LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102519\
Data File : VV013337.D
Acq On : 25 Oct 2019 00:54
Operator : SY/MD
Sample : K5462-22
Misc : 25.0ML/MSVOA V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0G26

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\SOMVTR102119WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC: VV013332.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.116	5	8	28	rVB2	76436	100371	1.60%	0.417%
2	1.225	37	42	50	rVB	152851	133959	2.13%	0.556%
3	1.322	63	72	94	rBV	5849288	6283537	100.00%	26.097%
4	1.528	129	136	144	rBV	56274	64676	1.03%	0.269%
5	1.585	146	154	163	rVB	201617	227452	3.62%	0.945%
6	1.650	167	174	185	rVB	94739	112677	1.79%	0.468%
7	2.132	314	324	338	rVB	384902	544962	8.67%	2.263%
8	2.608	459	472	484	rVB	82707	146125	2.33%	0.607%
9	2.798	515	531	557	rBV2	768883	1593195	25.36%	6.617%
10	3.232	650	666	682	rBV	66484	144051	2.29%	0.598%
11	3.958	868	892	932	rBV2	959702	2652199	42.21%	11.015%
12	4.399	1010	1029	1053	rBV	312575	787363	12.53%	3.270%
13	5.093	1226	1245	1260	rBV2	721082	1809640	28.80%	7.516%
14	5.662	1405	1422	1445	rBV	447228	902870	14.37%	3.750%
15	6.116	1548	1563	1582	rBV	419345	847909	13.49%	3.522%
16	7.029	1835	1847	1869	rBV	168467	306089	4.87%	1.271%
17	7.357	1936	1949	1966	rBV	821858	1411005	22.46%	5.860%
18	7.662	2032	2044	2064	rBV2	97293	174052	2.77%	0.723%
19	8.135	2177	2191	2220	rBV3	599687	1331632	21.19%	5.531%
20	8.894	2411	2427	2444	rBV	757343	1233511	19.63%	5.123%
21	10.257	2839	2851	2868	rVB	301004	481838	7.67%	2.001%
22	11.289	3160	3172	3193	rBV	817679	1294071	20.59%	5.375%
23	11.669	3276	3290	3314	rVB	825290	1329599	21.16%	5.522%
24	14.871	4270	4286	4299	rVB5	41533	93135	1.48%	0.387%
25	15.472	4464	4473	4482	rBV2	46954	71613	1.14%	0.297%

Sum of corrected areas: 24077531

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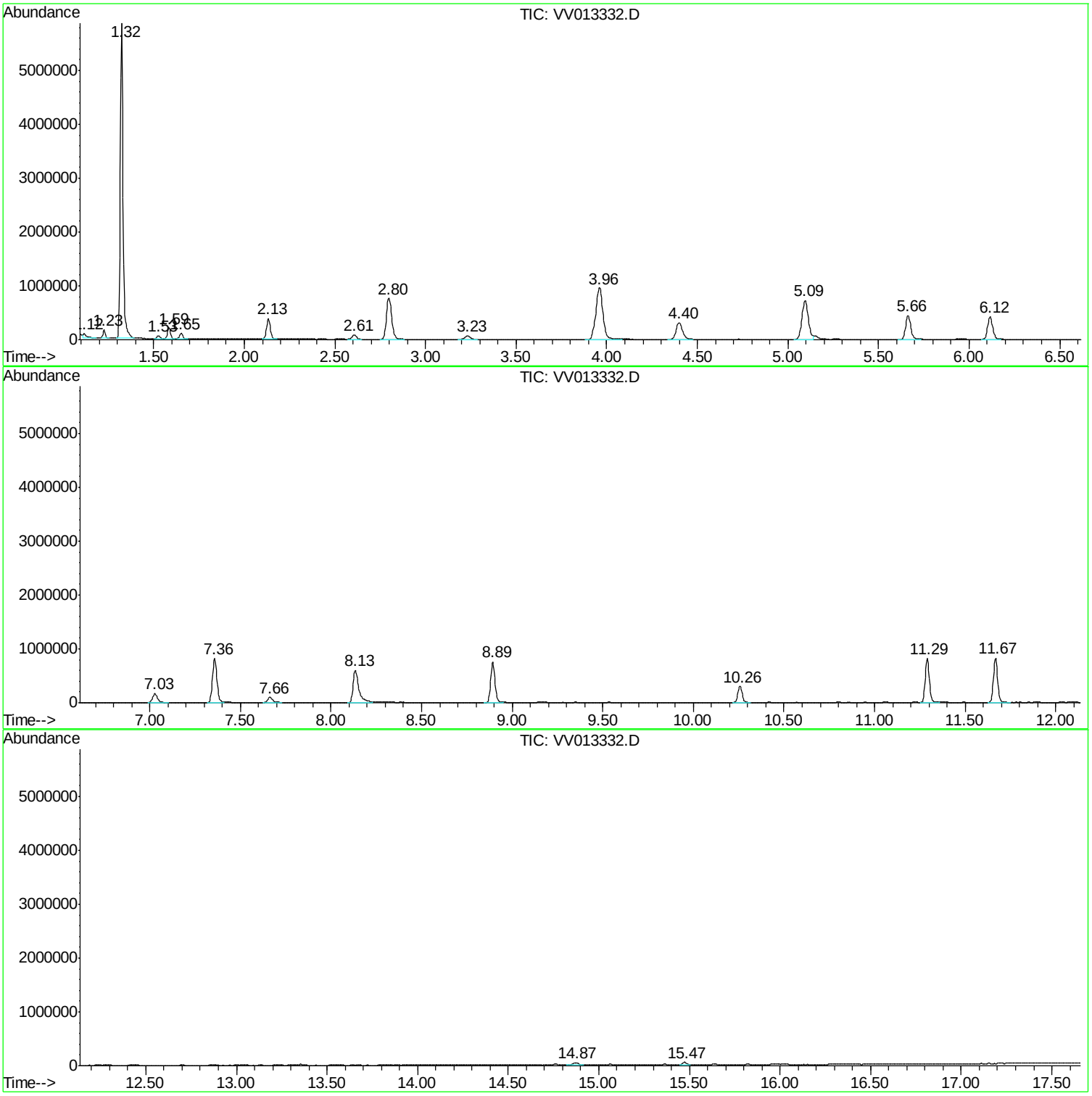
ClientSampleId : H0G26

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.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 Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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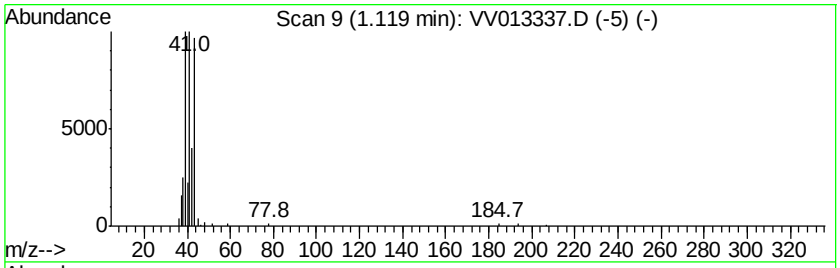
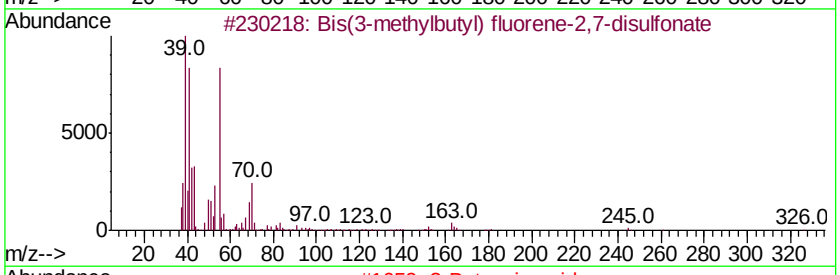
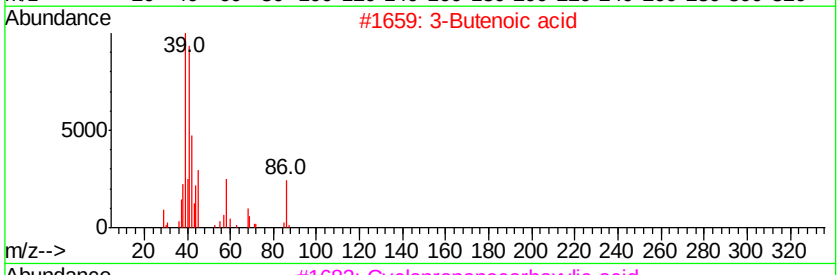
Peak Number 1 Bis(3-methylbutyl) fluorene... Concentration Rank 5

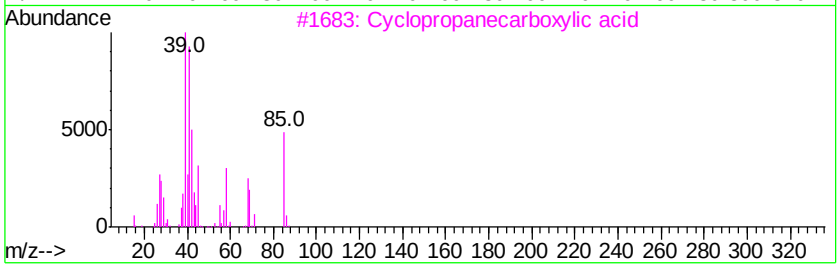
R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	0.56 ug/L	100371	1,4-Difluorobenzene	5.66

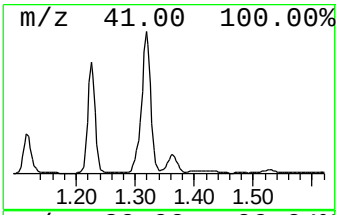
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(3-methylbutyl) fluorene-2,7-...	466	C23H30O6S2	253664-95-8	78
2	3-Butenoic acid	86	C4H6O2	000625-38-7	74
3	Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	64
4	2-Butenal, (E)-	70	C4H6O	000123-73-9	64
5	Dimethylketene	70	C4H6O	000598-26-5	43

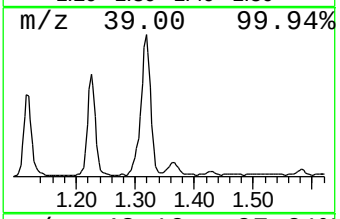


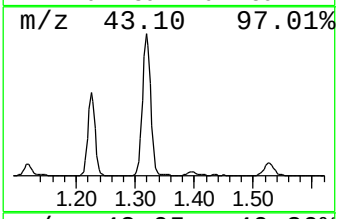


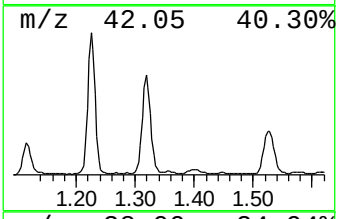


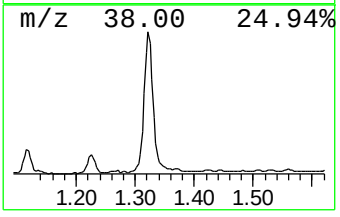












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ClientSampleId : H0G26

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0

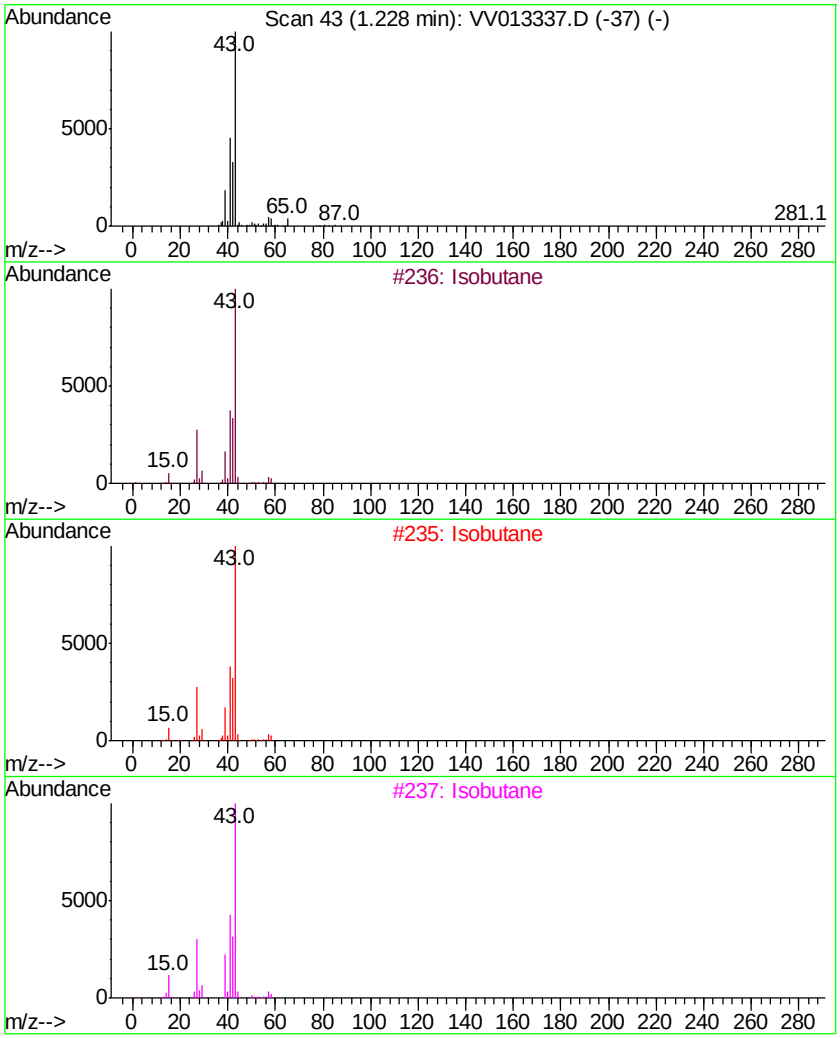
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

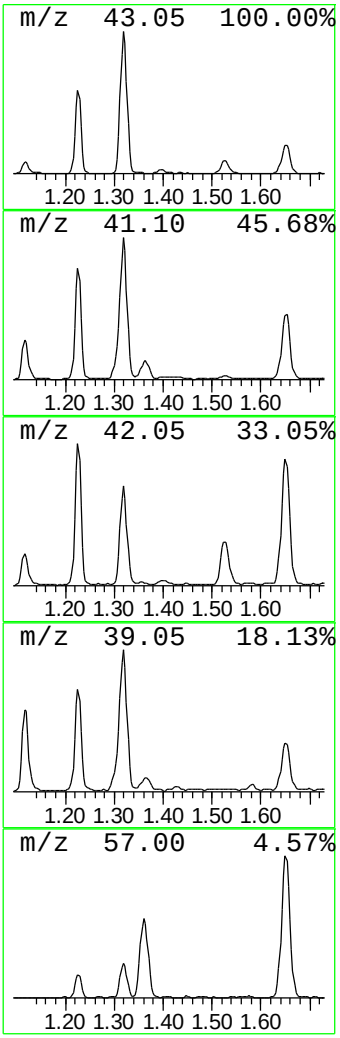
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.23	0.74 ug/L	133959	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	72
2	Isobutane	58	C4H10	000075-28-5	64
3	Isobutane	58	C4H10	000075-28-5	64
4	Isobutane	58	C4H10	000075-28-5	50
5	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	28





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Instrument : MSVOA_V
ClientSampleId : H0G26

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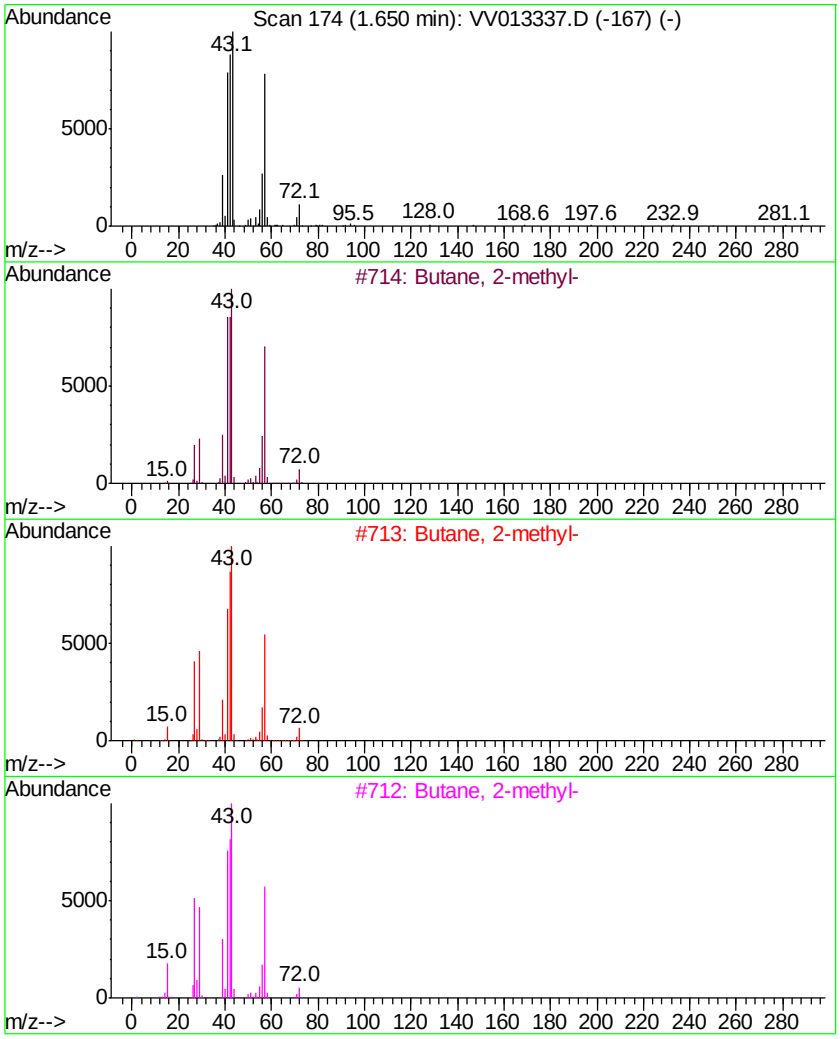
TIC Integration Parameters: LSCINT.P

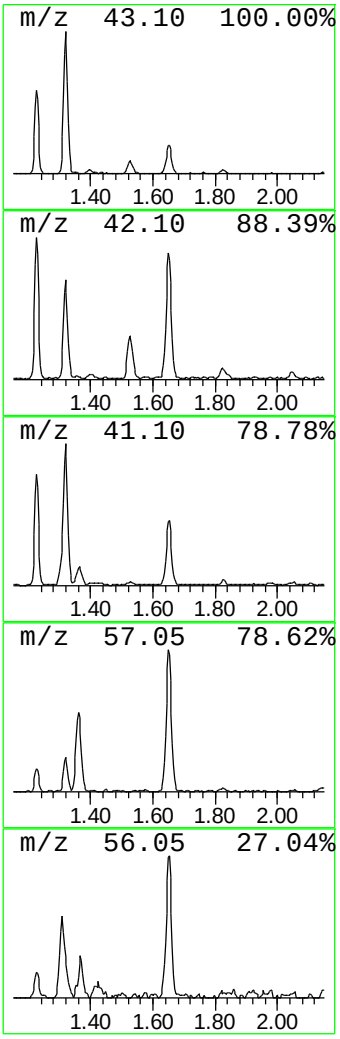
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.65	0.62 ug/L	112677	1,4-Difluorobenzene	5.66

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	91
3	Butane, 2-methyl-	72	C5H12	000078-78-4	80
4	2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	36
5	Pentane	72	C5H12	000109-66-0	33





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ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId : H0G26

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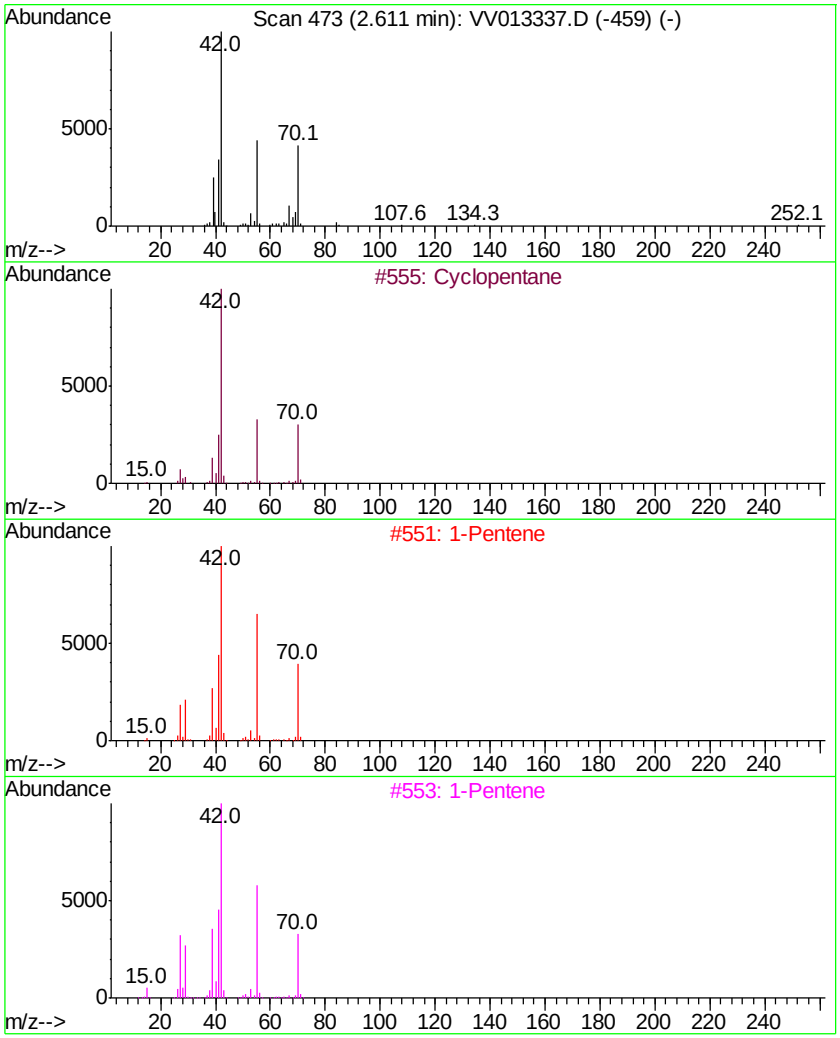
TIC Integration Parameters: LSCINT.P

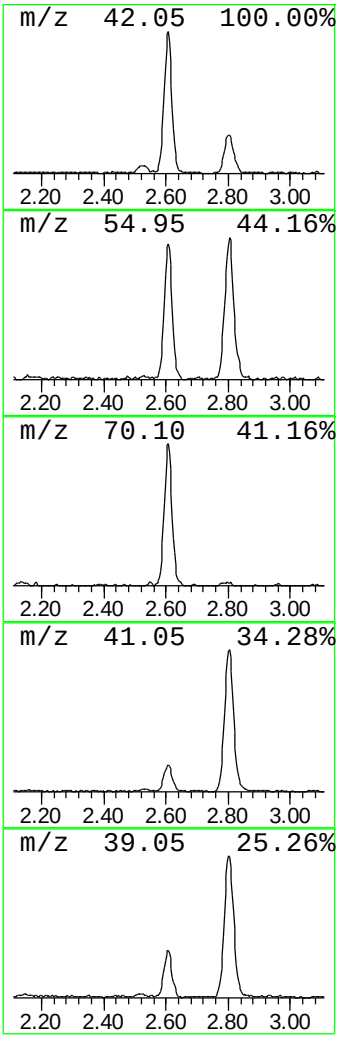
****

Peak Number 4 (DEL) Alkane: Cyclic2.61 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.61	0.81 ug/L	146125	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	72
2	1-Pentene	70	C5H10	000109-67-1	45
3	1-Pentene	70	C5H10	000109-67-1	43
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	33
5	Methyl propargyl ether	70	C4H6O	000627-41-8	9





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
Bis(3-methylbutyl...	1.12	0.6	ug/L	100371	1	5.66	902870	5.0
(DEL) Alkane: Str...	1.23	0.7	ug/L	133959	1	5.66	902870	5.0
(DEL) Alkane: Str...	1.65	0.6	ug/L	112677	1	5.66	902870	5.0
(DEL) Alkane: Cyc...	2.61	0.8	ug/L	146125	1	5.66	902870	5.0