

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR082918\
 Data File : VR025660.D
 Acq On : 29 Aug 2018 18:15
 Operator : SY/MD
 Sample : J4633-03
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 DB3J7

Quant Time: Aug 30 06:44:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 30 06:43:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	409672	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	344037	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	102467	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	114529	4.29	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	2.62	69	94602	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.20%
11) 1,1-Dichloroethene-d2	3.62	63	193879	2.94	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	6.60	46	134602	66.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.48%#
24) Chloroform-d	7.21	84	203440	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	7.89	65	75840	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	7.86	84	459457	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
36) 1,2-Dichloropropane-d6	8.90	67	135879	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	9.97	98	404991	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloropropene-	10.24	79	28015	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	10.59	63	134820	60.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.78%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	59718	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	95965	5.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.20%

Target Compounds

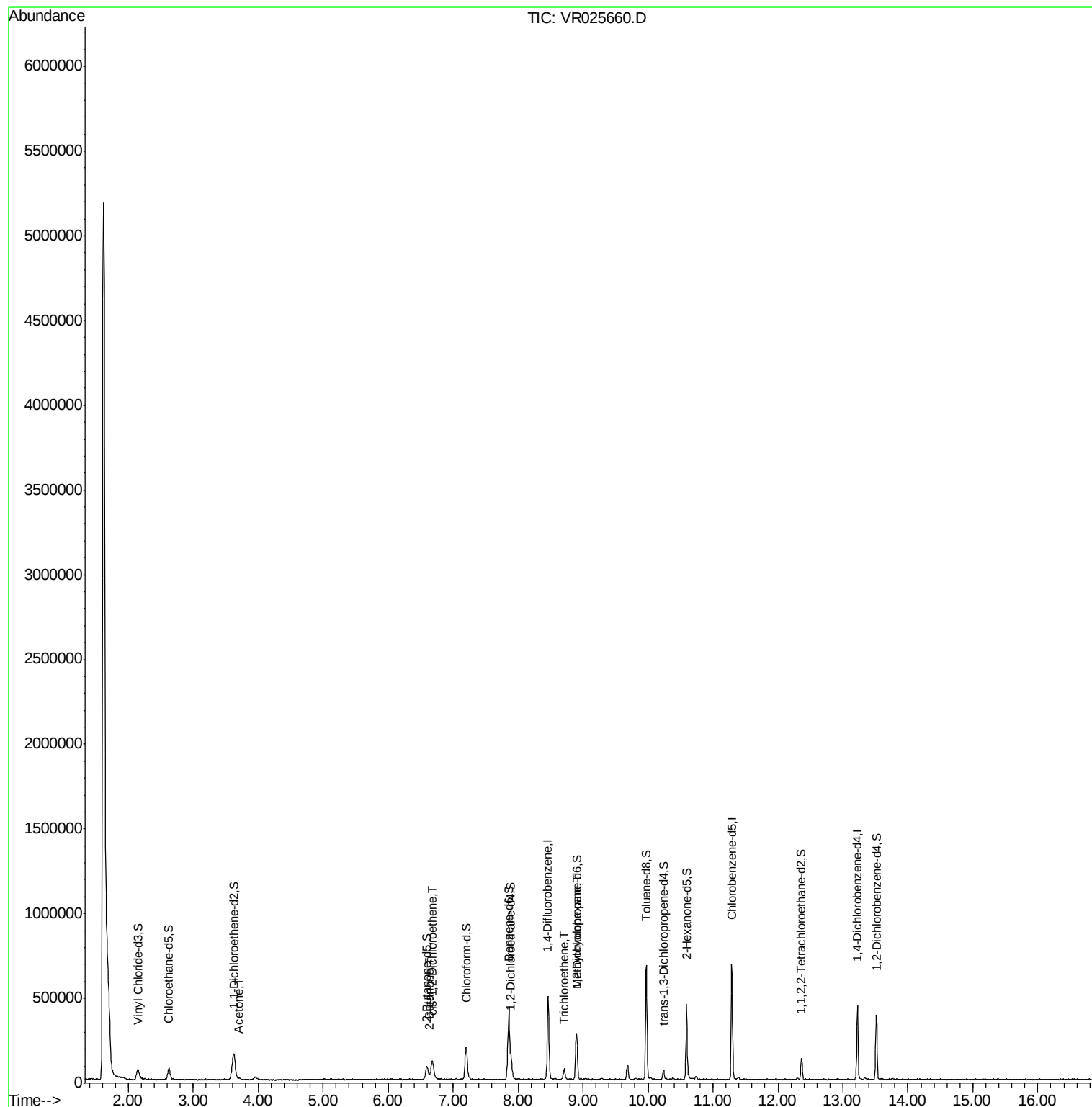
					Qvalue
13) Acetone	3.70	43	12864	10.162 ug/L	85
21) 2-Butanone	6.63	43	577	0.231 ug/L	86
22) cis-1,2-Dichloroethene	6.68	96	64024	2.193 ug/L #	79
34) Trichloroethene	8.71	95	20756	0.721 ug/L	94
35) Methylcyclohexane	8.90	83	31145	0.665 ug/L #	22

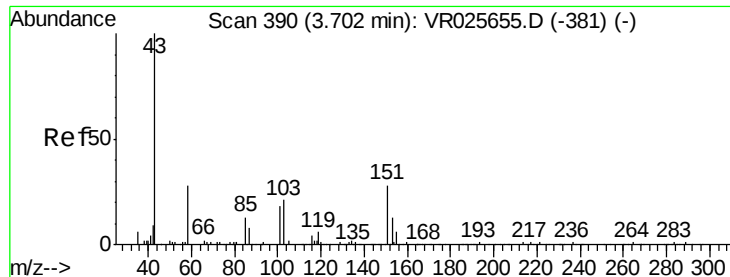
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 30 06:43:05 2018
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#13

Acetone

Concen: 10.162 ug/L

RT: 3.70 min Scan# 389

Delta R.T. -0.01 min

Lab File: VR025660.D

Acq: 29 Aug 2018 18:15

Instrument :

MSVOA_R

ClientSampled :

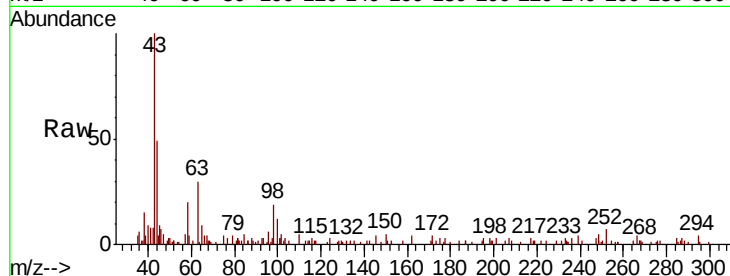
DB3J7

Tgt Ion: 43 Resp: 12864

Ion Ratio Lower Upper

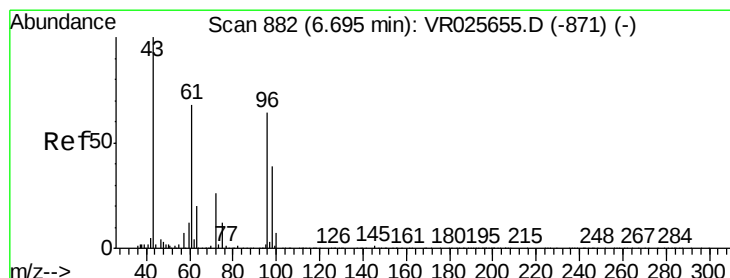
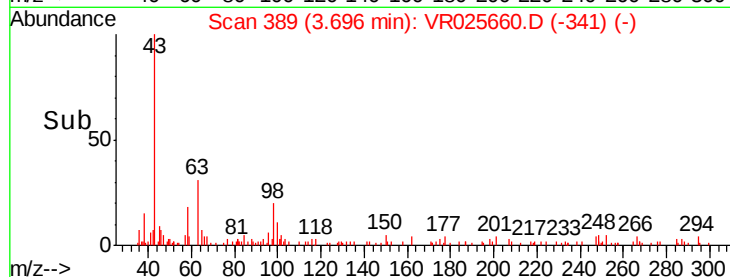
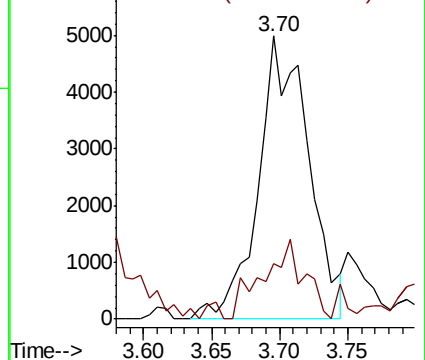
43 100

58 23.2 0.0 63.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#21

2-Butanone

Concen: 0.231 ug/L

RT: 6.63 min Scan# 872

Delta R.T. -0.06 min

Lab File: VR025660.D

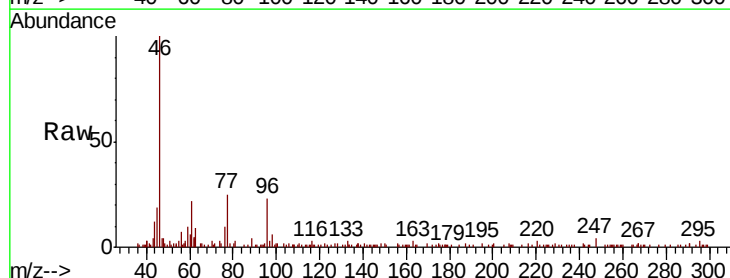
Acq: 29 Aug 2018 18:15

Tgt Ion: 43 Resp: 577

Ion Ratio Lower Upper

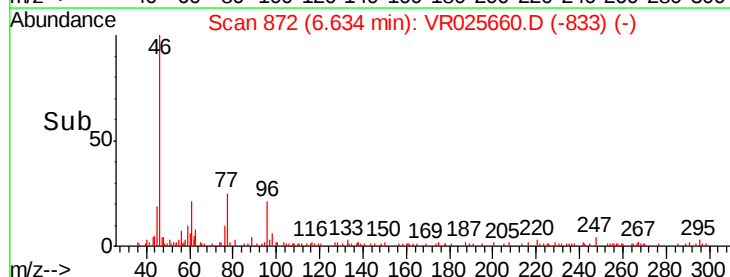
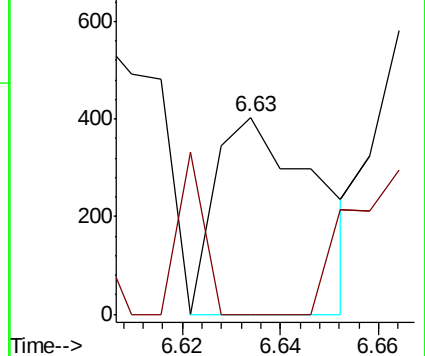
43 100

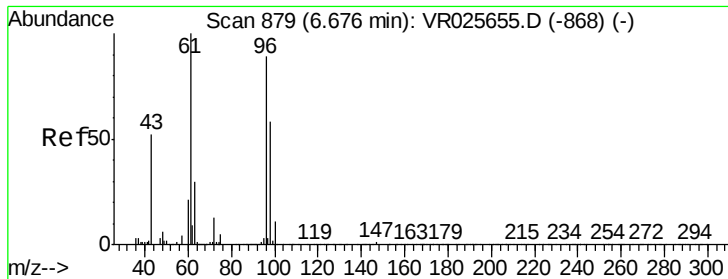
72 21.0 14.3 42.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0



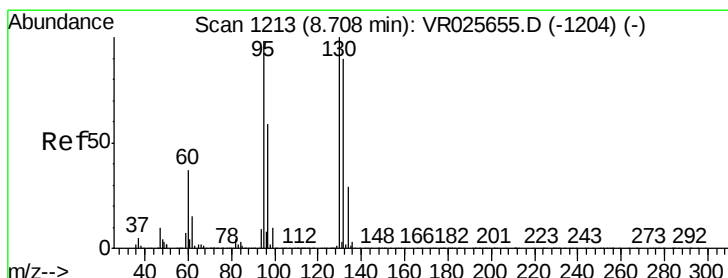
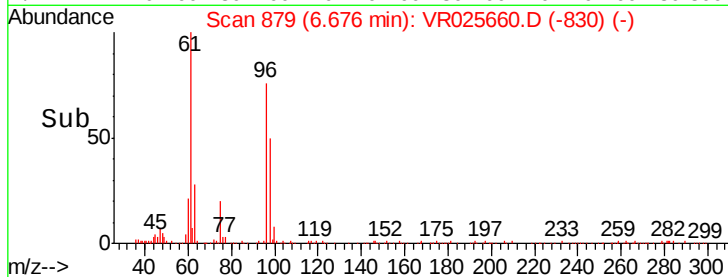
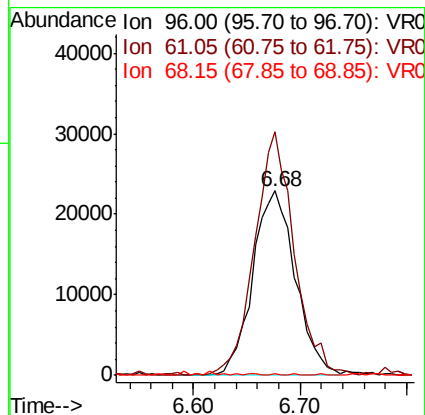
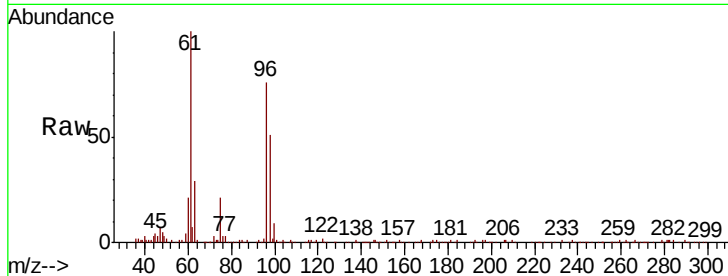


#22

cis-1,2-Dichloroethene
 Concen: 2.193 ug/L
 RT: 6.68 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: VR025660.D
 Acq: 29 Aug 2018 18:15

Instrument :
 MSVOA_R
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 DB3J7

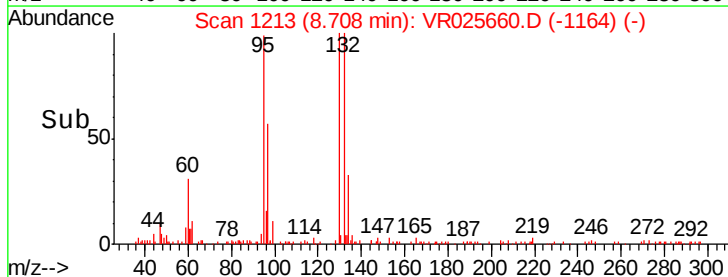
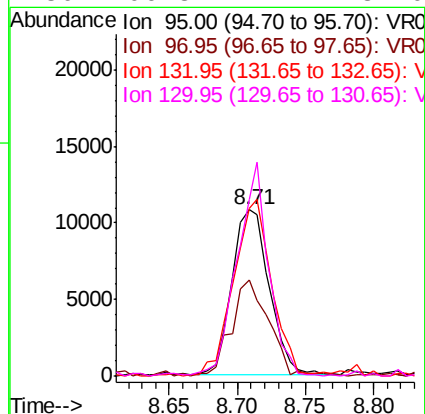
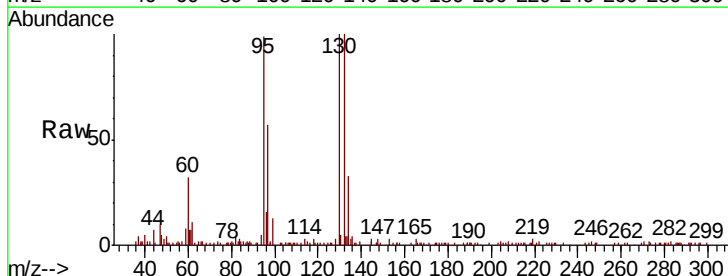
Tgt Ion: 96 Resp: 64024
 Ion Ratio Lower Upper
 96 100
 61 132.0 76.7 142.5
 68 0.8 0.1 0.3#

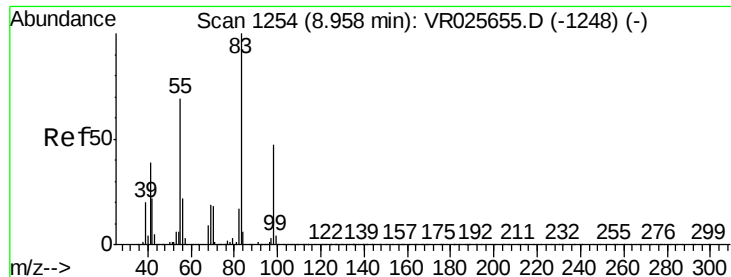


#34

Trichloroethene
 Concen: 0.721 ug/L
 RT: 8.71 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: VR025660.D
 Acq: 29 Aug 2018 18:15

Tgt Ion: 95 Resp: 20756
 Ion Ratio Lower Upper
 95 100
 97 57.7 45.7 84.9
 132 101.2 66.6 123.6
 130 106.3 72.2 134.0





#35

Methylcyclohexane

Concen: 0.665 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025660.D

Acq: 29 Aug 2018 18:15

Instrument :

MSVOA_R

ClientSampleId :

DB3J7

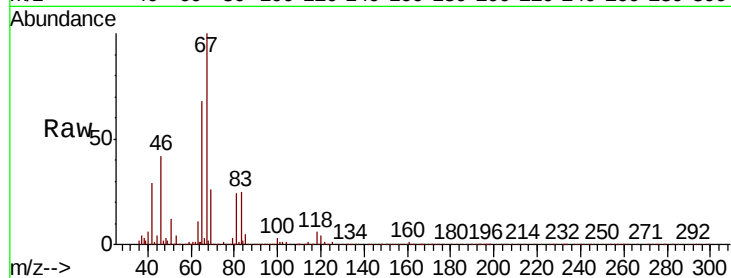
Tgt Ion: 83 Resp: 31145

Ion Ratio Lower Upper

83 100

55 0.9 56.7 85.1#

98 1.4 35.8 53.8#



Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

