

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100418\
 Data File : VU027386.D
 Acq On : 04 Oct 2018 03:18
 Operator : MD/SY
 Sample : J5218-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 229-211-RBR250129

Quant Time: Oct 04 08:31:56 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

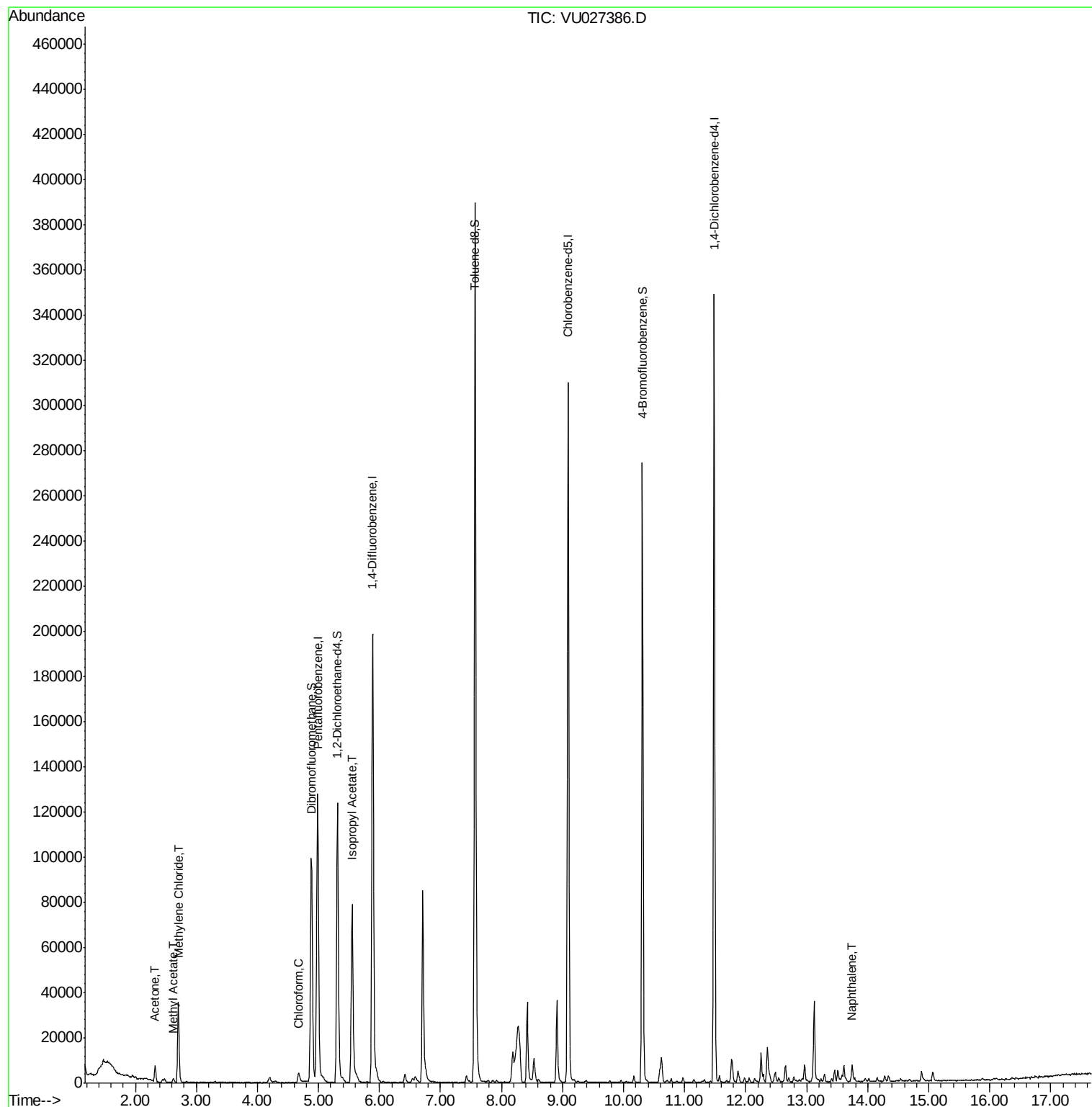
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	90696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	164467	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	162469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	84412	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	97061	64.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.18%	
35) Dibromofluoromethane	4.89	113	69692	61.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.66%	
50) Toluene-d8	7.57	98	255507	60.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.14%	
62) 4-Bromofluorobenzene	10.31	95	89596	57.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.30%	
Target Compounds						
16) Acetone	2.32	43	8016	8.960	ug/l	98
18) Methyl Acetate	2.62	43	2505	1.227	ug/l	93
20) Methylene Chloride	2.70	84	14590	11.707	ug/l	98
30) Chloroform	4.68	83	3672	1.739	ug/l	96
43) Isopropyl Acetate	5.55	43	97781	27.280	ug/l	97
95) Naphthalene	13.75	128	6790	2.689	ug/l #	95

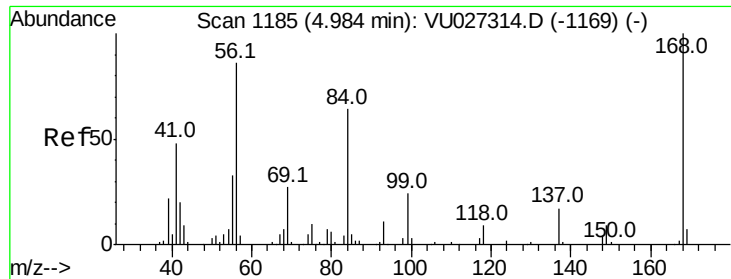
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027386.D

Acq: 04 Oct 2018 03:18

Instrument :

MSVOA_U

ClientSampleId :

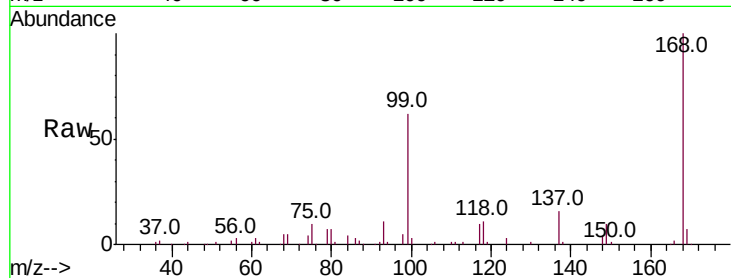
229-211-RBR250129

Tot Ion:168 Resp: 90696

Ion Ratio Lower Upper

168 100

99 61.8 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

40000

30000

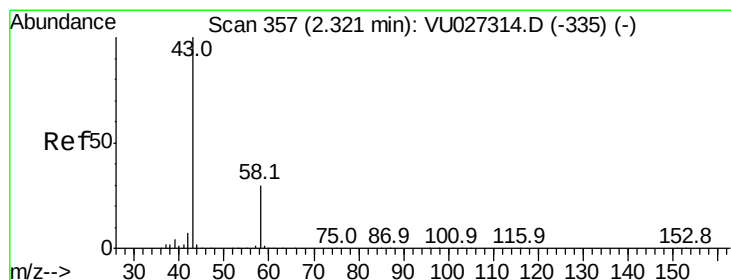
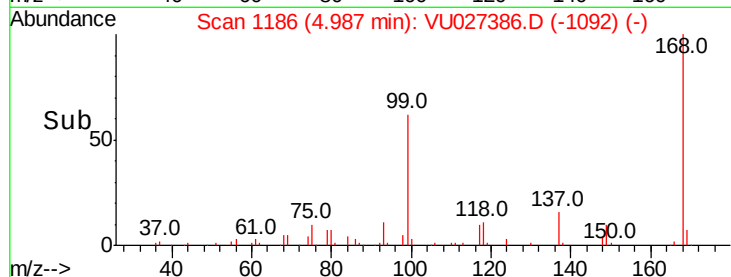
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#16

Acetone

Concen: 8.960 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027386.D

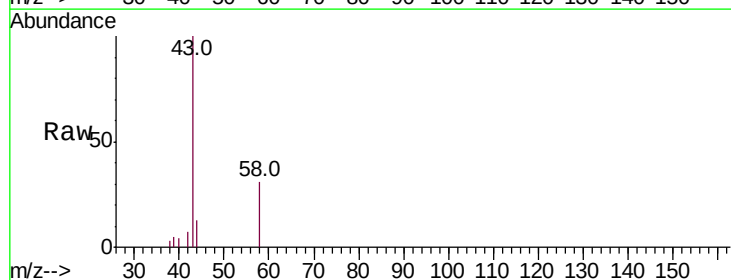
Acq: 04 Oct 2018 03:18

Tgt Ion: 43 Resp: 8016

Ion Ratio Lower Upper

43 100

58 31.4 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VU027314.D (-335) (-)

2.32

5000

4000

3000

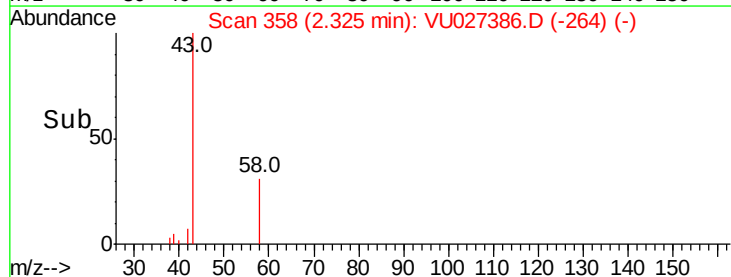
2000

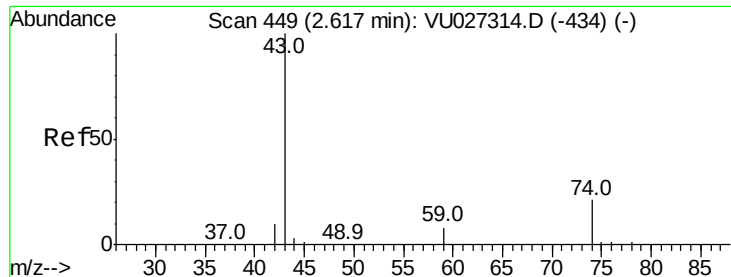
1000

0

2.25 2.30 2.35 2.40

Time-->

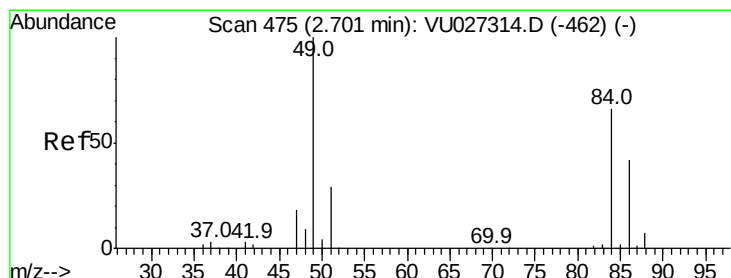
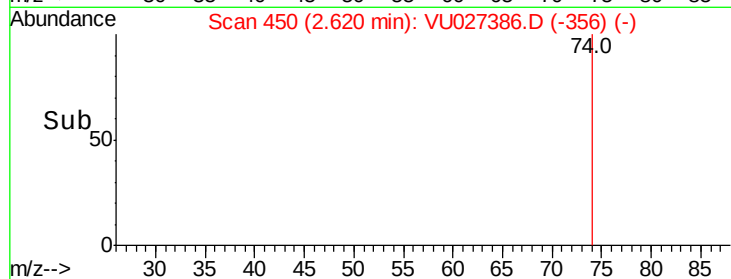
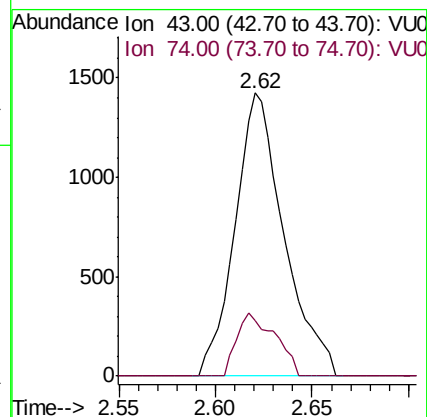
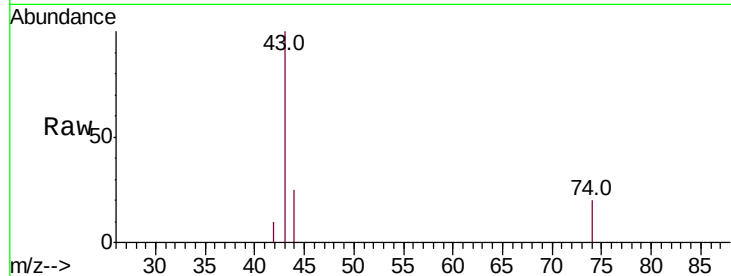




#18
Methvl Acetate
Concen: 1.227 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.00 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

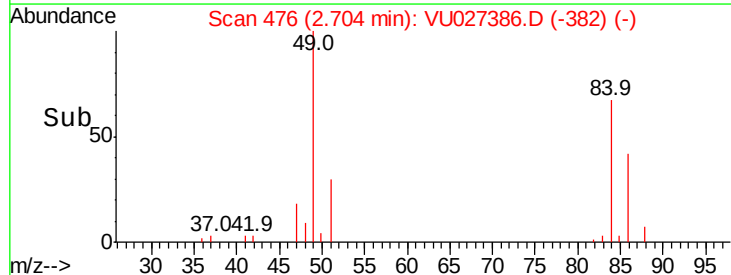
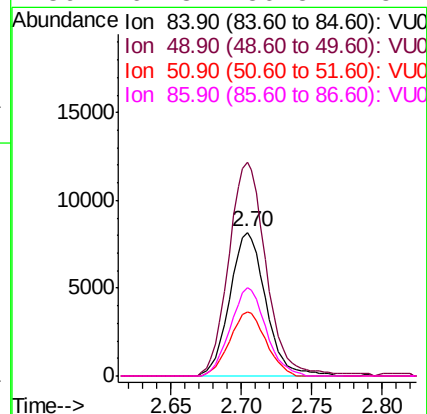
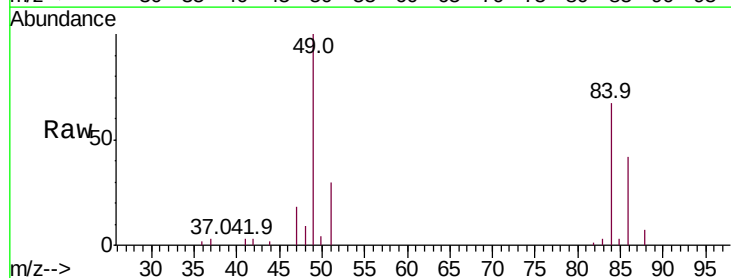
Instrument :
MSVOA_U
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229-211-RBR250129

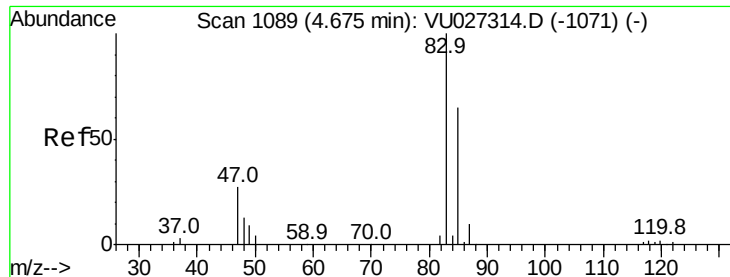
Tot Ion: 43 Resp: 2505
Ion Ratio Lower Upper
43 100
74 17.4 16.5 24.7



#20
Methylene Chloride
Concen: 11.707 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Tgt Ion: 84 Resp: 14590
Ion Ratio Lower Upper
84 100
49 148.6 120.5 180.7
51 44.8 35.1 52.7
86 61.8 50.5 75.7

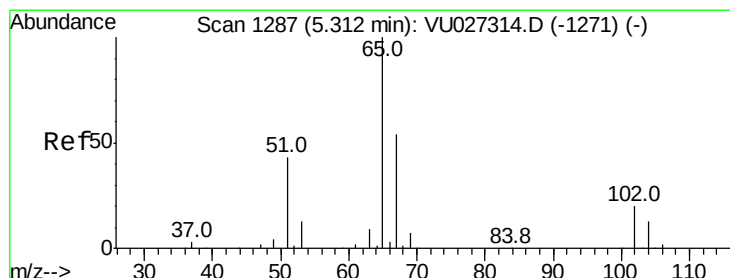
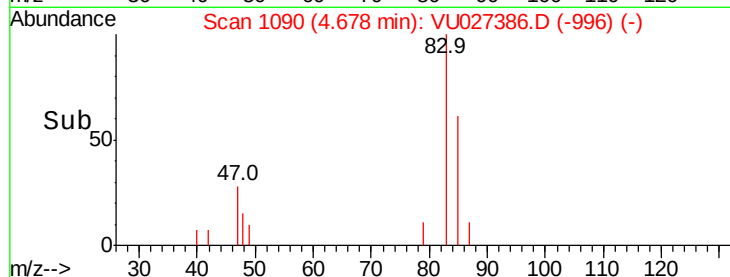
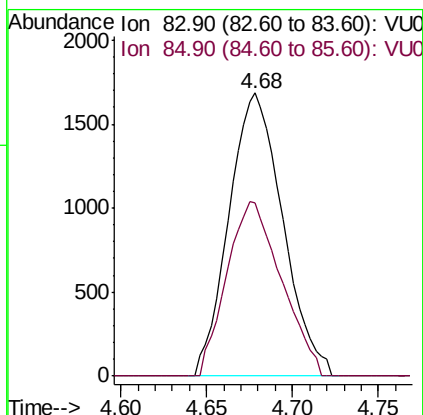
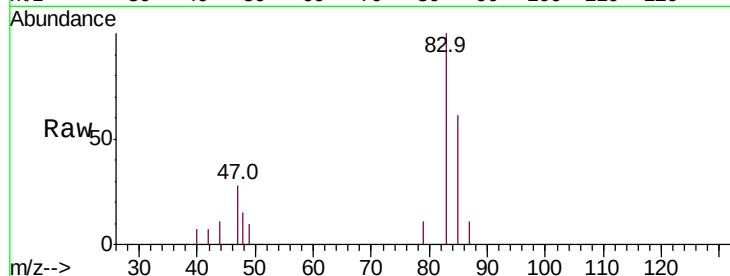




#30
Chloroform
Concen: 1.739 ug/l
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

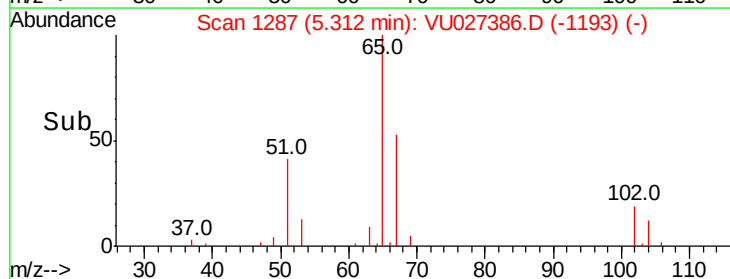
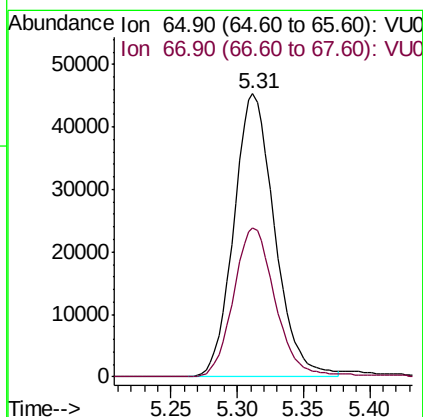
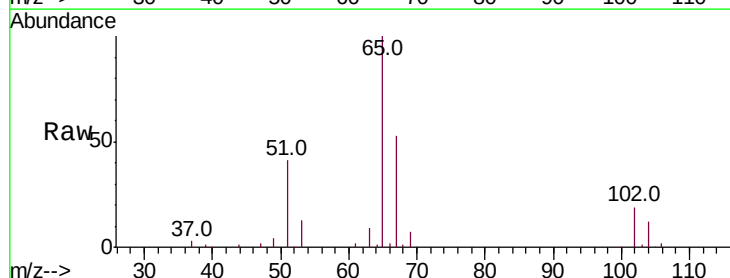
Instrument :
MSVOA_U
ClientSampleId :
229-211-RBR250129

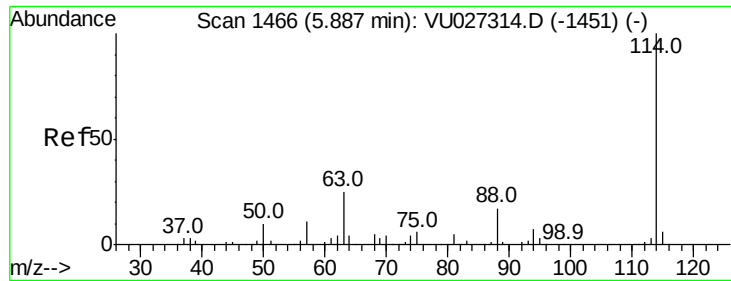
Tot Ion: 83 Resp: 3672
Ion Ratio Lower Upper
83 100
85 61.4 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 64.089 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027386.D
Acq: 04 Oct 2018 03:18

Tgt Ion: 65 Resp: 97061
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.8

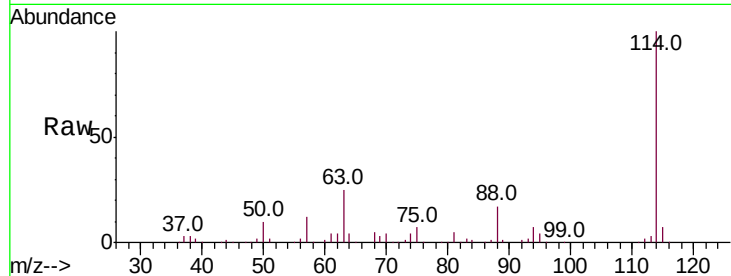




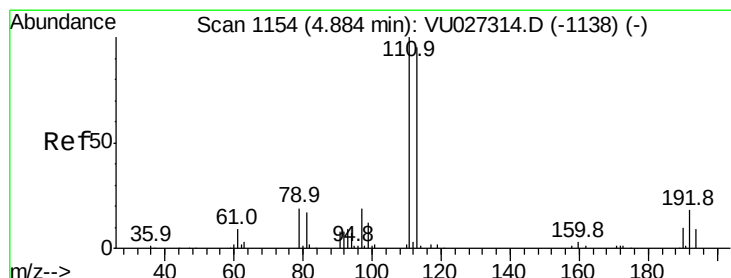
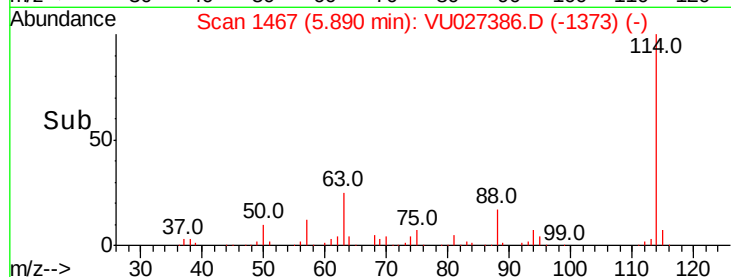
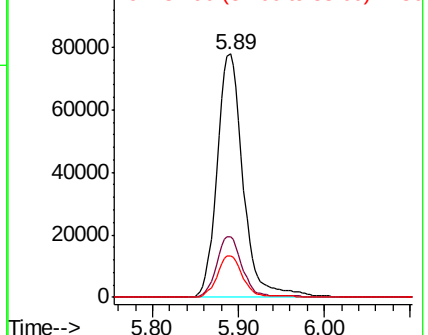
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027386.D
 Acq: 04 Oct 2018 03:18

Instrument :
 MSVOA_U
 ClientSampleId :
 229-211-RBR250129

Tot Ion:114 Resp: 164467
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 50.2
 88 17.1 0.0 33.8

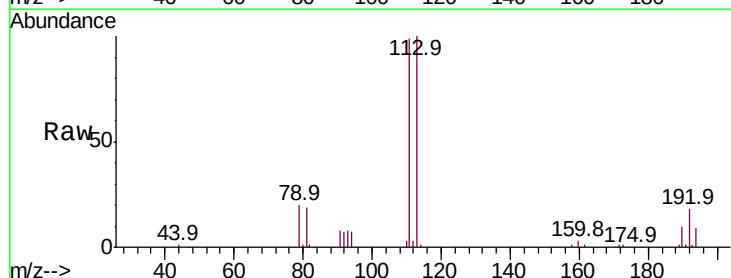


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

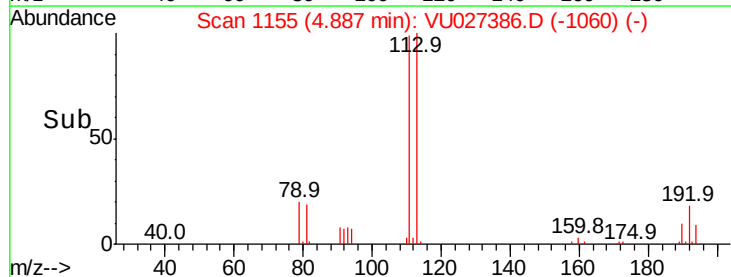
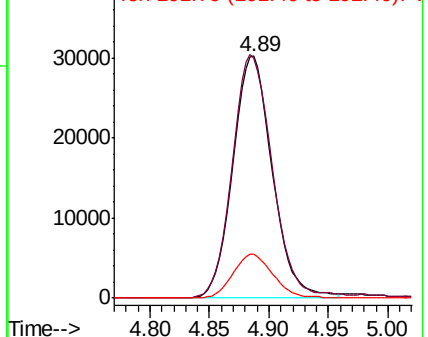


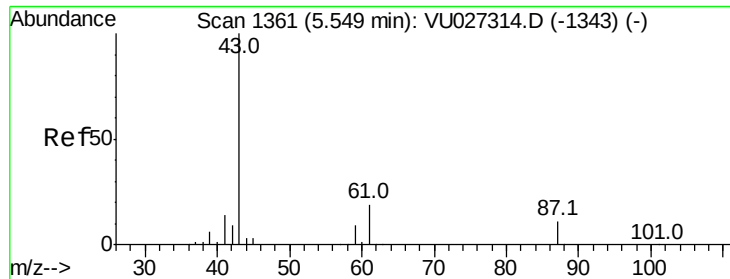
#35
 Dibromofluoromethane
 Concen: 61.831 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027386.D
 Acq: 04 Oct 2018 03:18

Tgt Ion:113 Resp: 69692
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.1 124.7
 192 18.6 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





#43

Isopropyl Acetate

Concen: 27.280 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU027386.D

Acq: 04 Oct 2018 03:18

Instrument :

MSVOA_U

ClientSampleId :

229-211-RBR250129

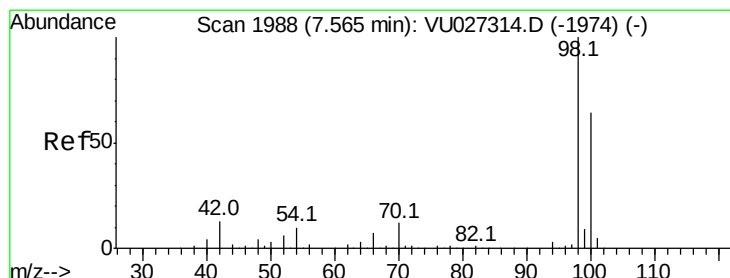
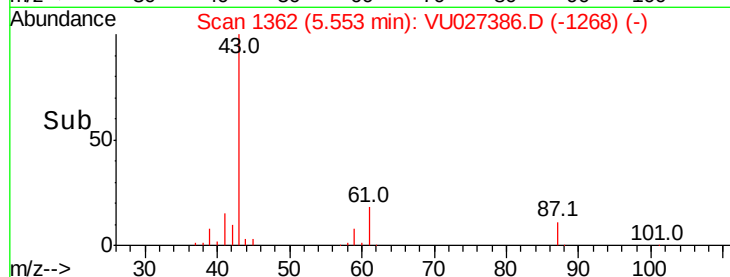
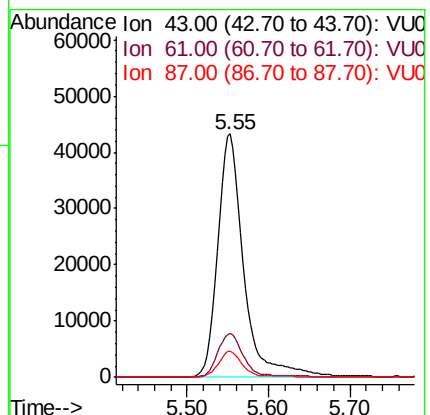
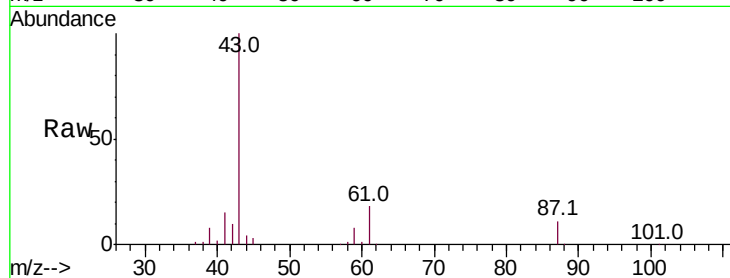
Tot Ion: 43 Resp: 97781

Ion Ratio Lower Upper

43 100

61 17.8 15.3 22.9

87 10.1 8.6 13.0



#50

Toluene-d8

Concen: 60.568 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU027386.D

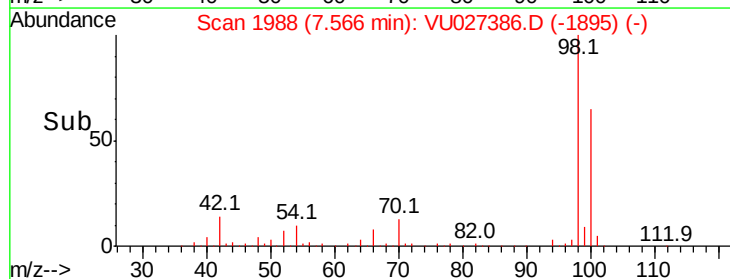
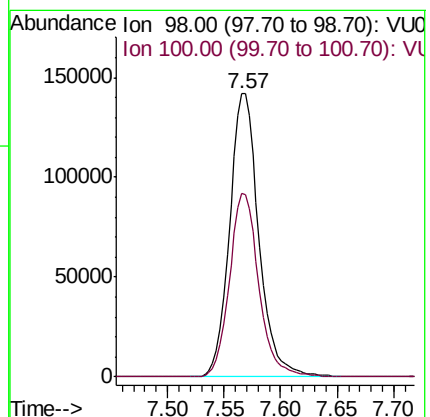
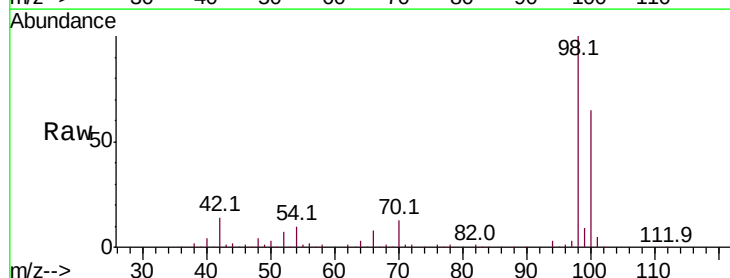
Acq: 04 Oct 2018 03:18

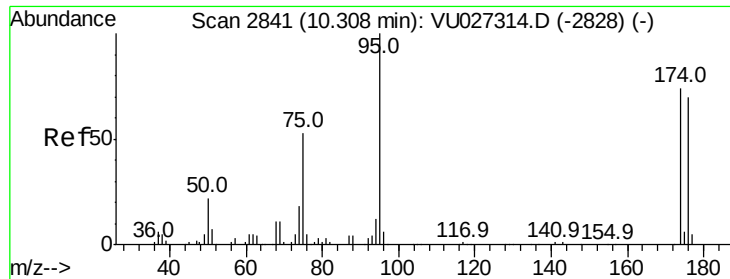
Tgt Ion: 98 Resp: 255507

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 57.149 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027386.D

Acq: 04 Oct 2018 03:18

Instrument :

MSVOA_U

ClientSampleId :

229-211-RBR250129

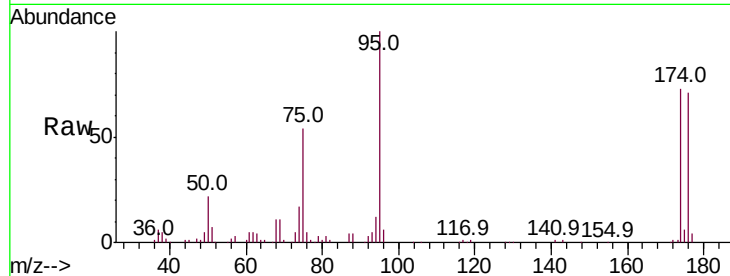
Tot Ion: 95 Resp: 89596

Ion Ratio Lower Upper

95 100

174 74.3 0.0 147.8

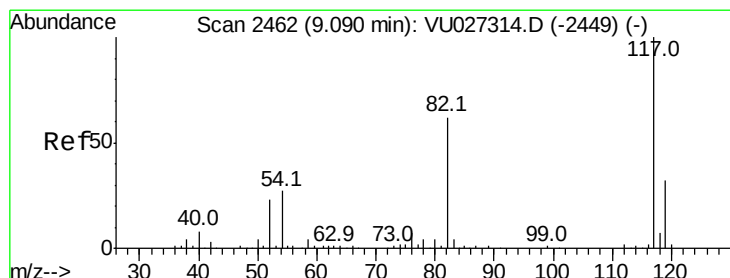
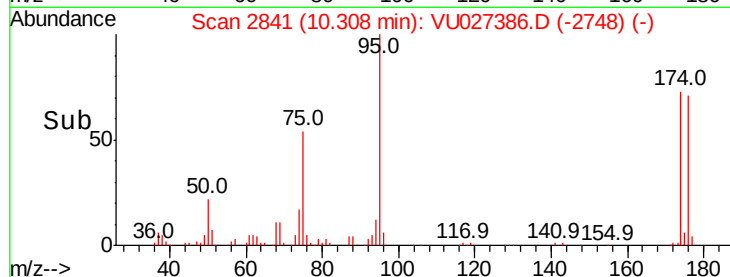
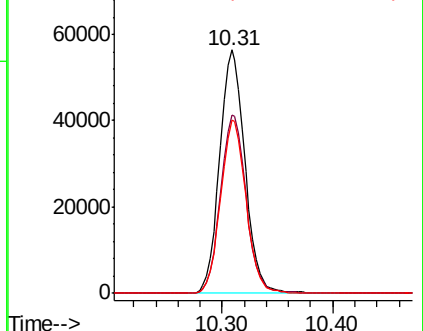
176 71.4 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU027314.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027314.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027314.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VU027386.D

Acq: 04 Oct 2018 03:18

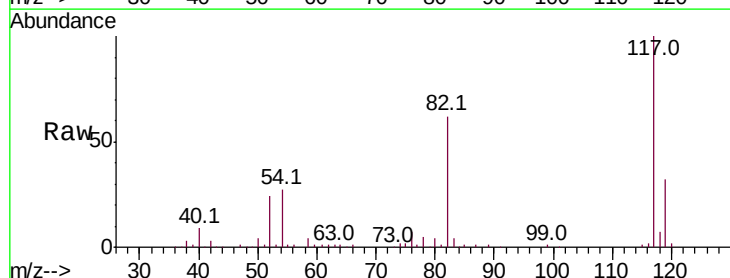
Tgt Ion: 117 Resp: 162469

Ion Ratio Lower Upper

117 100

82 61.8 49.2 73.8

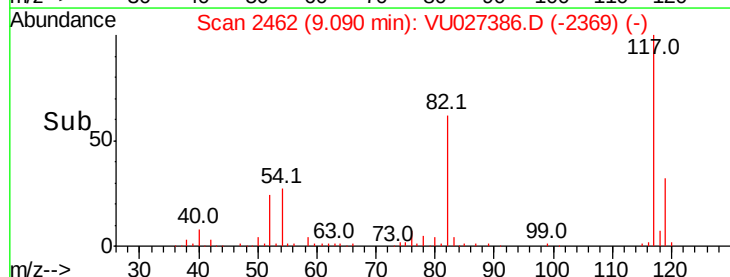
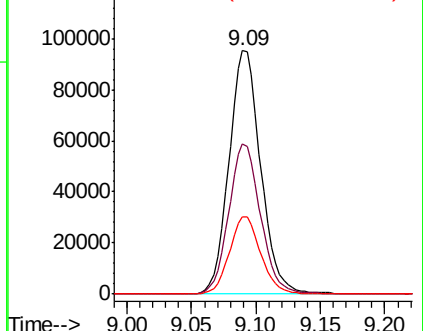
119 31.9 25.7 38.5

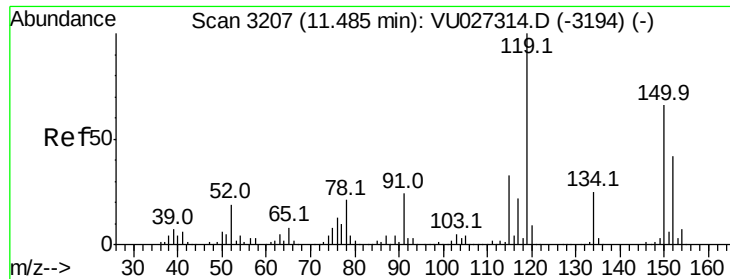


Abundance Ion 116.90 (116.60 to 117.60): VU027314.D (-2449) (-)

Ion 82.00 (81.70 to 82.70): VU027314.D (-2449) (-)

Ion 118.90 (118.60 to 119.60): VU027314.D (-2449) (-)

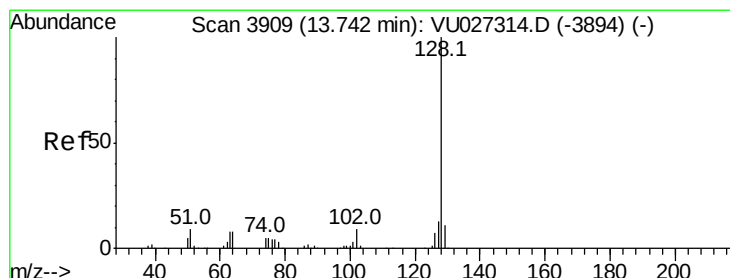
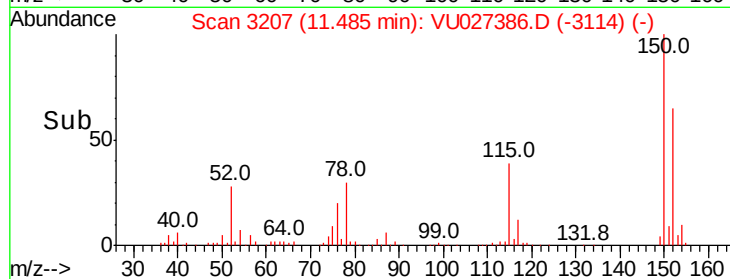
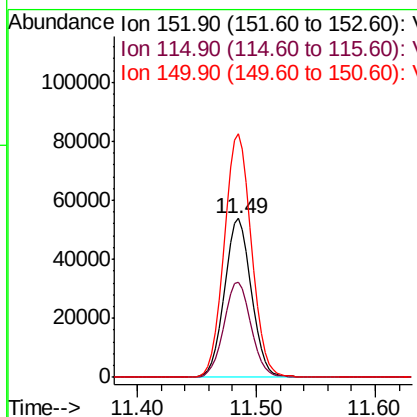
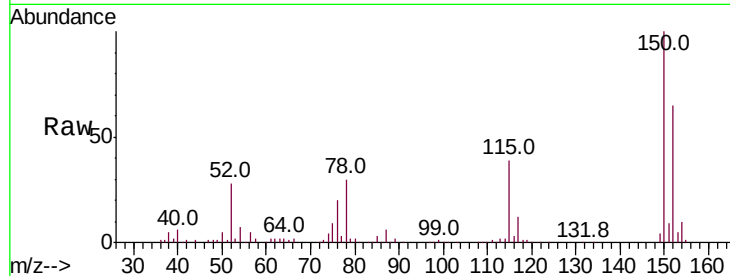




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.49 min Scan# 3207
 Delta R.T. 0.00 min
 Lab File: VU027386.D
 Acq: 04 Oct 2018 03:18

Instrument :
 MSVOA_U
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 229-211-RBR250129

Tot Ion:152 Resp: 84412
 Ion Ratio Lower Upper
 152 100
 115 60.4 43.4 130.2
 150 155.1 0.0 349.2



#95
 Naphthalene
 Concen: 2.689 ug/l
 RT: 13.75 min Scan# 3910
 Delta R.T. 0.00 min
 Lab File: VU027386.D
 Acq: 04 Oct 2018 03:18

Tgt Ion:128 Resp: 6790
 Ion Ratio Lower Upper
 128 100
 127 10.3 10.5 15.7#
 129 9.9 8.6 12.8

