LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101420\
Data File : VU040700.D
Acq On : 14 Oct 2020 15:47
Operator : SY/MD
Sample : L4401-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSC6

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_U\METHOD\SOMUTR100820WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.363	3	7	29	rVB	402468	382814	56.68%	7.550%
2	1.495	43	48	53	rBV2	7660	6831	1.01%	0.135%
3	1.527	53	58	68	rVB	10981	11605	1.72%	0.229%
4	1.598	71	80	93	rBV3	147940	234166	34.67%	4.618%
5	1.665	96	101	107	rBV	7813	7814	1.16%	0.154%
6	1.739	118	124	138	rVB2	13136	16160	2.39%	0.319%
7	1.922	170	181	191	rBV	62999	84818	12.56%	1.673%
8	2.006	200	207	214	rVB3	6293	7530	1.11%	0.149%
9	2.163	248	256	265	rVV	26108	35938	5.32%	0.709%
10	2.215	265	272	285	rVB4	8796	17357	2.57%	0.342%
11	2.466	343	350	361	rVB3	6837	12210	1.81%	0.241%
12	2.578	373	385	399	rBV	117393	190898	28.27%	3.765%
13	2.659	402	410	432	rVB2	4193	12173	1.80%	0.240%
14	2.864	461	474	480	rBV5	3176	7455	1.10%	0.147%
15	3.601	693	703	715	rVB3	3935	8394	1.24%	0.166%
16	4.655	1014	1031	1069	rBV	90363	286684	42.45%	5.654%
17	5.080	1147	1163	1185	rBV2	105734	238507	35.32%	4.704%
18	5.742	1348	1369	1389	rBV2	197141	519084	76.86%	10.238%
19	6.263	1515	1531	1550	rBV	148527	279991	41.46%	5.522%
20	6.703	1655	1668	1685	rBV	129368	248885	36.85%	4.909%
21	7.575	1926	1939	1954	rBV2	58840	104447	15.47%	2.060%
22	7.719	1975	1984	1994	rVB3	5397	9727	1.44%	0.192%
23	7.906	2024	2042	2056	rBV	221793	378860	56.10%	7.472%
24	8.186	2114	2129	2148	rBV2	41218	74535	11.04%	1.470%
25	8.642	2255	2271	2296	rBV	361907	675344	100.00%	13.320%
26	9.420	2500	2513	2538	rBV	220630	367638	54.44%	7.251%
27	10.755	2917	2928	2943	rBV	103621	167990	24.87%	3.313%
28	11.809	3243	3256	3272	rVV	196722	321861	47.66%	6.348%
29	12.189	3361	3374	3391	rBV	224451	360501	53.38%	7.110%

Sum of corrected areas: 5070217

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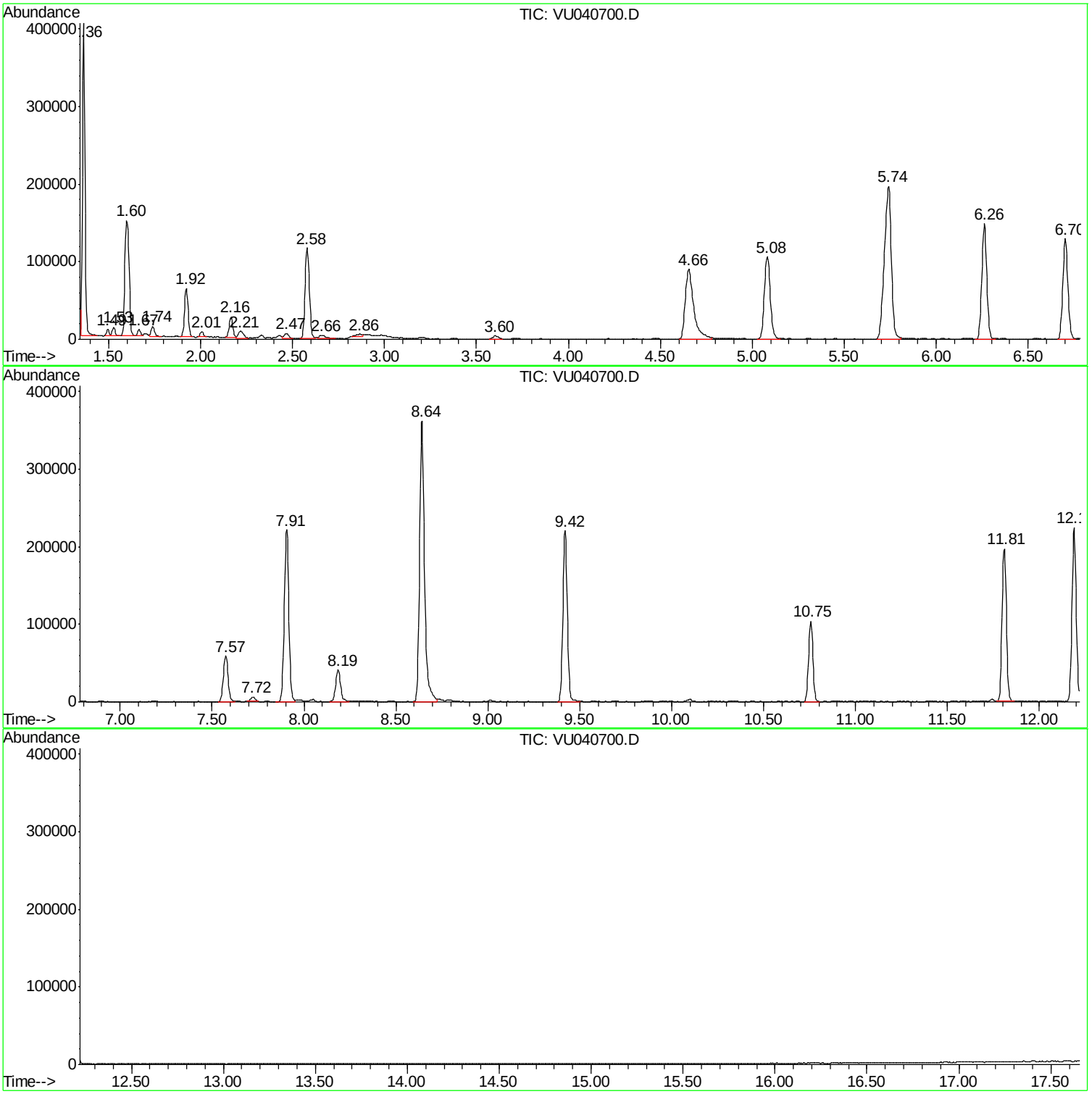
Instrument : MSVOA_U
ClientSampleId : BFSC6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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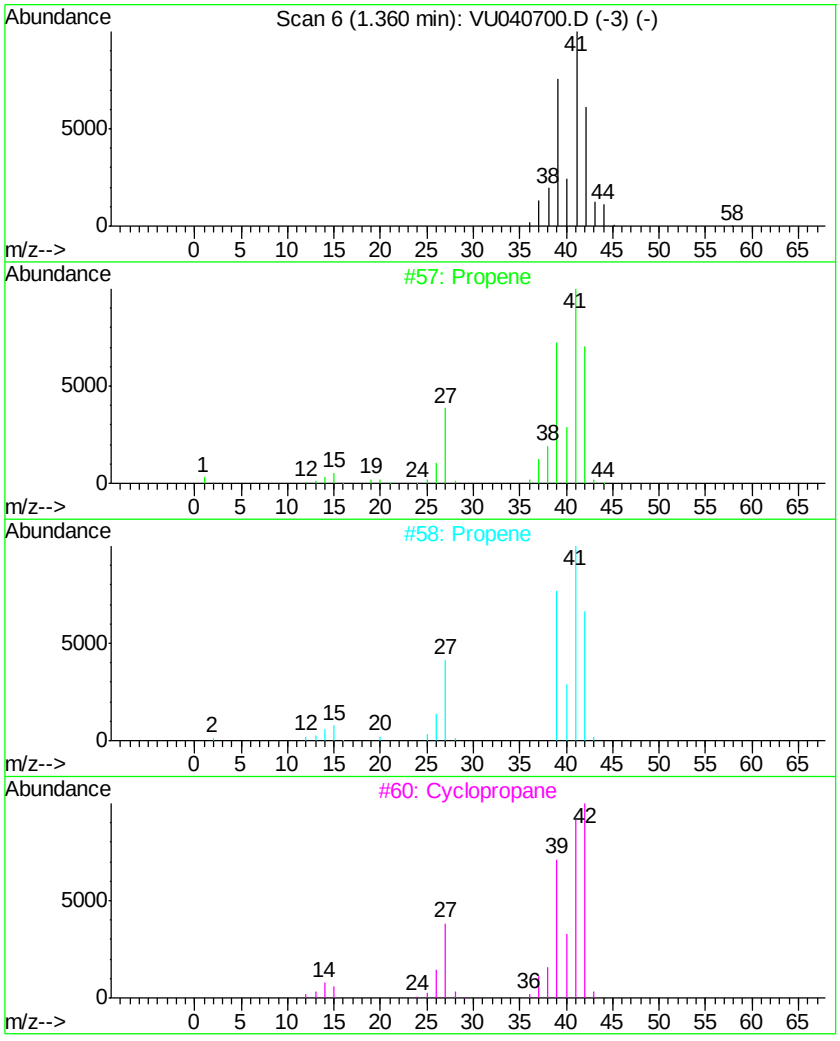
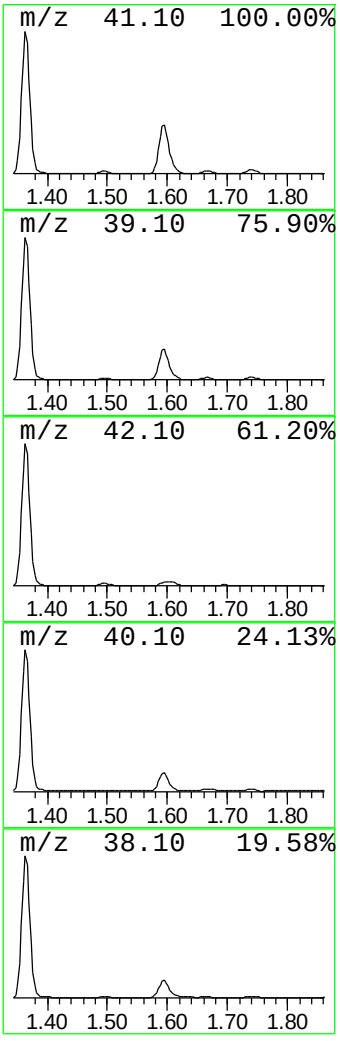
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.36	6.84 ug/L	382814	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	45
3	Cyclopropane	42	C3H6	000075-19-4	9
4	Cyclopropene	40	C3H4	002781-85-3	9
5	Cyclopropane	42	C3H6	000075-19-4	7





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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSC6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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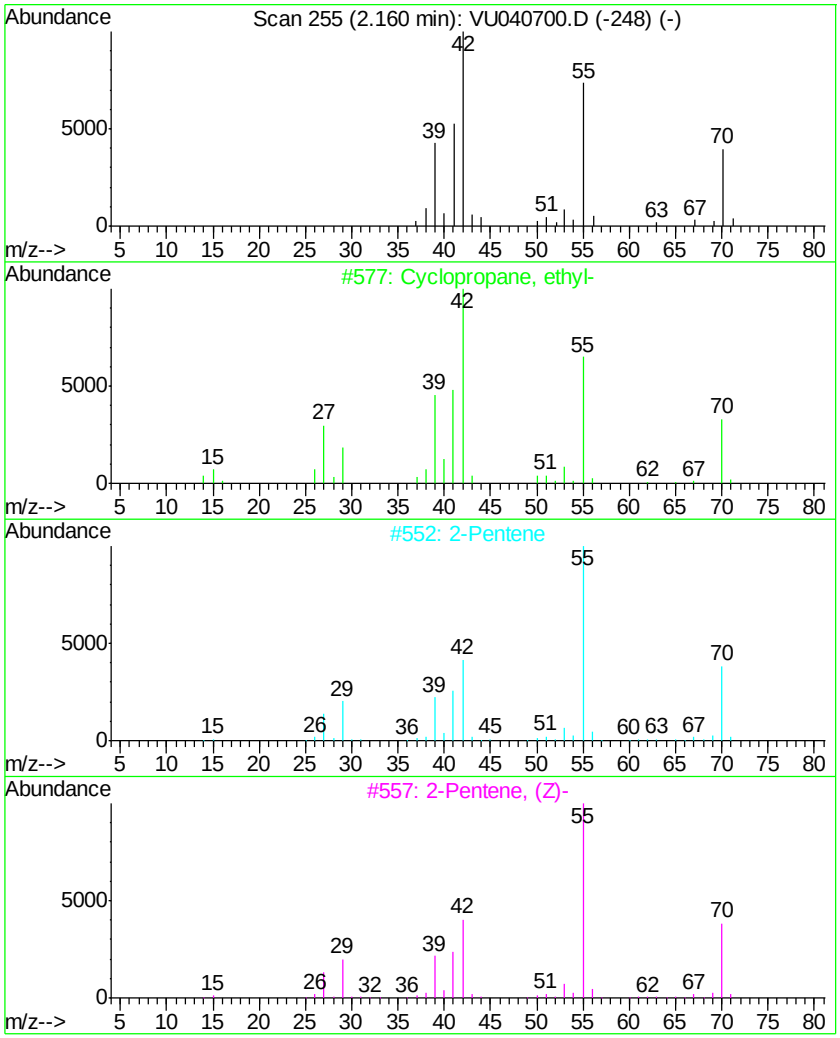
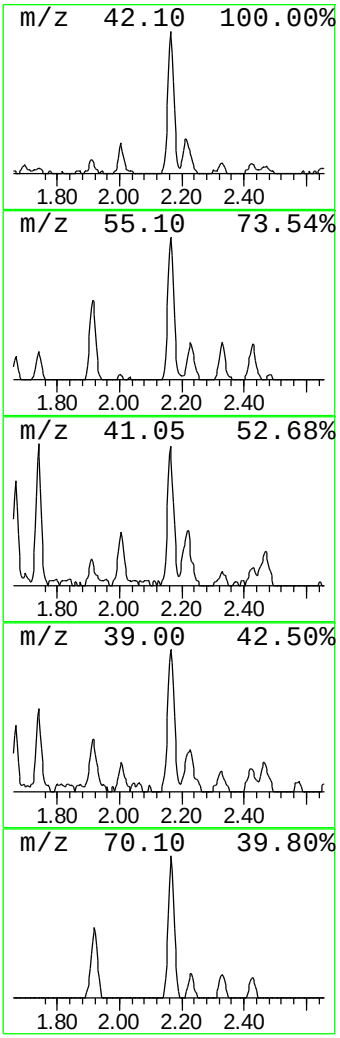
Peak Number 2 (DEL) Alkane: Cyclic2.16 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	0.64 ug/L	35938	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	91
2	2-Pentene	70	C5H10	000109-68-2	87
3	2-Pentene, (Z)-	70	C5H10	000627-20-3	87
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	83
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	68





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	1.36	6.8	ug/L	382814	1	6.26	279991	5.0
(DEL) Alkane: Cyc...	2.16	0.6	ug/L	35938	1	6.26	279991	5.0