

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101920\
 Data File : VU040837.D
 Acq On : 20 Oct 2020 04:28
 Operator : SY/MD
 Sample : L4428-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ34

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\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	27	rVB	1966185	1852795	42.91%	15.023%
2	1.495	34	48	74	rBV2	788448	1585180	36.71%	12.853%
3	1.610	77	84	99	rVV	721696	830276	19.23%	6.732%
4	1.925	176	182	198	rVB	44092	63070	1.46%	0.511%
5	2.006	200	207	218	rVB	87421	121084	2.80%	0.982%
6	2.581	374	386	405	rBV	73625	128580	2.98%	1.043%
7	3.372	620	632	655	rVB3	40529	89828	2.08%	0.728%
8	4.687	1015	1041	1083	rBV	1865394	4317929	100.00%	35.011%
9	5.083	1146	1164	1184	rBV	86665	188580	4.37%	1.529%
10	5.739	1347	1368	1386	rBV2	155882	414425	9.60%	3.360%
11	6.263	1516	1531	1546	rBV	152190	287224	6.65%	2.329%
12	6.555	1609	1622	1634	rVB3	29374	53942	1.25%	0.437%
13	6.703	1654	1668	1682	rBV	109136	211989	4.91%	1.719%
14	7.571	1925	1938	1958	rBV2	47473	83154	1.93%	0.674%
15	7.906	2029	2042	2061	rBV	151149	259224	6.00%	2.102%
16	8.186	2116	2129	2144	rBV	32967	53756	1.24%	0.436%
17	8.642	2257	2271	2298	rBV	350500	658311	15.25%	5.338%
18	9.420	2500	2513	2534	rBV	226607	372717	8.63%	3.022%
19	10.755	2911	2928	2945	rBV	100219	160011	3.71%	1.297%
20	11.806	3243	3255	3272	rVB	192850	310933	7.20%	2.521%
21	12.189	3360	3374	3387	rBV	181249	289901	6.71%	2.351%

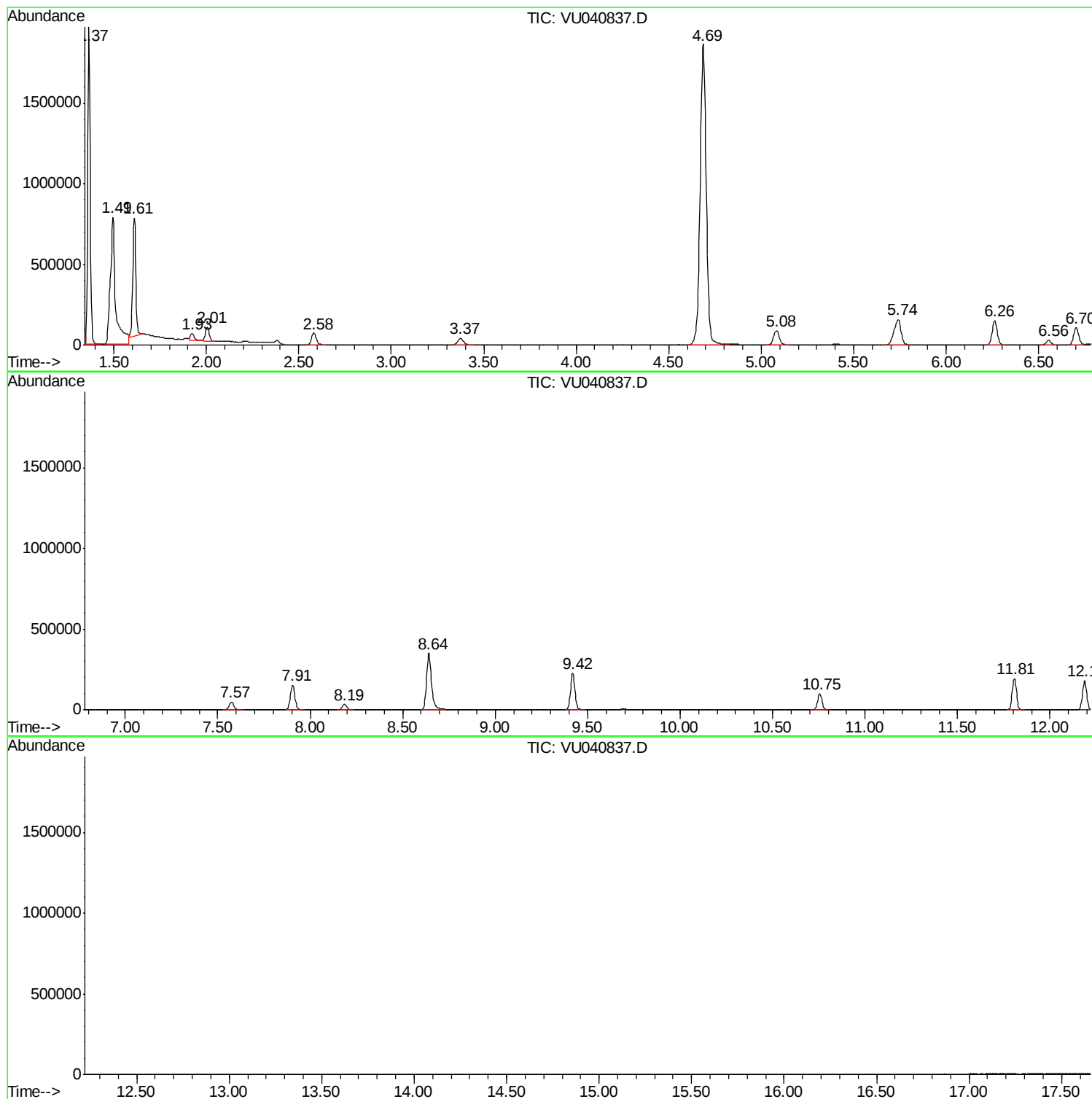
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0

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



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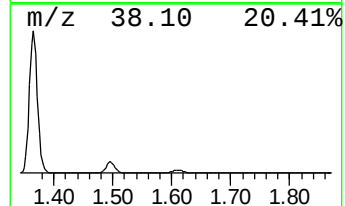
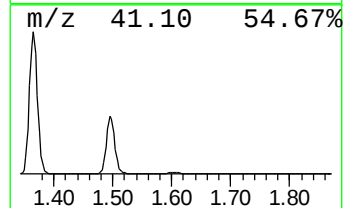
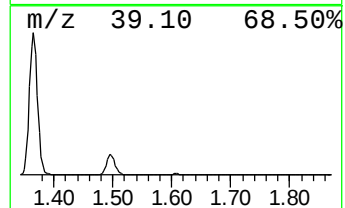
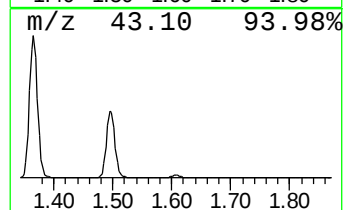
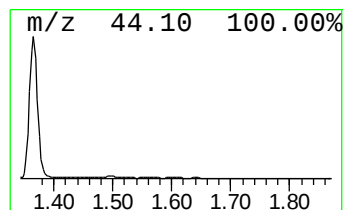
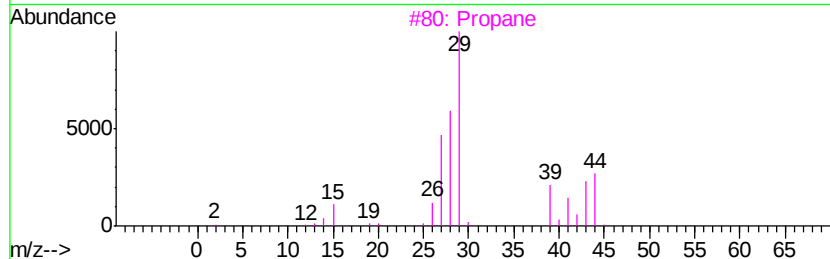
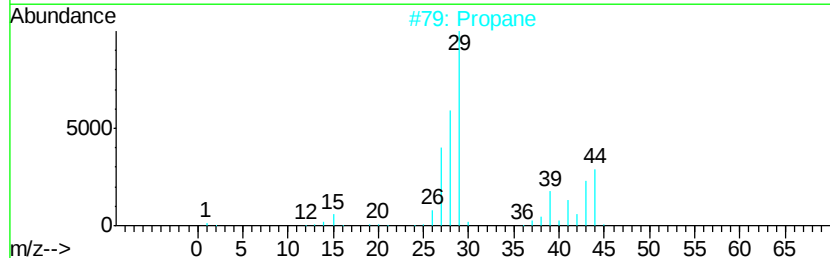
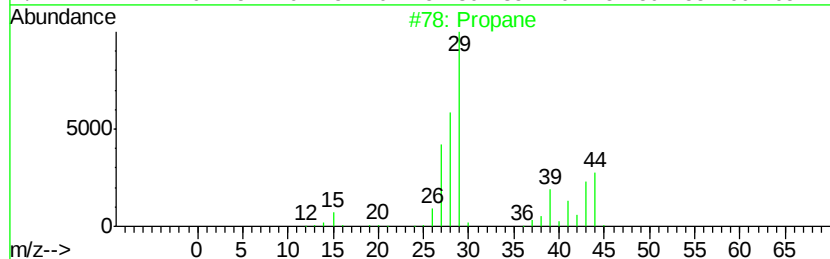
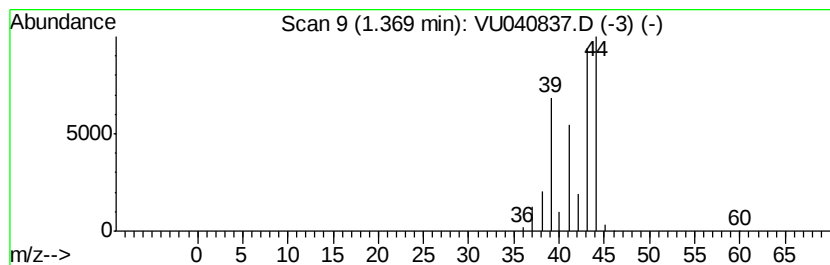
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0

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	32.25 ug/L	1852800	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane	44	C3H8	000074-98-6	90
2		Propane	44	C3H8	000074-98-6	83
3		Propane	44	C3H8	000074-98-6	9
4		Propene	42	C3H6	000115-07-1	9
5		Ethylene oxide	44	C2H4O	000075-21-8	5



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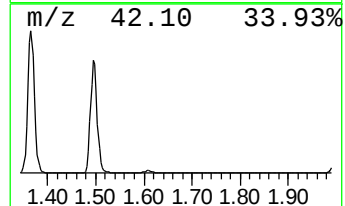
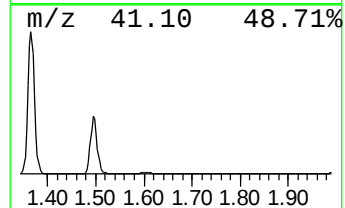
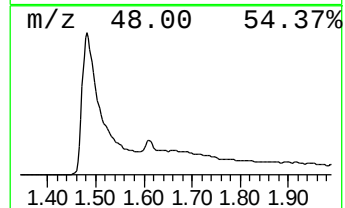
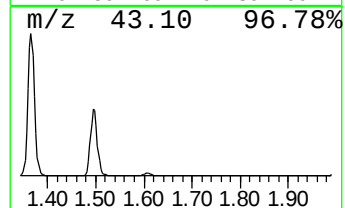
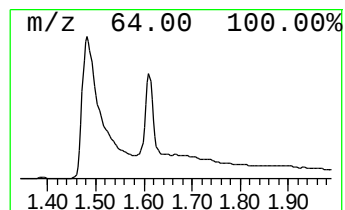
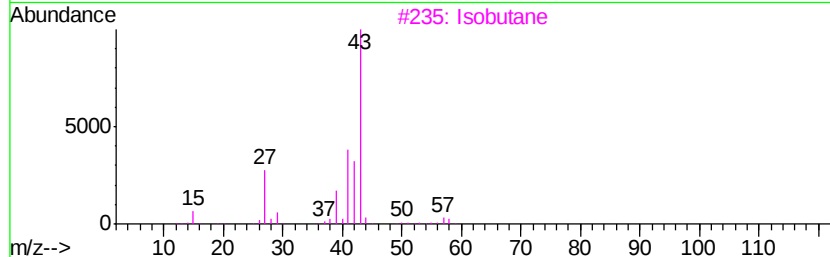
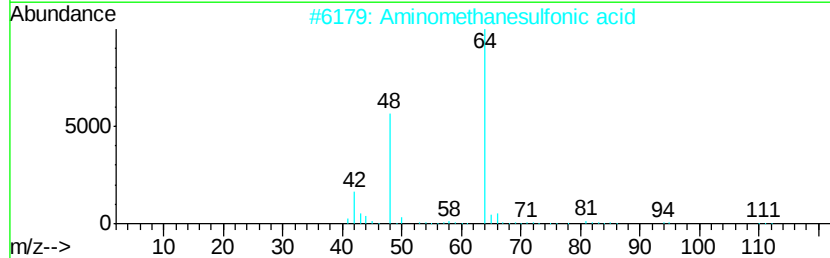
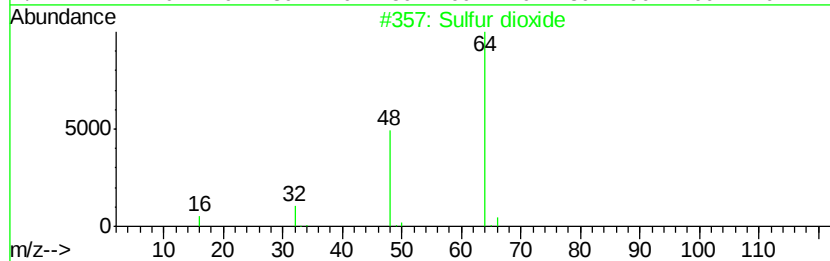
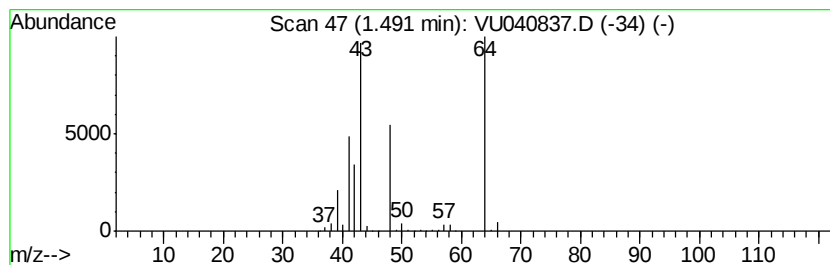
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.49	27.59 ug/L	1585180	1,4-Difluorobenzene	6.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Sulfur dioxide	64 02S	007446-09-5	59
2	Aminomethanesulfonic acid	111 CH5NO3S	013881-91-9	39
3	Isobutane	58 C4H10	000075-28-5	11
4	Isobutane	58 C4H10	000075-28-5	10
5	Isobutane	58 C4H10	000075-28-5	10



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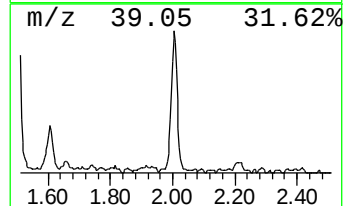
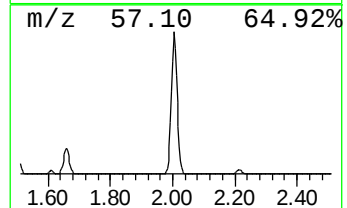
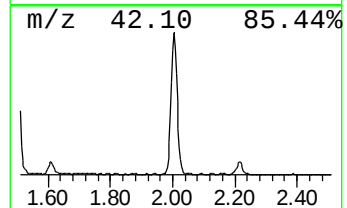
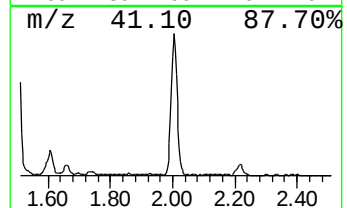
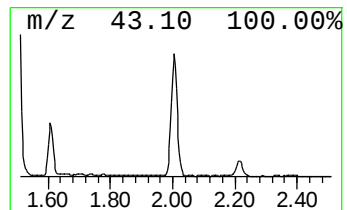
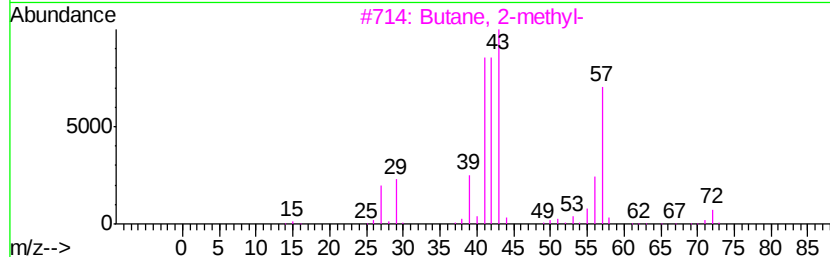
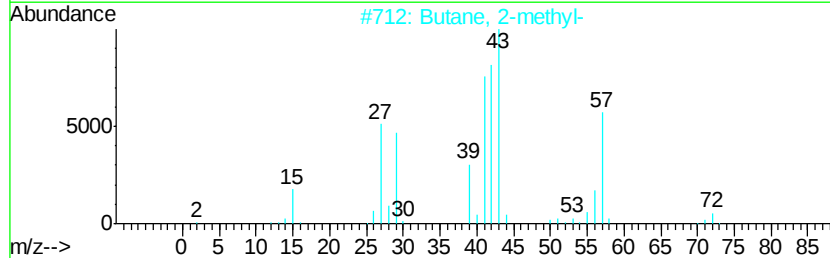
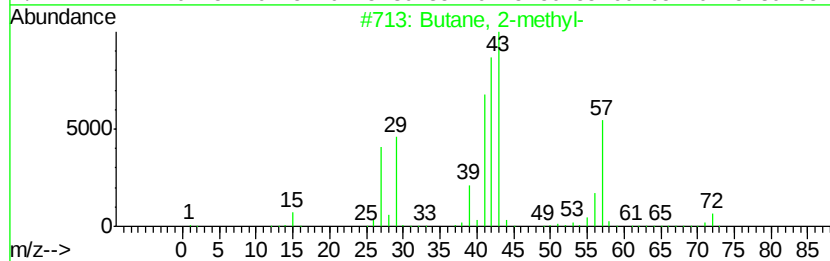
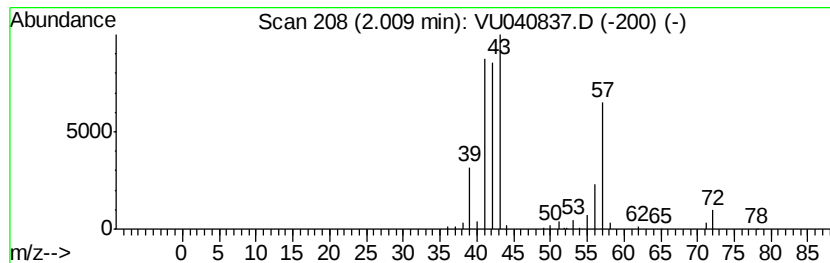
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.01	2.11 ug/L	121084	1,4-Difluorobenzene	6.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	91
2			Butane, 2-methyl-	72	C5H12	000078-78-4	90
3			Butane, 2-methyl-	72	C5H12	000078-78-4	87
4			3-Buten-1-ol	72	C4H8O	000627-27-0	38
5			Pentane	72	C5H12	000109-66-0	36



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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
(DEL) Alkane: Str...	1.37	32.3	ug/L	1852800	1	6.26	287224	5.0
Sulfur dioxide	1.49	27.6	ug/L	1585180	1	6.26	287224	5.0
(DEL) Alkane: Str...	2.01	2.1	ug/L	121084	1	6.26	287224	5.0