

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
 Data File : VX005104.D
 Acq On : 06 Oct 2018 09:06
 Operator : JC/MD
 Sample : J5179-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T1-GRAVEL

Quant Time: Oct 08 07:25:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

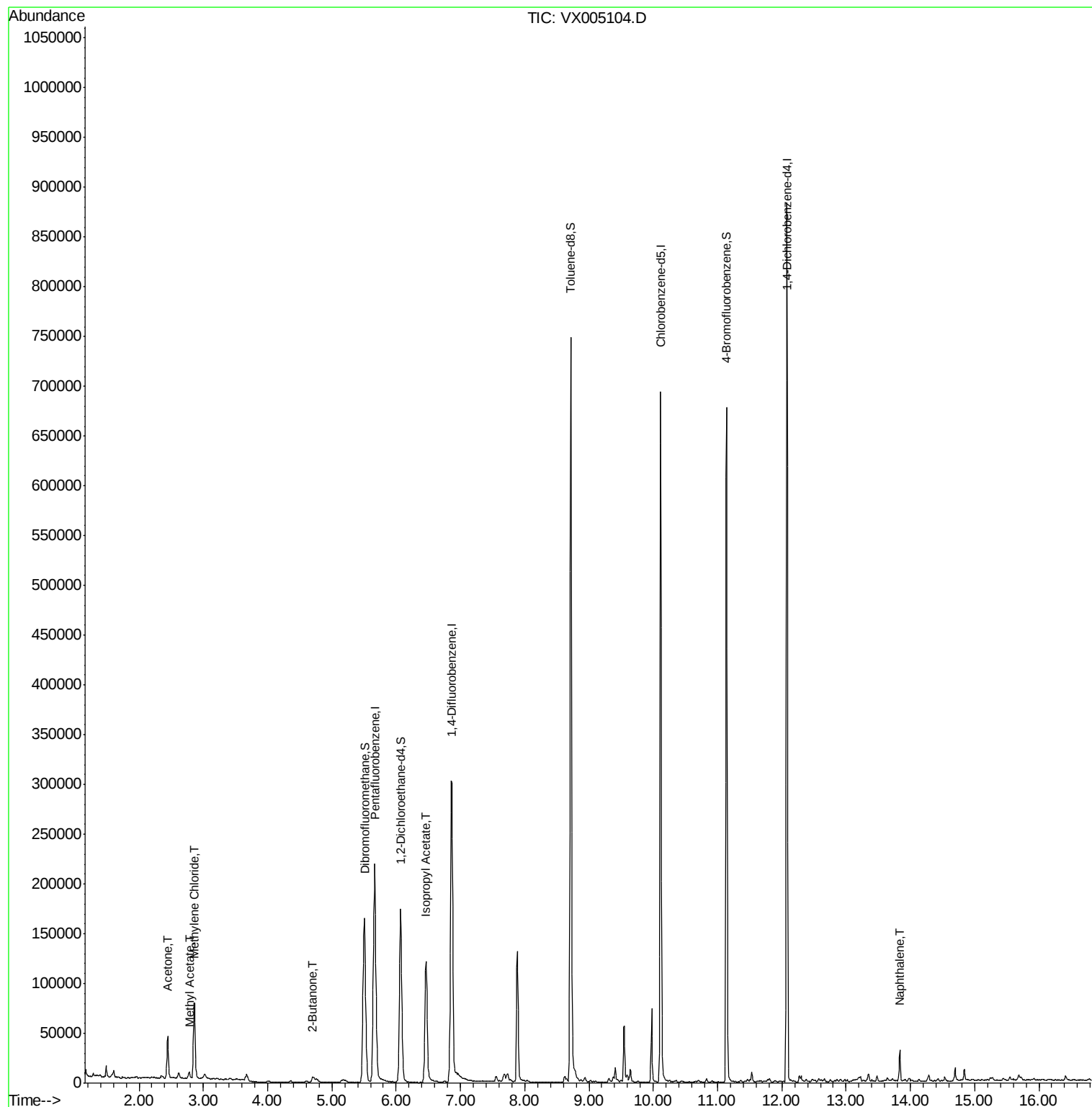
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	224746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	322877	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	325387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181334	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	167588	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
35) Dibromofluoromethane	5.51	113	144017	52.63	ug/l	0.01
Spiked Amount 50.000			Recovery	=	105.26%	
50) Toluene-d8	8.71	98	470009	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	11.14	95	169562	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
Target Compounds						
16) Acetone	2.45	43	41682	22.238	ug/l	97
18) Methyl Acetate	2.78	43	7626	1.606	ug/l	98
20) Methylene Chloride	2.86	84	35138	12.260	ug/l	93
25) 2-Butanone	4.70	43	9400	3.402	ug/l	100
43) Isopropyl Acetate	6.46	43	167539	23.422	ug/l	96
95) Naphthalene	13.83	128	17953	1.893	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100518\
Data File : VX005104.D
Acq On : 06 Oct 2018 09:06
Operator : JC/MD
Sample : J5179-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T1-GRAVEL

Quant Time: Oct 08 07:25:36 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005104.D

Acq: 06 Oct 2018 09:06

Instrument :

MSVOA_X

ClientSampled :

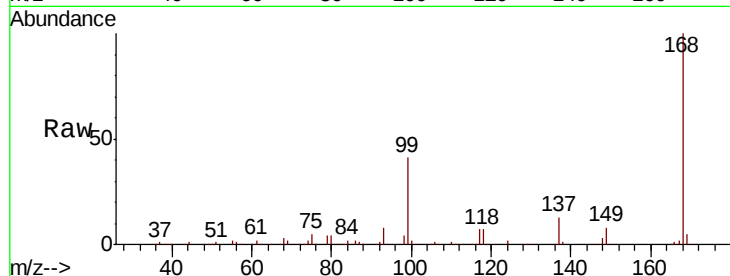
T1-GRAVEL

Tot Ion:168 Resp: 224746

Ion Ratio Lower Upper

168 100

99 41.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

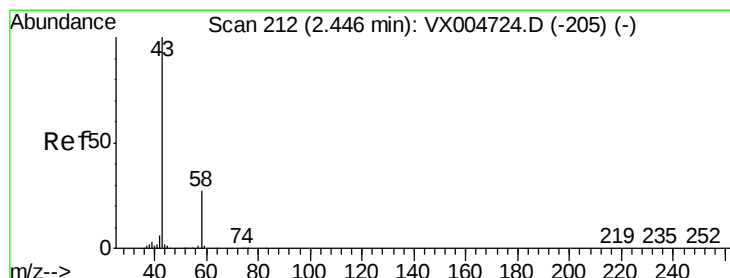
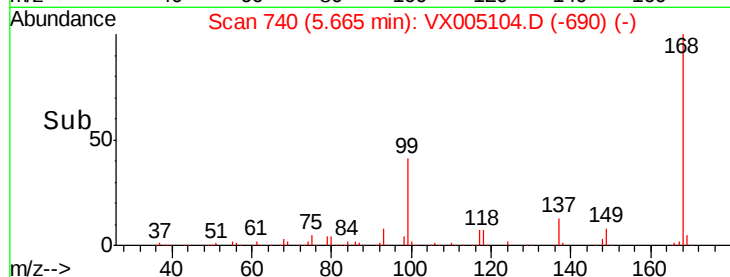
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 22.238 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005104.D

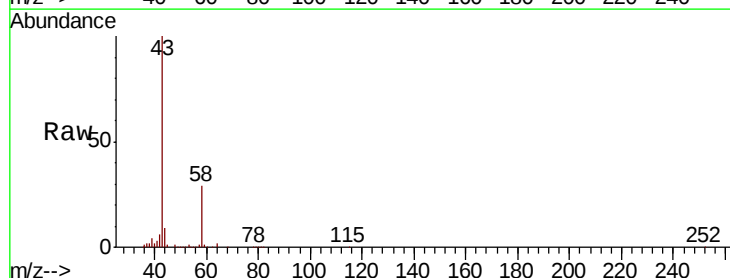
Acq: 06 Oct 2018 09:06

Tgt Ion: 43 Resp: 41682

Ion Ratio Lower Upper

43 100

58 28.7 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

30000

25000

20000

15000

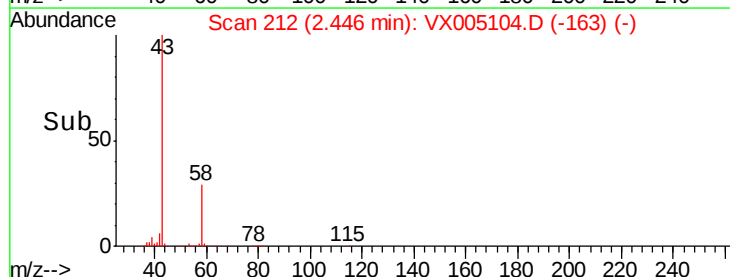
10000

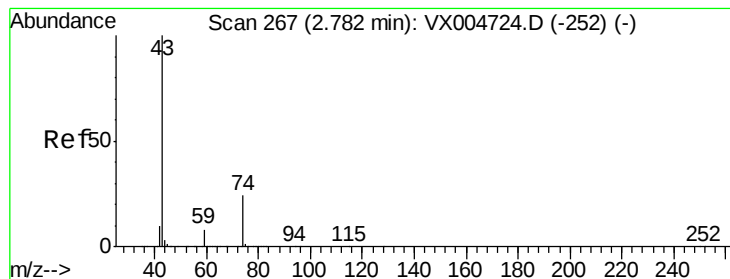
5000

0

Time-->

2.35 2.40 2.45 2.50 2.55





#18

Methvl Acetate

Concen: 1.606 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005104.D

Acq: 06 Oct 2018 09:06

Instrument :

MSVOA_X

ClientSampleId :

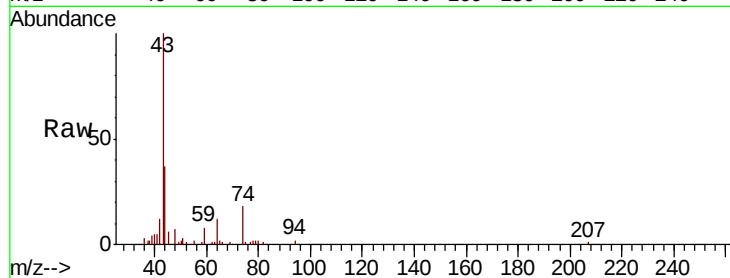
T1-GRAVEL

Tot Ion: 43 Resp: 7626

Ion Ratio Lower Upper

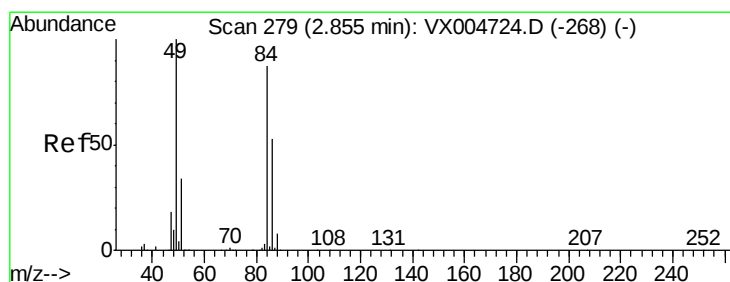
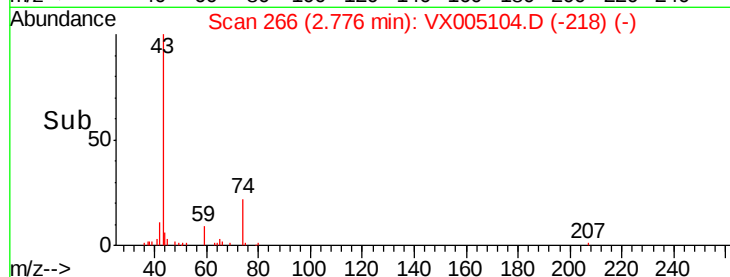
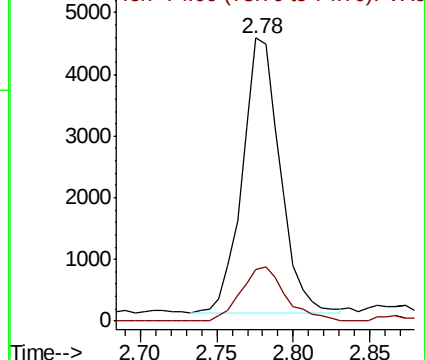
43 100

74 23.1 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 12.260 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX005104.D

Acq: 06 Oct 2018 09:06

Tgt Ion: 84 Resp: 35138

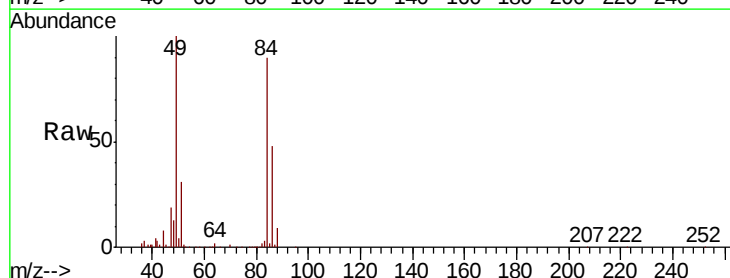
Ion Ratio Lower Upper

84 100

49 110.4 92.3 138.5

51 34.2 31.8 47.6

86 53.4 48.5 72.7

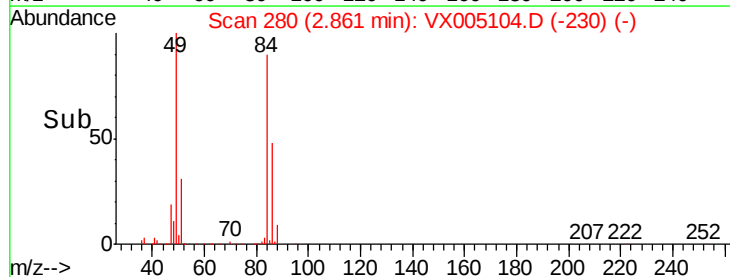
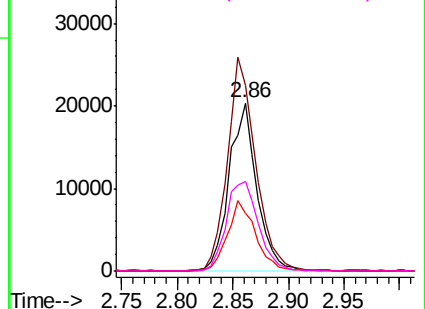


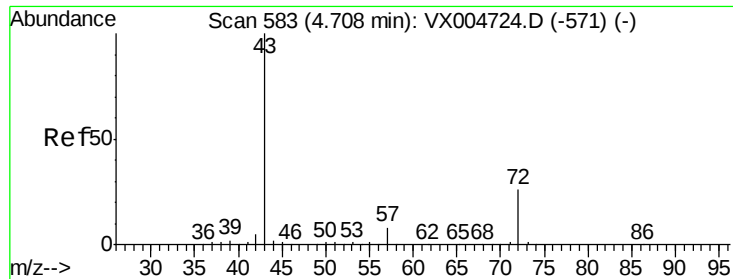
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#25

2-Butanone

Concen: 3.402 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005104.D

Acq: 06 Oct 2018 09:06

Instrument :

MSVOA_X

ClientSampleId :

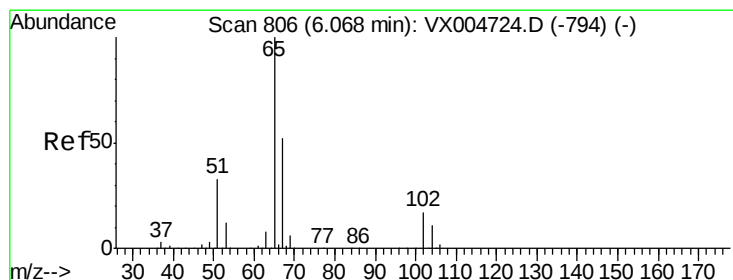
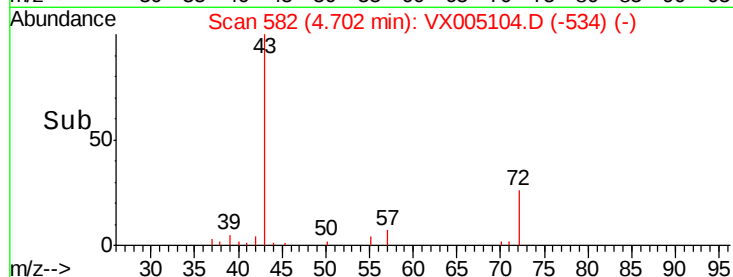
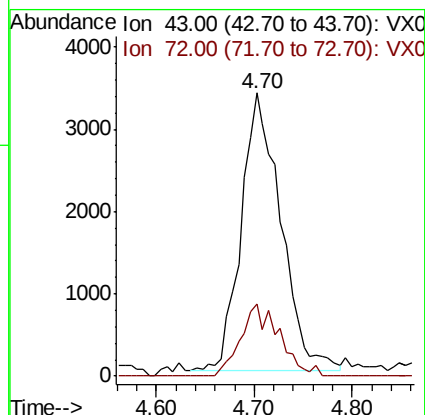
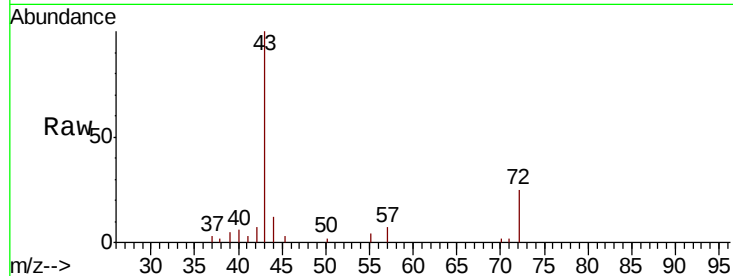
T1-GRAVEL

Tot Ion: 43 Resp: 9400

Ion Ratio Lower Upper

43 100

72 25.9 20.8 31.2



#33

1,2-Dichloroethane-d4

Concen: 52.200 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX005104.D

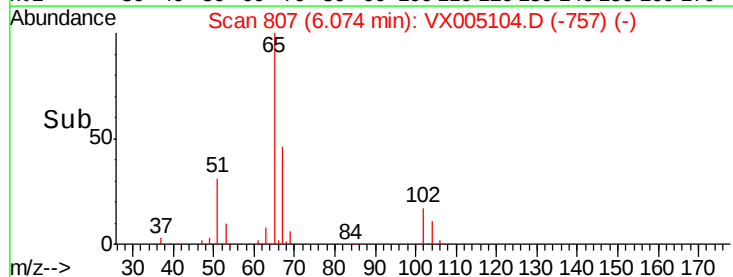
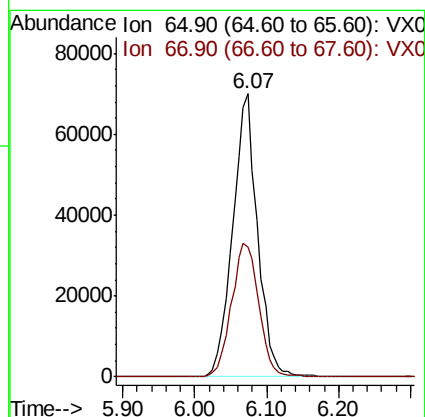
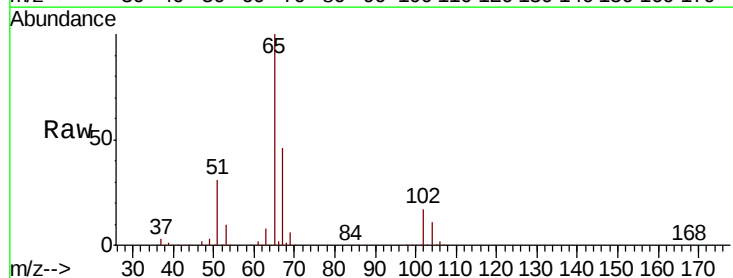
Acq: 06 Oct 2018 09:06

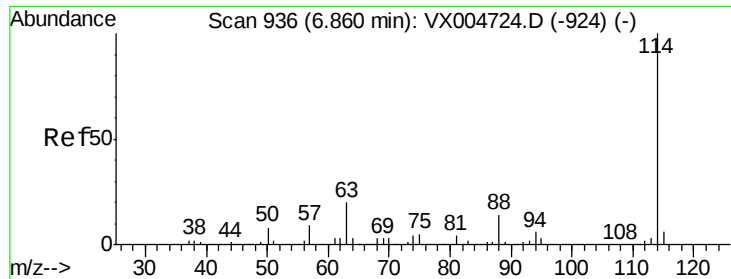
Tgt Ion: 65 Resp: 167588

Ion Ratio Lower Upper

65 100

67 51.8 0.0 107.4

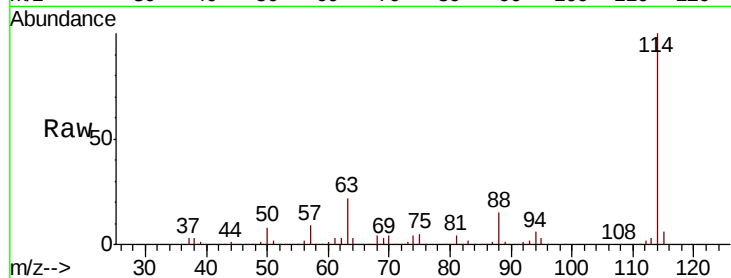




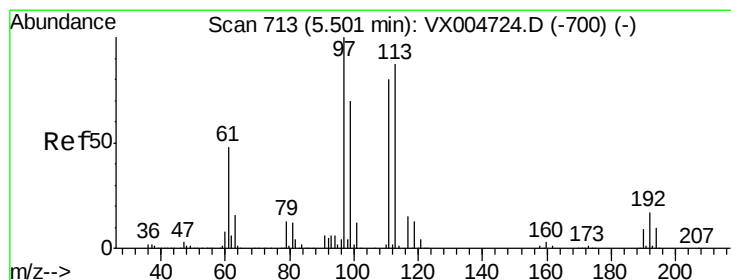
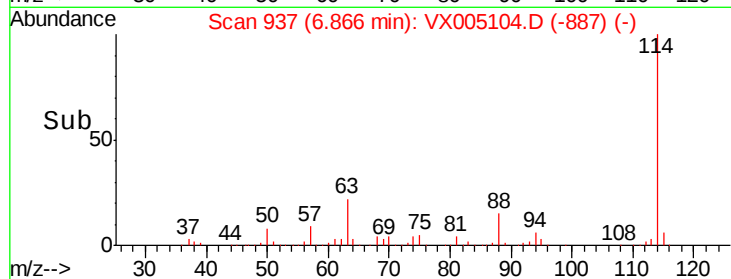
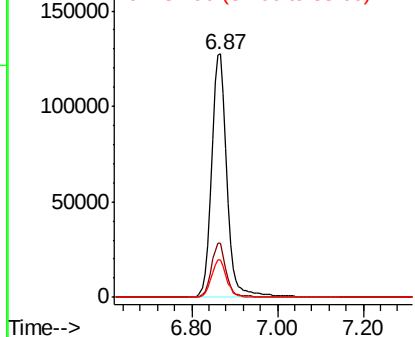
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX005104.D
Acq: 06 Oct 2018 09:06

Instrument :
MSVOA_X
ClientSampleId :
T1-GRAVEL

Tot Ion:114 Resp: 322877
Ion Ratio Lower Upper
114 100
63 22.2 0.0 39.8
88 15.4 0.0 27.0

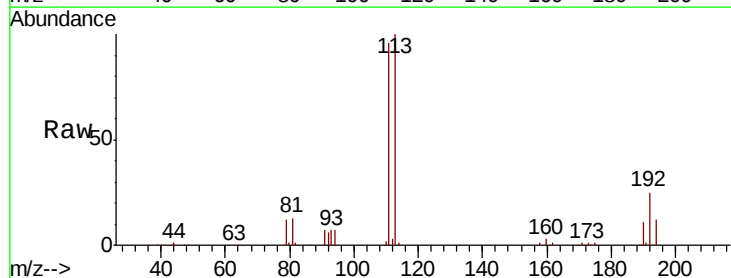


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

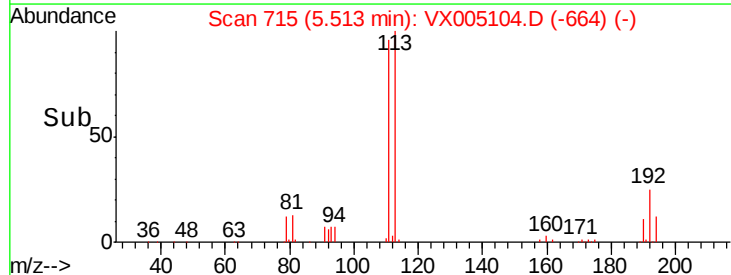
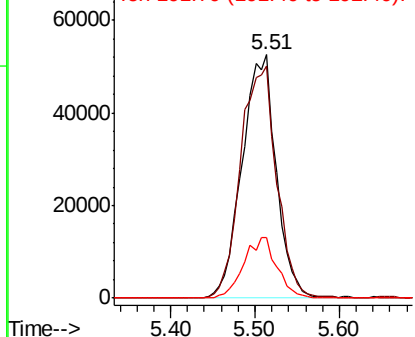


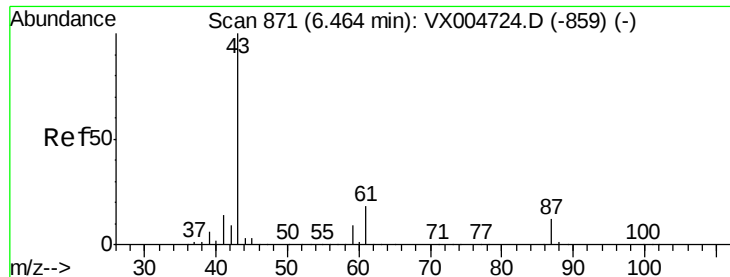
#35
Dibromofluoromethane
Concen: 52.630 ug/l
RT: 5.51 min Scan# 715
Delta R.T. 0.01 min
Lab File: VX005104.D
Acq: 06 Oct 2018 09:06

Tgt Ion:113 Resp: 144017
Ion Ratio Lower Upper
113 100
111 100.9 77.0 115.4
192 24.4 17.0 25.6



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: 23.422 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005104.D

Acq: 06 Oct 2018 09:06

Instrument :

MSVOA_X

ClientSampleId :

T1-GRAVEL

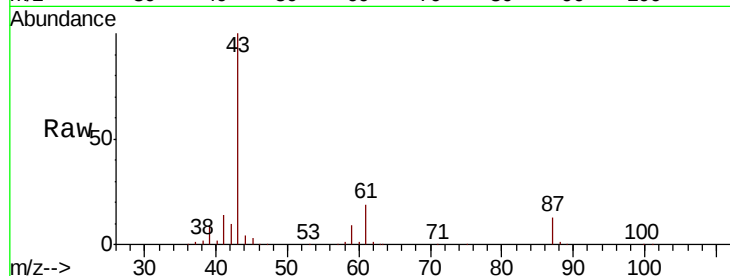
Tot Ion: 43 Resp: 167539

Ion Ratio Lower Upper

43 100

61 19.9 14.2 21.4

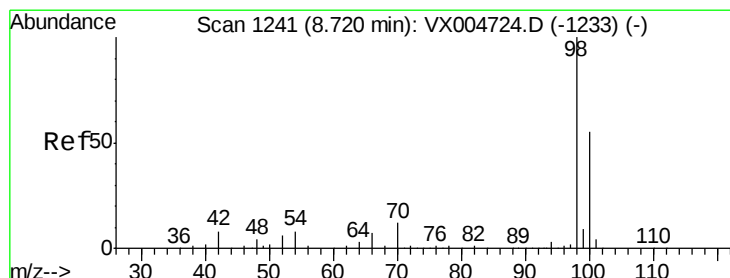
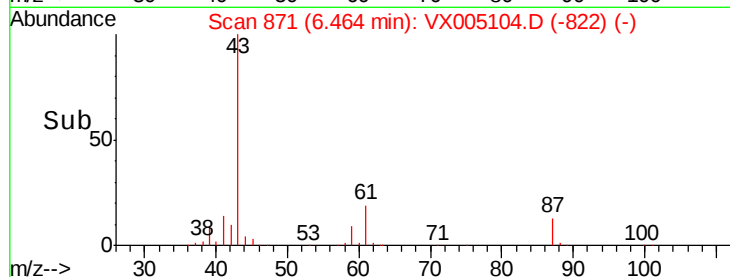
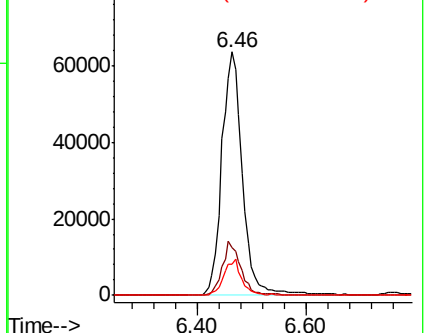
87 12.6 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 51.665 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX005104.D

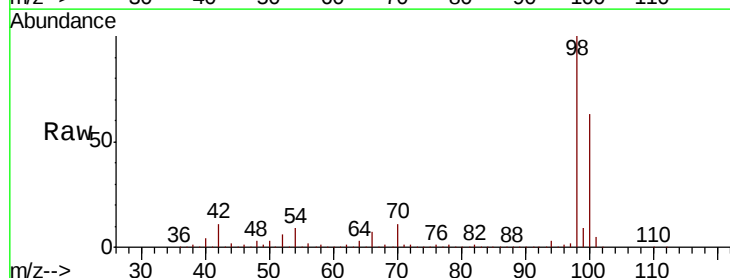
Acq: 06 Oct 2018 09:06

Tgt Ion: 98 Resp: 470009

Ion Ratio Lower Upper

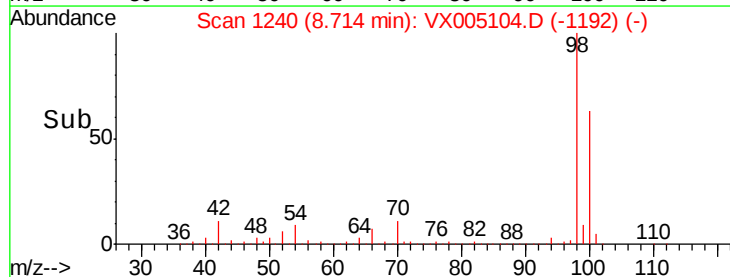
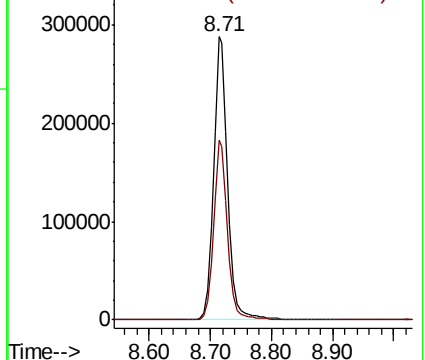
98 100

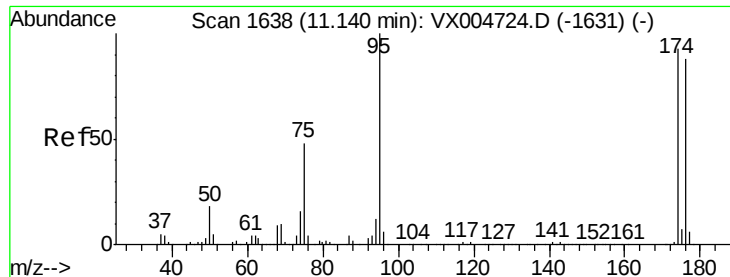
100 63.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 51.738 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005104.D

Acq: 06 Oct 2018 09:06

Instrument :

MSVOA_X

ClientSampleId :

T1-GRAVEL

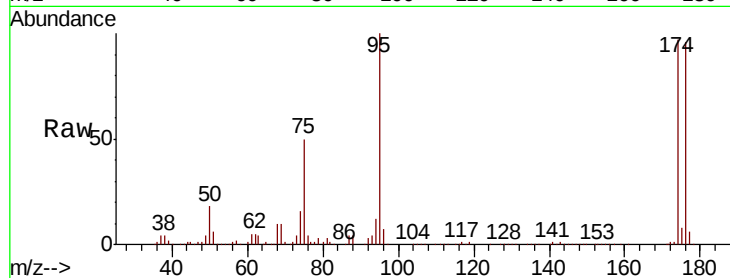
Tot Ion: 95 Resp: 169562

Ion Ratio Lower Upper

95 100

174 93.8 0.0 185.0

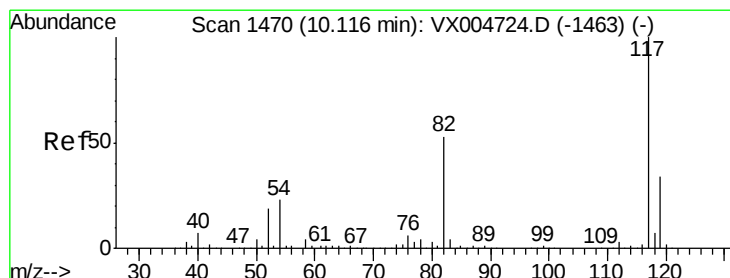
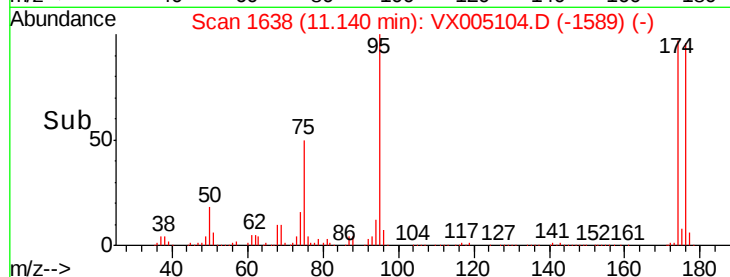
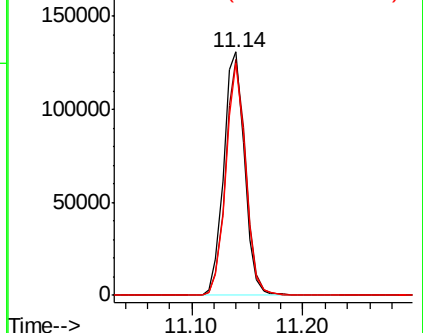
176 90.0 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005104.D

Acq: 06 Oct 2018 09:06

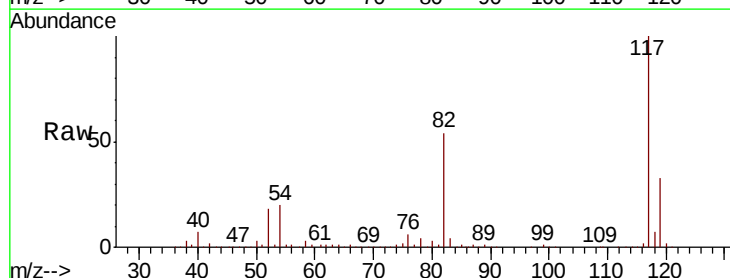
Tgt Ion: 117 Resp: 325387

Ion Ratio Lower Upper

117 100

82 54.1 42.2 63.4

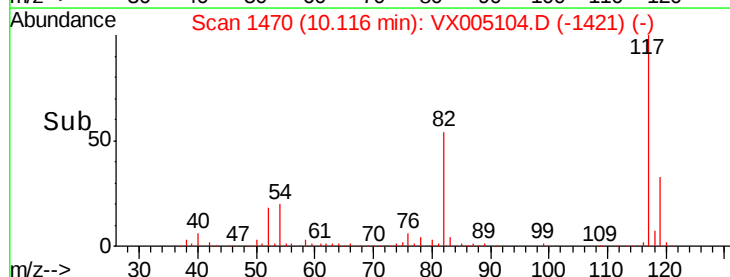
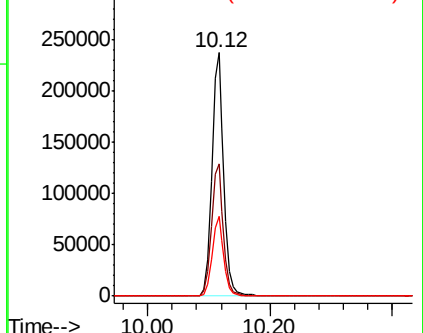
119 32.6 27.4 41.0

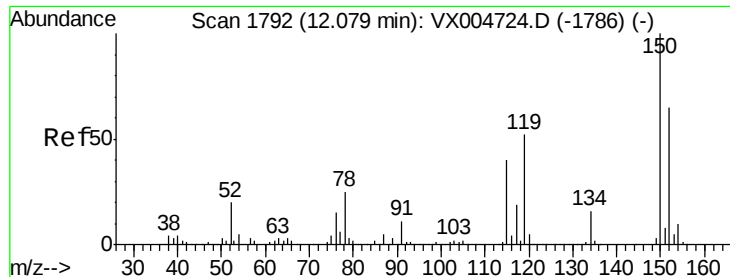


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



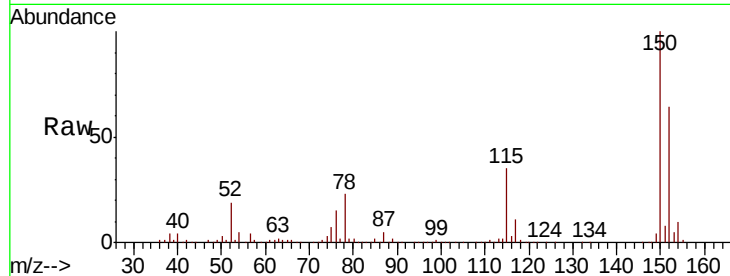


#72

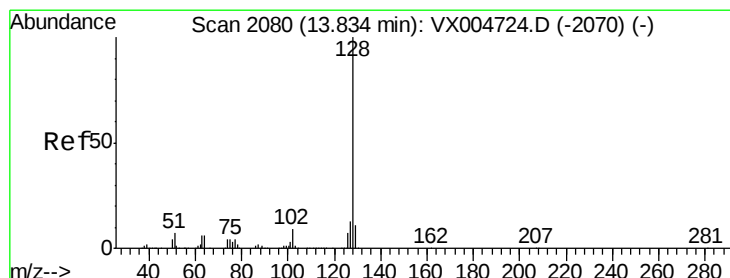
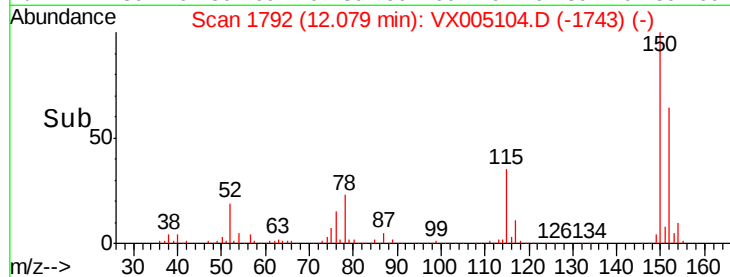
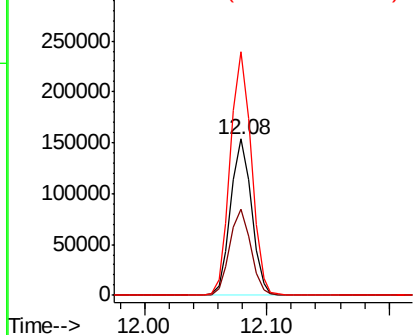
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005104.D
Acq: 06 Oct 2018 09:06

Instrument :
MSVOA_X
ClientSampleId :
T1-GRAVEL

Tot Ion:152 Resp: 181334
Ion Ratio Lower Upper
152 100
115 55.5 40.2 120.6
150 156.5 0.0 351.0



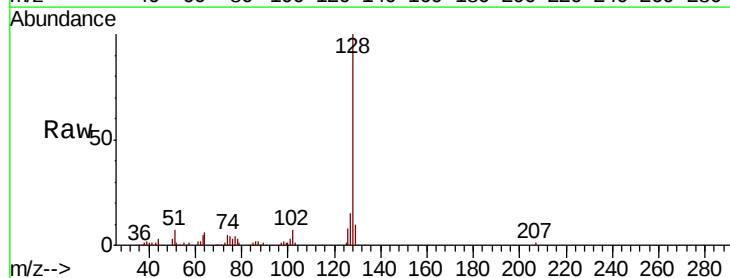
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 1.893 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005104.D
Acq: 06 Oct 2018 09:06

Tgt Ion:128 Resp: 17953
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

