

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102519\
 Data File : VV013338.D
 Acq On : 25 Oct 2019 01:17
 Operator : SY/MD
 Sample : K5462-23
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0G27

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_V\METHOD\SOMVTR102119WMA.M
 Title : TRACE VOA SOM01.0

Signal : TIC: VV013333.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.225	37	42	53	rVB	155378	142023	2.20%	0.586%
2	1.322	62	72	92	rBV	6048614	6462378	100.00%	26.651%
3	1.528	129	136	142	rBV	62219	68269	1.06%	0.282%
4	1.582	146	153	162	rVB	197247	222980	3.45%	0.920%
5	1.650	167	174	186	rVB	94493	116379	1.80%	0.480%
6	2.132	314	324	344	rVB	381920	546219	8.45%	2.253%
7	2.605	461	471	485	rVB	81226	145585	2.25%	0.600%
8	2.798	514	531	554	rBV2	750647	1566906	24.25%	6.462%
9	3.229	650	665	685	rBV	68349	144307	2.23%	0.595%
10	3.958	874	892	927	rBV2	990814	2684024	41.53%	11.069%
11	4.399	1012	1029	1058	rBV	309253	767796	11.88%	3.166%
12	5.097	1229	1246	1284	rBV2	707055	1865878	28.87%	7.695%
13	5.663	1408	1422	1451	rBV	477982	958423	14.83%	3.952%
14	6.116	1545	1563	1588	rBV	411429	842247	13.03%	3.473%
15	7.026	1829	1846	1868	rBV2	160909	301058	4.66%	1.242%
16	7.357	1932	1949	1968	rBV	784147	1373319	21.25%	5.663%
17	7.662	2033	2044	2059	rBV	95043	164507	2.55%	0.678%
18	8.135	2176	2191	2228	rBV3	579635	1323314	20.48%	5.457%
19	8.894	2411	2427	2444	rBV	784536	1282141	19.84%	5.287%
20	10.257	2840	2851	2870	rVB	290223	461941	7.15%	1.905%
21	11.289	3159	3172	3192	rBV	866914	1351083	20.91%	5.572%
22	11.669	3277	3290	3310	rBV	801625	1285787	19.90%	5.303%
23	14.874	4278	4287	4299	rVB3	42713	82057	1.27%	0.338%
24	15.472	4465	4473	4487	rBV2	55082	89992	1.39%	0.371%

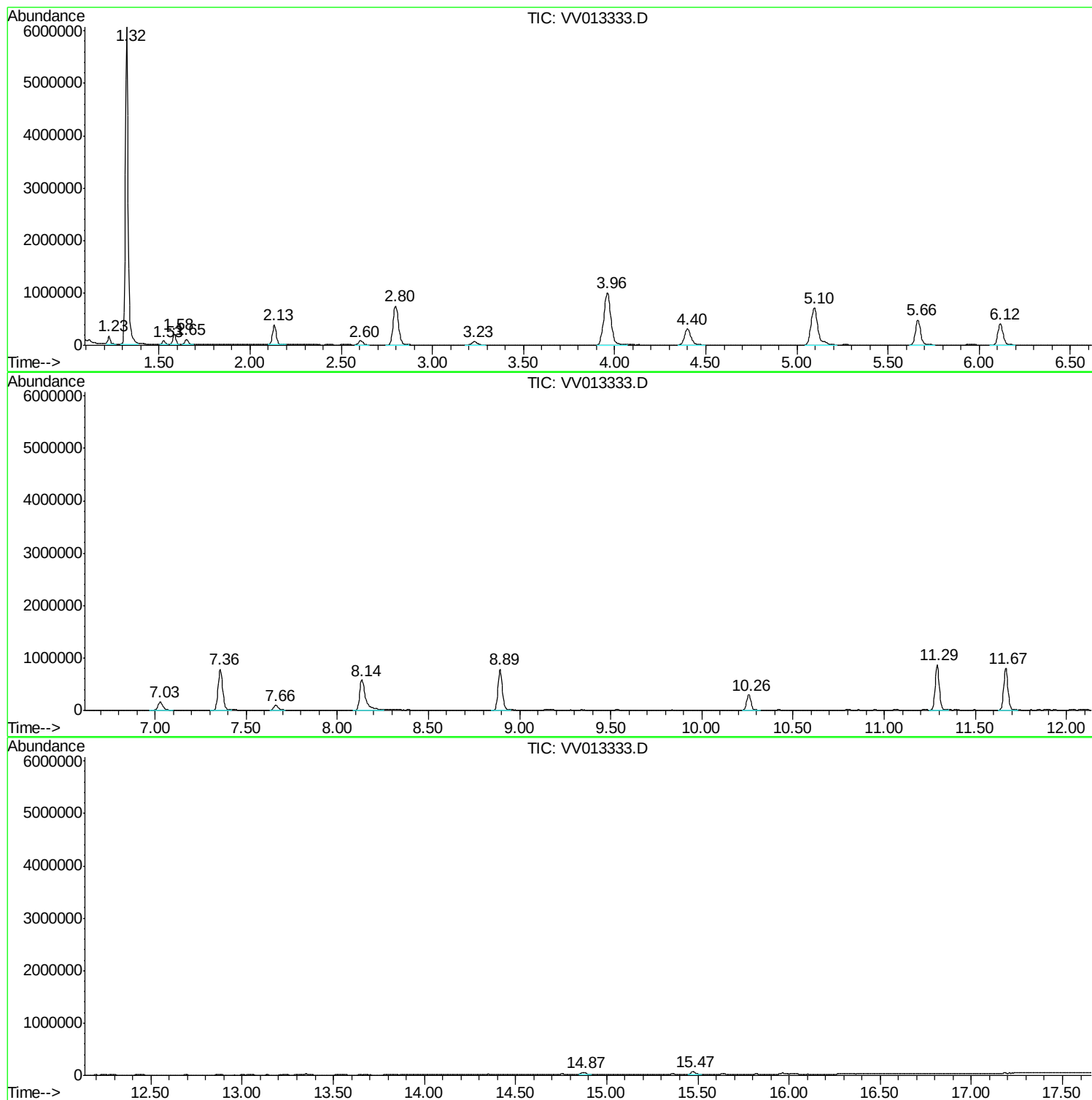
Sum of corrected areas: 24248613

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Quant Title : TRACE VOA SOM01.0

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



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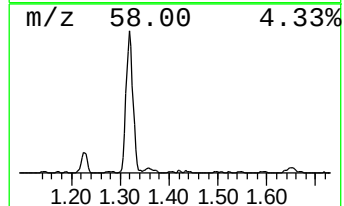
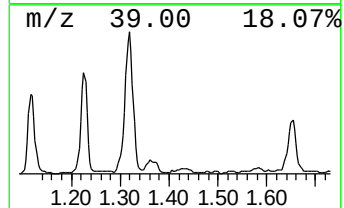
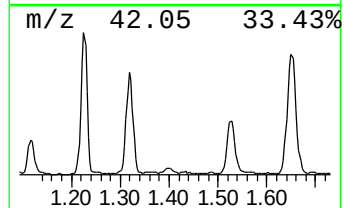
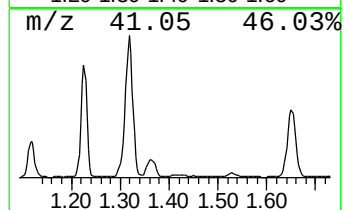
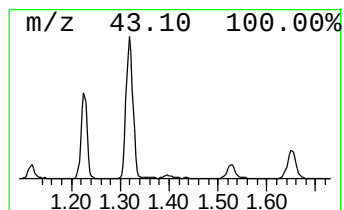
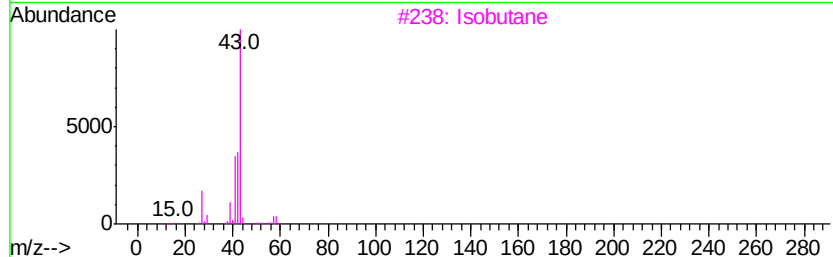
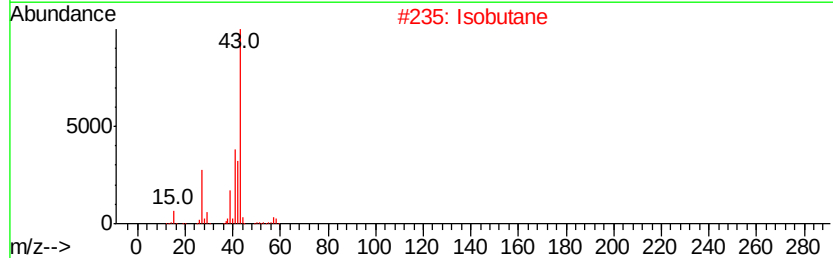
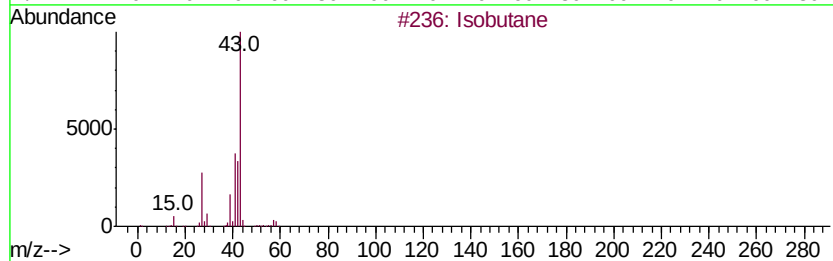
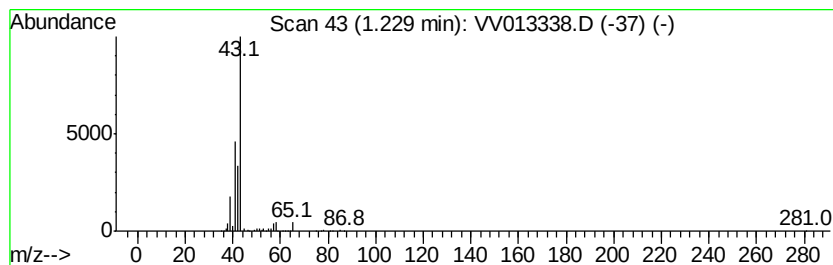
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.23	0.74 ug/L	142023	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutane	58	C4H10	000075-28-5	64
2		Isobutane	58	C4H10	000075-28-5	64
3		Isobutane	58	C4H10	000075-28-5	42
4		Isobutane	58	C4H10	000075-28-5	9
5		1-[3-(4-Bromophenyl)-2-thioureid...	560	C21H25BrN2O9S	094273-12-8	9



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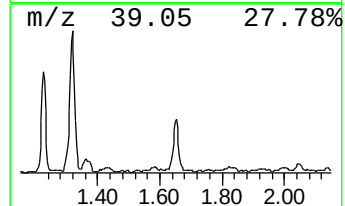
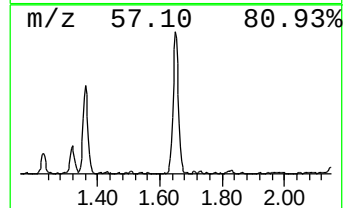
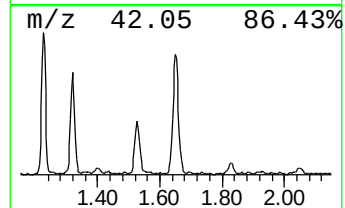
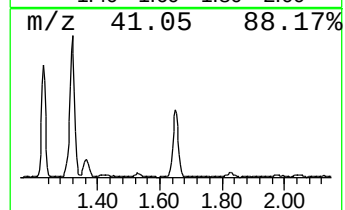
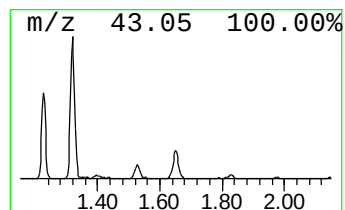
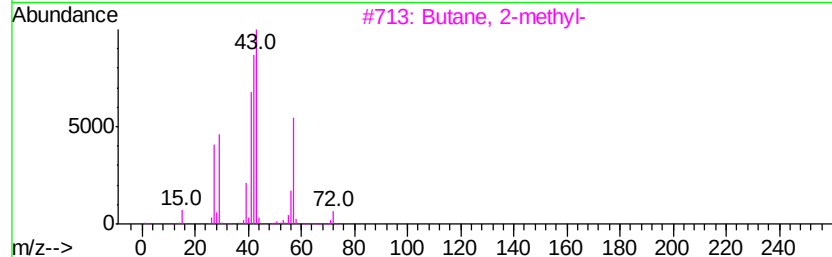
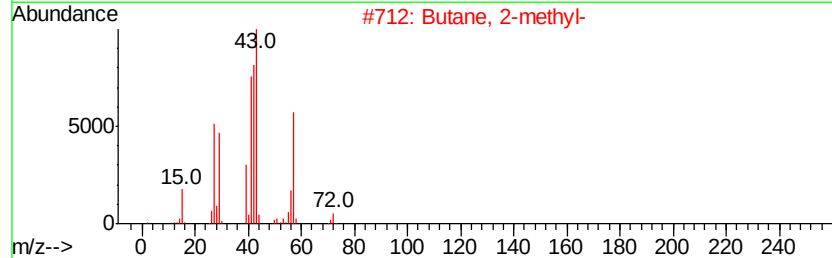
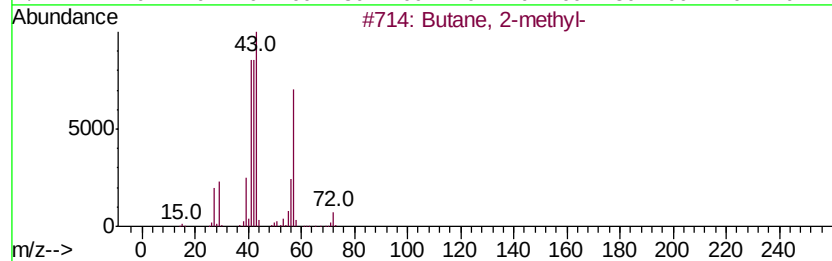
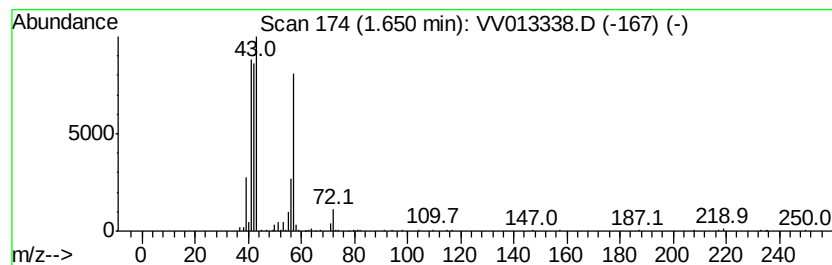
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.65	0.61 ug/L	116379	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	80
3			Butane, 2-methyl-	72	C5H12	000078-78-4	80
4			1,1-Diisobutoxy-butane	202	C12H26O2	013002-16-9	22
5			1-Propene, 2-methyl-	56	C4H8	000115-11-7	10



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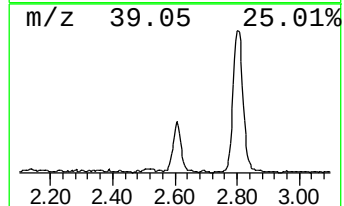
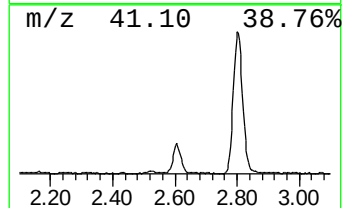
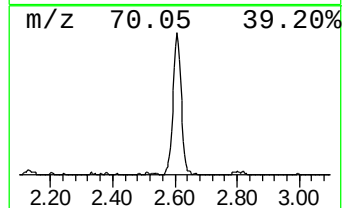
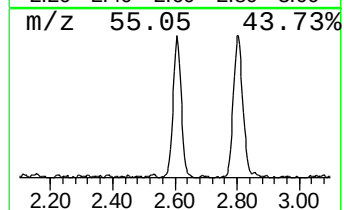
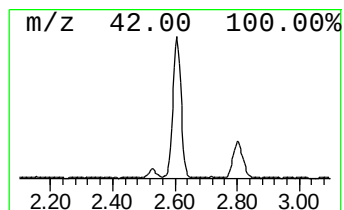
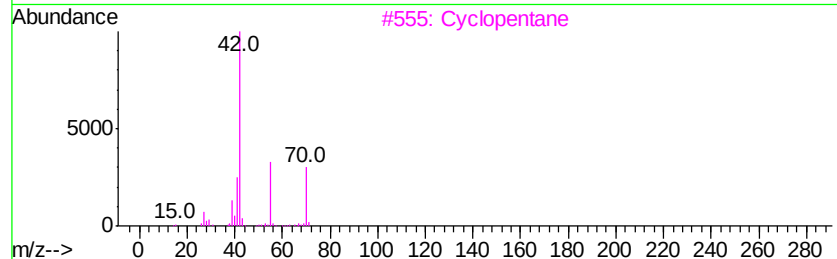
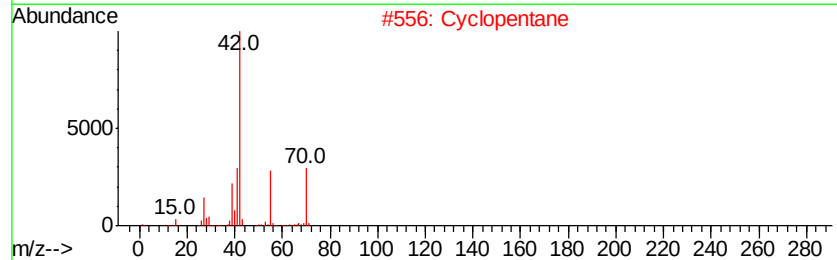
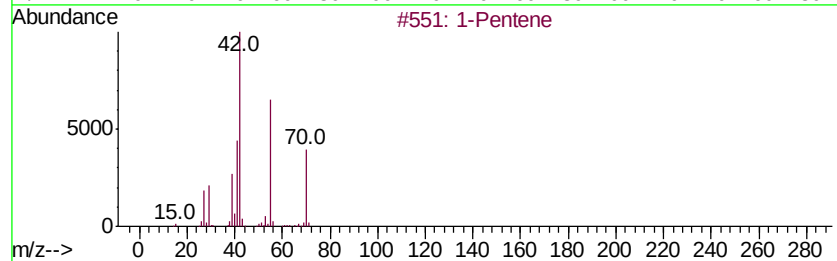
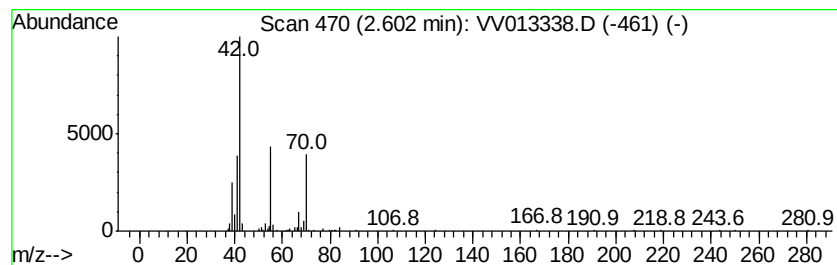
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Peak Number 3 (DEL) Alkane: Cyclic2.60 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.60	0.76 ug/L	145585	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentene	70	C5H10	000109-67-1	83
2		Cyclopentane	70	C5H10	000287-92-3	80
3		Cyclopentane	70	C5H10	000287-92-3	56
4		1-Pentene	70	C5H10	000109-67-1	53
5		1-Pentanol	88	C5H12O	000071-41-0	40



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	1.23	0.7	ug/L	142023	1	5.66	958423	5.0
(DEL) Alkane: Str...	1.65	0.6	ug/L	116379	1	5.66	958423	5.0
(DEL) Alkane: Cyc...	2.60	0.8	ug/L	145585	1	5.66	958423	5.0