LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052022\
Data File : VN072573.D
Acq On : 20 May 2022 13:35
Operator : JC\MD
Sample : N2965-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
31599

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\82N051822W.M
Title : SW846 8260

Signal : TIC: VN072573.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.240	37	43	45	rBV3	19512	31375	2.02%	0.232%
2	2.740	123	128	131	rBV4	10485	16955	1.09%	0.126%
3	4.287	381	391	401	rBV	60605	174544	11.26%	1.293%
4	8.022	1016	1026	1031	rBV	224238	557180	35.94%	4.126%
5	8.081	1031	1036	1047	rVB	400292	897630	57.90%	6.648%
6	8.433	1085	1096	1110	rBV	260679	607764	39.20%	4.501%
7	8.963	1176	1186	1202	rBV	509760	1042764	67.26%	7.723%
8	9.457	1264	1270	1277	rVB3	8582	15962	1.03%	0.118%
9	10.439	1428	1437	1443	rBV	846163	1550409	100.00%	11.482%
10	10.498	1443	1447	1458	rVB	134142	250183	16.14%	1.853%
11	11.739	1650	1658	1670	rBV	645911	1142055	73.66%	8.458%
12	11.839	1670	1675	1685	rVB	61238	102229	6.59%	0.757%
13	11.945	1685	1693	1703	rBV	184839	366933	23.67%	2.717%
14	12.274	1739	1749	1756	rBV2	141308	252959	16.32%	1.873%
15	12.569	1795	1799	1805	rBV3	12869	25002	1.61%	0.185%
16	12.727	1819	1826	1838	rVB	604016	1010860	65.20%	7.486%
17	12.916	1851	1858	1863	rBV	32252	53469	3.45%	0.396%
18	12.980	1863	1869	1872	rVV2	113292	200710	12.95%	1.486%
19	13.010	1872	1874	1877	rVV2	62659	93809	6.05%	0.695%
20	13.051	1877	1881	1887	rVV2	115884	206936	13.35%	1.533%
21	13.216	1901	1909	1915	rBV	88357	157918	10.19%	1.170%
22	13.280	1916	1920	1928	rVV7	14163	28180	1.82%	0.209%
23	13.363	1928	1934	1940	rVV	217261	338872	21.86%	2.510%
24	13.498	1950	1957	1961	rVB4	14699	21835	1.41%	0.162%
25	13.557	1961	1967	1971	rBV2	30847	49508	3.19%	0.367%
26	13.610	1971	1976	1979	rBV4	20152	35776	2.31%	0.265%
27	13.668	1979	1986	1997	rBV2	561102	1140711	73.57%	8.448%
28	13.763	1999	2002	2008	rVB2	31705	49420	3.19%	0.366%
29	13.833	2010	2014	2015	rBV2	20135	24800	1.60%	0.184%
30	13.868	2015	2020	2023	rVV2	83853	138541	8.94%	1.026%
31	13.898	2023	2025	2030	rVB2	44520	69550	4.49%	0.515%
32	13.986	2036	2040	2047	rBV2	91909	148730	9.59%	1.101%
33	14.063	2047	2053	2059	rVV2	34449	61401	3.96%	0.455%
34	14.127	2059	2064	2066	rVV2	31816	52253	3.37%	0.387%
35	14.151	2066	2068	2073	rVB	37580	53001	3.42%	0.393%
36	14.210	2073	2078	2083	rBV2	57941	83785	5.40%	0.620%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052022\
Data File : VN072573.D
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Operator : JC\MD
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
31599

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\82N051822W.M
Title : SW846 8260

37	14.321	2092	2097	2102	rVB2	75594	116680	7.53%	0.864%
38	14.457	2114	2120	2124	rBV2	37804	68833	4.44%	0.510%
39	14.504	2124	2128	2131	rVV5	28434	50615	3.26%	0.375%
40	14.539	2131	2134	2137	rVV4	32469	50787	3.28%	0.376%
41	14.574	2137	2140	2144	rVB	49734	66358	4.28%	0.491%
42	14.615	2144	2147	2151	rVB4	24742	32883	2.12%	0.244%
43	14.662	2151	2155	2161	rVB7	21417	38968	2.51%	0.289%
44	14.757	2167	2171	2174	rVB4	15659	22458	1.45%	0.166%
45	14.804	2174	2179	2182	rBV2	56131	91694	5.91%	0.679%
46	14.839	2182	2185	2192	rVB2	84569	132712	8.56%	0.983%
47	14.927	2192	2200	2205	rBV2	151791	360757	23.27%	2.672%
48	15.080	2220	2226	2234	rVB	98233	181622	11.71%	1.345%
49	15.186	2239	2244	2249	rVV5	40870	81208	5.24%	0.601%
50	15.227	2249	2251	2256	rVV4	22899	39582	2.55%	0.293%
51	15.310	2259	2265	2272	rVB4	43972	107867	6.96%	0.799%
52	15.462	2285	2291	2294	rBV5	26637	54871	3.54%	0.406%
53	15.498	2294	2297	2302	rVV	31075	56399	3.64%	0.418%
54	15.562	2302	2308	2312	rVV3	35515	72978	4.71%	0.540%
55	15.615	2312	2317	2318	rVV5	30086	48363	3.12%	0.358%
56	15.633	2318	2320	2326	rVV5	38574	79724	5.14%	0.590%
57	15.698	2326	2331	2340	rVB5	60643	130400	8.41%	0.966%
58	15.798	2340	2348	2355	rBV3	33135	87999	5.68%	0.652%
59	15.880	2358	2362	2367	rVB7	10940	17629	1.14%	0.131%
60	15.974	2371	2378	2380	rVV4	24428	48894	3.15%	0.362%
61	16.009	2380	2384	2395	rVB3	69774	143183	9.24%	1.060%
62	16.186	2407	2414	2421	rBV8	16682	41473	2.67%	0.307%
63	16.339	2431	2440	2447	rBV5	53418	138653	8.94%	1.027%
64	16.539	2468	2474	2482	rVV5	26271	58162	3.75%	0.431%
65	16.615	2482	2487	2491	rBV4	14800	27153	1.75%	0.201%

Sum of corrected areas: 13502914

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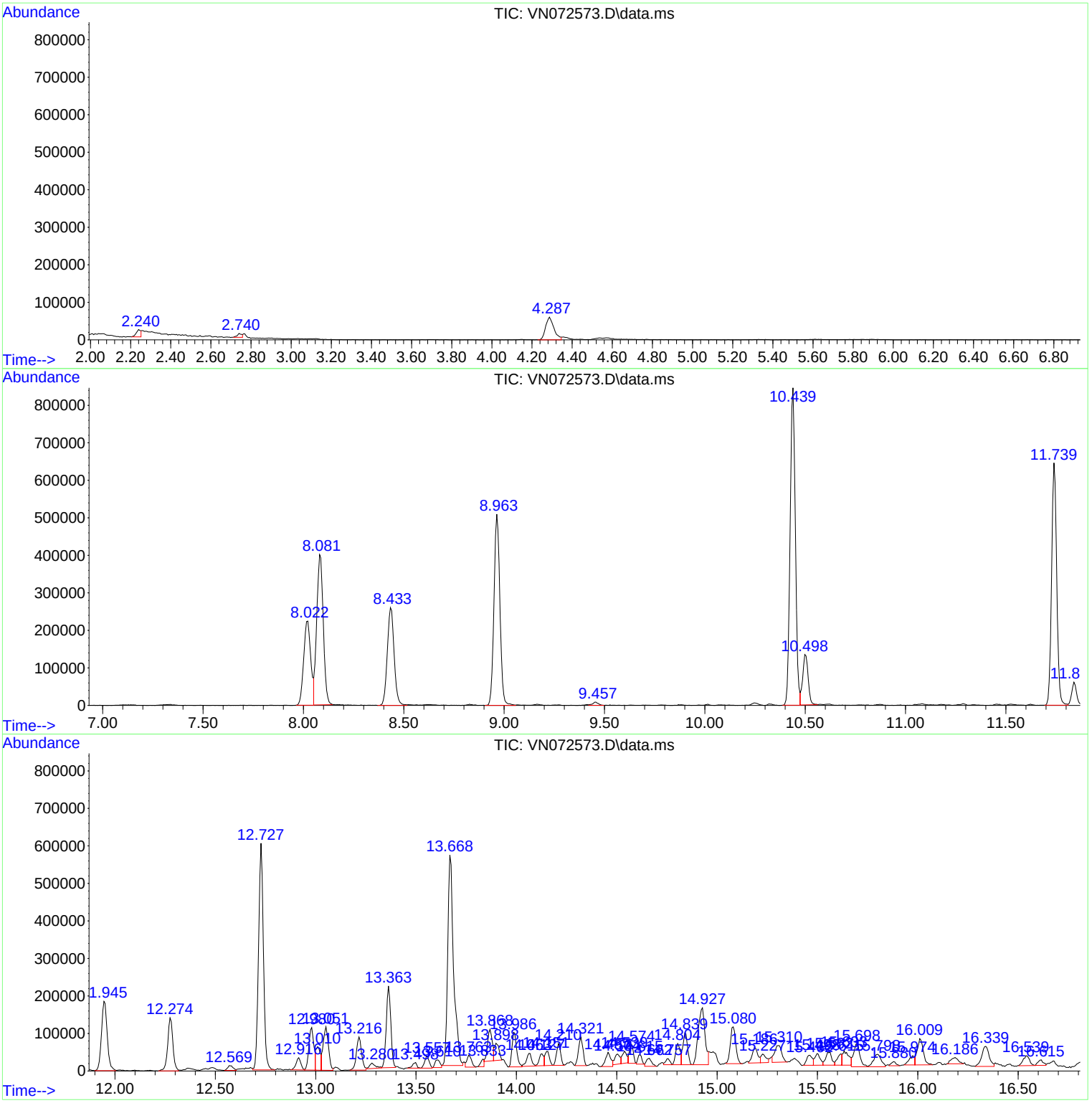
Instrument :
MSVOA_N
ClientSampleId :
31599

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260

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



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Data File : VN072573.D
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Operator : JC\MD
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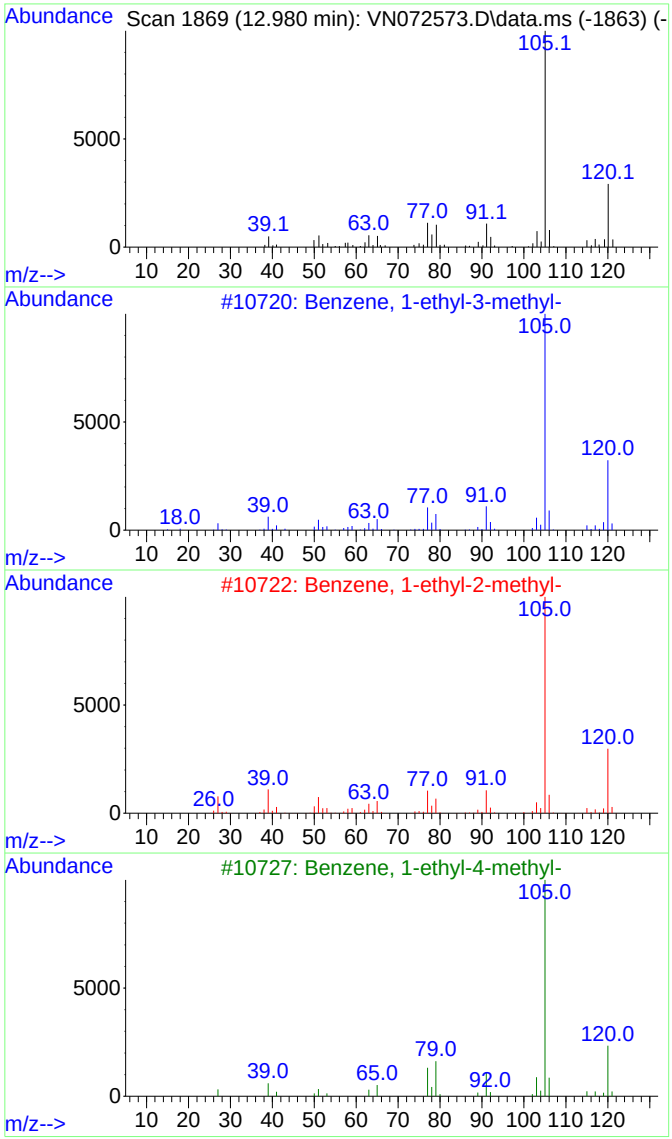
Quant Title : SW846 8260

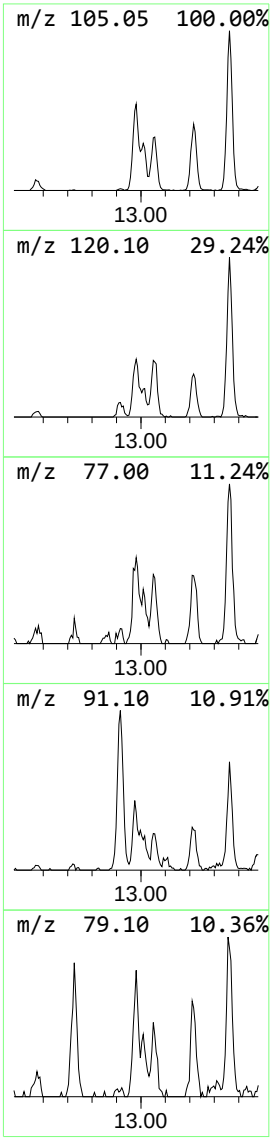
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	8.80 ug/l	200710	1,4-Dichlorobenzene-d4	13.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





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Data File : VN072573.D
Acq On : 20 May 2022 13:35
Operator : JC\MD
Sample : N2965-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
31599

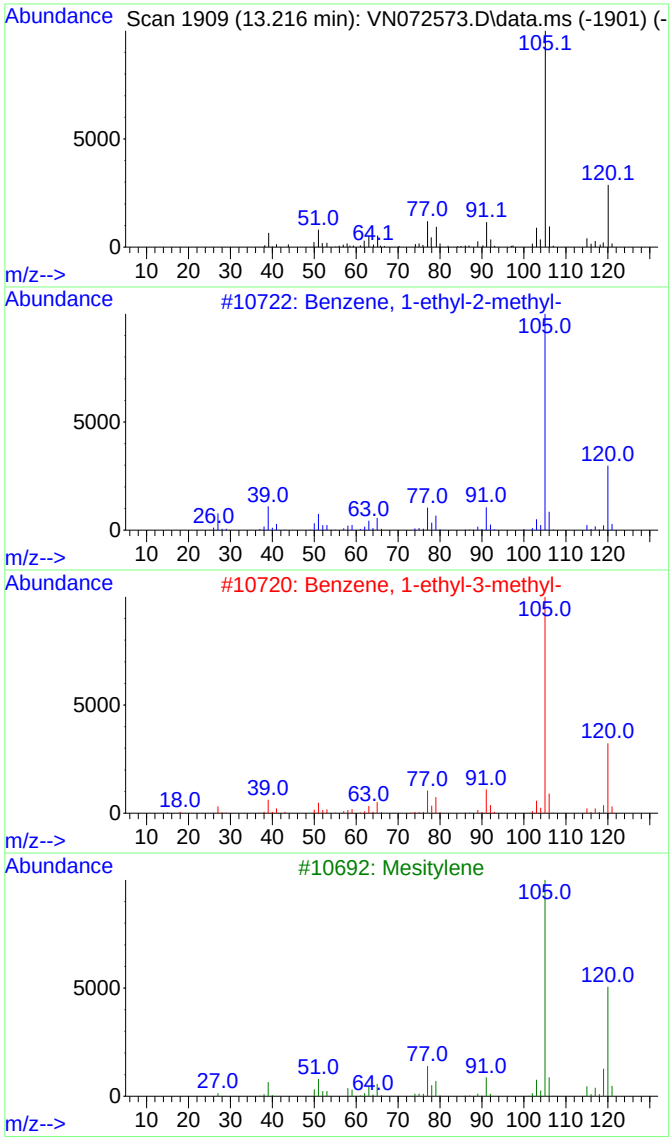
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260

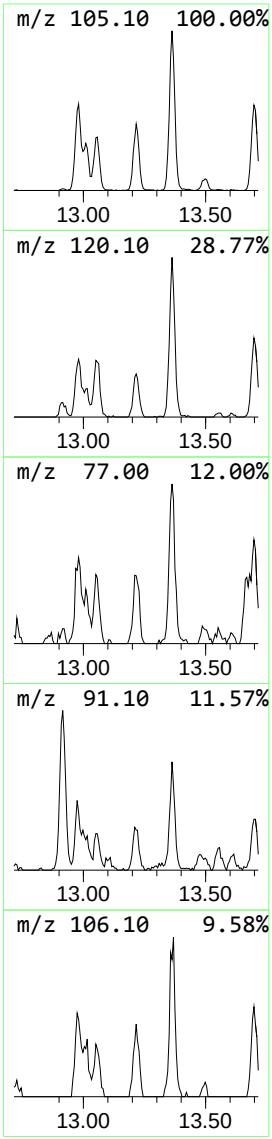
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.216	6.92 ug/l	157918	1,4-Dichlorobenzene-d4	13.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Data File : VN072573.D
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Operator : JC\MD
Sample : N2965-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
31599

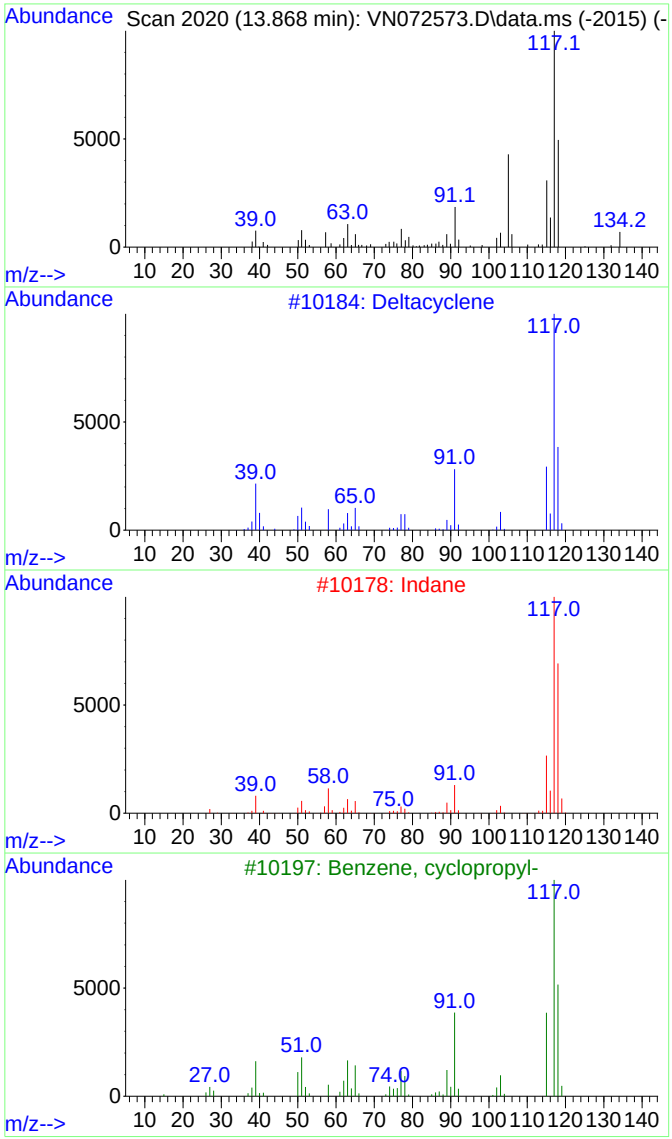
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260

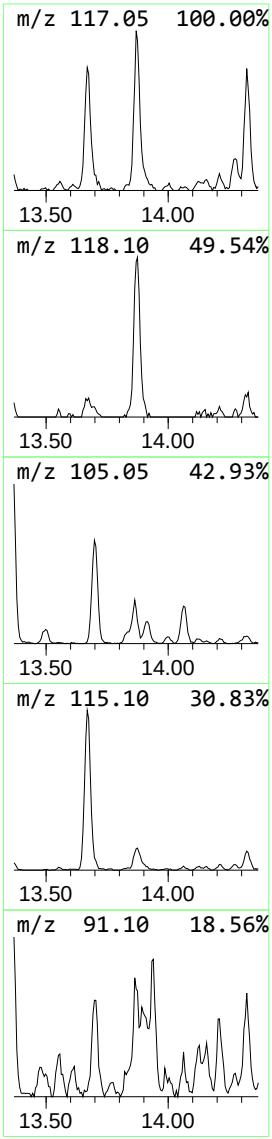
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.868	6.07 ug/l	138541	1,4-Dichlorobenzene-d4	13.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Deltacyclene	118	C9H10	007785-10-6	68
2	Indane	118	C9H10	000496-11-7	64
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	62
4	1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	58
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	55





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
31599

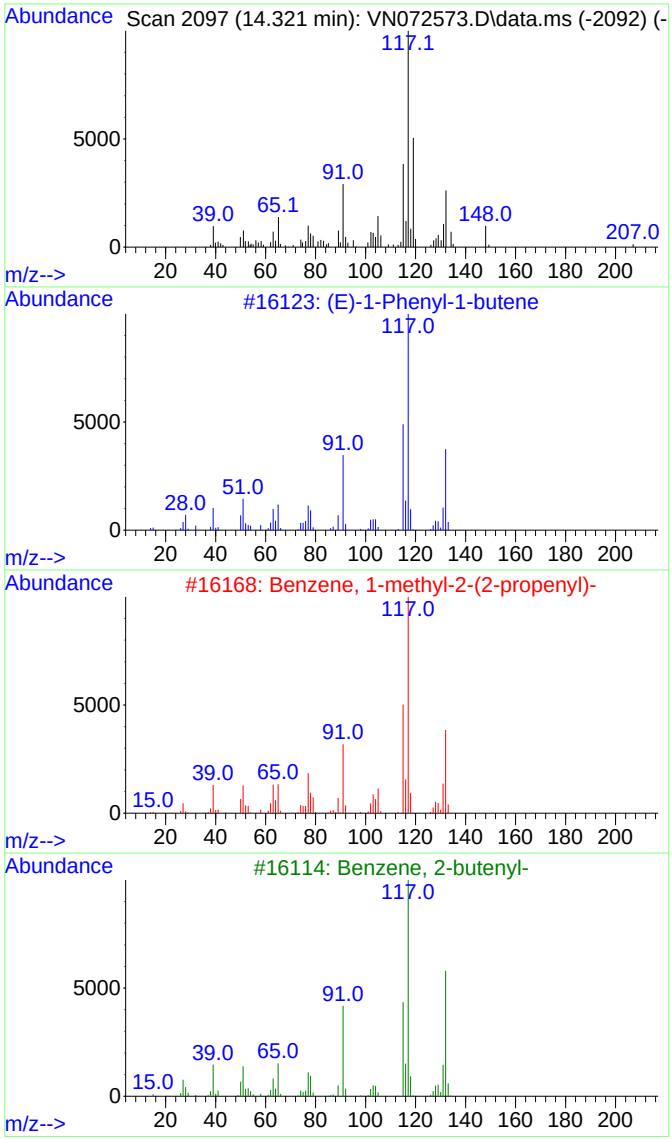
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260

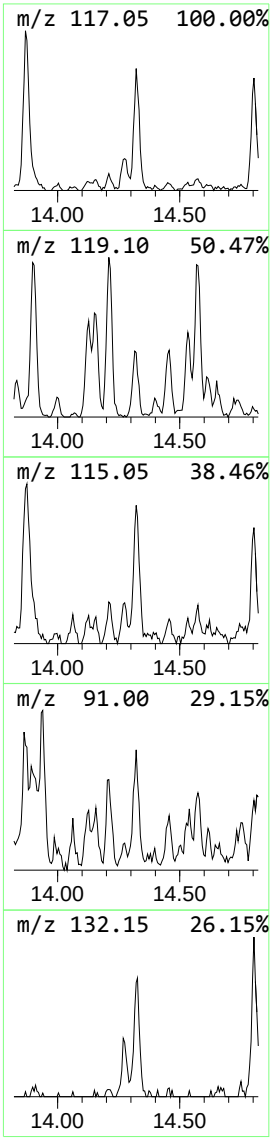
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (E)-1-Phenyl-1-butene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.321	5.11 ug/l	116680	1,4-Dichlorobenzene-d4	13.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	96
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	94
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	92
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	86
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70





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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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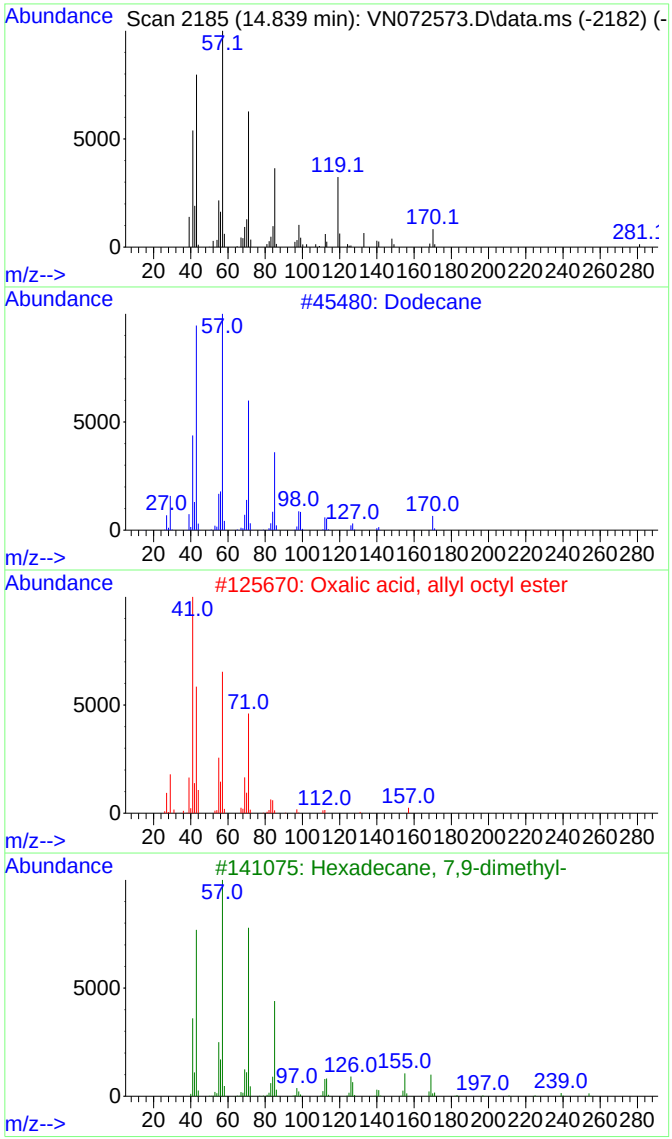
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260

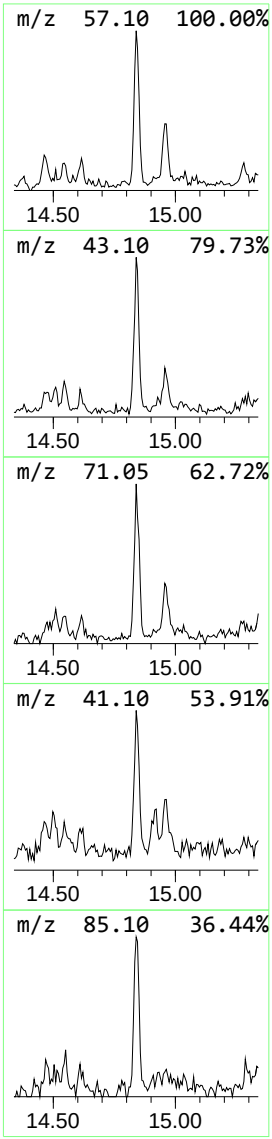
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.839	5.82 ug/l	132712	1,4-Dichlorobenzene-d4	13.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	76
2	Oxalic acid, allyl octyl ester	242	C13H22O4	1000309-23-6	47
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	47
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	43
5	Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	38





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
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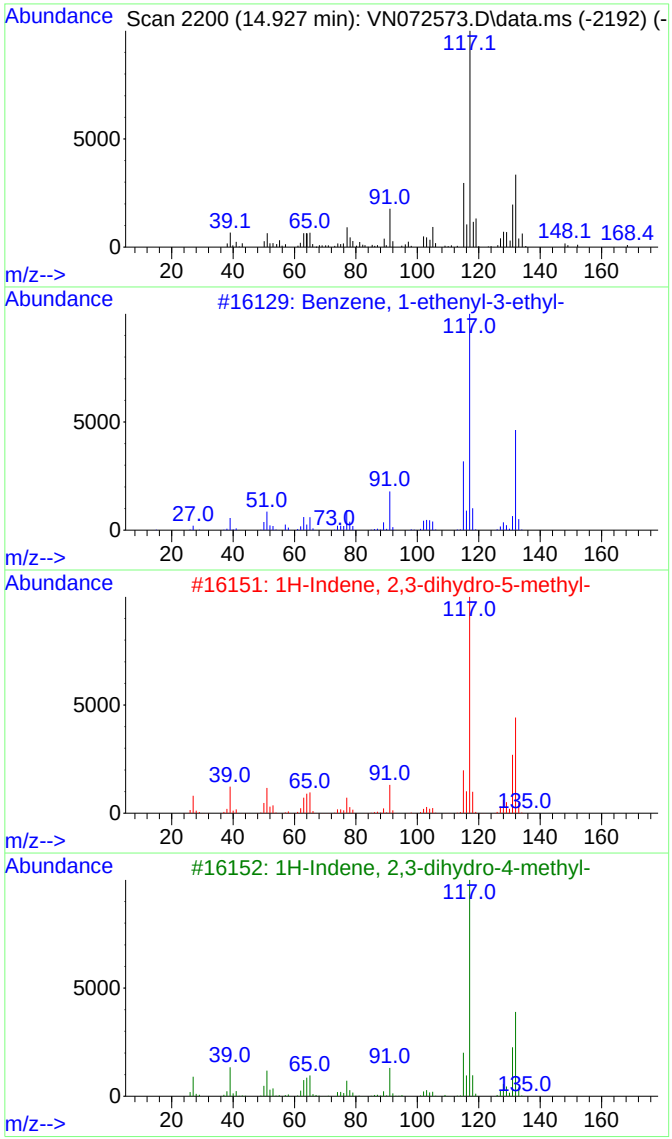
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260

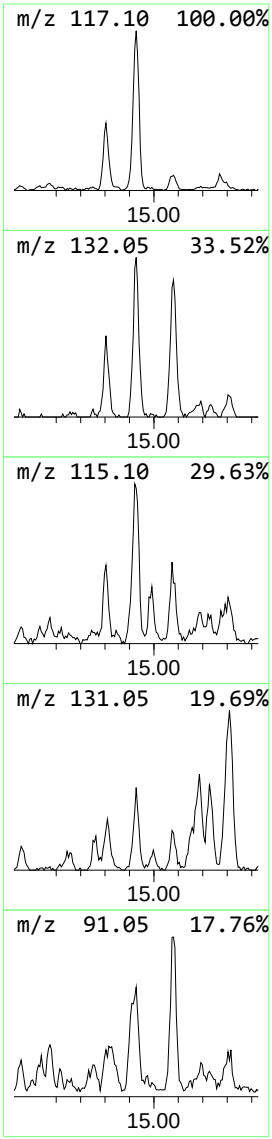
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.927	15.81 ug/l	360757	1,4-Dichlorobenzene-d4	13.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	93
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052022\
Data File : VN072573.D
Acq On : 20 May 2022 13:35
Operator : JC\MD
Sample : N2965-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
31599

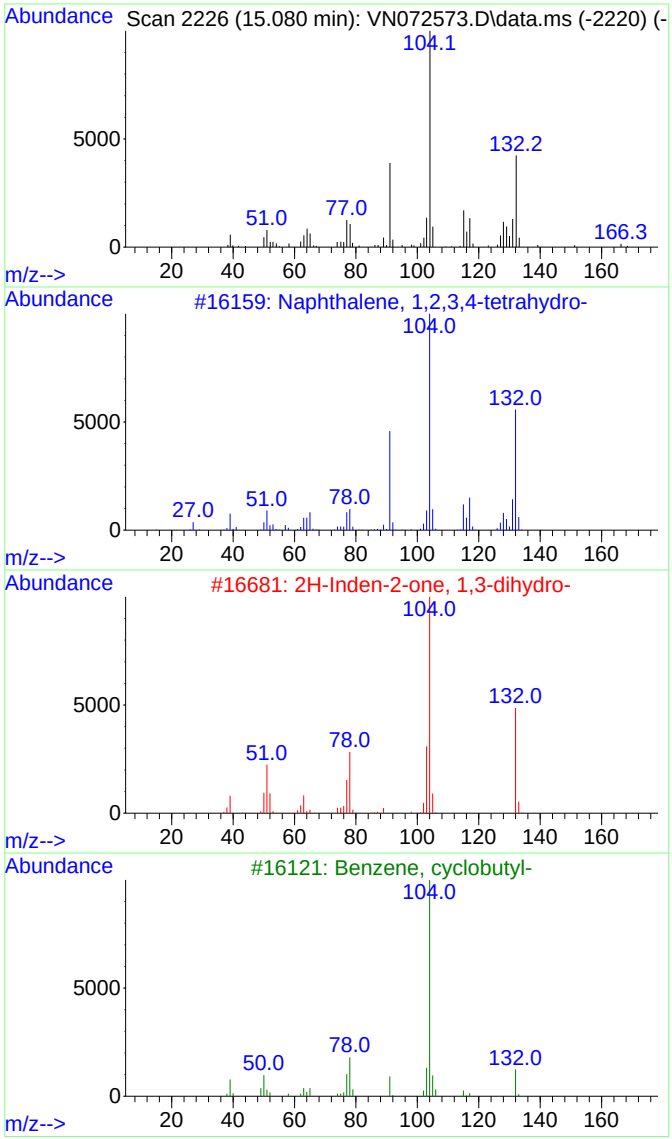
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260

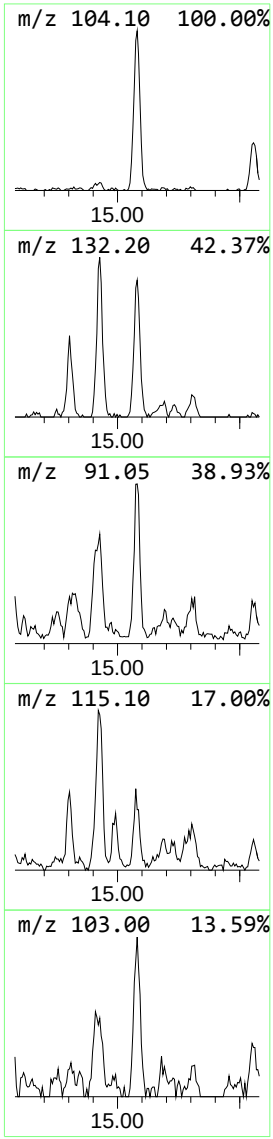
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.080	7.96 ug/l	181622	1,4-Dichlorobenzene-d4	13.668

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	58
3	Benzene, cyclobutyl-	132	C10H12	004392-30-7	53
4	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	53
5	Indan, epoxide	132	C9H8O	000768-22-9	52





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Data File : VN072573.D
Acq On : 20 May 2022 13:35
Operator : JC\MD
Sample : N2965-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
31599

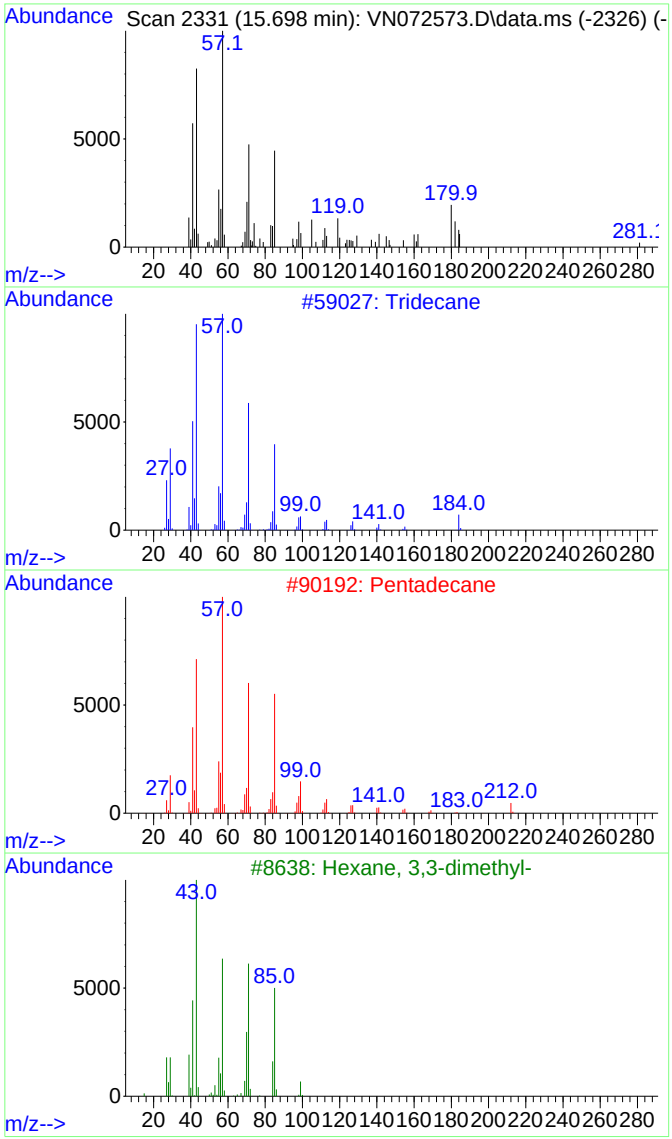
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260

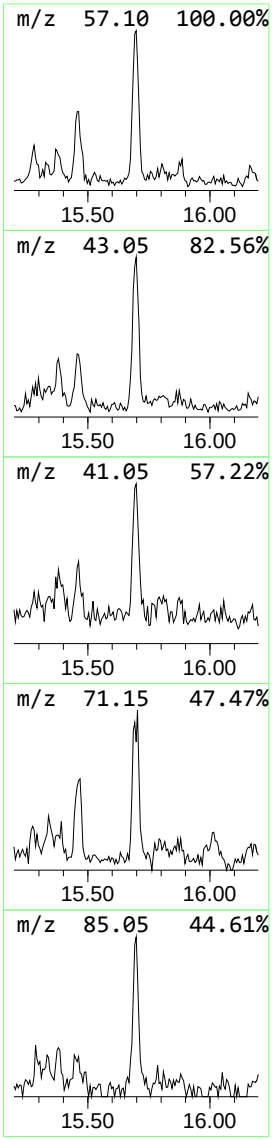
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.698	5.72 ug/l	130400	1,4-Dichlorobenzene-d4	13.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	58
2	Pentadecane	212	C15H32	000629-62-9	50
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	47
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	43
5	Undecane	156	C11H24	001120-21-4	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052022\
Data File : VN072573.D
Acq On : 20 May 2022 13:35
Operator : JC\MD
Sample : N2965-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
31599

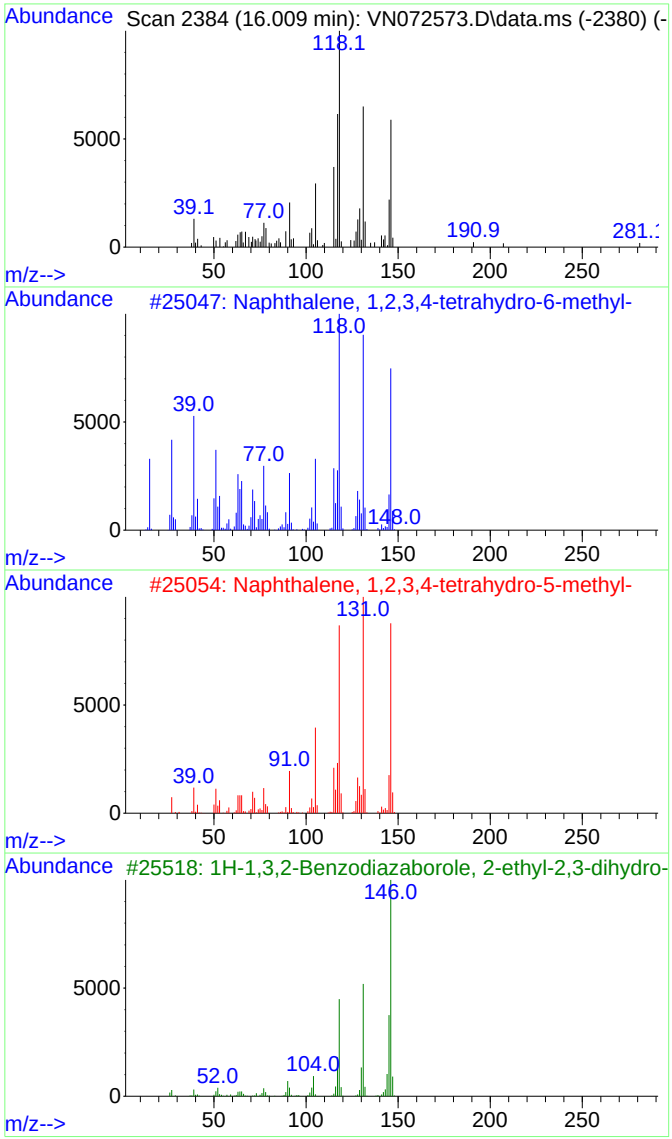
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260

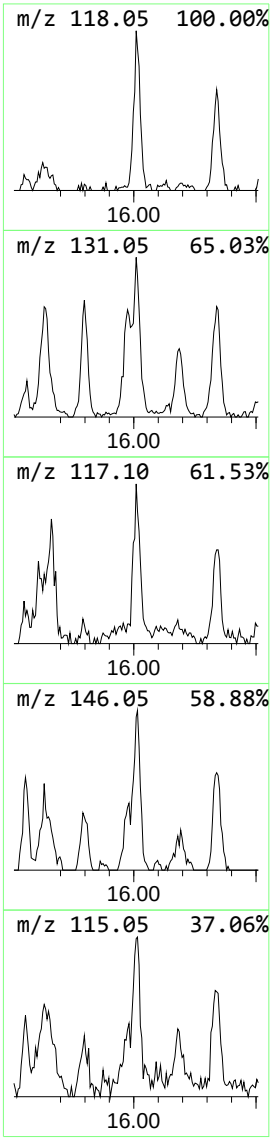
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.009	6.28 ug/l	143183	1,4-Dichlorobenzene-d4	13.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	80
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	72
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	58
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	45
5	3-Phenylpropyl benzoate	240	C16H16O2	060045-26-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052022\
Data File : VN072573.D
Acq On : 20 May 2022 13:35
Operator : JC\MD
Sample : N2965-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
31599

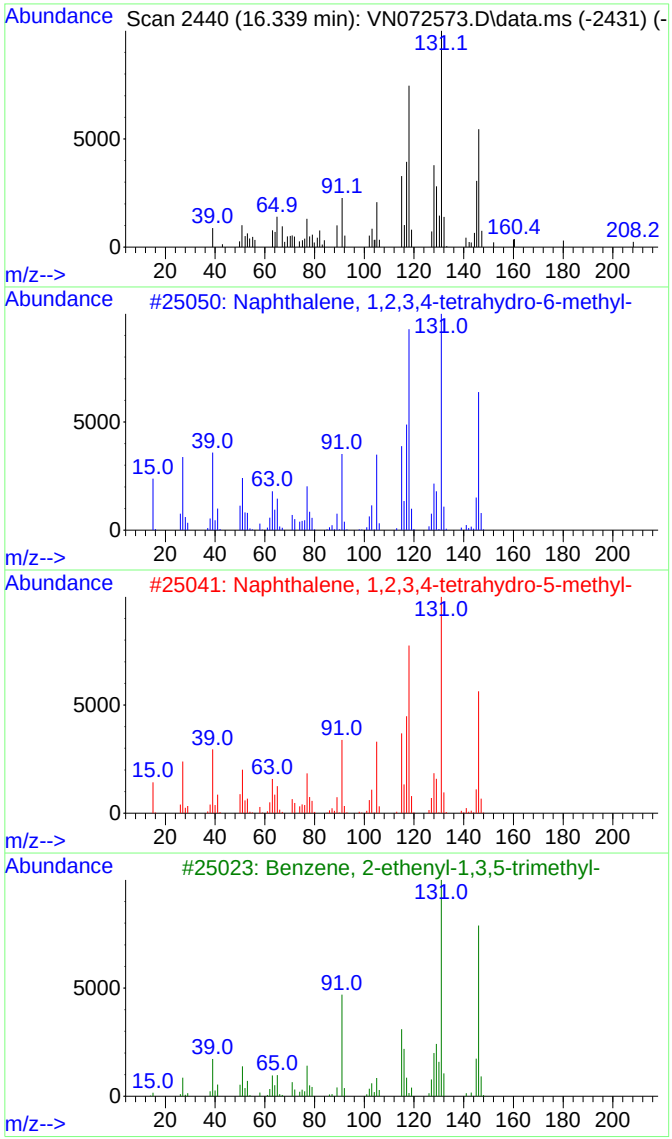
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260

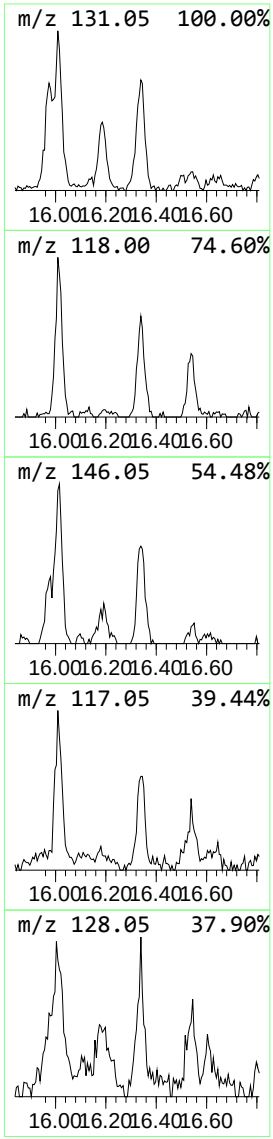
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.339	6.08 ug/l	138653	1,4-Dichlorobenzene-d4	13.668

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	87
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	55
4	1-Methylindan-2-one	146	C10H10O	035587-60-1	53
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052022\
Data File : VN072573.D
Acq On : 20 May 2022 13:35
Operator : JC\MD
Sample : N2965-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
31599

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.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...	12.980	8.8	ug/l	200710	4	13.668	1140710	50.0
Benzene, 1-ethy...	13.216	6.9	ug/l	157918	4	13.668	1140710	50.0
Indane	13.868	6.1	ug/l	138541	4	13.668	1140710	50.0
(E)-1-Phenyl-1-...	14.321	5.1	ug/l	116680	4	13.668	1140710	50.0
Dodecane	14.839	5.8	ug/l	132712	4	13.668	1140710	50.0
Benzene, 1-ethe...	14.927	15.8	ug/l	360757	4	13.668	1140710	50.0
Naphthalene, 1,...	15.080	8.0	ug/l	181622	4	13.668	1140710	50.0
Tridecane	15.698	5.7	ug/l	130400	4	13.668	1140710	50.0
Naphthalene, 1,...	16.009	6.3	ug/l	143183	4	13.668	1140710	50.0
Naphthalene, 1,...	16.339	6.1	ug/l	138653	4	13.668	1140710	50.0