

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061618\
 Data File : VR025335.D
 Acq On : 16 Jun 2018 21:21
 Operator : SY/MD
 Sample : J3550-05
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWF7

Quant Time: Jun 18 02:42:29 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	498881	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	414385	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	123713	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	46705	2.75	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.00%
7) Chloroethane-d5	2.63	69	38232	3.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	61.20%#
11) 1,1-Dichloroethene-d2	3.63	63	80726	1.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	37.00%#
20) 2-Butanone-d5	6.59	46	116248	25.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	51.04%
24) Chloroform-d	7.20	84	159430	2.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	50.20%#
26) 1,2-Dichloroethane-d4	7.89	65	67436	2.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	55.60%#
32) Benzene-d6	7.86	84	322307	2.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	45.80%#
36) 1,2-Dichloropropane-d6	8.90	67	103129	2.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	51.60%#
41) Toluene-d8	9.97	98	250768	2.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	40.40%#
43) trans-1,3-Dichloropropene-	10.24	79	14247	1.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	26.80%#
46) 2-Hexanone-d5	10.59	63	92733	25.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	50.30%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	43238	2.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	55.60%#
64) 1,2-Dichlorobenzene-d4	13.51	152	58935	2.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	56.20%#

Target Compounds

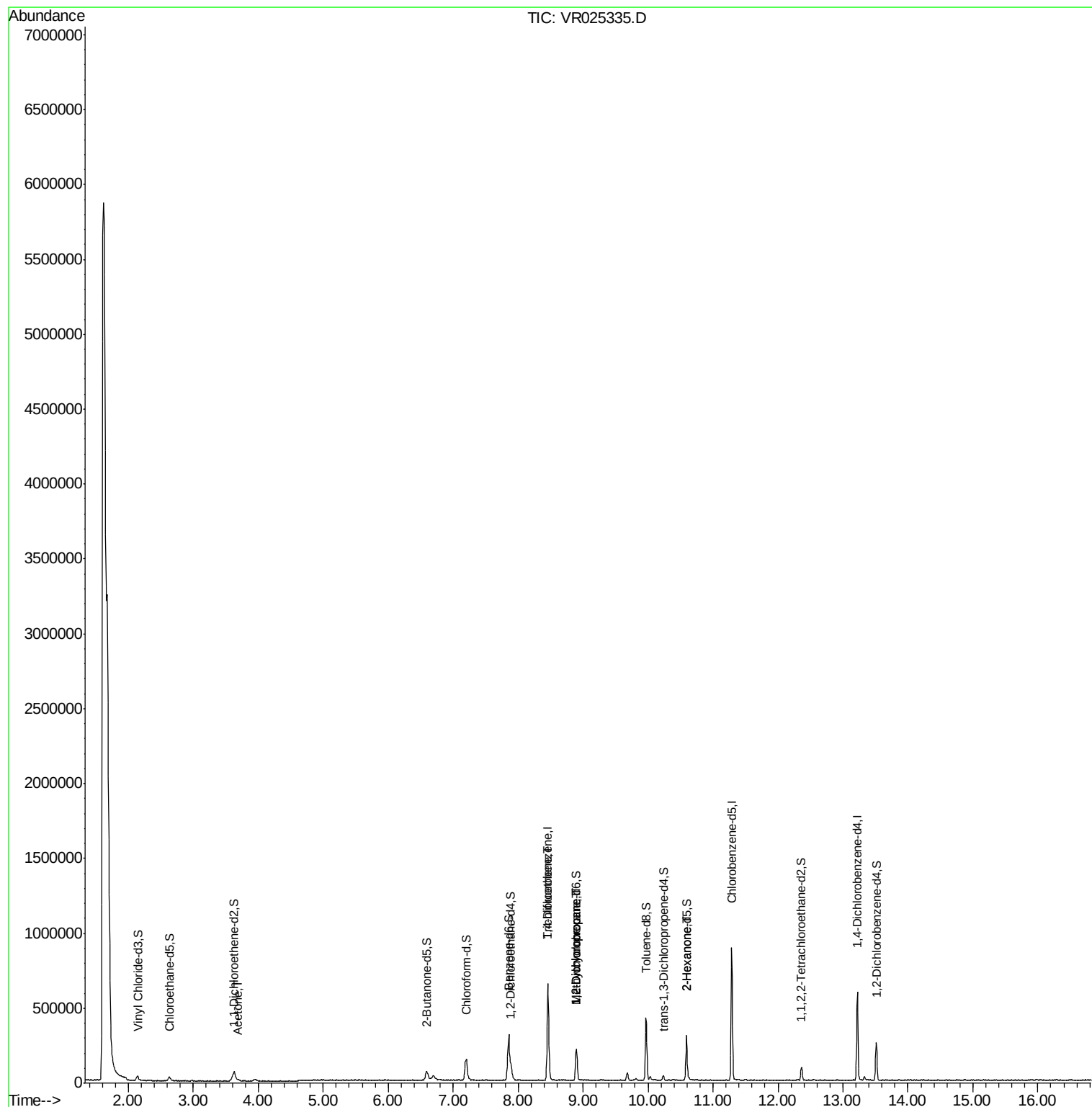
					Qvalue
13) Acetone	3.70	43	15641	7.604 ug/L	93
34) Trichloroethene	8.46	95	15279	0.388 ug/L #	11
35) Methylcyclohexane	8.90	83	20499	0.330 ug/L #	20
37) 1,2-Dichloropropane	8.90	63	10228	0.283 ug/L #	86
48) 2-Hexanone	10.59	43	12115	1.624 ug/L #	68

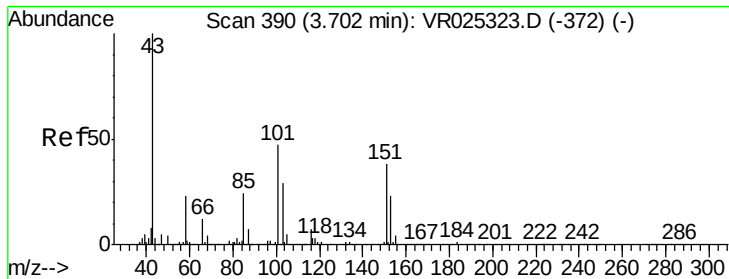
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.604 ug/L

RT: 3.70 min Scan# 389

Delta R.T. -0.01 min

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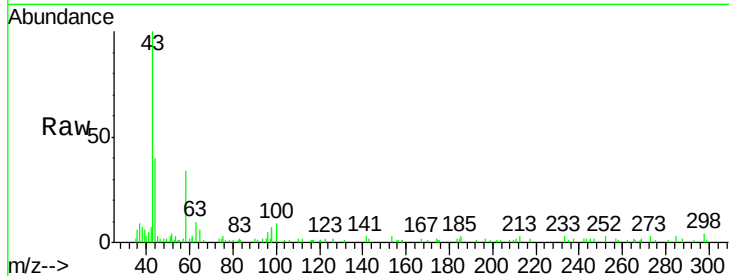
ESWF7

Tgt Ion: 43 Resp: 15641

Ion Ratio Lower Upper

43 100

58 24.3 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

3.70

6000

5000

4000

3000

2000

1000

0

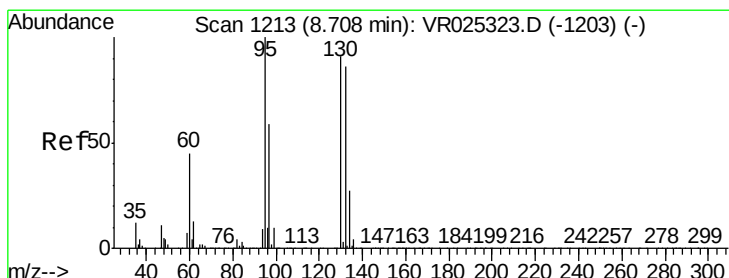
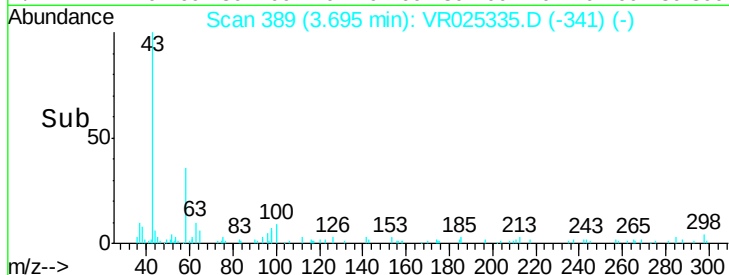
Time-->

3.60

3.65

3.70

3.75



#34

Trichloroethene

Concen: 0.388 ug/L

RT: 8.46 min Scan# 1172

Delta R.T. -0.25 min

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Tgt Ion: 95 Resp: 15279

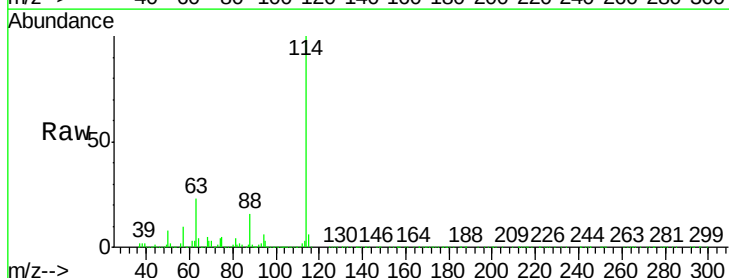
Ion Ratio Lower Upper

95 100

97 2.3 45.6 84.6#

132 1.0 60.9 113.1#

130 1.7 62.0 115.2#



Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

12000

10000

8000

6000

4000

2000

0

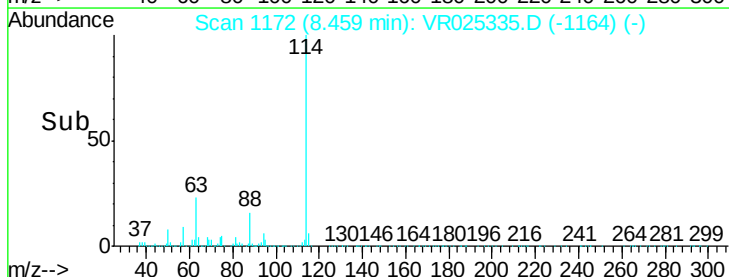
Time-->

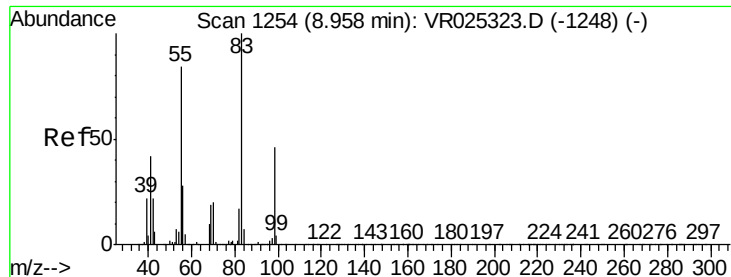
8.40

8.45

8.50

8.55





#35

Methylcyclohexane

Concen: 0.330 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

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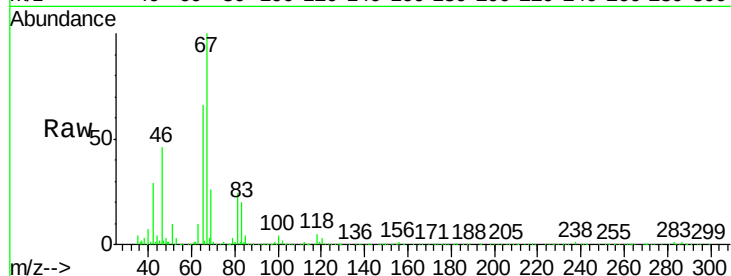
Tgt Ion: 83 Resp: 20499

Ion Ratio Lower Upper

83 100

55 1.8 66.1 99.1#

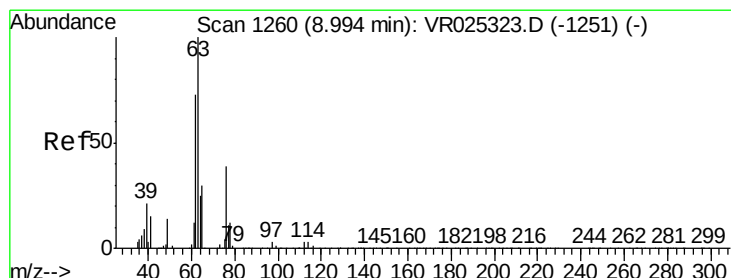
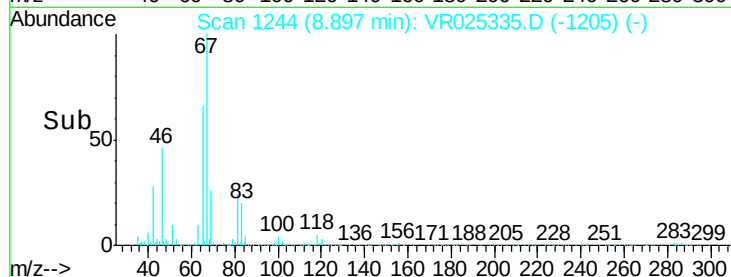
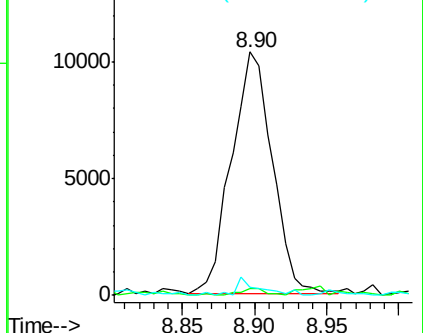
98 4.0 36.2 54.4#



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: 0.283 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.10 min

Lab File: VR025335.D

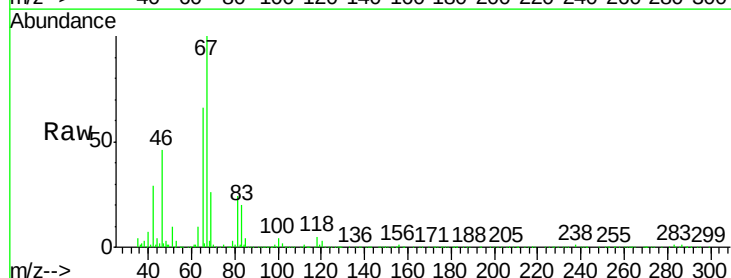
Acq: 16 Jun 2018 21:21

Tgt Ion: 63 Resp: 10228

Ion Ratio Lower Upper

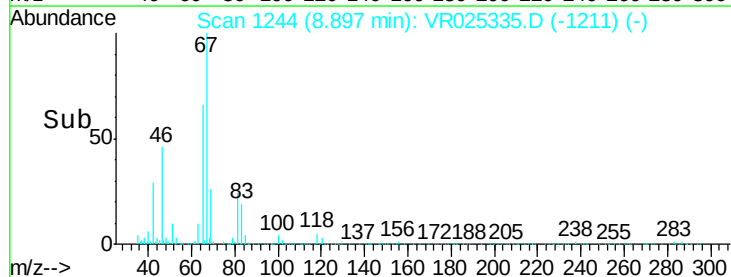
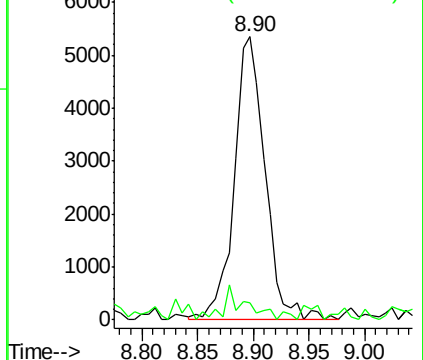
63 100

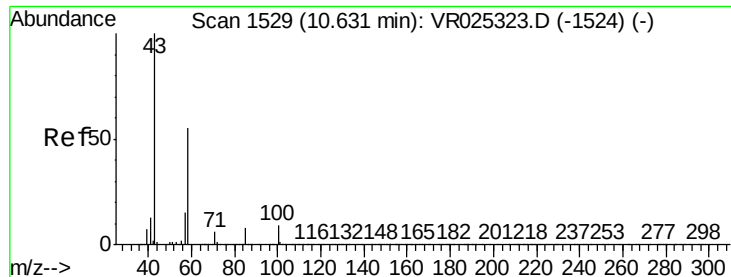
112 8.1 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V





#48

2-Hexanone

Concen: 1.624 ug/L

RT: 10.59 min Scan# 1523

Delta R.T. -0.04 min

Lab File: VR025335.D

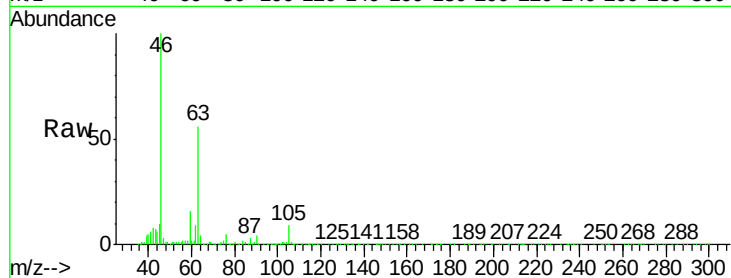
Acq: 16 Jun 2018 21:21

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Tgt Ion: 43 Resp: 12115

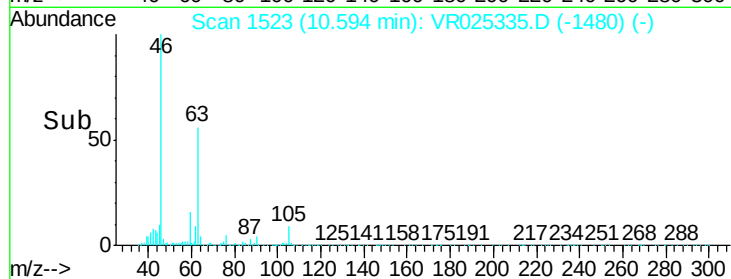
Ion Ratio Lower Upper

43 100

58 31.8 43.1 64.7#

57 40.8 15.3 22.9#

100 8.1 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

