

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050720\
 Data File : VU038068.D
 Acq On : 08 May 2020 03:25
 Operator : JC/MD
 Sample : L2528-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFS5

Quant Time: May 08 06:02:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 04:55:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	363217	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	355655	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	165263	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	141573	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.93	69	122524	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.59	63	173235	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.66	46	335842	40.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.94%
24) Chloroform-d	5.10	84	198718	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.80%
26) 1,2-Dichloroethane-d4	5.74	65	126370	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	5.76	84	474346	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.72	67	152435	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.92	98	427836	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	8.20	79	52058	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	8.65	63	268174	41.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.44%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	115654	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	148722	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

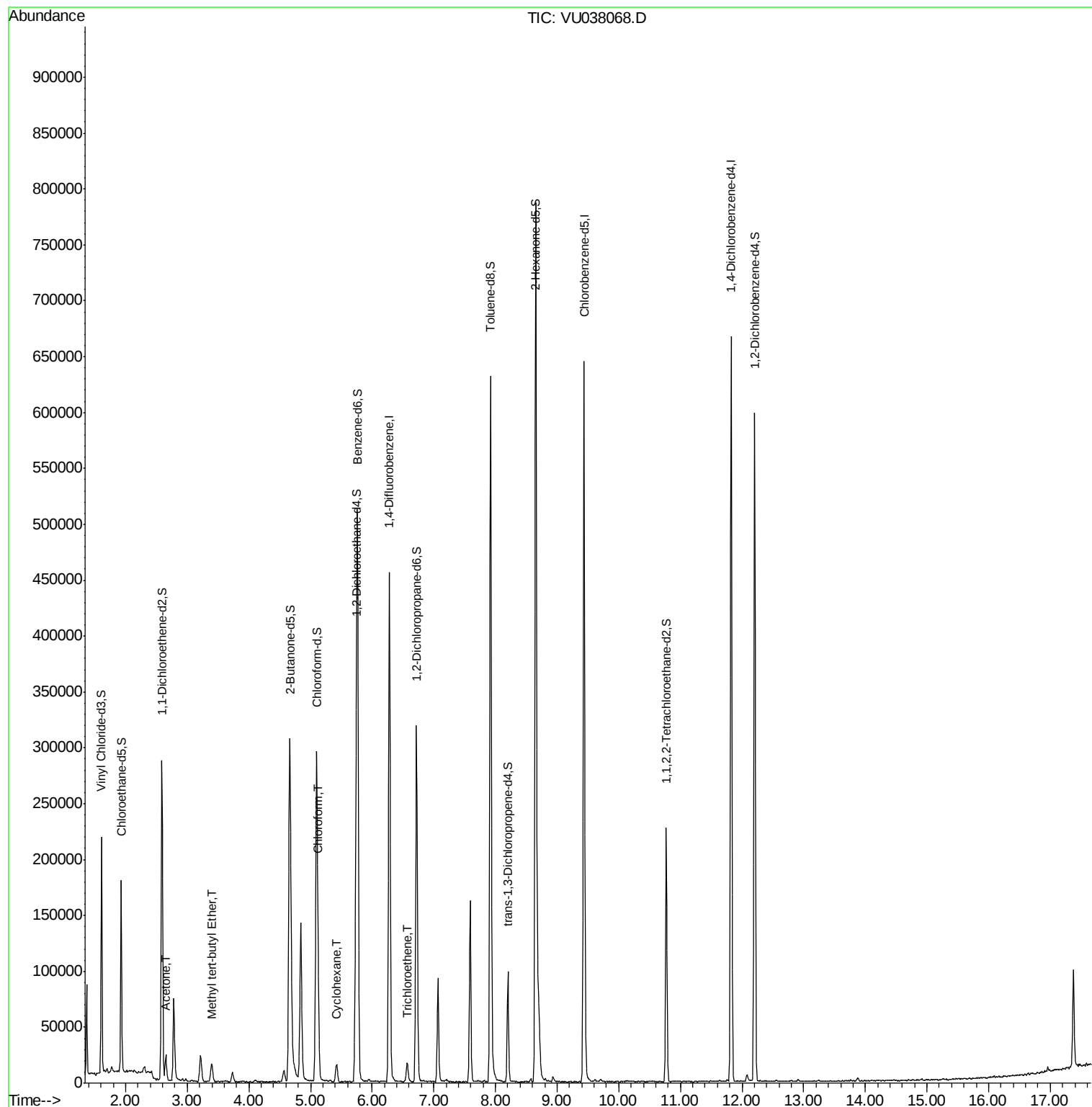
					Ovalue
13) Acetone	2.65	43	26160	5.087 ug/L	100
17) Methyl tert-butyl Ether	3.40	73	8569	0.122 ug/L #	5
25) Chloroform	5.13	83	40454	0.807 ug/L	98
30) Cyclohexane	5.42	56	8002	0.166 ug/L	91
34) Trichloroethene	6.57	95	4681	0.164 ug/L	91

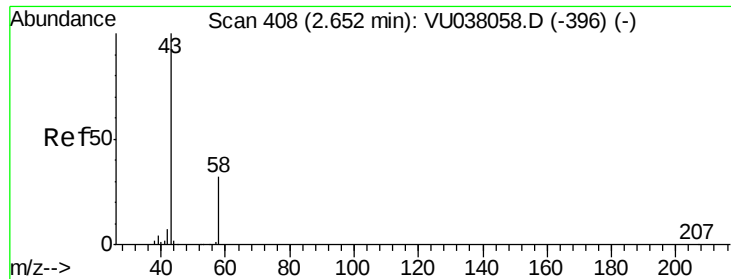
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.087 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

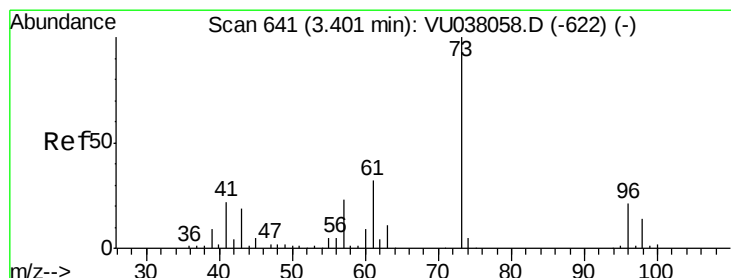
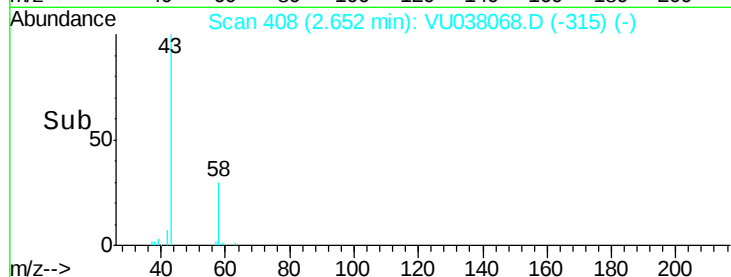
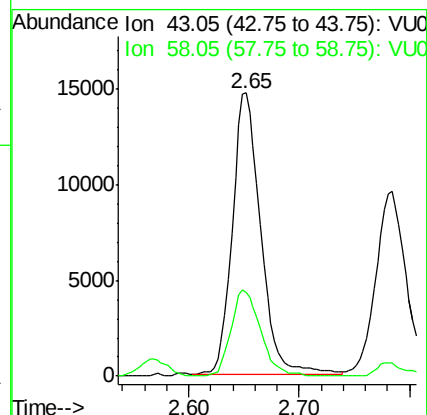
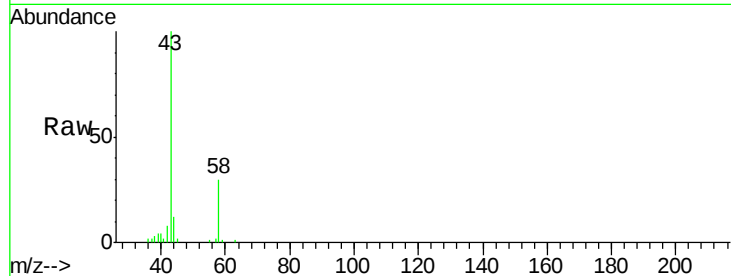
BFSL5

Tot Ion: 43 Resp: 26160

Ion Ratio Lower Upper

43 100

58 32.0 0.0 63.6



#17

Methyl tert-butyl Ether

Concen: 0.122 ug/L

RT: 3.40 min Scan# 641

Delta R.T. 0.00 min

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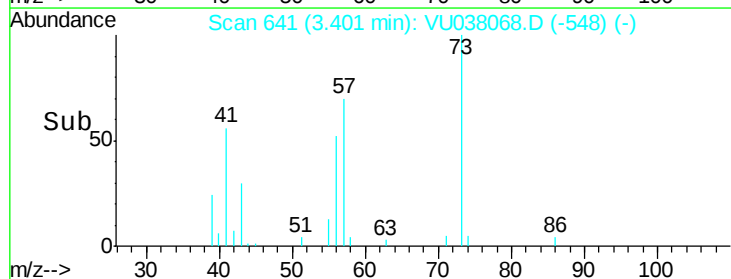
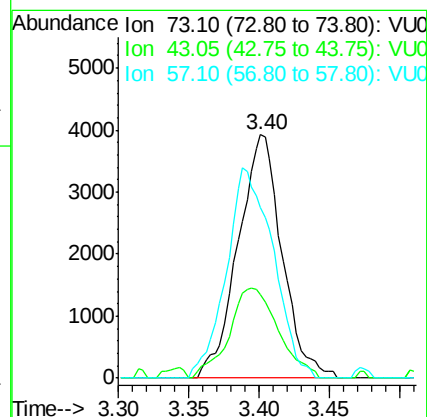
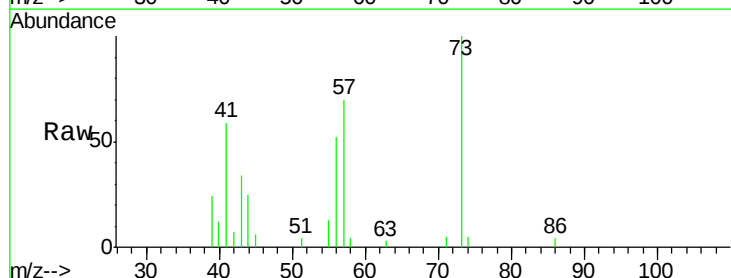
Tgt Ion: 73 Resp: 8569

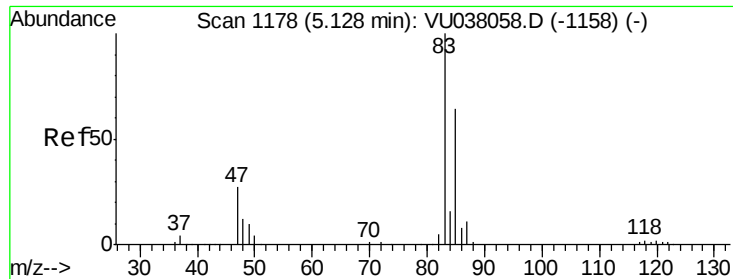
Ion Ratio Lower Upper

73 100

43 41.3 16.9 25.3#

57 91.6 18.2 27.2#

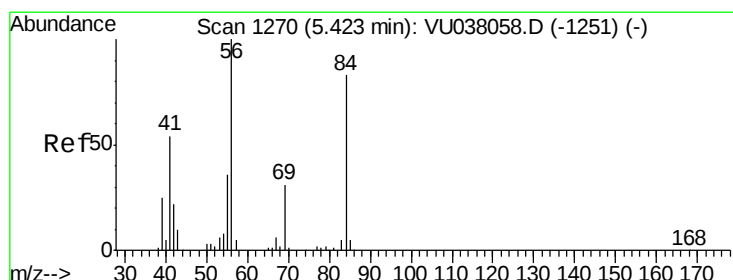
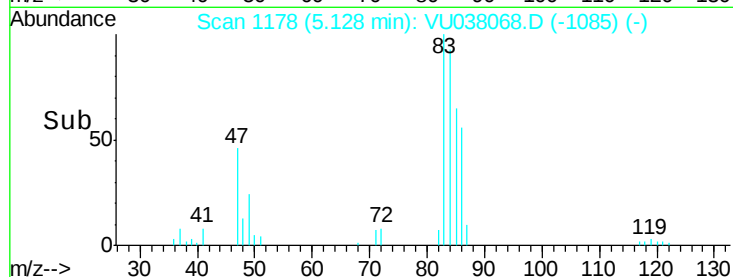
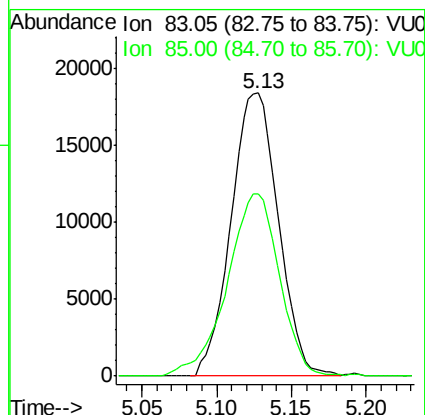
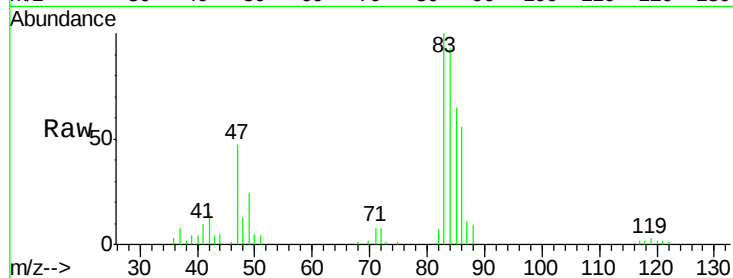




#25
Chloroform
Concen: 0.807 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU038068.D
Acq: 08 May 2020 03:25

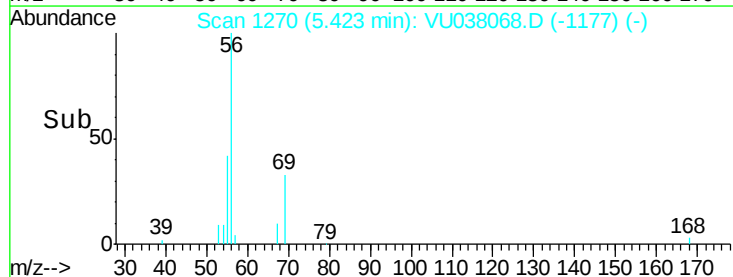
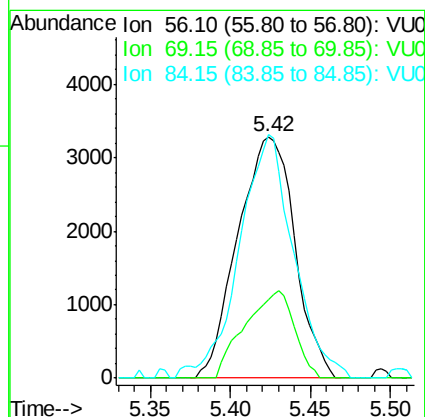
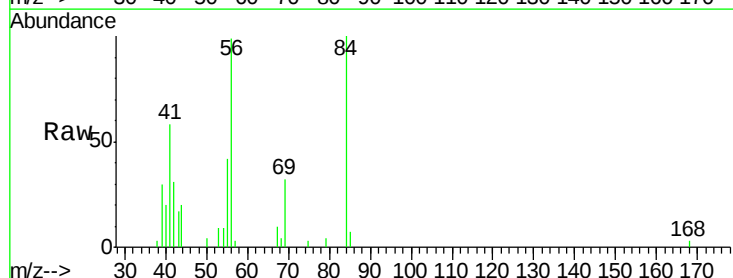
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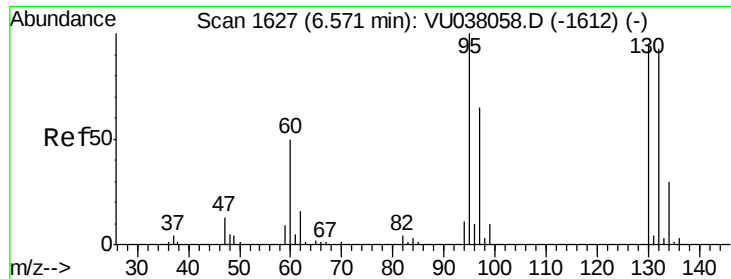
Tot Ion: 83 Resp: 40454
Ion Ratio Lower Upper
83 100
85 64.6 46.2 85.8



#30
Cyclohexane
Concen: 0.166 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038068.D
Acq: 08 May 2020 03:25

Tgt Ion: 56 Resp: 8002
Ion Ratio Lower Upper
56 100
69 31.6 24.2 36.4
84 96.2 68.5 102.7





#34

Trichloroethene

Concen: 0.164 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU038068.D

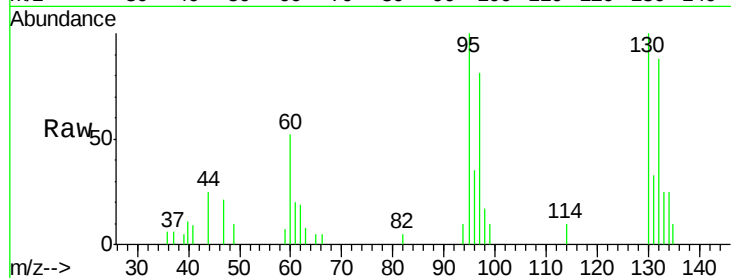
Acq: 08 May 2020 03:25

Instrument :

MSVOA_U

ClientSampleId :

BFSL5



Tot Ion: 95 Resp: 4681

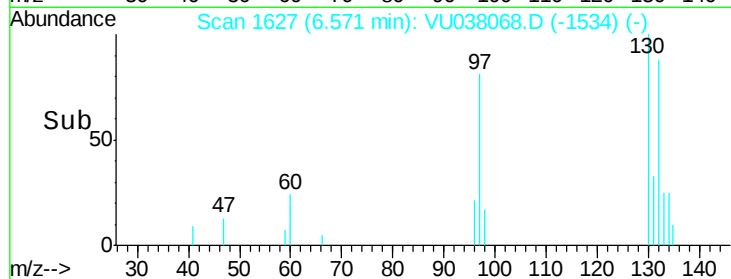
Ion Ratio Lower Upper

95 100

97 81.1 44.9 83.3

132 87.6 63.3 117.5

130 99.8 65.7 122.1



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

