LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
Data File : VN076665.D
Acq On : 14 Feb 2023 17:00
Operator : JC\MD
Sample : 01549-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1831

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\82N021323W.M
Title : SW846 8260

Signal : TIC: VN076665.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.825	143	151	152	rBV3	13598	22641	1.09%	0.076%
2	4.442	419	426	434	rBV	10358	26336	1.27%	0.088%
3	8.172	1049	1060	1065	rBV	250382	599312	28.93%	2.000%
4	8.230	1065	1070	1082	rVB	447422	966007	46.63%	3.224%
5	8.583	1119	1130	1143	rBV	275669	645286	31.15%	2.154%
6	9.107	1209	1219	1229	rBV	668373	1369161	66.08%	4.570%
7	10.571	1459	1468	1475	rBV	1008040	1846568	89.13%	6.163%
8	10.630	1475	1478	1485	rVB2	30411	51416	2.48%	0.172%
9	11.301	1586	1592	1600	rBV2	46303	84782	4.09%	0.283%
10	11.865	1679	1688	1699	rBV	888225	1596547	77.06%	5.329%
11	11.965	1699	1705	1713	rVV	48249	82102	3.96%	0.274%
12	12.071	1715	1723	1735	rVB	164619	326781	15.77%	1.091%
13	12.401	1767	1779	1788	rBV	94681	170090	8.21%	0.568%
14	12.695	1824	1829	1834	rBV2	18040	27690	1.34%	0.092%
15	12.854	1848	1856	1864	rVB	667506	1131299	54.60%	3.776%
16	13.036	1881	1887	1892	rBV	66527	110209	5.32%	0.368%
17	13.101	1892	1898	1901	rVV	318813	529802	25.57%	1.768%
18	13.130	1901	1903	1907	rVV	161514	243714	11.76%	0.813%
19	13.177	1907	1911	1918	rVB	212042	339272	16.38%	1.132%
20	13.336	1930	1938	1944	rBV	186512	318011	15.35%	1.061%
21	13.483	1956	1963	1976	rVB	724795	1183124	57.11%	3.949%
22	13.612	1976	1985	1990	rBV4	26831	57341	2.77%	0.191%
23	13.671	1990	1995	2000	rBV2	54487	80952	3.91%	0.270%
24	13.736	2000	2006	2008	rBV5	19428	32270	1.56%	0.108%
25	13.795	2009	2016	2027	rVV2	884670	2071821	100.00%	6.915%
26	13.954	2036	2043	2045	rBV3	69615	112472	5.43%	0.375%
27	13.995	2045	2050	2053	rBV2	266554	513479	24.78%	1.714%
28	14.112	2065	2070	2077	rBV4	75332	136389	6.58%	0.455%
29	14.183	2077	2082	2087	rBV	84665	133212	6.43%	0.445%
30	14.248	2087	2093	2095	rBV	128395	205285	9.91%	0.685%
31	14.277	2095	2098	2102	rVB	134358	186564	9.00%	0.623%
32	14.330	2102	2107	2113	rVB	223820	361469	17.45%	1.207%
33	14.401	2113	2119	2122	rBV2	46741	85815	4.14%	0.286%
34	14.448	2122	2127	2134	rVB2	189385	319161	15.40%	1.065%
35	14.577	2143	2149	2154	rBV2	99335	170098	8.21%	0.568%
36	14.659	2154	2163	2166	rBV	175177	337465	16.29%	1.126%

LSC Area Percent Report

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Data File : VN076665.D
Acq On : 14 Feb 2023 17:00
Operator : JC\MD
Sample : 01549-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1831

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\82N021323W.M
Title : SW846 8260

37	14.695	2166	2169	2173	rVB	241335	311351	15.03%	1.039%
38	14.736	2173	2176	2180	rVB2	72242	94137	4.54%	0.314%
39	14.777	2180	2183	2191	rVB4	44343	89469	4.32%	0.299%
40	14.877	2191	2200	2204	rBV5	67669	139679	6.74%	0.466%
41	14.930	2204	2209	2212	rBV	312177	525028	25.34%	1.752%
42	14.959	2212	2214	2221	rVB2	231547	357762	17.27%	1.194%
43	15.053	2221	2230	2237	rBV2	670831	1640180	79.17%	5.475%
44	15.212	2250	2257	2264	rBV	546524	986858	47.63%	3.294%
45	15.283	2264	2269	2270	rBV3	54949	75721	3.65%	0.253%
46	15.318	2270	2275	2280	rBV3	177229	348287	16.81%	1.163%
47	15.448	2288	2297	2304	rVB4	227723	612186	29.55%	2.043%
48	15.512	2304	2308	2316	rVB6	45556	102253	4.94%	0.341%
49	15.595	2316	2322	2326	rBV4	107473	215352	10.39%	0.719%
50	15.636	2326	2329	2335	rVB	89863	155959	7.53%	0.521%
51	15.700	2335	2340	2345	rBV	205826	373341	18.02%	1.246%
52	15.753	2345	2349	2351	rVV3	136558	226882	10.95%	0.757%
53	15.783	2352	2354	2358	rVV2	163619	308141	14.87%	1.029%
54	15.836	2359	2363	2374	rVB	312066	612539	29.57%	2.045%
55	15.948	2374	2382	2389	rBV	294836	669353	32.31%	2.234%
56	16.024	2390	2395	2400	rBV8	36136	64059	3.09%	0.214%
57	16.130	2403	2413	2414	rBV3	209981	418368	20.19%	1.396%
58	16.171	2414	2420	2430	rVB	750145	1664991	80.36%	5.557%
59	16.259	2431	2435	2440	rBV4	71362	110487	5.33%	0.369%
60	16.347	2441	2450	2456	rBV3	177294	473359	22.85%	1.580%
61	16.506	2465	2477	2489	rBV2	571466	1561738	75.38%	5.213%
62	16.618	2492	2496	2501	rVB3	56817	91116	4.40%	0.304%
63	16.712	2502	2512	2518	rBV3	310252	798774	38.55%	2.666%
64	16.783	2518	2524	2525	rBV2	328499	458573	22.13%	1.531%

Sum of corrected areas: 29959886

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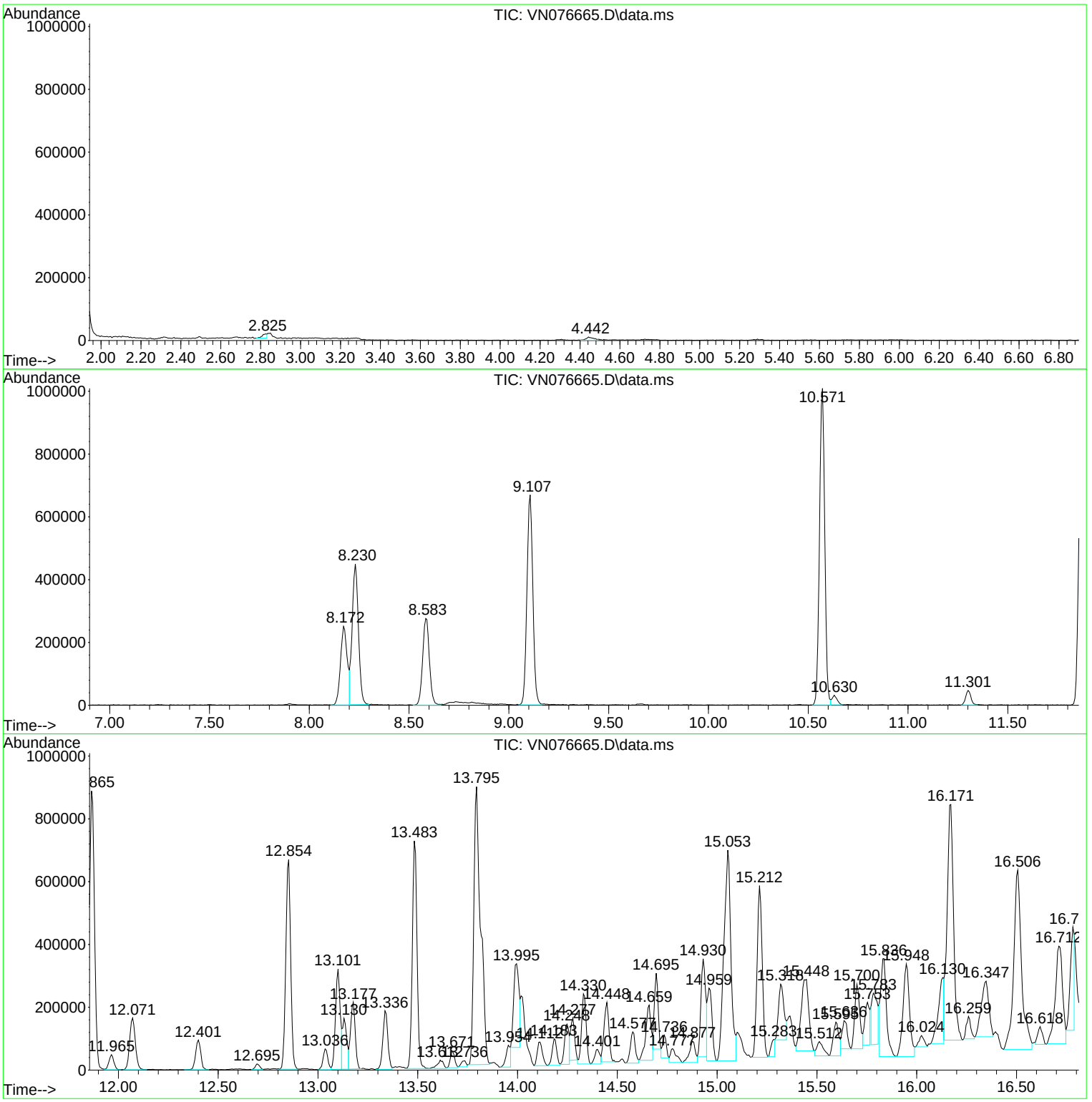
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1831

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
Data File : VN076665.D
Acq On : 14 Feb 2023 17:00
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MSVOA_N
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
Quant Title : SW846 8260

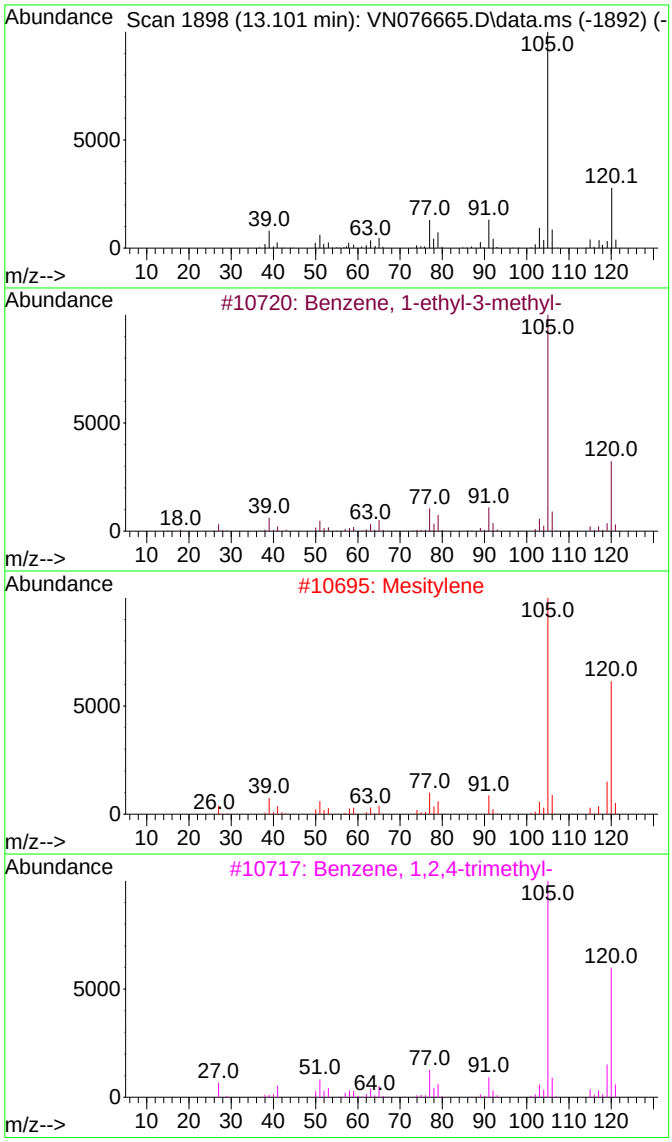
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

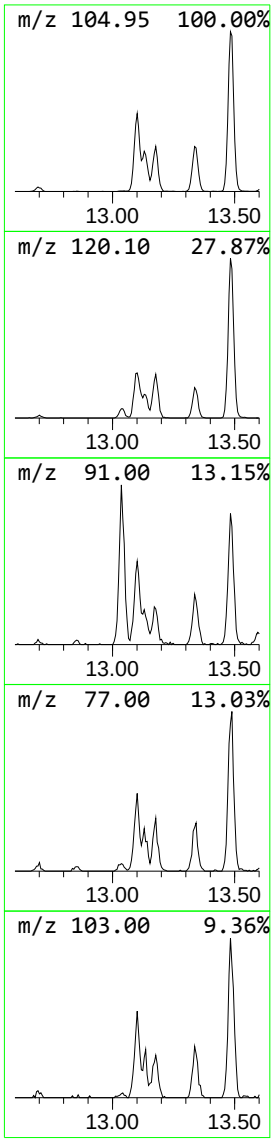
****

Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.101	12.79 ug/l	529802	1,4-Dichlorobenzene-d4	13.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
Data File : VN076665.D
Acq On : 14 Feb 2023 17:00
Operator : JC\MD
Sample : 01549-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1831

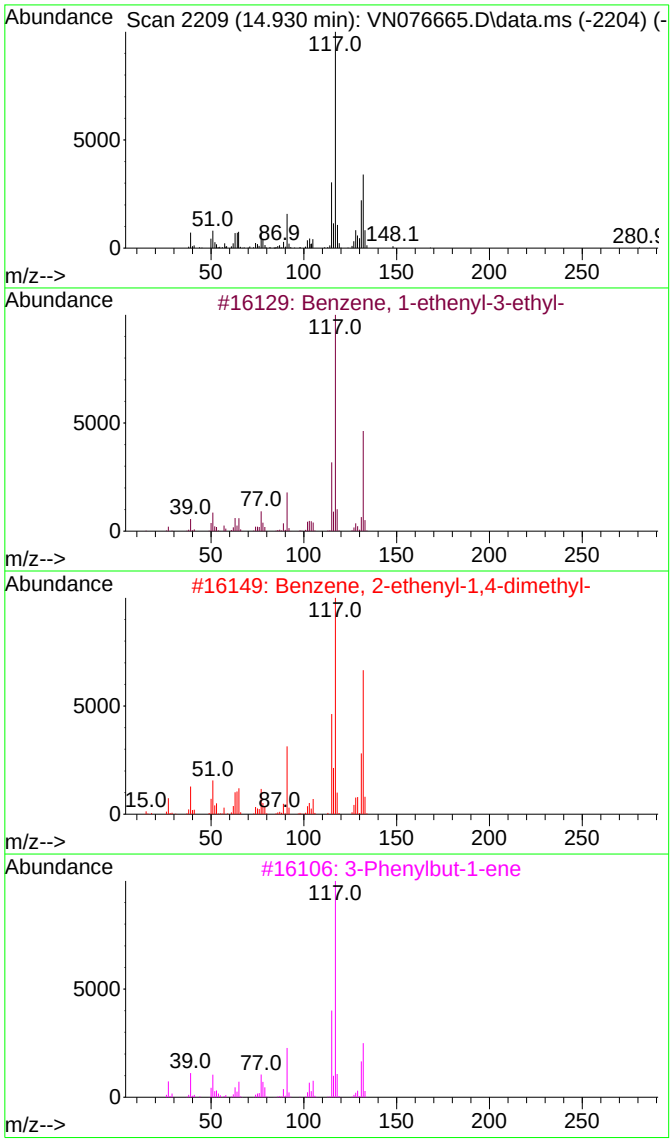
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
Quant Title : SW846 8260

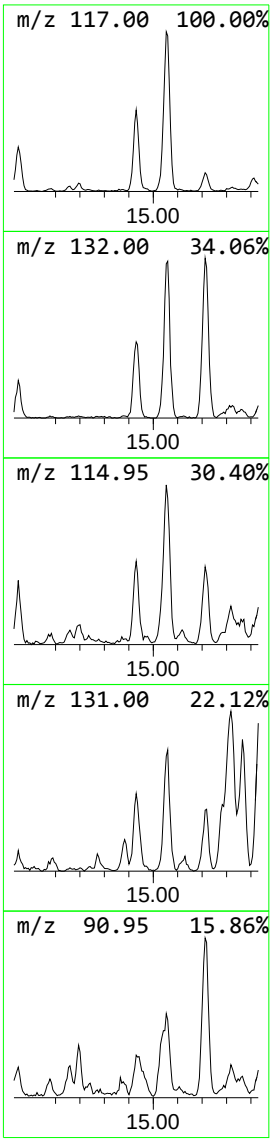
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.930	12.67 ug/l	525028	1,4-Dichlorobenzene-d4	13.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
Data File : VN076665.D
Acq On : 14 Feb 2023 17:00
Operator : JC\MD
Sample : 01549-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1831

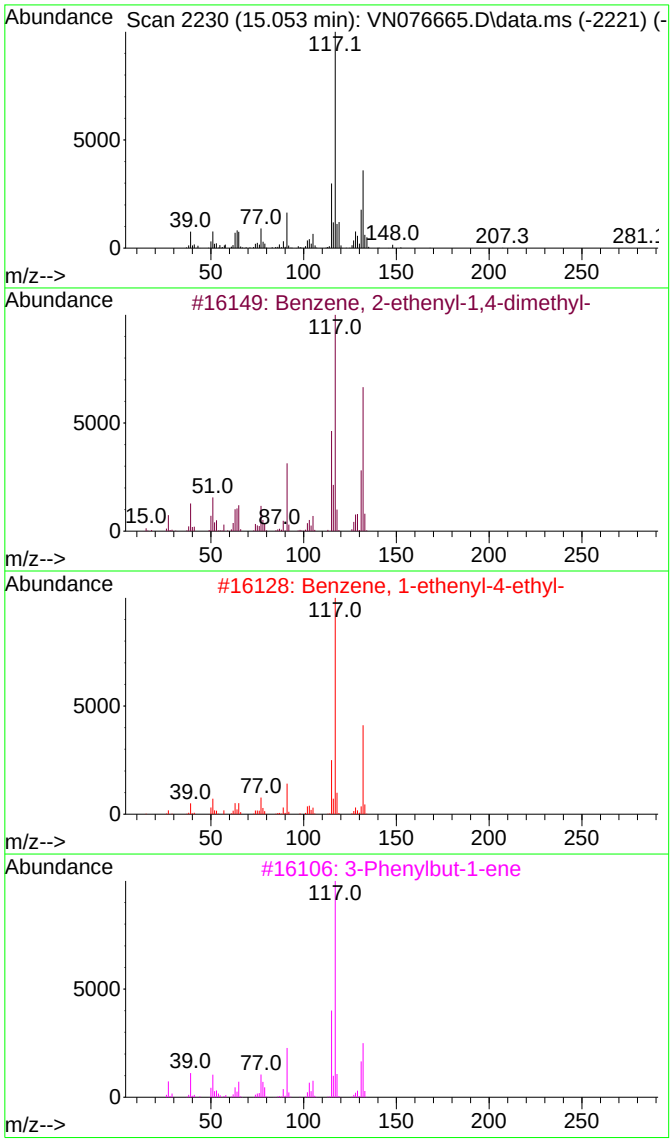
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
Quant Title : SW846 8260

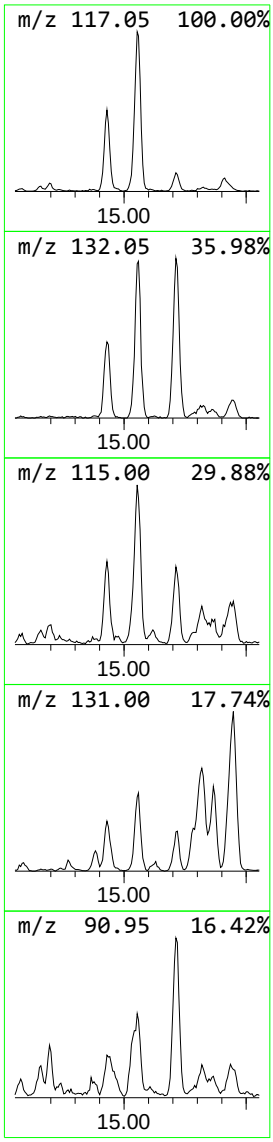
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.054	39.58 ug/l	1640180	1,4-Dichlorobenzene-d4	13.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	93
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
Data File : VN076665.D
Acq On : 14 Feb 2023 17:00
Operator : JC\MD
Sample : 01549-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1831

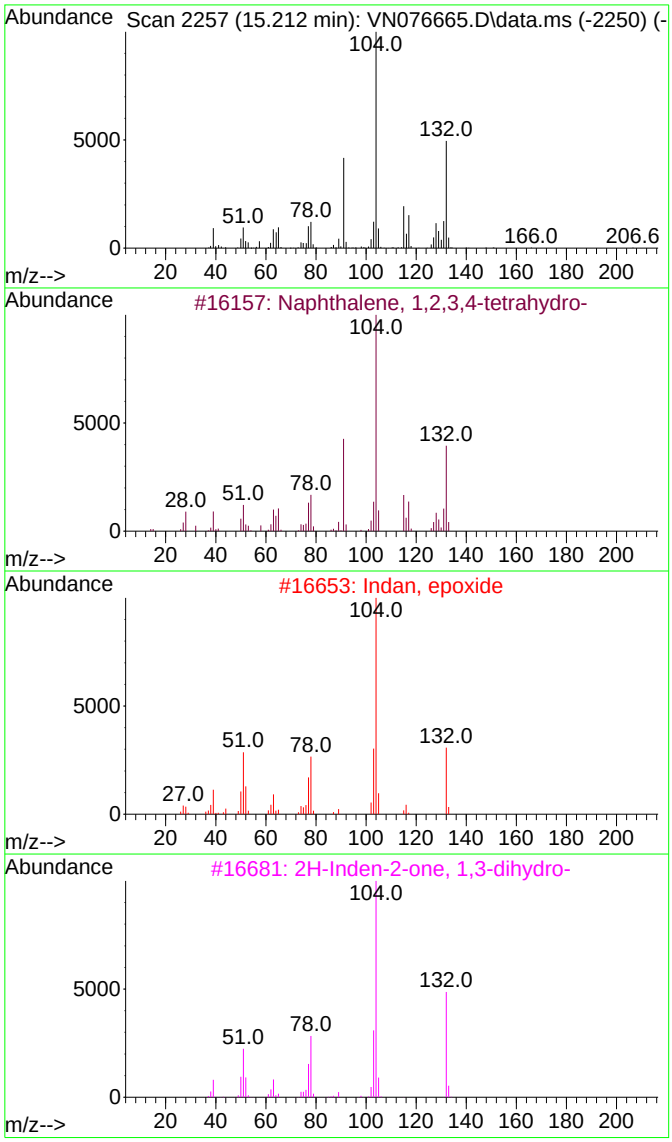
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
Quant Title : SW846 8260

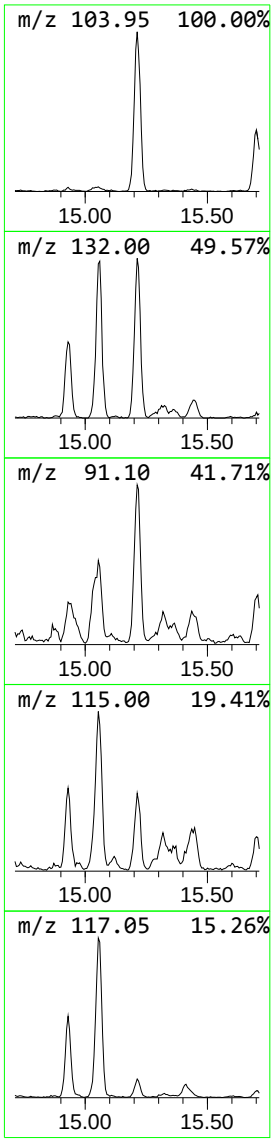
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.212	23.82 ug/l	986858	1,4-Dichlorobenzene-d4	13.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2	Indan, epoxide	132	C9H8O	000768-22-9	53
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	50
4	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	46
5	Benzene, cyclobutyl-	132	C10H12	004392-30-7	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
Data File : VN076665.D
Acq On : 14 Feb 2023 17:00
Operator : JC\MD
Sample : 01549-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1831

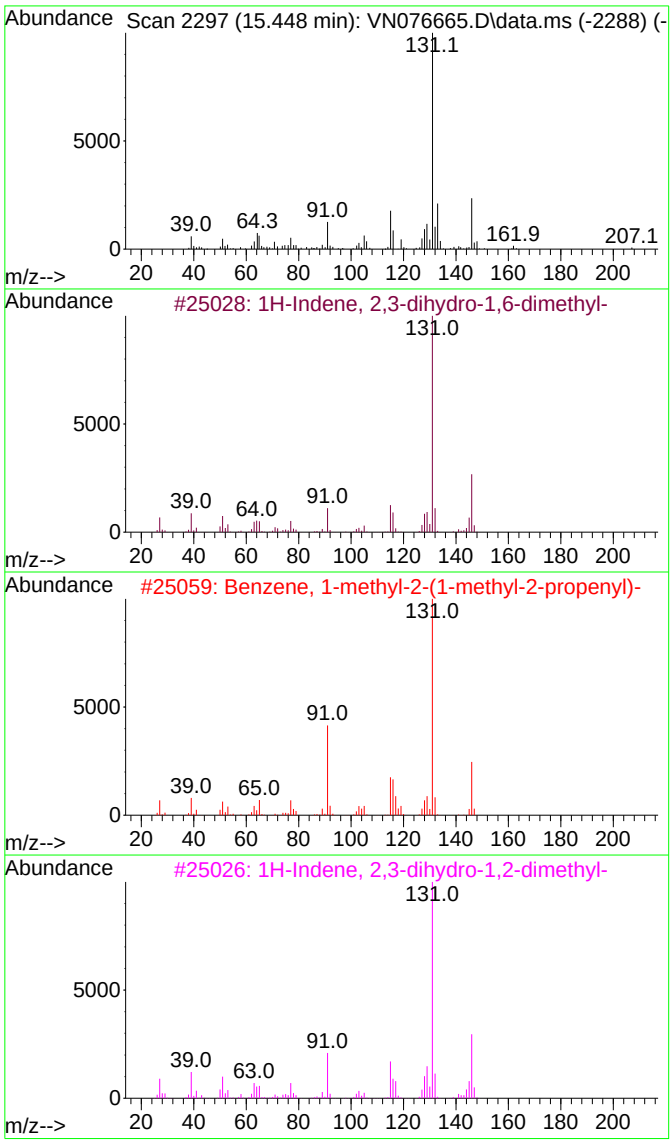
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
Quant Title : SW846 8260

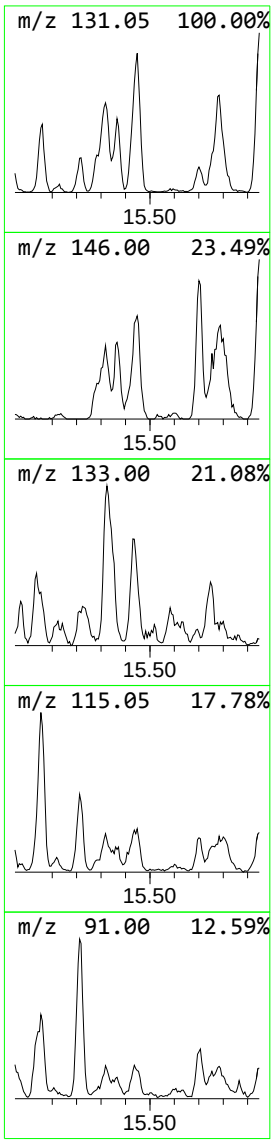
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.448	14.77 ug/l	612186	1,4-Dichlorobenzene-d4	13.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
2	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	81
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81





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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1831

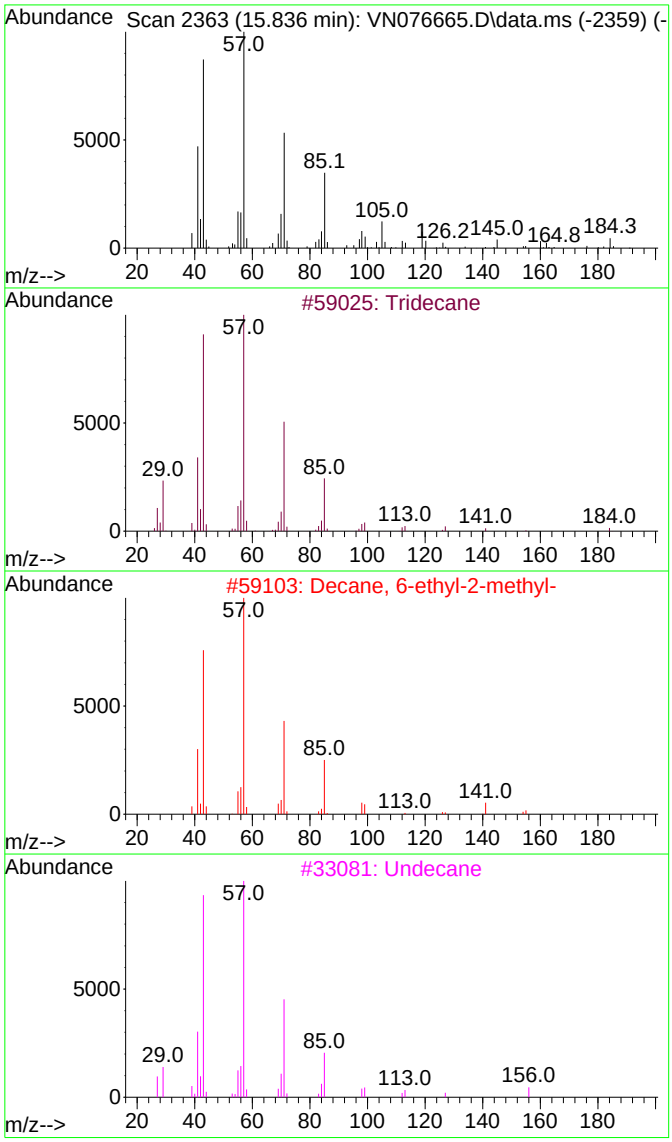
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
Quant Title : SW846 8260

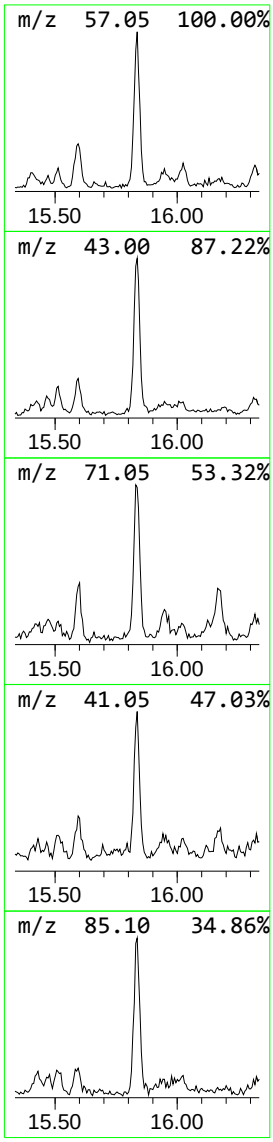
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.836	14.78 ug/l	612539	1,4-Dichlorobenzene-d4	13.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	81
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59
3	Undecane	156	C11H24	001120-21-4	59
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	53
5	Pentadecane	212	C15H32	000629-62-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
Data File : VN076665.D
Acq On : 14 Feb 2023 17:00
Operator : JC\MD
Sample : 01549-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1831

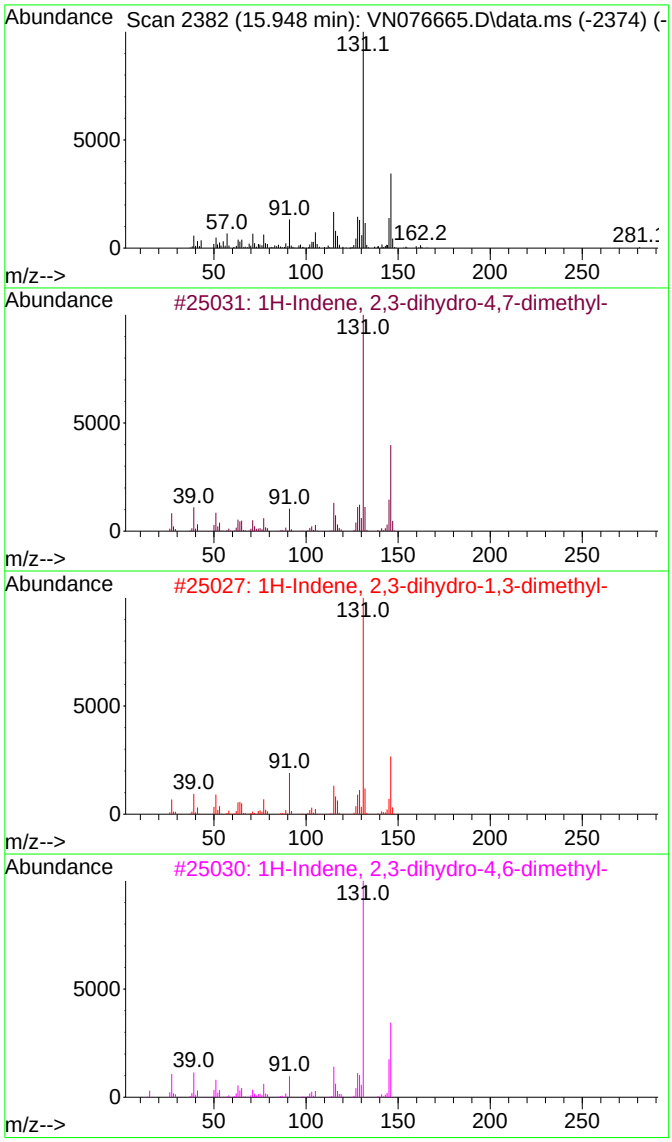
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
Quant Title : SW846 8260

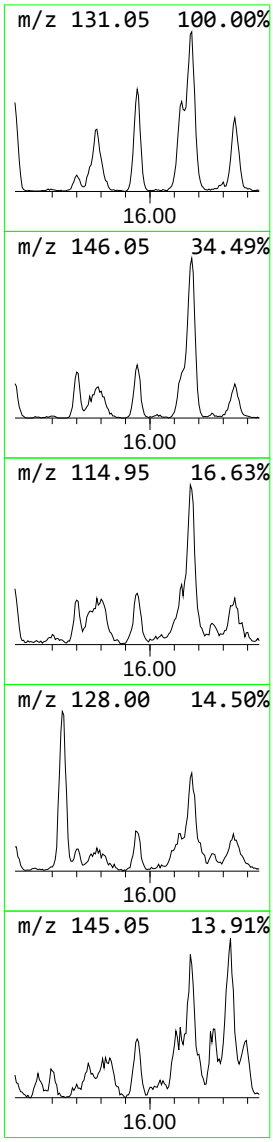
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.948	16.15 ug/l	669353	1,4-Dichlorobenzene-d4	13.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	95
3	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	93





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Data File : VN076665.D
Acq On : 14 Feb 2023 17:00
Operator : JC\MD
Sample : 01549-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1831

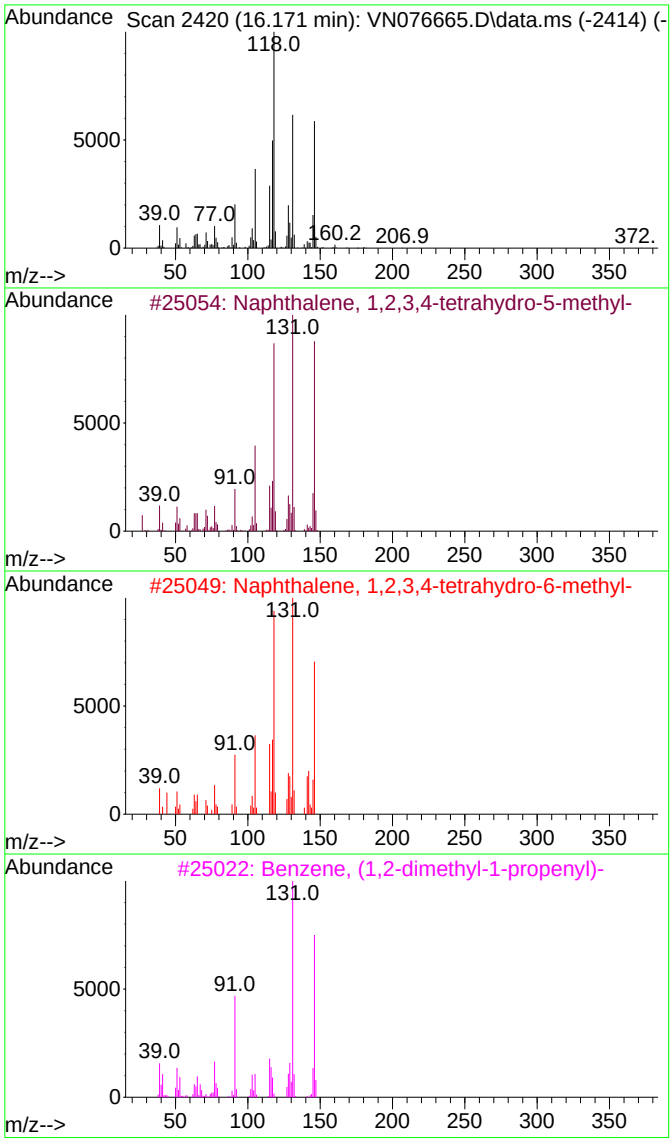
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
Quant Title : SW846 8260

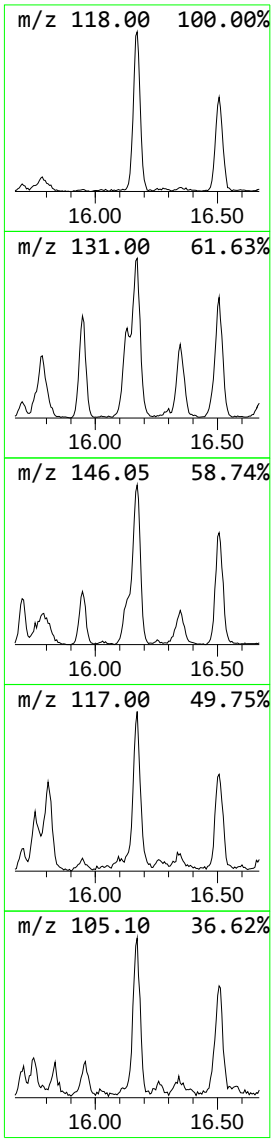
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.171	40.18 ug/l	1664990	1,4-Dichlorobenzene-d4	13.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	70
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	46
4	1H-Tetrazole, 5-phenyl-	146	C7H6N4	018039-42-4	38
5	7-Methylindan-1-one	146	C10H10O	039627-61-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
Data File : VN076665.D
Acq On : 14 Feb 2023 17:00
Operator : JC\MD
Sample : 01549-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1831

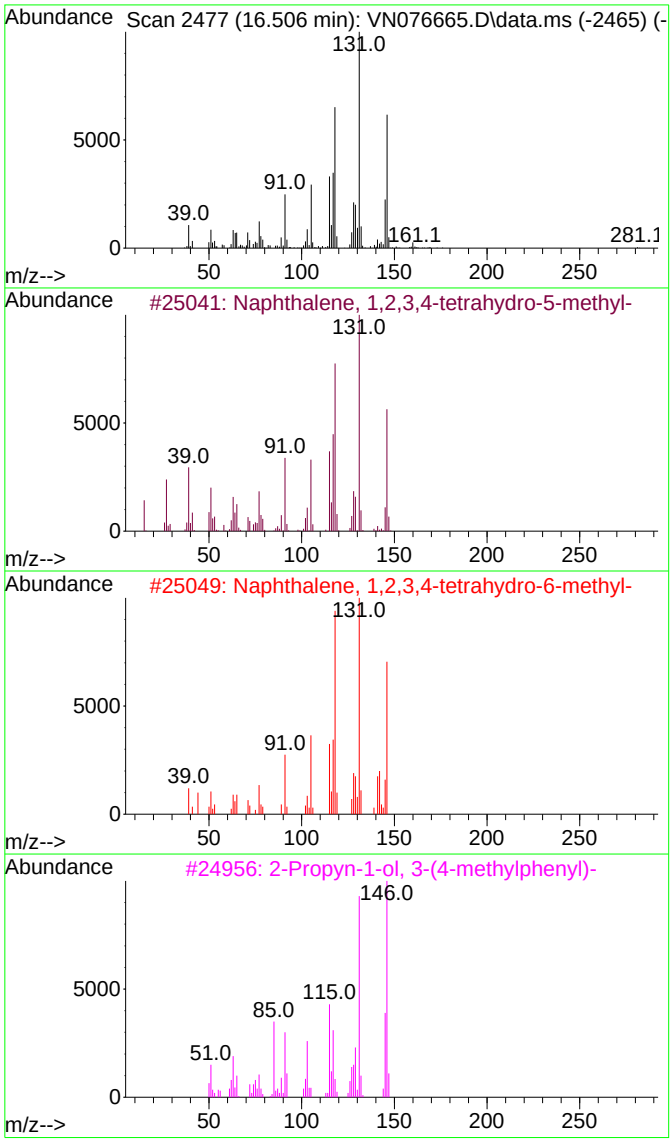
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
Quant Title : SW846 8260

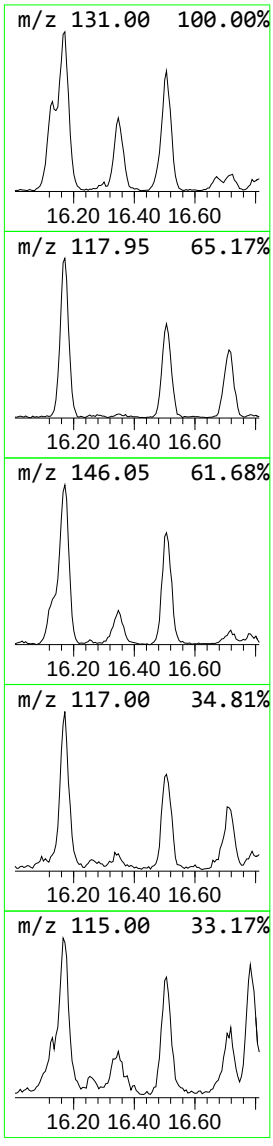
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.506	37.69 ug/l	1561740	1,4-Dichlorobenzene-d4	13.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	74
3	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	68
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	52
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
Data File : VN076665.D
Acq On : 14 Feb 2023 17:00
Operator : JC\MD
Sample : 01549-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1831

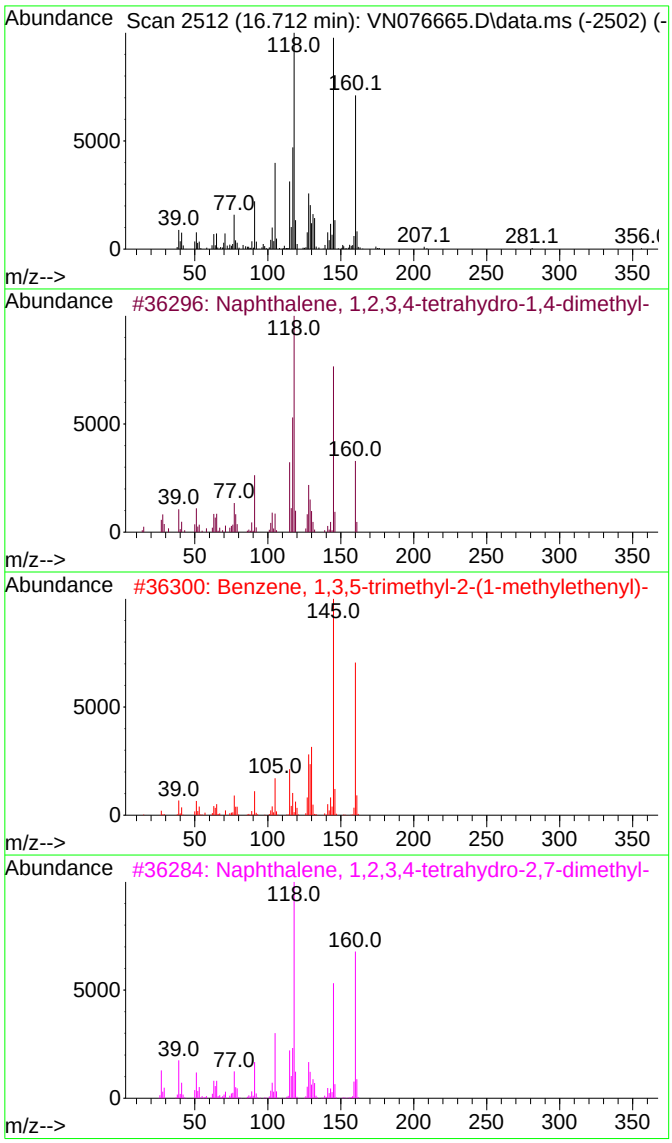
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
Quant Title : SW846 8260

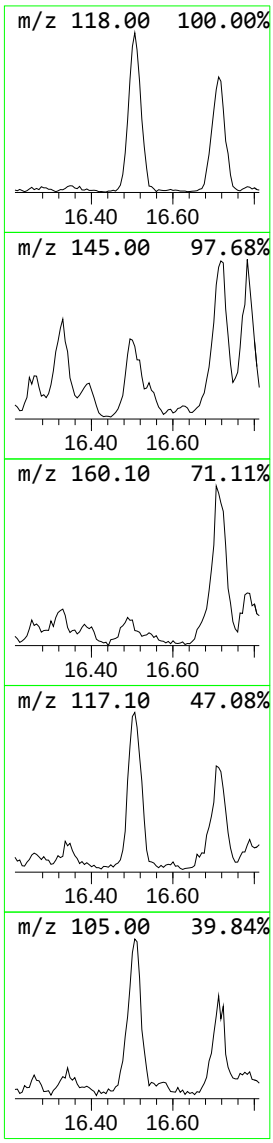
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.712	19.28 ug/l	798774	1,4-Dichlorobenzene-d4	13.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	96
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	78
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	76
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	70
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
Data File : VN076665.D
Acq On : 14 Feb 2023 17:00
Operator : JC\MD
Sample : 01549-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1831

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.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...	13.101	12.8	ug/l	529802	4	13.795	2071820	50.0
Benzene, 1-ethe...	14.930	12.7	ug/l	525028	4	13.795	2071820	50.0
Benzene, 2-ethe...	15.054	39.6	ug/l	1640180	4	13.795	2071820	50.0
Naphthalene, 1,...	15.212	23.8	ug/l	986858	4	13.795	2071820	50.0
1H-Indene, 2,3-...	15.448	14.8	ug/l	612186	4	13.795	2071820	50.0
Tridecane	15.836	14.8	ug/l	612539	4	13.795	2071820	50.0
1H-Indene, 2,3-...	15.948	16.1	ug/l	669353	4	13.795	2071820	50.0
Naphthalene, 1,...	16.171	40.2	ug/l	1664990	4	13.795	2071820	50.0
Naphthalene, 1,...	16.506	37.7	ug/l	1561740	4	13.795	2071820	50.0
Naphthalene, 1,...	16.712	19.3	ug/l	798774	4	13.795	2071820	50.0