LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101818\
Data File : VV008344.D
Acq On : 18 Oct 2018 15:32
Operator : SY/MD
Sample : J5422-01
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0920

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_V\METHOD\SOMVTR101518WMA.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	1.119	4	9	20	rVB	162804	149214	37.58%	4.072%
2	1.225	38	42	48	rVB2	22875	21748	5.48%	0.594%
3	1.315	62	70	82	rBV3	126009	189533	47.73%	5.173%
4	1.370	83	87	92	rVV2	9096	8454	2.13%	0.231%
5	1.431	101	106	113	rBV	19853	22332	5.62%	0.610%
6	1.582	147	153	161	rVB2	42665	48380	12.18%	1.320%
7	1.785	211	216	223	rVB	29657	35302	8.89%	0.963%
8	1.827	223	229	245	rVB6	17454	30630	7.71%	0.836%
9	2.132	316	324	336	rVB	88677	127043	31.99%	3.467%
10	3.489	736	746	759	rVB9	3900	8581	2.16%	0.234%
11	3.968	880	895	940	rBV2	61616	187110	47.12%	5.107%
12	4.405	1015	1031	1053	rVB	63818	154952	39.02%	4.229%
13	4.952	1189	1201	1212	rBV6	1870	4353	1.10%	0.119%
14	5.100	1229	1247	1279	rBV3	158216	387056	97.47%	10.564%
15	5.669	1406	1424	1444	rBV	125980	251532	63.34%	6.865%
16	5.961	1502	1515	1531	rVB3	39121	81163	20.44%	2.215%
17	6.122	1551	1565	1582	rBV	89447	180683	45.50%	4.931%
18	7.035	1837	1849	1862	rBV	40959	73283	18.45%	2.000%
19	7.203	1890	1901	1906	rBV6	3120	6257	1.58%	0.171%
20	7.363	1938	1951	1965	rBV	184814	320122	80.62%	8.737%
21	7.434	1965	1973	1984	rVB	13708	24057	6.06%	0.657%
22	7.669	2035	2046	2060	rBV	21862	38140	9.60%	1.041%
23	8.022	2146	2156	2167	rVB2	23116	38900	9.80%	1.062%
24	8.145	2182	2194	2227	rBV4	165223	397097	100.00%	10.838%
25	8.900	2415	2429	2444	rBV	178875	289101	72.80%	7.890%
26	9.183	2510	2517	2530	rVB4	5020	8088	2.04%	0.221%
27	10.267	2844	2854	2867	rBV	51661	83808	21.11%	2.287%
28	11.299	3164	3175	3199	rBV	143238	247391	62.30%	6.752%
29	11.591	3256	3266	3279	rBV7	3131	8131	2.05%	0.222%
30	11.675	3280	3292	3314	rVB	140523	241534	60.82%	6.592%

Sum of corrected areas: 3663975

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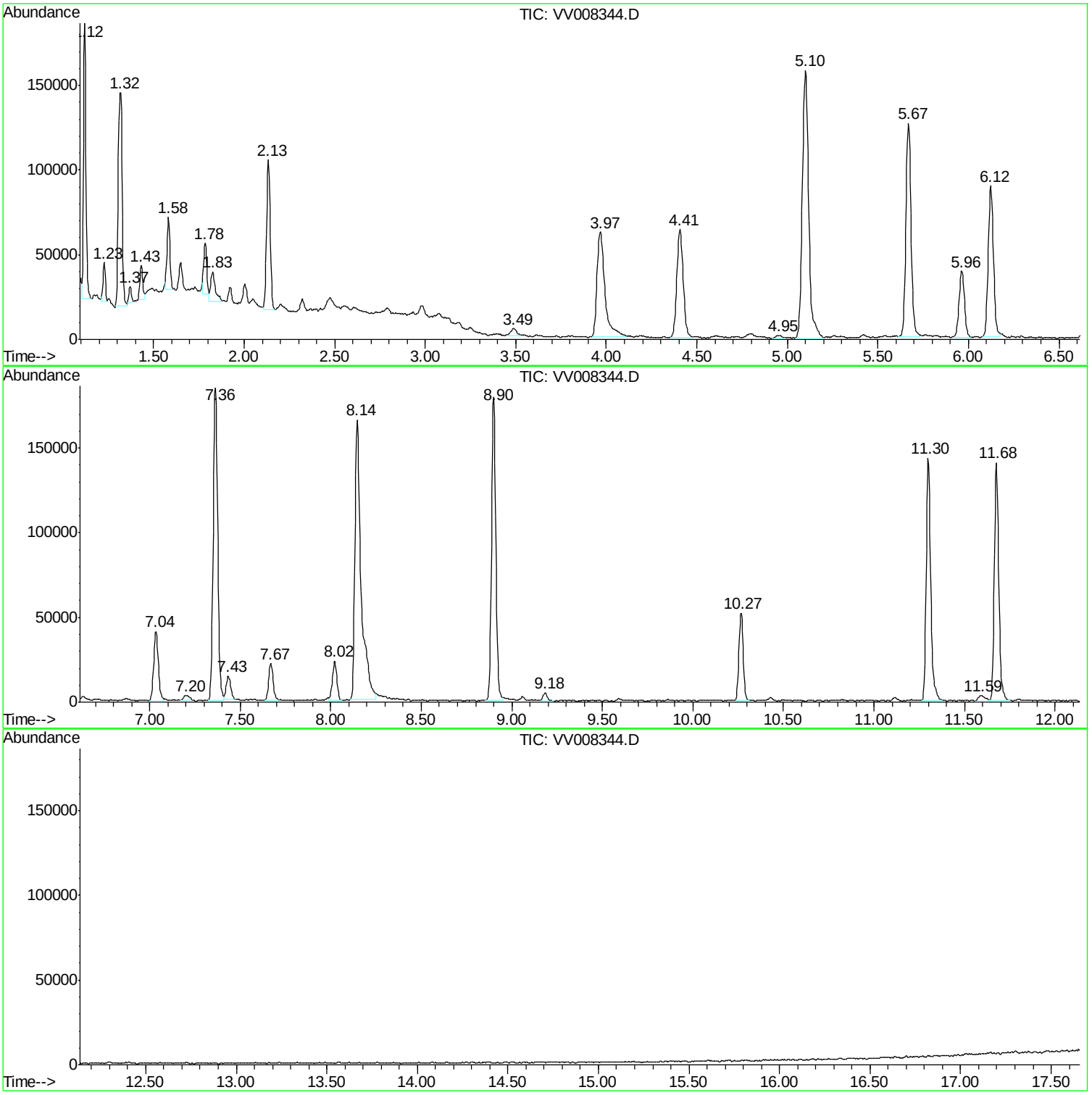
Instrument : MSVOA_V
ClientSampleId : C0920

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.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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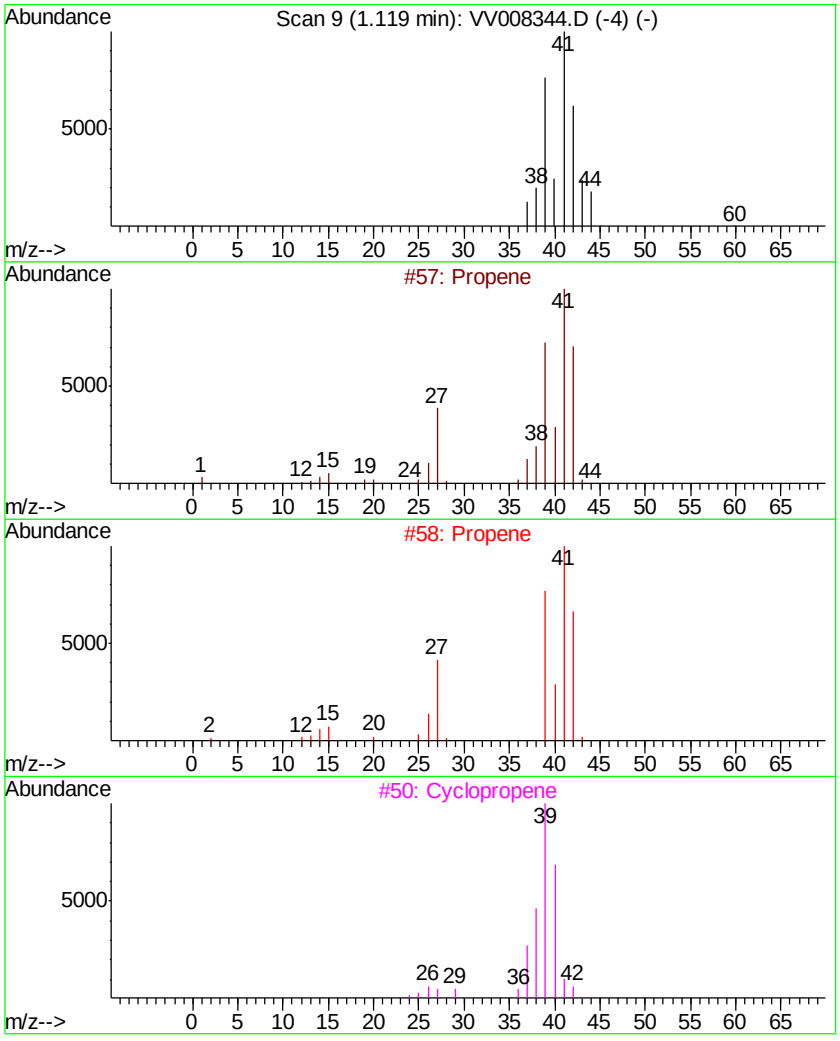
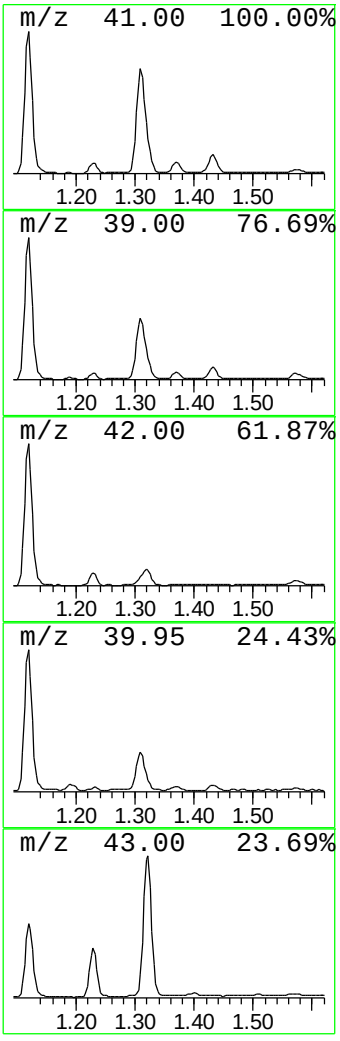
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	2.97 ug/L	149214	1,4-Difluorobenzene	5.67

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	Cyclopropene	40	C3H4	002781-85-3	9
4	Cyclopropane	42	C3H6	000075-19-4	9
5	Cyclopropane	42	C3H6	000075-19-4	9





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

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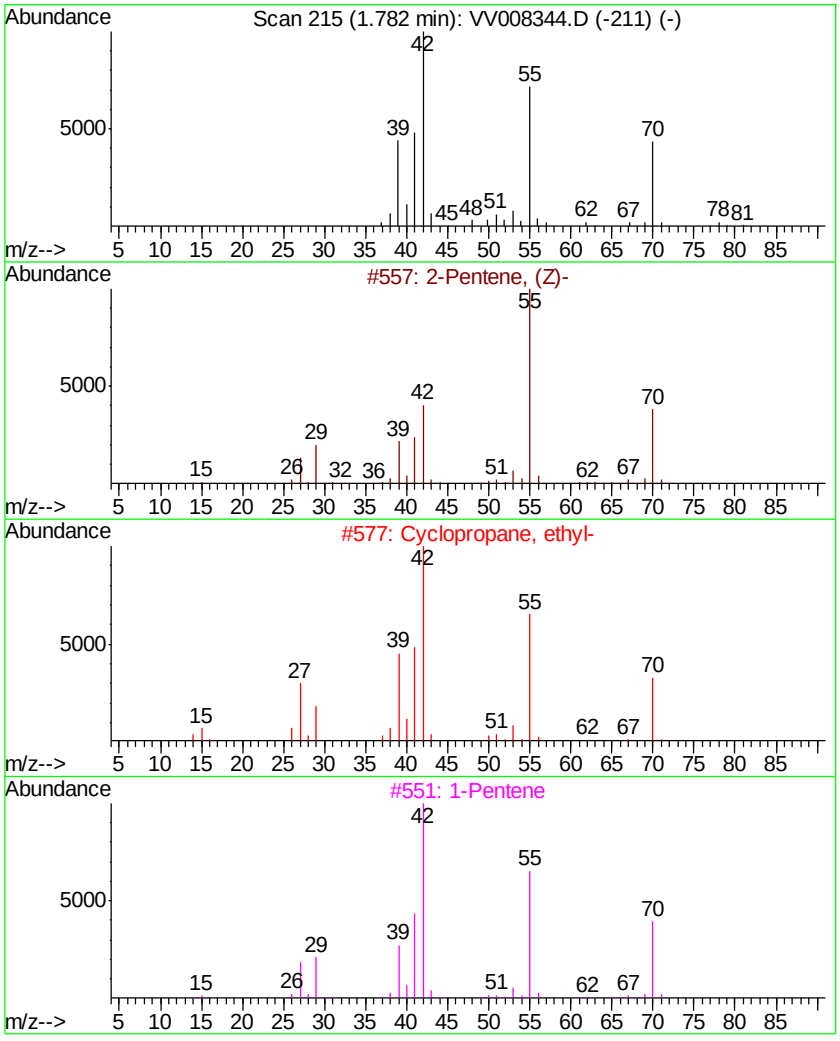
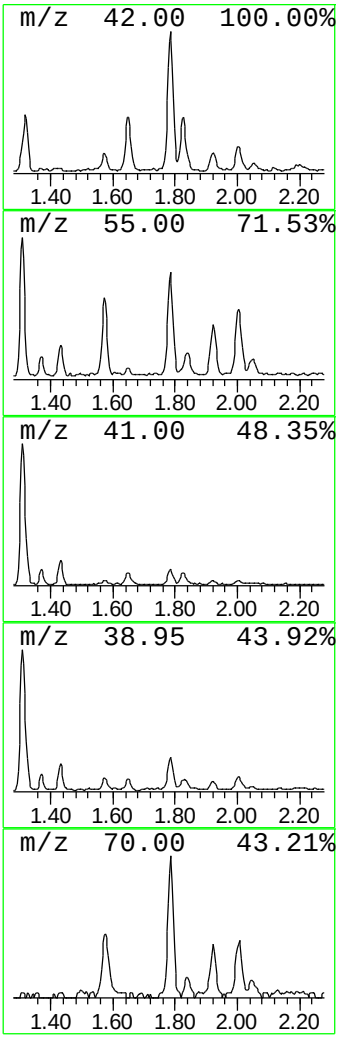
Peak Number 2 (DEL) Alkane: Cyclic1.78 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.78	0.70 ug/L	35302	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (Z)-	70	C5H10	000627-20-3	78
2	Cyclopropane, ethyl-	70	C5H10	001191-96-4	78
3	1-Pentene	70	C5H10	000109-67-1	64
4	1-Pentene	70	C5H10	000109-67-1	62
5	Cyclopentane	70	C5H10	000287-92-3	58





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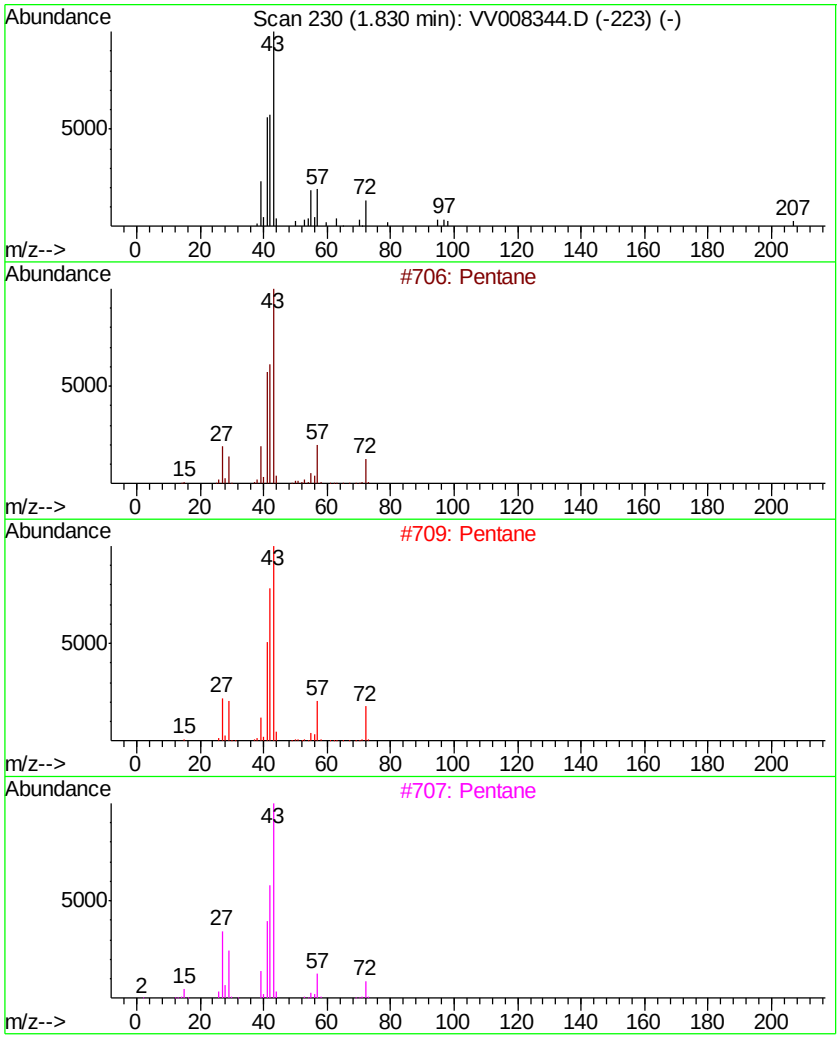
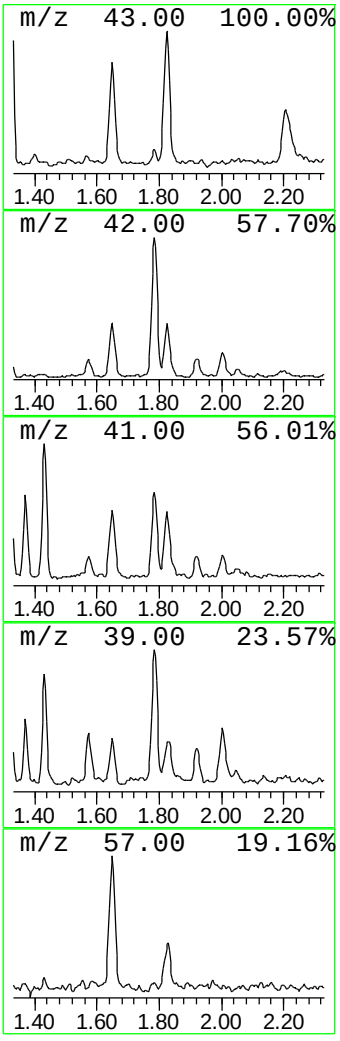
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.83	0.61 ug/L	30630	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	72
2	Pentane	72	C5H12	000109-66-0	64
3	Pentane	72	C5H12	000109-66-0	64
4	Pentane	72	C5H12	000109-66-0	64
5	Oxirane, ethyl-	72	C4H8O	000106-88-7	38





Tentatively Identified Compound (LSC) summary

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Quant Title : TRACE VOA SOM01.0

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	1.12	3.0	ug/L	149214	1	5.67	251532	5.0
(DEL) Alkane: Cyc...	1.78	0.7	ug/L	35302	1	5.67	251532	5.0
(DEL) Alkane: Str...	1.83	0.6	ug/L	30630	1	5.67	251532	5.0