

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061618\
 Data File : VR025326.D
 Acq On : 16 Jun 2018 16:25
 Operator : SY/MD
 Sample : J3549-22
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWD4

Quant Time: Jun 18 02:41:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 18 02:40:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	608178	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	494810	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	152252	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	98577	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	2.64	69	75870	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	3.63	63	186941	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	6.59	46	251283	45.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.50%
24) Chloroform-d	7.20	84	355698	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	7.89	65	141329	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	7.86	84	775154	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	8.90	67	231583	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	9.97	98	674243	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	10.24	79	41542	3.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.60%
46) 2-Hexanone-d5	10.59	63	221563	50.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.64%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	95045	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	145072	5.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.40%

Target Compounds

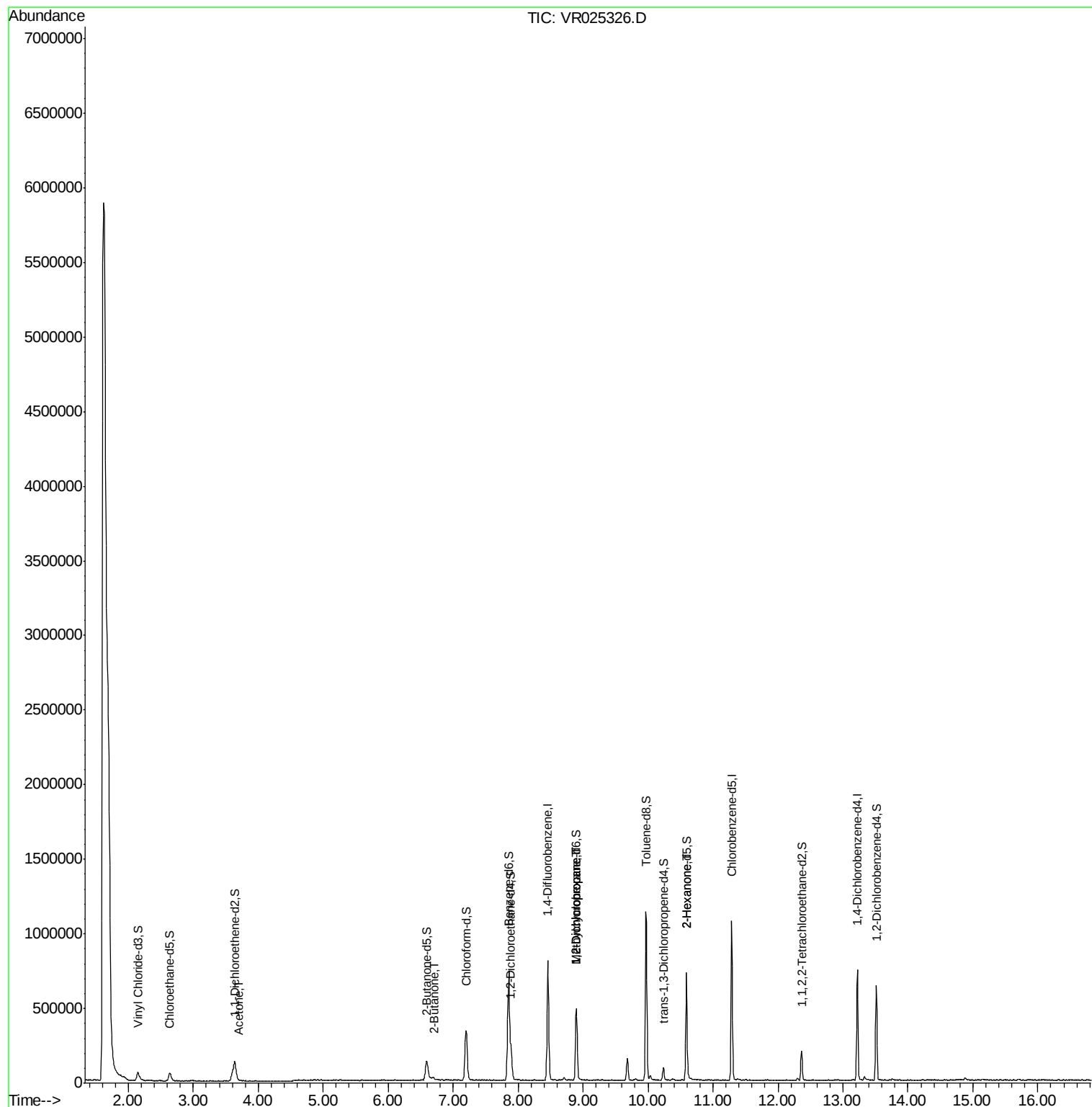
					Qvalue
13) Acetone	3.70	43	2125	0.847 ug/L	93
21) 2-Butanone	6.69	43	1911	0.322 ug/L	94
35) Methylcyclohexane	8.90	83	50527	0.681 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	23286	0.539 ug/L #	93
48) 2-Hexanone	10.59	43	26456	2.970 ug/L #	74

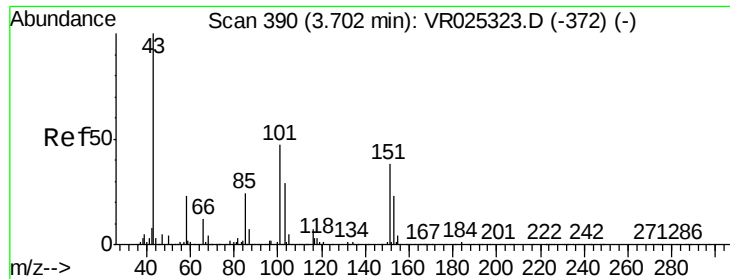
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.847 ug/L

RT: 3.70 min Scan# 390

Delta R.T. 0.00 min

Lab File: VR025326.D

Acq: 16 Jun 2018 16:25

Instrument :

MSVOA_R

ClientSampled :

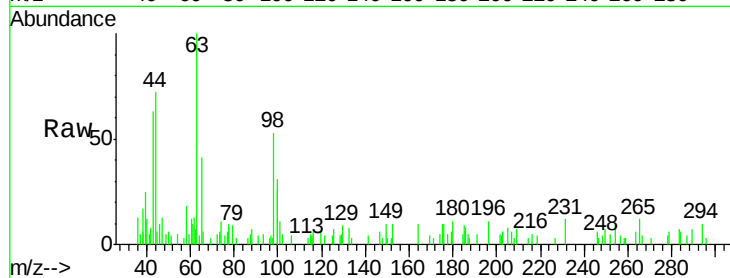
ESWD4

Tgt Ion: 43 Resp: 2125

Ion Ratio Lower Upper

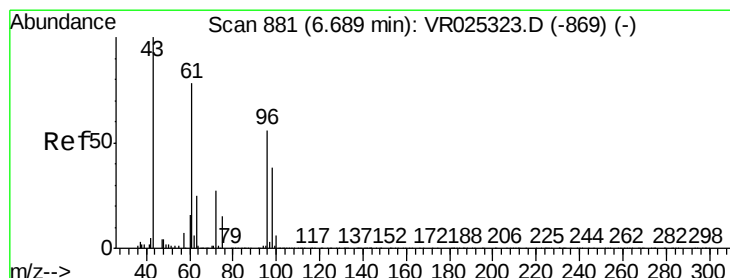
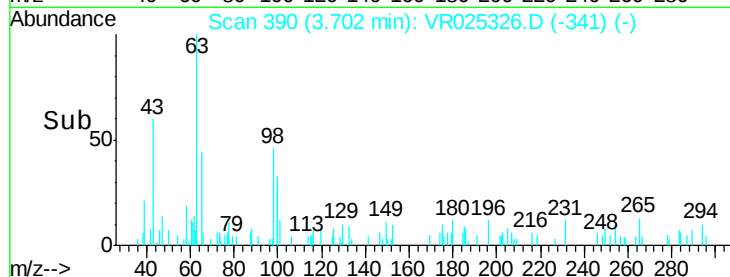
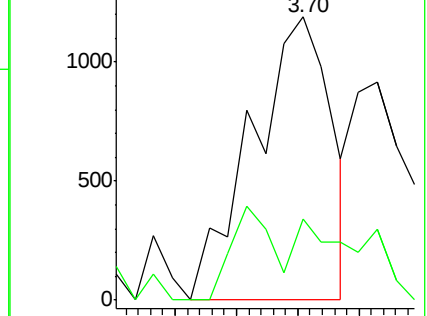
43 100

58 24.2 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: 0.322 ug/L

RT: 6.69 min Scan# 882

Delta R.T. 0.01 min

Lab File: VR025326.D

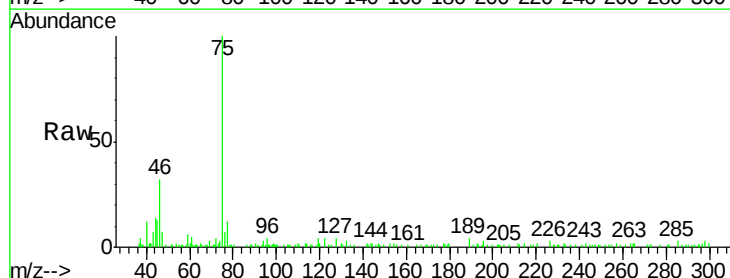
Acq: 16 Jun 2018 16:25

Tgt Ion: 43 Resp: 1911

Ion Ratio Lower Upper

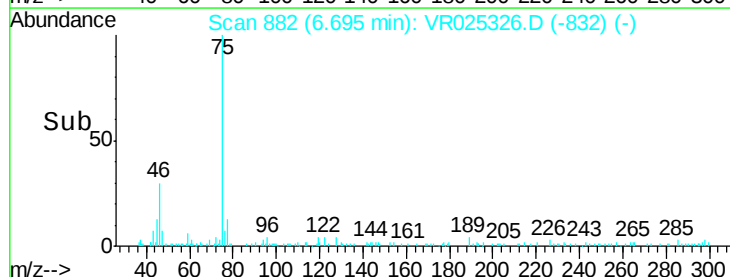
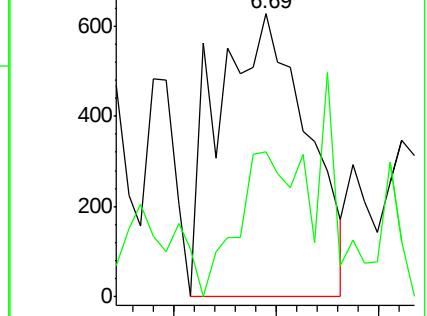
43 100

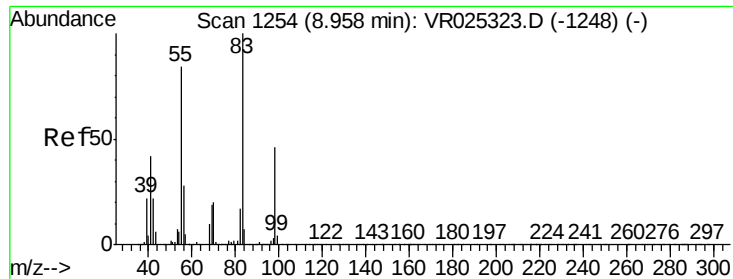
72 28.9 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0

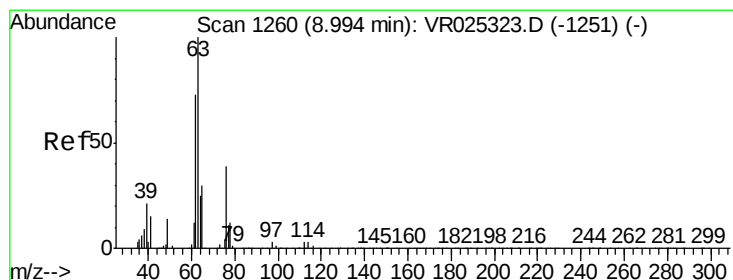
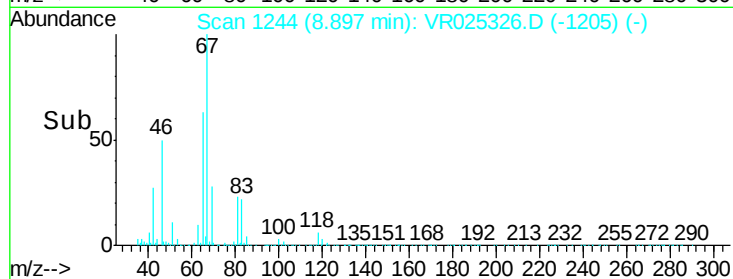
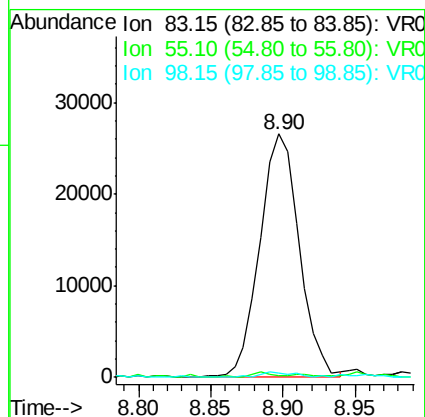
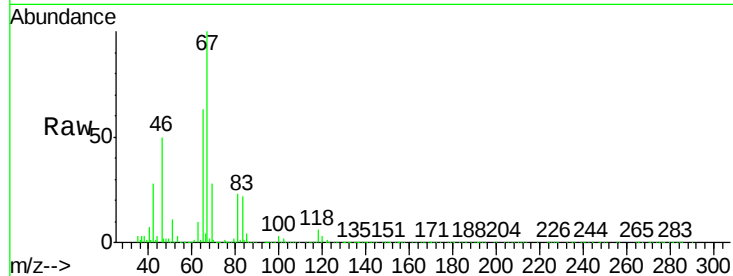




#35
Methylcyclohexane
Concen: 0.681 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.06 min
Lab File: VR025326.D
Acq: 16 Jun 2018 16:25

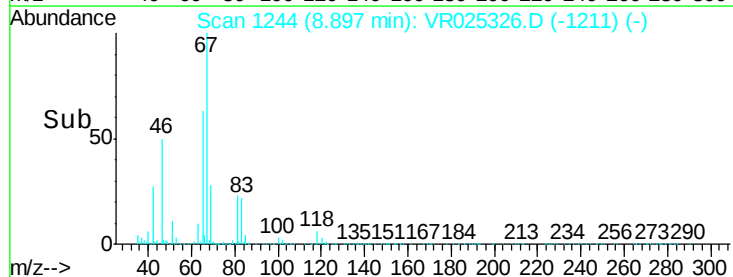
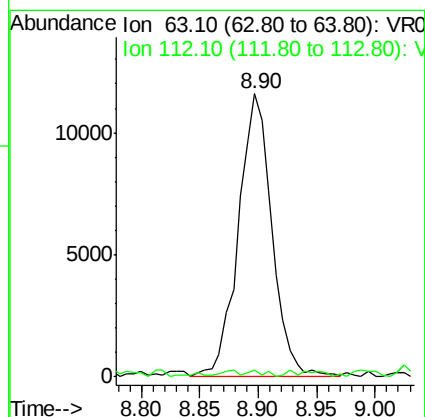
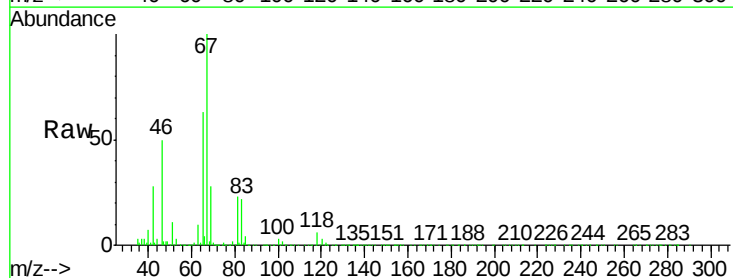
Instrument :
MSVOA_R
ClientSampleId :
ESWD4

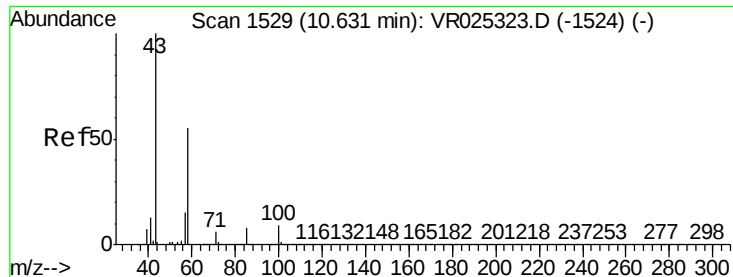
Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.0	66.1	99.1#
98	1.9	36.2	54.4#



#37
1,2-Dichloropropane
Concen: 0.539 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.10 min
Lab File: VR025326.D
Acq: 16 Jun 2018 16:25

Tgt Ion	Ratio	Lower	Upper
63	100		
112	1.2	2.9	4.3#





#48

2-Hexanone

Concen: 2.970 ug/L

RT: 10.59 min Scan# 1523

Delta R.T. -0.04 min

Lab File: VR025326.D

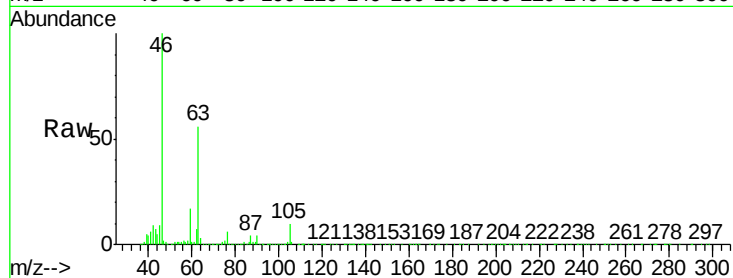
Acq: 16 Jun 2018 16:25

Instrument :

MSVOA_R

ClientSampleId :

ESWD4



Tgt Ion: 43 Resp: 26456

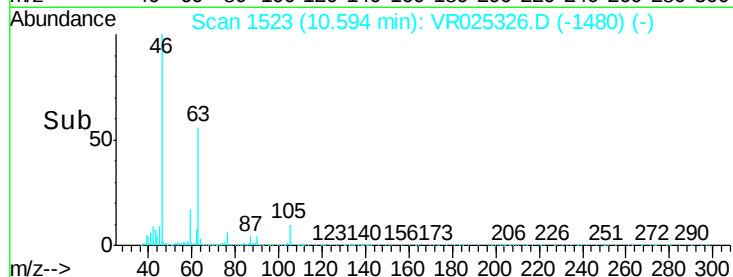
Ion Ratio Lower Upper

43 100

58 34.3 43.1 64.7#

57 30.2 15.3 22.9#

100 2.1 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

