

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100120\
 Data File : VU040444.D
 Acq On : 02 Oct 2020 00:57
 Operator : SY/MD
 Sample : L4240-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3Z6

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.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	1.552	49	66	69	rBV2	16254	44553	6.10%	0.973%
2	1.607	77	83	99	rVB	42866	54546	7.47%	1.191%
3	1.925	174	182	193	rVB	42609	55898	7.65%	1.221%
4	2.581	374	386	403	rBV	74705	124647	17.07%	2.722%
5	3.099	539	547	560	rVB2	11680	23039	3.15%	0.503%
6	3.379	617	634	654	rVB3	17951	40183	5.50%	0.877%
7	3.719	724	740	756	rBV2	43843	97591	13.36%	2.131%
8	4.552	982	999	1012	rBV5	7138	17113	2.34%	0.374%
9	4.658	1015	1032	1071	rVV	91110	310426	42.50%	6.778%
10	4.829	1074	1085	1107	rVB	8917	23601	3.23%	0.515%
11	5.083	1149	1164	1186	rVB	91432	207981	28.48%	4.541%
12	5.742	1348	1369	1391	rBV2	164333	433805	59.40%	9.472%
13	6.263	1516	1531	1551	rBV	190625	355361	48.66%	7.759%
14	6.703	1652	1668	1686	rBV	115924	220470	30.19%	4.814%
15	7.575	1925	1939	1955	rBV	54026	93562	12.81%	2.043%
16	7.906	2029	2042	2056	rBV2	176204	303799	41.60%	6.634%
17	8.185	2115	2129	2143	rBV2	35736	60174	8.24%	1.314%
18	8.642	2256	2271	2302	rBV	394111	730335	100.00%	15.947%
19	9.420	2500	2513	2539	rBV	267389	449421	61.54%	9.813%
20	10.755	2917	2928	2942	rVB	102270	164705	22.55%	3.596%
21	11.806	3243	3255	3270	rVB	259560	418998	57.37%	9.149%
22	12.189	3360	3374	3388	rBV	216061	349507	47.86%	7.632%

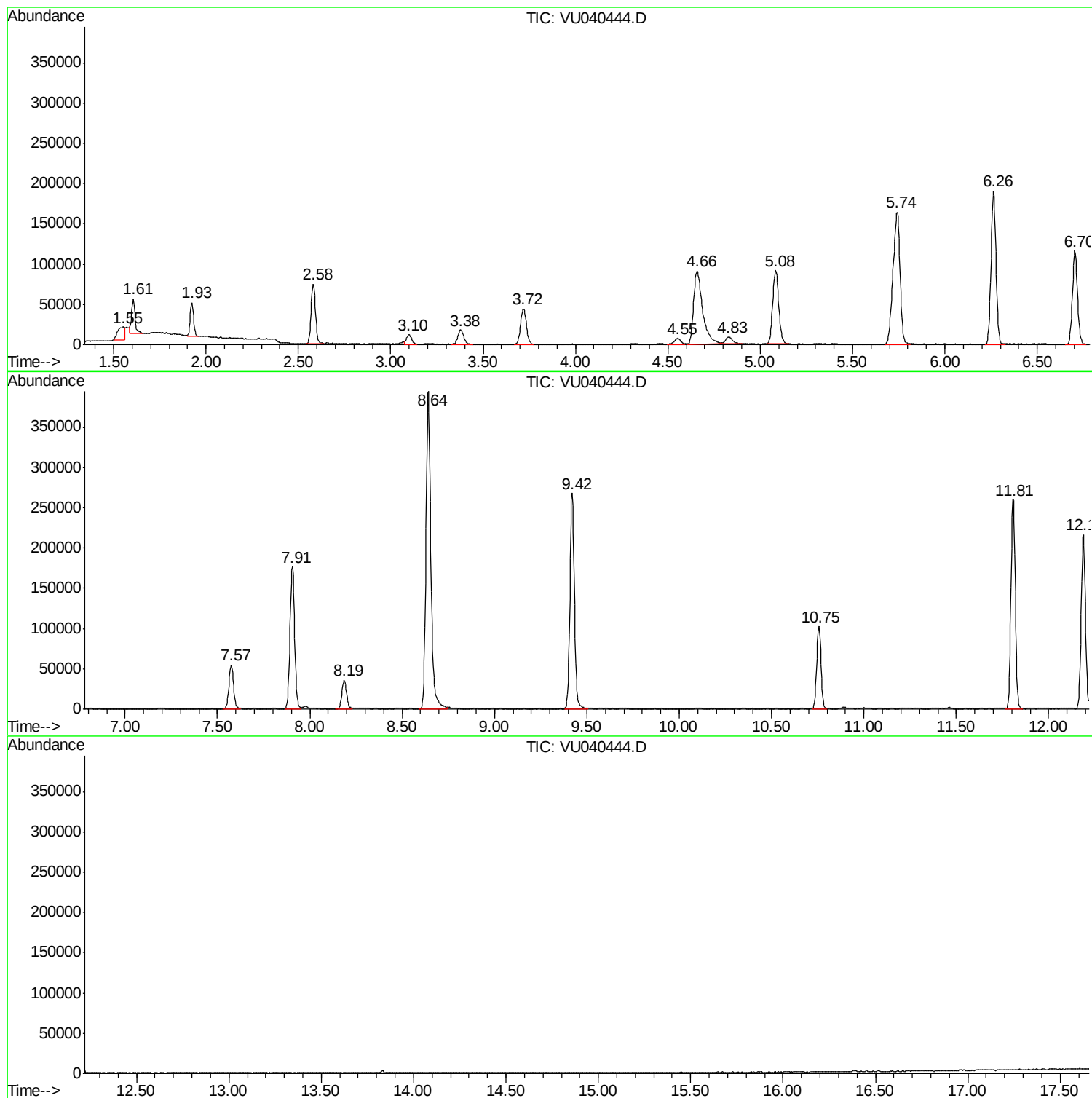
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0

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



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Instrument :
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 ClientSampled :
 BG3Z6

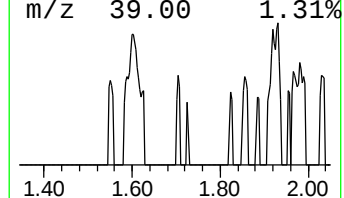
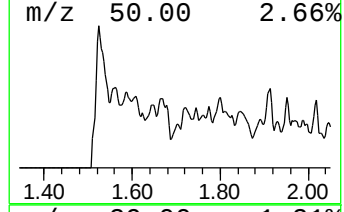
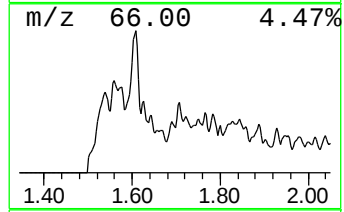
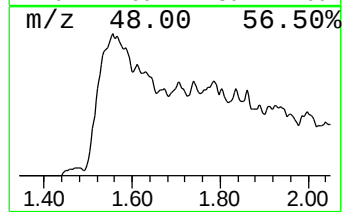
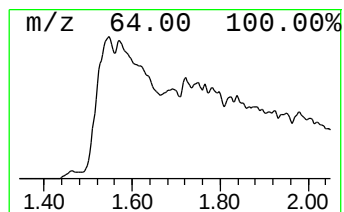
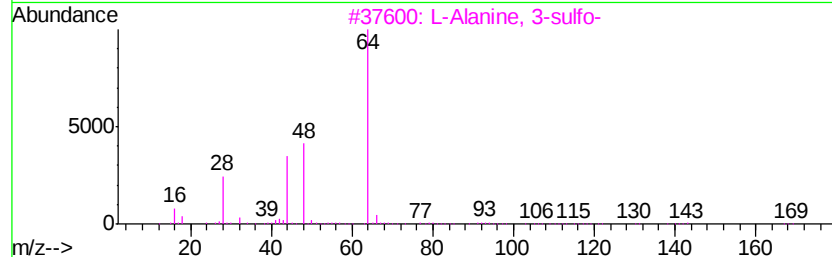
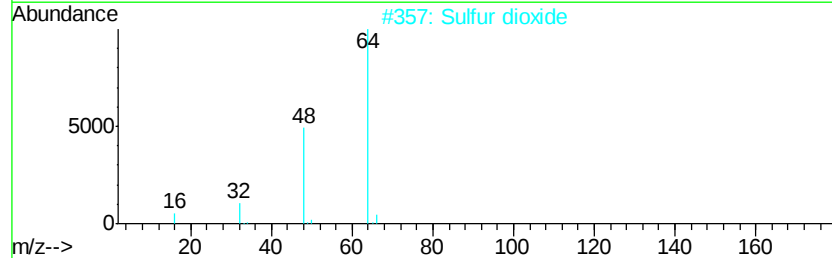
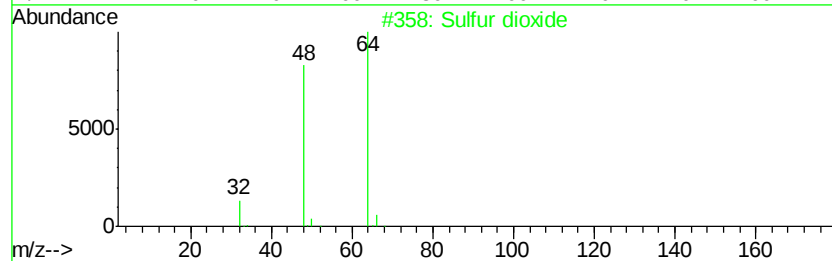
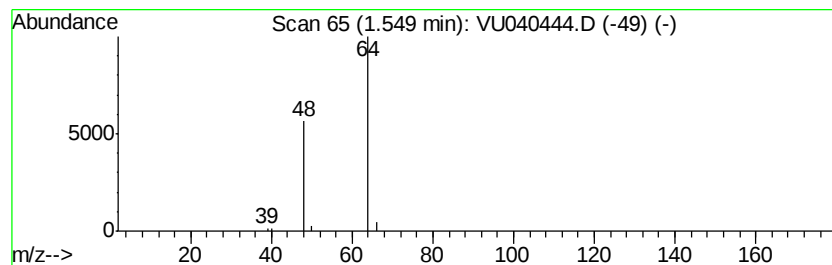
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0

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

 Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.55	0.63 ug/L	44553	1,4-Difluorobenzene	6.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide		64	O2S	007446-09-5	74
2	Sulfur dioxide		64	O2S	007446-09-5	74
3	L-Alanine, 3-sulfo-		169	C3H7NO5S	000498-40-8	9
4	Aminomethanesulfonic acid		111	CH5NO3S	013881-91-9	9
5	Aminomethanesulfonic acid		111	CH5NO3S	013881-91-9	9



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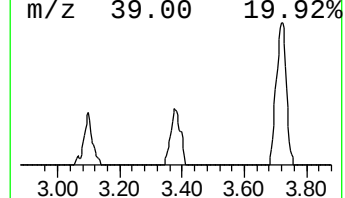
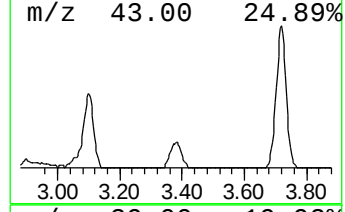
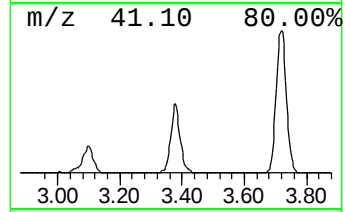
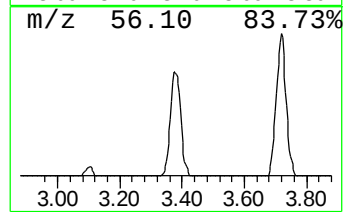
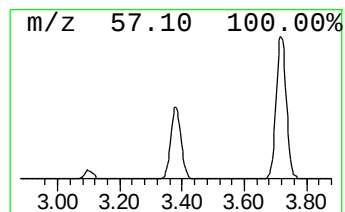
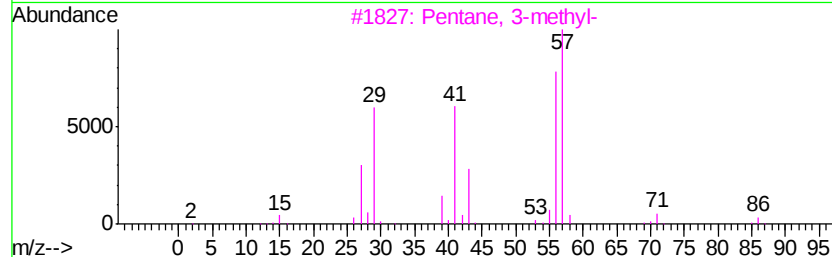
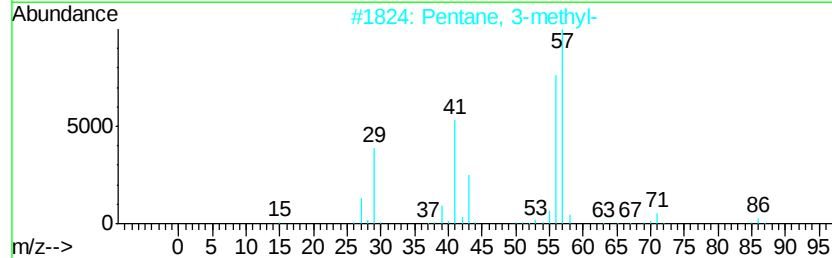
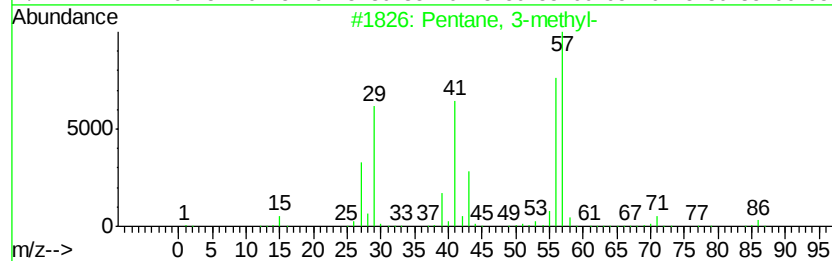
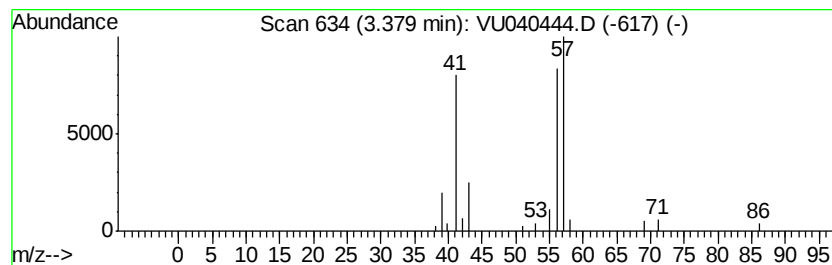
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.38	0.57 ug/L	40183	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2		Pentane, 3-methyl-	86	C6H14	000096-14-0	80
3		Pentane, 3-methyl-	86	C6H14	000096-14-0	80
4		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
5		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	50



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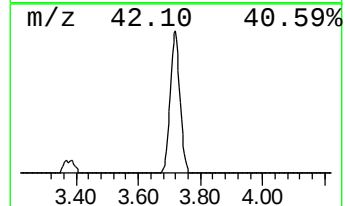
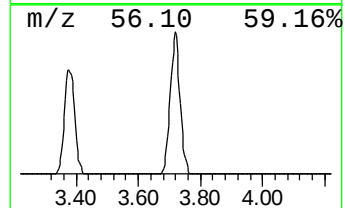
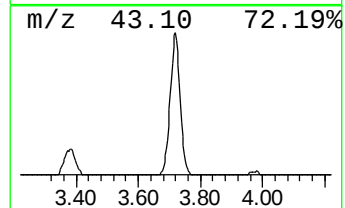
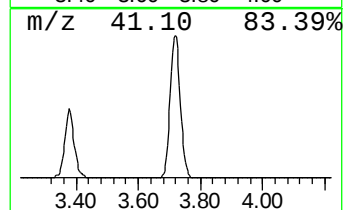
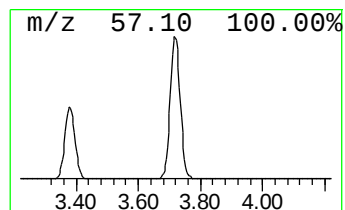
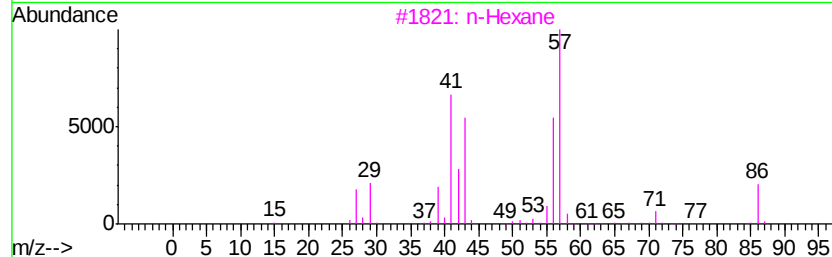
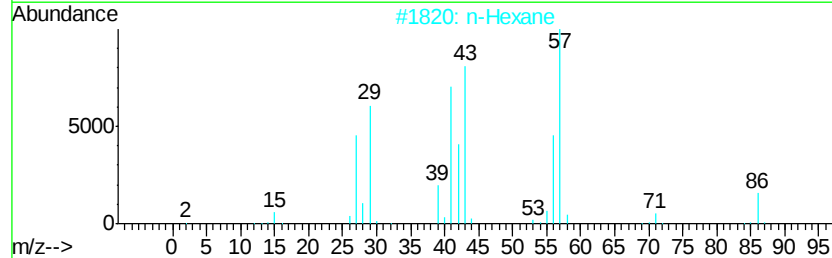
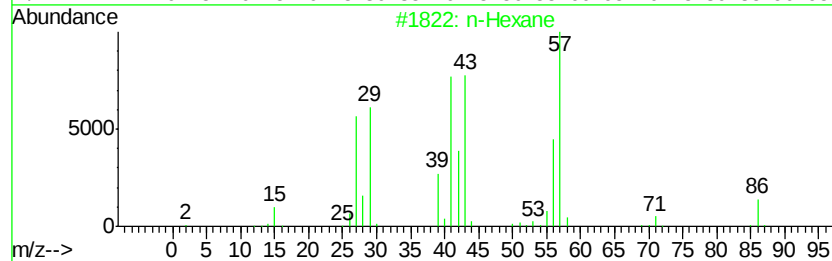
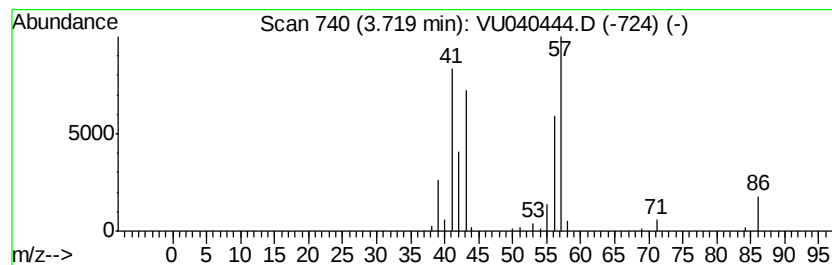
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.72	1.37 ug/L	97591	1,4-Difluorobenzene	6.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane		86	C6H14	000110-54-3	91
2	n-Hexane		86	C6H14	000110-54-3	90
3	n-Hexane		86	C6H14	000110-54-3	83
4	1-Pentene, 4-methyl-		84	C6H12	000691-37-2	40
5	1-Pentene, 4-methyl-		84	C6H12	000691-37-2	40



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Quant Title : TRACE VOA SOM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.55	0.6	ug/L	44553	1	6.26	355361	5.0
(DEL) Alkane: Str...	3.38	0.6	ug/L	40183	1	6.26	355361	5.0
(DEL) Alkane: Str...	3.72	1.4	ug/L	97591	1	6.26	355361	5.0