LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
Data File : VN072103.D
Acq On : 21 Apr 2022 02:18
Operator : JC\MD
Sample : N2482-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-14R

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\82N033022W.M
Title : SW846 8260

Signal : TIC: VN072103.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.134	184	195	215	rBV	5285460	12294642	8.24%	2.435%
2	3.510	250	259	281	rVB2	2064613	5501229	3.69%	1.089%
3	3.722	284	295	306	rBV	751548	1880468	1.26%	0.372%
4	3.993	332	341	361	rVB	1041312	2867050	1.92%	0.568%
5	5.157	531	539	552	rVV3	416636	2046083	1.37%	0.405%
6	5.622	601	618	634	rBV	533601	1841716	1.23%	0.365%
7	6.469	755	762	774	rVB	772675	2356131	1.58%	0.467%
8	6.904	826	836	853	rVB	709520	2083637	1.40%	0.413%
9	7.145	864	877	886	rBV	2291678	6713625	4.50%	1.330%
10	8.087	1030	1037	1047	rVB2	1483180	3730475	2.50%	0.739%
11	8.457	1088	1100	1110	rBV	5781314	13682940	9.17%	2.710%
12	8.963	1176	1186	1199	rBV	1448336	3365847	2.26%	0.667%
13	10.439	1428	1437	1442	rBV	1927882	3569664	2.39%	0.707%
14	10.498	1442	1447	1465	rVB	8297269	15493915	10.38%	3.068%
15	11.739	1650	1658	1667	rBV	1914687	3406966	2.28%	0.675%
16	11.839	1667	1675	1685	rVV2	25013013	42091669	28.20%	8.336%
17	11.951	1685	1694	1714	rVB3	69317802	149252973	100.00%	29.557%
18	12.275	1738	1749	1767	rBV2	42103777	73664946	49.36%	14.588%
19	12.575	1789	1800	1809	rVB	1792908	2949155	1.98%	0.584%
20	12.727	1817	1826	1838	rVB	1552253	2636883	1.77%	0.522%
21	12.916	1851	1858	1863	rBV	3801164	6030495	4.04%	1.194%
22	12.980	1863	1869	1872	rVV	17452735	29564021	19.81%	5.855%
23	13.010	1872	1874	1878	rVV	7235080	9926723	6.65%	1.966%
24	13.051	1878	1881	1894	rVB	7692814	12225856	8.19%	2.421%
25	13.216	1901	1909	1923	rVB	10217713	16491514	11.05%	3.266%
26	13.363	1923	1934	1948	rBV	26889012	43865134	29.39%	8.687%
27	13.698	1980	1991	2007	rVV2	9827988	19012324	12.74%	3.765%
28	13.869	2007	2020	2037	rVB2	4481592	9637454	6.46%	1.909%
29	14.921	2190	2199	2206	rBV3	851317	1747415	1.17%	0.346%
30	15.498	2284	2297	2310	rBV	2667491	5037056	3.37%	0.998%

Sum of corrected areas: 504968006

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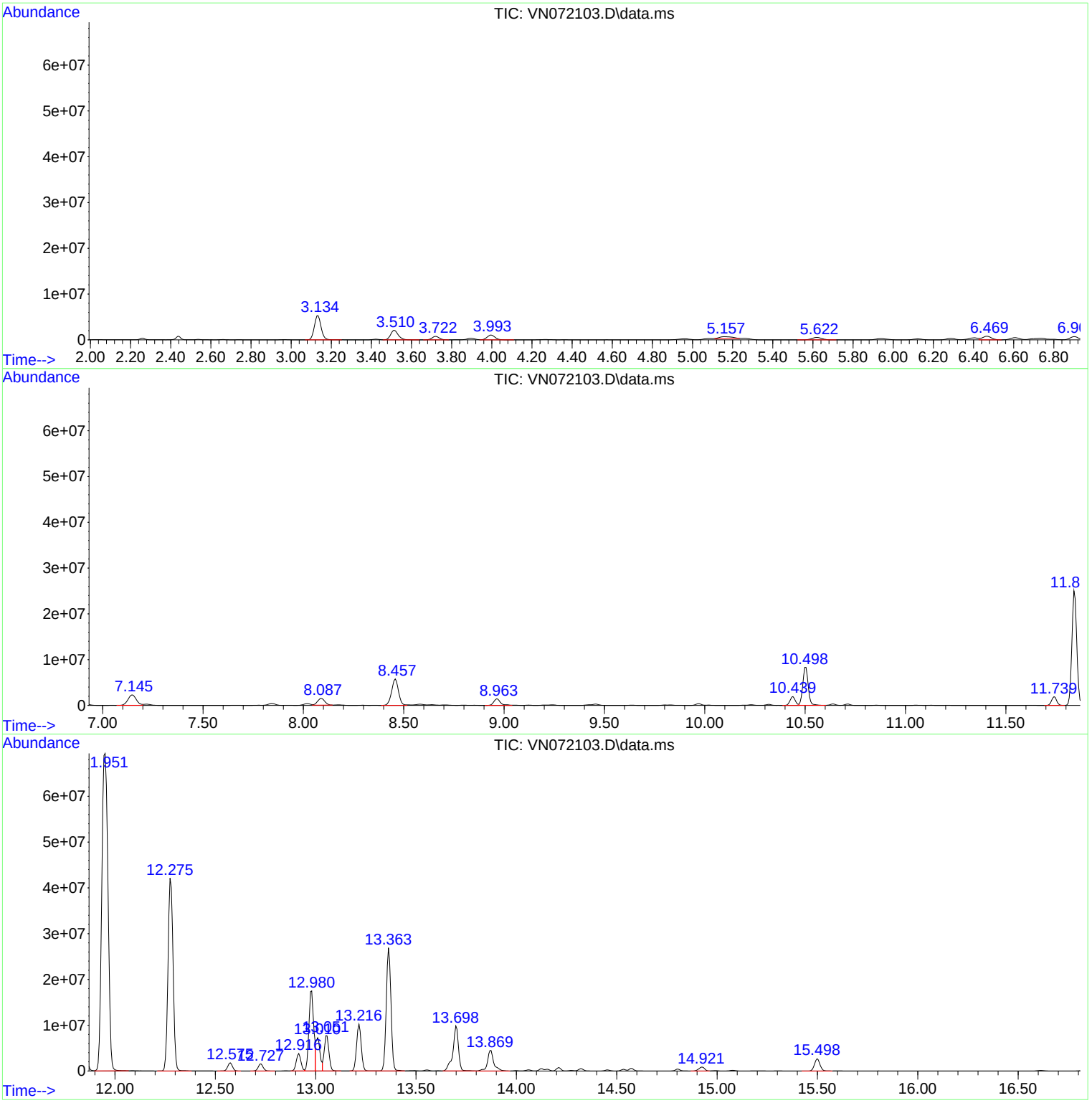
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-14R

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

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



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Data File : VN072103.D
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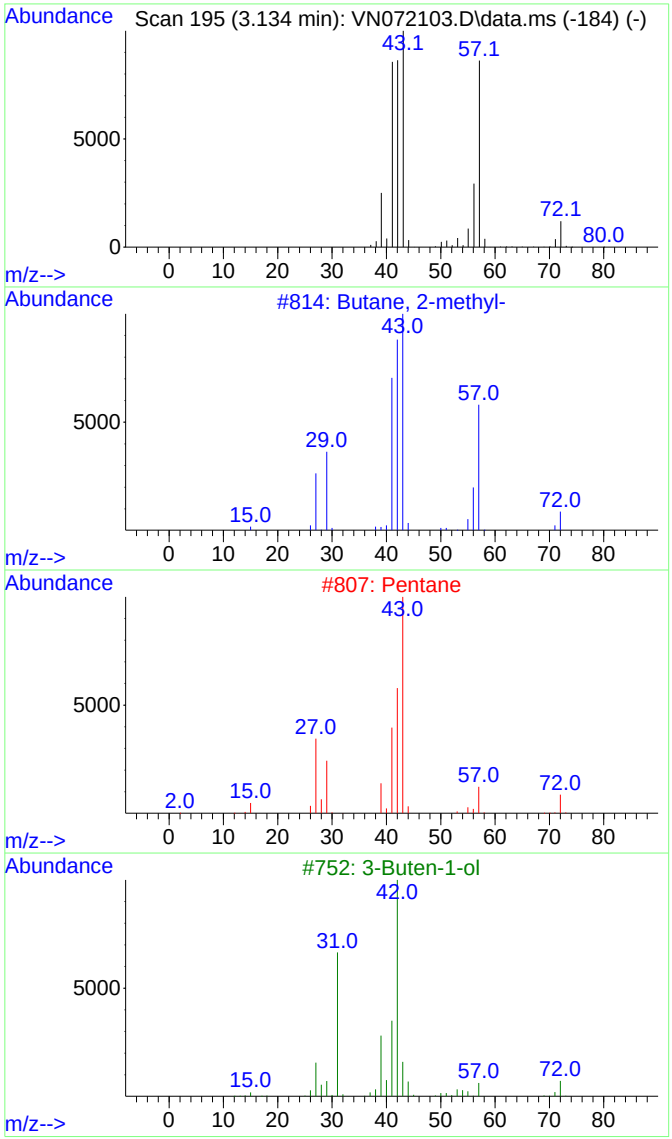
Quant Title : SW846 8260

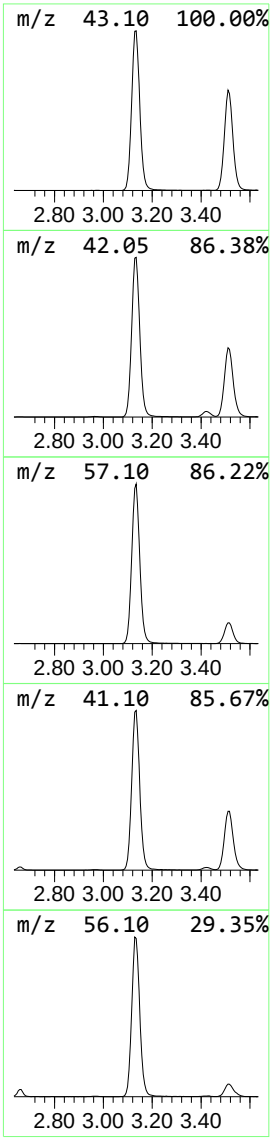
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.134	164.79 ug/l	12294600	Pentafluorobenzene	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	90
2	Pentane	72	C5H12	000109-66-0	42
3	3-Buten-1-ol	72	C4H8O	000627-27-0	25
4	1-Butanesulfonyl chloride	156	C4H9ClO2S	002386-60-9	12
5	1-Butene	56	C4H8	000106-98-9	10





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Data File : VN072103.D
Acq On : 21 Apr 2022 02:18
Operator : JC\MD
Sample : N2482-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-14R

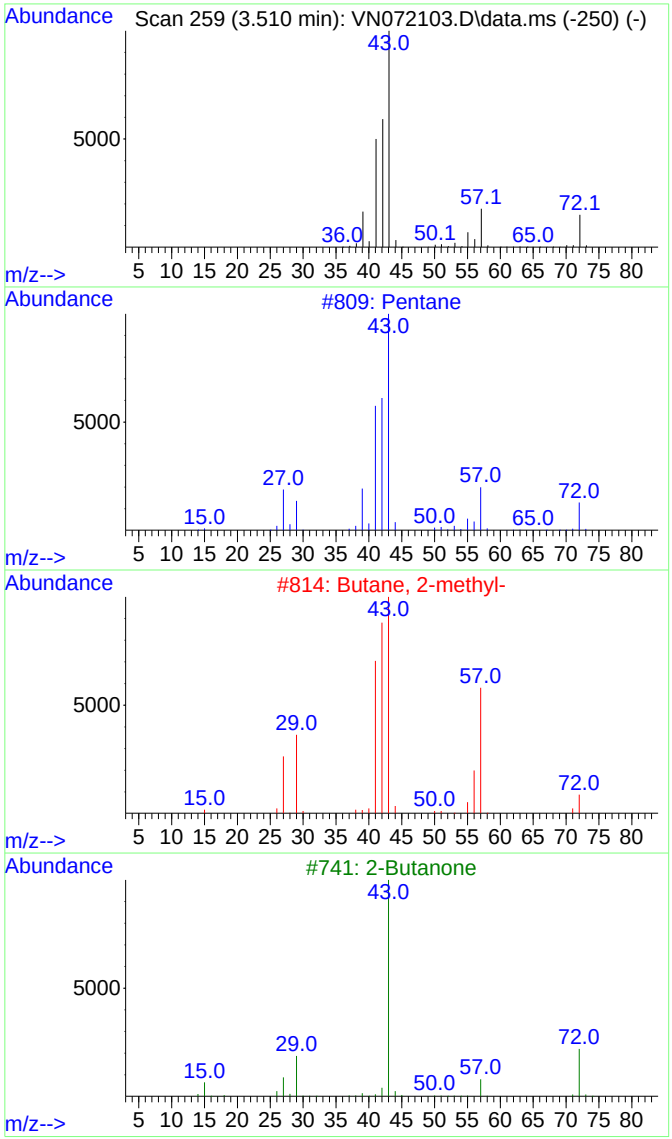
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

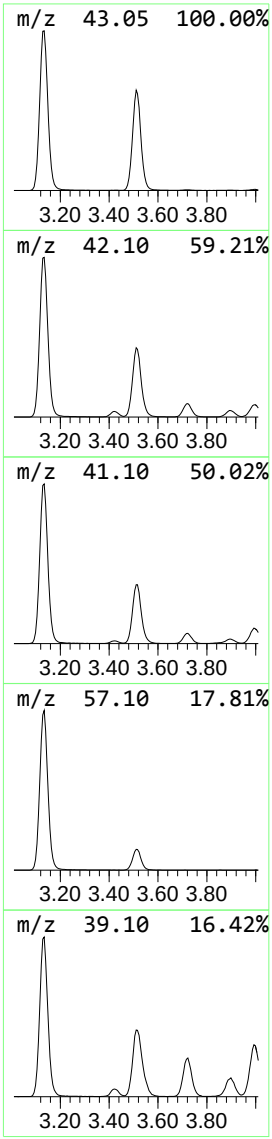
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.510	73.73 ug/l	5501230	Pentafluorobenzene	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	38
3	2-Butanone	72	C4H8O	000078-93-3	35
4	2-Propanone, hydrazone	72	C3H8N2	005281-20-9	10
5	Oxirane, ethyl-	72	C4H8O	000106-88-7	9





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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-14R

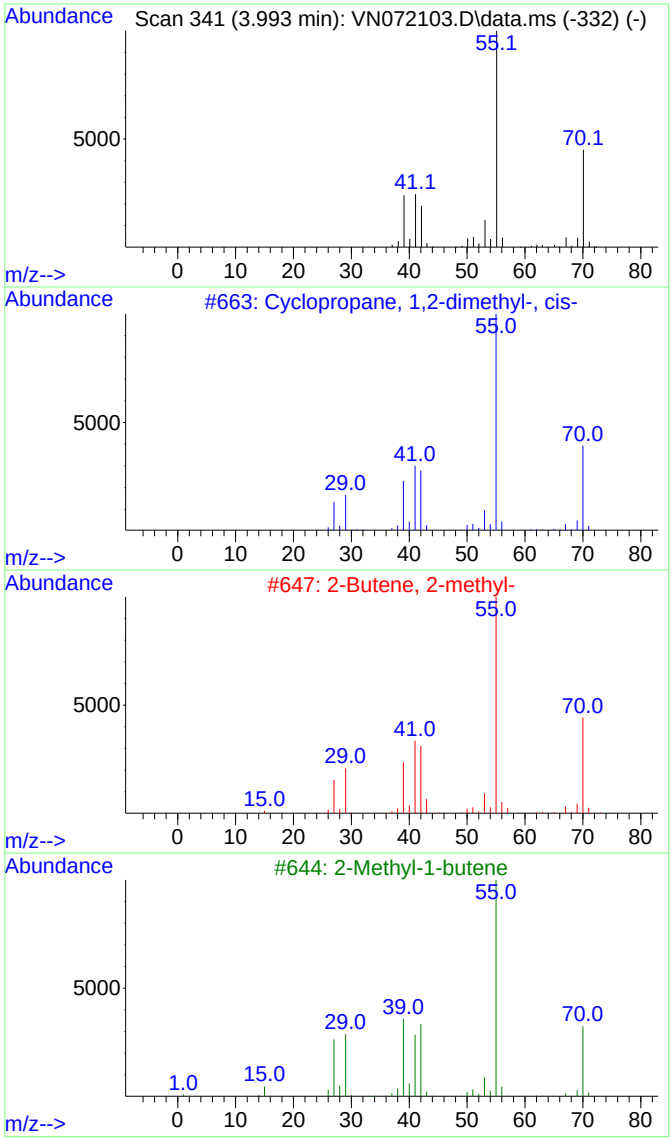
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

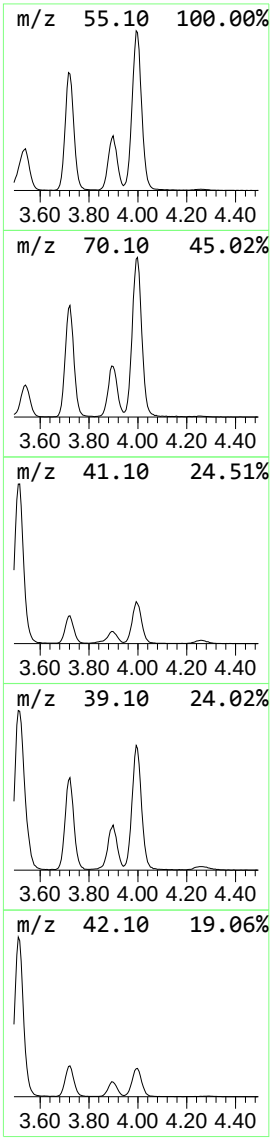
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclopropane, 1,2-dimethyl-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.993	38.43 ug/l	2867050	Pentafluorobenzene	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	90
3	2-Methyl-1-butene	70	C5H10	000563-46-2	83
4	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	80
5	1-Butene, 3-methyl-	70	C5H10	000563-45-1	78





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Operator : JC\MD
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ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-14R

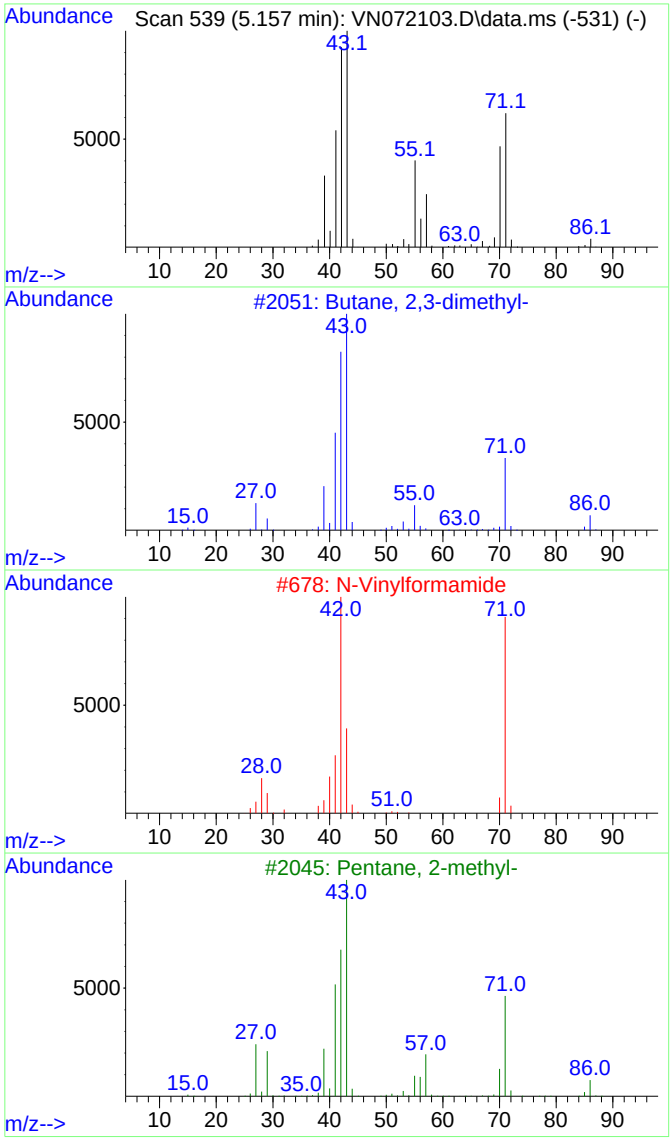
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

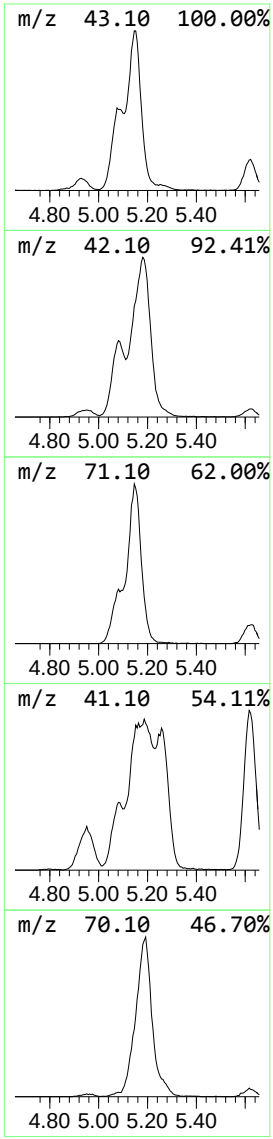
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Butane, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.157	27.42 ug/l	2046080	Pentafluorobenzene	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	53
2	N-Vinylformamide	71	C3H5NO	013162-05-5	47
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	47
4	1-Pentanol	88	C5H12O	000071-41-0	47
5	1-Pentene	70	C5H10	000109-67-1	47





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Operator : JC\MD
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-14R

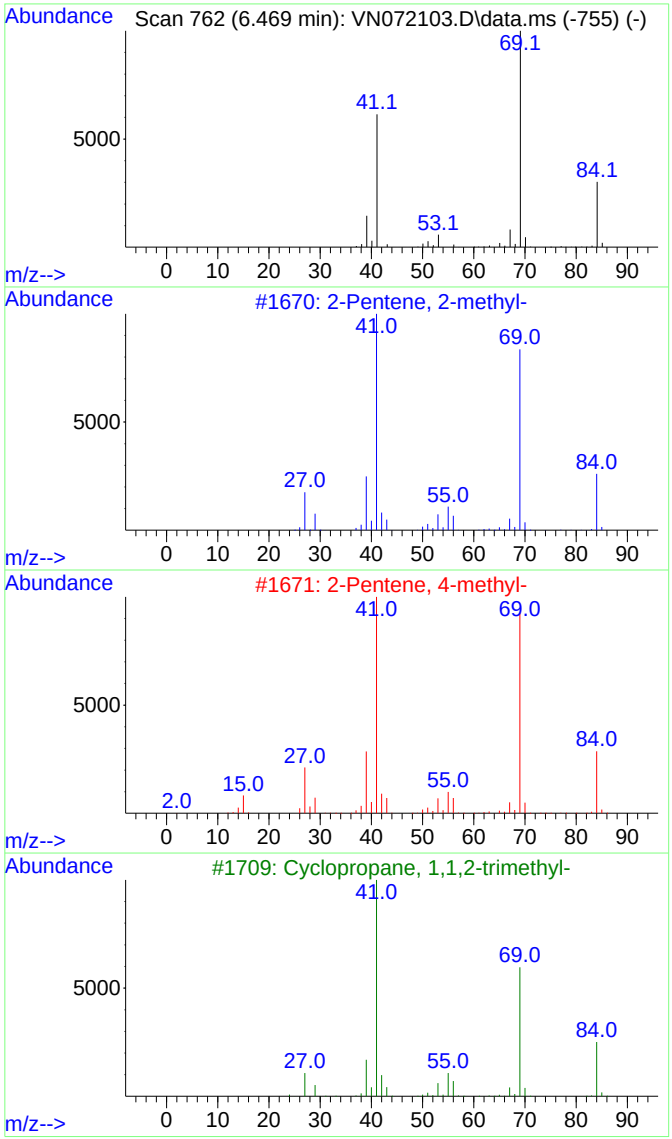
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

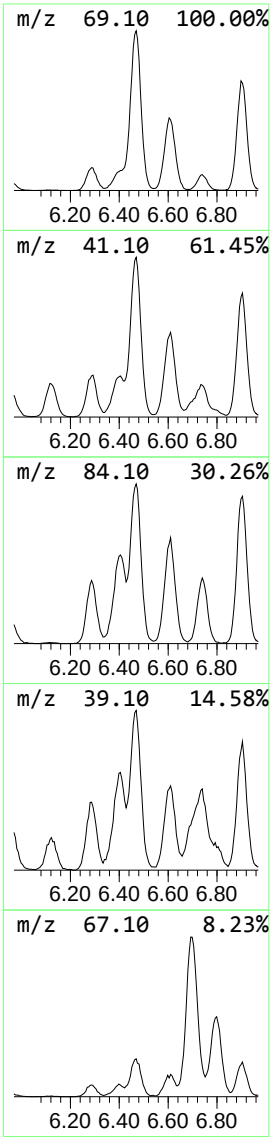
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Pentene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.469	31.58 ug/l	2356130	Pentafluorobenzene	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	90
2	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	83
3	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	83
4	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	83
5	1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	83





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ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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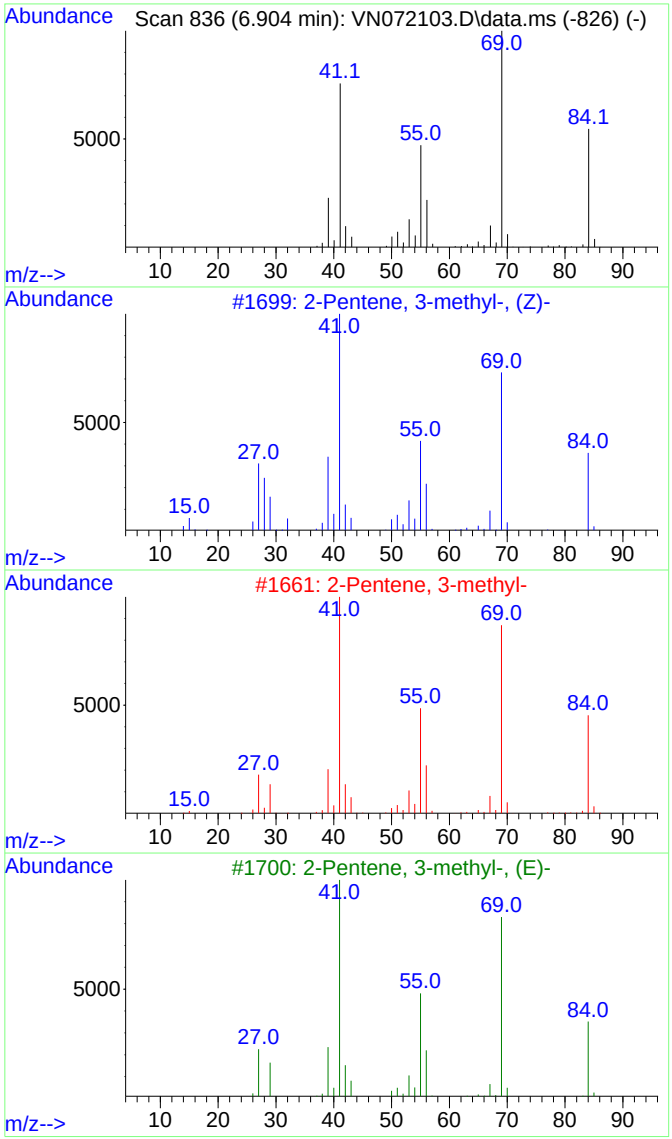
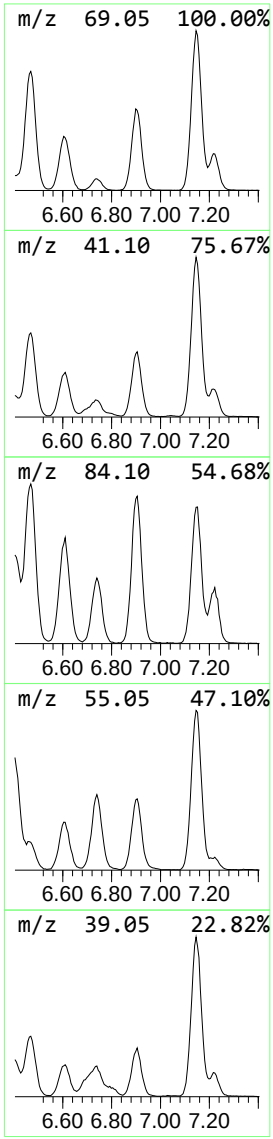
****
Peak Number 6 2-Pentene, 3-methyl-, (Z)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.904	27.93 ug/l	2083640	Pentafluorobenzene	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	95
2	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	94
3	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
4	Cyclopropane, 1,2,3-trimethyl-	84	C6H12	042984-19-0	91
5	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	86





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ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_N
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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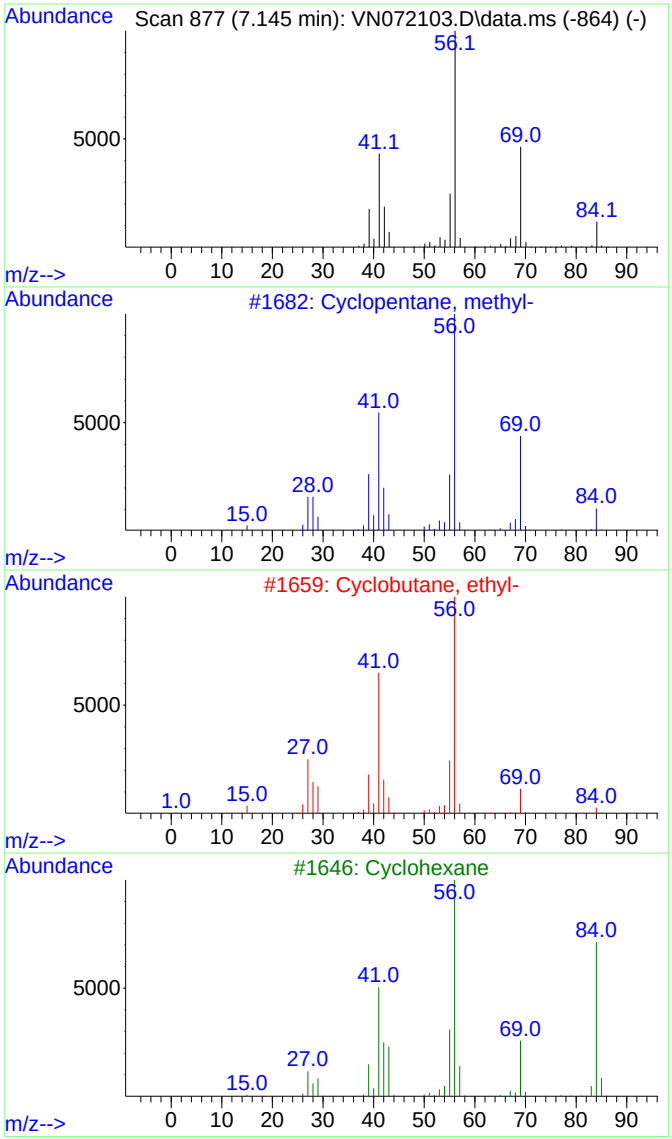
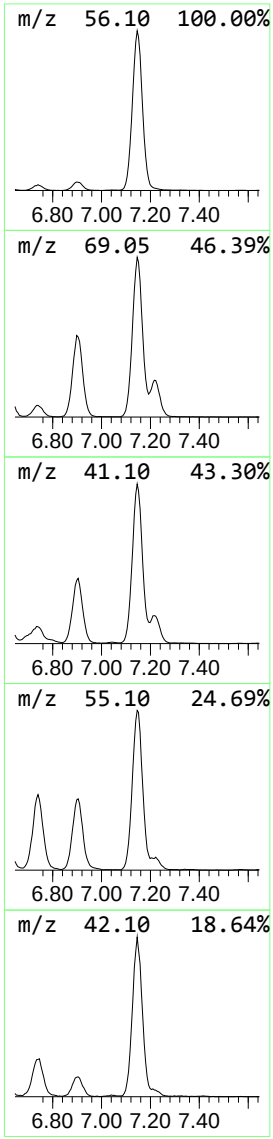
****
Peak Number 7 Cyclopentane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.145	89.98 ug/l	6713630	Pentafluorobenzene	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	78
3	Cyclohexane	84	C6H12	000110-82-7	78
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5	Cyclobutane, butyl-	112	C8H16	013152-44-8	56





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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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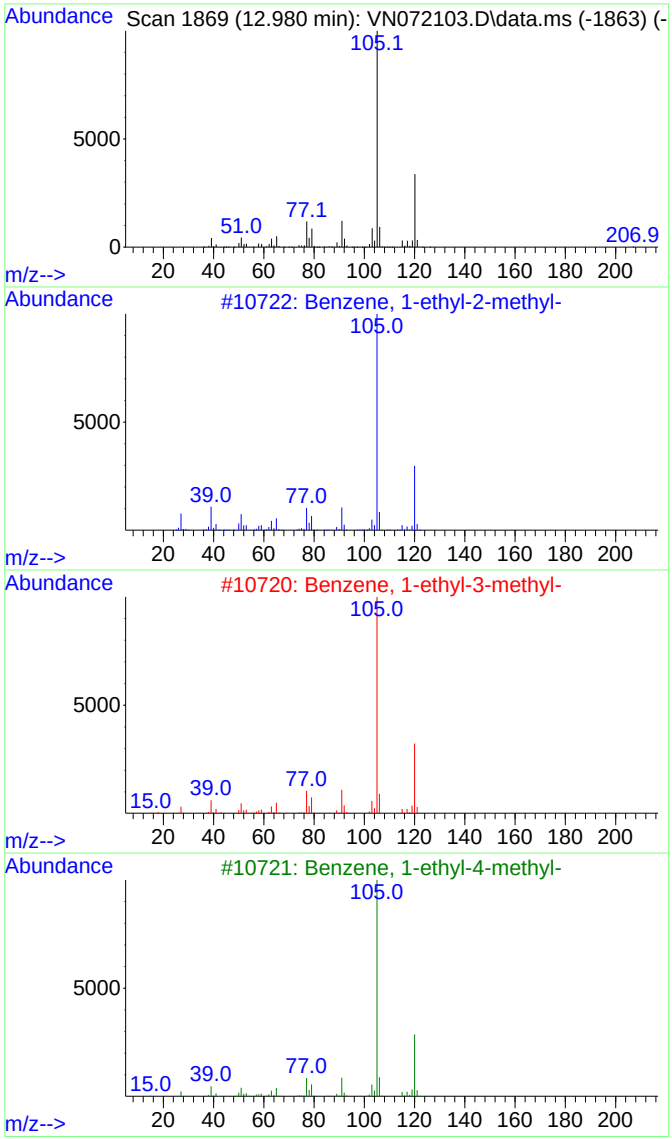
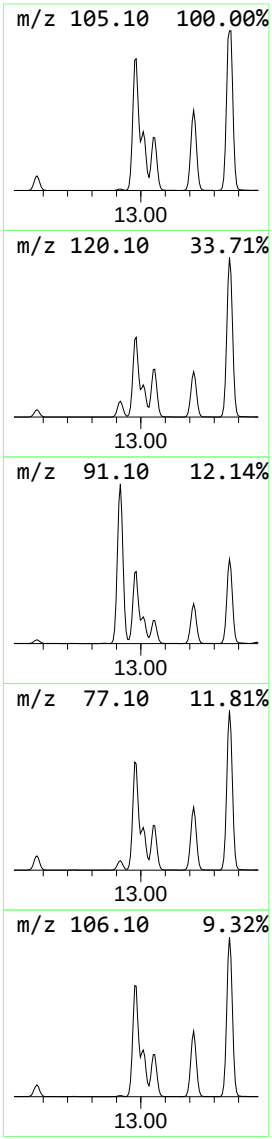
****
Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	77.75 ug/l	29564000	1,4-Dichlorobenzene-d4	13.669

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	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-14R

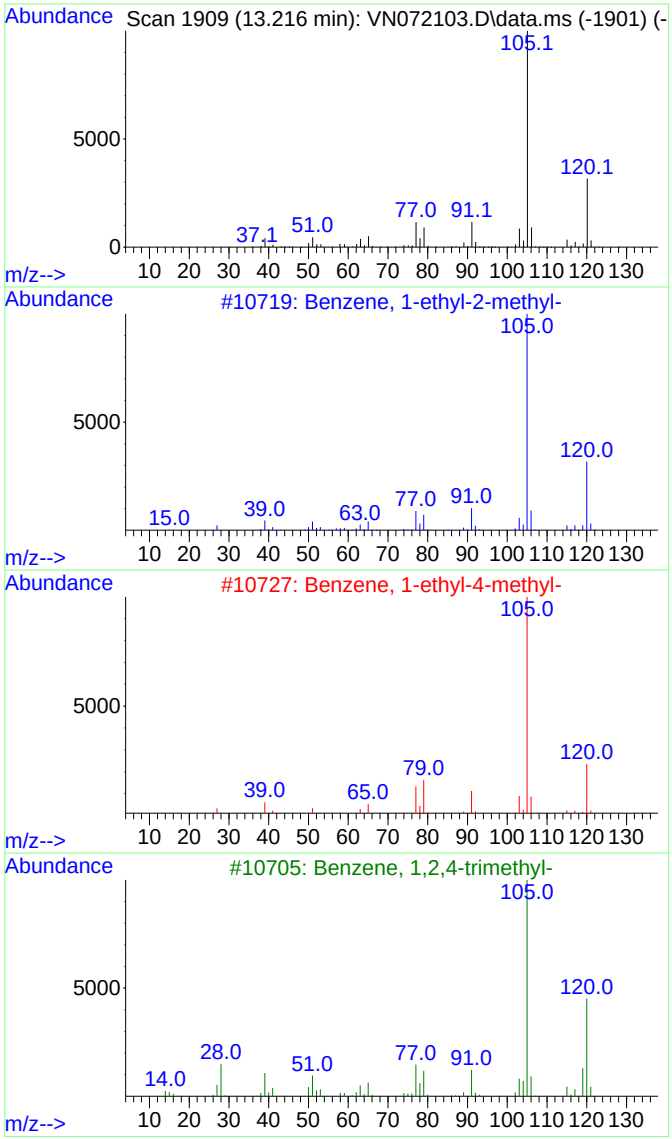
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

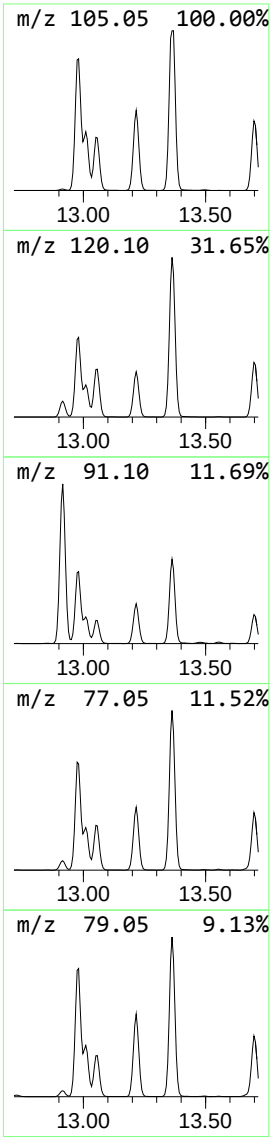
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethyl-4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.216	43.37 ug/l	16491500	1,4-Dichlorobenzene-d4	13.669

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-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-14R

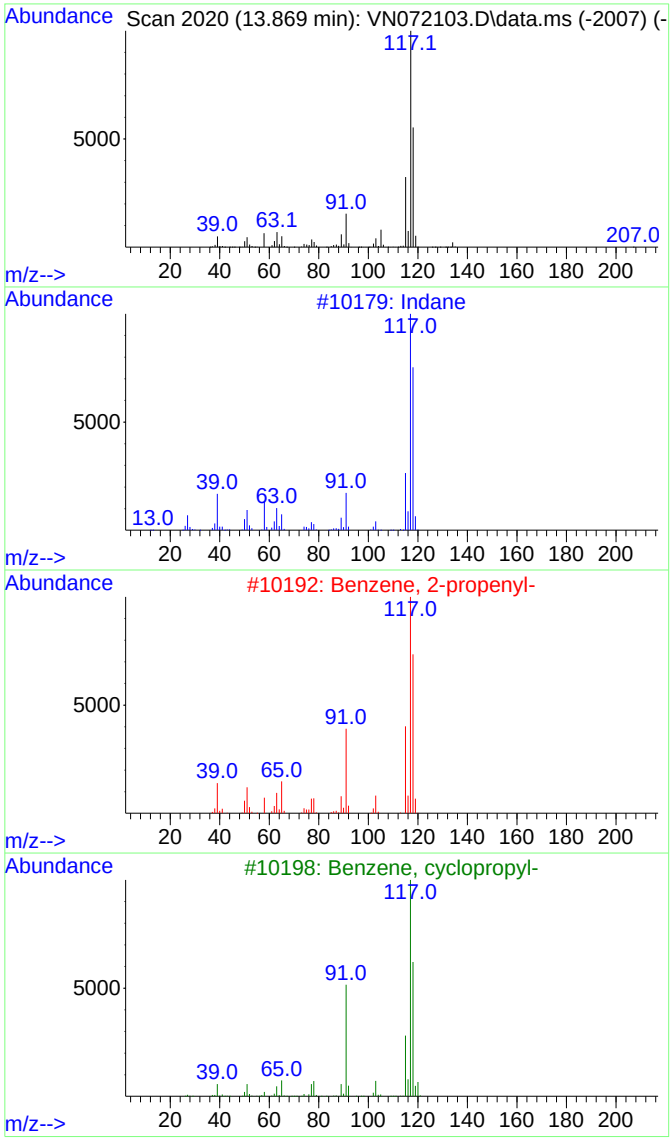
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

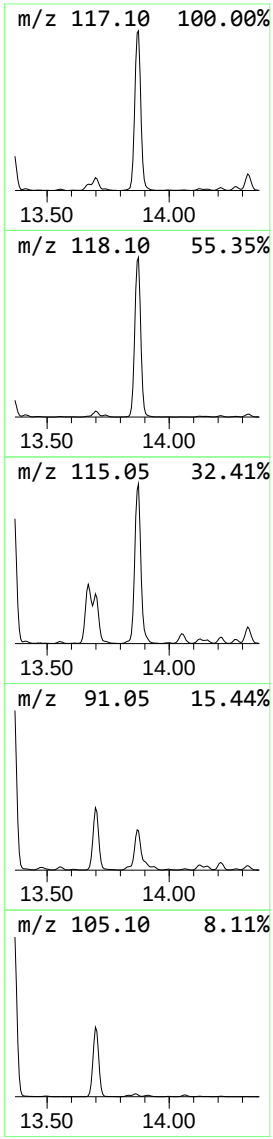
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.869	25.35 ug/l	9637450	1,4-Dichlorobenzene-d4	13.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	87
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	87
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
Data File : VN072103.D
Acq On : 21 Apr 2022 02:18
Operator : JC\MD
Sample : N2482-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-14R

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.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-	3.134	164.8	ug/l	12294600	1	8.081	3730480	50.0
Pentane	3.510	73.7	ug/l	5501230	1	8.081	3730480	50.0
Cyclopropane, 1...	3.993	38.4	ug/l	2867050	1	8.081	3730480	50.0
Butane, 2,3-dim...	5.157	27.4	ug/l	2046080	1	8.081	3730480	50.0
2-Pentene, 2-me...	6.469	31.6	ug/l	2356130	1	8.081	3730480	50.0
2-Pentene, 3-me...	6.904	27.9	ug/l	2083640	1	8.081	3730480	50.0
Cyclopentane, m...	7.145	90.0	ug/l	6713630	1	8.081	3730480	50.0
Benzene, 1-ethy...	12.980	77.8	ug/l	29564000	4	13.669	19012300	50.0
Benzene, 1-ethy...	13.216	43.4	ug/l	16491500	4	13.669	19012300	50.0
Indane	13.869	25.4	ug/l	9637450	4	13.669	19012300	50.0