LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101420\
Data File : VU040697.D
Acq On : 14 Oct 2020 14:37
Operator : SY/MD
Sample : L4401-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSC3

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	1.366	3	8	26	rVB	733209	703311	96.86%	11.415%
2	1.498	42	49	53	rBV	25482	25297	3.48%	0.411%
3	1.527	53	58	69	rVB	20825	23468	3.23%	0.381%
4	1.597	70	80	95	rBV3	280605	438814	60.43%	7.122%
5	1.668	96	102	109	rVV	11808	12055	1.66%	0.196%
6	1.742	118	125	133	rVB	22069	26122	3.60%	0.424%
7	1.922	170	181	197	rVB2	76628	110743	15.25%	1.797%
8	2.006	199	207	217	rBV	21227	28755	3.96%	0.467%
9	2.166	246	257	265	rBV	72419	101096	13.92%	1.641%
10	2.218	265	273	289	rVB3	29944	55721	7.67%	0.904%
11	2.330	297	308	318	rBV3	7374	12121	1.67%	0.197%
12	2.427	329	338	344	rBV2	10786	17118	2.36%	0.278%
13	2.469	344	351	366	rVB	18407	31126	4.29%	0.505%
14	2.581	374	386	401	rBV	128157	211311	29.10%	3.430%
15	2.993	503	514	535	rVB8	8026	22520	3.10%	0.366%
16	3.379	622	634	646	rVB6	3434	7547	1.04%	0.122%
17	3.607	687	705	721	rBV4	14866	34173	4.71%	0.555%
18	3.719	729	740	753	rVB4	5029	11123	1.53%	0.181%
19	4.662	1015	1033	1067	rBV2	78314	292537	40.29%	4.748%
20	5.083	1145	1164	1186	rBV	107069	242039	33.33%	3.928%
21	5.742	1341	1369	1385	rBV2	213340	560888	77.24%	9.104%
22	6.038	1451	1461	1472	rVB5	4979	8859	1.22%	0.144%
23	6.263	1517	1531	1549	rBV	160058	296865	40.88%	4.818%
24	6.703	1653	1668	1686	rBV2	135930	265921	36.62%	4.316%
25	7.575	1925	1939	1959	rBV2	64907	114629	15.79%	1.861%
26	7.726	1975	1986	1995	rVB4	6188	11050	1.52%	0.179%
27	7.906	2028	2042	2057	rBV	241914	416990	57.43%	6.768%
28	8.185	2117	2129	2150	rBV	42863	76733	10.57%	1.245%
29	8.642	2258	2271	2299	rBV	373752	726133	100.00%	11.786%
30	9.420	2500	2513	2537	rBV	231775	386429	53.22%	6.272%
31	10.755	2917	2928	2946	rBV	108984	178114	24.53%	2.891%
32	11.809	3240	3256	3269	rBV	204189	327511	45.10%	5.316%
33	12.189	3362	3374	3390	rBV	236875	384053	52.89%	6.233%

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Peak separation: 5

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

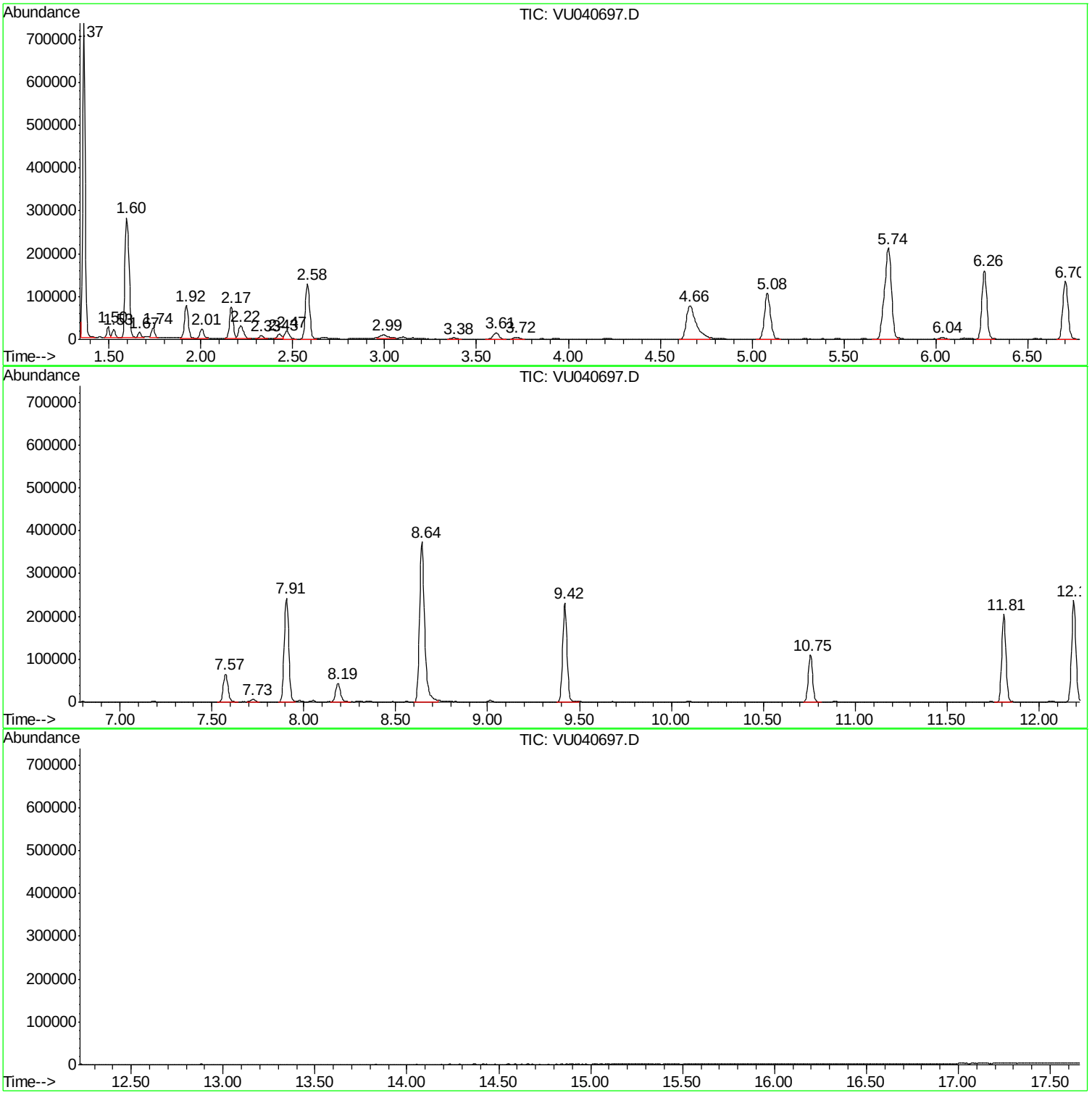
Sum of corrected areas: 6161172

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101420\
Data File : VU040697.D
Acq On : 14 Oct 2020 14:37
Operator : SY/MD
Sample : L4401-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSC3

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

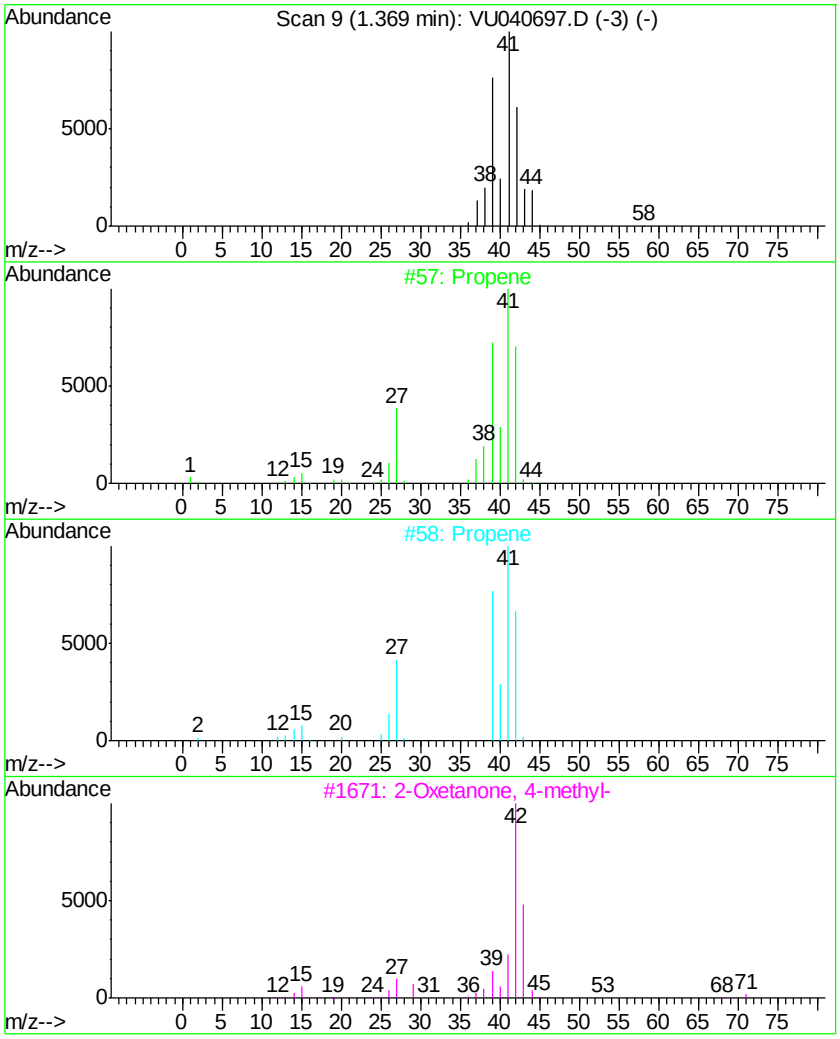
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

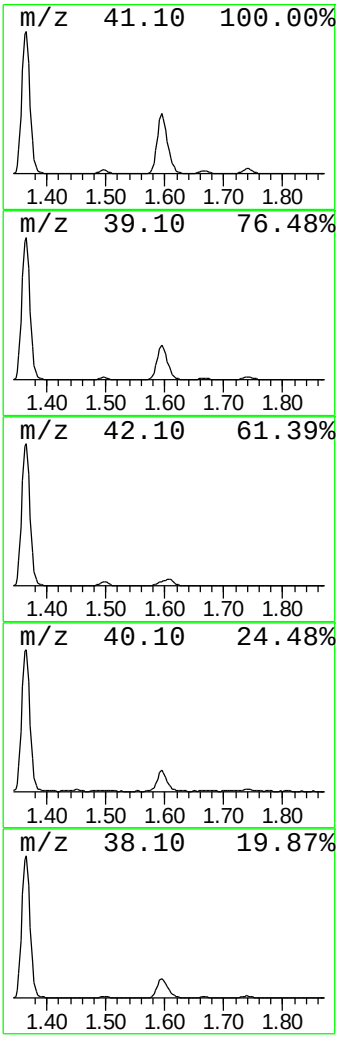
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	11.85 ug/L	703311	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	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	9
4	Cyclopropane	42	C3H6	000075-19-4	9
5	Cyclopropene	40	C3H4	002781-85-3	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101420\
Data File : VU040697.D
Acq On : 14 Oct 2020 14:37
Operator : SY/MD
Sample : L4401-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSC3

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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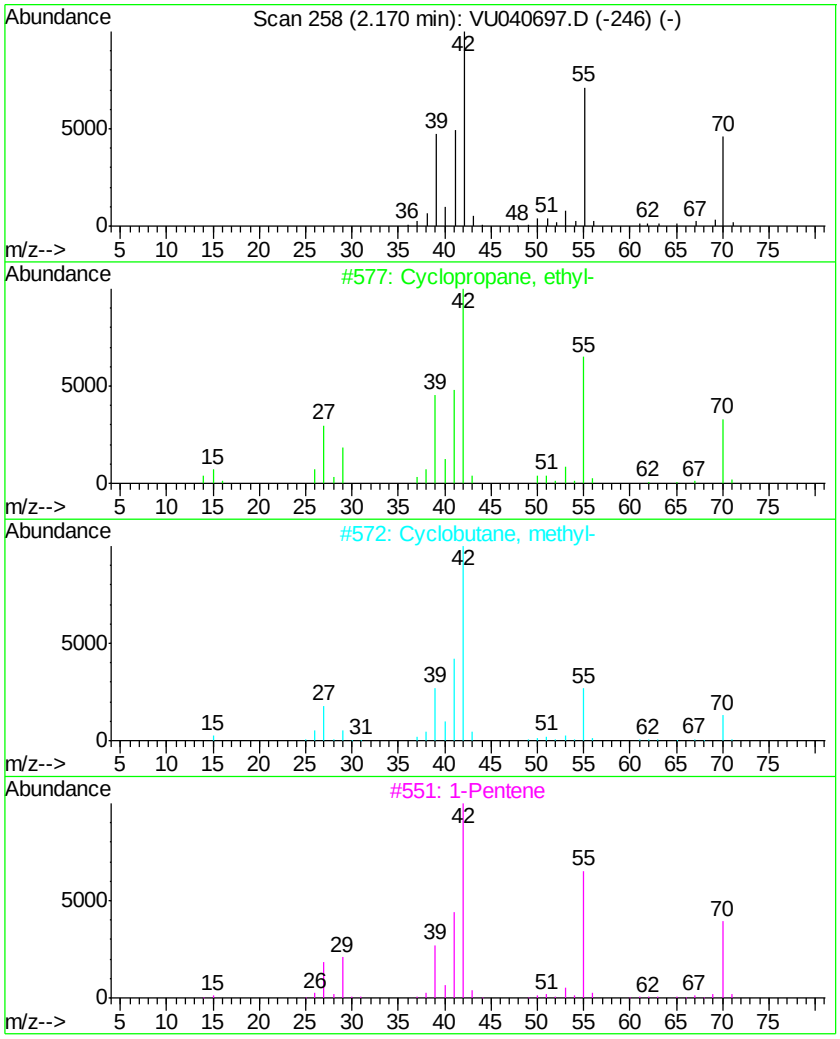
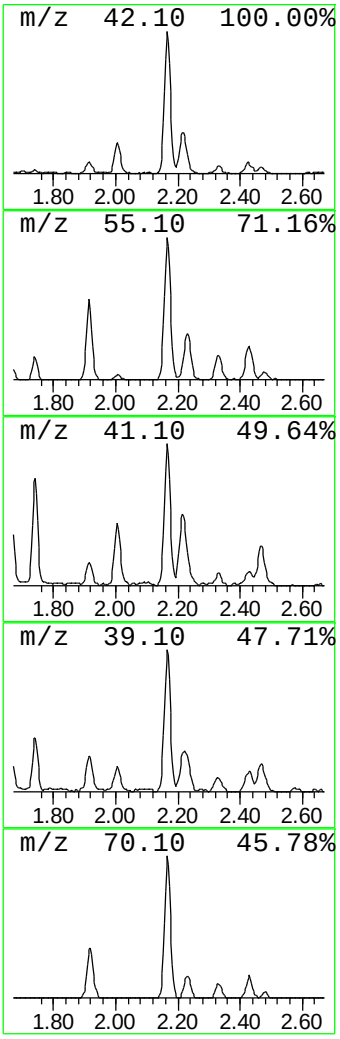
Peak Number 2 (DEL) Alkane: Cyclic2.17 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	1.70 ug/L	101096	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	86
2	Cyclobutane, methyl-	70	C5H10	000598-61-8	64
3	1-Pentene	70	C5H10	000109-67-1	64
4	1-Pentene	70	C5H10	000109-67-1	62
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	62





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ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSC3

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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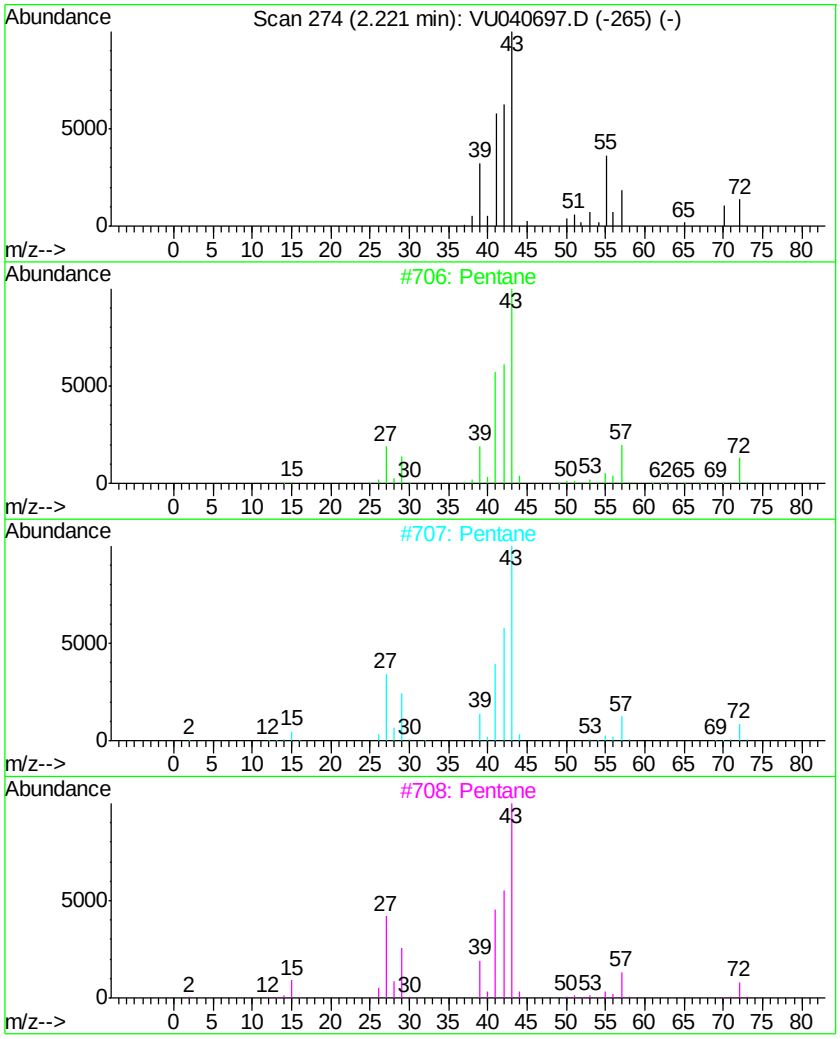
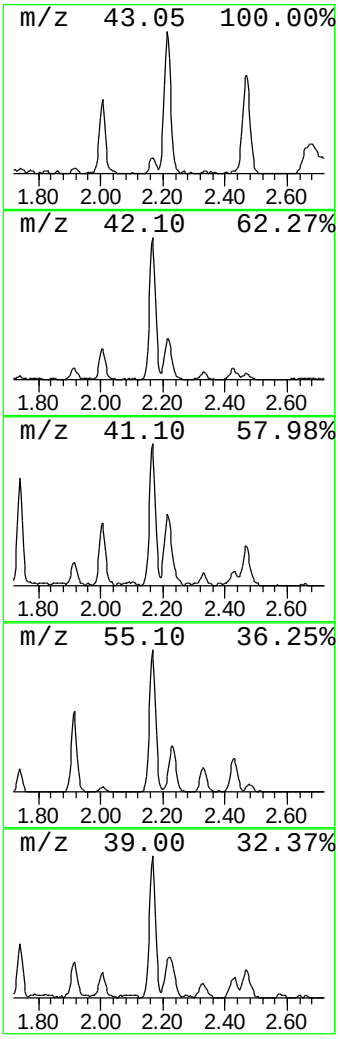
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	0.94 ug/L	55721	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	78
2	Pentane	72	C5H12	000109-66-0	72
3	Pentane	72	C5H12	000109-66-0	72
4	Pentane	72	C5H12	000109-66-0	64
5	Oxirane, ethyl-	72	C4H8O	000106-88-7	47





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ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSC3

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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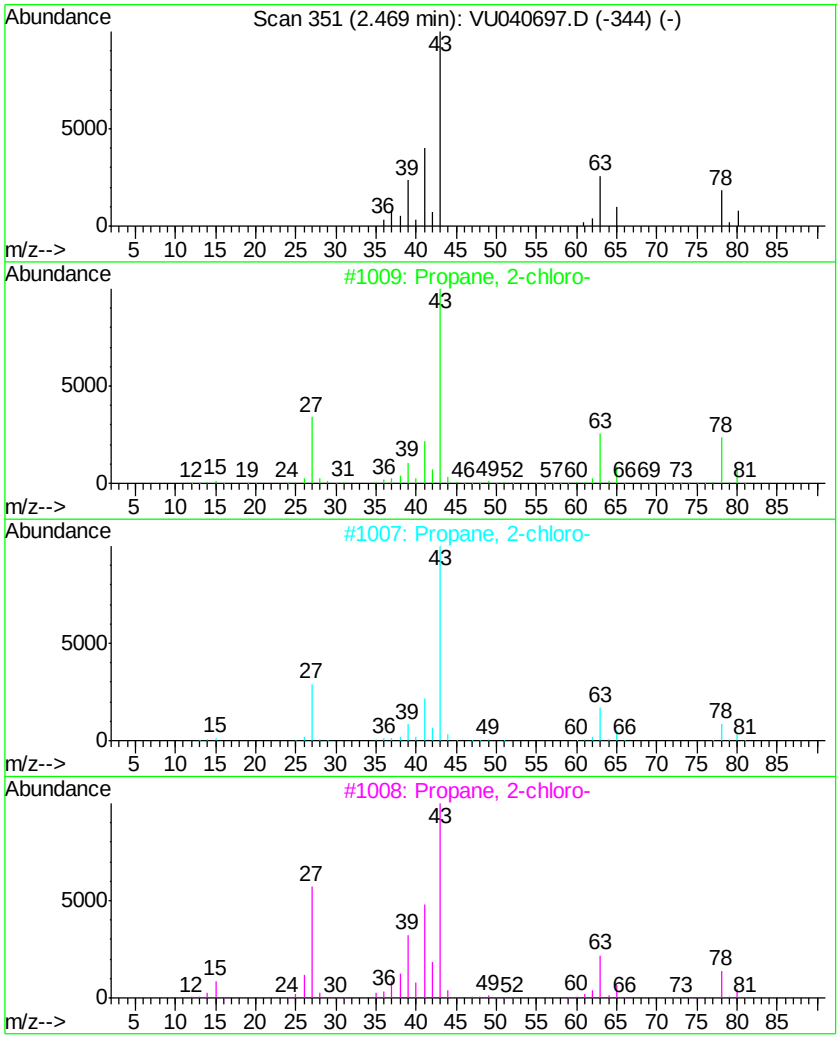
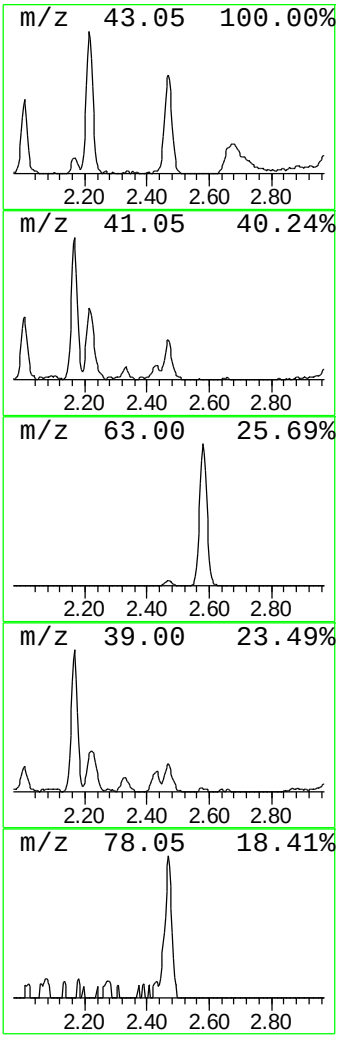
Peak Number 4 Propane, 2-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.47	0.52 ug/L	31126	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	80
2	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	50
3	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	50
4	Hydrogen azide	43	HN3	007782-79-8	3
5	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	2





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ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSC3

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

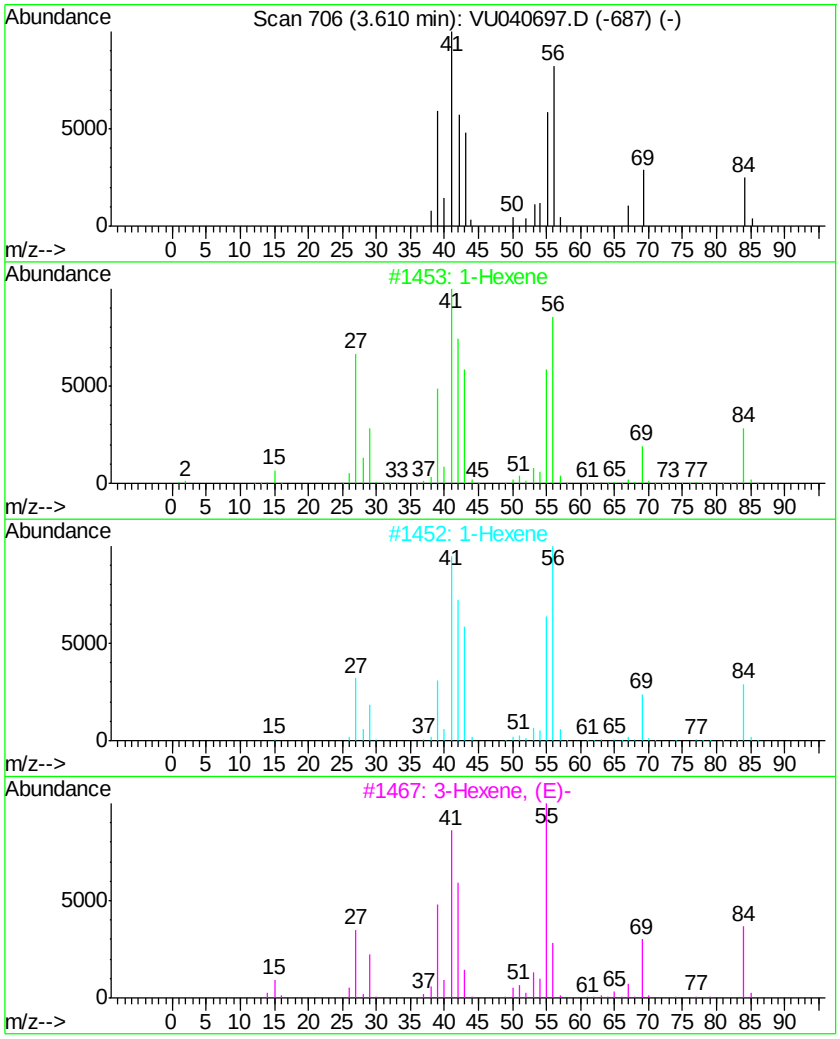
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

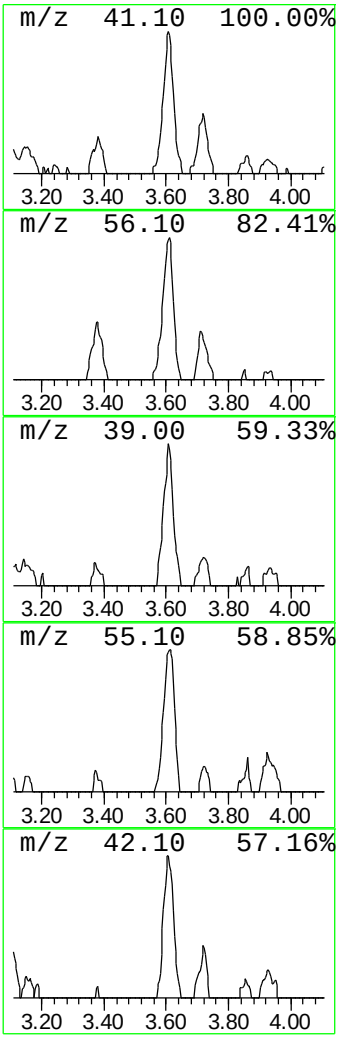
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	0.58 ug/L	34173	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene	84	C6H12	000592-41-6	87
2	1-Hexene	84	C6H12	000592-41-6	64
3	3-Hexene, (E)-	84	C6H12	013269-52-8	58
4	3-Hexene, (Z)-	84	C6H12	007642-09-3	50
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	47





Tentatively Identified Compound (LSC) summary

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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...	1.37	11.9	ug/L	703311	1	6.26	296865	5.0
(DEL) Alkane: Cyc...	2.17	1.7	ug/L	101096	1	6.26	296865	5.0
(DEL) Alkane: Str...	2.22	0.9	ug/L	55721	1	6.26	296865	5.0
Propane, 2-chloro-	2.47	0.5	ug/L	31126	1	6.26	296865	5.0
(DEL) Alkane: Str...	3.61	0.6	ug/L	34173	1	6.26	296865	5.0