LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022822\
Data File : VN071098.D
Acq On : 28 Feb 2022 16:06
Operator : JC\MD
Sample : N1689-01 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-38

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\82N021522W.M
Title : SW846 8260

Signal : TIC: VN071098.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.257	36	46	50	rBV3	41059	105100	1.00%	0.160%
2	2.440	68	77	84	rVB	115909	209292	1.99%	0.319%
3	3.128	186	194	216	rVB	203522	486896	4.63%	0.743%
4	3.522	251	261	274	rVB4	96282	322665	3.07%	0.492%
5	3.722	284	295	307	rVB	81956	210370	2.00%	0.321%
6	3.892	316	324	333	rBV3	43171	110963	1.06%	0.169%
7	3.998	333	342	358	rVB2	97977	263751	2.51%	0.402%
8	4.963	493	506	516	rBV	53501	181211	1.72%	0.276%
9	5.187	531	544	564	rVV5	90037	443448	4.22%	0.676%
10	5.357	564	573	589	rVB	66829	232642	2.21%	0.355%
11	5.616	601	617	629	rBV2	78570	278562	2.65%	0.425%
12	6.475	756	763	776	rVB5	41764	137645	1.31%	0.210%
13	7.145	851	877	887	rBV2	177346	592162	5.63%	0.903%
14	7.839	988	995	1005	rVB	46891	105584	1.00%	0.161%
15	8.016	1016	1025	1030	rBV	500024	1182839	11.26%	1.804%
16	8.080	1030	1036	1047	rVV	1131948	2688829	25.59%	4.101%
17	8.457	1086	1100	1114	rBV	4191092	10508894	100.00%	16.029%
18	8.586	1116	1122	1128	rVV4	42497	113024	1.08%	0.172%
19	8.963	1177	1186	1208	rBV	1490923	3134819	29.83%	4.781%
20	9.457	1265	1270	1278	rVB2	86124	185008	1.76%	0.282%
21	10.439	1428	1437	1443	rBV	2252549	4139615	39.39%	6.314%
22	10.498	1443	1447	1461	rVV	650558	1243421	11.83%	1.897%
23	10.639	1461	1471	1477	rVV	56696	118964	1.13%	0.181%
24	11.739	1649	1658	1668	rBV	1956625	3438513	32.72%	5.245%
25	11.839	1668	1675	1686	rVV	3214836	5419824	51.57%	8.267%
26	11.951	1686	1694	1711	rVB	3561472	6938582	66.03%	10.583%
27	12.274	1737	1749	1762	rBV	2869612	4848806	46.14%	7.396%
28	12.574	1793	1800	1807	rBV	184873	304918	2.90%	0.465%
29	12.727	1818	1826	1837	rBV	1675462	2848181	27.10%	4.344%
30	12.915	1852	1858	1863	rBV	374169	600822	5.72%	0.916%
31	12.980	1863	1869	1872	rVV	706048	1249789	11.89%	1.906%
32	13.010	1872	1874	1878	rVV	517483	735872	7.00%	1.122%
33	13.057	1878	1882	1889	rVB	471152	749043	7.13%	1.142%
34	13.215	1901	1909	1919	rBV	652438	1086347	10.34%	1.657%
35	13.362	1927	1934	1949	rVB	1959446	3147457	29.95%	4.801%
36	13.668	1980	1986	1990	rBV	1564737	2962231	28.19%	4.518%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-38

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\82N021522W.M
Title : SW846 8260

37	13.868	2015	2020	2036	rVV2	768267	1648133	15.68%	2.514%
38	14.062	2046	2053	2058	rVV2	67736	121500	1.16%	0.185%
39	14.127	2058	2064	2066	rVV	91026	142365	1.35%	0.217%
40	14.151	2066	2068	2073	rVV	72433	106703	1.02%	0.163%
41	14.215	2073	2079	2084	rVV	145084	232602	2.21%	0.355%
42	14.321	2092	2097	2106	rVB	168162	288350	2.74%	0.440%
43	14.533	2127	2133	2136	rBV	93020	148808	1.42%	0.227%
44	14.574	2136	2140	2145	rVB	99454	154906	1.47%	0.236%
45	14.804	2174	2179	2185	rBV	85773	136656	1.30%	0.208%
46	14.921	2191	2199	2206	rBV3	231023	508320	4.84%	0.775%
47	15.080	2220	2226	2234	rBV2	67619	113161	1.08%	0.173%
48	15.503	2291	2298	2305	rBV	332263	635895	6.05%	0.970%

Sum of corrected areas: 65563488

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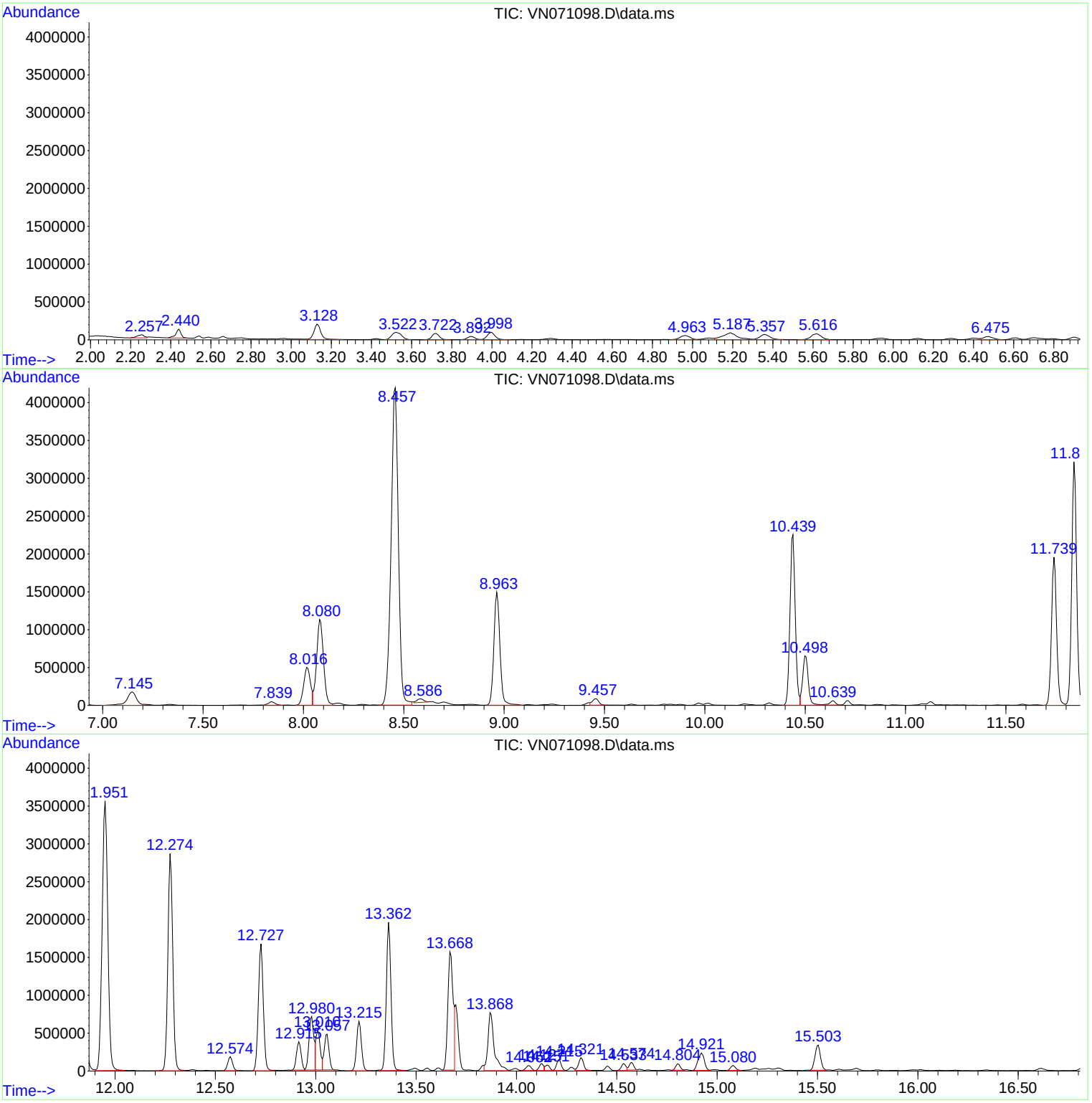
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-38

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022822\
Data File : VN071098.D
Acq On : 28 Feb 2022 16:06
Operator : JC\MD
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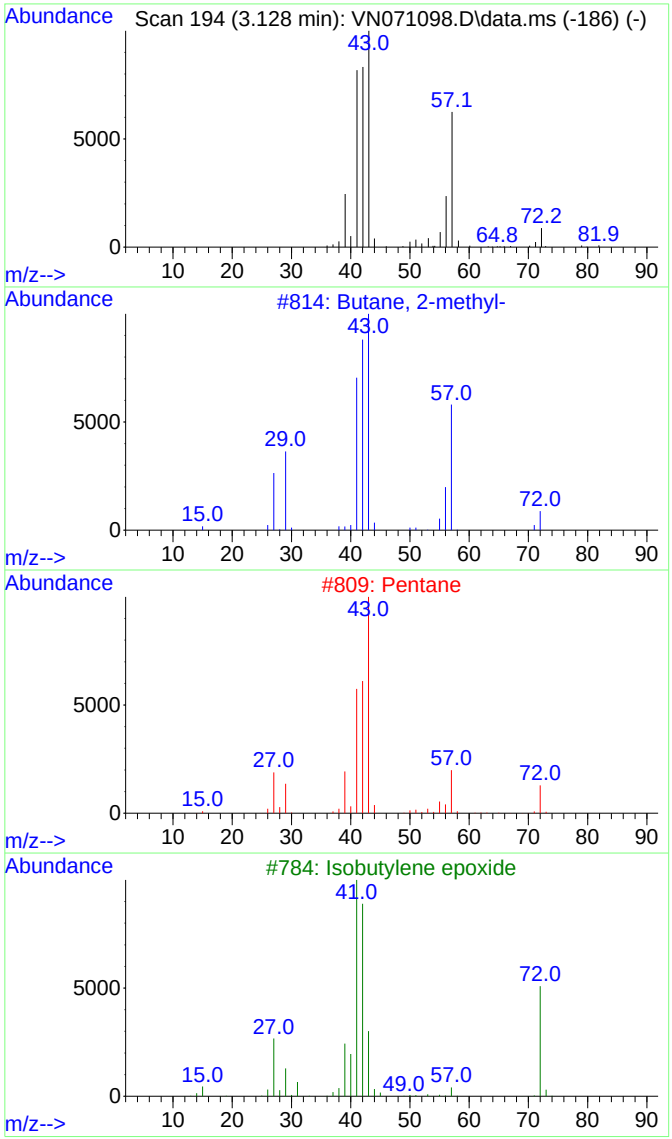
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
Quant Title : SW846 8260

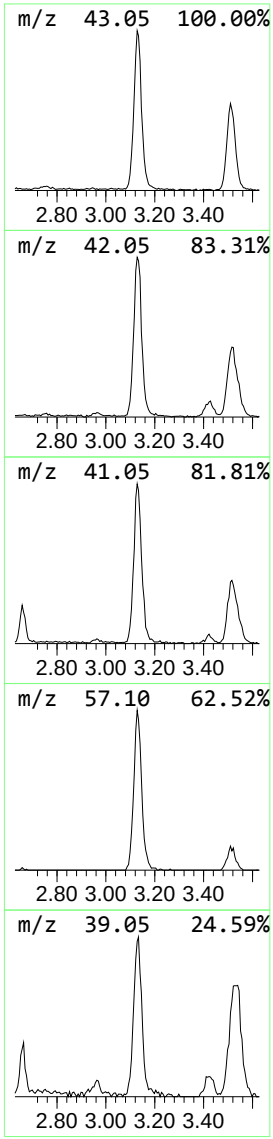
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.128	9.05 ug/l	486896	Pentafluorobenzene	8.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	87
2	Pentane	72	C5H12	000109-66-0	50
3	Isobutylene epoxide	72	C4H8O	000558-30-5	40
4	3-Buten-1-ol	72	C4H8O	000627-27-0	38
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	9





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Data File : VN071098.D
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Operator : JC\MD
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-38

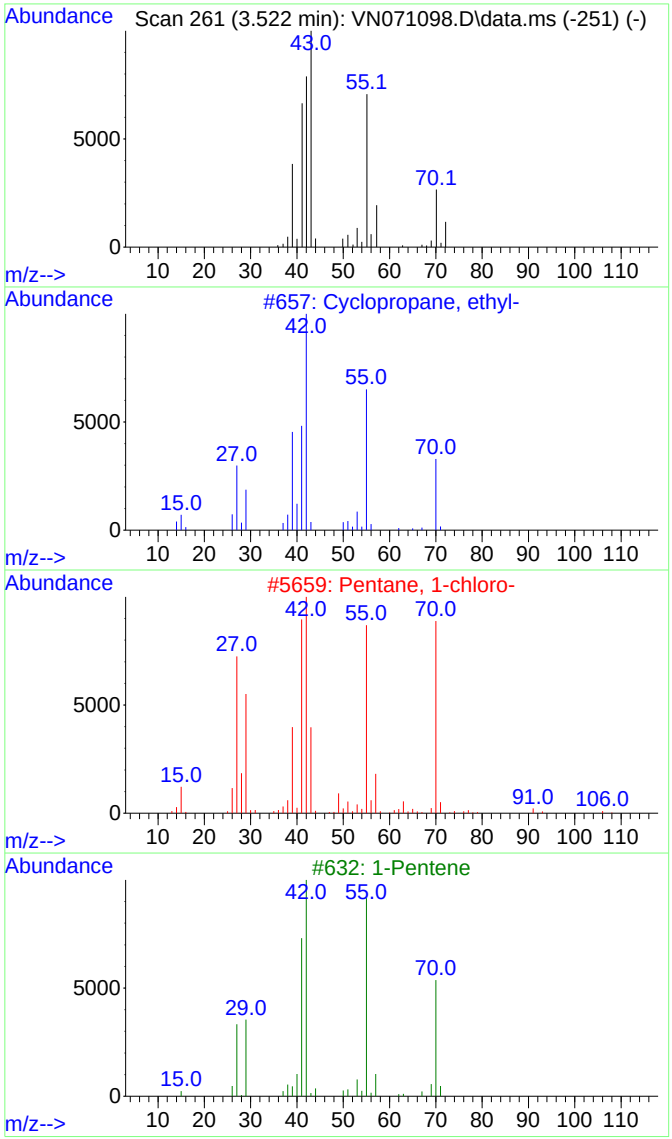
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
Quant Title : SW846 8260

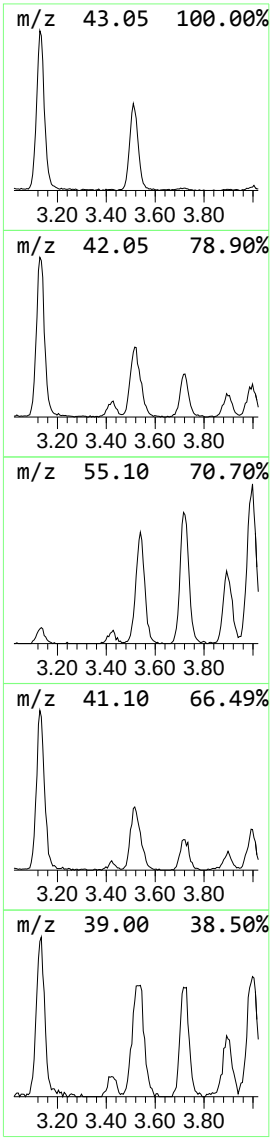
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclopropane, ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.522	6.00 ug/l	322665	Pentafluorobenzene	8.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	72
2	Pentane, 1-chloro-	106	C5H11Cl	000543-59-9	59
3	1-Pentene	70	C5H10	000109-67-1	55
4	Pentane	72	C5H12	000109-66-0	52
5	2-Pentene, (E)-	70	C5H10	000646-04-8	46





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Data File : VN071098.D
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Operator : JC\MD
Sample : N1689-01 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-38

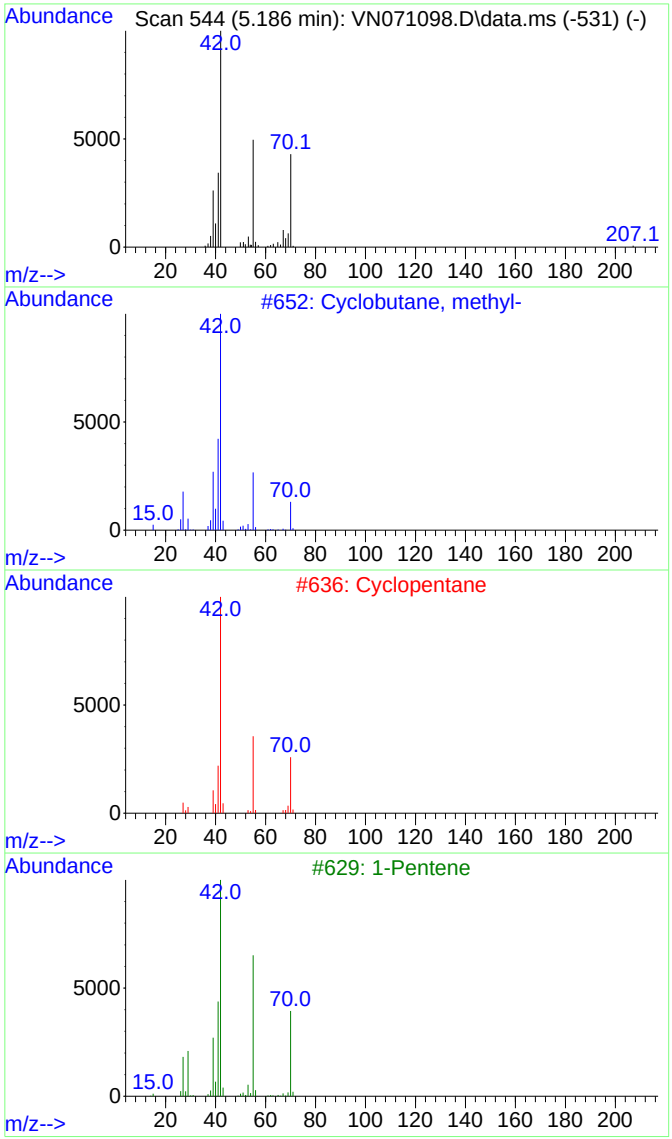
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
Quant Title : SW846 8260

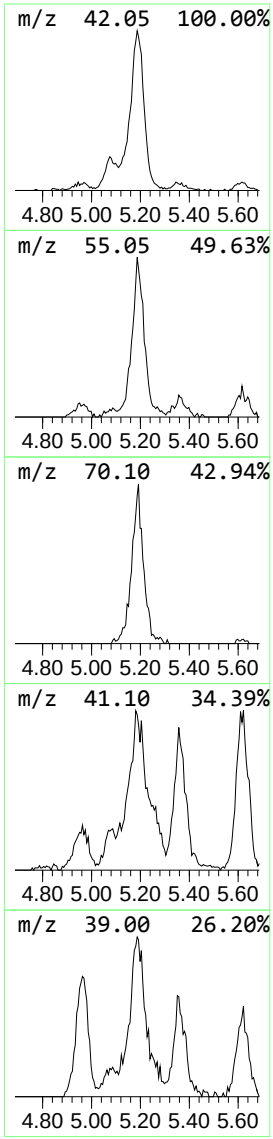
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclobutane, methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.186	8.25 ug/l	443448	Pentafluorobenzene	8.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, methyl-	70	C5H10	000598-61-8	86
2	Cyclopentane	70	C5H10	000287-92-3	86
3	1-Pentene	70	C5H10	000109-67-1	80
4	1-Pentanol	88	C5H12O	000071-41-0	40
5	3-Buten-1-ol	72	C4H8O	000627-27-0	38





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Data File : VN071098.D
Acq On : 28 Feb 2022 16:06
Operator : JC\MD
Sample : N1689-01 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-38

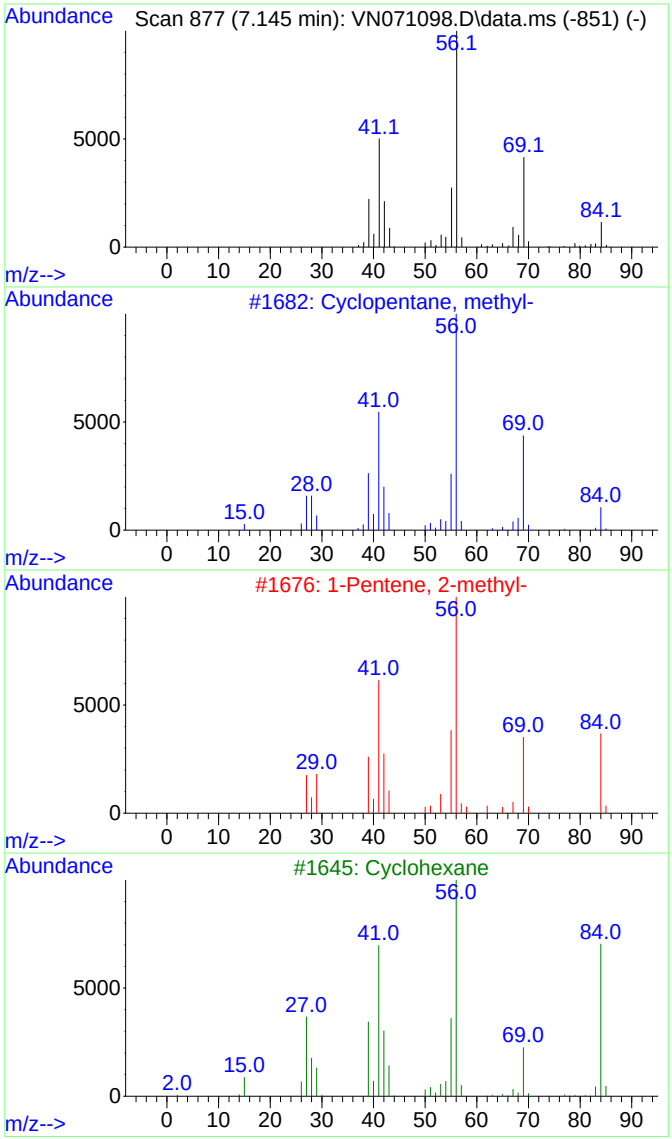
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
Quant Title : SW846 8260

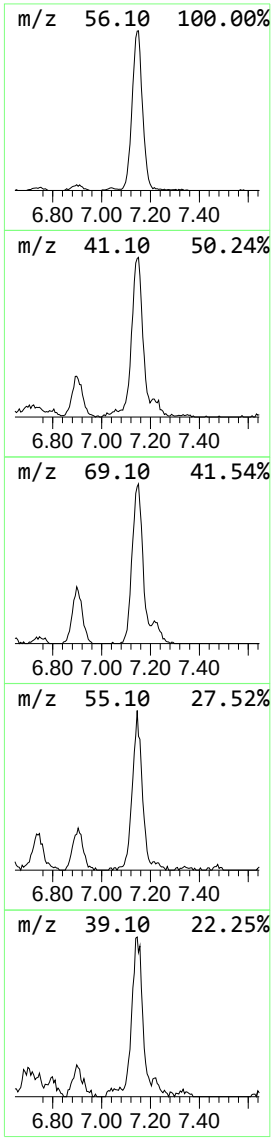
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopentane, methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.145	11.01 ug/l	592162	Pentafluorobenzene	8.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	86
3	Cyclohexane	84	C6H12	000110-82-7	83
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72





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Operator : JC\MD
Sample : N1689-01 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-38

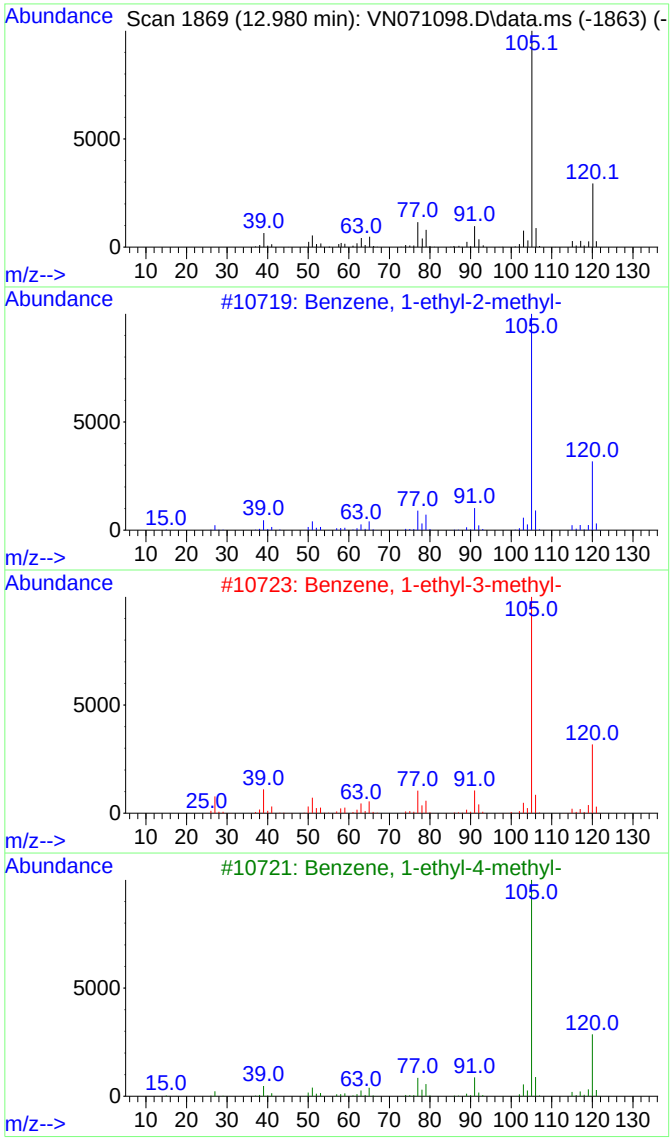
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
Quant Title : SW846 8260

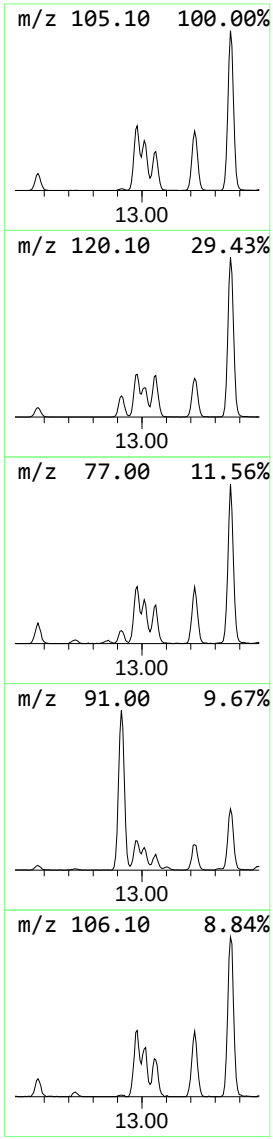
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	21.10 ug/l	1249790	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	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Instrument :
MSVOA_N
ClientSampleId :
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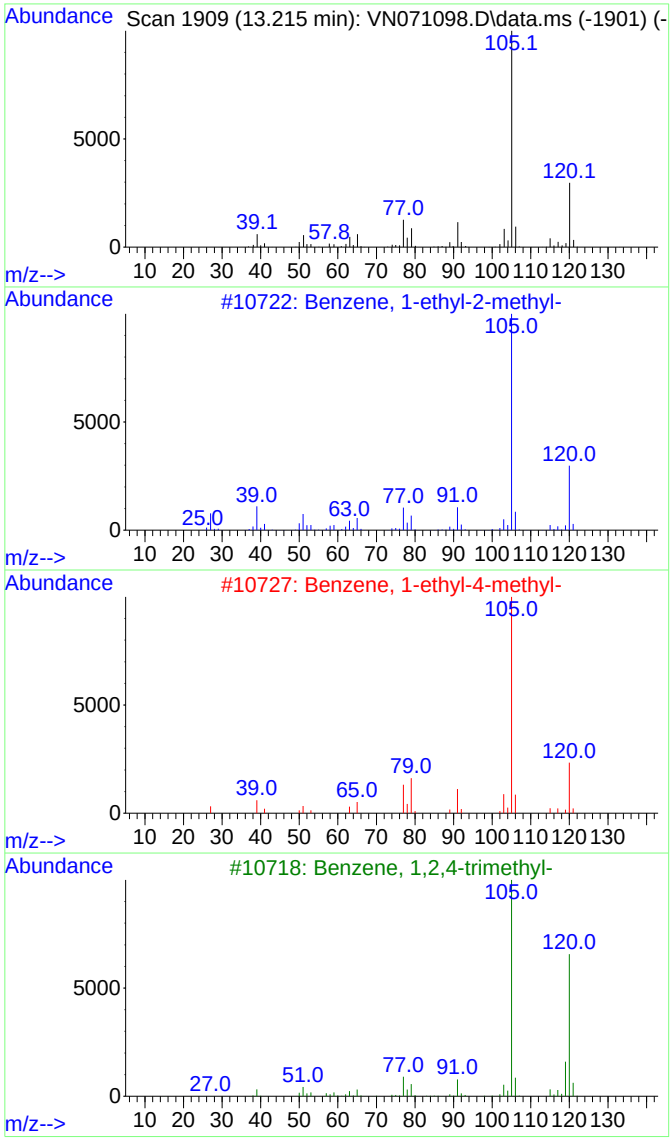
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
Quant Title : SW846 8260

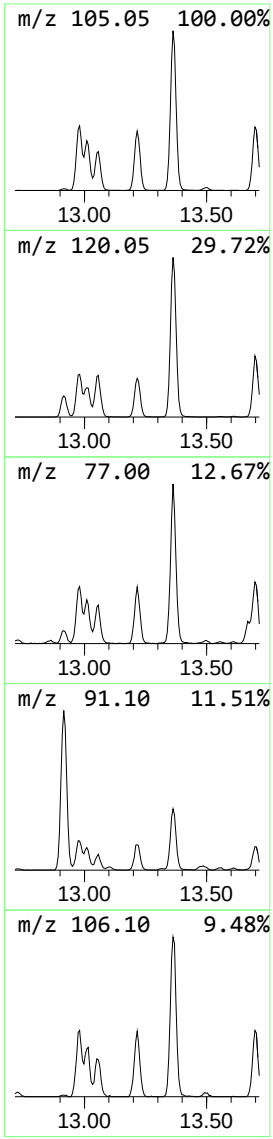
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.215	18.34 ug/l	1086350	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	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





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Instrument :
MSVOA_N
ClientSampleId :
MW-38

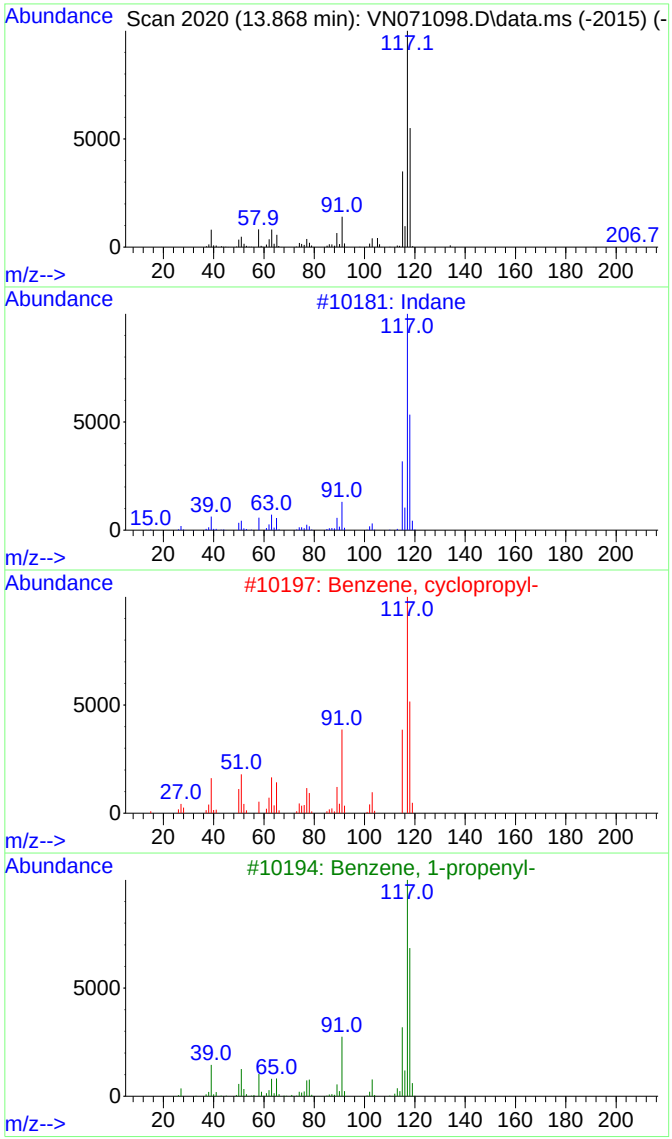
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
Quant Title : SW846 8260

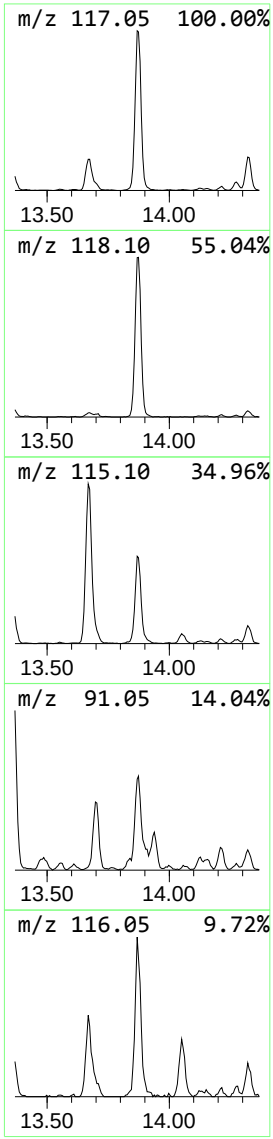
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.868	27.82 ug/l	1648130	1,4-Dichlorobenzene-d4	13.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	72
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64





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Data File : VN071098.D
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-38

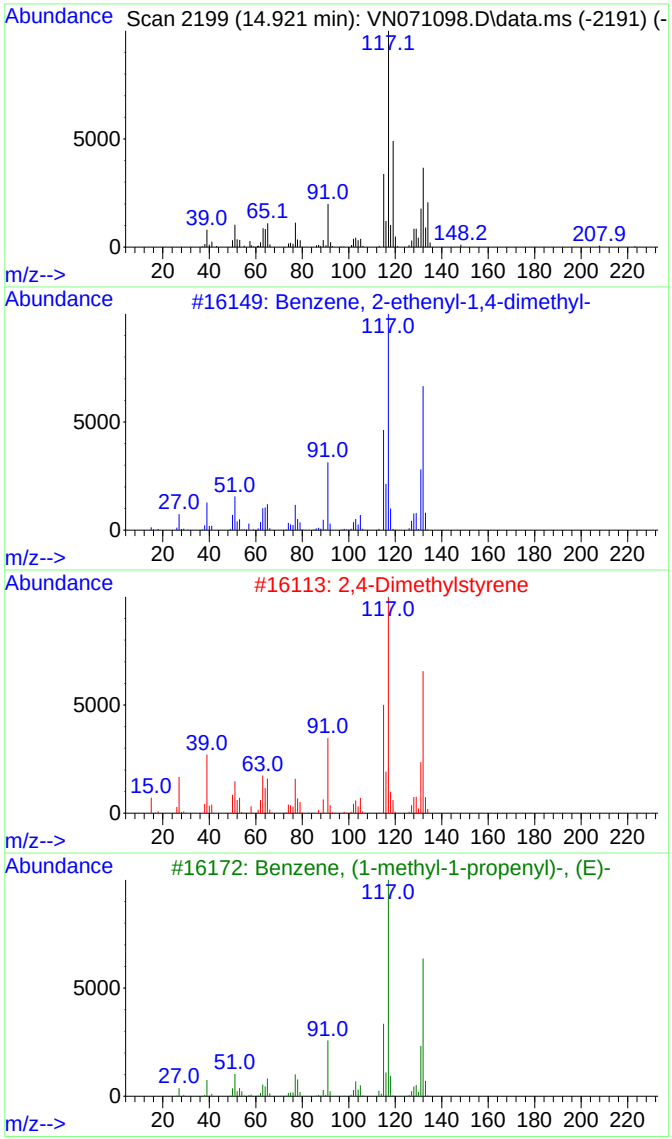
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
Quant Title : SW846 8260

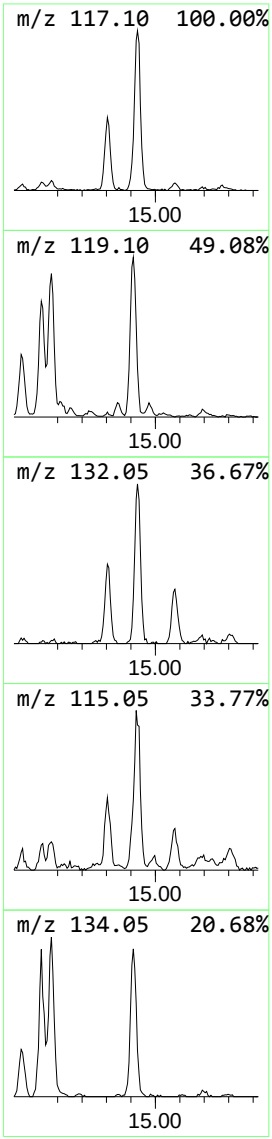
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.921	8.58 ug/l	508320	1,4-Dichlorobenzene-d4	13.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	89
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022822\
Data File : VN071098.D
Acq On : 28 Feb 2022 16:06
Operator : JC\MD
Sample : N1689-01 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-38

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.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
Butane, 2-methyl-	3.128	9.1	ug/l	486896	1	8.080	2688830	50.0
Cyclopropane, e...	3.522	6.0	ug/l	322665	1	8.080	2688830	50.0
Cyclobutane, me...	5.186	8.3	ug/l	443448	1	8.080	2688830	50.0
Cyclopentane, m...	7.145	11.0	ug/l	592162	1	8.080	2688830	50.0
Benzene, 1-ethy...	12.980	21.1	ug/l	1249790	4	13.668	2962230	50.0
Benzene, 1-ethy...	13.215	18.3	ug/l	1086350	4	13.668	2962230	50.0
Indane	13.868	27.8	ug/l	1648130	4	13.668	2962230	50.0
Benzene, 2-ethe...	14.921	8.6	ug/l	508320	4	13.668	2962230	50.0