

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080718\
 Data File : VR025569.D
 Acq On : 7 Aug 2018 10:21
 Operator : SY/MD
 Sample : VW0807WBL01
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VBLK92

Quant Time: Aug 08 02:00:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 08 02:00:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	519509	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	455889	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	162007	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	179970	5.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.80%
7) Chloroethane-d5	2.63	69	137187	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	3.63	63	292251	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	6.60	46	107000	40.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.44%
24) Chloroform-d	7.21	84	254102	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	7.90	65	85293	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	7.86	84	584115	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	8.90	67	151203	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	9.97	98	557755	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	10.24	79	35571	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	10.59	63	126595	48.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.50%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	65374	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	140142	5.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.20%

Target Compounds

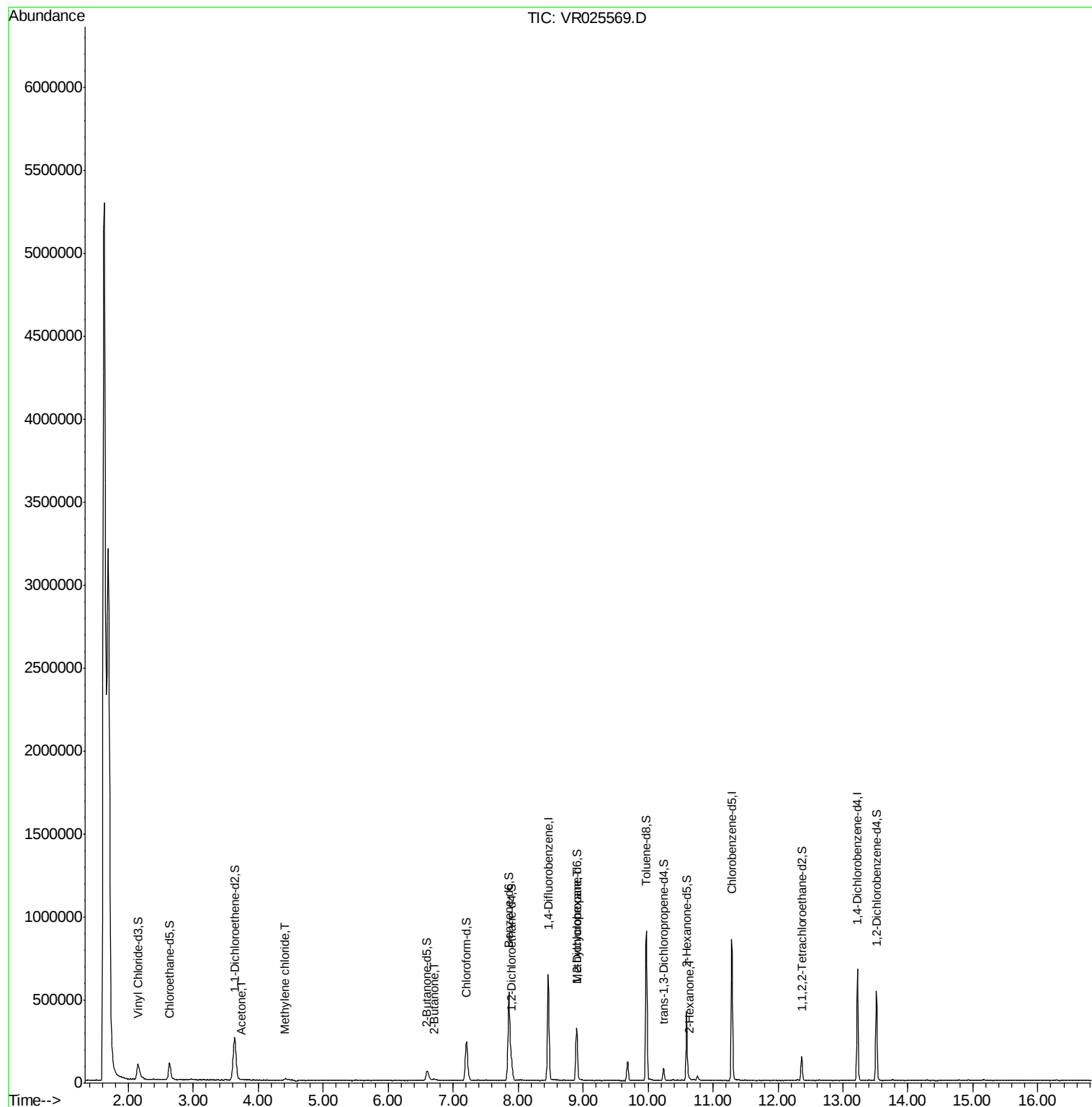
					Qvalue
13) Acetone	3.73	43	1073	0.480 ug/L	90
16) Methylene chloride	4.42	84	9190	0.293 ug/L	86
21) 2-Butanone	6.71	43	1019	0.328 ug/L	93
35) Methylcyclohexane	8.90	83	35066	0.666 ug/L #	22
48) 2-Hexanone	10.64	43	1278	0.227 ug/L #	59

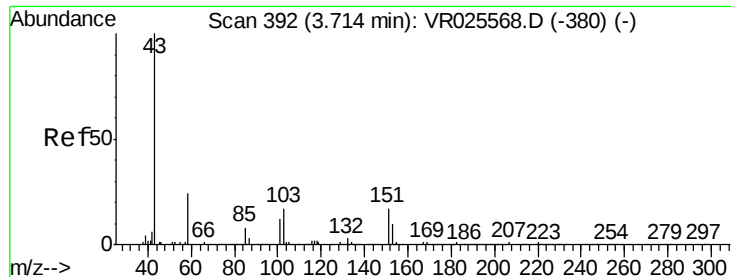
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.480 ug/L

RT: 3.73 min Scan# 395

Delta R.T. 0.02 min

Lab File: VR025569.D

Acq: 7 Aug 2018 10:21

Instrument :

MSVOA_R

ClientSampled :

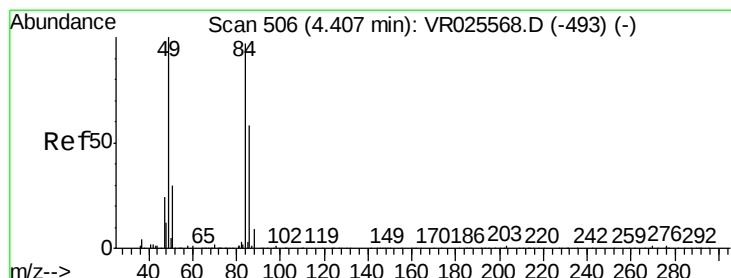
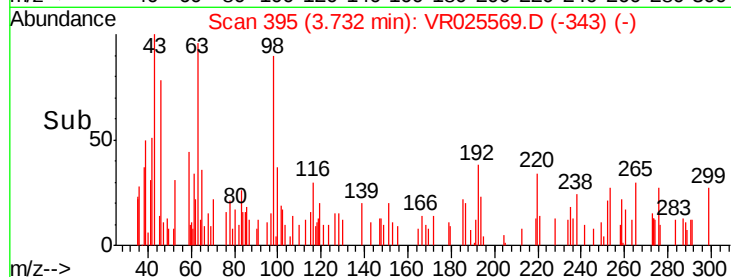
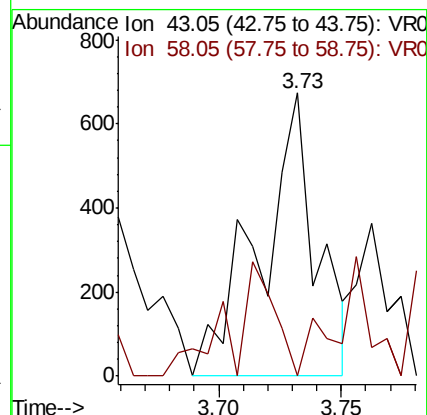
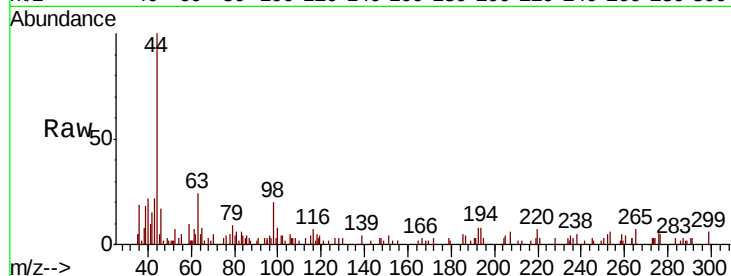
VBLK92

Tgt Ion: 43 Resp: 1073

Ion Ratio Lower Upper

43 100

58 31.7 0.0 53.4



#16

Methylene chloride

Concen: 0.293 ug/L

RT: 4.42 min Scan# 508

Delta R.T. 0.01 min

Lab File: VR025569.D

Acq: 7 Aug 2018 10:21

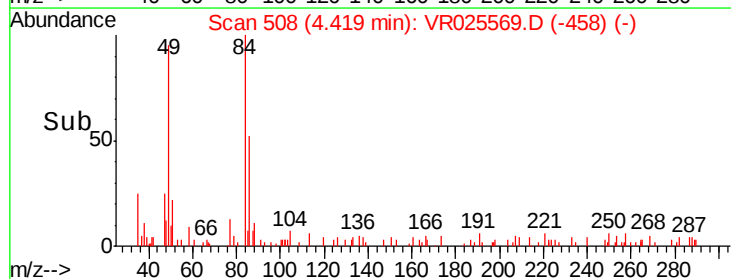
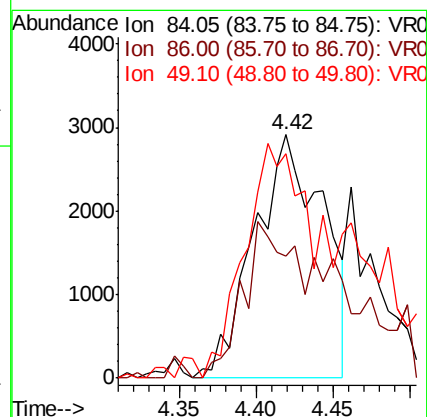
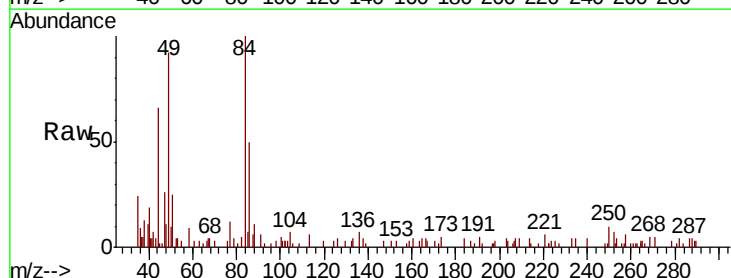
Tgt Ion: 84 Resp: 9190

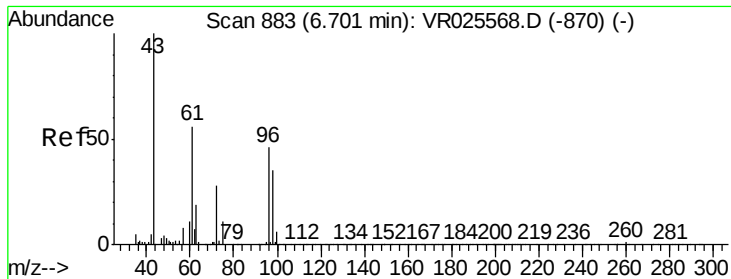
Ion Ratio Lower Upper

84 100

86 50.2 40.4 75.0

49 92.1 76.2 141.4

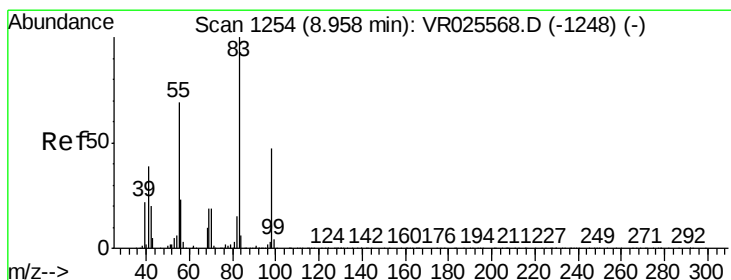
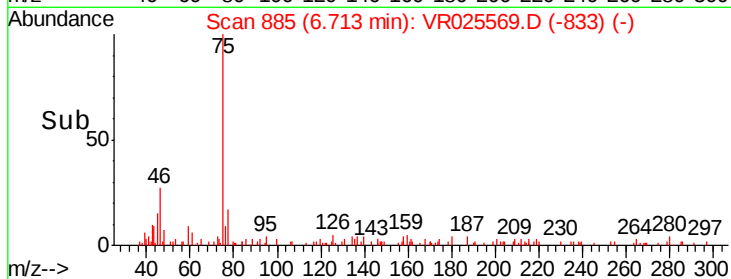
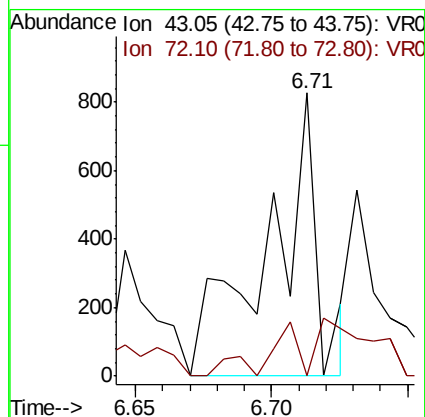
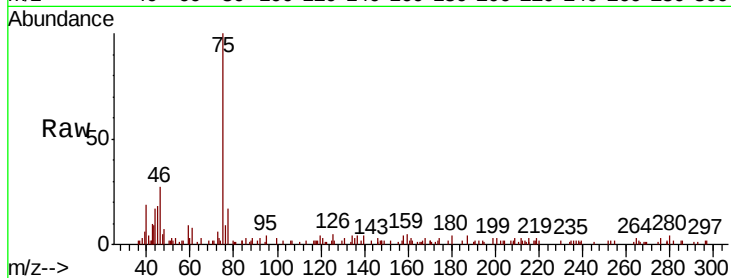




#21
2-Butanone
Concen: 0.328 ug/L
RT: 6.71 min Scan# 885
Delta R.T. 0.02 min
Lab File: VR025569.D
Acq: 7 Aug 2018 10:21

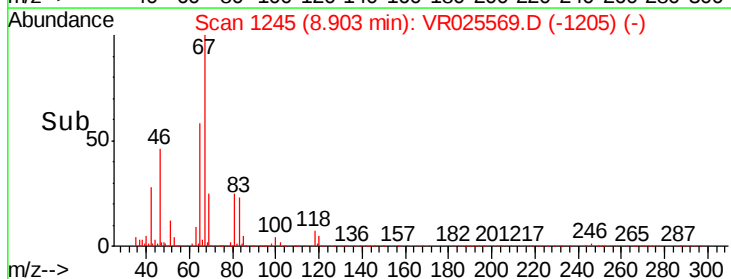
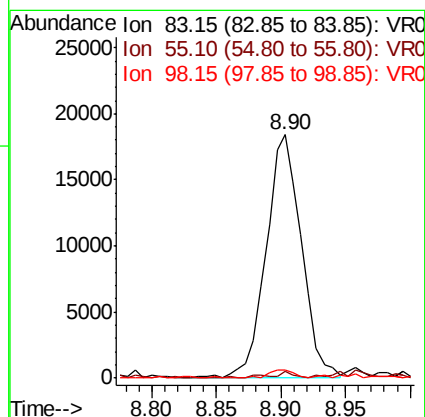
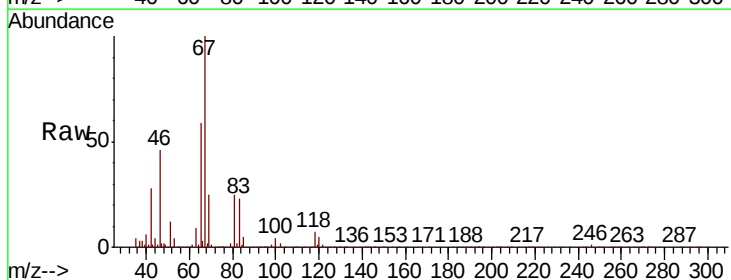
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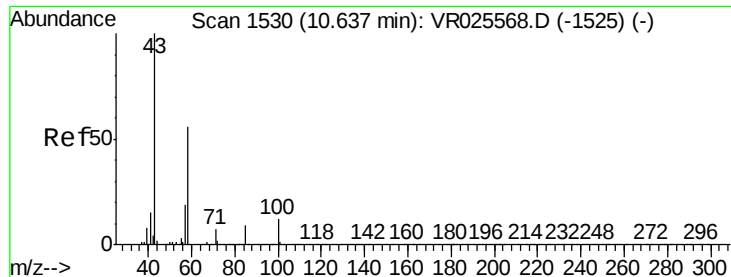
Tgt Ion: 43 Resp: 1019
Ion Ratio Lower Upper
43 100
72 22.7 13.2 39.6



#35
Methylcyclohexane
Concen: 0.666 ug/L
RT: 8.90 min Scan# 1245
Delta R.T. -0.05 min
Lab File: VR025569.D
Acq: 7 Aug 2018 10:21

Tgt Ion: 83 Resp: 35066
Ion Ratio Lower Upper
83 100
55 2.0 58.3 87.5#
98 2.6 37.8 56.6#





#48

2-Hexanone

Concen: 0.227 ug/L

RT: 10.64 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VR025569.D

Acq: 7 Aug 2018 10:21

Instrument :

MSVOA_R

ClientSampleId :

VBLK92

Tgt Ion: 43 Resp: 1278

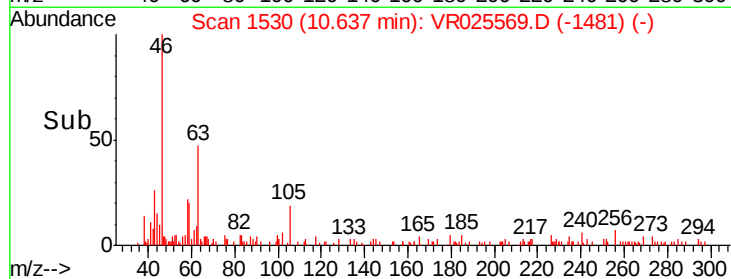
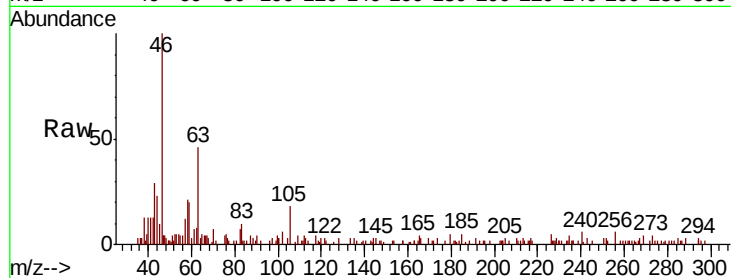
Ion Ratio Lower Upper

43 100

58 72.2 45.0 67.6#

57 47.5 15.8 23.6#

100 51.0 9.3 13.9#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0

