

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071318\
 Data File : VX003379.D
 Acq On : 13 Jul 2018 23:21
 Operator : JC/MD
 Sample : J3966-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 72-11977

Quant Time: Jul 14 03:26:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 13 17:01:02 2018
 Response via : Initial Calibration

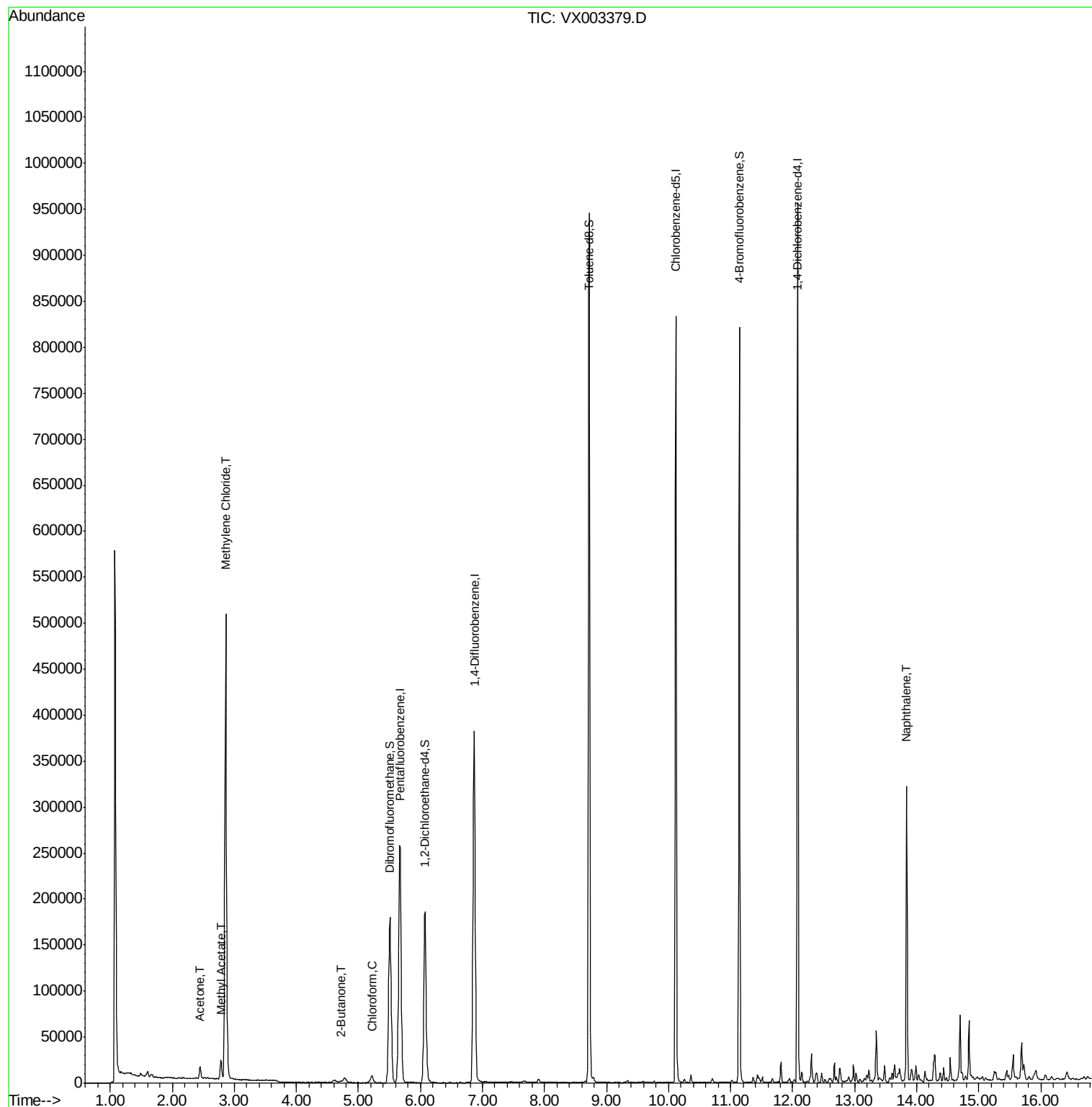
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	269908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	399366	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	373260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204913	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	176062	59.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.76%	
35) Dibromofluoromethane	5.51	113	152375	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
50) Toluene-d8	8.72	98	570570	59.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.00%	
62) 4-Bromofluorobenzene	11.14	95	199911	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
Target Compounds						
16) Acetone	2.45	43	14302	9.44	ug/l #	82
18) Methyl Acetate	2.78	43	25475	5.42	ug/l	92
20) Methylene Chloride	2.86	84	242781	75.96	ug/l	92
25) 2-Butanone	4.71	43	3199	1.36	ug/l #	90
30) Chloroform	5.21	83	8691	1.49	ug/l	96
95) Naphthalene	13.83	128	201891	14.08	ug/l	100

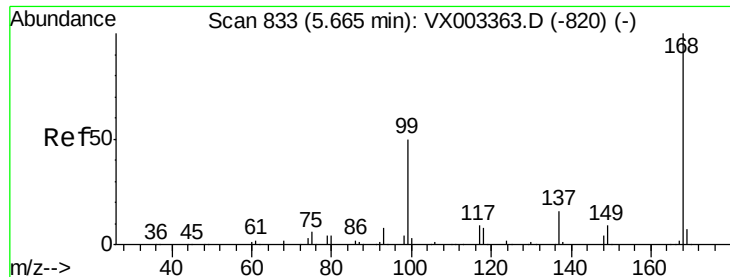
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003379.D

Acq: 13 Jul 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

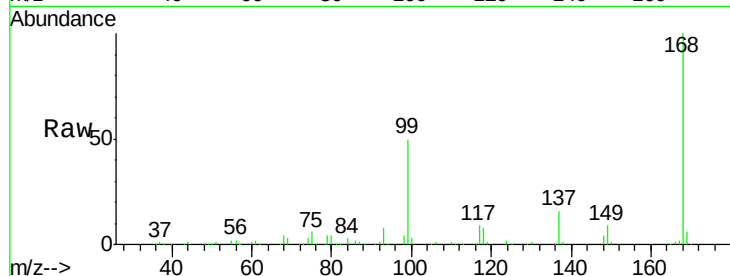
72-11977

Tot Ion:168 Resp: 269908

Ion Ratio Lower Upper

168 100

99 49.6 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

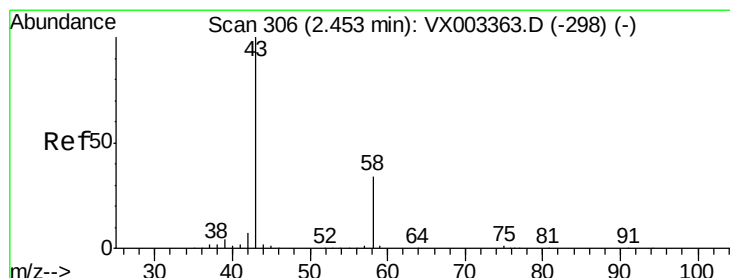
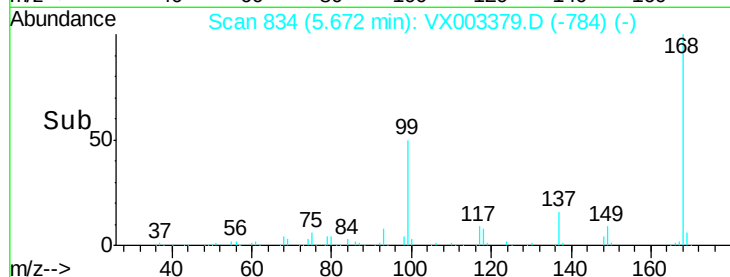
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.44 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003379.D

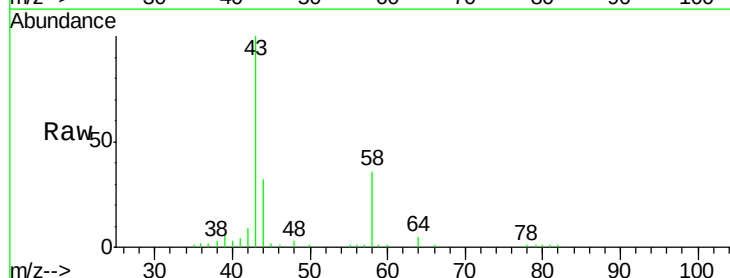
Acq: 13 Jul 2018 23:21

Tgt Ion: 43 Resp: 14302

Ion Ratio Lower Upper

43 100

58 36.8 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

10000

8000

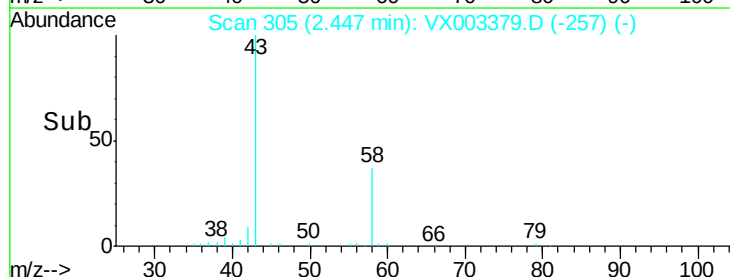
6000

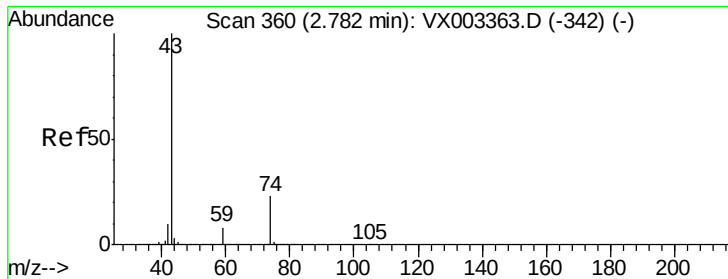
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55

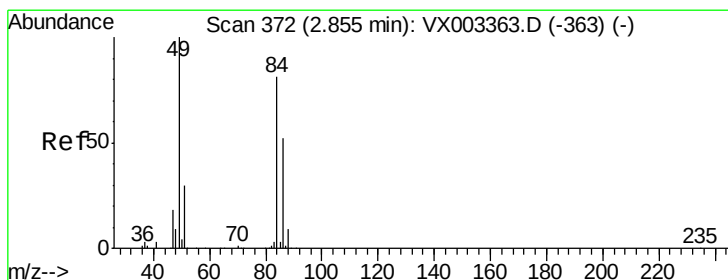
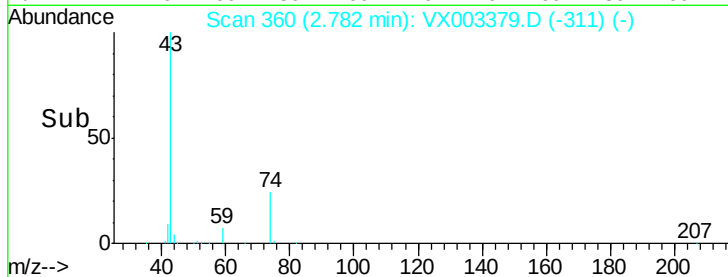
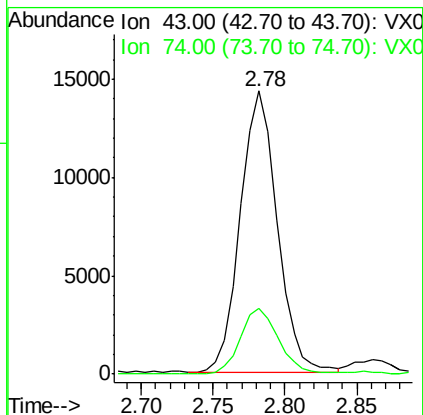
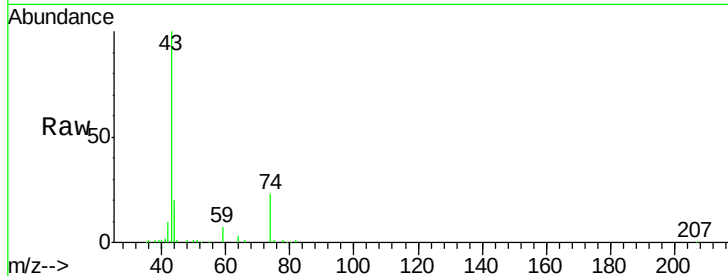




#18
Methyl Acetate
Concen: 5.42 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003379.D
Acq: 13 Jul 2018 23:21

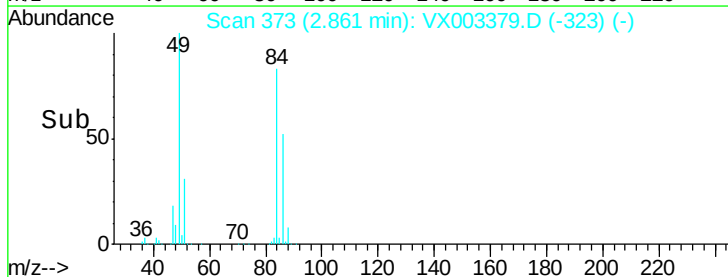
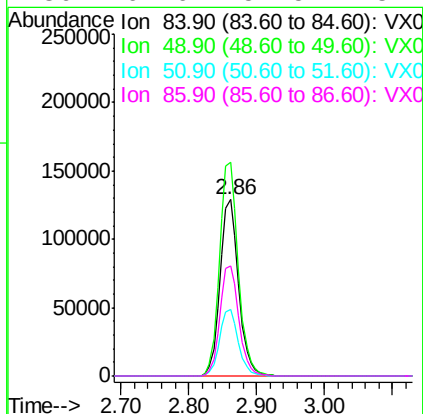
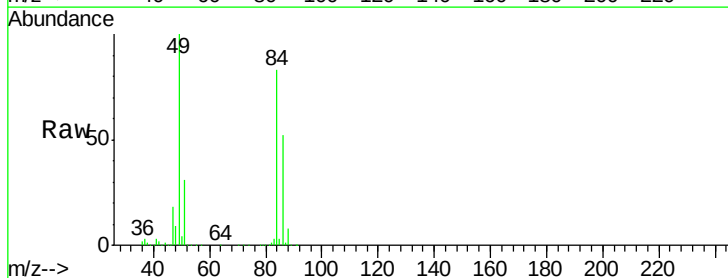
Instrument :
MSVOA_X
ClientSampleId :
72-11977

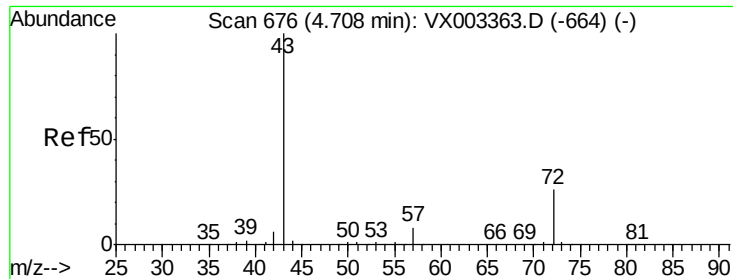
Tot Ion: 43 Resp: 25475
Ion Ratio Lower Upper
43 100
74 24.4 16.7 25.1



#20
Methylene Chloride
Concen: 75.96 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003379.D
Acq: 13 Jul 2018 23:21

Tgt Ion: 84 Resp: 242781
Ion Ratio Lower Upper
84 100
49 121.0 107.8 161.6
51 37.6 32.8 49.2
86 62.6 52.5 78.7





#25

2-Butanone

Concen: 1.36 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003379.D

Acq: 13 Jul 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

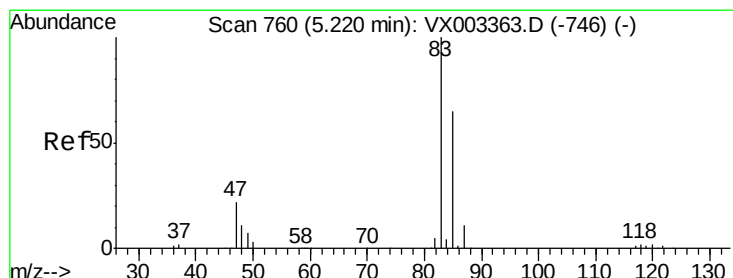
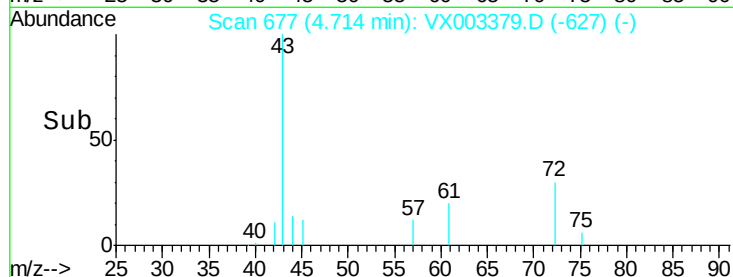
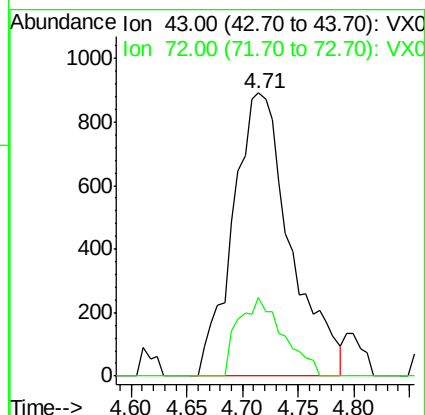
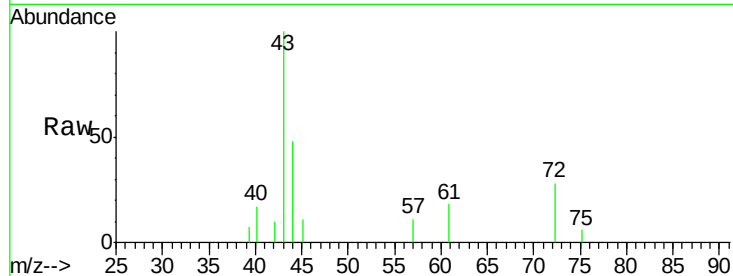
72-11977

Tot Ion: 43 Resp: 3199

Ion Ratio Lower Upper

43 100

72 27.9 18.5 27.7#



#30

Chloroform

Concen: 1.49 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX003379.D

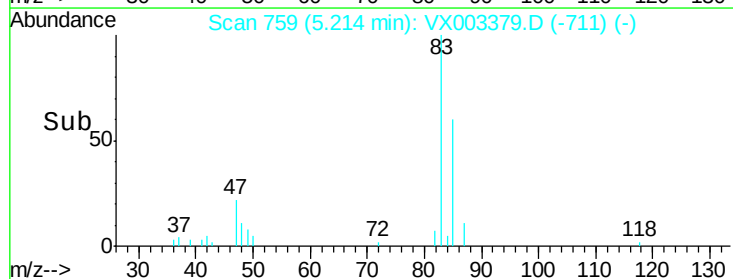
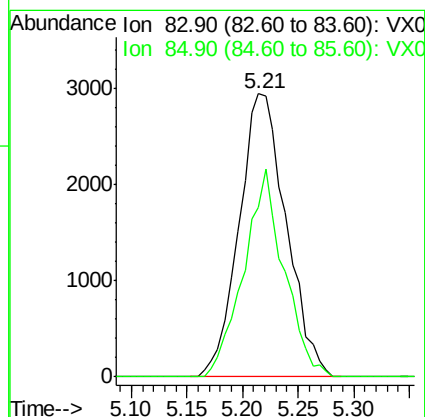
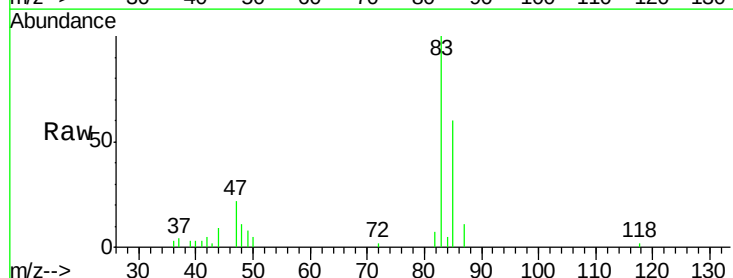
Acq: 13 Jul 2018 23:21

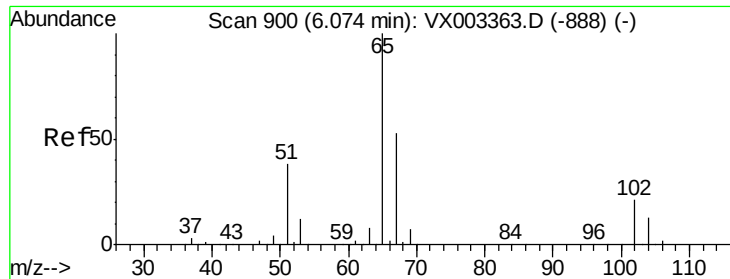
Tgt Ion: 83 Resp: 8691

Ion Ratio Lower Upper

83 100

85 59.8 50.4 75.6

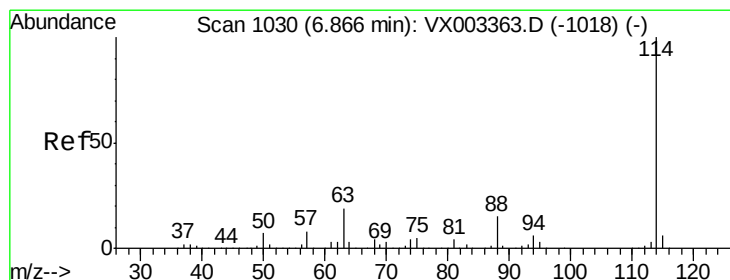
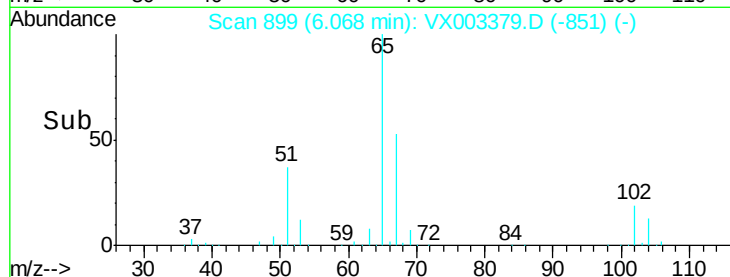
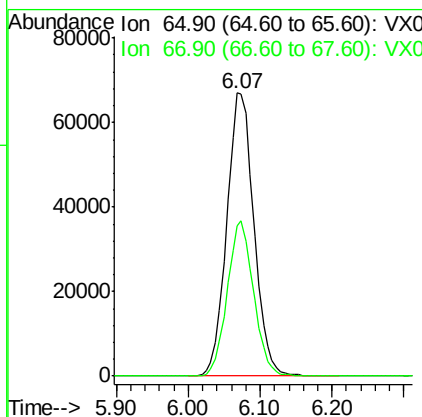
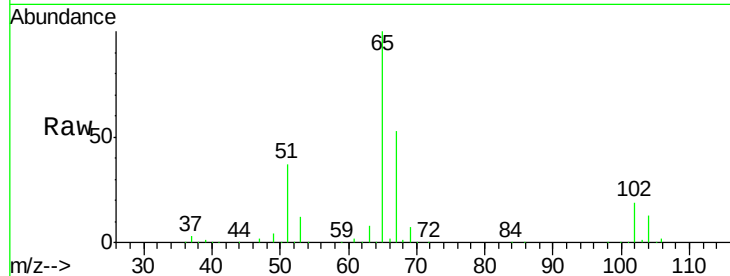




#33
 1,2-Dichloroethane-d4
 Concen: 59.88 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003379.D
 Acq: 13 Jul 2018 23:21

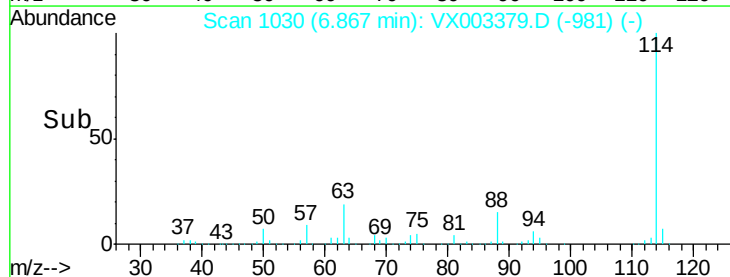
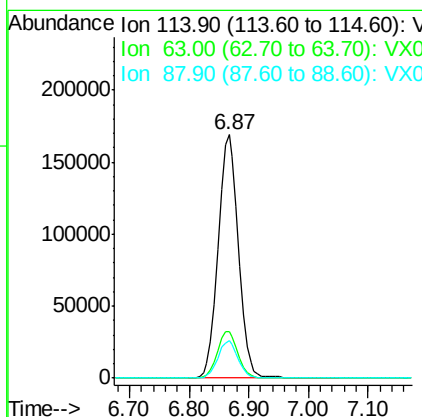
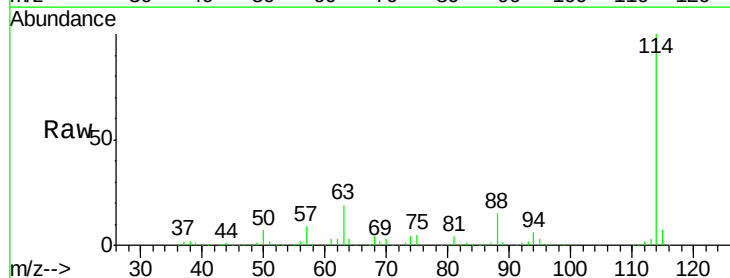
Instrument :
 MSVOA_X
 ClientSampleId :
 72-11977

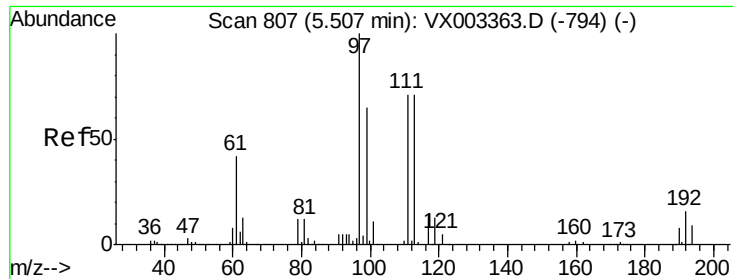
Tot Ion: 65 Resp: 176062
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003379.D
 Acq: 13 Jul 2018 23:21

Tgt Ion: 114 Resp: 399366
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 41.4
 88 15.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 51.84 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003379.D

Acq: 13 Jul 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

72-11977

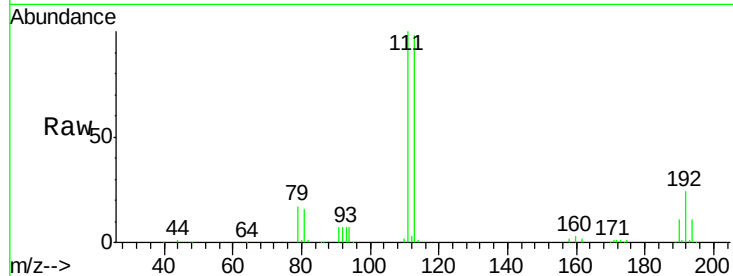
Tot Ion:113 Resp: 152375

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

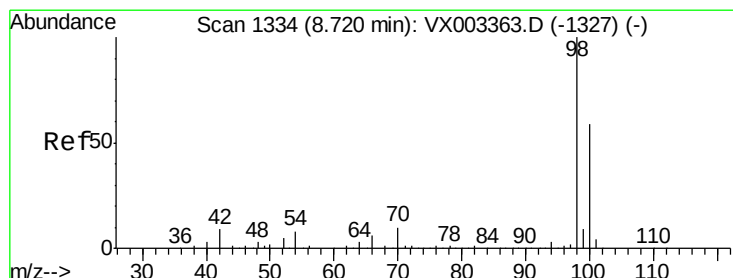
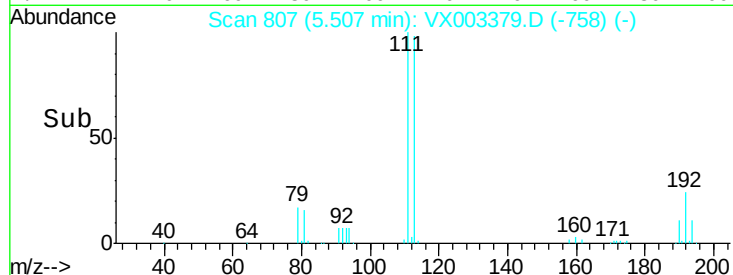
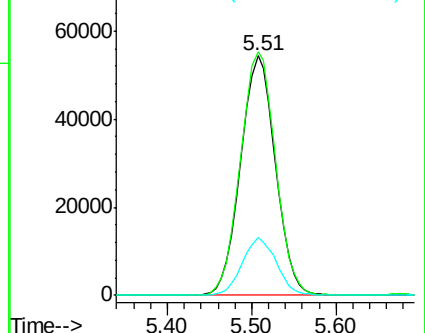
192 23.5 19.1 28.7



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: 59.50 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003379.D

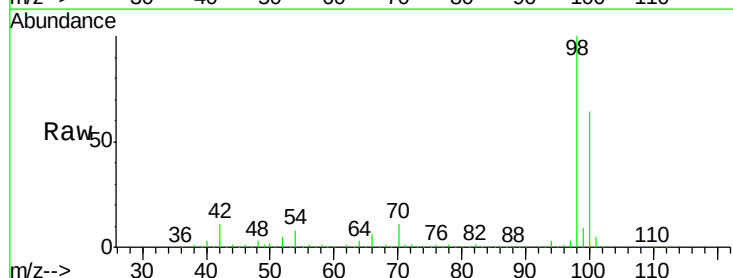
Acq: 13 Jul 2018 23:21

Tgt Ion: 98 Resp: 570570

Ion Ratio Lower Upper

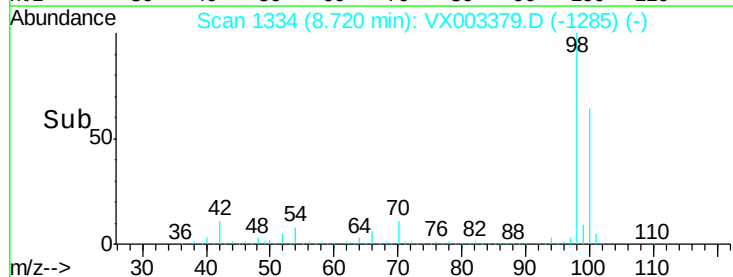
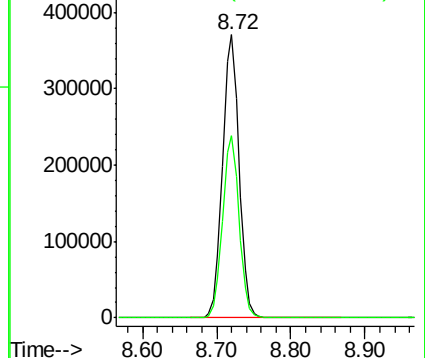
98 100

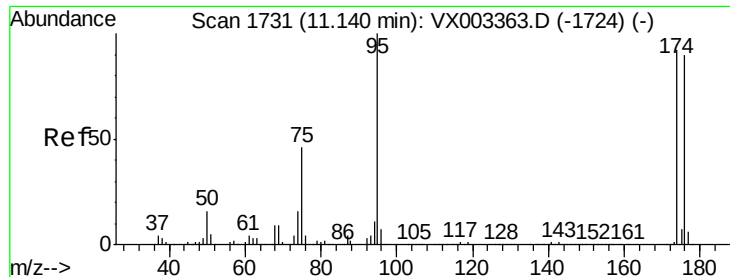
100 64.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.84 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003379.D

Acq: 13 Jul 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

72-11977

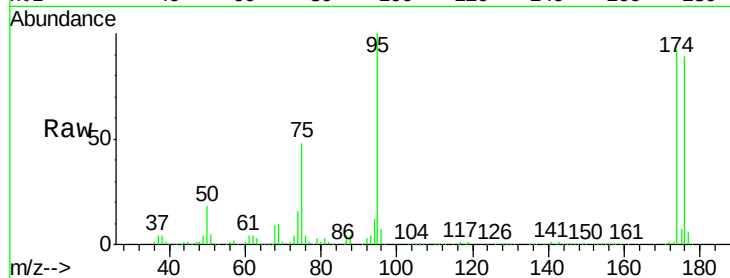
Tot Ion: 95 Resp: 199911

Ion Ratio Lower Upper

95 100

174 92.4 0.0 187.4

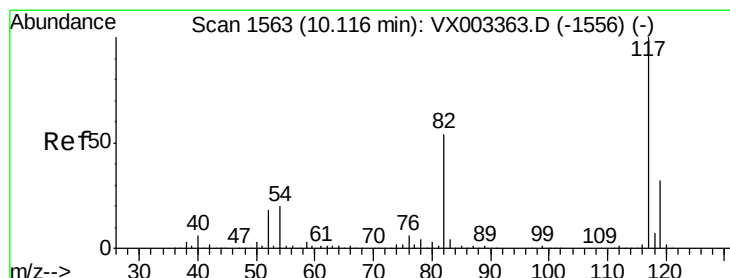
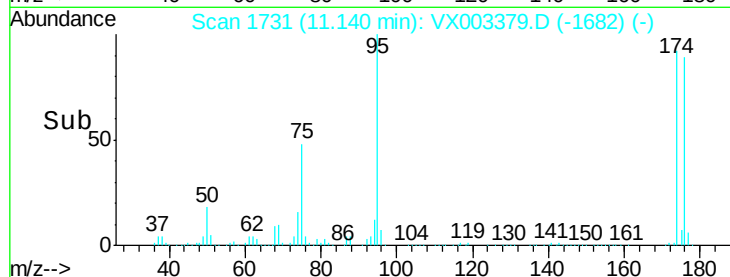
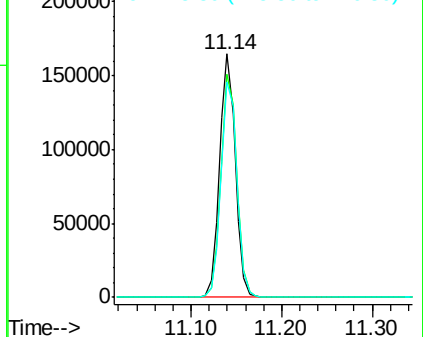
176 90.1 0.0 181.0



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: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003379.D

Acq: 13 Jul 2018 23:21

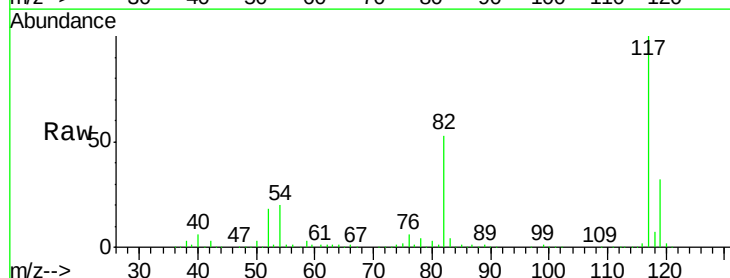
Tgt Ion: 117 Resp: 373260

Ion Ratio Lower Upper

117 100

82 53.4 45.0 67.4

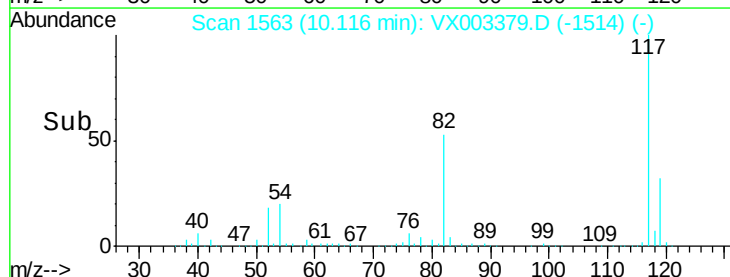
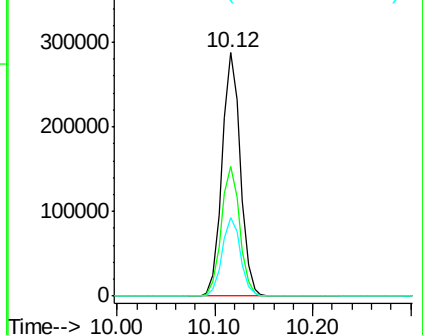
119 32.2 25.8 38.6

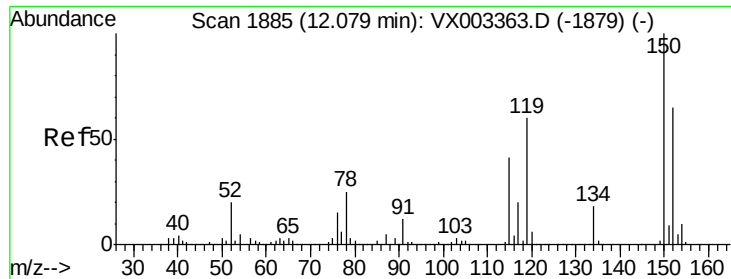


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003379.D

Acq: 13 Jul 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

72-11977

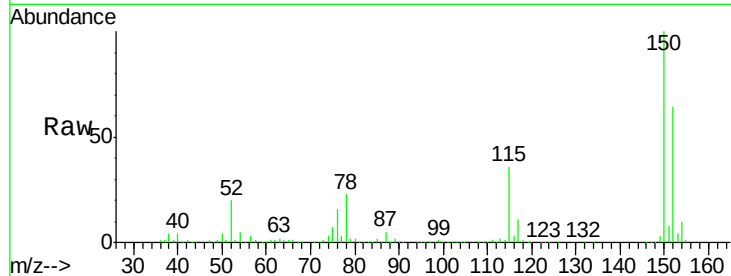
Tot Ion:152 Resp: 204913

Ion Ratio Lower Upper

152 100

115 55.5 40.1 120.2

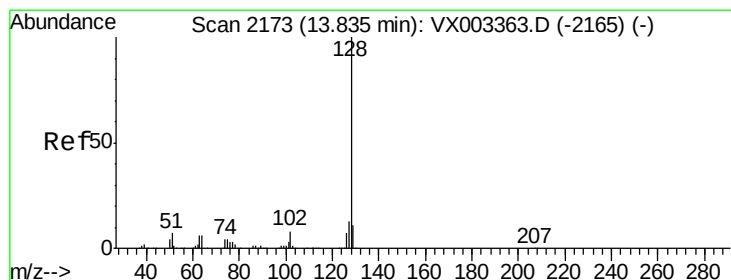
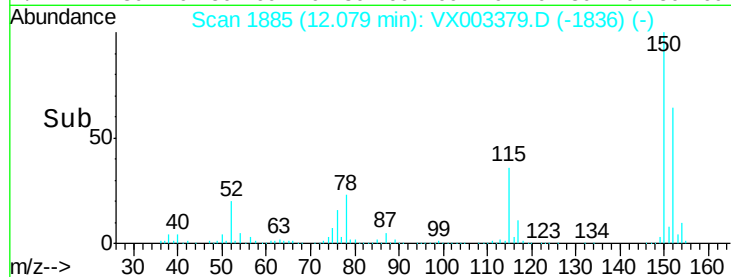
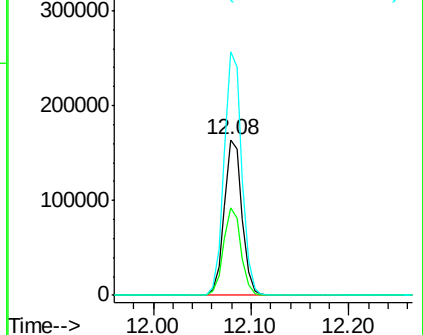
150 156.3 0.0 347.2



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



#95

Naphthalene

Concen: 14.08 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003379.D

Acq: 13 Jul 2018 23:21

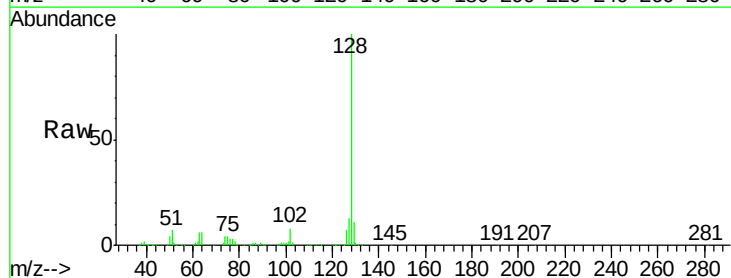
Tgt Ion:128 Resp: 201891

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.1 8.6 13.0



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

