

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061518\
 Data File : VR025317.D
 Acq On : 16 Jun 2018 00:57
 Operator : SY/MD
 Sample : J3549-14
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWE9

Quant Time: Jun 16 05:05:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 15 16:03:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	589234	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	479531	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	159582	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	100174	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	2.63	69	77931	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	3.63	63	188191	3.65	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	6.59	46	257595	47.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.76%
24) Chloroform-d	7.20	84	337903	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	7.90	65	137713	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	7.86	84	757864	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	8.90	67	221276	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	9.97	98	658188	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	10.24	79	44049	3.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.60%
46) 2-Hexanone-d5	10.59	63	214902	50.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.74%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	90870	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	141411	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

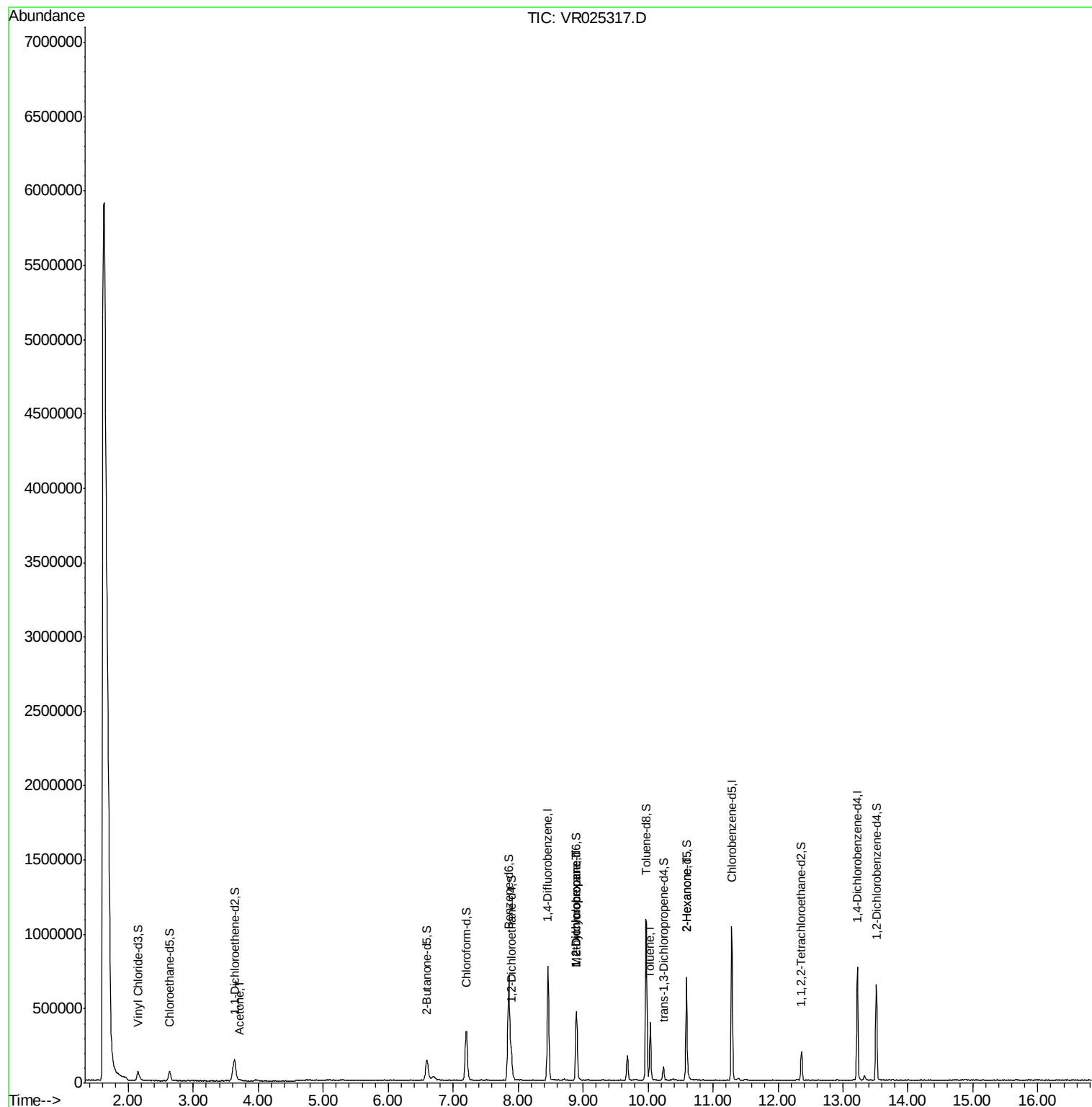
					Qvalue
13) Acetone	3.71	43	12101	4.981 ug/L	79
35) Methylcyclohexane	8.90	83	48164	0.670 ug/L #	17
37) 1,2-Dichloropropane	8.90	63	22324	0.533 ug/L #	95
42) Toluene	10.03	91	251540	1.247 ug/L	99
48) 2-Hexanone	10.59	43	27532	3.189 ug/L #	70

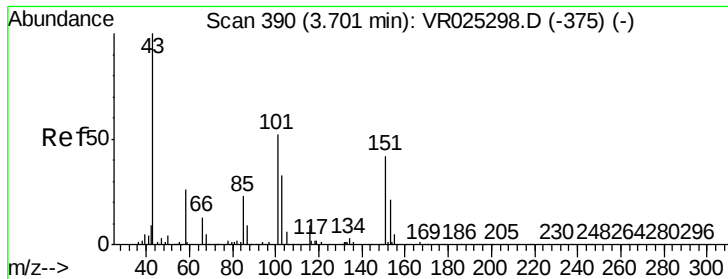
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.981 ug/L

RT: 3.71 min Scan# 392

Delta R.T. 0.01 min

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Acq: 16 Jun 2018 00:57

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MSVOA_R

ClientSampleId :

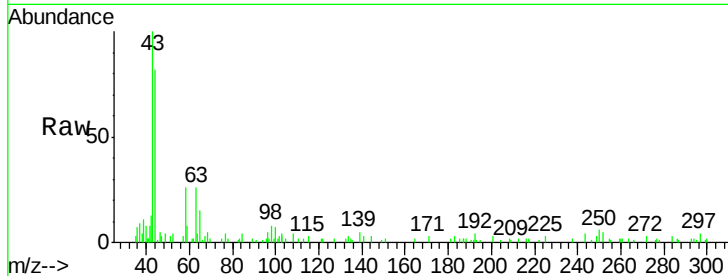
ESWE9

Tgt Ion: 43 Resp: 12101

Ion Ratio Lower Upper

43 100

58 30.5 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

3.71

4000

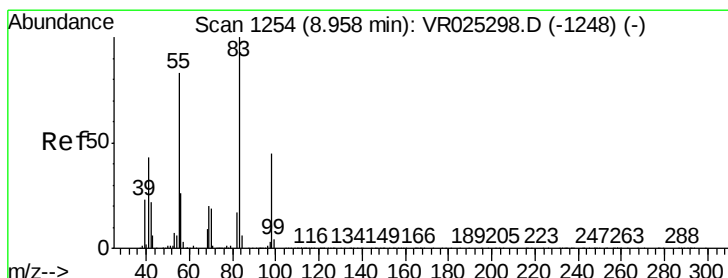
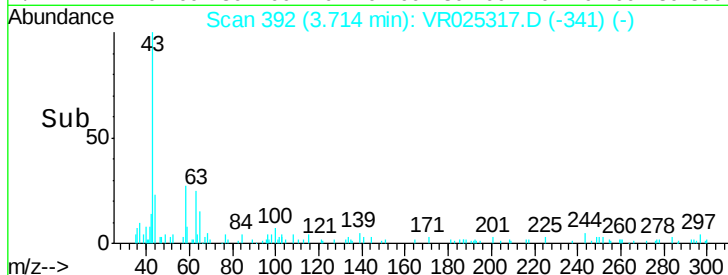
3000

2000

1000

0

Time-->



#35

Methylcyclohexane

Concen: 0.670 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025317.D

Acq: 16 Jun 2018 00:57

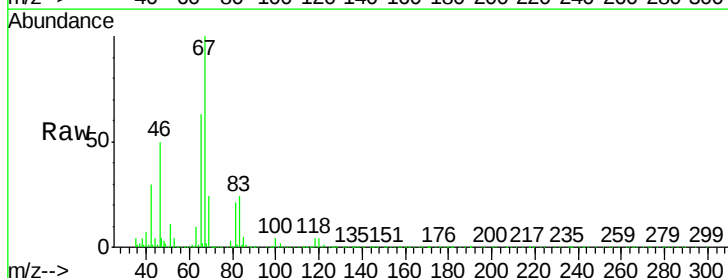
Tgt Ion: 83 Resp: 48164

Ion Ratio Lower Upper

83 100

55 0.5 66.1 99.1#

98 0.5 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

8.90

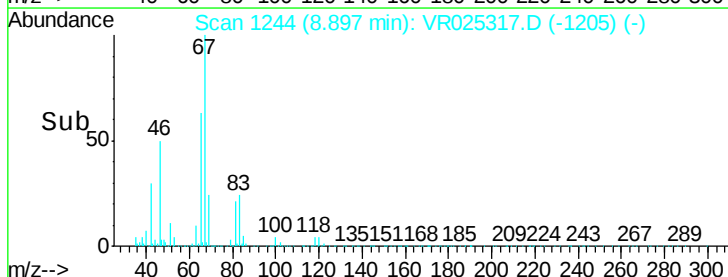
30000

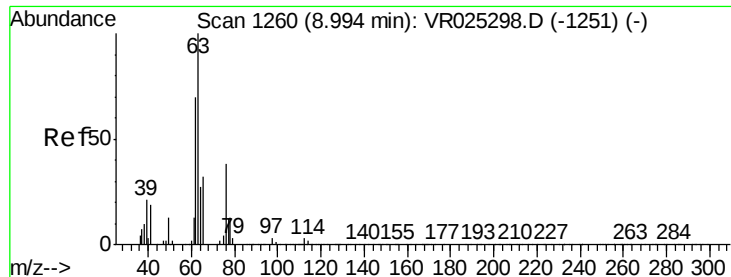
20000

10000

0

Time-->





#37

1,2-Dichloropropane

Concen: 0.533 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.10 min

Lab File: VR025317.D

Acq: 16 Jun 2018 00:57

Instrument :

MSVOA_R

ClientSampleId :

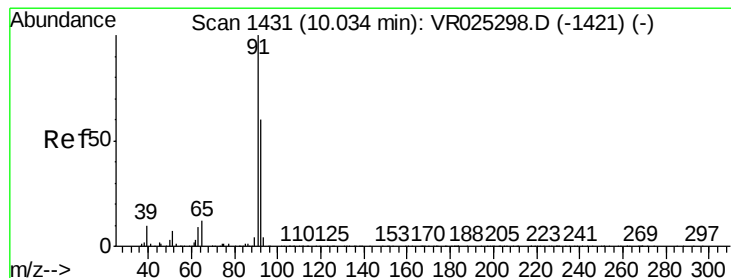
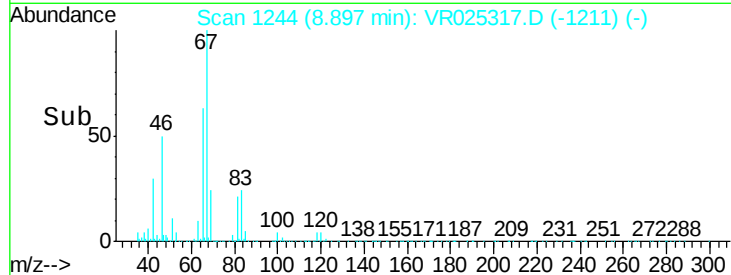
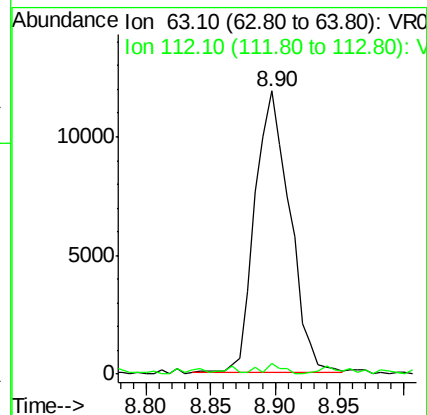
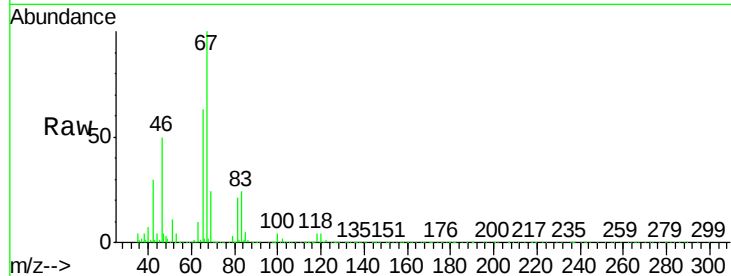
ESWE9

Tgt Ion: 63 Resp: 22324

Ion Ratio Lower Upper

63 100

112 2.1 2.9 4.3#



#42

Toluene

Concen: 1.247 ug/L

RT: 10.03 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VR025317.D

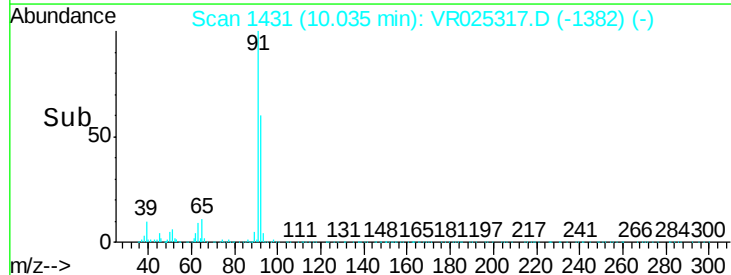
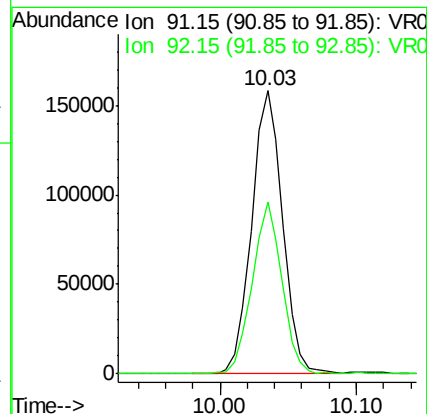
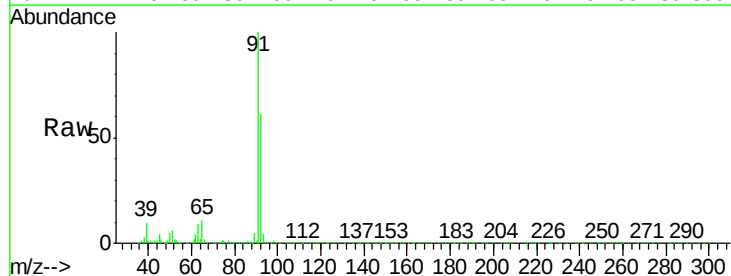
Acq: 16 Jun 2018 00:57

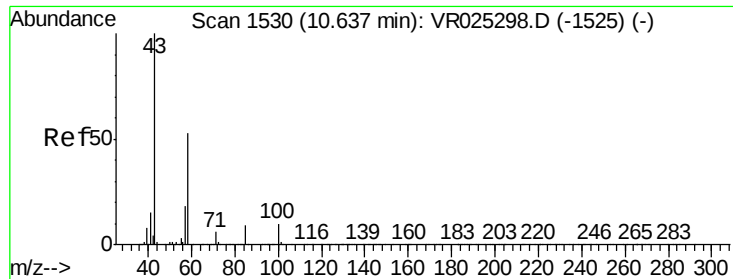
Tgt Ion: 91 Resp: 251540

Ion Ratio Lower Upper

91 100

92 60.6 41.9 77.7





#48

2-Hexanone

Concen: 3.189 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.05 min

Lab File: VR025317.D

Acq: 16 Jun 2018 00:57

Instrument :

MSVOA_R

ClientSampleId :

ESWE9

Tgt Ion: 43 Resp: 27532

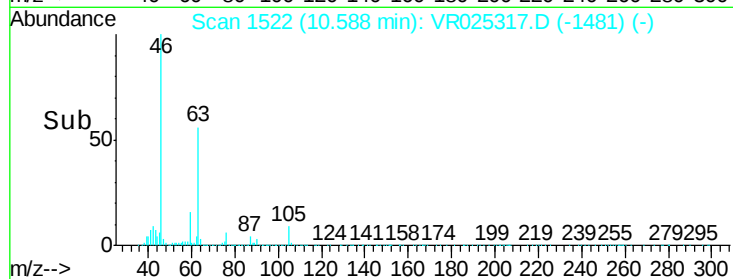
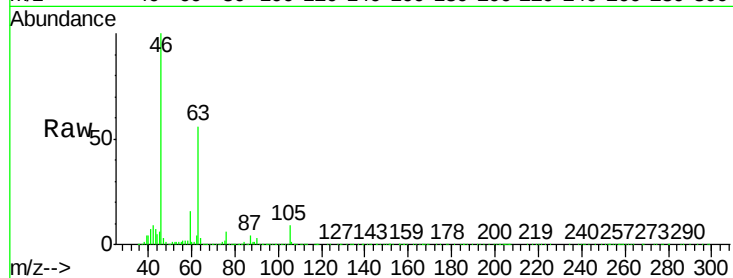
Ion Ratio Lower Upper

43 100

58 29.1 43.1 64.7#

57 30.5 15.3 22.9#

100 4.6 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

