

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071718\
 Data File : VR025496.D
 Acq On : 17 Jul 2018 17:15
 Operator : SY/MD
 Sample : J4002-10
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AG6

Quant Time: Jul 18 01:05:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 18 01:02:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	747329	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	604696	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	222226	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	96763	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	2.64	69	78152	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	3.63	63	196828	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	6.60	46	264693	41.36	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.72%
24) Chloroform-d	7.21	84	423584	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
26) 1,2-Dichloroethane-d4	7.90	65	177113	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	7.86	84	908198	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	8.90	67	252746	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.20%
41) Toluene-d8	9.97	98	823743	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	10.24	79	67276	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	10.59	63	239082	47.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.12%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	110975	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	180378	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

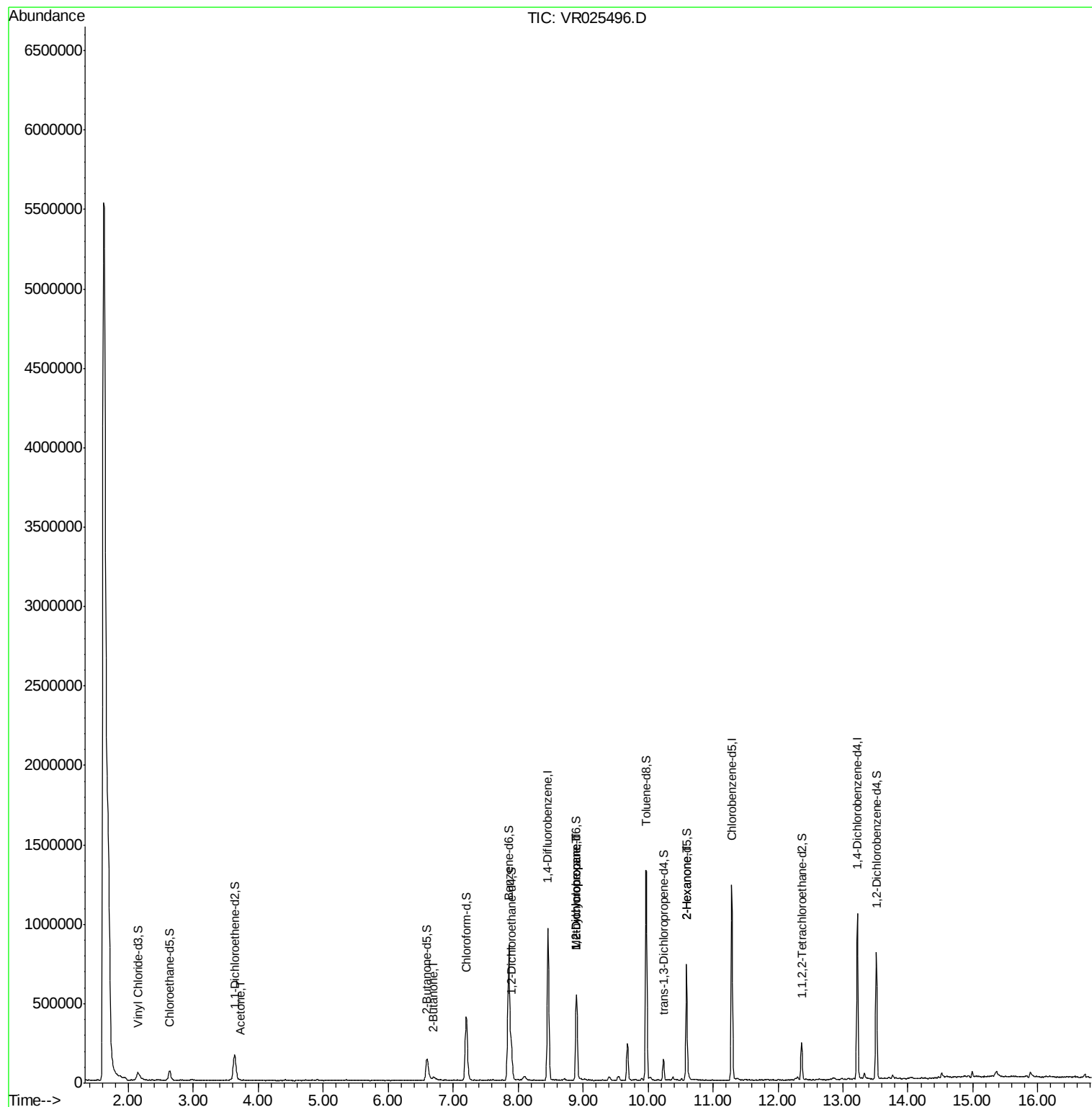
					Qvalue
13) Acetone	3.72	43	1615	0.560 ug/L	92
21) 2-Butanone	6.70	43	1741	0.259 ug/L	80
35) Methylcyclohexane	8.90	83	59684	0.841 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	27904	0.576 ug/L #	93
48) 2-Hexanone	10.59	43	30141	3.121 ug/L #	70

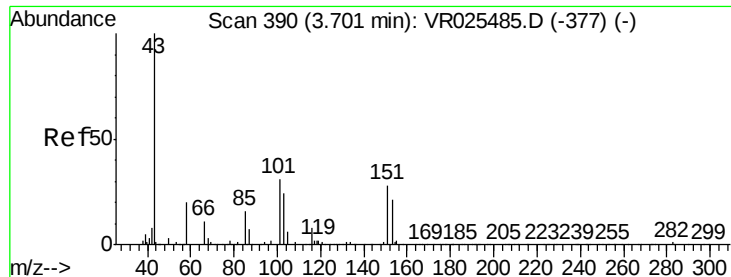
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.560 ug/L

RT: 3.72 min Scan# 393

Delta R.T. 0.02 min

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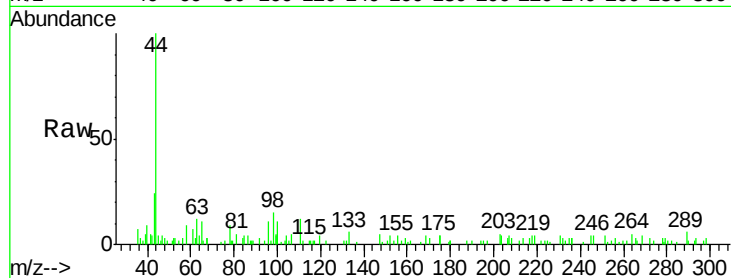
C0AG6

Tgt Ion: 43 Resp: 1615

Ion Ratio Lower Upper

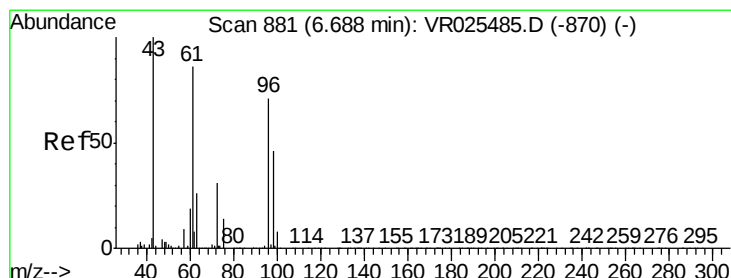
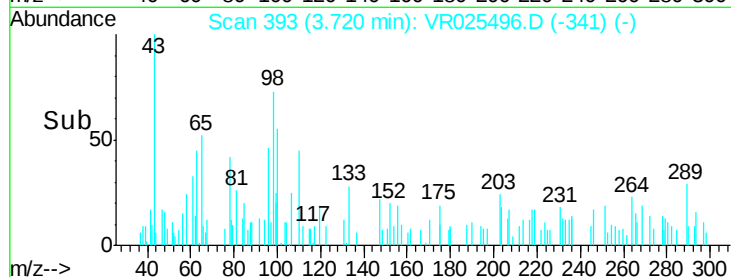
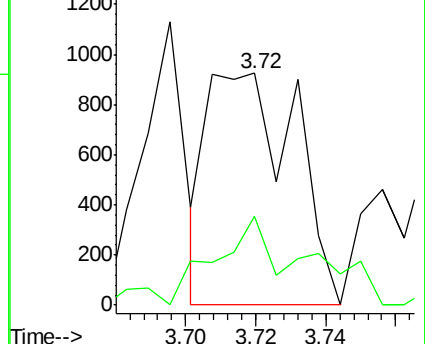
43 100

58 17.3 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#21

2-Butanone

Concen: 0.259 ug/L

RT: 6.70 min Scan# 883

Delta R.T. 0.01 min

Lab File: VR025496.D

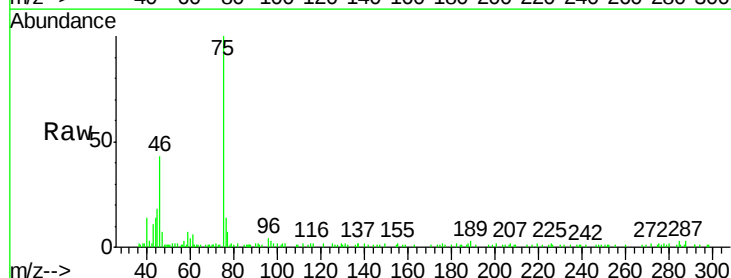
Acq: 17 Jul 2018 17:15

Tgt Ion: 43 Resp: 1741

Ion Ratio Lower Upper

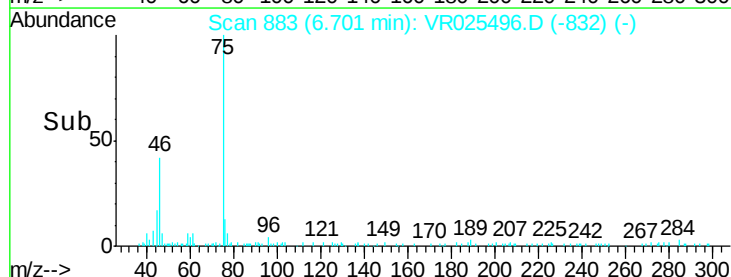
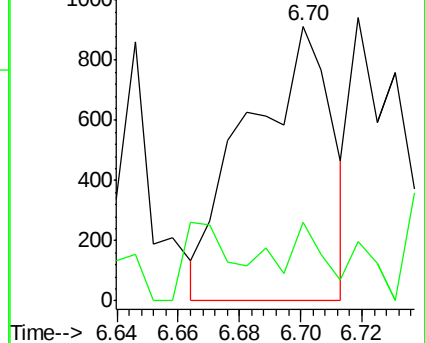
43 100

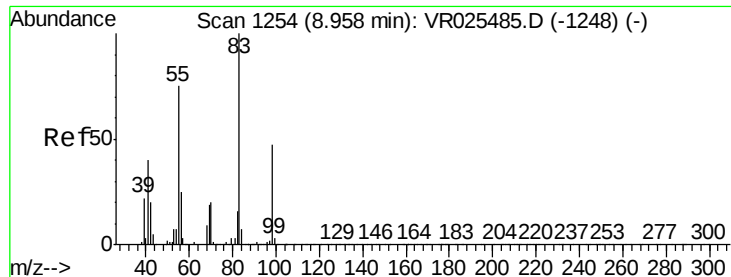
72 15.9 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0





#35

Methylcyclohexane

Concen: 0.841 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

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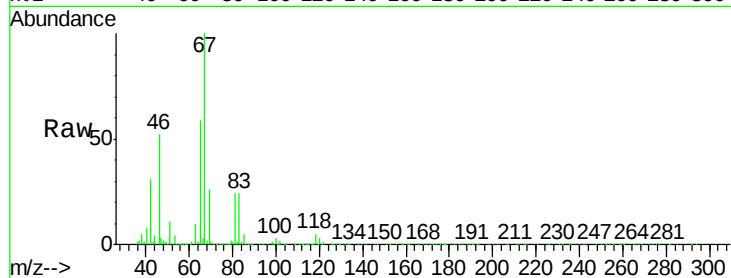
Tgt Ion: 83 Resp: 59684

Ion Ratio Lower Upper

83 100

55 1.6 66.1 99.1#

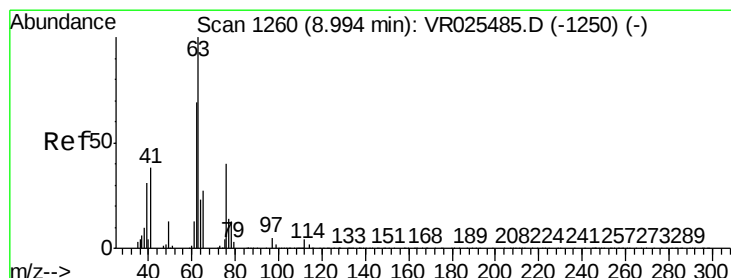
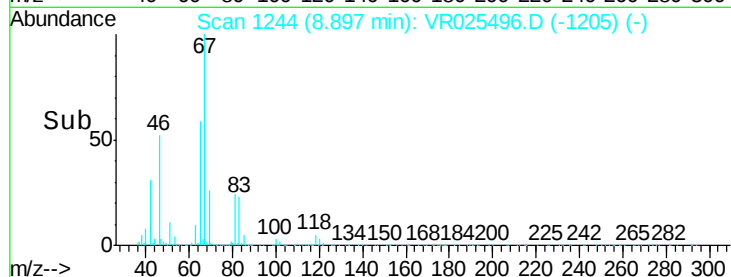
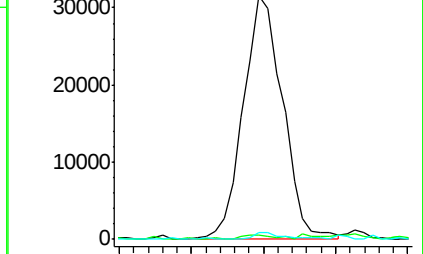
98 2.2 36.2 54.4#



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



#37

1,2-Dichloropropane

Concen: 0.576 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.10 min

Lab File: VR025496.D

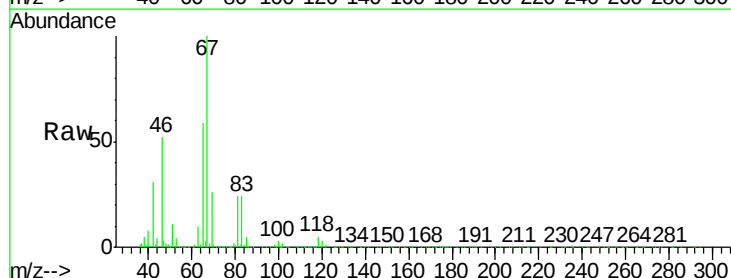
Acq: 17 Jul 2018 17:15

Tgt Ion: 63 Resp: 27904

Ion Ratio Lower Upper

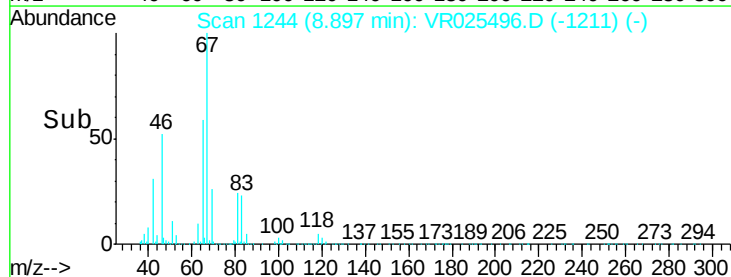
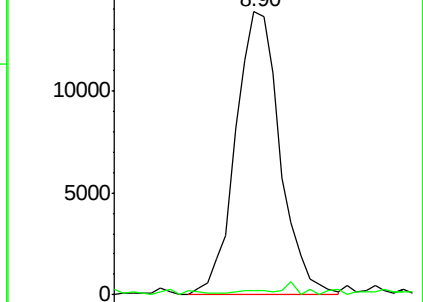
63 100

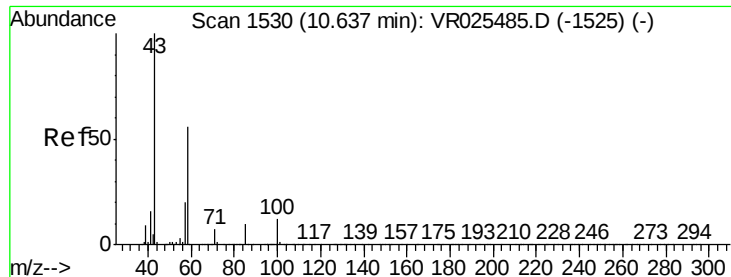
112 1.3 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V





#48

2-Hexanone

Concen: 3.121 ug/L

RT: 10.59 min Scan# 1523

Delta R.T. -0.04 min

Lab File: VR025496.D

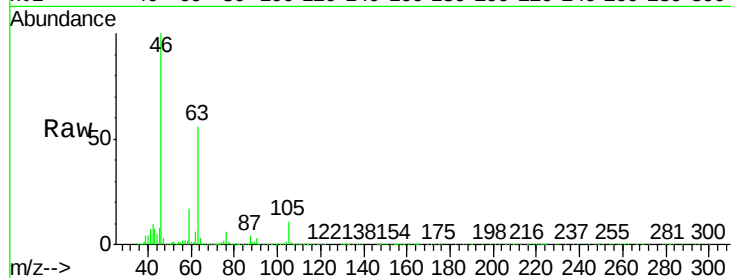
Acq: 17 Jul 2018 17:15

Instrument :

MSVOA_R

ClientSampleId :

C0AG6



Tgt Ion: 43 Resp: 30141

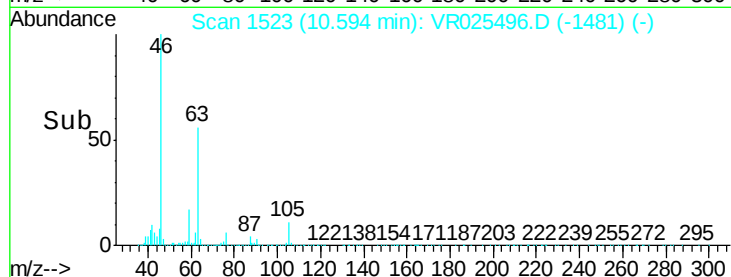
Ion Ratio Lower Upper

43 100

58 28.4 43.1 64.7#

57 29.4 15.3 22.9#

100 4.5 7.9 11.9#



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

