

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101018\
 Data File : VU027540.D
 Acq On : 09 Oct 2018 22:42
 Operator : MD/SY
 Sample : J5365-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CY-1

Quant Time: Oct 10 07:24:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

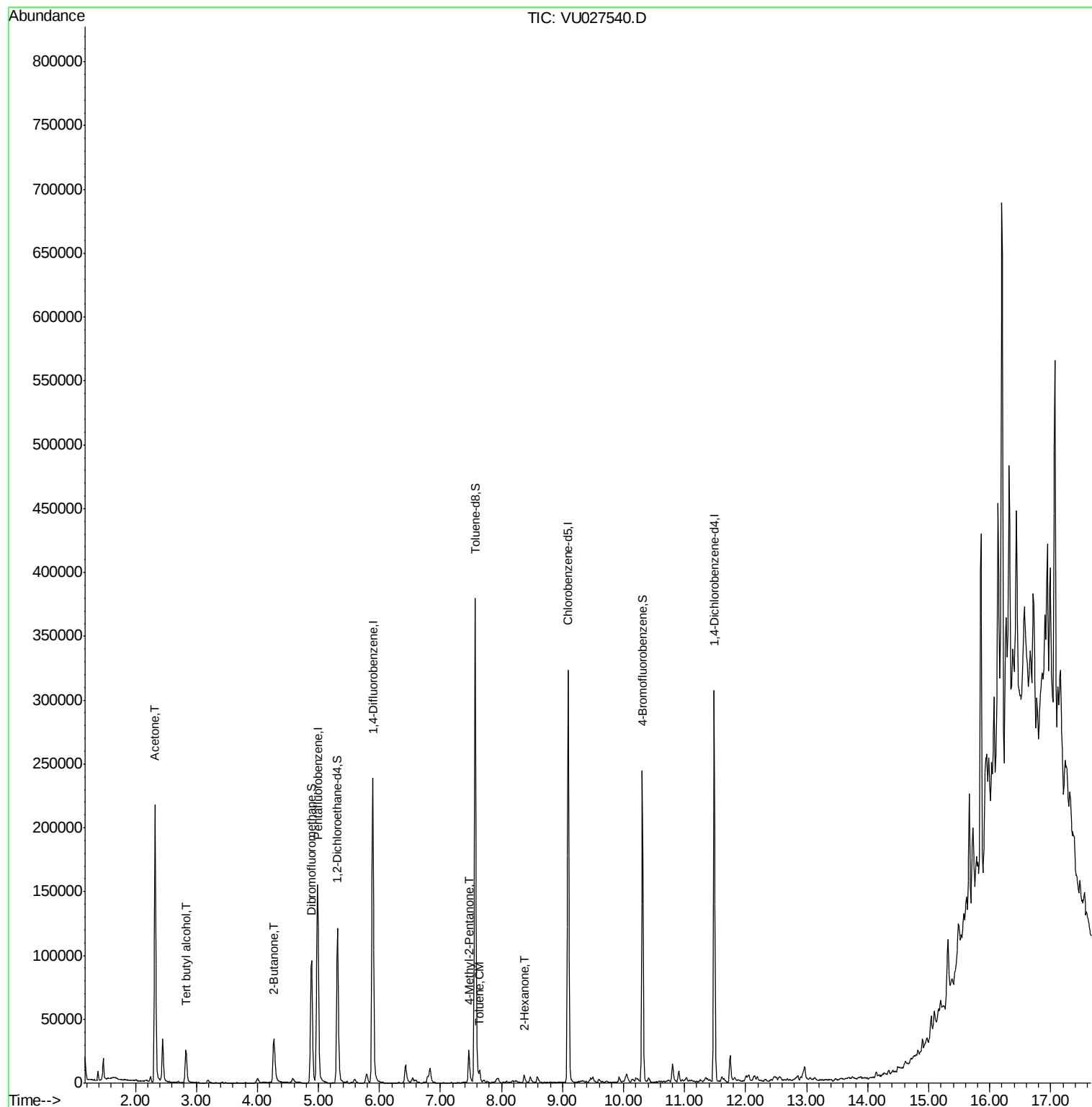
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	116010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	193394	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	167048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	71945	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	96649	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
35) Dibromofluoromethane	4.89	113	66887	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
50) Toluene-d8	7.57	98	247611	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	10.31	95	79574	43.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.32%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.83	59	27918	68.437	ug/l	100
16) Acetone	2.32	43	230764	201.646	ug/l	100
25) 2-Butanone	4.27	43	60207	38.580	ug/l	98
51) 4-Methyl-2-Pentanone	7.47	43	21173	7.731	ug/l	94
52) Toluene	7.64	92	3569	0.986	ug/l	91
59) 2-Hexanone	8.37	43	4931	2.321	ug/l	88

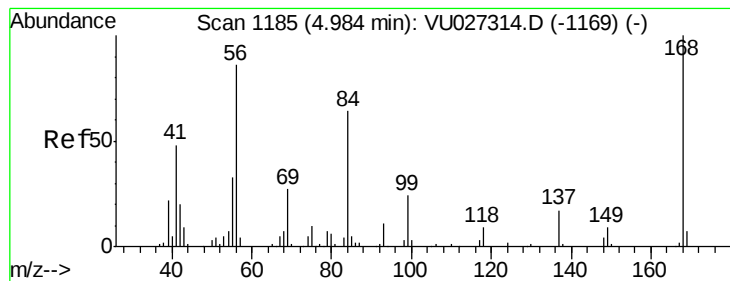
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 10 07:24:15 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027540.D

Acq: 09 Oct 2018 22:42

Instrument :

MSVOA_U

ClientSampleId :

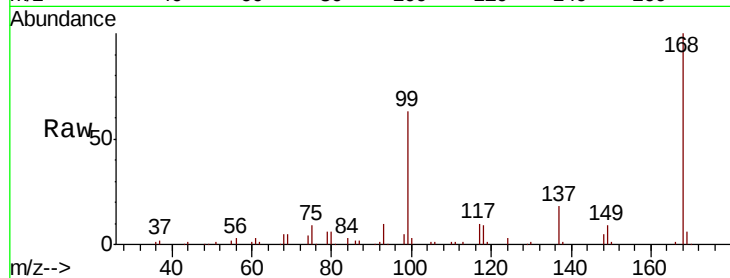
CY-1

Tot Ion:168 Resp: 116010

Ion Ratio Lower Upper

168 100

99 63.2 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.99

50000

40000

30000

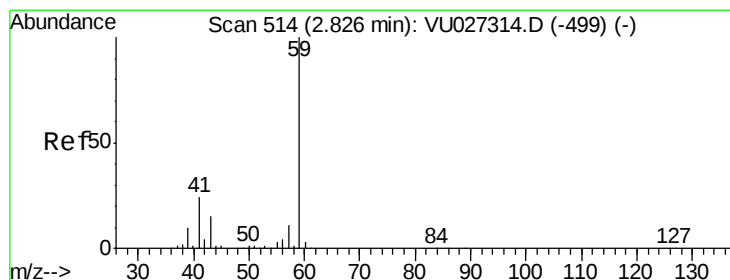
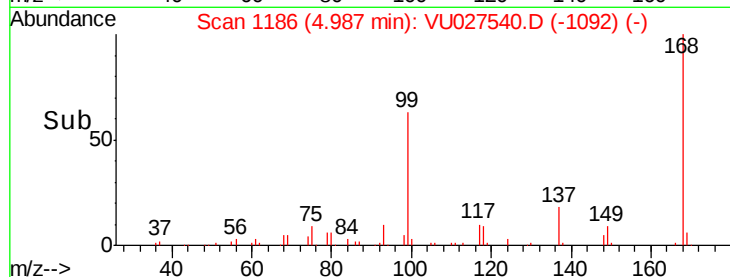
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#11

Tert butyl alcohol

Concen: 68.437 ug/l

RT: 2.83 min Scan# 515

Delta R.T. 0.00 min

Lab File: VU027540.D

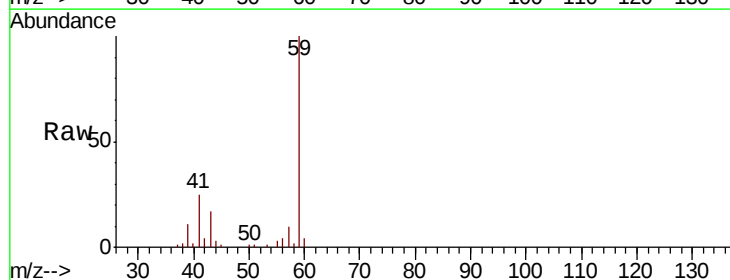
Acq: 09 Oct 2018 22:42

Tgt Ion: 59 Resp: 27918

Ion Ratio Lower Upper

59 100

57 10.4 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VU027314.D (-499) (-)

Ion 57.00 (56.70 to 57.70): VU027314.D (-499) (-)

2.83

15000

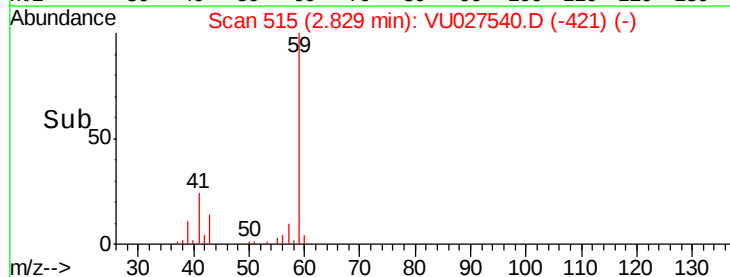
10000

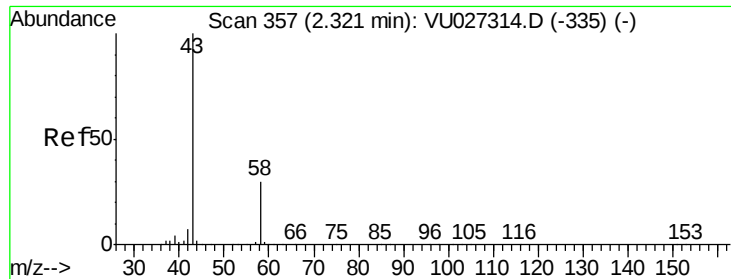
5000

0

2.75 2.80 2.85 2.90

Time-->





#16

Acetone

Concen: 201.646 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027540.D

Acq: 09 Oct 2018 22:42

Instrument :

MSVOA_U

ClientSampleId :

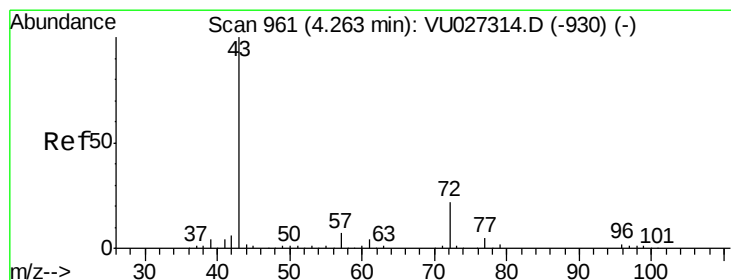
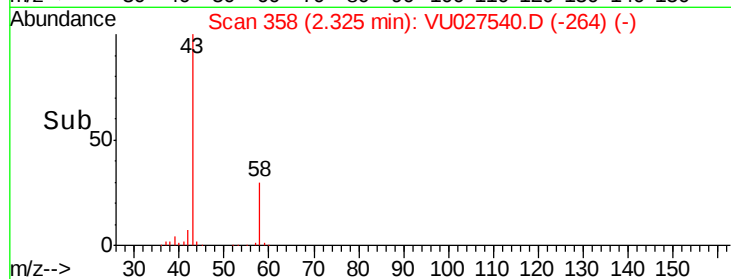
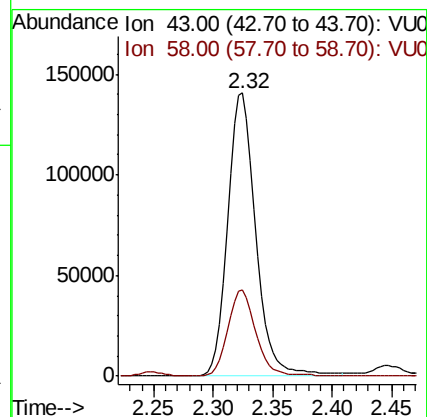
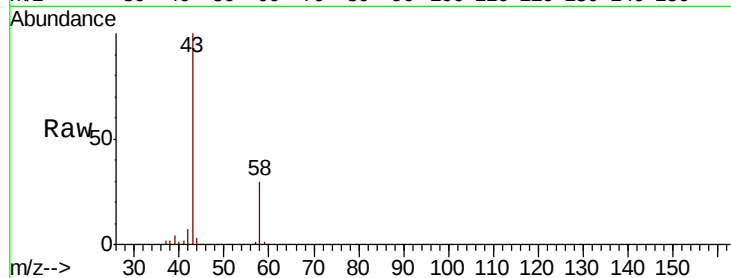
CY-1

Tot Ion: 43 Resp: 230764

Ion Ratio Lower Upper

43 100

58 30.4 24.2 36.4



#25

2-Butanone

Concen: 38.580 ug/l

RT: 4.27 min Scan# 963

Delta R.T. 0.01 min

Lab File: VU027540.D

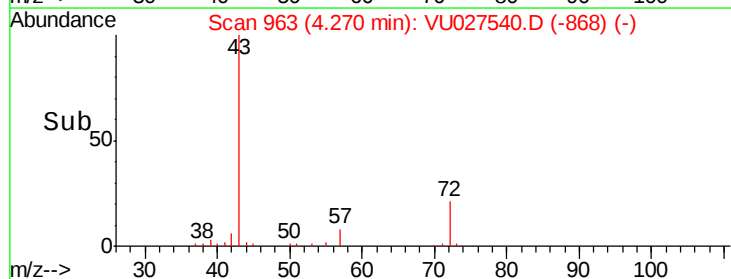
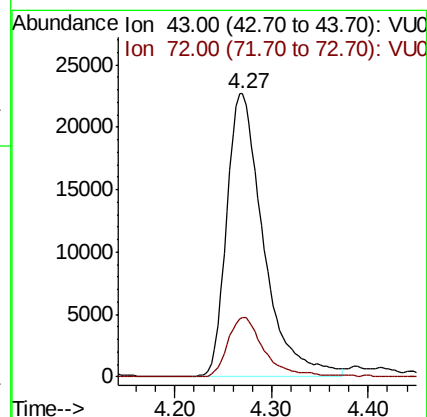
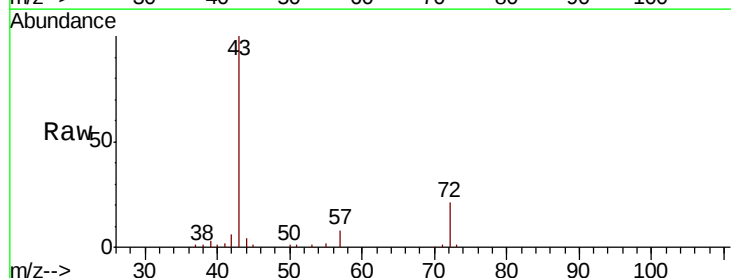
Acq: 09 Oct 2018 22:42

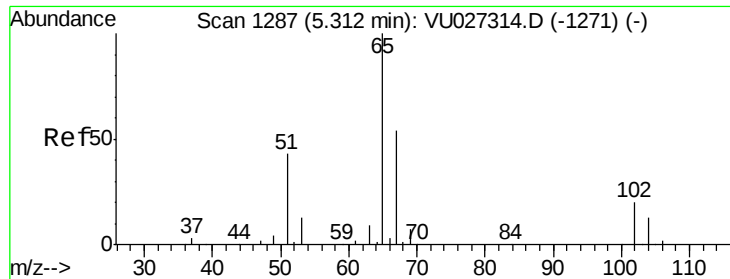
Tgt Ion: 43 Resp: 60207

Ion Ratio Lower Upper

43 100

72 21.1 17.8 26.6





#33

1,2-Dichloroethane-d4

Concen: 49.892 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027540.D

Acq: 09 Oct 2018 22:42

Instrument :

MSVOA_U

ClientSampleId :

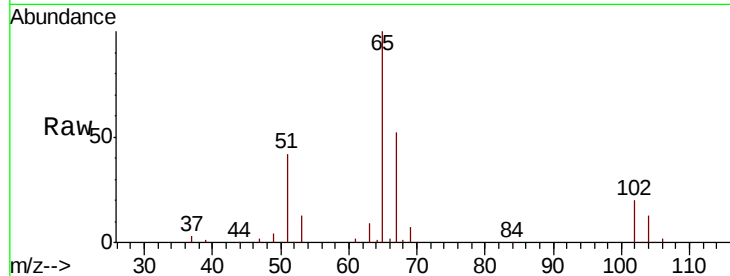
CY-1

Tot Ion: 65 Resp: 96649

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.8

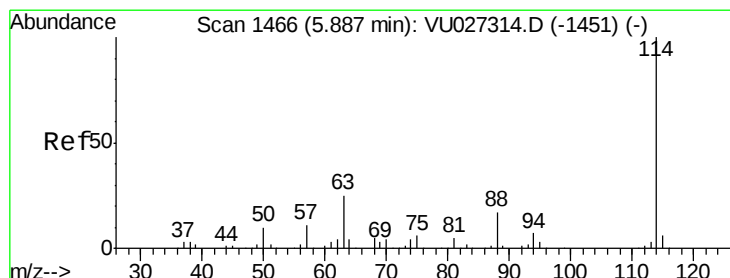
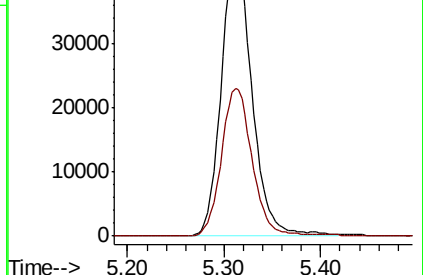
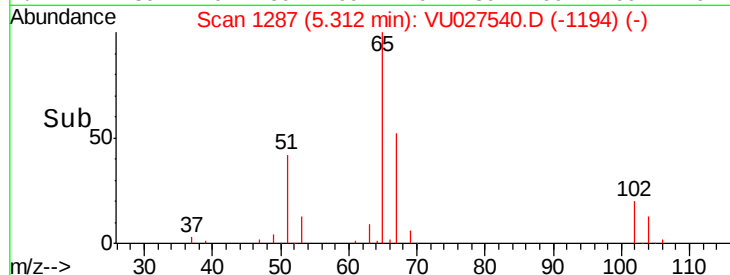


Abundance Ion 64.90 (64.60 to 65.60): VU027540.D (-1194) (-)

Ion 66.90 (66.60 to 67.60): VU027540.D (-1194) (-)

5.31

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1467

Delta R.T. 0.00 min

Lab File: VU027540.D

Acq: 09 Oct 2018 22:42

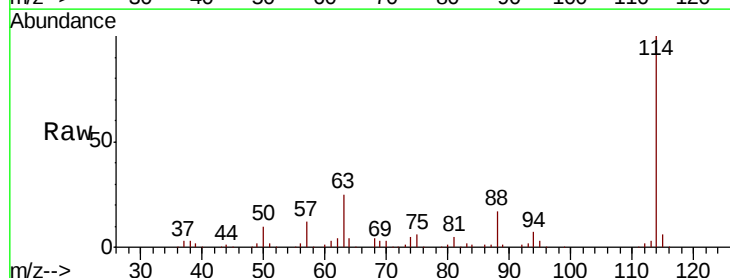
Tgt Ion: 114 Resp: 193394

Ion Ratio Lower Upper

114 100

63 25.1 0.0 50.2

88 17.3 0.0 33.8



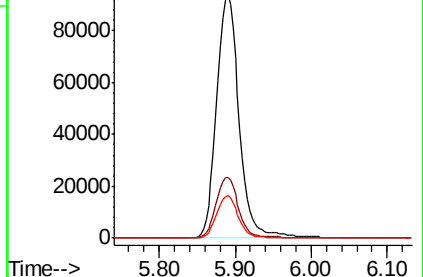
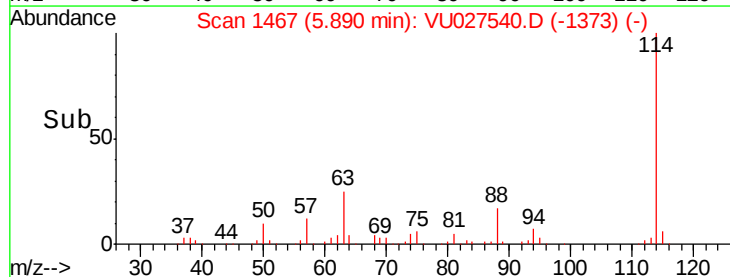
Abundance Ion 113.90 (113.60 to 114.60): VU027540.D (-1373) (-)

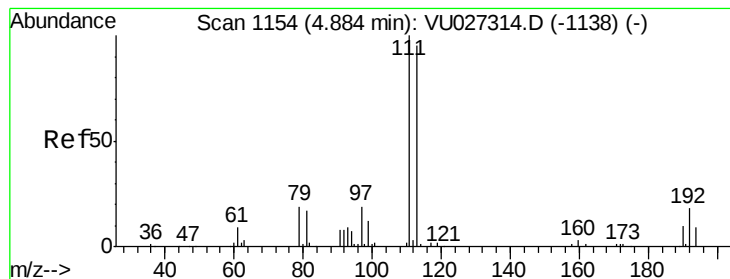
Ion 63.00 (62.70 to 63.70): VU027540.D (-1373) (-)

Ion 87.90 (87.60 to 88.60): VU027540.D (-1373) (-)

5.89

Time-->





#35

Dibromofluoromethane

Concen: 50.466 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027540.D

Acq: 09 Oct 2018 22:42

Instrument :

MSVOA_U

ClientSampleId :

CY-1

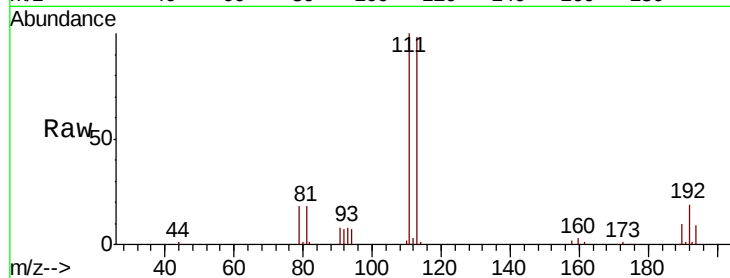
Tot Ion:113 Resp: 66887

Ion Ratio Lower Upper

113 100

111 102.6 83.1 124.7

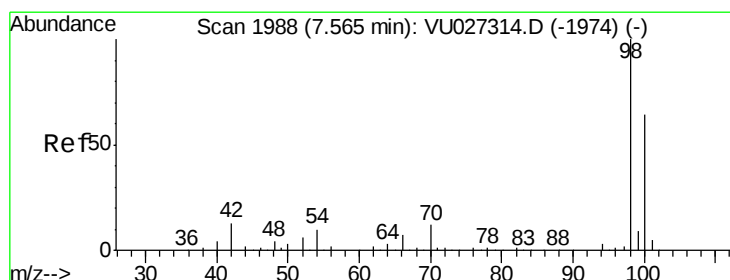
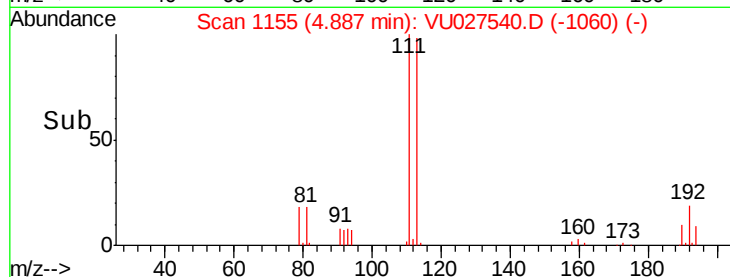
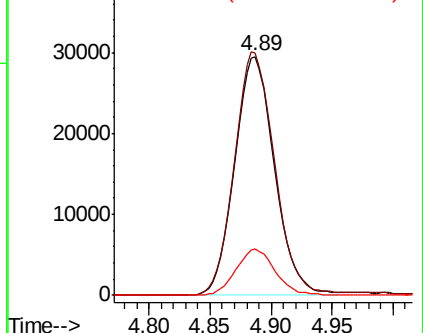
192 18.9 15.4 23.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 49.916 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027540.D

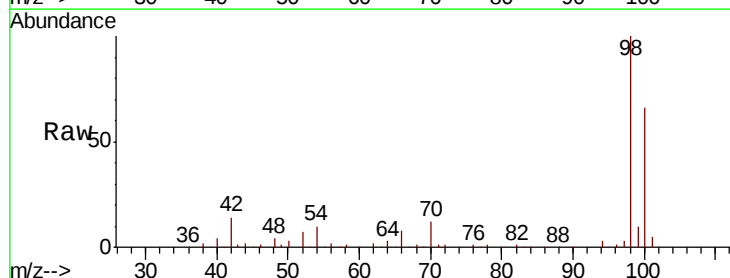
Acq: 09 Oct 2018 22:42

Tgt Ion: 98 Resp: 247611

Ion Ratio Lower Upper

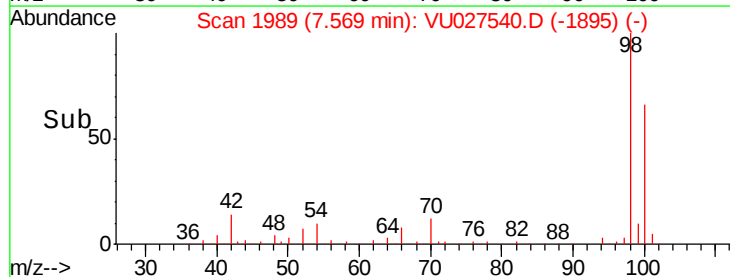
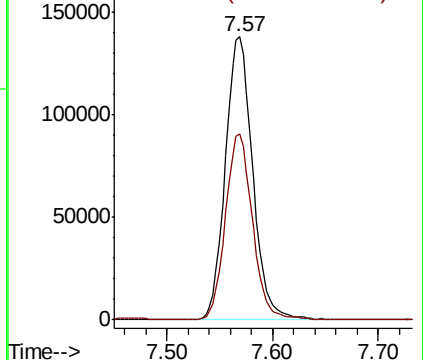
98 100

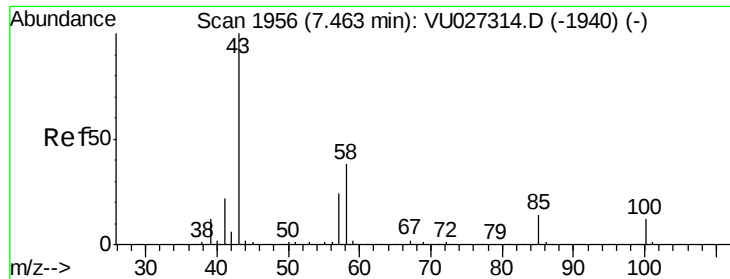
100 65.0 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#51

4-Methyl-2-Pentanone

Concen: 7.731 ug/l

RT: 7.47 min Scan# 1957

Delta R.T. 0.00 min

Lab File: VU027540.D

Acq: 09 Oct 2018 22:42

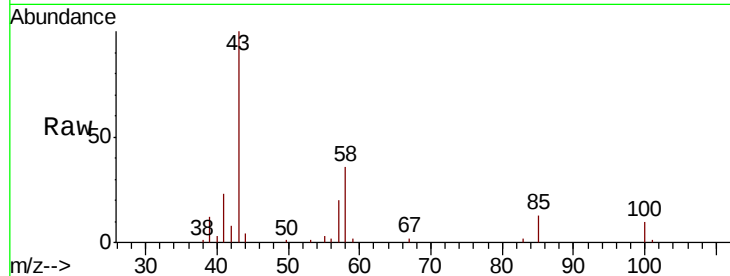
Instrument :
MSVOA_U
ClientSampled :
CY-1

Tot Ion: 43 Resp: 21173

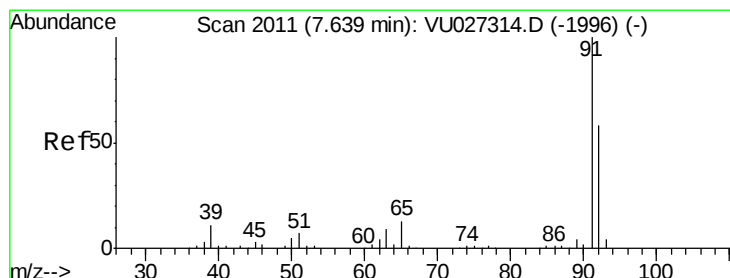
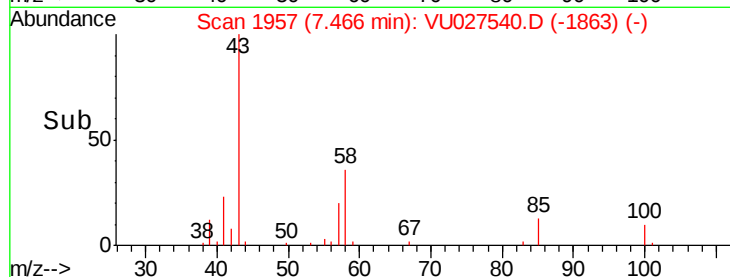
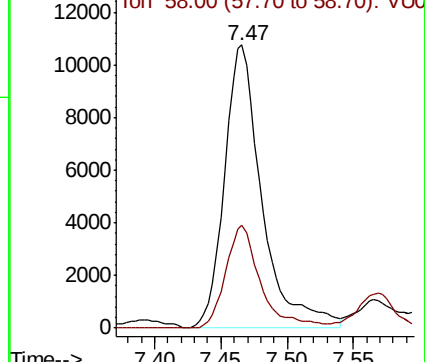
Ion Ratio Lower Upper

43 100

58 33.7 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VU027540.D (-1940) (-)



#52

Toluene

Concen: 0.986 ug/l

RT: 7.64 min Scan# 2012

Delta R.T. 0.00 min

Lab File: VU027540.D

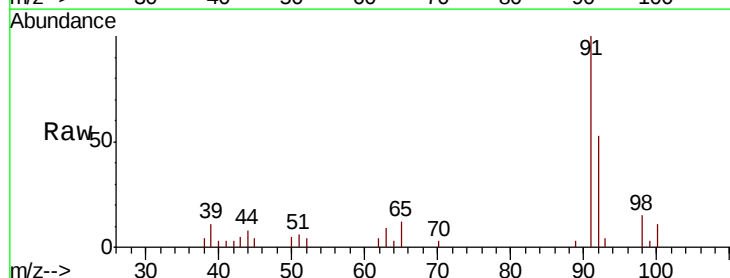
Acq: 09 Oct 2018 22:42

Tgt Ion: 92 Resp: 3569

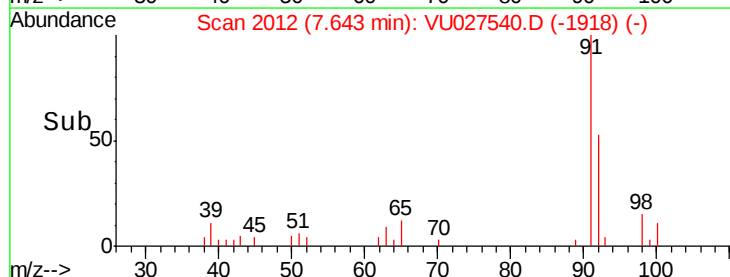
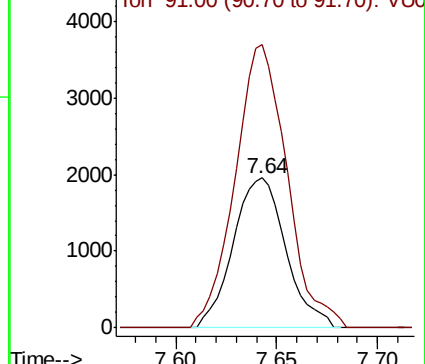
Ion Ratio Lower Upper

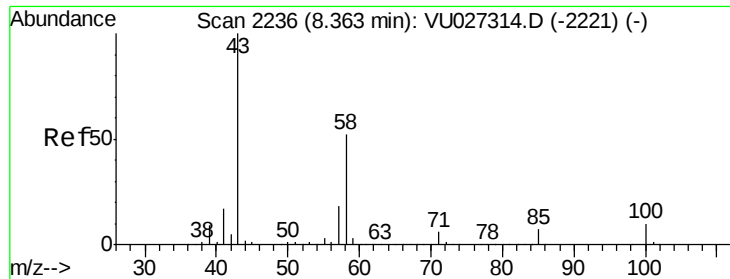
92 100

91 186.1 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU027540.D (-1918) (-)

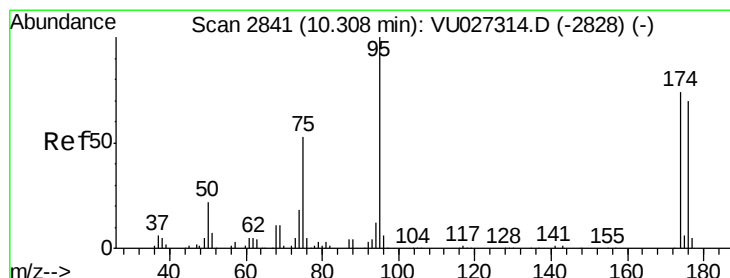
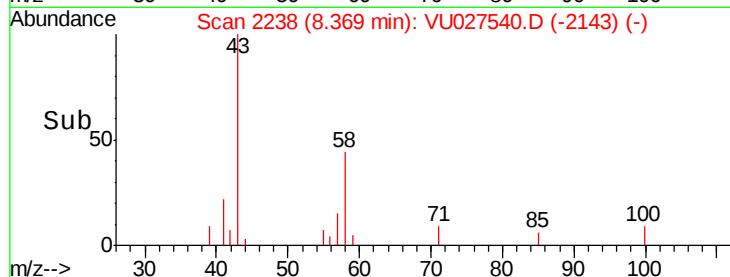
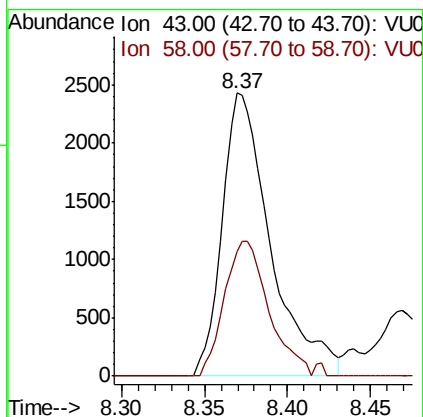
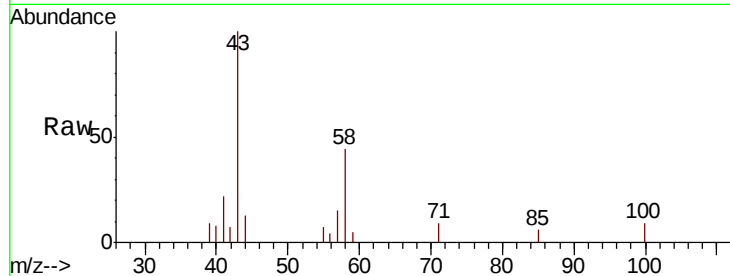




#59
2-Hexanone
Concen: 2.321 ug/l
RT: 8.37 min Scan# 2238
Delta R.T. 0.01 min
Lab File: VU027540.D
Acq: 09 Oct 2018 22:42

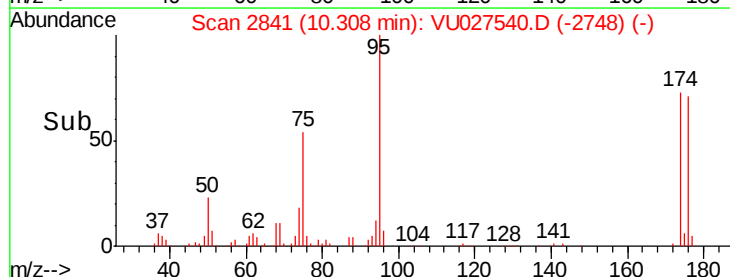
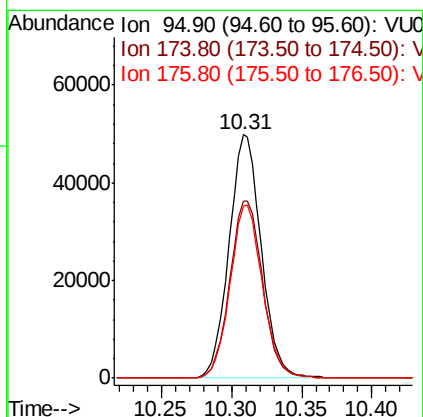
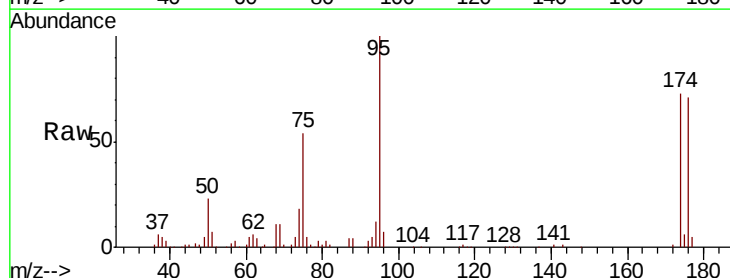
Instrument :
MSVOA_U
ClientSampled :
CY-1

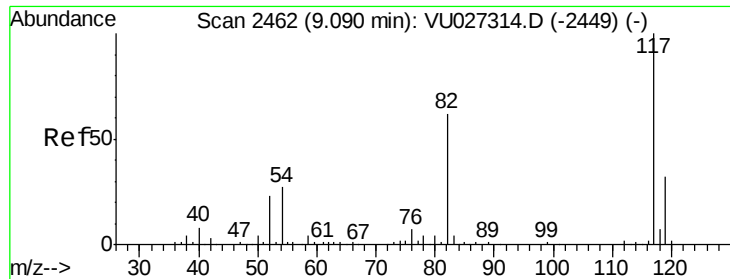
Tot Ion: 43 Resp: 4931
Ion Ratio Lower Upper
43 100
58 43.7 26.1 78.3



#62
4-Bromofluorobenzene
Concen: 43.164 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027540.D
Acq: 09 Oct 2018 22:42

Tgt Ion: 95 Resp: 79574
Ion Ratio Lower Upper
95 100
174 74.5 0.0 147.8
176 71.7 0.0 140.8

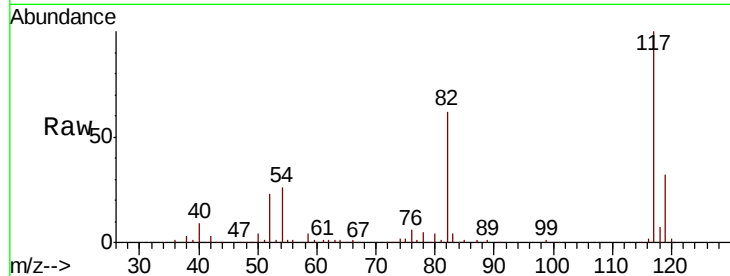




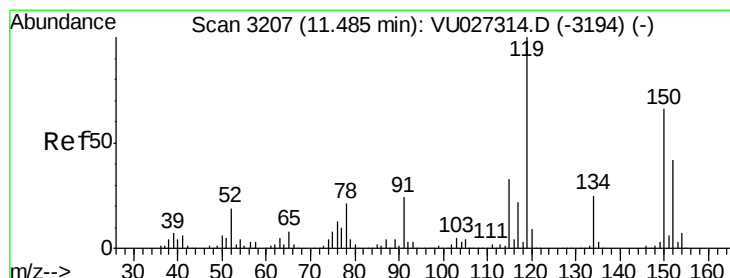
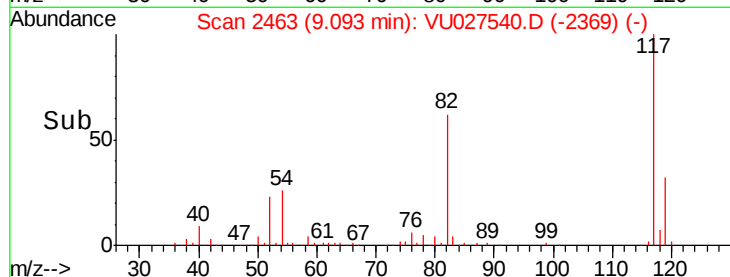
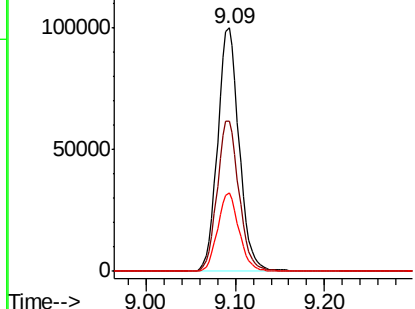
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027540.D
Acq: 09 Oct 2018 22:42

Instrument :
MSVOA_U
ClientSampled :
CY-1

Tot Ion:117 Resp: 167048
Ion Ratio Lower Upper
117 100
82 61.9 49.2 73.8
119 32.1 25.7 38.5

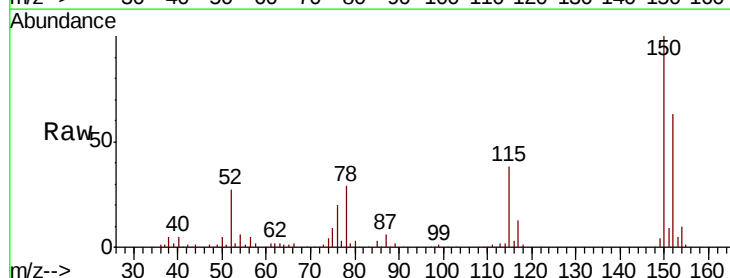


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027540.D
Acq: 09 Oct 2018 22:42

Tgt Ion:152 Resp: 71945
Ion Ratio Lower Upper
152 100
115 61.4 43.4 130.2
150 159.8 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

