LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092324\
Data File : VY019665.D
Acq On : 23 Sep 2024 14:04
Operator : SY/MD
Sample : P4103-13
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14-7.5-10B

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\82Y090924S.M
Title : SW846 8260

Signal : TIC: VY019665.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.640	633	643	650	rBV8	2592	8882	1.08%	0.153%
2	6.878	835	846	860	rBV2	32596	110949	13.50%	1.906%
3	7.628	958	969	975	rBV2	114258	277782	33.80%	4.773%
4	7.707	975	982	992	rVB	202171	470059	57.19%	8.077%
5	8.061	1027	1040	1052	rBV	103114	240471	29.26%	4.132%
6	8.609	1122	1130	1144	rBV	319743	640186	77.89%	11.000%
7	10.109	1368	1376	1386	rBV	469058	821868	100.00%	14.122%
8	10.512	1435	1442	1446	rBV2	5148	8938	1.09%	0.154%
9	10.877	1497	1502	1512	rVB2	8459	16666	2.03%	0.286%
10	11.414	1583	1590	1600	rBV	429451	698779	85.02%	12.007%
11	11.621	1617	1624	1630	rBV5	4667	11250	1.37%	0.193%
12	12.408	1745	1753	1763	rVB	300109	488223	59.40%	8.389%
13	12.731	1801	1806	1811	rVB6	7645	13219	1.61%	0.227%
14	13.346	1900	1907	1916	rVB	344062	530358	64.53%	9.113%
15	13.584	1943	1946	1954	rVB6	4238	10393	1.26%	0.179%
16	13.670	1954	1960	1964	rBV6	13565	24446	2.97%	0.420%
17	13.889	1991	1996	2000	rVB2	20921	32399	3.94%	0.557%
18	13.999	2009	2014	2018	rBV4	18645	30961	3.77%	0.532%
19	14.066	2019	2025	2030	rBV7	6066	13289	1.62%	0.228%
20	14.133	2030	2036	2037	rBV6	7047	11344	1.38%	0.195%
21	14.212	2046	2049	2052	rVB2	8864	10672	1.30%	0.183%
22	14.255	2052	2056	2059	rVB	10314	14349	1.75%	0.247%
23	14.297	2059	2063	2066	rBV3	15283	18955	2.31%	0.326%
24	14.340	2066	2070	2073	rVB5	8814	10421	1.27%	0.179%
25	14.432	2081	2085	2090	rVB4	7096	10935	1.33%	0.188%
26	14.486	2090	2094	2098	rBV4	13141	26075	3.17%	0.448%
27	14.529	2098	2101	2106	rVB2	22897	29856	3.63%	0.513%
28	14.596	2106	2112	2118	rBV4	59025	134166	16.32%	2.305%
29	14.651	2118	2121	2127	rVB4	26631	45549	5.54%	0.783%
30	14.749	2133	2137	2141	rVB3	10158	13980	1.70%	0.240%
31	14.858	2146	2155	2158	rBV3	37481	80943	9.85%	1.391%
32	14.889	2158	2160	2167	rVV5	18836	37348	4.54%	0.642%
33	14.968	2167	2173	2178	rVB2	43464	82021	9.98%	1.409%
34	15.120	2191	2198	2206	rBV6	34627	82935	10.09%	1.425%
35	15.200	2206	2211	2215	rBV4	24885	49930	6.08%	0.858%
36	15.249	2216	2219	2224	rVV5	12068	23896	2.91%	0.411%

LSC Area Percent Report

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Data File : VY019665.D
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Operator : SY/MD
Sample : P4103-13
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14-7.5-10B

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

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Title : SW846 8260

37	15.334	2231	2233	2241	rVB8	18576	37187	4.52%	0.639%
38	15.425	2242	2248	2255	rBV5	31707	82184	10.00%	1.412%
39	15.505	2255	2261	2265	rVB8	17813	32041	3.90%	0.551%
40	15.590	2265	2275	2277	rBV7	27918	71505	8.70%	1.229%
41	15.620	2277	2280	2287	rVB3	27306	48478	5.90%	0.833%
42	15.712	2291	2295	2301	rVB7	13760	23900	2.91%	0.411%
43	15.785	2301	2307	2311	rBV4	19614	43273	5.27%	0.744%
44	15.925	2323	2330	2334	rBV4	43621	87457	10.64%	1.503%
45	16.047	2345	2350	2354	rBV5	23644	41977	5.11%	0.721%
46	16.114	2356	2361	2367	rVV4	30490	63676	7.75%	1.094%
47	16.175	2367	2371	2375	rVV2	19176	32063	3.90%	0.551%
48	16.364	2395	2402	2409	rBV5	45398	123623	15.04%	2.124%

Sum of corrected areas: 5819857

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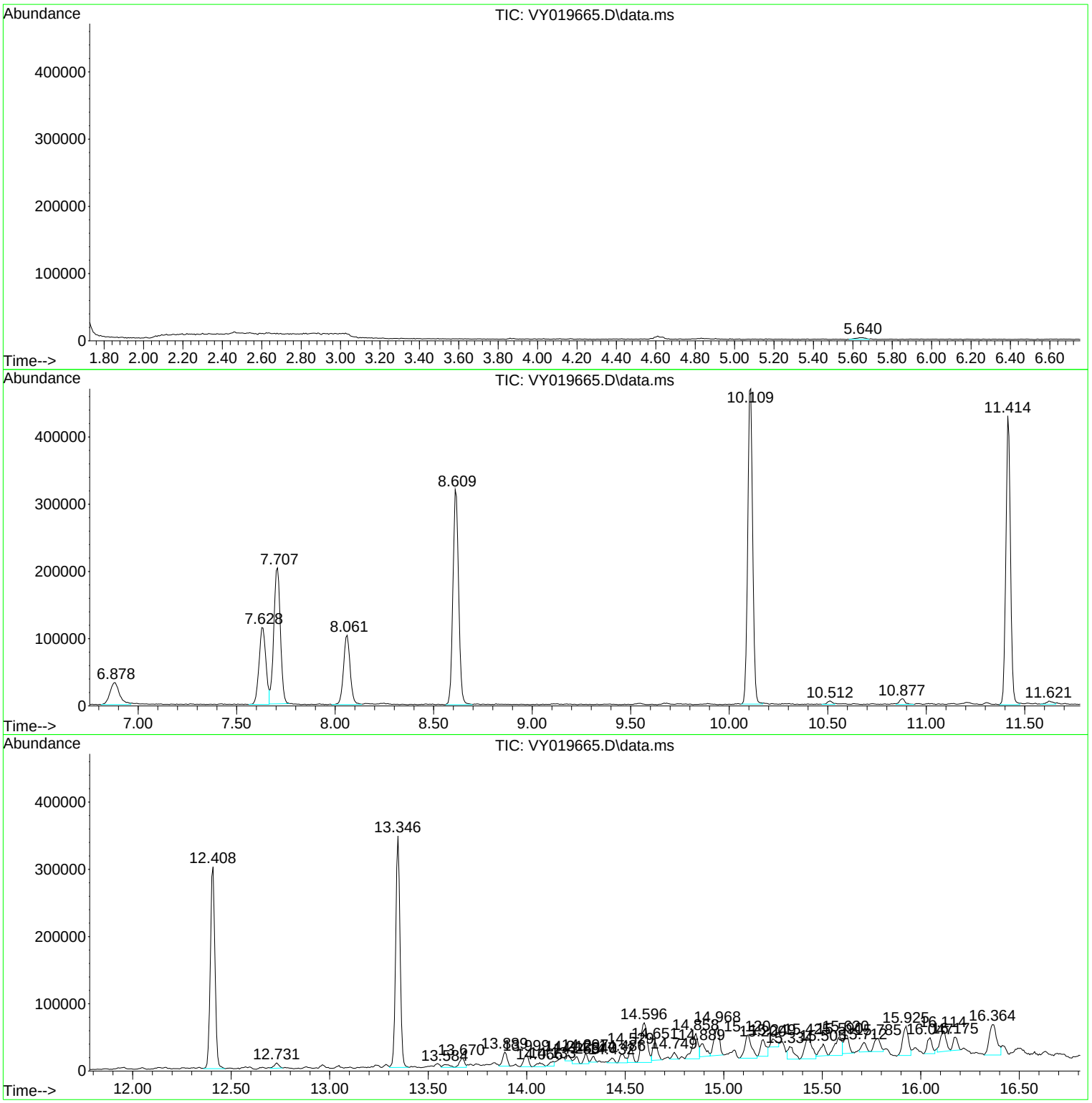
MSVOA_Y
ClientSampleId :
WC-14-7.5-10B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092324\
Data File : VY019665.D
Acq On : 23 Sep 2024 14:04
Operator : SY/MD
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Instrument :
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WC-14-7.5-10B

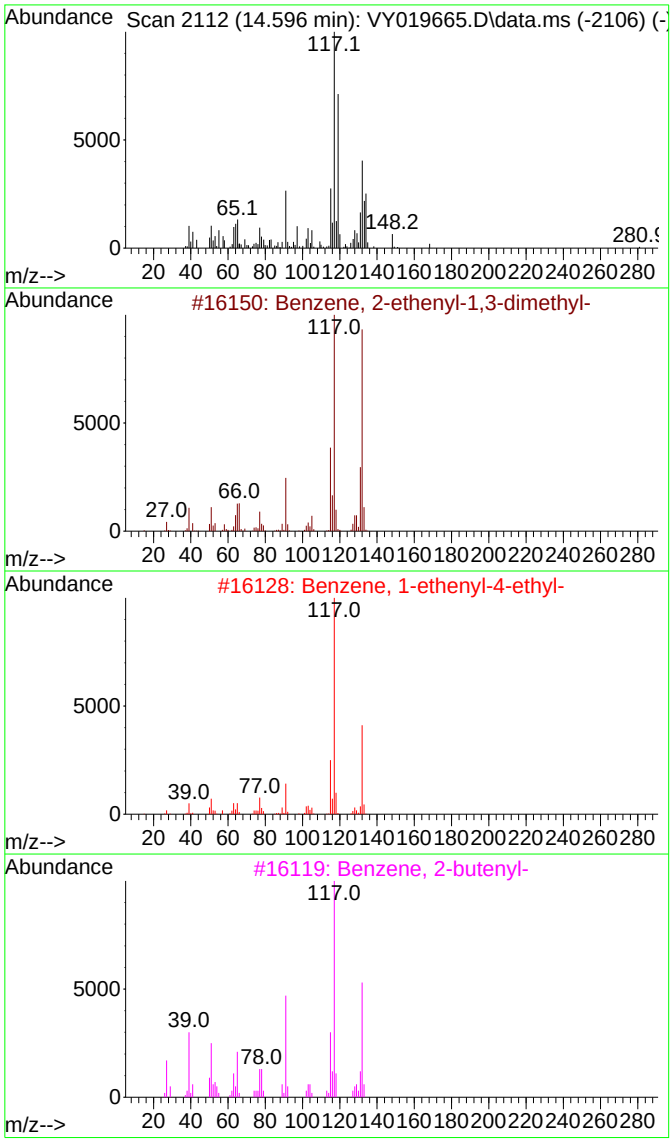
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

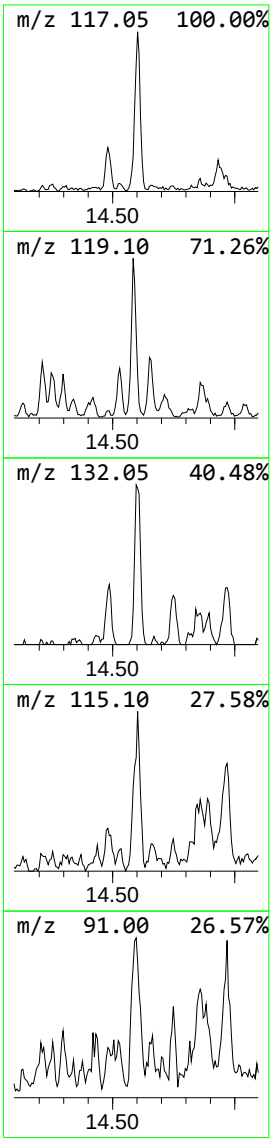
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.596	12.65 ug/l	134166	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	64
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	62
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	62
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	62
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092324\
Data File : VY019665.D
Acq On : 23 Sep 2024 14:04
Operator : SY/MD
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Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14-7.5-10B

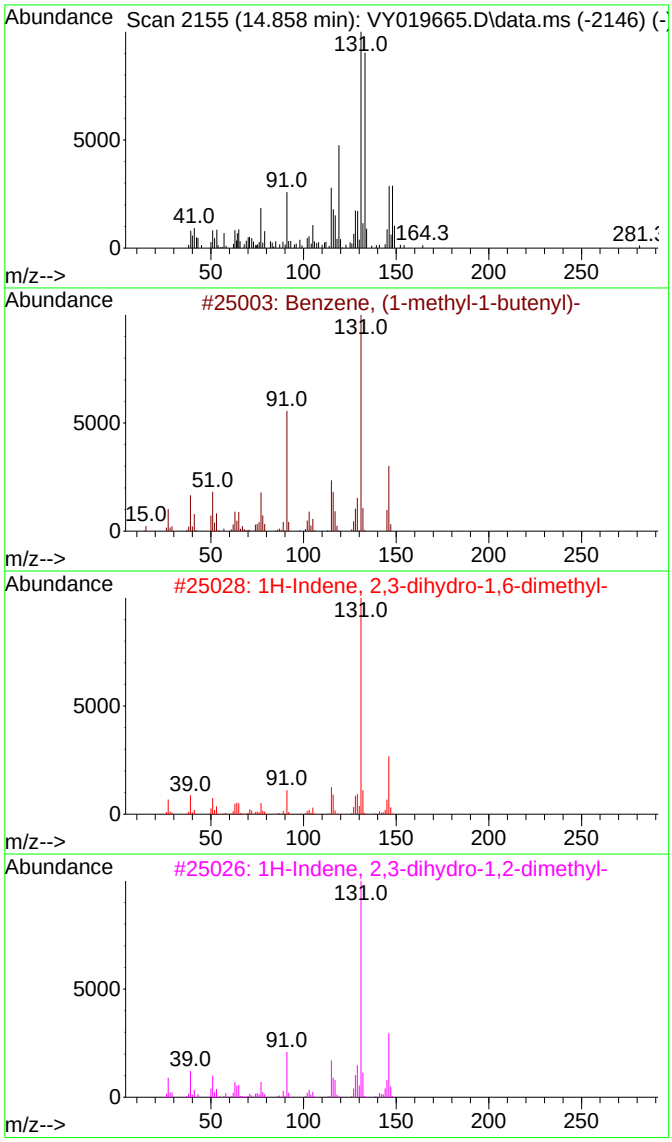
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

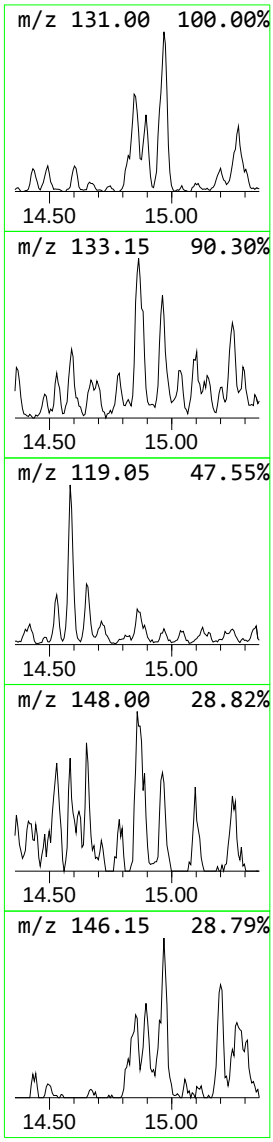
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, (1-methyl-1-butenyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.858	7.63 ug/l	80943	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	86
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	83
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	46
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	46
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092324\
Data File : VY019665.D
Acq On : 23 Sep 2024 14:04
Operator : SY/MD
Sample : P4103-13
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14-7.5-10B

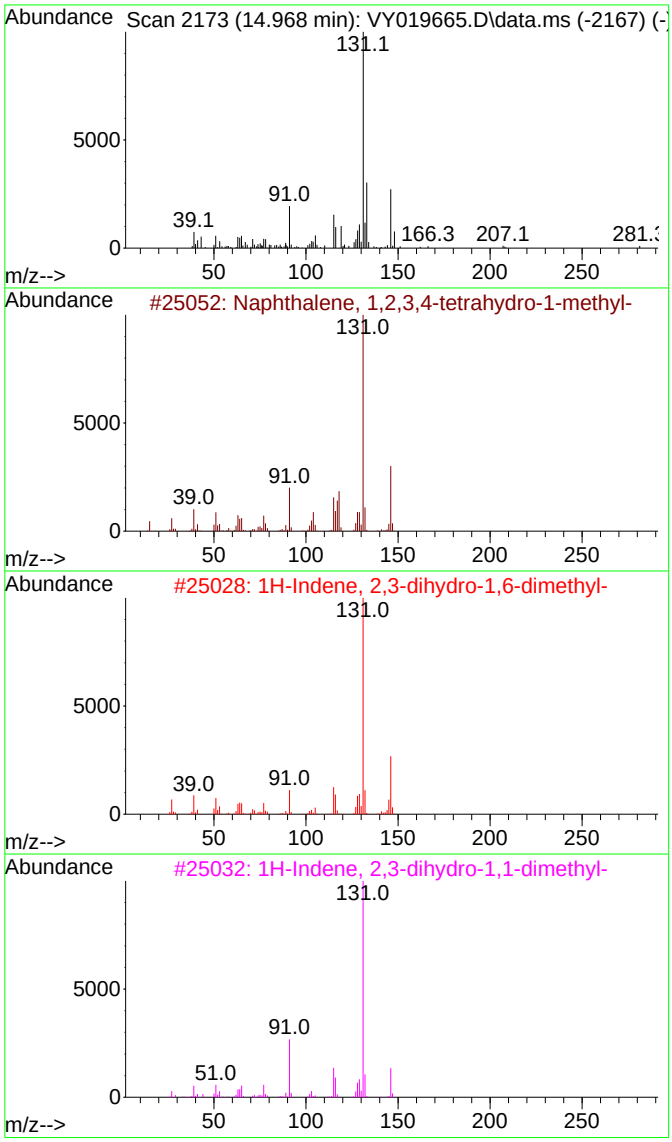
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

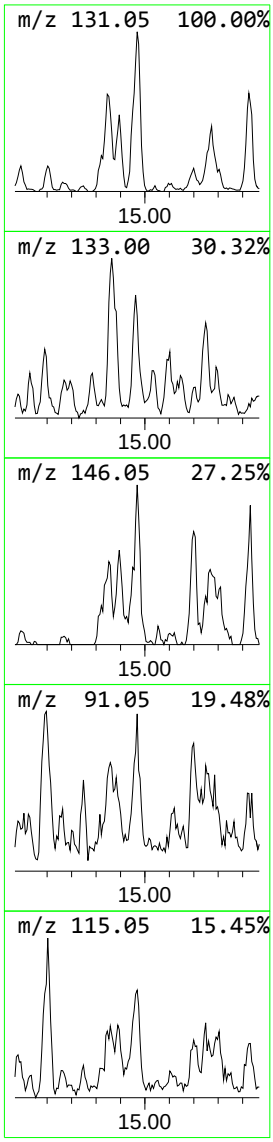
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.968	7.73 ug/l	82021	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	76
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	76
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092324\
Data File : VY019665.D
Acq On : 23 Sep 2024 14:04
Operator : SY/MD
Sample : P4103-13
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14-7.5-10B

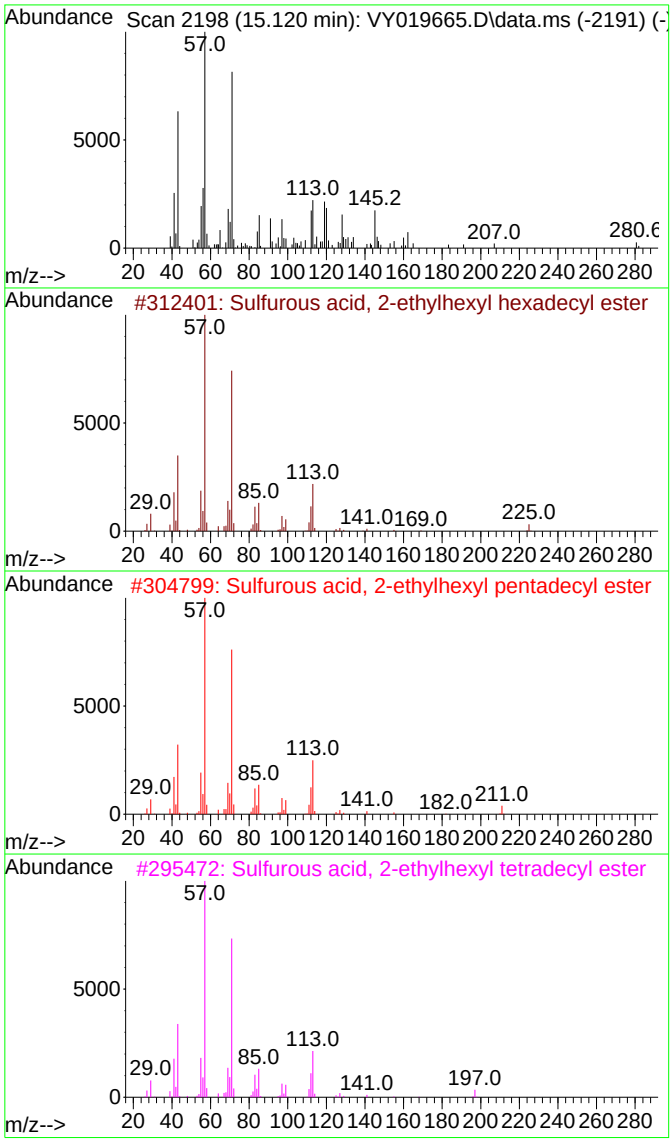
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

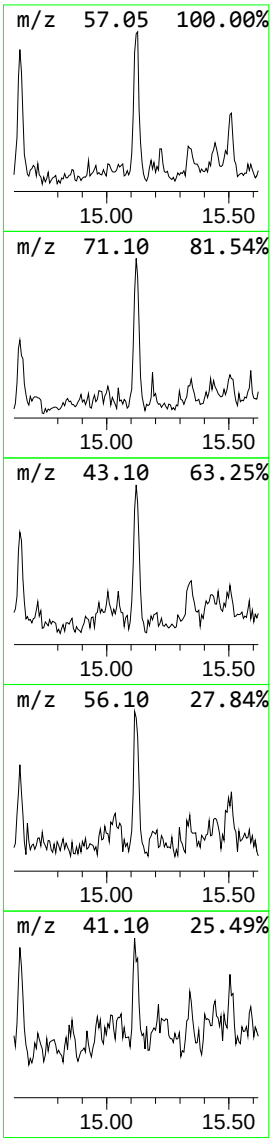
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Sulfurous acid, 2-ethylhexy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.121	7.82 ug/l	82935	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	68
2	Sulfurous acid, 2-ethylhexyl pen...	404	C23H48O3S	1000309-19-8	68
3	Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	68
4	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	59
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	50





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Instrument :
MSVOA_Y
ClientSampleId :
WC-14-7.5-10B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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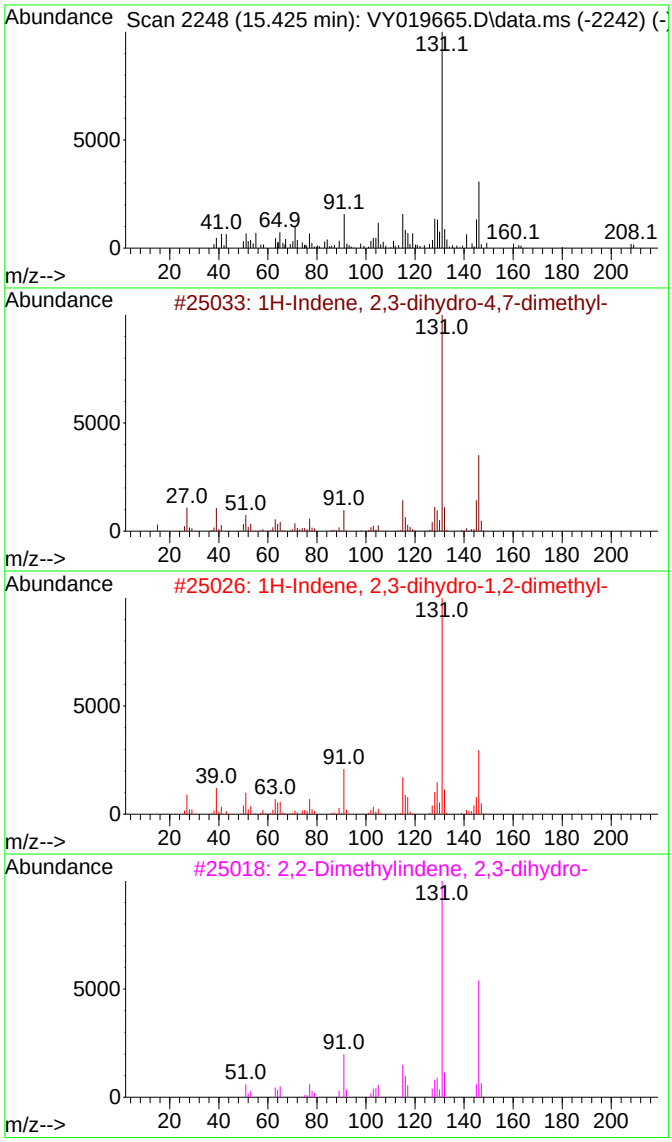
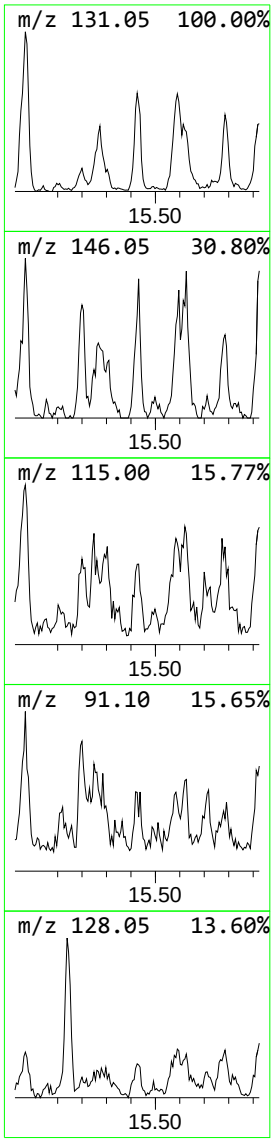
****
Peak Number 6 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.425	7.75 ug/l	82184	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
5	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	87





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Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14-7.5-10B

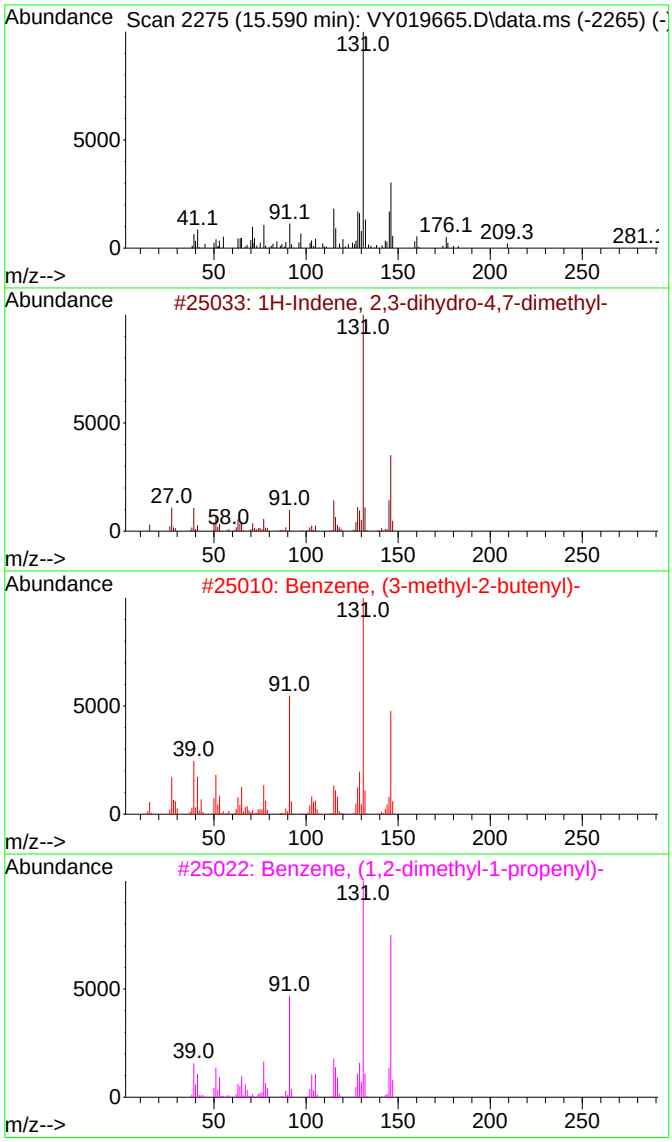
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

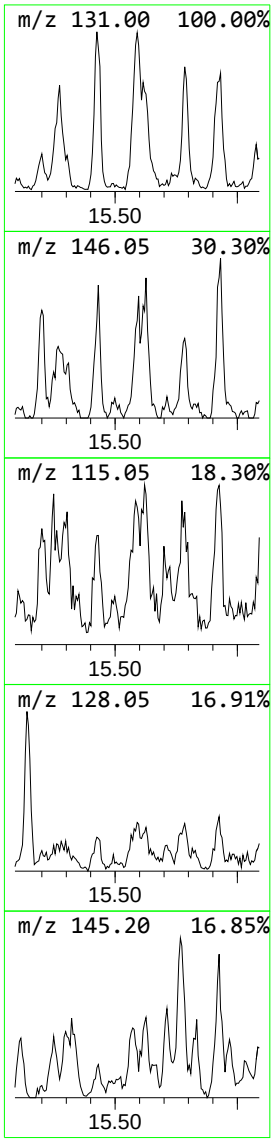
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, (3-methyl-2-butenyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.590	6.74 ug/l	71505	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14-7.5-10B

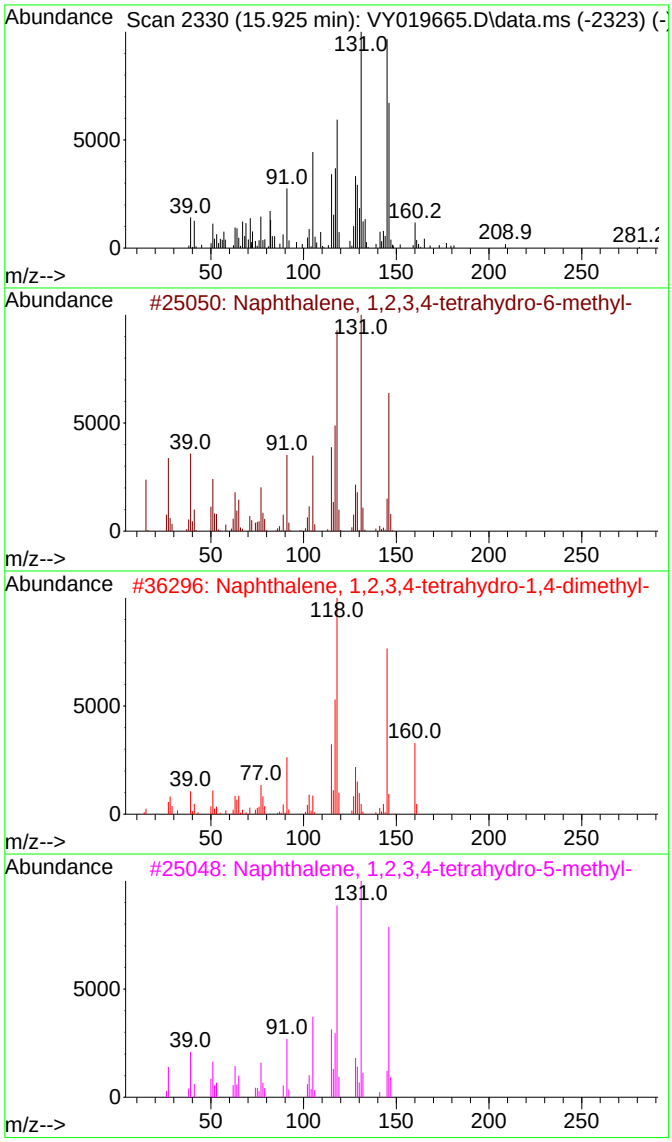
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

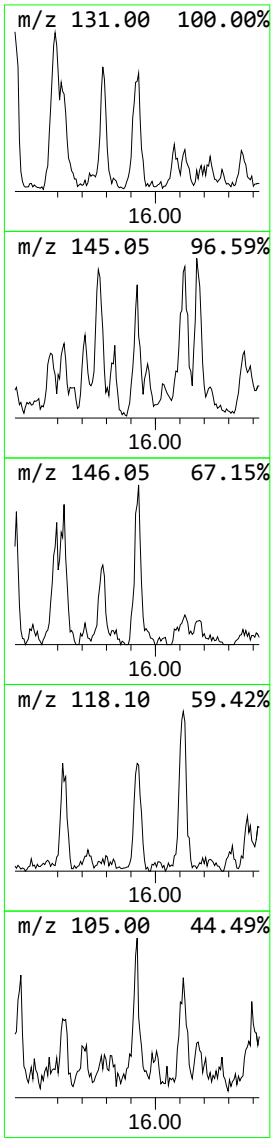
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.925	8.25 ug/l	87457	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	60
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	60
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	58
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	50
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	50





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Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
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Instrument :
MSVOA_Y
ClientSampleId :
WC-14-7.5-10B

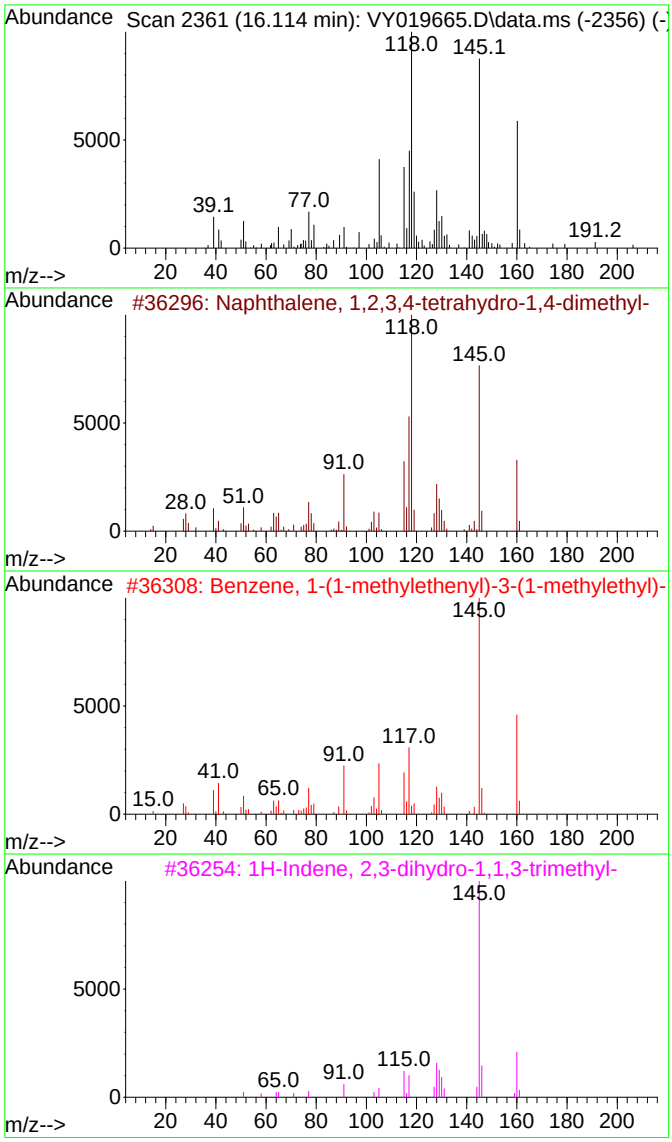
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

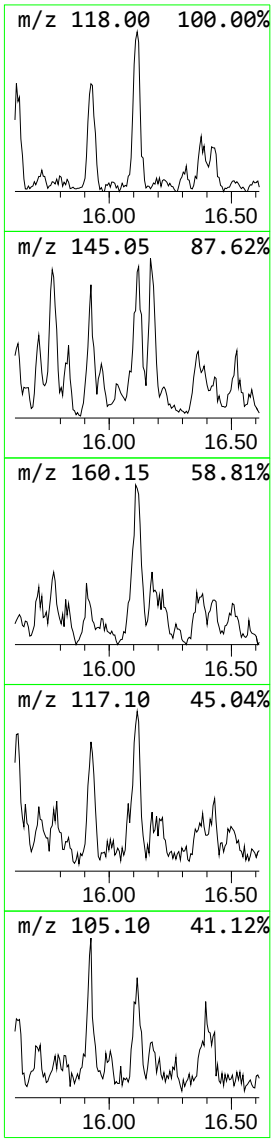
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.114	6.00 ug/l	63676	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	72
2	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	62
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	60
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	58
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092324\
Data File : VY019665.D
Acq On : 23 Sep 2024 14:04
Operator : SY/MD
Sample : P4103-13
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14-7.5-10B

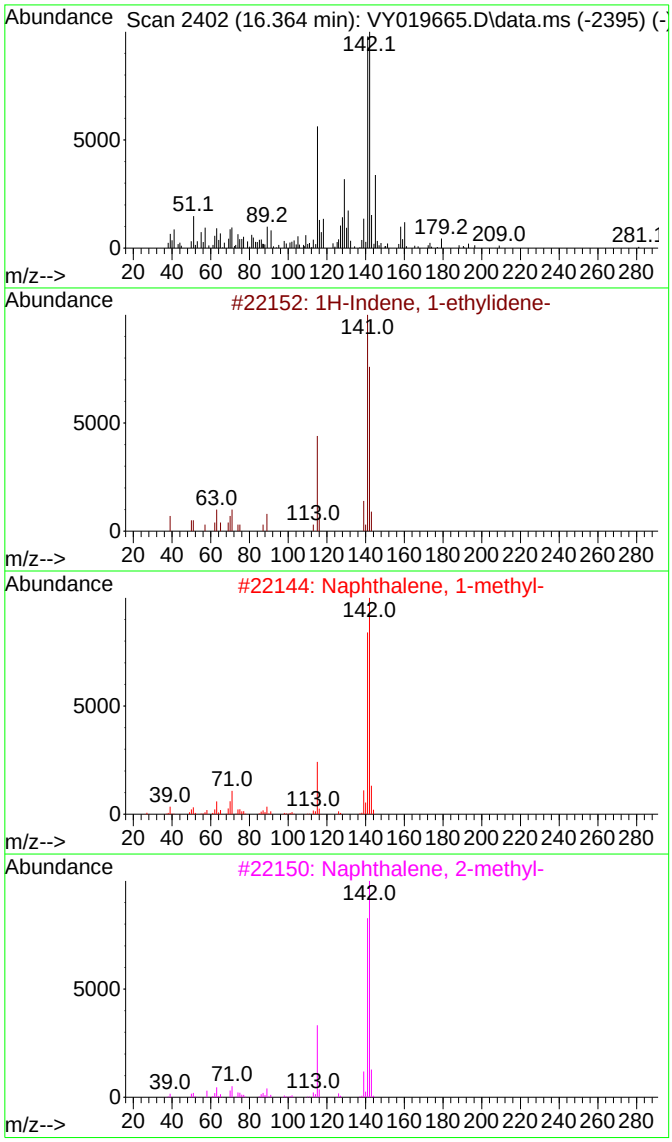
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

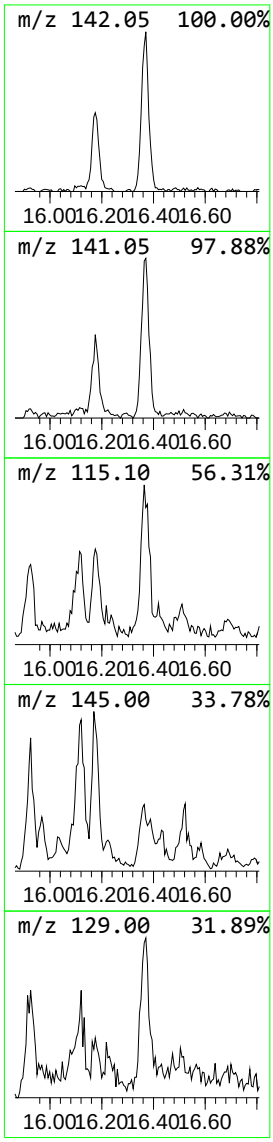
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 1-ethylidene- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.364	11.65 ug/l	123623	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	89
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	89
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	68
5	Benzocycloheptatriene	142	C11H10	000264-09-5	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092324\
Data File : VY019665.D
Acq On : 23 Sep 2024 14:04
Operator : SY/MD
Sample : P4103-13
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14-7.5-10B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.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...	14.596	12.7	ug/l	134166	4	13.346	530358	50.0
Benzene, (1-met...	14.858	7.6	ug/l	80943	4	13.346	530358	50.0
Naphthalene, 1,...	14.968	7.7	ug/l	82021	4	13.346	530358	50.0
Sulfurous acid,...	15.121	7.8	ug/l	82935	4	13.346	530358	50.0
1H-Indene, 2,3-...	15.425	7.8	ug/l	82184	4	13.346	530358	50.0
Benzene, (3-met...	15.590	6.7	ug/l	71505	4	13.346	530358	50.0
Naphthalene, 1,...	15.925	8.3	ug/l	87457	4	13.346	530358	50.0
Naphthalene, 1,...	16.114	6.0	ug/l	63676	4	13.346	530358	50.0
1H-Indene, 1-et...	16.364	11.7	ug/l	123623	4	13.346	530358	50.0