LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101420\
Data File : VU040701.D
Acq On : 14 Oct 2020 16:11
Operator : SY/MD
Sample : L4401-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSC7

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	22	rVB	680075	651204	94.54%	10.957%
2	1.495	42	48	53	rBV	28153	27719	4.02%	0.466%
3	1.527	53	58	67	rVB	48133	52698	7.65%	0.887%
4	1.597	70	80	95	rBV3	259192	417866	60.67%	7.031%
5	1.665	95	101	107	rVB	11657	12032	1.75%	0.202%
6	1.739	118	124	135	rVB	21705	24584	3.57%	0.414%
7	1.922	171	181	198	rVB2	70812	103059	14.96%	1.734%
8	2.006	198	207	220	rBV	20468	29051	4.22%	0.489%
9	2.167	246	257	265	rBV	61053	85628	12.43%	1.441%
10	2.218	265	273	290	rVB4	31344	57616	8.36%	0.969%
11	2.327	299	307	314	rVB3	7555	9773	1.42%	0.164%
12	2.427	328	338	342	rBV2	10742	15261	2.22%	0.257%
13	2.466	343	350	365	rVB	33109	55758	8.09%	0.938%
14	2.578	374	385	402	rBV	118901	197753	28.71%	3.327%
15	2.993	504	514	525	rVB6	4947	10734	1.56%	0.181%
16	3.379	622	634	647	rVB5	3312	7273	1.06%	0.122%
17	3.607	690	705	719	rBV5	11185	26880	3.90%	0.452%
18	3.716	729	739	750	rVB4	5149	11008	1.60%	0.185%
19	4.658	1015	1032	1076	rBV2	75398	281230	40.83%	4.732%
20	5.083	1148	1164	1186	rBV2	102041	226069	32.82%	3.804%
21	5.742	1345	1369	1396	rBV2	200704	533787	77.50%	8.981%
22	6.170	1485	1502	1517	rBV3	4512	13084	1.90%	0.220%
23	6.263	1517	1531	1551	rVV	158087	295996	42.97%	4.980%
24	6.703	1653	1668	1689	rBV	130985	255729	37.13%	4.303%
25	7.575	1927	1939	1955	rBV2	60431	106433	15.45%	1.791%
26	7.906	2028	2042	2058	rBV	224952	385263	55.93%	6.482%
27	8.186	2116	2129	2149	rVB2	40249	75128	10.91%	1.264%
28	8.642	2254	2271	2304	rBV	362958	688798	100.00%	11.589%
29	9.015	2377	2387	2397	rVB3	11956	19387	2.81%	0.326%
30	9.420	2498	2513	2538	rBV	236463	394764	57.31%	6.642%
31	10.758	2916	2929	2947	rVB	102612	169166	24.56%	2.846%
32	11.809	3244	3256	3273	rBV	213459	338877	49.20%	5.702%
33	12.189	3362	3374	3390	rBV	226114	363813	52.82%	6.121%

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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: 5943421

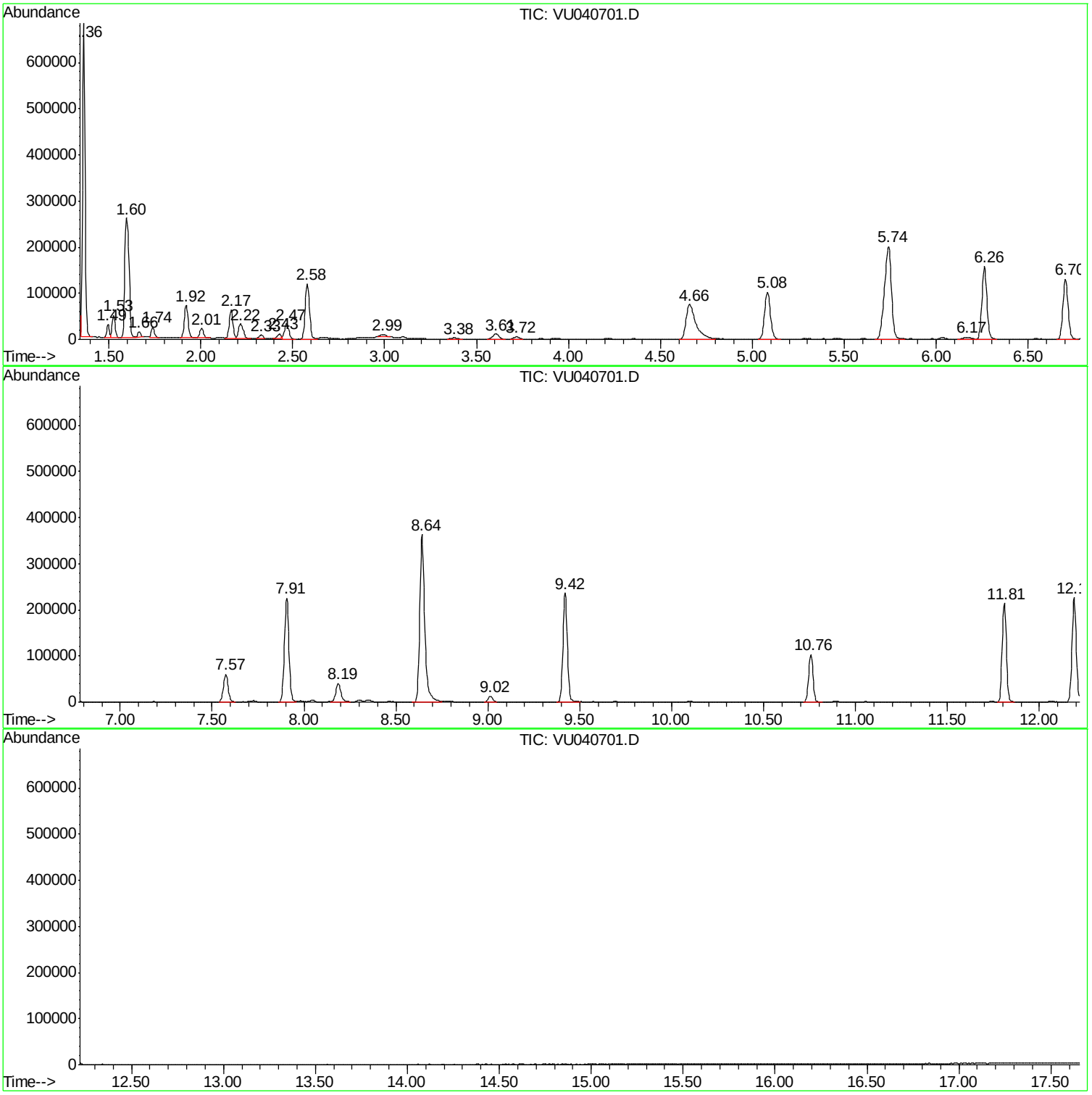
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101420\
Data File : VU040701.D
Acq On : 14 Oct 2020 16:11
Operator : SY/MD
Sample : L4401-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSC7

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101420\
Data File : VU040701.D
Acq On : 14 Oct 2020 16:11
Operator : SY/MD
Sample : L4401-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSC7

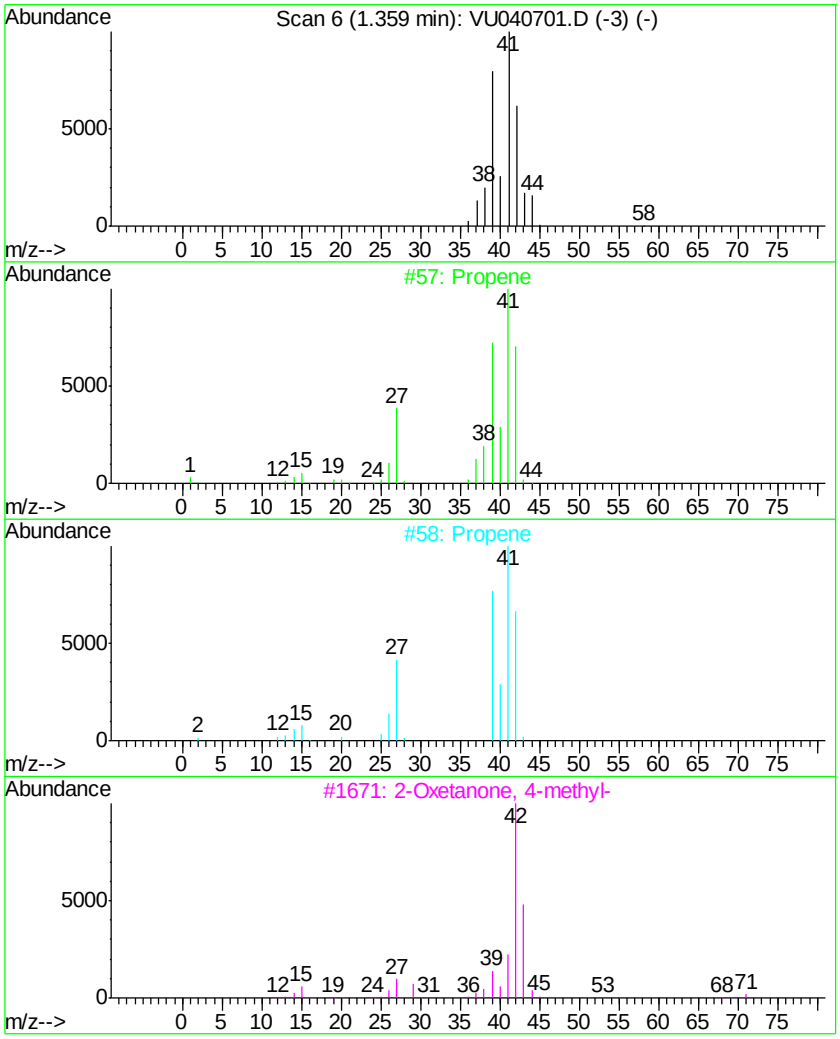
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0

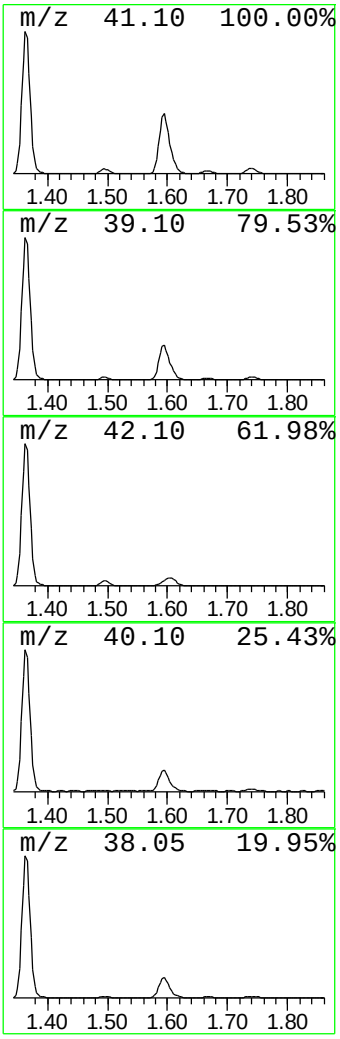
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.36	11.00 ug/L	651204	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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101420\
Data File : VU040701.D
Acq On : 14 Oct 2020 16:11
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ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSC7

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

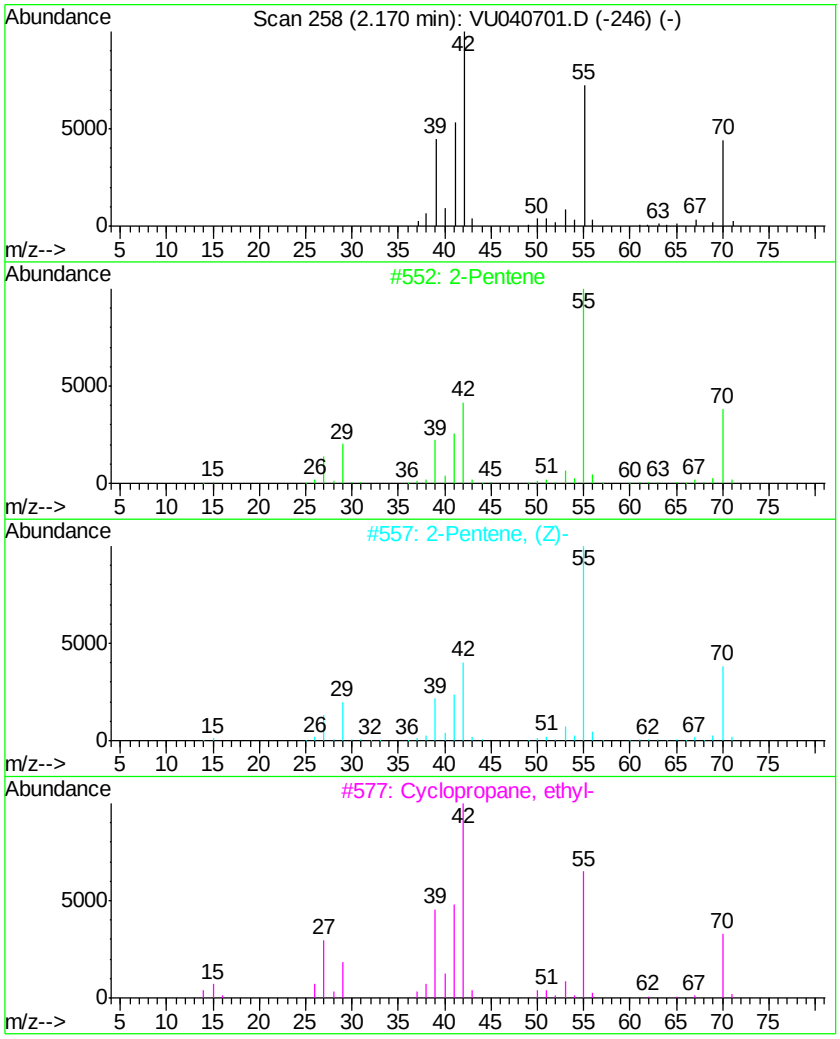
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

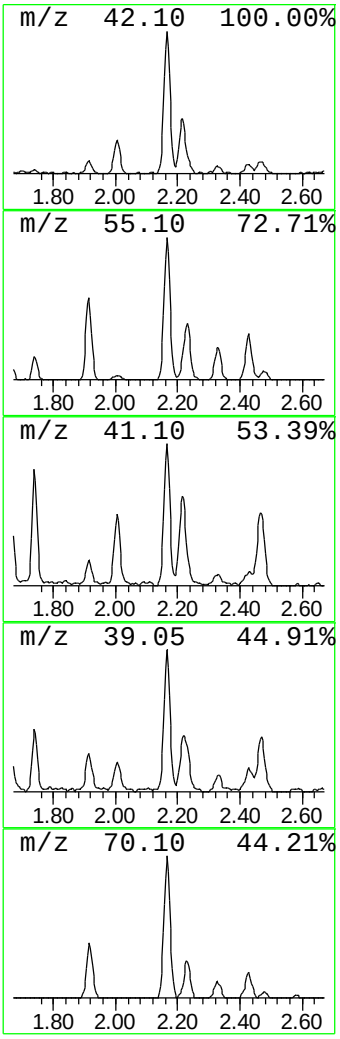
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	1.45 ug/L	85628	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene	70	C5H10	000109-68-2	86
2	2-Pentene, (Z)-	70	C5H10	000627-20-3	86
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	86
4	1-Pentene	70	C5H10	000109-67-1	68
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101420\
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Acq On : 14 Oct 2020 16:11
Operator : SY/MD
Sample : L4401-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSC7

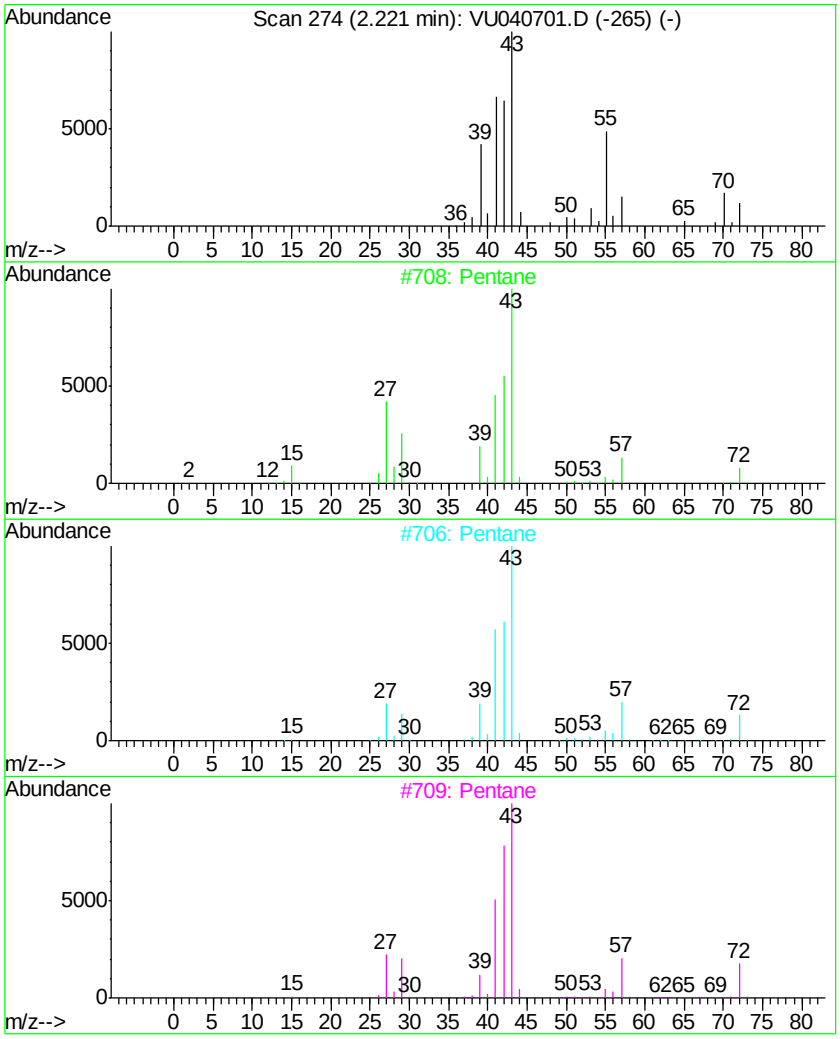
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0

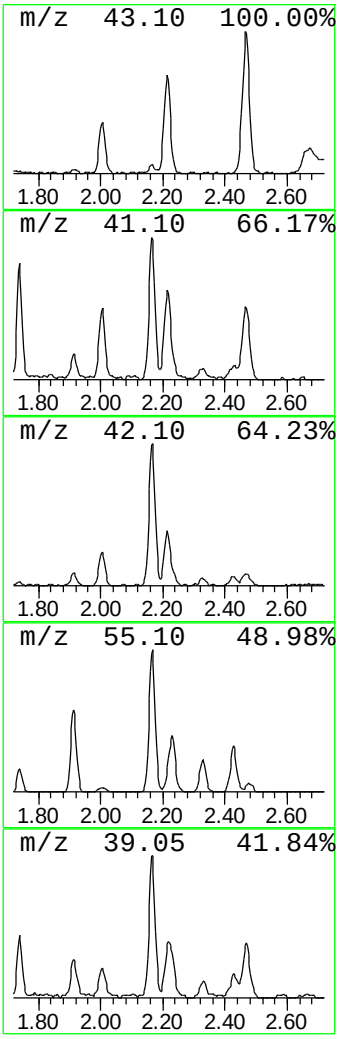
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	0.97 ug/L	57616	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	72
2	Pentane	72	C5H12	000109-66-0	72
3	Pentane	72	C5H12	000109-66-0	64
4	Pentane	72	C5H12	000109-66-0	64
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101420\
Data File : VU040701.D
Acq On : 14 Oct 2020 16:11
Operator : SY/MD
Sample : L4401-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSC7

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

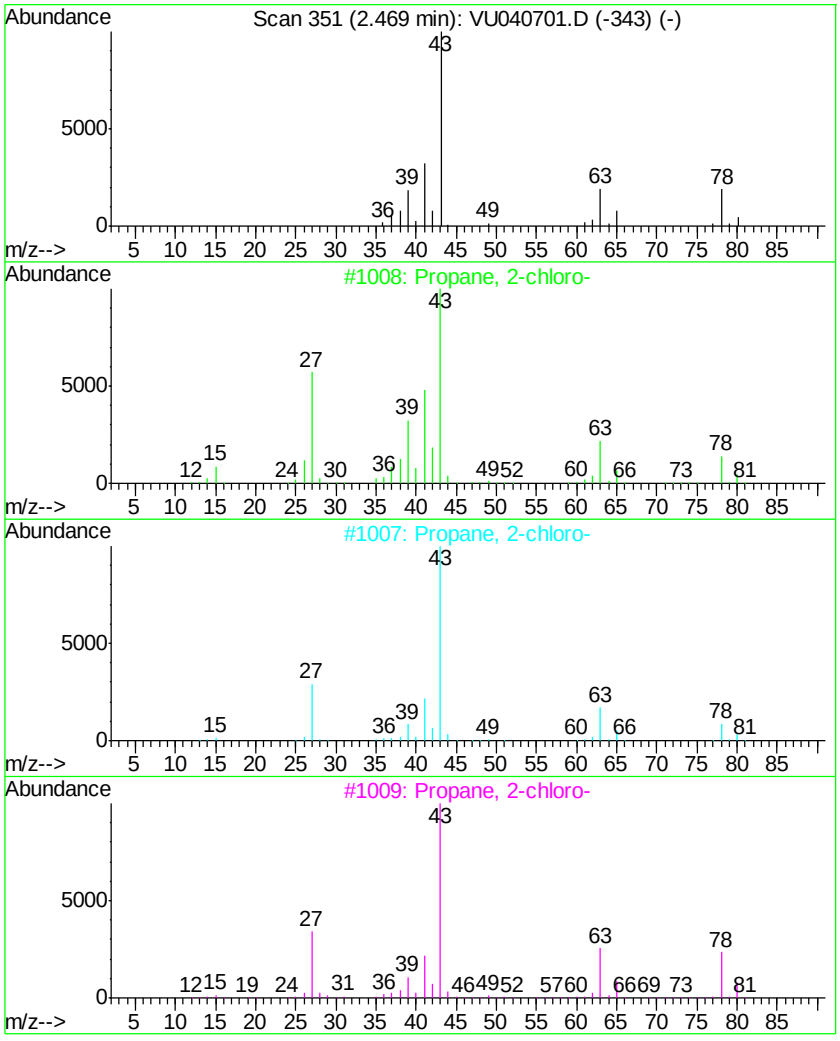
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

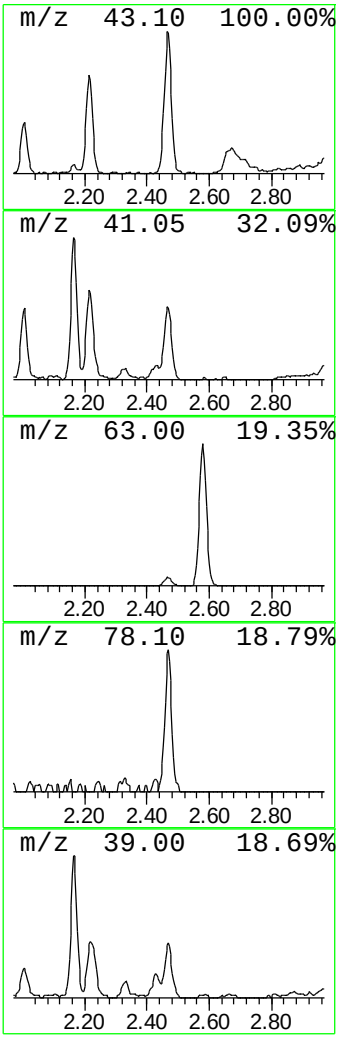
****

Peak Number 4 Propane, 2-chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.47	0.94 ug/L	55758	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	78
2	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	72
3	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	64
4	Hydrogen azide	43	HN3	007782-79-8	4
5	(S)-(-)-2-Chloropropionic acid	108	C3H5ClO2	029617-66-1	4





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101420\
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ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSC7

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	11.0	ug/L	651204	1	6.26	295996	5.0
(DEL) Alkane: Str...	2.17	1.5	ug/L	85628	1	6.26	295996	5.0
(DEL) Alkane: Str...	2.22	1.0	ug/L	57616	1	6.26	295996	5.0
Propane, 2-chloro-	2.47	0.9	ug/L	55758	1	6.26	295996	5.0