LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102825\
Data File : VN088136.D
Acq On : 28 Oct 2025 13:59
Operator : JC\MD
Sample : Q3468-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-12

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\82N102325W.M
Title : SW846 8260

Signal : TIC: VN088136.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.536	88	99	110	rBV	246887	458851	1.57%	0.260%
2	3.265	213	223	237	rBV2	318715	791580	2.71%	0.449%
3	3.659	282	290	308	rVB4	175479	567031	1.94%	0.321%
4	3.865	317	325	336	rVB2	153201	391369	1.34%	0.222%
5	4.148	364	373	385	rVB	125013	359048	1.23%	0.204%
6	5.377	568	582	603	rVB2	185505	840079	2.88%	0.476%
7	7.312	899	911	923	rBV	280625	808743	2.77%	0.458%
8	8.147	1044	1053	1058	rBV	230025	561418	1.93%	0.318%
9	8.206	1058	1063	1077	rVB2	388404	1212497	4.16%	0.687%
10	8.588	1116	1128	1142	rBV	2885746	7118306	24.41%	4.035%
11	9.082	1202	1212	1225	rBV	693653	1474763	5.06%	0.836%
12	10.547	1452	1461	1466	rBV	942339	1771517	6.07%	1.004%
13	10.606	1466	1471	1485	rVB	3137733	5885954	20.18%	3.336%
14	10.741	1485	1494	1500	rBV	387446	684891	2.35%	0.388%
15	10.812	1500	1506	1512	rBV	422609	714338	2.45%	0.405%
16	11.841	1673	1681	1690	rBV	939411	1774256	6.08%	1.006%
17	11.941	1690	1698	1708	rVV	17293531	29163965	100.00%	16.530%
18	12.053	1708	1717	1732	rVB	8888264	15946978	54.68%	9.039%
19	12.376	1764	1772	1791	rVB	12389569	21036728	72.13%	11.924%
20	12.671	1815	1822	1832	rBV	455226	812620	2.79%	0.461%
21	12.829	1842	1849	1861	rBV	647925	1221141	4.19%	0.692%
22	13.012	1874	1880	1886	rBV	890410	1498362	5.14%	0.849%
23	13.076	1886	1891	1892	rBV	365647	483175	1.66%	0.274%
24	13.106	1892	1896	1902	rVB	1359122	2212148	7.59%	1.254%
25	13.312	1923	1931	1945	rBV	5808069	9788633	33.56%	5.548%
26	13.459	1948	1956	1971	rVB	11378069	18345870	62.91%	10.399%
27	13.794	2003	2013	2029	rBV	7652881	14155686	48.54%	8.024%
28	13.929	2030	2036	2037	rBV	400194	541120	1.86%	0.307%
29	13.970	2037	2043	2059	rVB	7857664	13754192	47.16%	7.796%
30	14.153	2068	2074	2080	rBV2	814406	1468565	5.04%	0.832%
31	14.217	2080	2085	2089	rBV	593531	1044291	3.58%	0.592%
32	14.306	2095	2100	2106	rVB	990232	1523654	5.22%	0.864%
33	14.370	2106	2111	2114	rVV	276384	435258	1.49%	0.247%
34	14.417	2114	2119	2129	rVB2	1048121	1853502	6.36%	1.051%
35	14.547	2136	2141	2148	rVB	352191	595284	2.04%	0.337%
36	14.629	2148	2155	2158	rBV	580186	940712	3.23%	0.533%

LSC Area Percent Report

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Operator : JC\MD
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-12

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\82N102325W.M
Title : SW846 8260

37	14.664	2158	2161	2167	rVB	537252	834138	2.86%	0.473%
38	14.900	2196	2201	2213	rVB	657672	1187620	4.07%	0.673%
39	15.023	2213	2222	2229	rBV2	1641950	3404465	11.67%	1.930%
40	15.182	2242	2249	2258	rBV2	259948	487802	1.67%	0.276%
41	15.294	2258	2268	2272	rBV2	126803	319643	1.10%	0.181%
42	15.412	2280	2288	2295	rVB4	135885	326447	1.12%	0.185%
43	15.611	2313	2322	2332	rBV	3331860	6590115	22.60%	3.735%
44	15.717	2333	2340	2347	rVV	529707	1040401	3.57%	0.590%

Sum of corrected areas: 176427156

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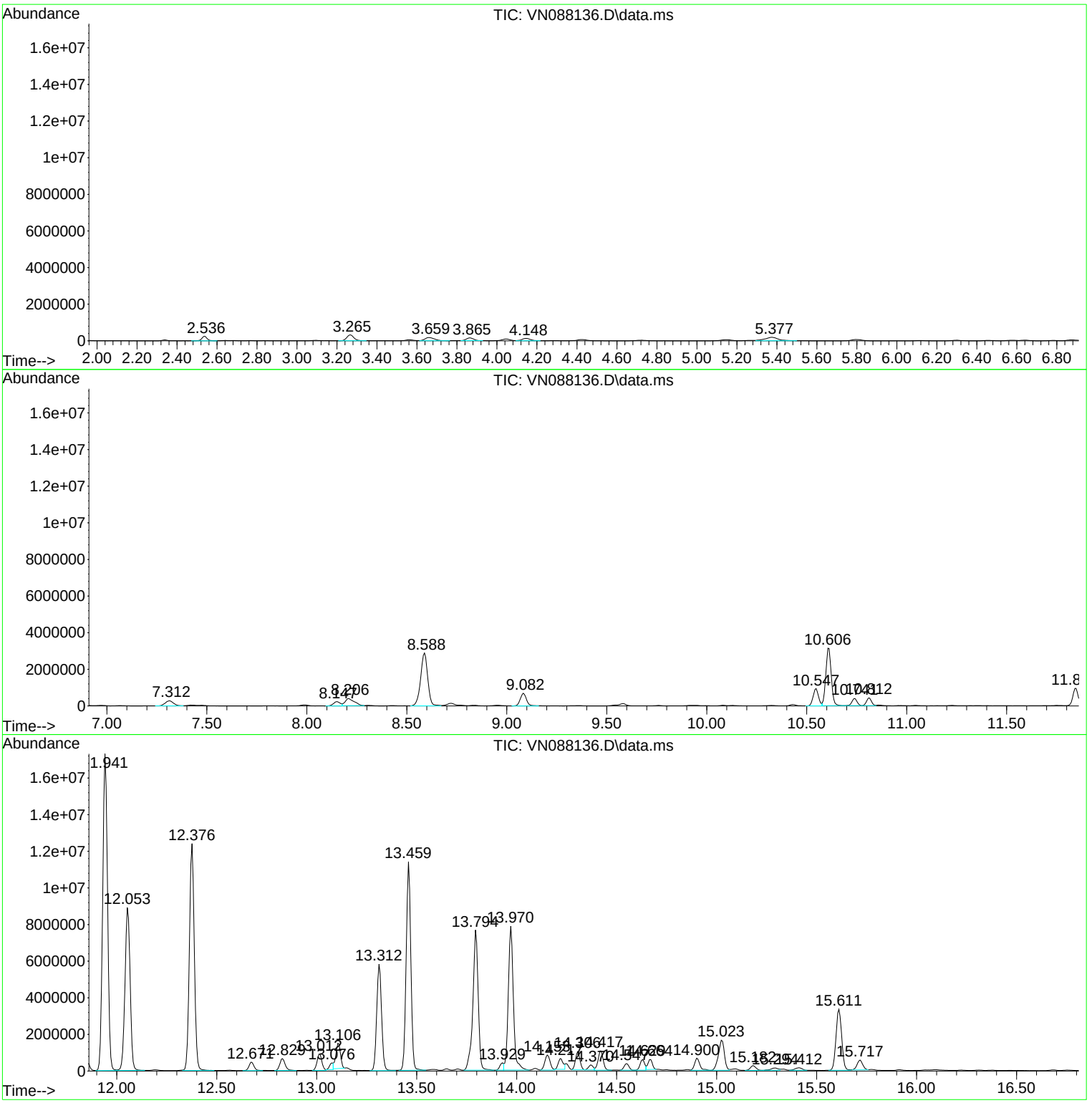
Instrument :
MSVOA_N
ClientSampleId :
MW-12

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

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



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Data File : VN088136.D
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Instrument :
MSVOA_N
ClientSampleId :
MW-12

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

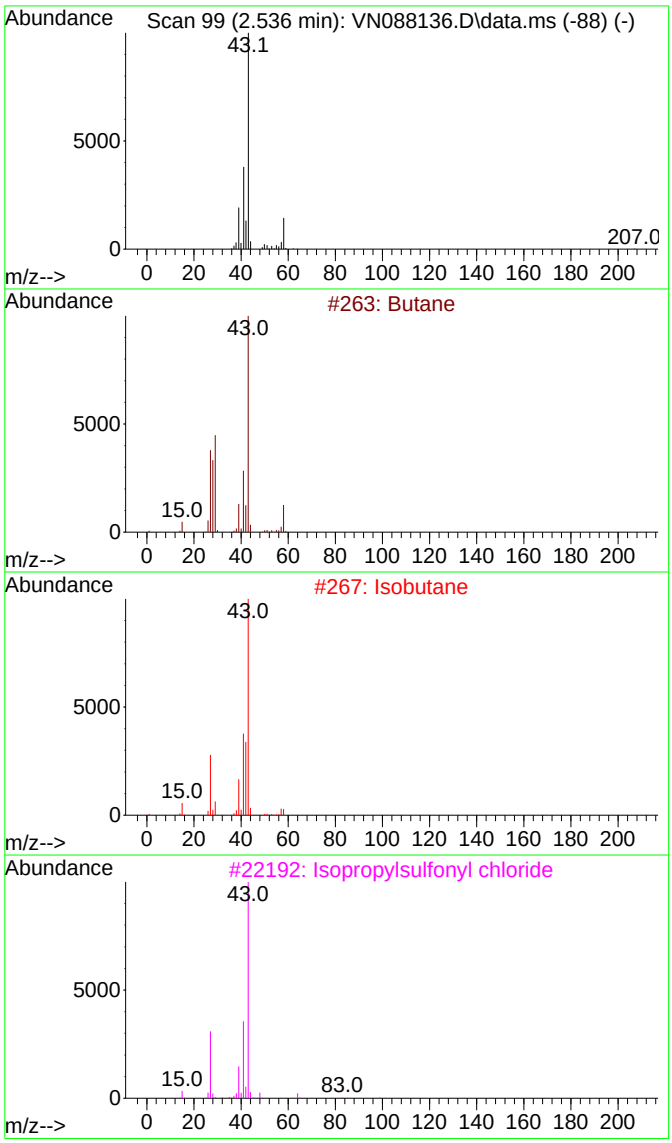
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

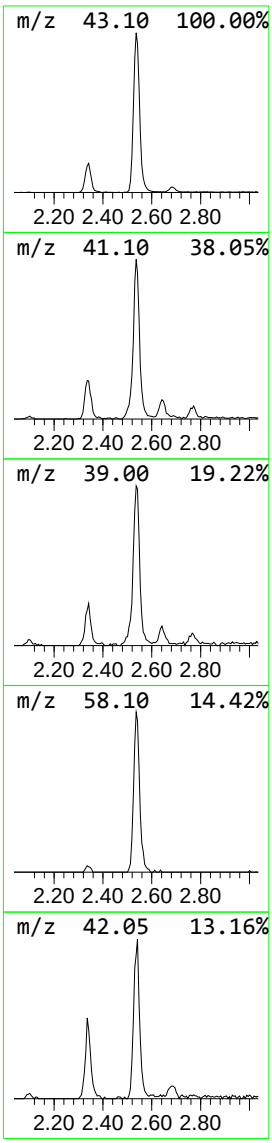
****

Peak Number 1 Butane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.536	18.92 ug/l	458851	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	86
2	Isobutane	58	C4H10	000075-28-5	9
3	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9
4	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	9
5	Propane, 1-nitro-	89	C3H7NO2	000108-03-2	9





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Data File : VN088136.D
Acq On : 28 Oct 2025 13:59
Operator : JC\MD
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-12

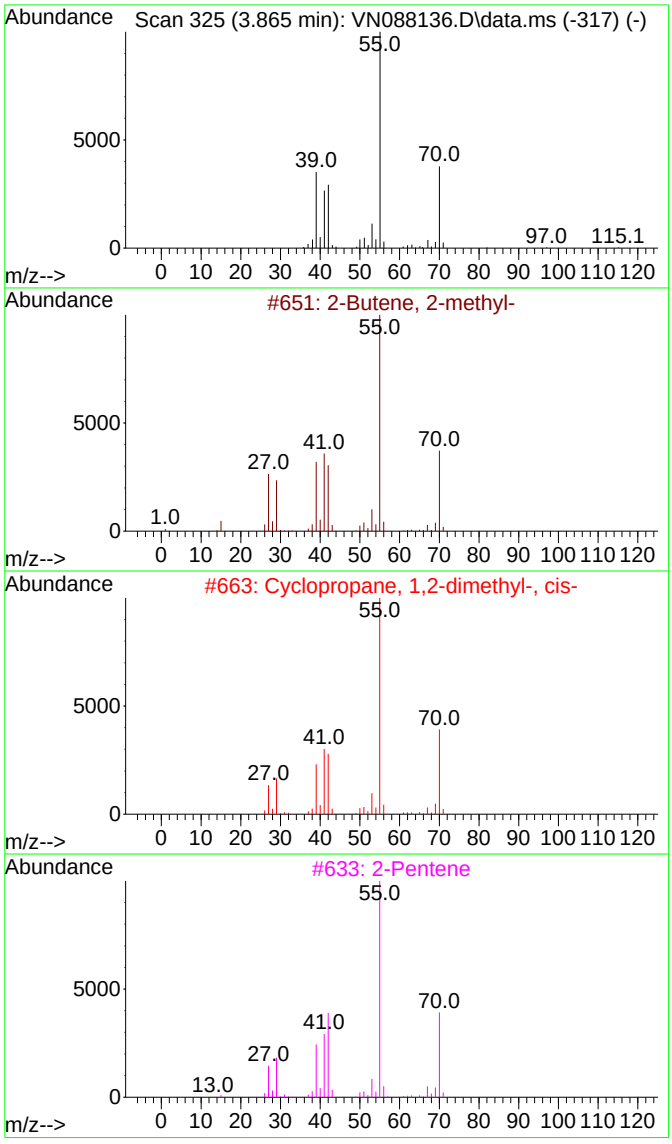
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

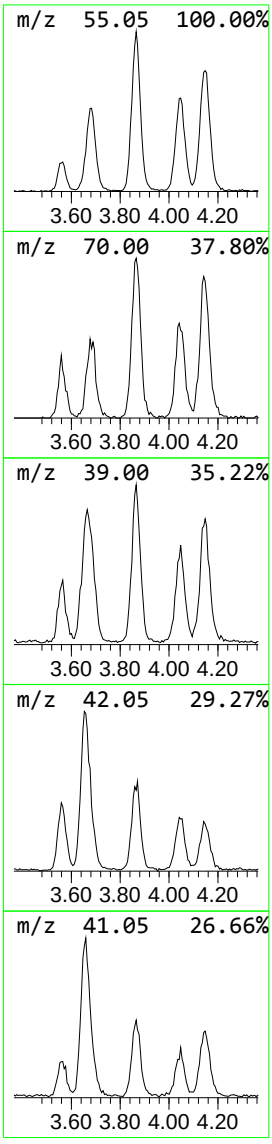
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Butene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.865	16.14 ug/l	391369	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2-methyl-	70	C5H10	000513-35-9	90
2	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
3	2-Pentene	70	C5H10	000109-68-2	86
4	2-Methyl-1-butene	70	C5H10	000563-46-2	80
5	1-Butene, 3-methyl-	70	C5H10	000563-45-1	80





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Data File : VN088136.D
Acq On : 28 Oct 2025 13:59
Operator : JC\MD
Sample : Q3468-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-12

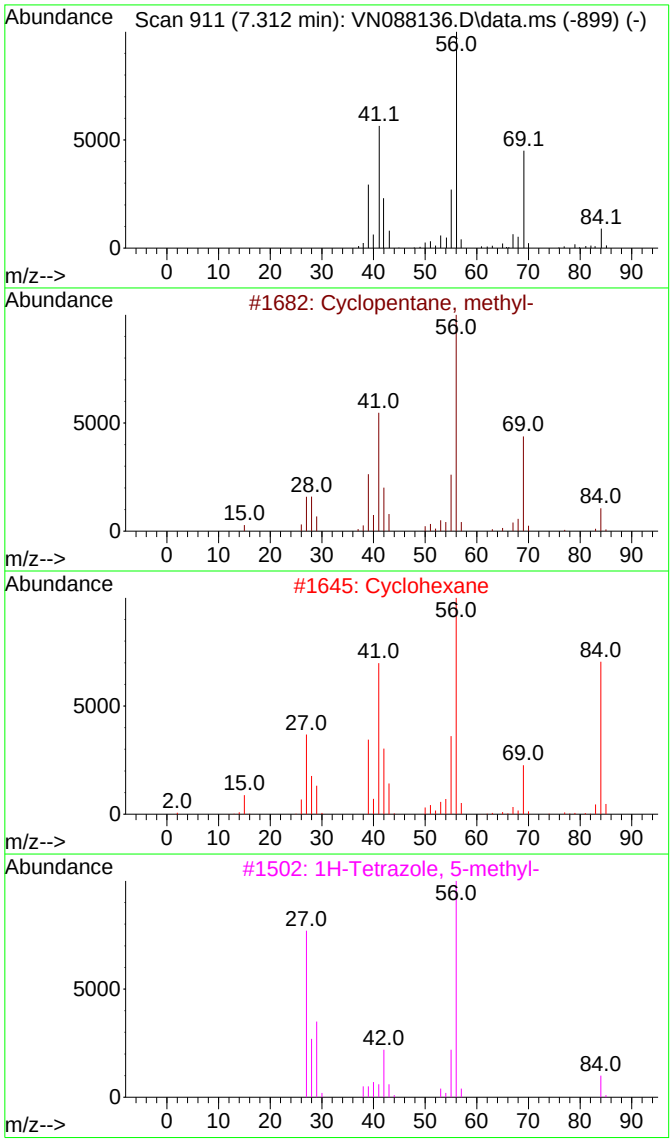
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

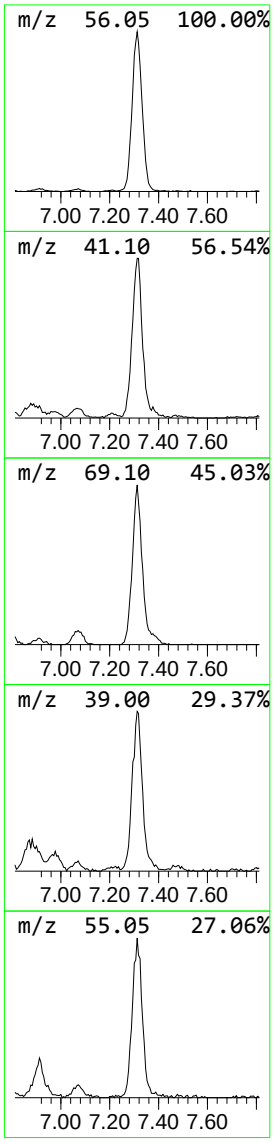
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclopentane, methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.312	33.35 ug/l	808743	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclohexane	84	C6H12	000110-82-7	80
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	59
5	Cyclobutane	56	C4H8	000287-23-0	47





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Operator : JC\MD
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-12

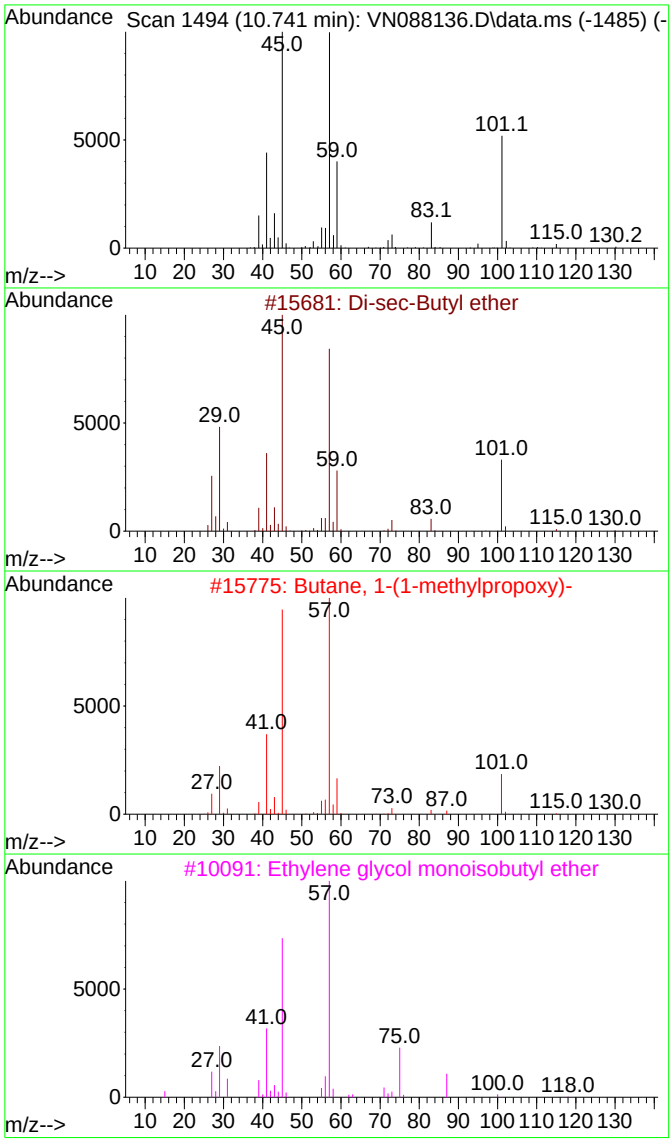
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

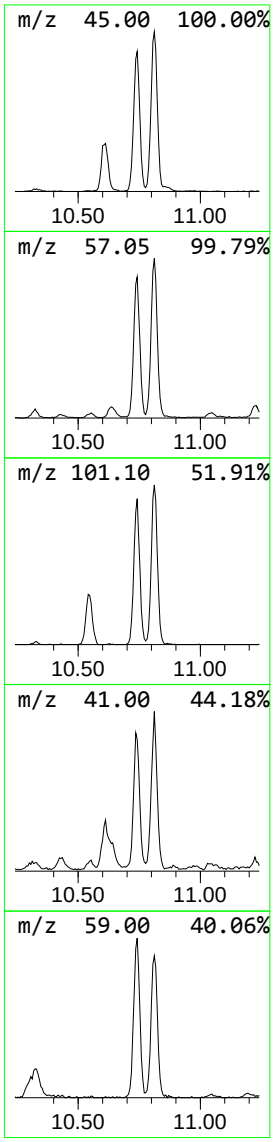
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Di-sec-Butyl ether Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.741	19.30 ug/l	684891	Chlorobenzene-d5	11.847

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-sec-Butyl ether	130	C8H18O	006863-58-7	90
2	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	50
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	37
4	DL-Lactamide, butyl ether	145	C7H15NO2	1000452-56-5	36
5	2-Hydroxy-3-pentanone	102	C5H10O2	005704-20-1	33





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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-12

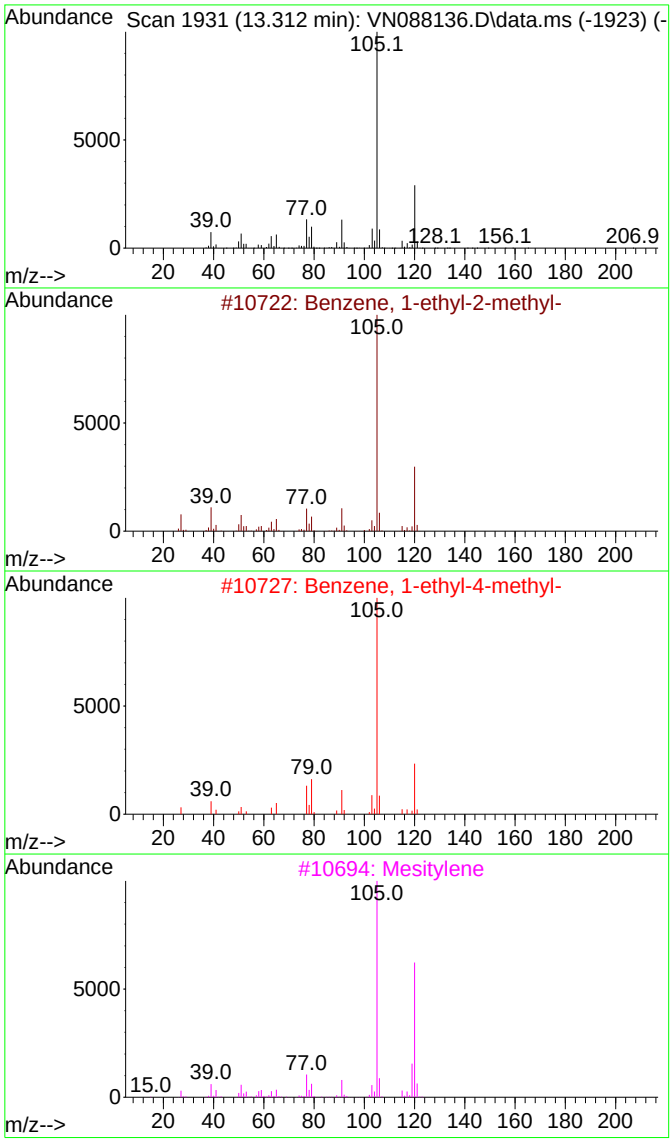
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

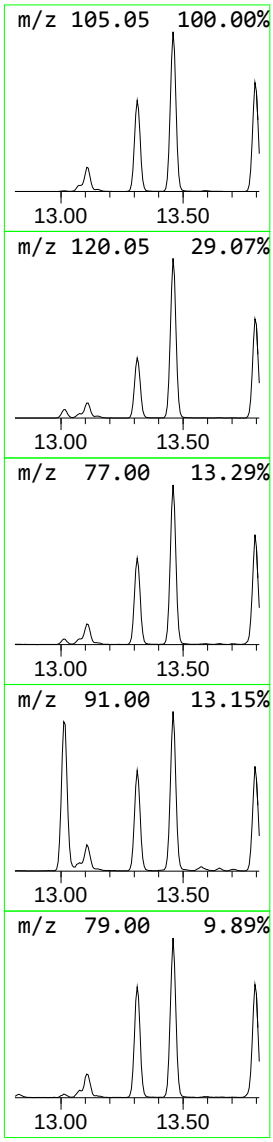
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.312	34.57 ug/l	9788630	1,4-Dichlorobenzene-d4	13.770

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	93
3	Mesitylene	120	C9H12	000108-67-8	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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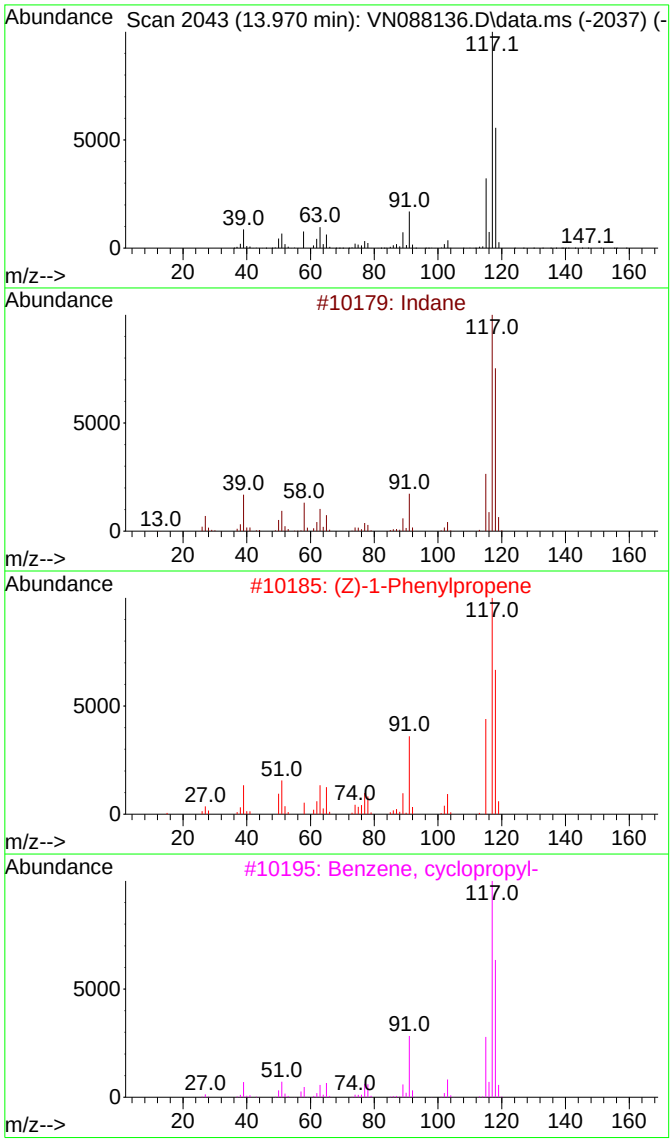
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

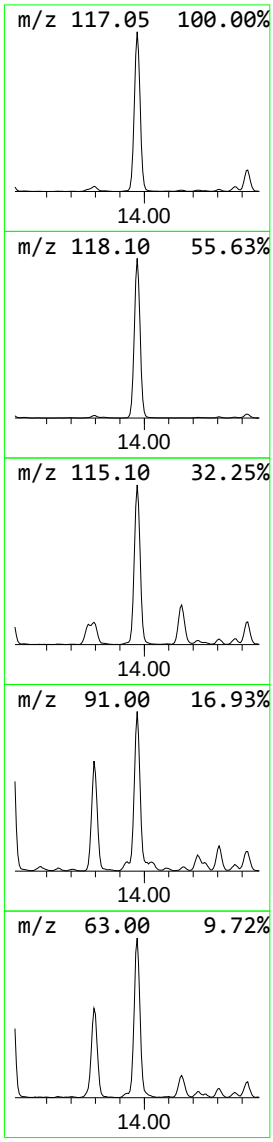
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.970	48.58 ug/l	13754200	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	72
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	59
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	59
5	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	53





Tentatively Identified Compound (LSC) summary

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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	2.536	18.9	ug/l	458851	1	8.206	1212500	50.0
2-Butene, 2-met...	3.865	16.1	ug/l	391369	1	8.206	1212500	50.0
Cyclopentane, m...	7.312	33.4	ug/l	808743	1	8.206	1212500	50.0
Di-sec-Butyl ether	10.741	19.3	ug/l	684891	3	11.847	1774260	50.0
Benzene, 1-ethy...	13.312	34.6	ug/l	9788630	4	13.770	14155700	50.0
Indane	13.970	48.6	ug/l	13754200	4	13.770	14155700	50.0