LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
Data File : VU038066.D
Acq On : 08 May 2020 02:39
Operator : JC/MD
Sample : L2528-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSL3

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\SOMUTR050720WMA.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	1.369	3	9	22	rVB	374961	377036	23.34%	2.405%
2	1.610	74	84	95	rBV	227015	252383	15.63%	1.610%
3	1.697	105	111	123	rVB	19863	24156	1.50%	0.154%
4	1.929	175	183	192	rBV	171524	217209	13.45%	1.386%
5	2.591	373	389	401	rBV	296523	490202	30.35%	3.127%
6	2.652	401	408	419	rVB	12283	21367	1.32%	0.136%
7	2.784	435	449	464	rBV2	46049	87553	5.42%	0.559%
8	3.215	567	583	596	rBV	22659	50853	3.15%	0.324%
9	3.392	623	638	656	rBV4	46515	105311	6.52%	0.672%
10	3.626	694	711	726	rBV6	16505	36273	2.25%	0.231%
11	3.732	729	744	761	rBV2	66551	152223	9.42%	0.971%
12	4.568	985	1004	1019	rBV3	102229	245212	15.18%	1.564%
13	4.665	1019	1034	1071	rVV3	279712	764909	47.36%	4.880%
14	4.842	1073	1089	1110	rBV	378011	809057	50.09%	5.161%
15	5.099	1152	1169	1194	rBV2	305725	740010	45.82%	4.721%
16	5.758	1352	1374	1399	rBV2	543227	1385785	85.80%	8.841%
17	6.279	1521	1536	1566	rBV	469849	889429	55.07%	5.674%
18	6.719	1657	1673	1691	rBV	337259	648322	40.14%	4.136%
19	7.067	1767	1781	1800	rBV	710818	1213884	75.16%	7.744%
20	7.591	1931	1944	1960	rBV	168357	292197	18.09%	1.864%
21	7.922	2032	2047	2061	rBV	660531	1175111	72.76%	7.497%
22	7.993	2061	2069	2082	rVB	67205	123916	7.67%	0.791%
23	8.202	2122	2134	2147	rBV	101500	169842	10.52%	1.084%
24	8.655	2259	2275	2313	rBV	828379	1615141	100.00%	10.304%
25	8.806	2314	2322	2329	rVV4	18574	31388	1.94%	0.200%
26	8.854	2329	2337	2350	rVB2	32029	52168	3.23%	0.333%
27	9.436	2503	2518	2539	rBV	657084	1126457	69.74%	7.186%
28	10.771	2920	2933	2950	rBV	233187	373038	23.10%	2.380%
29	11.825	3248	3261	3280	rVB	677395	1088639	67.40%	6.945%
30	12.205	3366	3379	3397	rVB	619428	992808	61.47%	6.334%
31	12.694	3523	3531	3540	rVB4	11567	16613	1.03%	0.106%
32	12.909	3586	3598	3616	rVB2	69415	106787	6.61%	0.681%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
Data File : VU038066.D
Acq On : 08 May 2020 02:39
Operator : JC/MD
Sample : L2528-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSL3

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\SOMUTR050720WMA.M
Title : TRACE VOA SOM01.0

Sum of corrected areas: 15675279

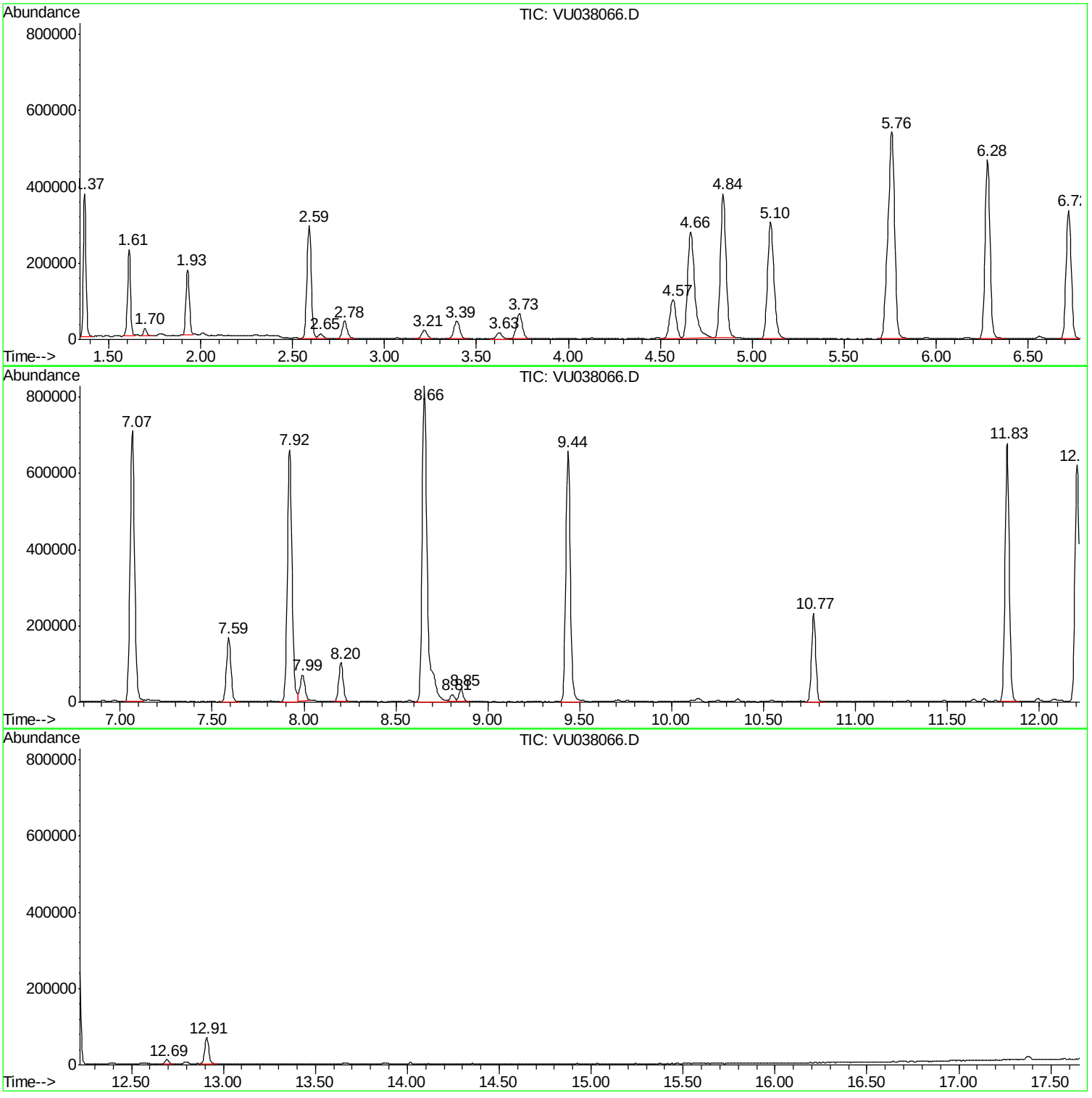
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
Data File : VU038066.D
Acq On : 08 May 2020 02:39
Operator : JC/MD
Sample : L2528-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSL3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050720\
Data File : VU038066.D
Acq On : 08 May 2020 02:39
Operator : JC/MD
Sample : L2528-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSL3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

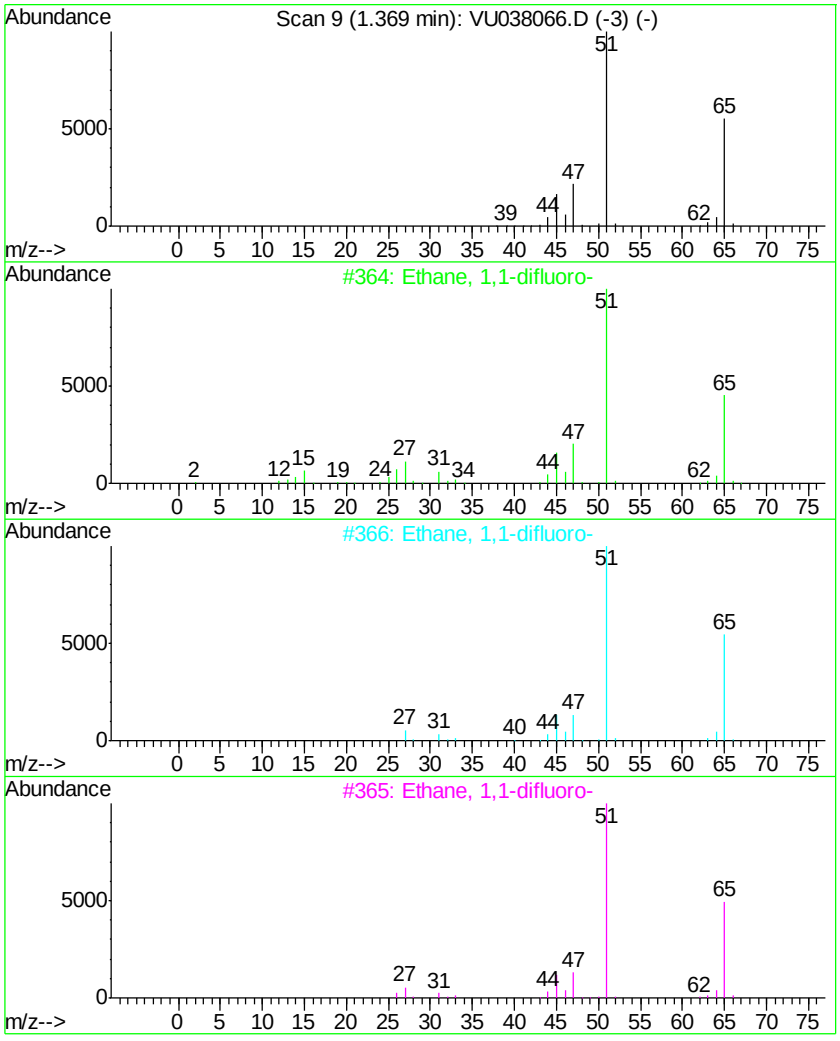
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

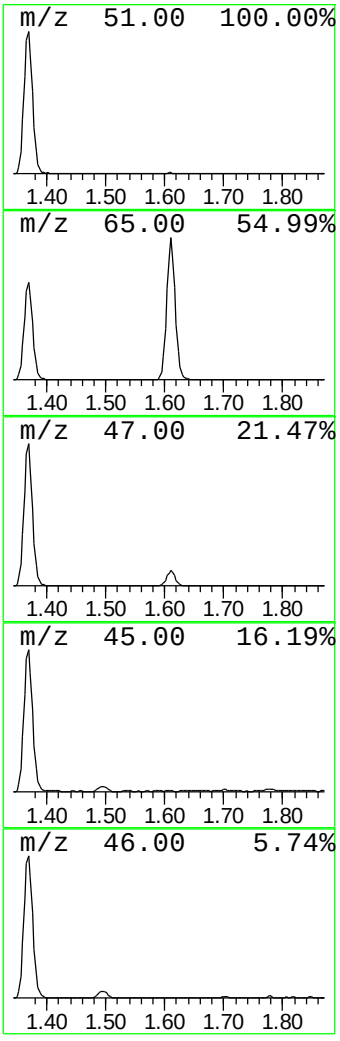
****

Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	2.12 ug/L	377036	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	91
2	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	91
3	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	90
4	Propiolonitrile	51	C3HN	001070-71-9	3
5	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	2





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050720\
Data File : VU038066.D
Acq On : 08 May 2020 02:39
Operator : JC/MD
Sample : L2528-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSL3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

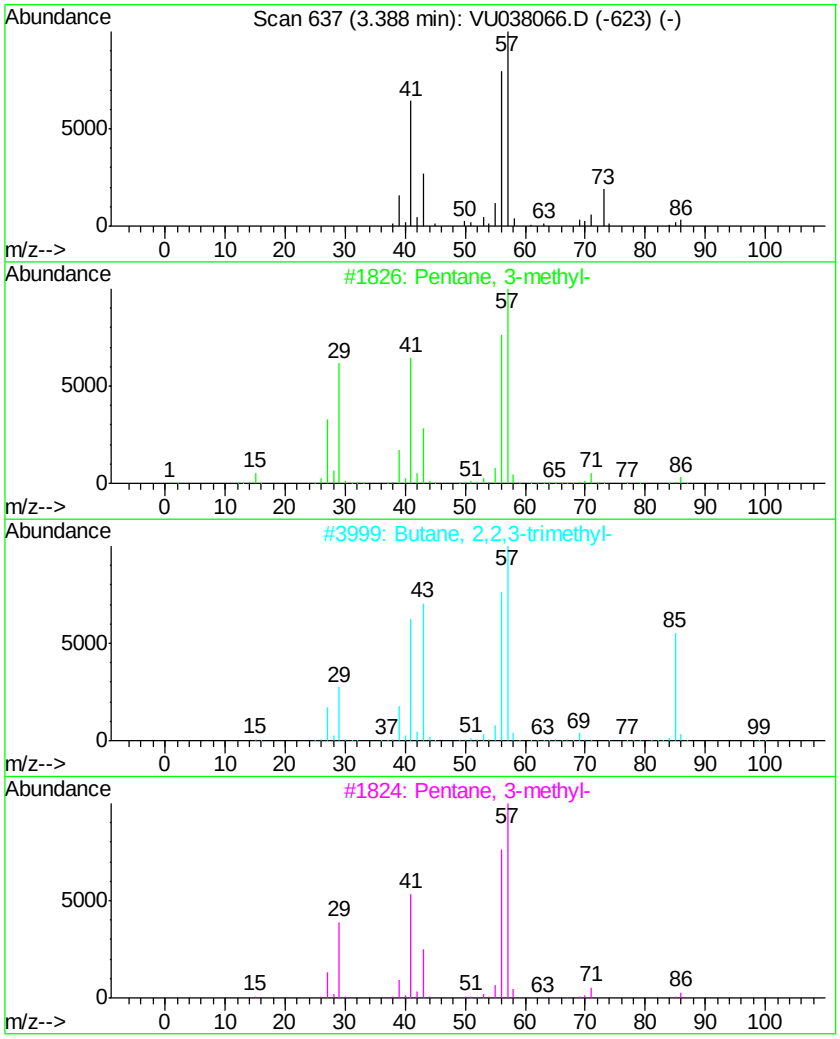
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

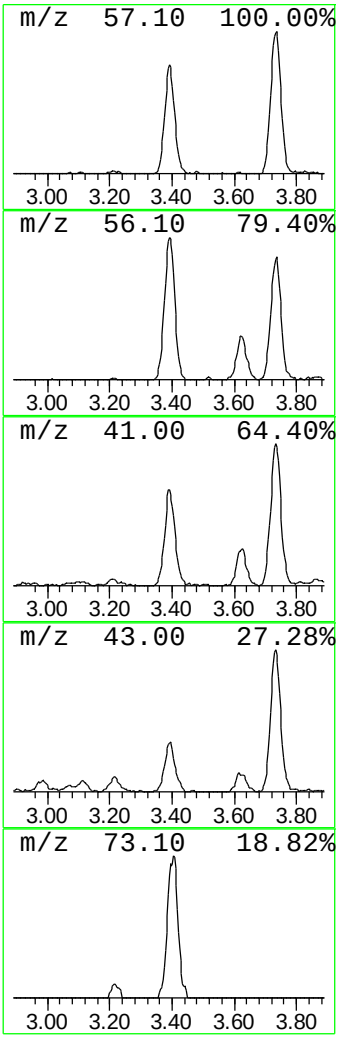
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	0.59 ug/L	105311	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	74
2	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	64
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
5	Pentane, 3-methyl-	86	C6H14	000096-14-0	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
Data File : VU038066.D
Acq On : 08 May 2020 02:39
Operator : JC/MD
Sample : L2528-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSL3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

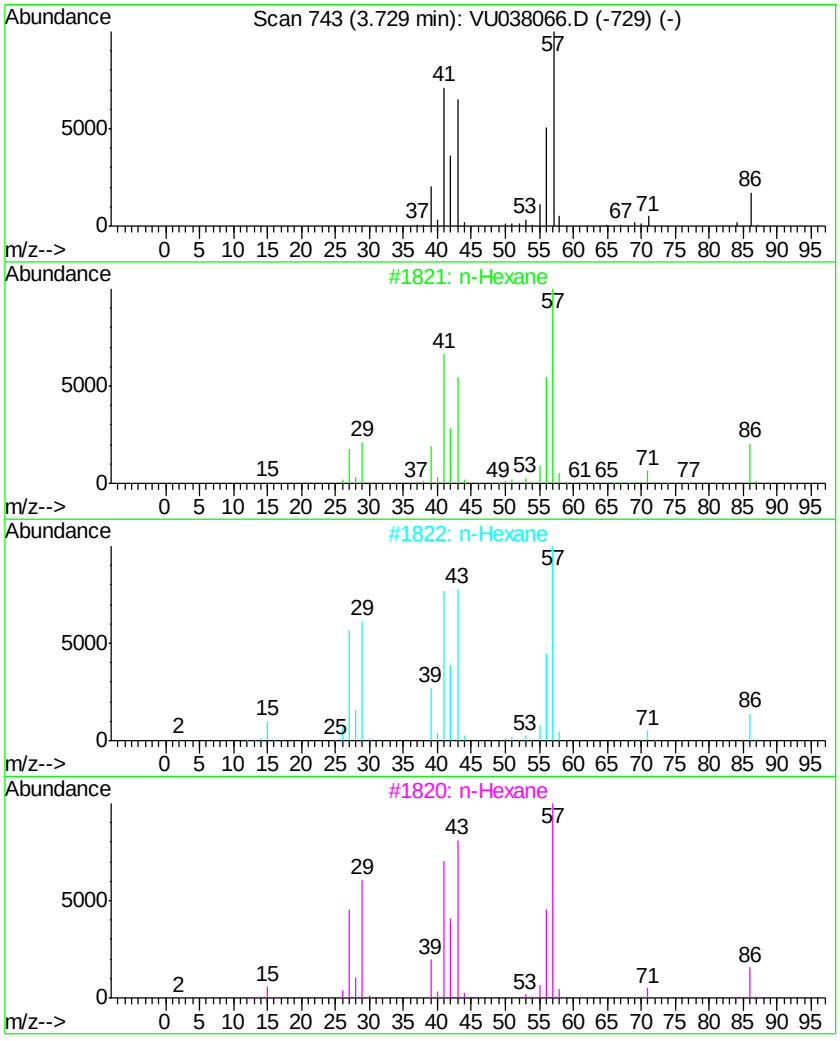
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

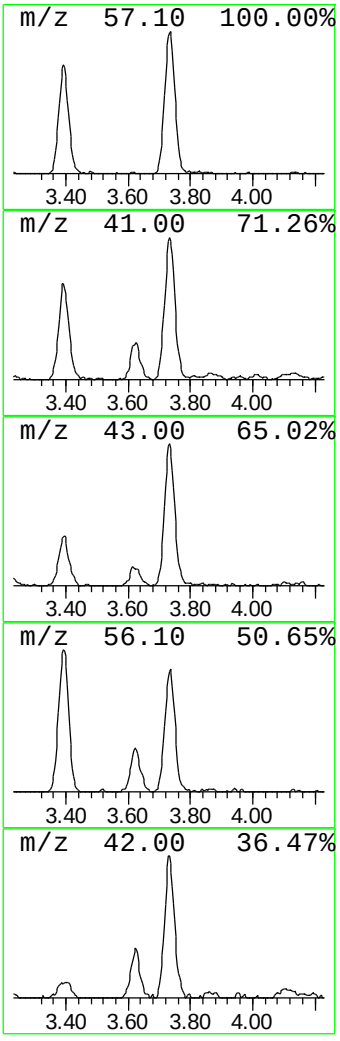
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	0.86 ug/L	152223	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	72
2	n-Hexane	86	C6H14	000110-54-3	72
3	n-Hexane	86	C6H14	000110-54-3	59
4	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50
5	Pentane, 3-methyl-	86	C6H14	000096-14-0	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050720\
Data File : VU038066.D
Acq On : 08 May 2020 02:39
Operator : JC/MD
Sample : L2528-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSL3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

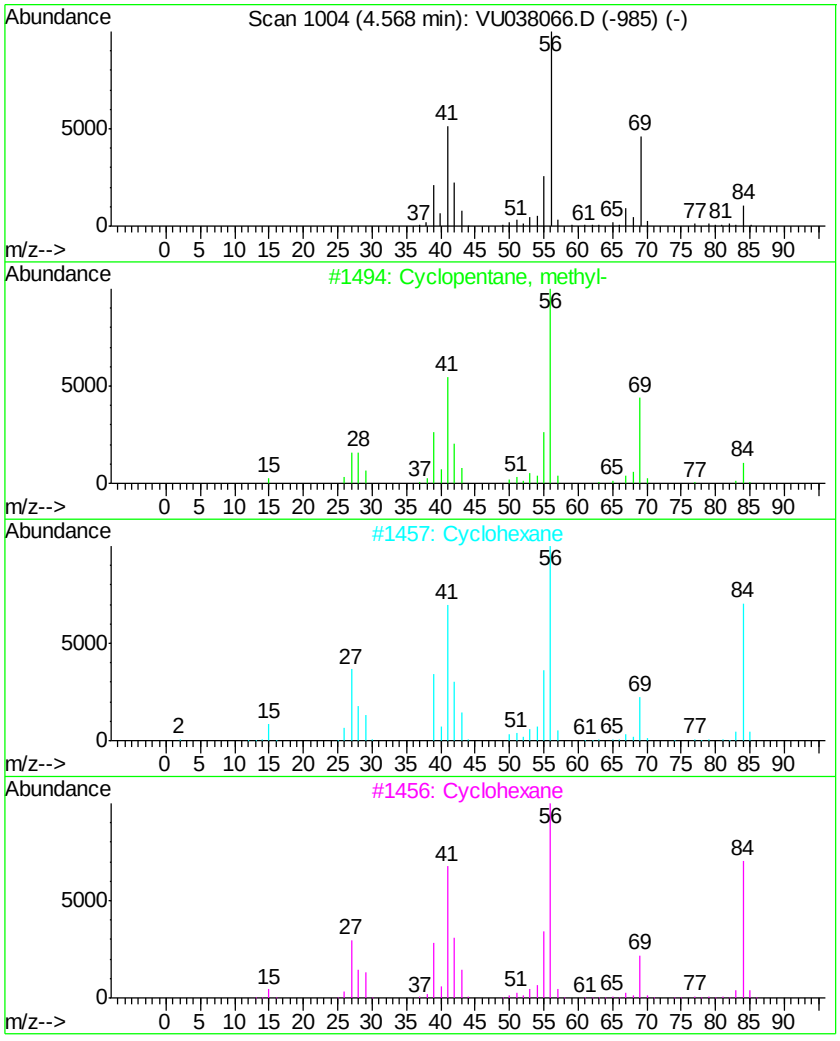
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

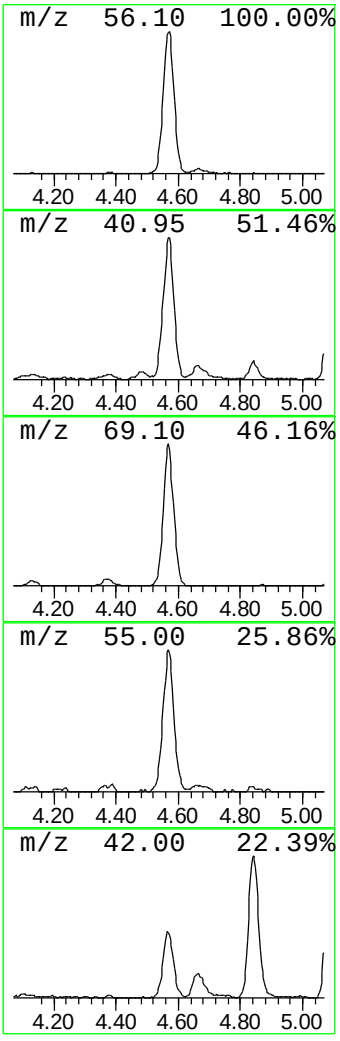
****

Peak Number 4 (DEL) Alkane: Cyclic4.57 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	1.38 ug/L	245212	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclohexane	84	C6H12	000110-82-7	87
3	Cyclohexane	84	C6H12	000110-82-7	86
4	Cyclohexane	84	C6H12	000110-82-7	78
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050720\
Data File : VU038066.D
Acq On : 08 May 2020 02:39
Operator : JC/MD
Sample : L2528-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSL3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

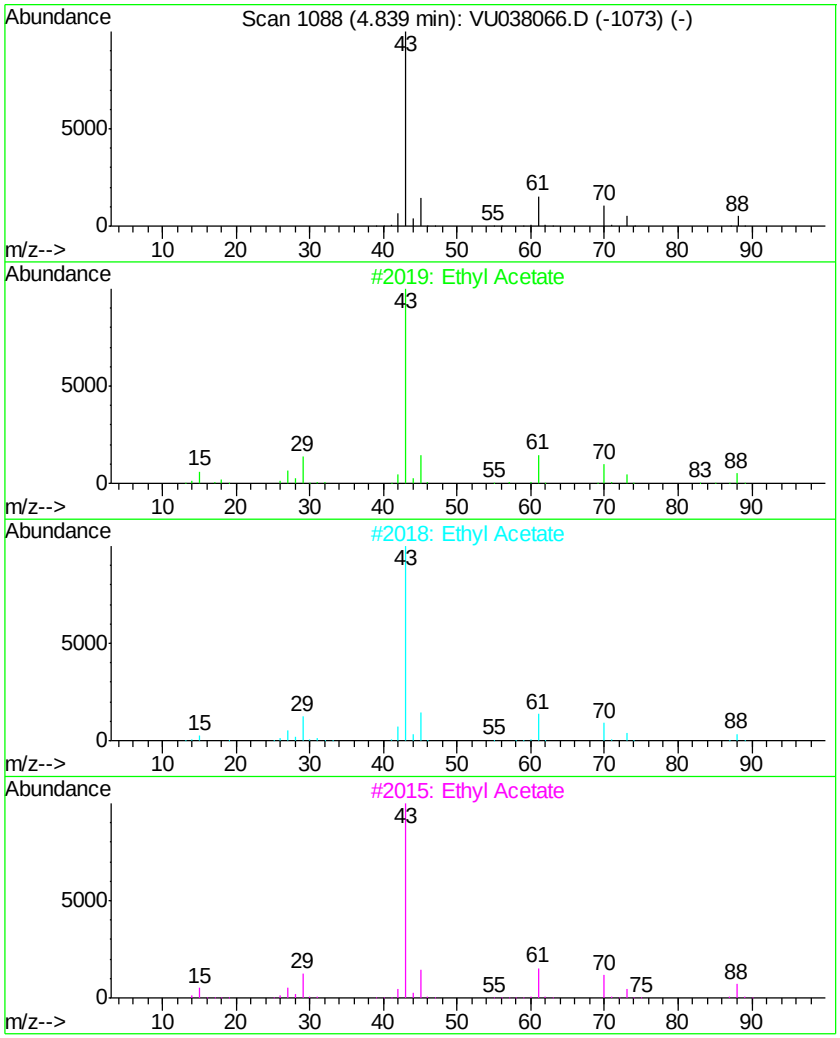
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

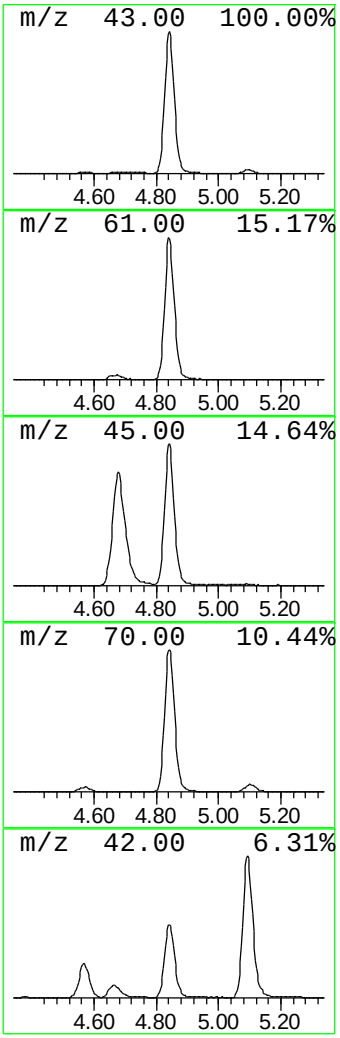
****

Peak Number 5 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	4.55 ug/L	809057	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2	Ethyl Acetate	88	C4H8O2	000141-78-6	86
3	Ethyl Acetate	88	C4H8O2	000141-78-6	64
4	Ethyl Acetate	88	C4H8O2	000141-78-6	56
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
Data File : VU038066.D
Acq On : 08 May 2020 02:39
Operator : JC/MD
Sample : L2528-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSL3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

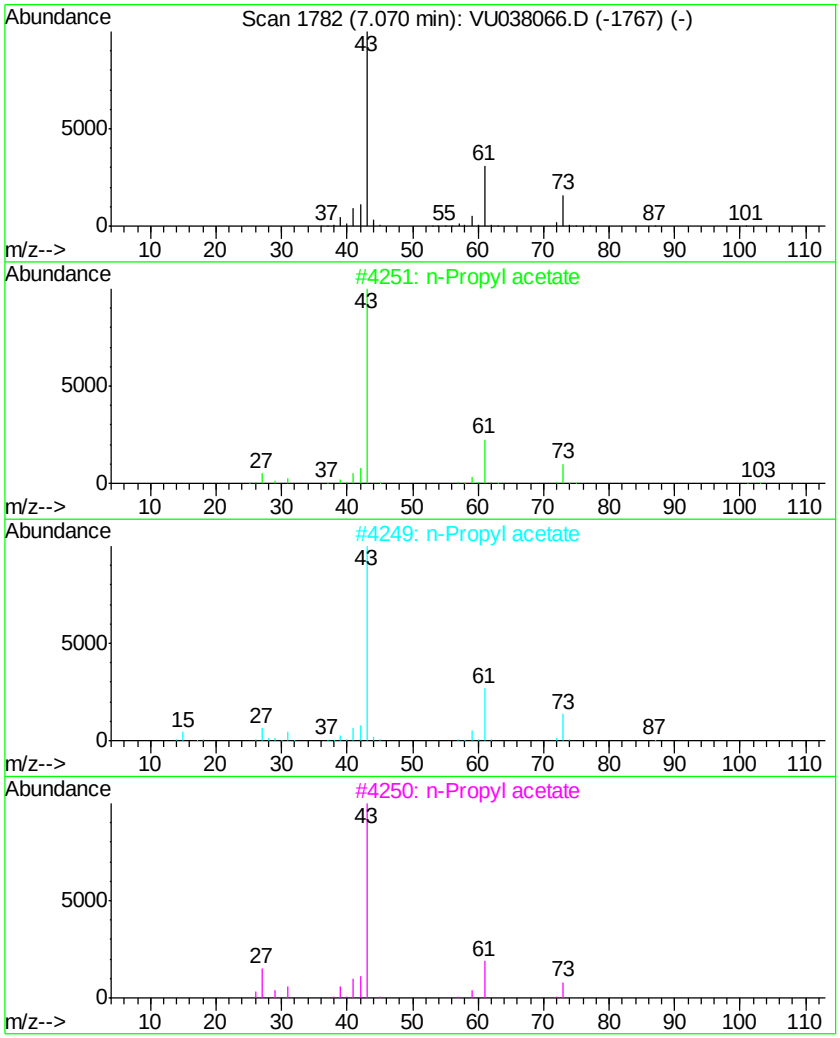
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

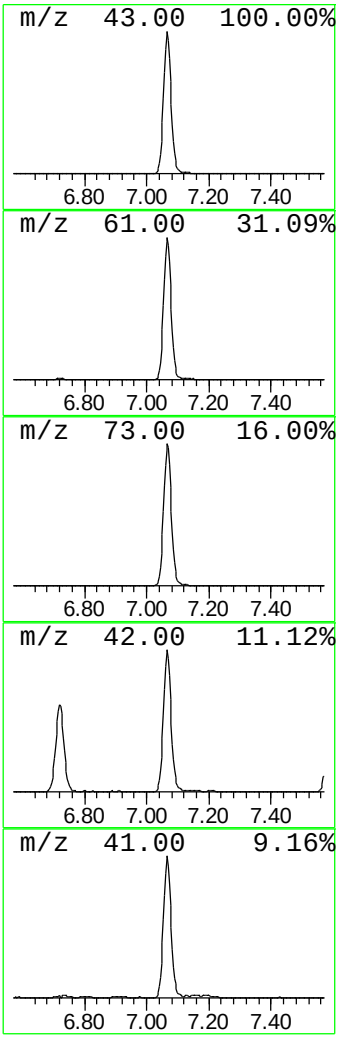
****

Peak Number 6 n-Propyl acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	6.82 ug/L	1213880	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2	n-Propyl acetate	102	C5H10O2	000109-60-4	83
3	n-Propyl acetate	102	C5H10O2	000109-60-4	64
4	Isopropyl acetate	102	C5H10O2	000108-21-4	36
5	1-Butanamine	73	C4H11N	000109-73-9	7





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050720\
Data File : VU038066.D
Acq On : 08 May 2020 02:39
Operator : JC/MD
Sample : L2528-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSL3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.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
Ethane, 1,1-diflu...	1.37	2.1	ug/L	377036	1	6.28	889429	5.0
(DEL) Alkane: Str...	3.39	0.6	ug/L	105311	1	6.28	889429	5.0
(DEL) Alkane: Str...	3.73	0.9	ug/L	152223	1	6.28	889429	5.0
(DEL) Alkane: Cyc...	4.57	1.4	ug/L	245212	1	6.28	889429	5.0
Ethyl Acetate	4.84	4.5	ug/L	809057	1	6.28	889429	5.0
n-Propyl acetate	7.07	6.8	ug/L	1213880	1	6.28	889429	5.0