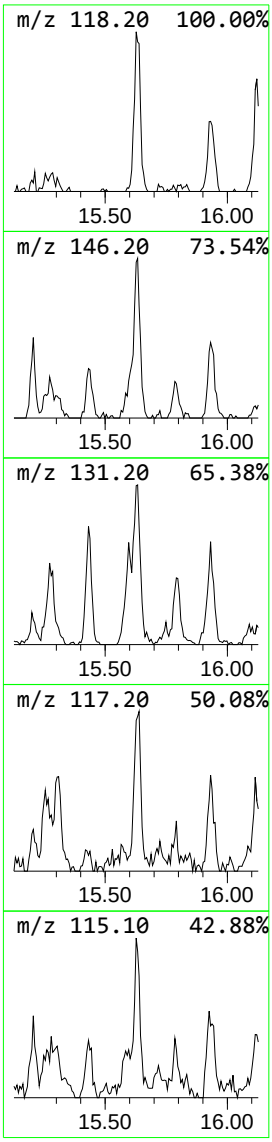
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, (1-ethyl-2-propenyl)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.627	11.94 ug/l	71105	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	91
2	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	89
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	81
5	Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	64





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-080724

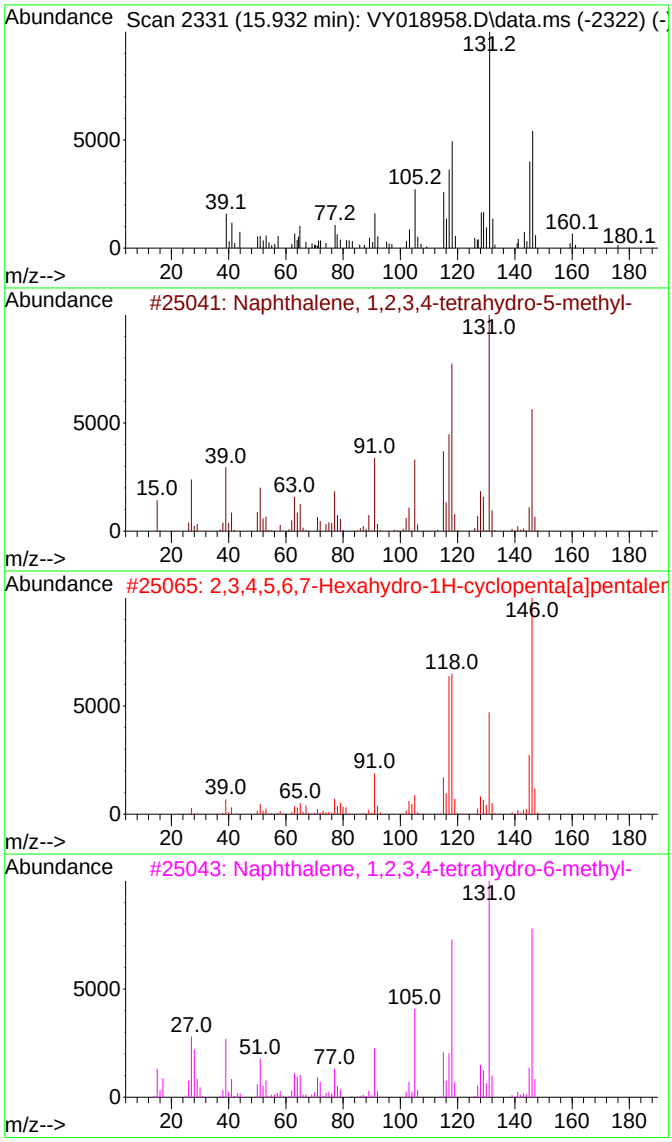
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
Quant Title : SW846 8260

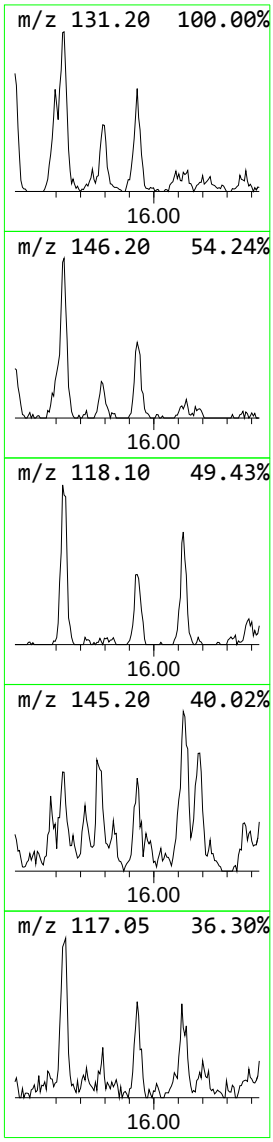
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.932	8.24 ug/l	49053	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	87
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	81
4	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	76
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
Data File : VY018958.D
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Operator : SY/MD
Sample : P3507-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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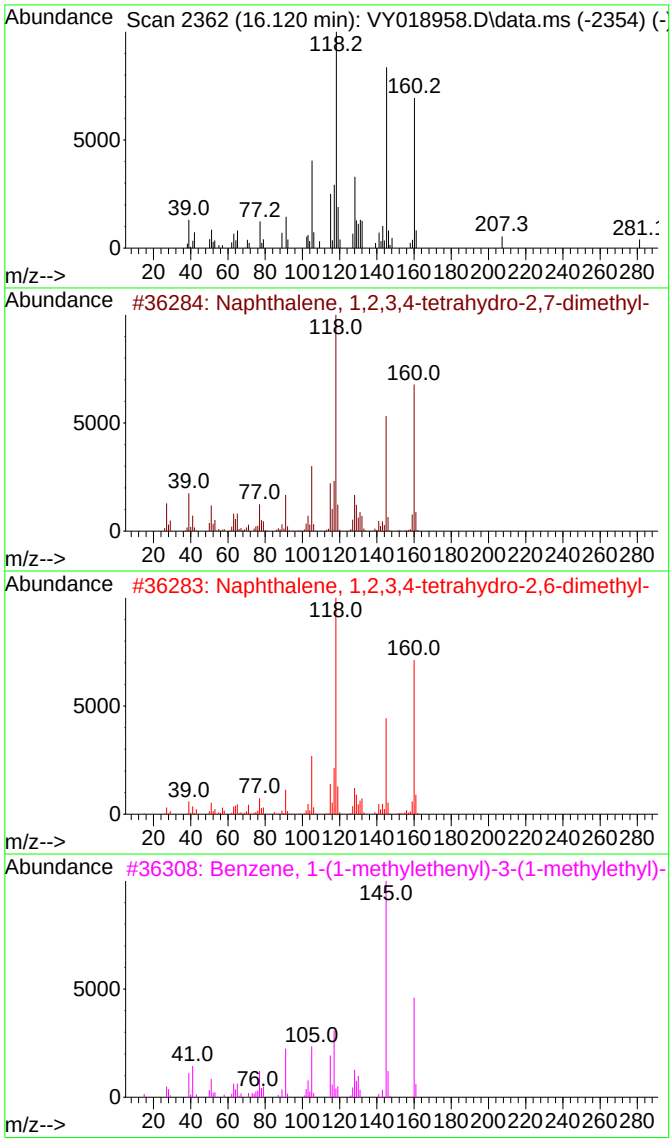
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
Quant Title : SW846 8260

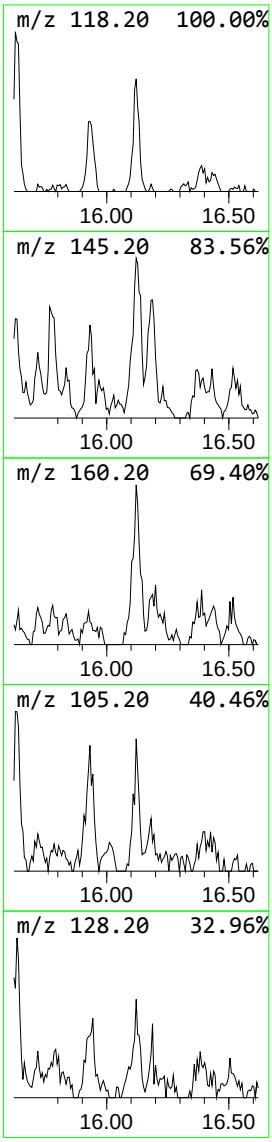
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.121	6.52 ug/l	38807	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	87
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	76
3	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	55
4	4-(4-Methylphenyl)-1,6-heptadien...	201	C14H19N	1000486-01-5	52
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
Data File : VY018958.D
Acq On : 09 Aug 2024 11:30
Operator : SY/MD
Sample : P3507-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-080724

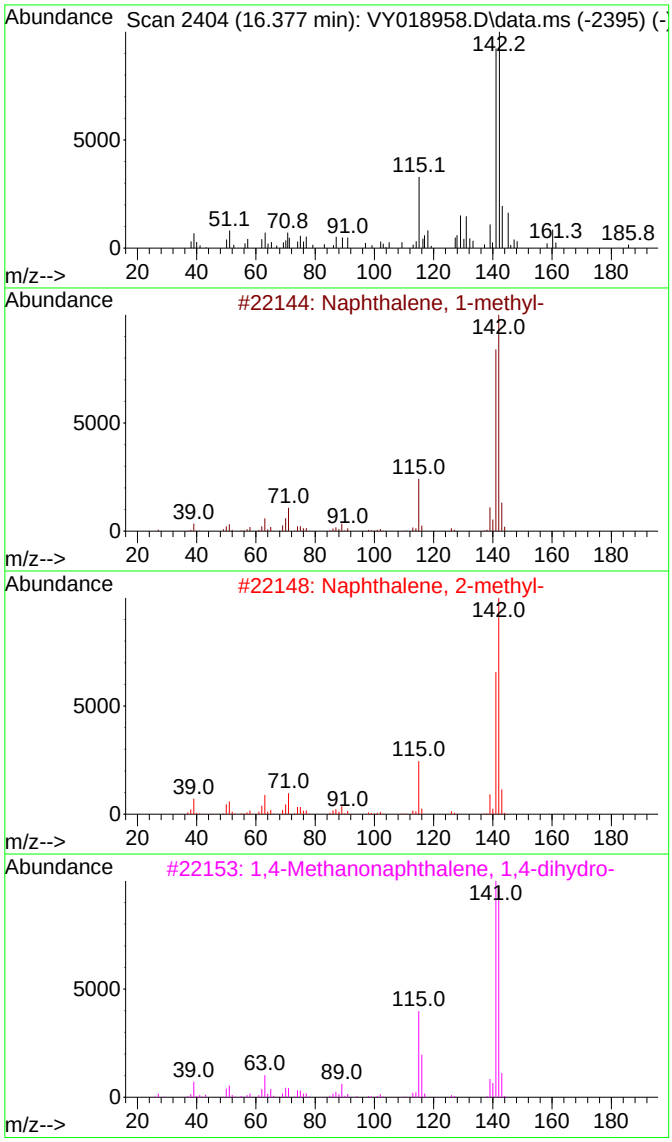
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
Quant Title : SW846 8260

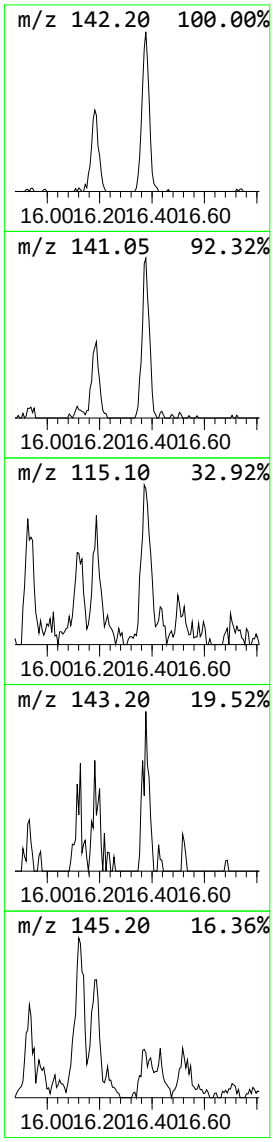
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.377	7.90 ug/l	47040	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	81
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	81
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	76
4	Benzocycloheptatriene	142	C11H10	000264-09-5	64
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
Data File : VY018958.D
Acq On : 09 Aug 2024 11:30
Operator : SY/MD
Sample : P3507-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-080724

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.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, 2-ethe...	14.602	9.5	ug/l	56723	4	13.347	297778	50.0
Benzene, (2-met...	14.858	5.1	ug/l	30404	4	13.347	297778	50.0
1H-Indene, 2,3-...	14.974	5.2	ug/l	31190	4	13.347	297778	50.0
unknown15.346	15.346	5.0	ug/l	29874	4	13.347	297778	50.0
Benzene, 1-meth...	15.432	5.8	ug/l	34225	4	13.347	297778	50.0
Benzene, (1-eth...	15.627	11.9	ug/l	71105	4	13.347	297778	50.0
Naphthalene, 1,...	15.932	8.2	ug/l	49053	4	13.347	297778	50.0
Naphthalene, 1,...	16.121	6.5	ug/l	38807	4	13.347	297778	50.0
Naphthalene, 1-...	16.377	7.9	ug/l	47040	4	13.347	297778	50.0