

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
 Data File : VU024701.D
 Acq On : 18 Jun 2018 19:02
 Operator : MD/SY
 Sample : J3508-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 KGS-SIDE-1

Quant Time: Jun 19 07:13:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

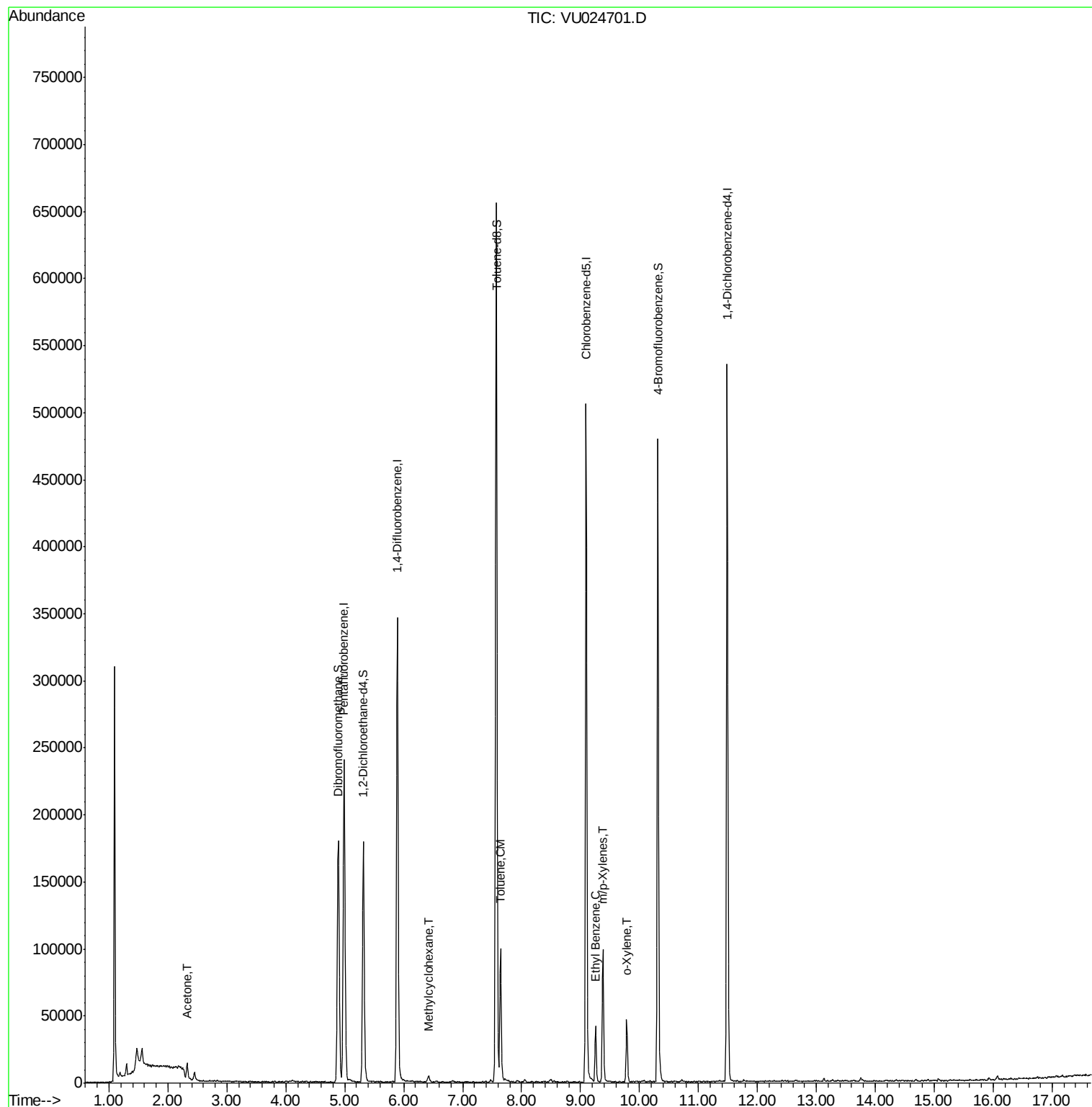
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	193906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	306719	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	286924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	144539	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	134983	42.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.28%	
35) Dibromofluoromethane	4.89	113	120696	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.82%	
50) Toluene-d8	7.57	98	446387	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
62) 4-Bromofluorobenzene	10.31	95	156765	42.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.04%	
Target Compounds						
16) Acetone	2.32	43	12201	7.17	ug/l	95
39) Methylcyclohexane	6.42	83	1978	0.44	ug/l	97
52) Toluene	7.64	92	41507	6.28	ug/l	96
67) Ethyl Benzene	9.26	91	30453	2.37	ug/l	99
68) m/p-Xylenes	9.38	106	30569	6.20	ug/l	89
69) o-Xylene	9.78	106	12911	2.64	ug/l	94

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024701.D

Acq: 18 Jun 2018 19:02

Instrument :

MSVOA_U

ClientSampleId :

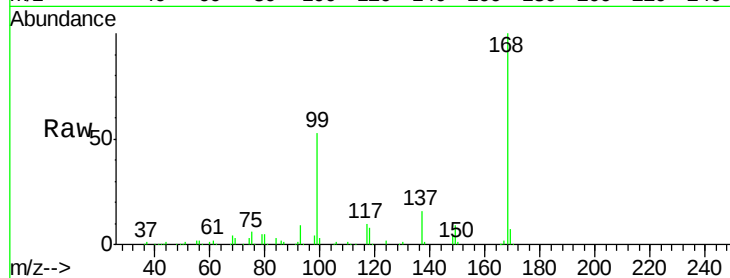
KGS-SIDE-1

Tot Ion:168 Resp: 193906

Ion Ratio Lower Upper

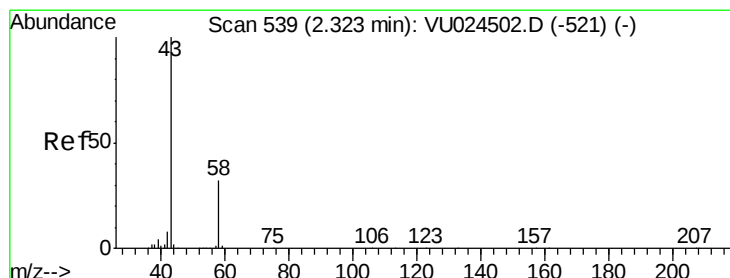
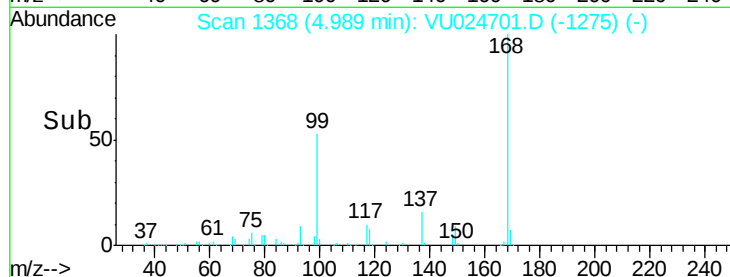
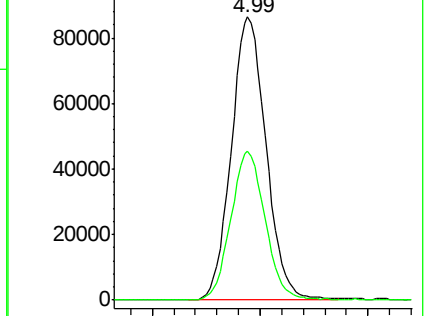
168 100

99 52.7 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024701.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024701.D (-1275) (-)



#16

Acetone

Concen: 7.17 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024701.D

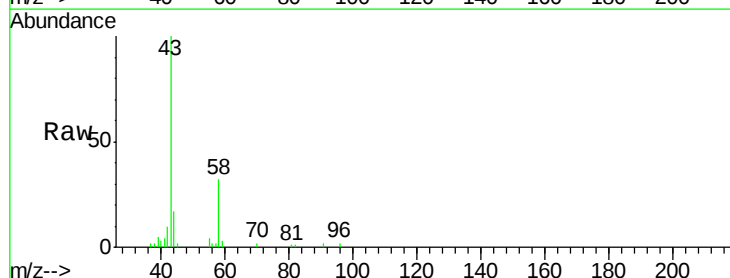
Acq: 18 Jun 2018 19:02

Tgt Ion: 43 Resp: 12201

Ion Ratio Lower Upper

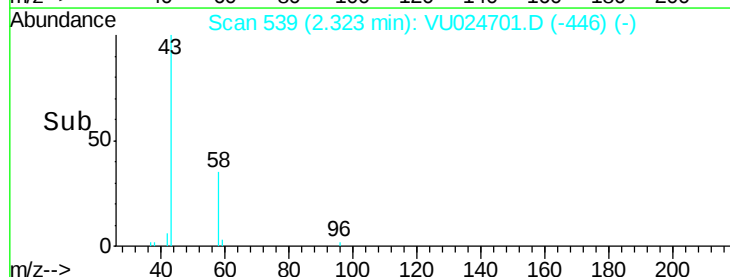
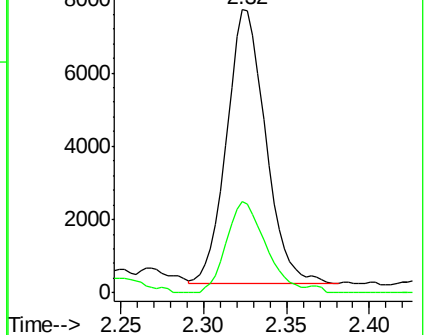
43 100

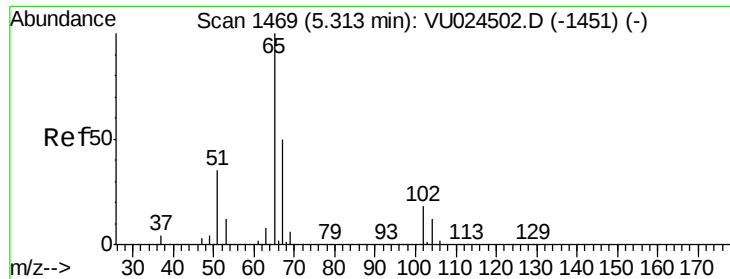
58 33.3 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024701.D (-446) (-)

Ion 58.00 (57.70 to 58.70): VU024701.D (-446) (-)

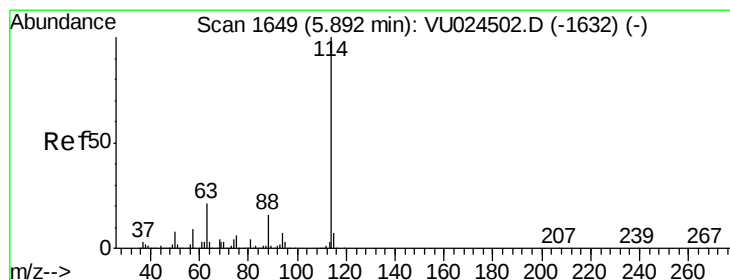
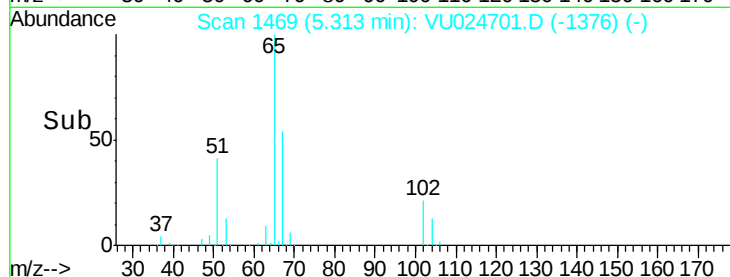
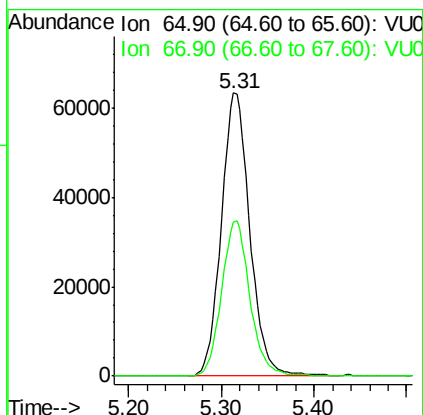
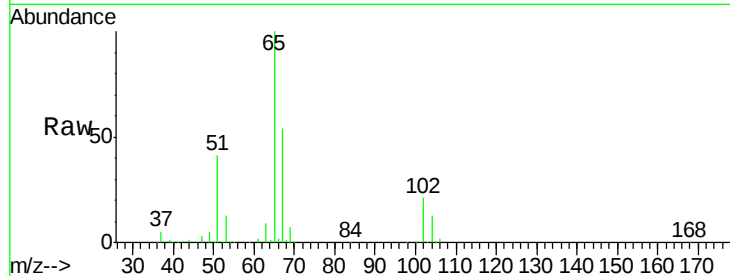




#33
 1,2-Dichloroethane-d4
 Concen: 42.64 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024701.D
 Acq: 18 Jun 2018 19:02

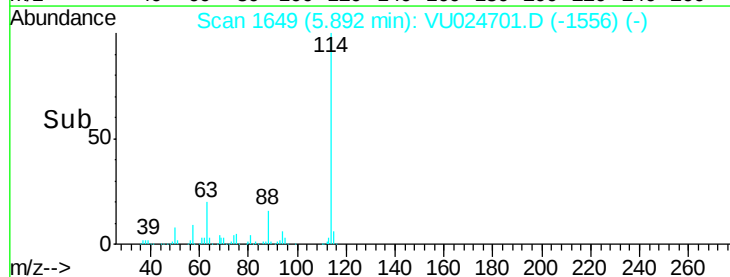
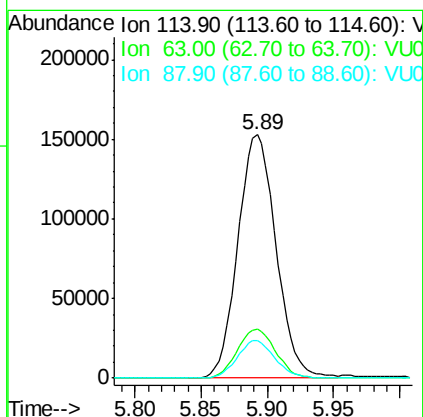
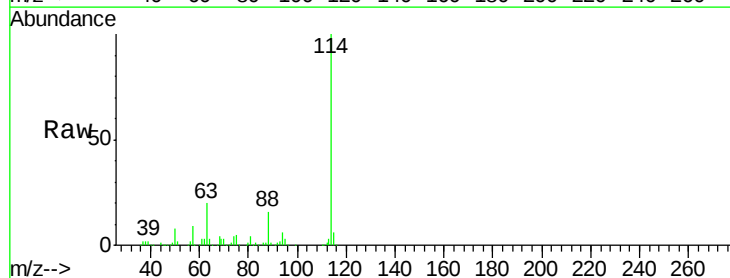
Instrument :
 MSVOA_U
 ClientSampleId :
 KGS-SIDE-1

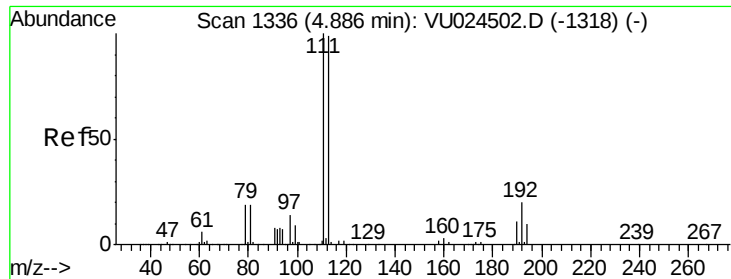
Tot Ion: 65 Resp: 134983
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU024701.D
 Acq: 18 Jun 2018 19:02

Tgt Ion: 114 Resp: 306719
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 45.4
 88 15.6 0.0 31.0

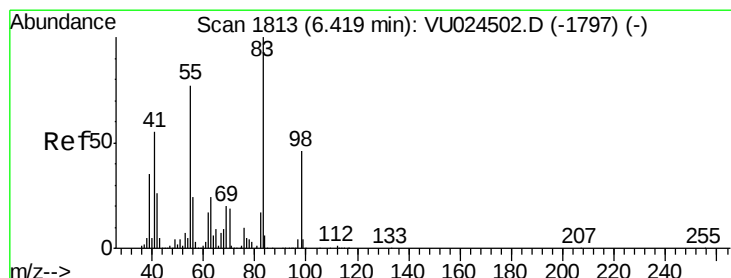
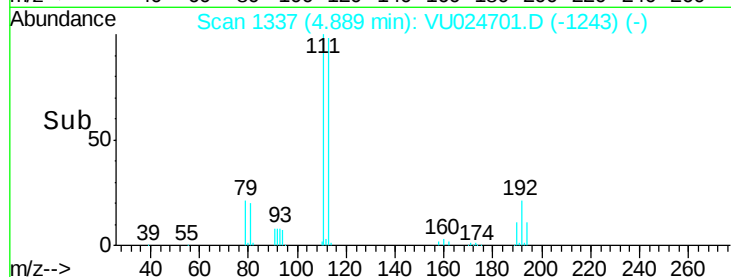
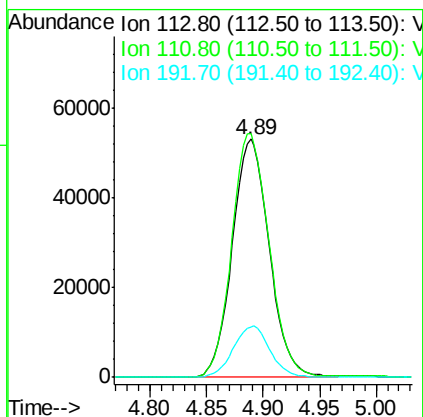
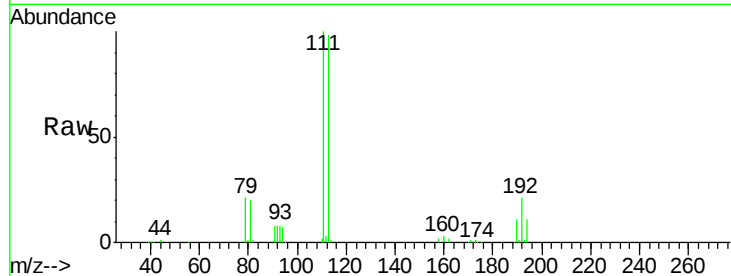




#35
Dibromofluoromethane
Concen: 47.41 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU024701.D
Acq: 18 Jun 2018 19:02

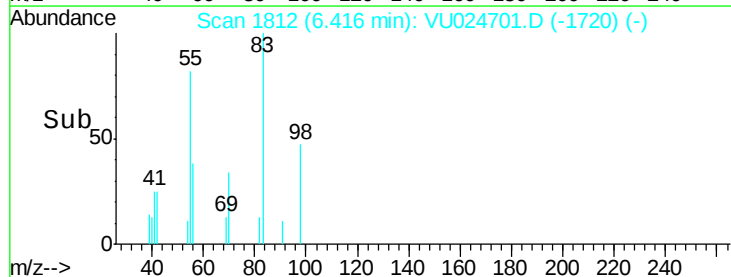
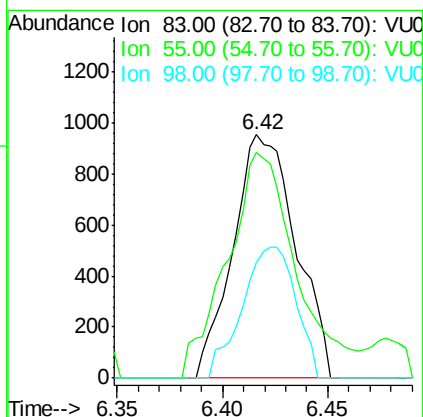
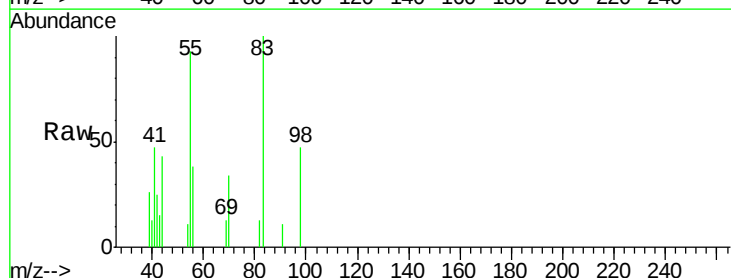
Instrument :
MSVOA_U
ClientSampleId :
KGS-SIDE-1

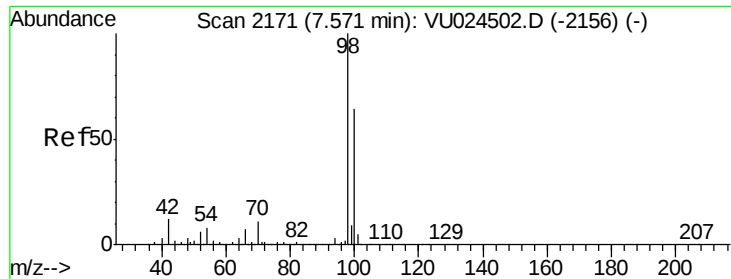
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.4
192	21.4	16.2	24.4



#39
Methylcyclohexane
Concen: 0.44 ug/l
RT: 6.42 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VU024701.D
Acq: 18 Jun 2018 19:02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.5	65.8	98.6
98	47.3	36.7	55.1





#50

Toluene-d8

Concen: 48.08 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU024701.D

Acq: 18 Jun 2018 19:02

Instrument :

MSVOA_U

ClientSampleId :

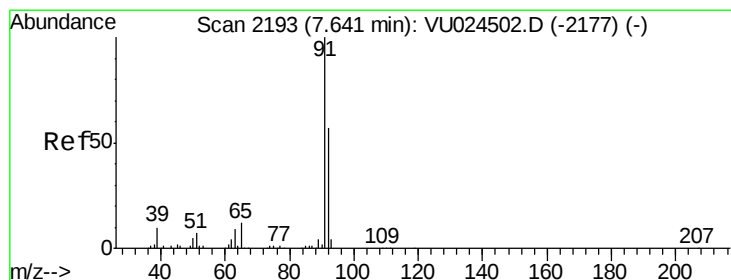
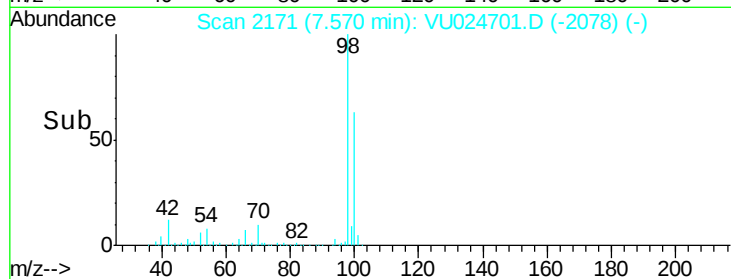
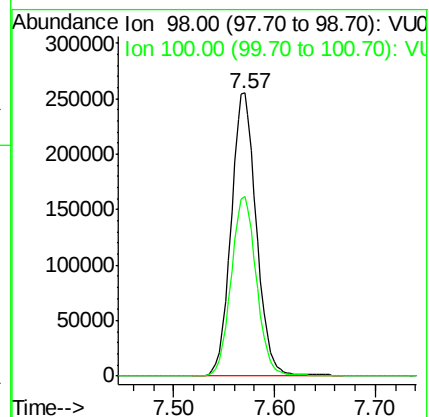
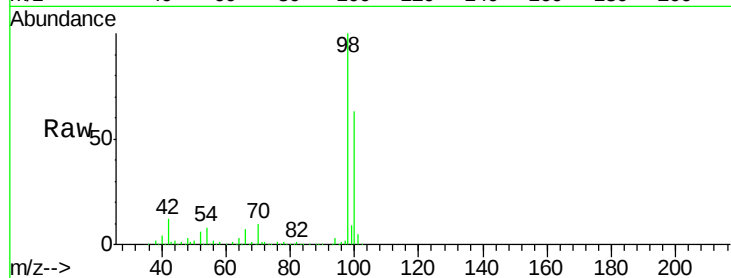
KGS-SIDE-1

Tot Ion: 98 Resp: 446387

Ion Ratio Lower Upper

98 100

100 63.5 51.1 76.7



#52

Toluene

Concen: 6.28 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU024701.D

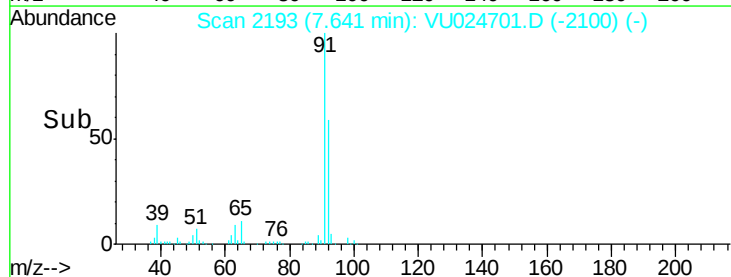
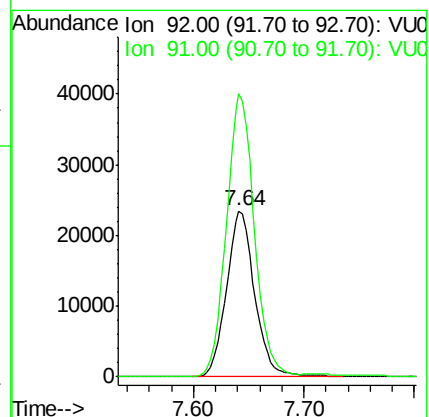
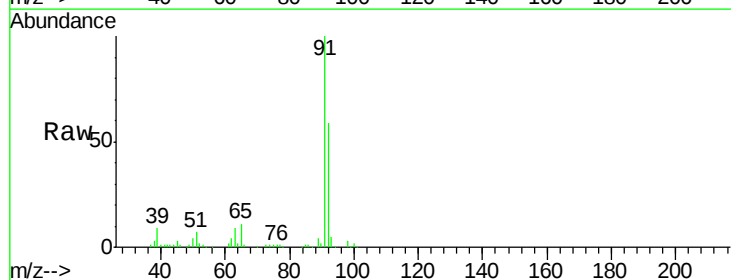
Acq: 18 Jun 2018 19:02

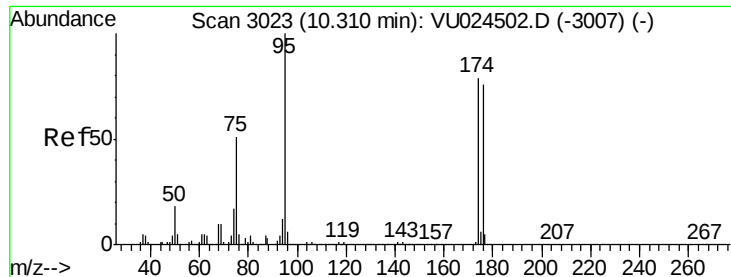
Tgt Ion: 92 Resp: 41507

Ion Ratio Lower Upper

92 100

91 169.6 140.5 210.7





#62

4-Bromofluorobenzene

Concen: 42.52 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024701.D

Acq: 18 Jun 2018 19:02

Instrument :

MSVOA_U

ClientSampleId :

KGS-SIDE-1

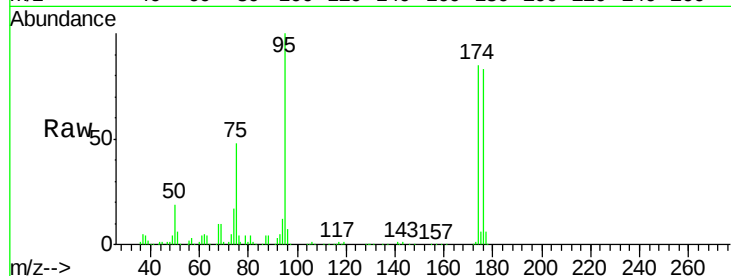
Tot Ion: 95 Resp: 156765

Ion Ratio Lower Upper

95 100

174 86.7 0.0 165.8

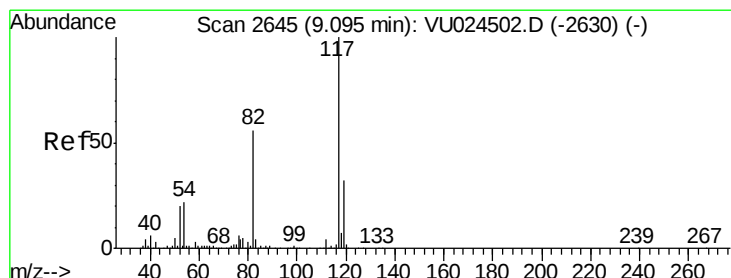
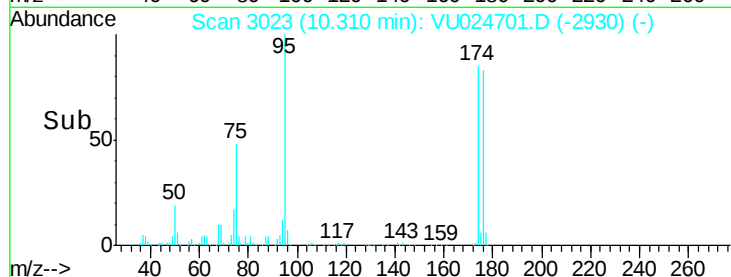
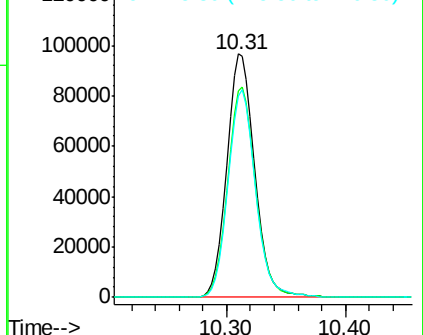
176 84.3 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): VU0

Ion 175.80 (175.50 to 176.50): VU0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VU024701.D

Acq: 18 Jun 2018 19:02

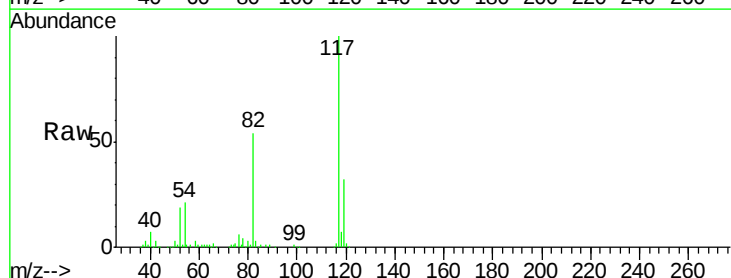
Tgt Ion: 117 Resp: 286924

Ion Ratio Lower Upper

117 100

82 53.7 44.3 66.5

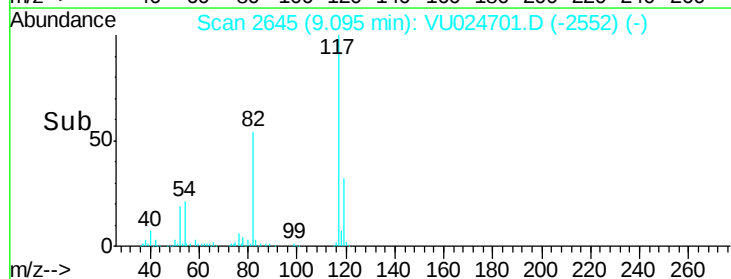
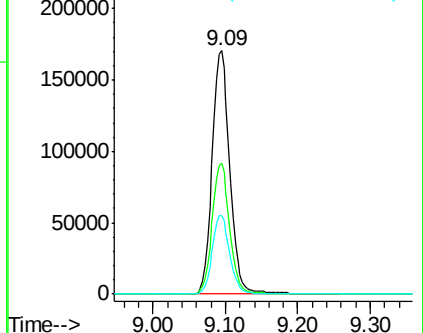
119 32.4 25.4 38.2

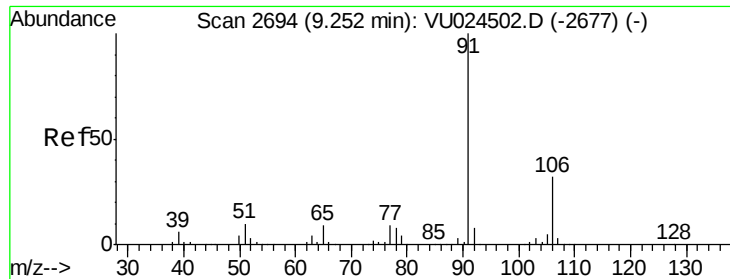


Abundance Ion 116.90 (116.60 to 117.60): VU0

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): VU0





#67

Ethyl Benzene

Concen: 2.37 ug/l

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU024701.D

Acq: 18 Jun 2018 19:02

Instrument :

MSVOA_U

ClientSampleId :

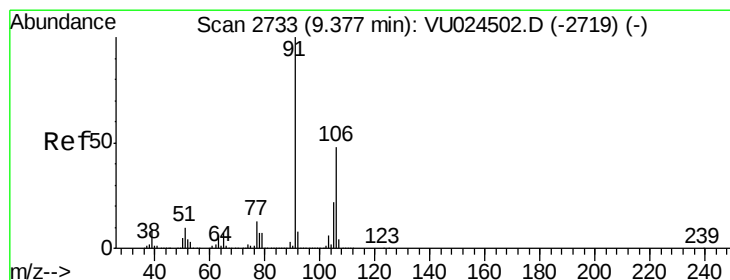
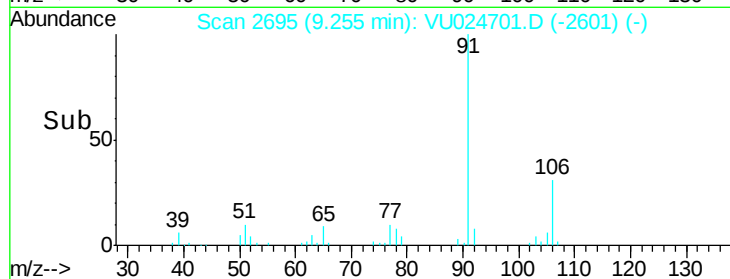
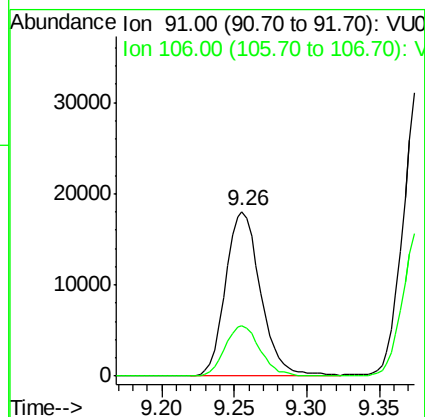
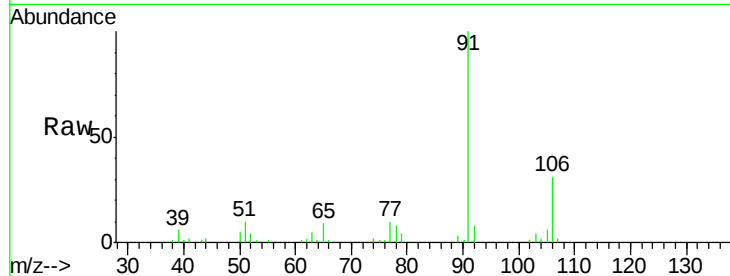
KGS-SIDE-1

Tot Ion: 91 Resp: 30453

Ion Ratio Lower Upper

91 100

106 30.7 24.2 36.4



#68

m/p-Xylenes

Concen: 6.20 ug/l

RT: 9.38 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU024701.D

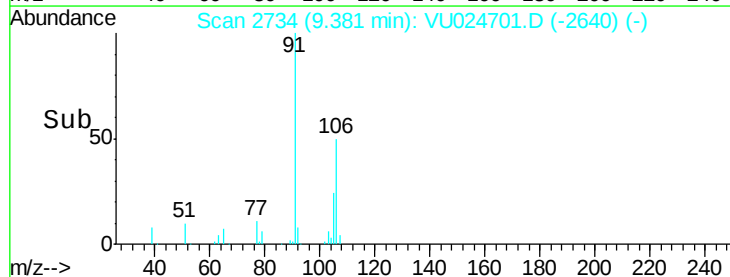
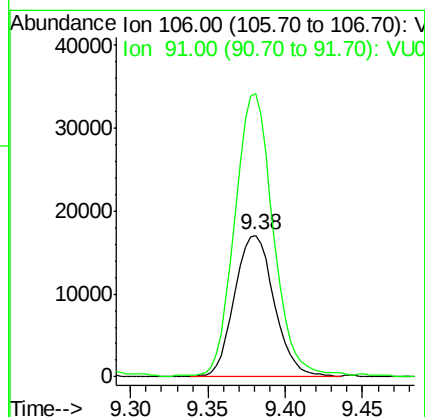
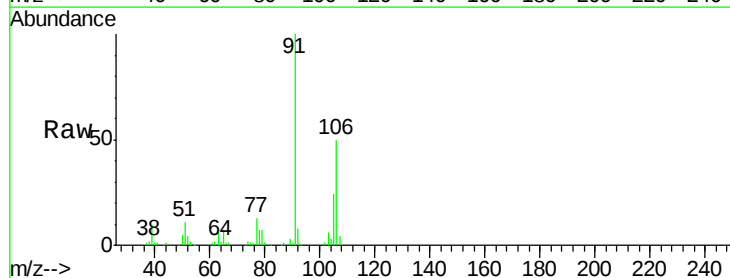
Acq: 18 Jun 2018 19:02

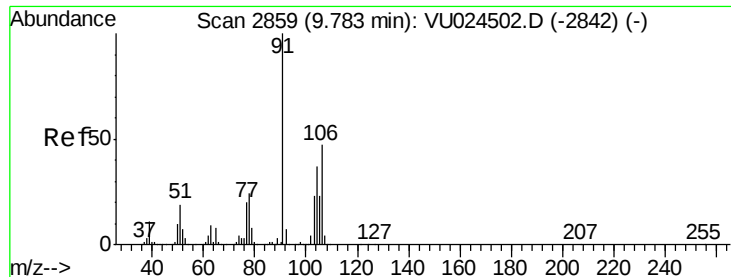
Tgt Ion: 106 Resp: 30569

Ion Ratio Lower Upper

106 100

91 190.9 166.5 249.7

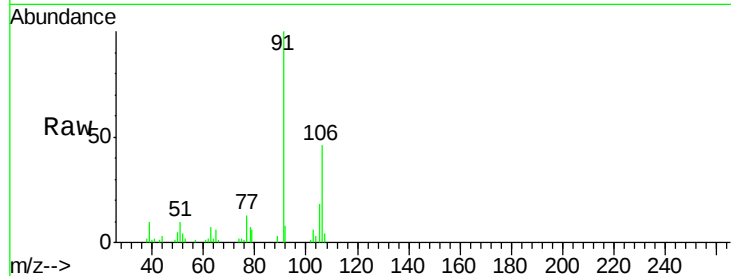




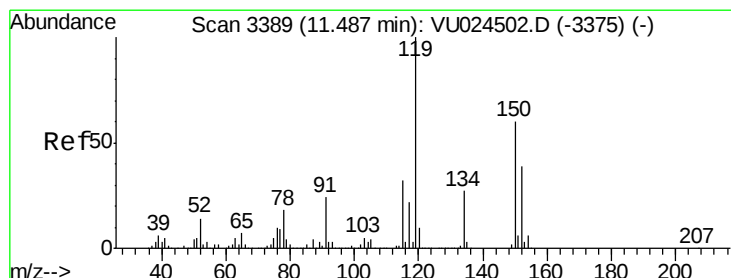
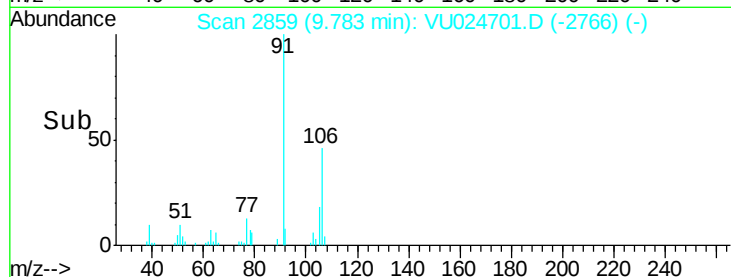
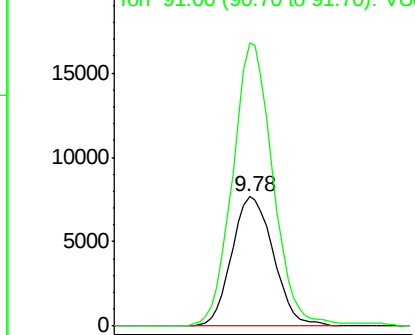
#69
o-Xylene
Concen: 2.64 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024701.D
Acq: 18 Jun 2018 19:02

Instrument :
MSVOA_U
ClientSampleId :
KGS-SIDE-1

Tot Ion:106 Resp: 12911
Ion Ratio Lower Upper
106 100
91 211.6 110.7 331.9

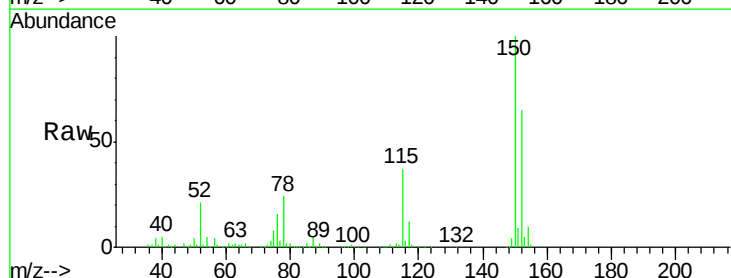


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU024701.D
Acq: 18 Jun 2018 19:02

Tgt Ion:152 Resp: 144539
Ion Ratio Lower Upper
152 100
115 56.1 43.0 129.0
150 156.4 0.0 354.0



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

