LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
Data File : VN072107.D
Acq On : 21 Apr 2022 03:54
Operator : JC\MD
Sample : N2482-12
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-23R

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: VN072107.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	38	46	57	rVB3	69465	174428	5.12%	0.873%
2	2.440	69	77	86	rVB	119882	205464	6.04%	1.028%
3	3.134	186	195	206	rVB	138906	317030	9.31%	1.587%
4	3.999	333	342	354	rVB2	21263	56330	1.66%	0.282%
5	4.575	428	440	451	rBV	31401	104896	3.08%	0.525%
6	5.075	516	525	534	rBV4	15913	58618	1.72%	0.293%
7	5.187	534	544	562	rVB2	59700	232358	6.83%	1.163%
8	5.616	606	617	628	rBV4	10168	35852	1.05%	0.179%
9	7.145	867	877	884	rBV4	29099	83057	2.44%	0.416%
10	7.216	884	889	898	rVB2	21794	52384	1.54%	0.262%
11	7.416	913	923	935	rBV2	27753	71425	2.10%	0.358%
12	8.022	1015	1026	1031	rBV	395329	995411	29.25%	4.982%
13	8.081	1031	1036	1050	rVB	795313	1825287	53.63%	9.136%
14	8.439	1087	1097	1109	rBV2	430949	1111458	32.66%	5.563%
15	8.598	1113	1124	1126	rBV5	19774	58795	1.73%	0.294%
16	8.963	1177	1186	1209	rBV	1149541	2391793	70.27%	11.972%
17	10.439	1428	1437	1445	rBV	1861067	3403478	100.00%	17.036%
18	10.498	1445	1447	1456	rVB	30301	53319	1.57%	0.267%
19	11.739	1649	1658	1670	rBV	1830030	3234122	95.02%	16.188%
20	11.839	1670	1675	1683	rVV	64877	112673	3.31%	0.564%
21	11.951	1685	1694	1702	rBV2	64167	133250	3.92%	0.667%
22	12.574	1792	1800	1806	rBV	31276	52412	1.54%	0.262%
23	12.727	1818	1826	1838	rBV	1376331	2303726	67.69%	11.531%
24	12.916	1852	1858	1864	rBV	28362	45105	1.33%	0.226%
25	13.363	1928	1934	1941	rBV	41149	67153	1.97%	0.336%
26	13.668	1978	1986	1999	rBV	1458522	2542208	74.69%	12.725%
27	13.874	2009	2021	2034	rVB	96717	188334	5.53%	0.943%
28	15.504	2288	2298	2307	rVB	31140	68368	2.01%	0.342%

Sum of corrected areas: 19978734

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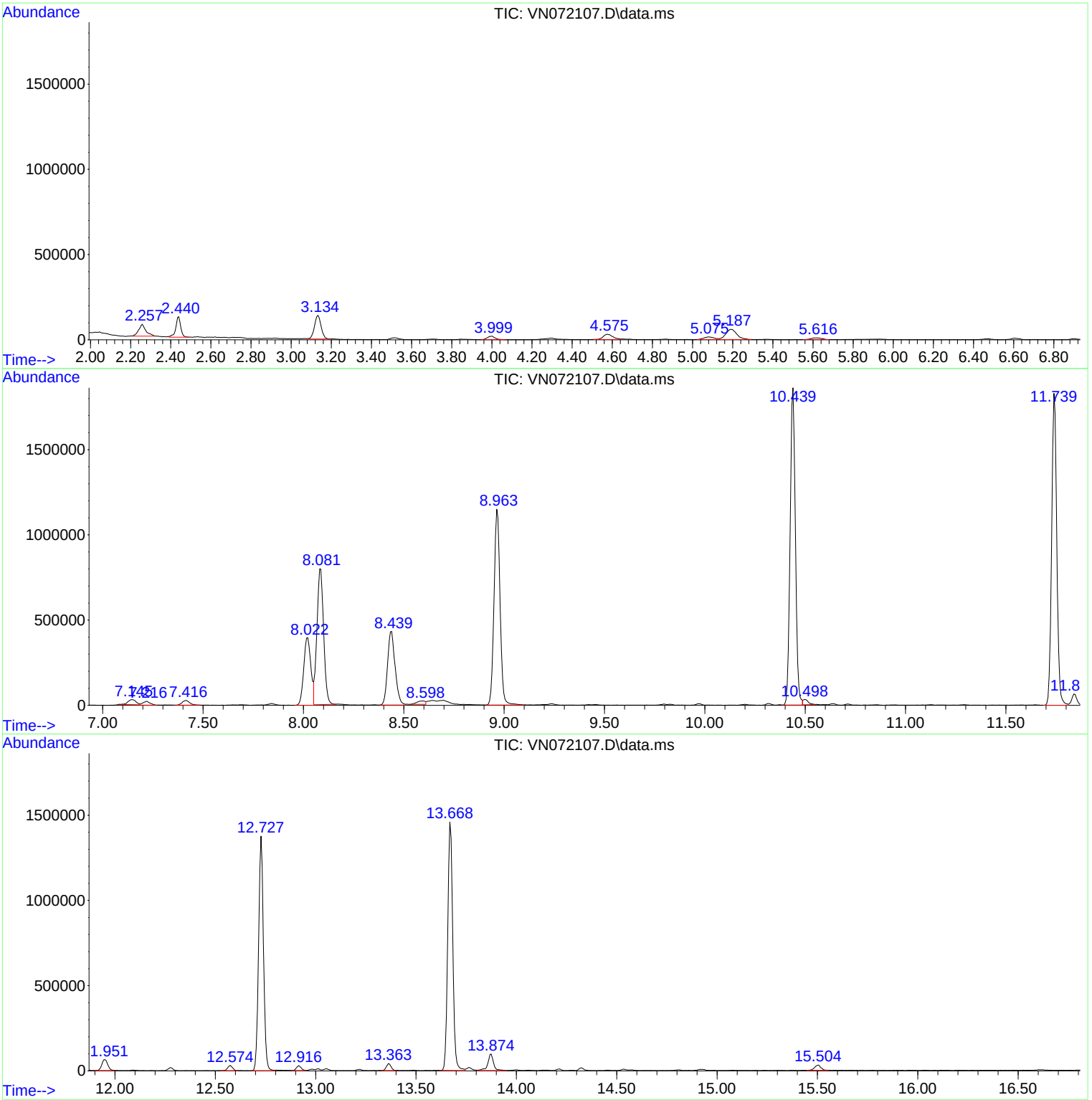
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

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



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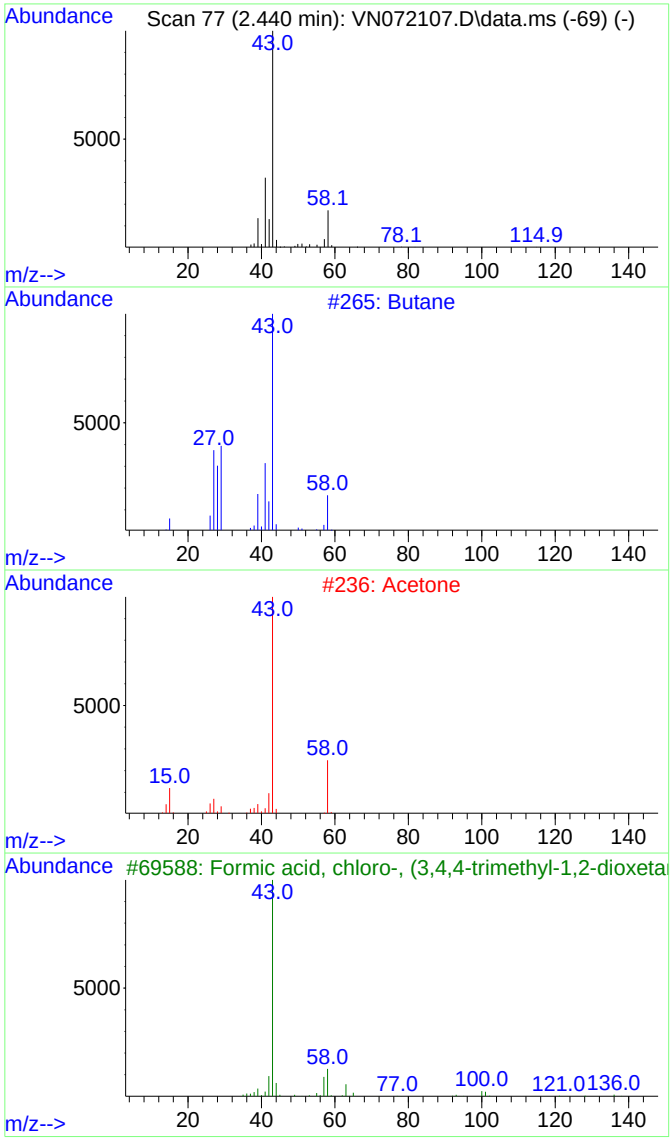
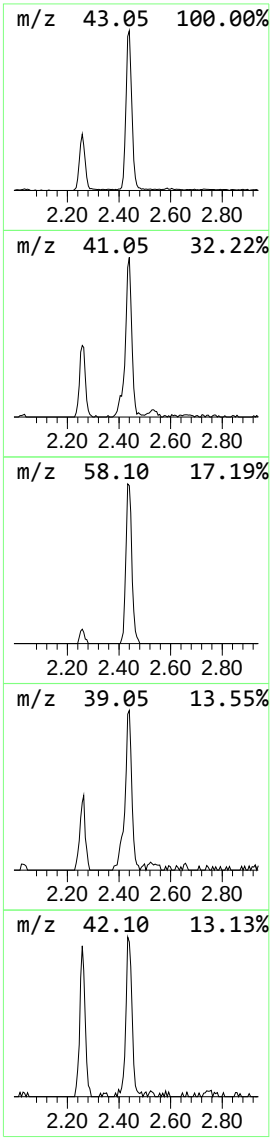
Peak Number 1 Butane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.440	5.63 ug/l	205464	Pentafluorobenzene	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	72
2	Acetone	58	C3H6O	000067-64-1	45
3	Formic acid, chloro-, (3,4,4-tri...	194	C7H11ClO4	107323-92-2	9
4	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





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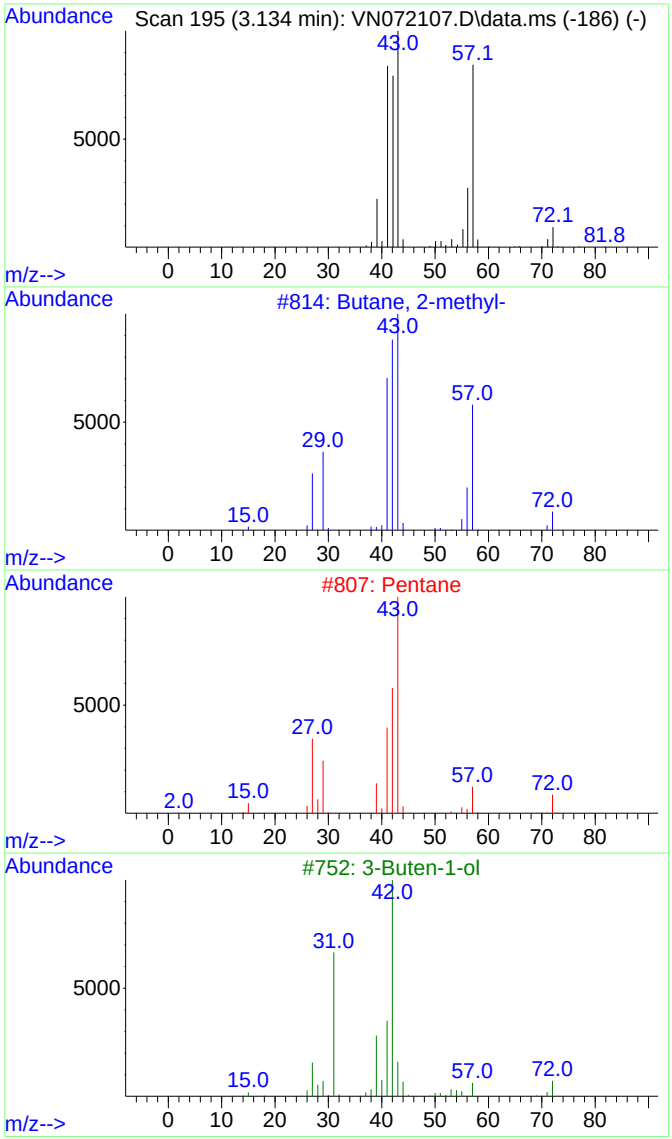
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

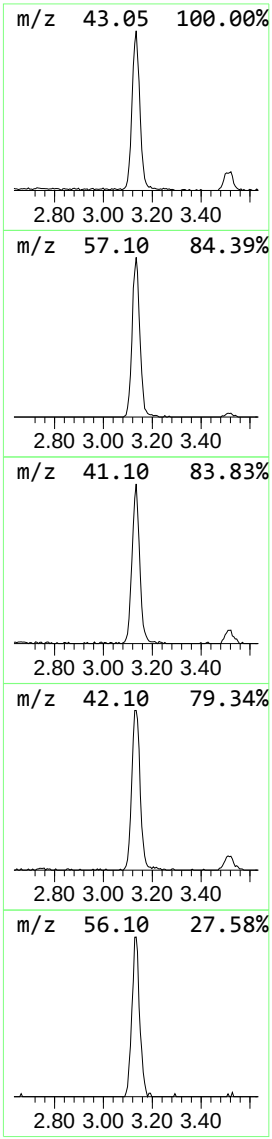
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.134	8.68 ug/l	317030	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	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	17
5	Oxalic acid, butyl propyl ester	188	C9H16O4	1000309-25-6	17





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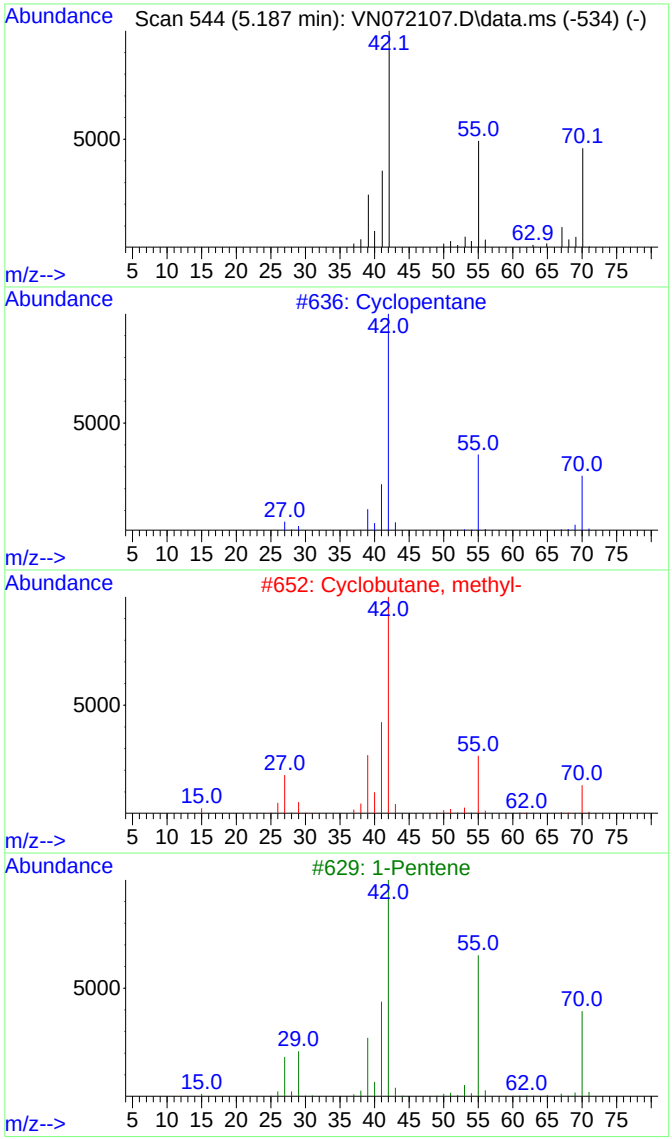
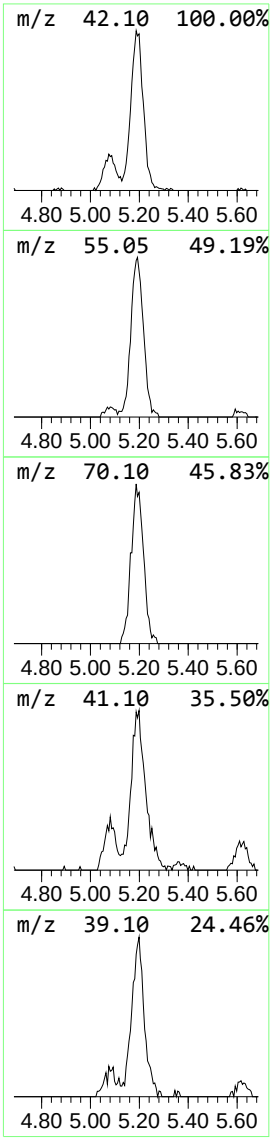
****
Peak Number 3 Cyclopentane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.187	6.36 ug/l	232358	Pentafluorobenzene	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	86
2	Cyclobutane, methyl-	70	C5H10	000598-61-8	80
3	1-Pentene	70	C5H10	000109-67-1	78
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	16
5	Isobutyronitrile	69	C4H7N	000078-82-0	4





Tentatively Identified Compound (LSC) summary

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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	2.440	5.6	ug/l	205464	1	8.081	1825290	50.0
Butane, 2-methyl-	3.134	8.7	ug/l	317030	1	8.081	1825290	50.0
Cyclopentane	5.187	6.4	ug/l	232358	1	8.081	1825290	50.0