LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
Data File : VN084002.D
Acq On : 18 Sep 2024 23:03
Operator : JC\MD
Sample : P4097-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FM648

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_N\methods\82N091024W.M
Title : SW846 8260

Signal : TIC: VN084002.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.813	141	146	156	rVB4	5406	12249	1.23%	0.112%
2	4.442	412	423	431	rBV2	5275	14469	1.46%	0.132%
3	8.171	1047	1057	1061	rBV	134770	331193	33.31%	3.028%
4	8.224	1061	1066	1079	rVB	264043	573017	57.63%	5.239%
5	8.577	1117	1126	1133	rBV	166520	363098	36.52%	3.320%
6	8.653	1133	1139	1141	rBV2	31772	67119	6.75%	0.614%
7	9.100	1206	1215	1227	rBV	382682	760706	76.50%	6.955%
8	10.565	1456	1464	1472	rBV	529334	994350	100.00%	9.091%
9	10.630	1472	1475	1482	rVB2	8546	15034	1.51%	0.137%
10	11.106	1549	1556	1562	rVB2	14670	25748	2.59%	0.235%
11	11.865	1677	1685	1697	rVB	485423	857464	86.23%	7.840%
12	12.847	1845	1852	1861	rVB	401312	670100	67.39%	6.127%
13	13.035	1877	1884	1889	rBV2	7287	11985	1.21%	0.110%
14	13.094	1889	1894	1898	rBV2	27866	50891	5.12%	0.465%
15	13.130	1898	1900	1903	rVV2	16976	24022	2.42%	0.220%
16	13.171	1903	1907	1913	rVB2	36505	61063	6.14%	0.558%
17	13.335	1928	1935	1940	rBV	34919	53422	5.37%	0.488%
18	13.482	1954	1960	1967	rVB	91583	144108	14.49%	1.318%
19	13.612	1972	1982	1987	rBV2	11506	22408	2.25%	0.205%
20	13.671	1987	1992	1997	rBV3	22448	34453	3.46%	0.315%
21	13.729	1997	2002	2006	rBV2	11110	17906	1.80%	0.164%
22	13.788	2006	2012	2023	rBV2	459702	934331	93.96%	8.543%
23	13.947	2034	2039	2041	rBV3	27110	40335	4.06%	0.369%
24	13.982	2041	2045	2048	rVV2	70669	130370	13.11%	1.192%
25	14.018	2048	2051	2061	rVB3	89440	189685	19.08%	1.734%
26	14.112	2061	2067	2073	rBV4	45712	91821	9.23%	0.840%
27	14.182	2073	2079	2084	rBV	62229	96575	9.71%	0.883%
28	14.241	2084	2089	2091	rBV	65436	97711	9.83%	0.893%
29	14.271	2091	2094	2099	rVB	73796	112681	11.33%	1.030%
30	14.329	2099	2104	2111	rVB	110252	165621	16.66%	1.514%
31	14.394	2111	2115	2117	rBV2	17587	24453	2.46%	0.224%
32	14.441	2117	2123	2129	rVV3	93016	161273	16.22%	1.475%
33	14.518	2132	2136	2139	rVB3	9821	13446	1.35%	0.123%
34	14.571	2140	2145	2151	rBV2	67982	113182	11.38%	1.035%
35	14.653	2151	2159	2162	rBV	79851	143002	14.38%	1.307%
36	14.688	2162	2165	2170	rVV	146410	223695	22.50%	2.045%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
Data File : VN084002.D
Acq On : 18 Sep 2024 23:03
Operator : JC\MD
Sample : P4097-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FM648

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_N\methods\82N091024W.M
Title : SW846 8260

37	14.729	2170	2172	2176	rVV2	33686	41821	4.21%	0.382%
38	14.771	2176	2179	2183	rVB2	16723	21069	2.12%	0.193%
39	14.876	2188	2197	2201	rBV4	32144	72627	7.30%	0.664%
40	14.929	2201	2206	2208	rVV4	77384	135371	13.61%	1.238%
41	14.959	2208	2211	2217	rVB2	77475	128726	12.95%	1.177%
42	15.035	2217	2224	2232	rBV3	245716	679433	68.33%	6.212%
43	15.094	2232	2234	2244	rVB4	22544	48748	4.90%	0.446%
44	15.206	2247	2253	2260	rBV	192188	347192	34.92%	3.174%
45	15.318	2266	2272	2276	rBV3	69009	135163	13.59%	1.236%
46	15.435	2286	2292	2301	rVB3	96378	271860	27.34%	2.486%
47	15.582	2312	2317	2323	rBV3	25556	49991	5.03%	0.457%
48	15.700	2331	2337	2341	rBV	62756	114596	11.52%	1.048%
49	15.747	2341	2345	2347	rBV3	26470	41828	4.21%	0.382%
50	15.782	2347	2351	2355	rVB3	29253	60098	6.04%	0.549%
51	15.941	2370	2378	2386	rBV2	50610	112449	11.31%	1.028%
52	16.023	2386	2392	2394	rBV5	10404	17061	1.72%	0.156%
53	16.129	2401	2410	2411	rBV3	40022	85786	8.63%	0.784%
54	16.165	2411	2416	2426	rVB2	152982	325819	32.77%	2.979%
55	16.253	2426	2431	2436	rBV4	18458	35435	3.56%	0.324%
56	16.341	2436	2446	2452	rBV3	29370	76990	7.74%	0.704%
57	16.500	2462	2473	2485	rBV2	117502	296398	29.81%	2.710%
58	16.706	2498	2508	2514	rBV4	44884	113514	11.42%	1.038%
59	16.782	2514	2521	2522	rBV	50465	82341	8.28%	0.753%

Sum of corrected areas: 10937302

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
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Acq On : 18 Sep 2024 23:03
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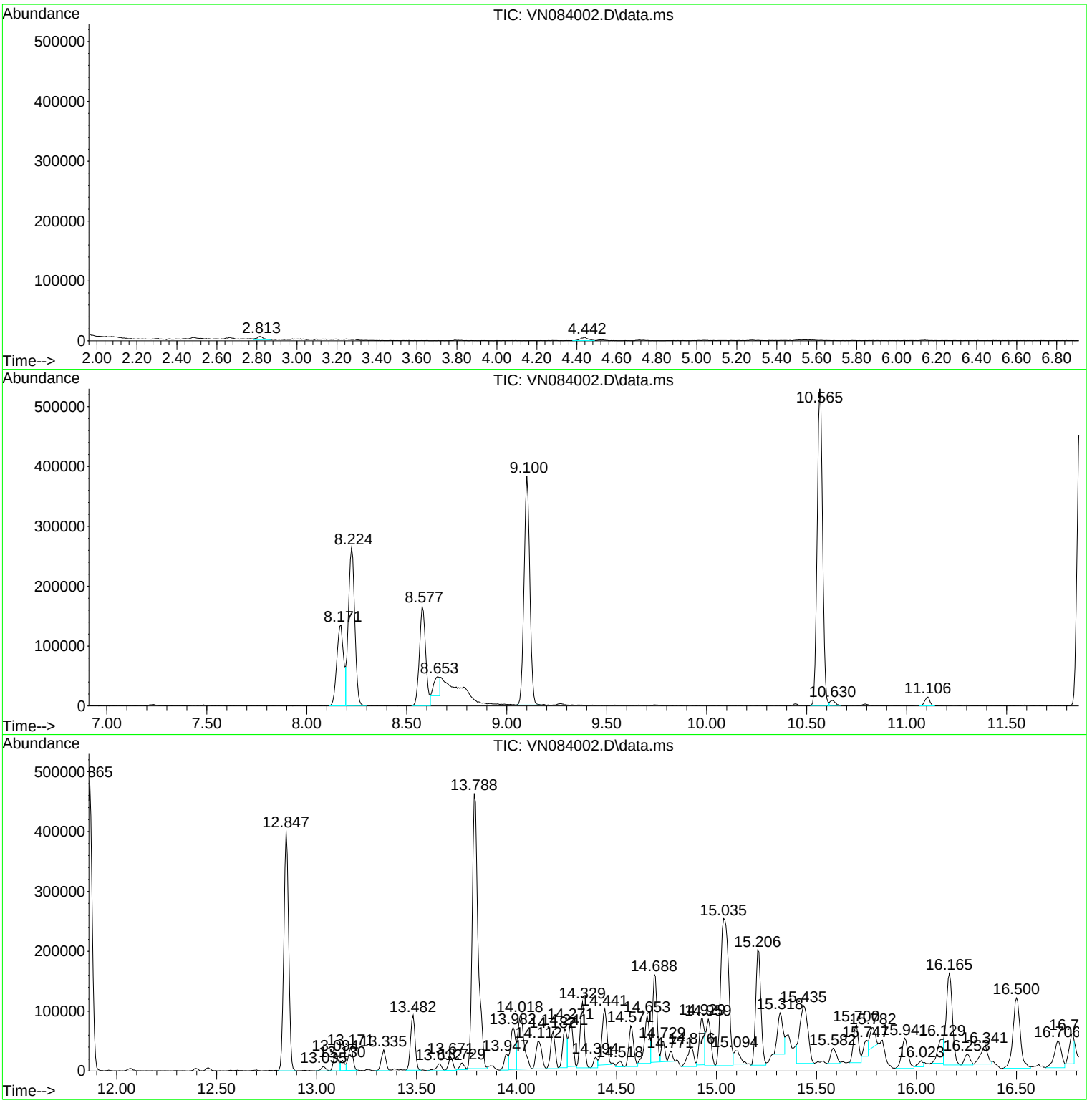
Sample : P4097-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FM648

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
Data File : VN084002.D
Acq On : 18 Sep 2024 23:03
Operator : JC\MD
Sample : P4097-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FM648

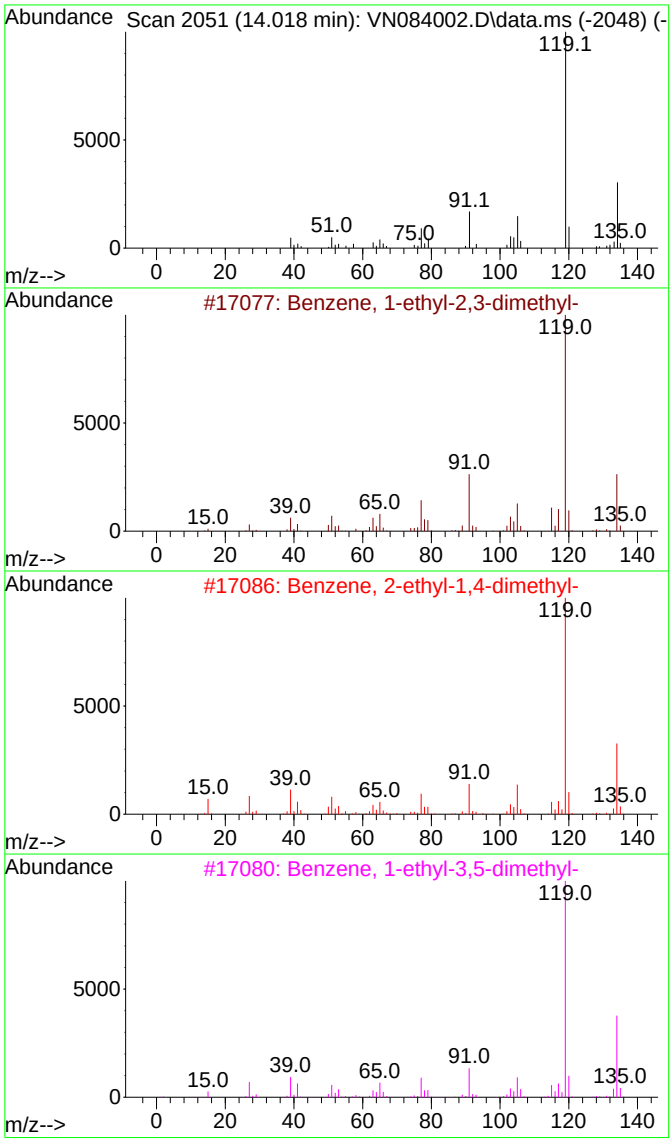
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260

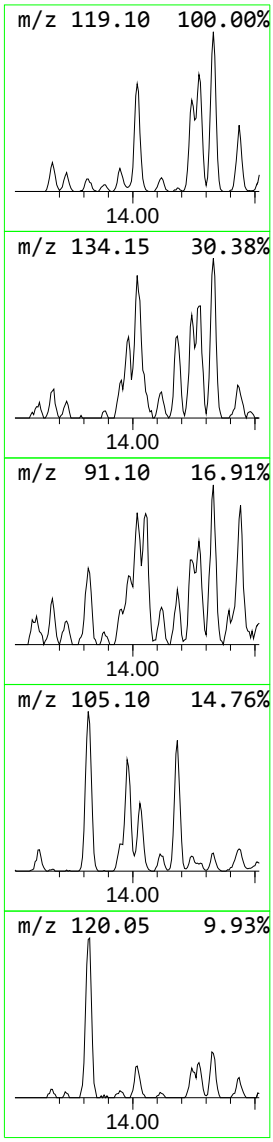
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.018	10.15 ug/l	189685	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
Data File : VN084002.D
Acq On : 18 Sep 2024 23:03
Operator : JC\MD
Sample : P4097-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FM648

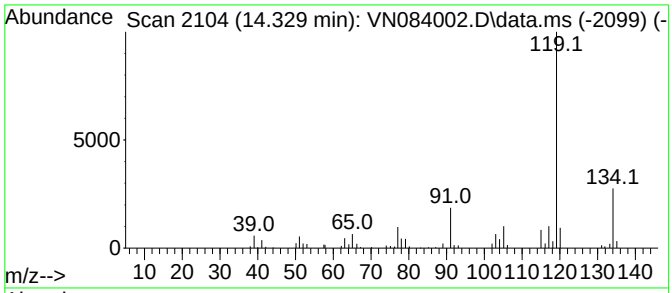
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260

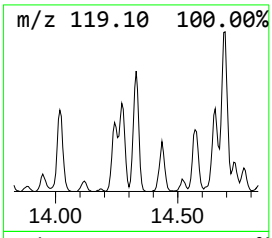
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

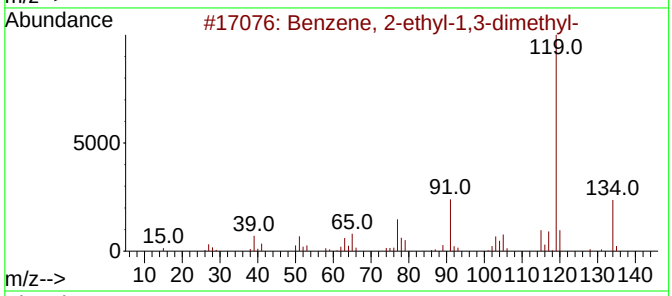
****
Peak Number 2 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 8

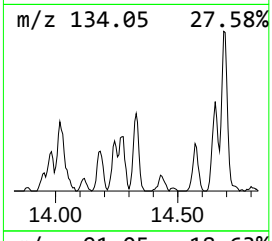
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.329	8.86 ug/l	165621	1,4-Dichlorobenzene-d4	13.788

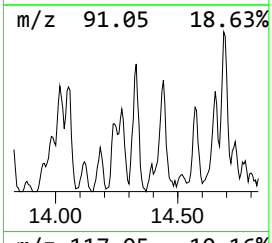
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	p-Cymene	134	C10H14	000099-87-6	94

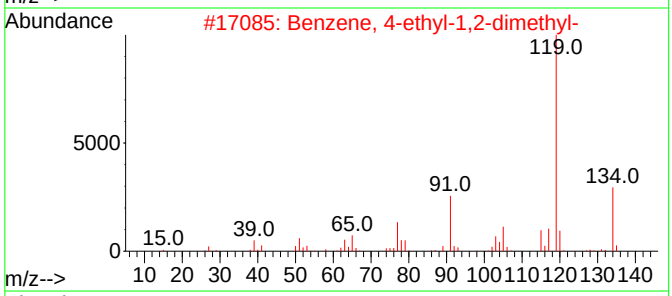


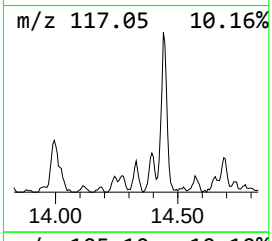


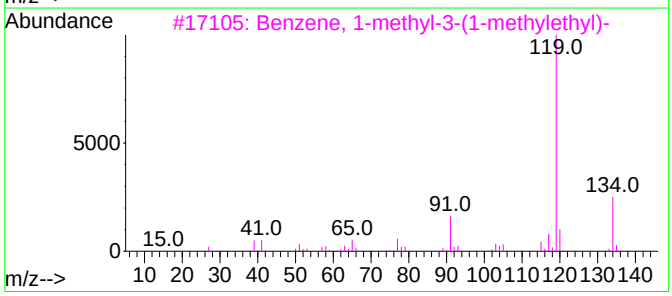


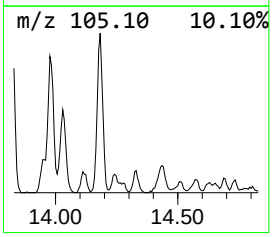












Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
Data File : VN084002.D
Acq On : 18 Sep 2024 23:03
Operator : JC\MD
Sample : P4097-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FM648

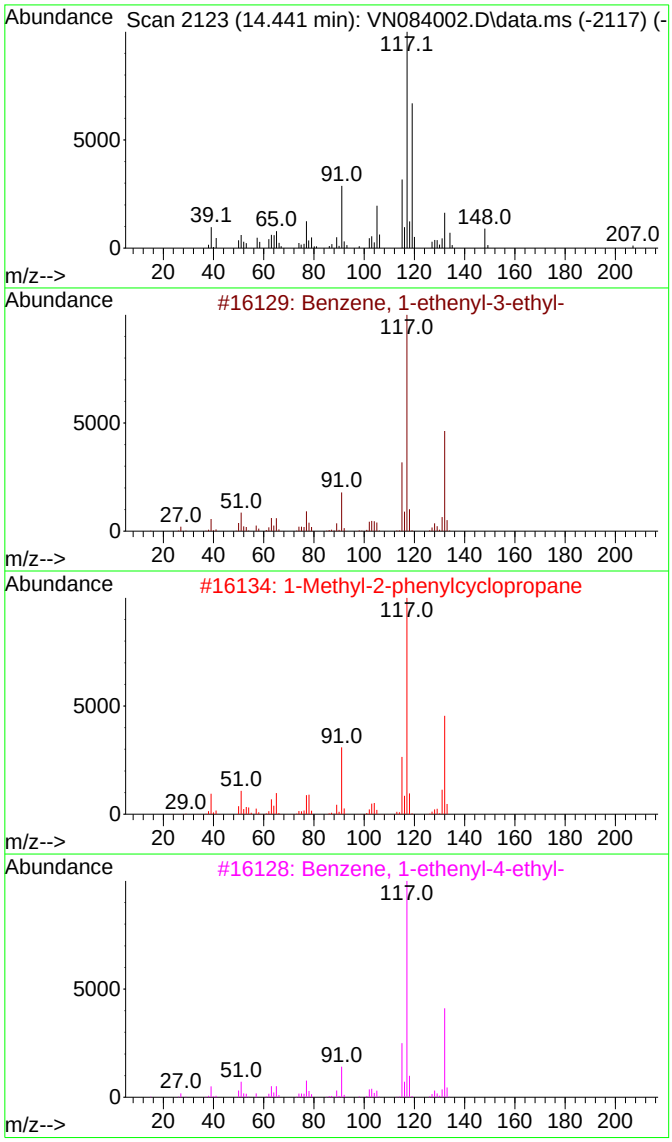
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260

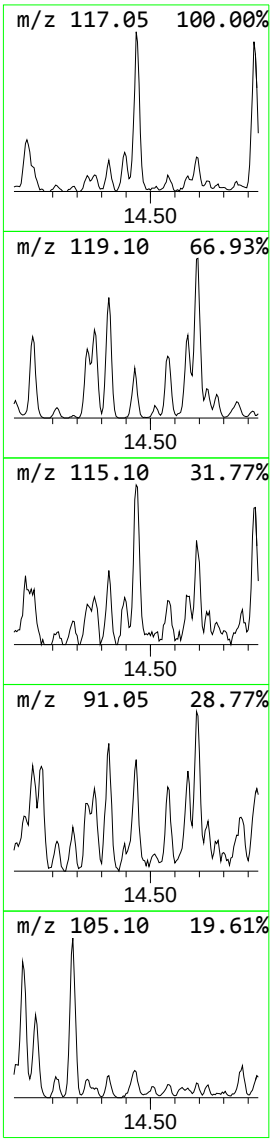
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.441	8.63 ug/l	161273	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
2	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	64
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	64
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
Data File : VN084002.D
Acq On : 18 Sep 2024 23:03
Operator : JC\MD
Sample : P4097-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FM648

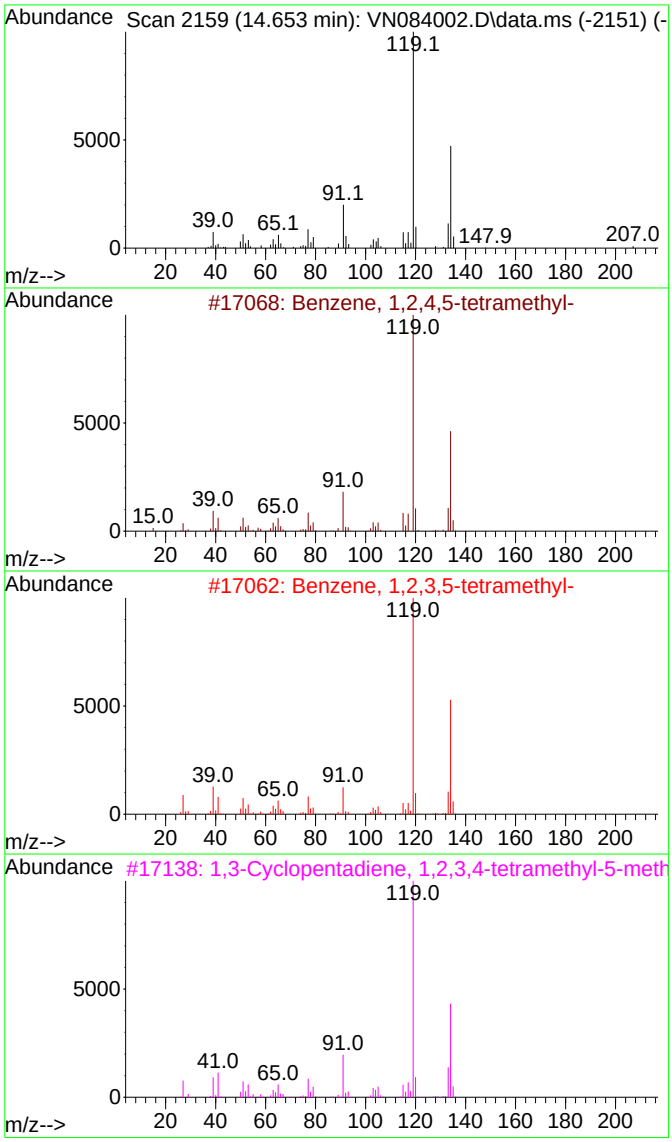
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260

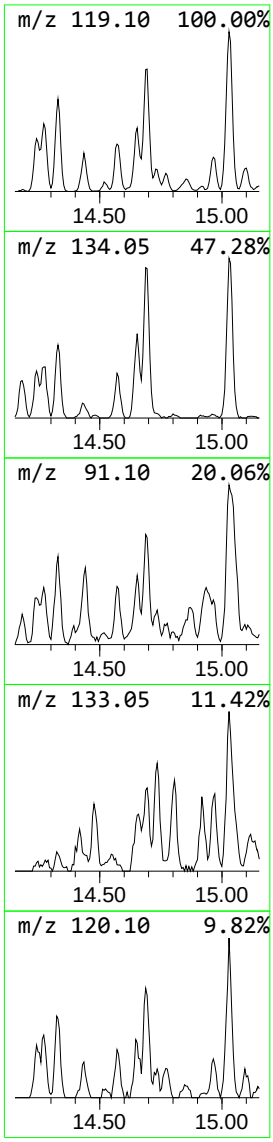
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.653	7.65 ug/l	143002	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
Data File : VN084002.D
Acq On : 18 Sep 2024 23:03
Operator : JC\MD
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FM648

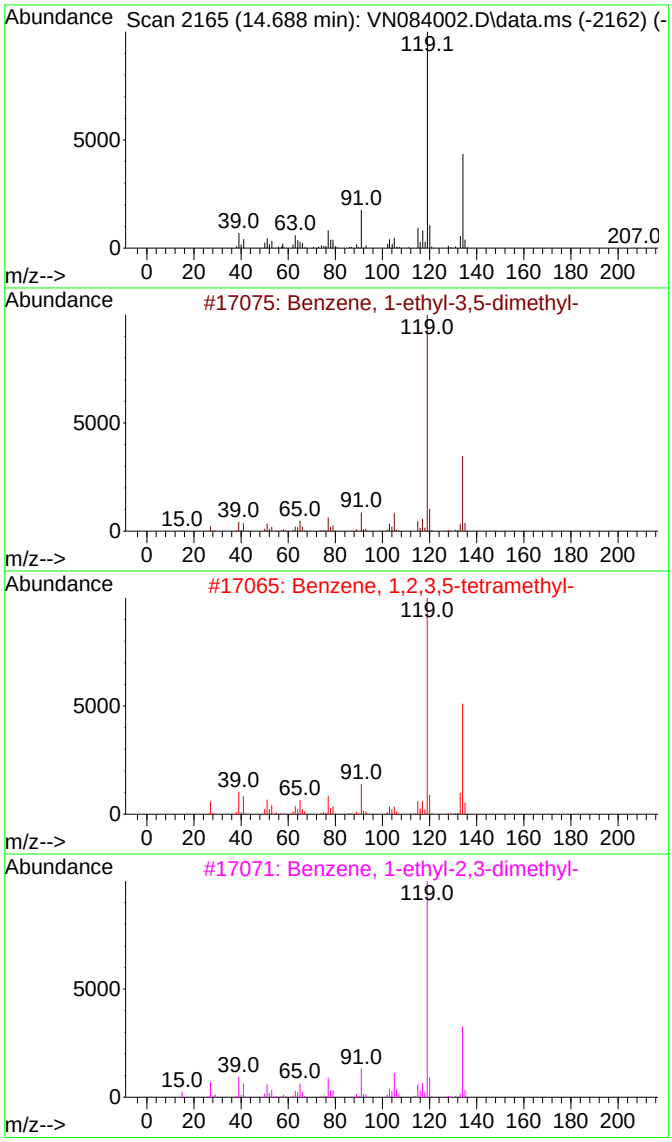
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260

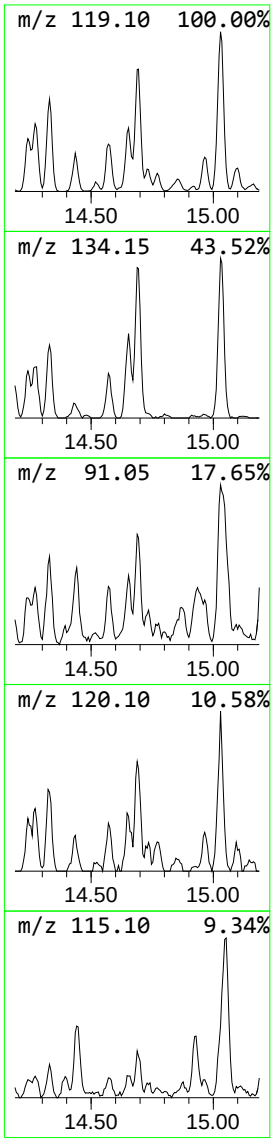
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.688	11.97 ug/l	223695	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
Data File : VN084002.D
Acq On : 18 Sep 2024 23:03
Operator : JC\MD
Sample : P4097-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FM648

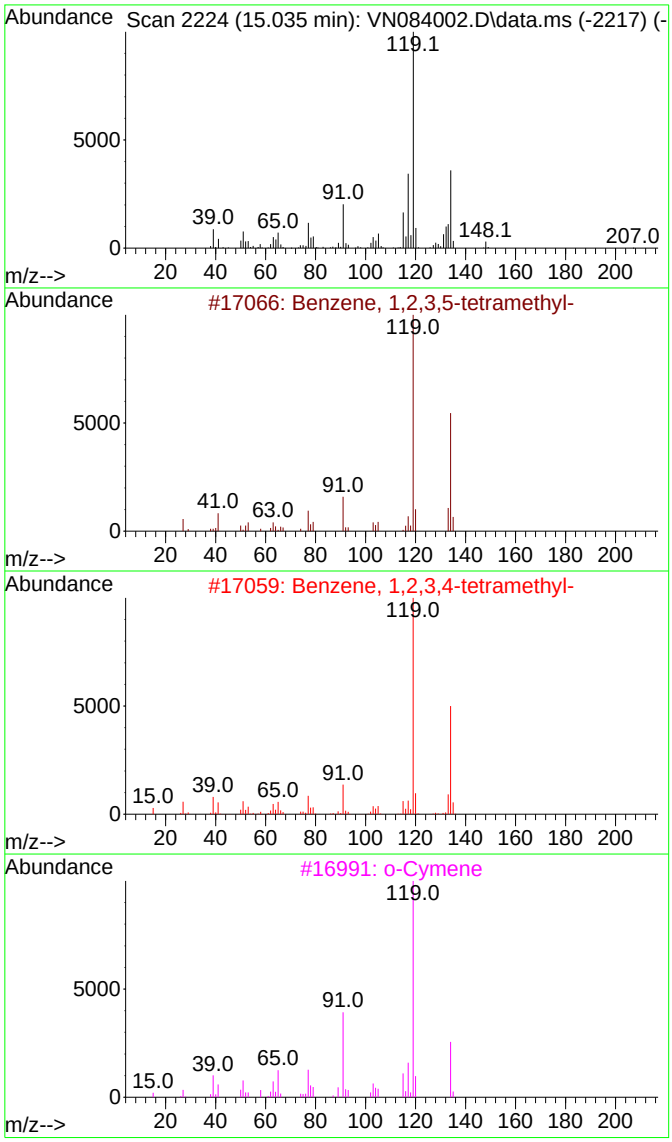
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260

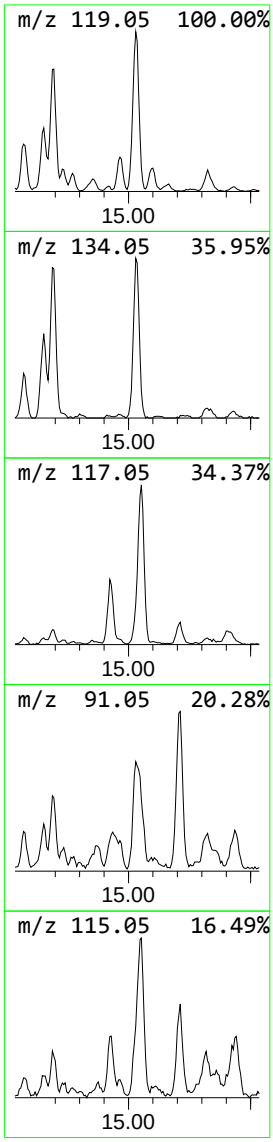
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.035	36.36 ug/l	679433	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
3	o-Cymene	134	C10H14	000527-84-4	76
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
Data File : VN084002.D
Acq On : 18 Sep 2024 23:03
Operator : JC\MD
Sample : P4097-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FM648

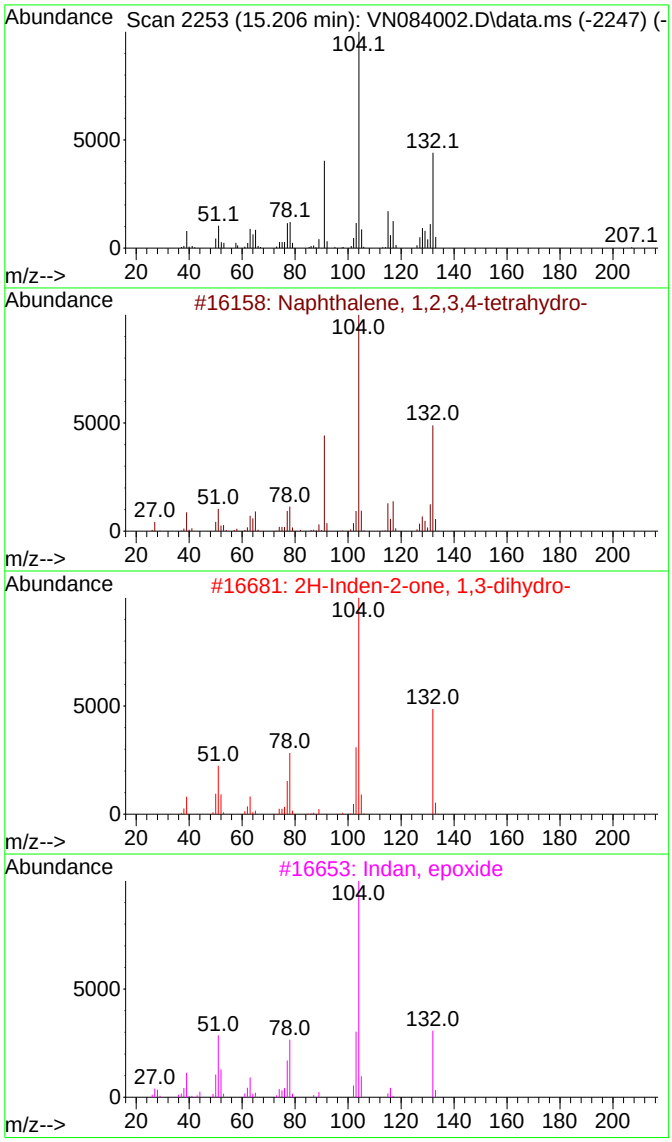
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260

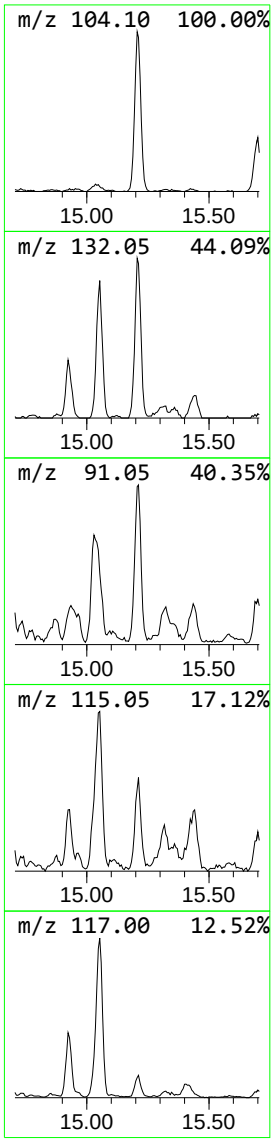
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.206	18.58 ug/l	347192	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	70
3	Indan, epoxide	132	C9H8O	000768-22-9	58
4	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	47
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
Data File : VN084002.D
Acq On : 18 Sep 2024 23:03
Operator : JC\MD
Sample : P4097-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FM648

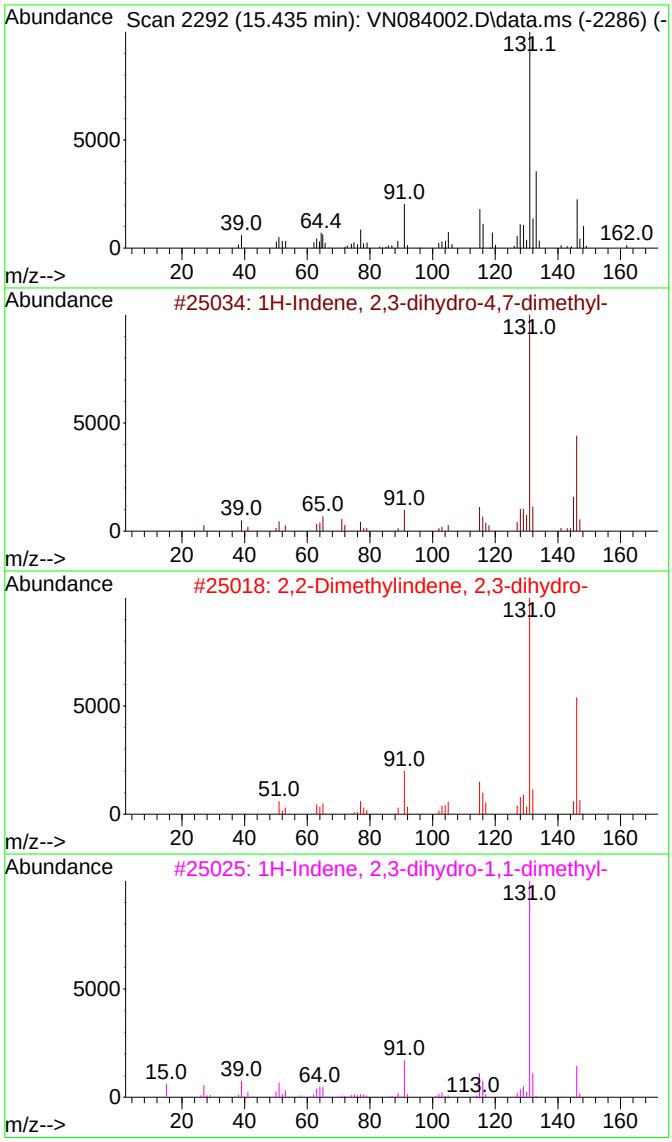
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260

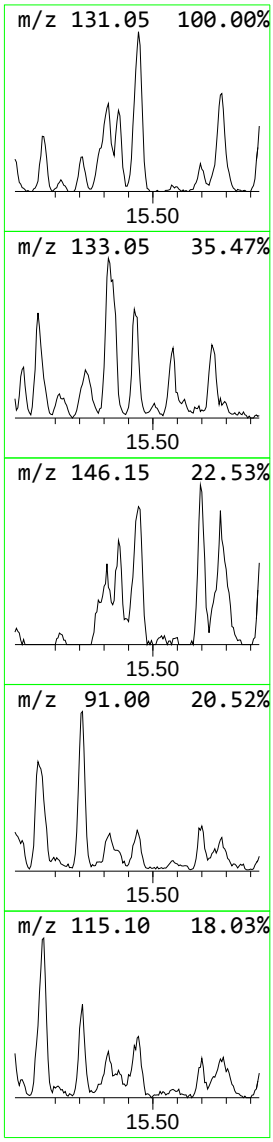
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.435	14.55 ug/l	271860	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	89
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	81
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
Data File : VN084002.D
Acq On : 18 Sep 2024 23:03
Operator : JC\MD
Sample : P4097-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FM648

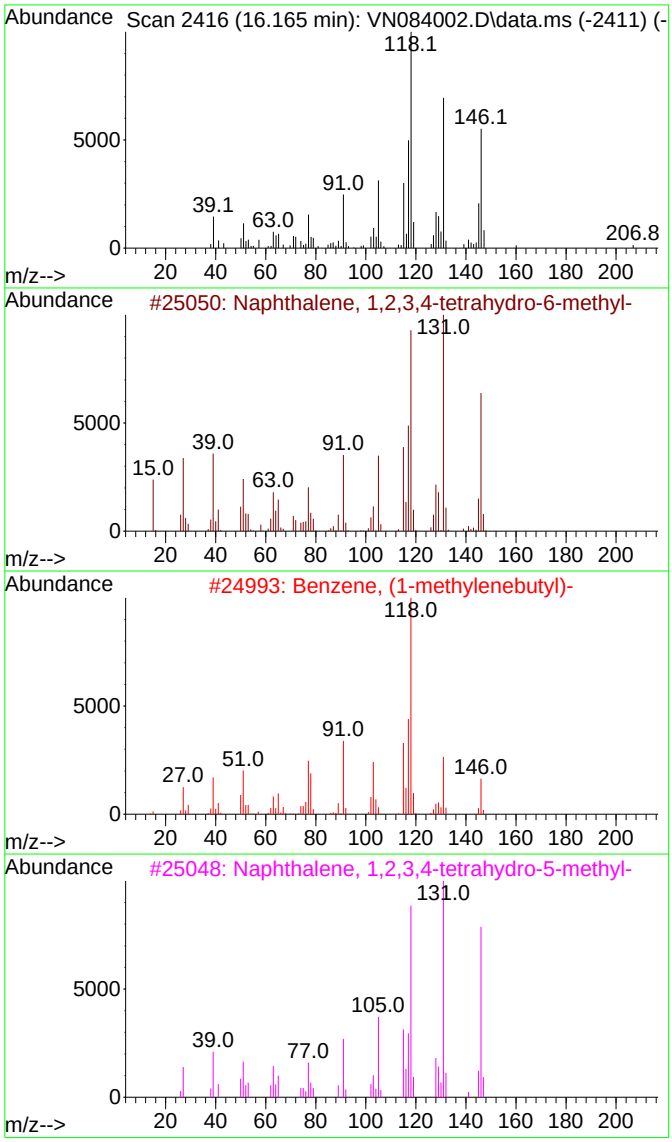
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260

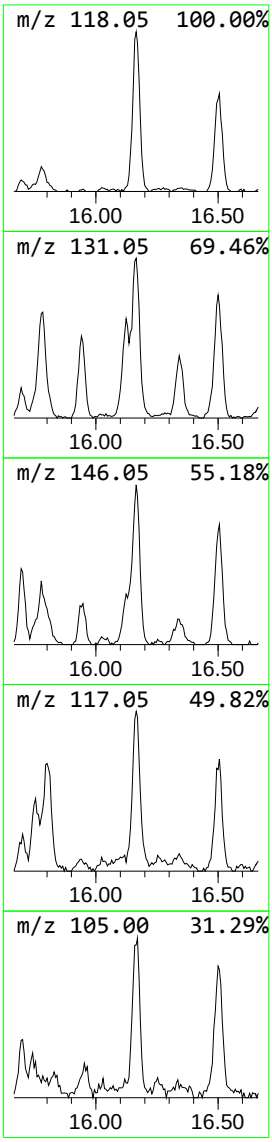
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.165	17.44 ug/l	325819	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
2	Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	87
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	68
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	55
5	1H-Indol-4-ylmethylamine	146	C9H10N2	003468-18-6	52





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Data File : VN084002.D
Acq On : 18 Sep 2024 23:03
Operator : JC\MD
Sample : P4097-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FM648

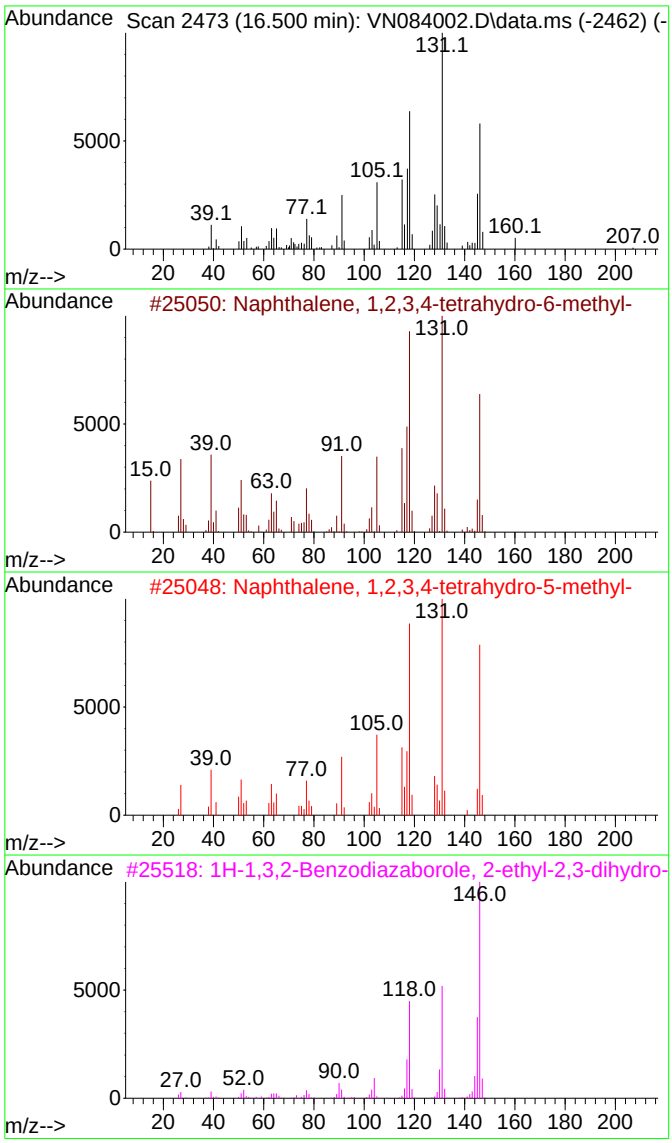
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260

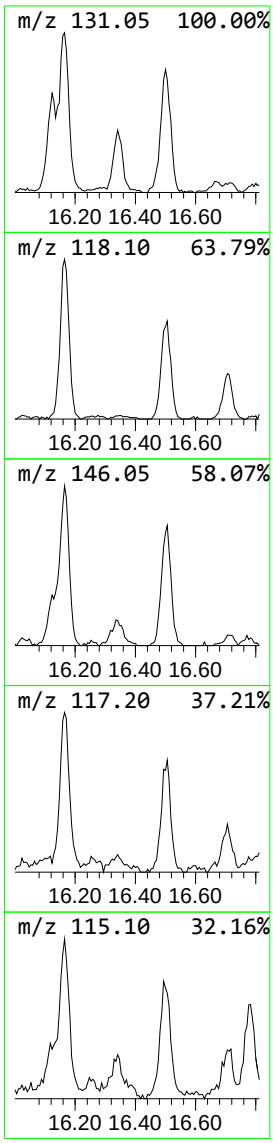
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.500	15.86 ug/l	296398	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	81
4	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	68
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
Data File : VN084002.D
Acq On : 18 Sep 2024 23:03
Operator : JC\MD
Sample : P4097-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FM648

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.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...	14.018	10.2	ug/l	189685	4	13.788	934331	50.0
Benzene, 2-ethy...	14.329	8.9	ug/l	165621	4	13.788	934331	50.0
Benzene, 1-ethe...	14.441	8.6	ug/l	161273	4	13.788	934331	50.0
Benzene, 1,2,4,...	14.653	7.7	ug/l	143002	4	13.788	934331	50.0
Benzene, 1-ethy...	14.688	12.0	ug/l	223695	4	13.788	934331	50.0
Benzene, 1,2,3,...	15.035	36.4	ug/l	679433	4	13.788	934331	50.0
Naphthalene, 1,...	15.206	18.6	ug/l	347192	4	13.788	934331	50.0
1H-Indene, 2,3-...	15.435	14.6	ug/l	271860	4	13.788	934331	50.0
Naphthalene, 1,...	16.165	17.4	ug/l	325819	4	13.788	934331	50.0
Naphthalene, 1,...	16.500	15.9	ug/l	296398	4	13.788	934331	50.0