

Data File : VX002899.D
Acq On : 26 Jun 2018 16:09
Operator : JC/MD
Sample : J3570-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
20180375-COMPOSITE-CS-1A-ELU

Quant Time: Jul 02 04:04:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

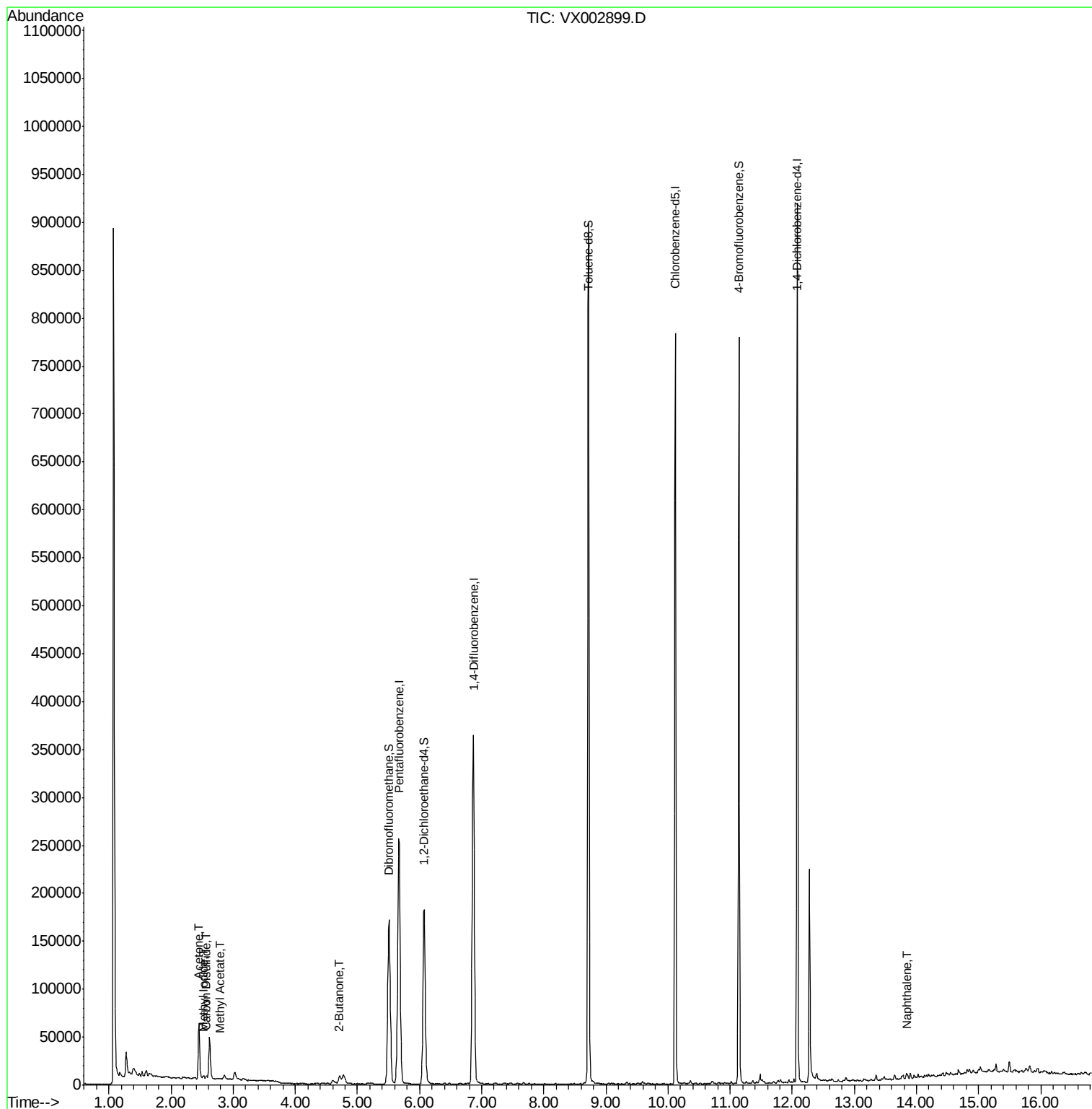
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	255345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	365086	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	337863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190940	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	178549	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
35) Dibromofluoromethane	5.51	113	141114	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
50) Toluene-d8	8.72	98	513935	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
62) 4-Bromofluorobenzene	11.14	95	181017	44.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.92%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.52	142	3712	7.361	ug/l #	94
16) Acetone	2.45	43	62096	42.484	ug/l	100
17) Carbon Disulfide	2.57	76	4047	0.603	ug/l #	95
18) Methyl Acetate	2.78	43	1572	0.385	ug/l #	88
25) 2-Butanone	4.71	43	14150	6.523	ug/l	96
95) Naphthalene	13.84	128	3218	0.246	ug/l #	91

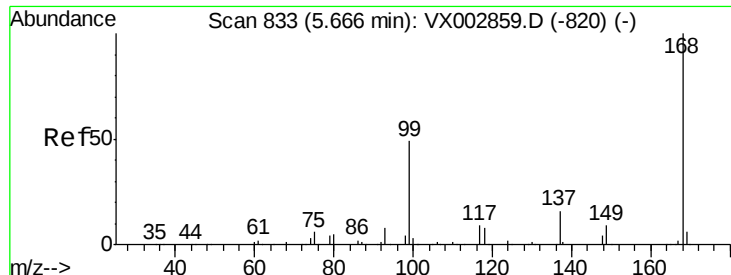
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

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Acq: 26 Jun 2018 16:09

Instrument :

MSVOA_X

ClientSampleId :

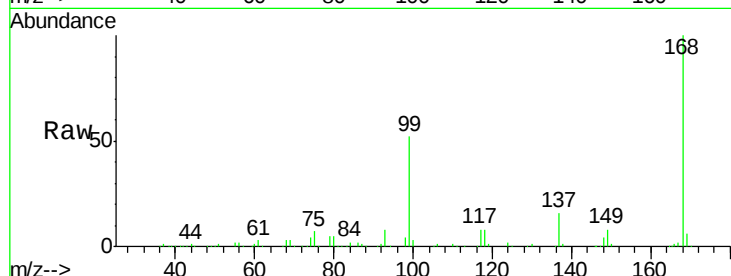
20180375-COMPOSITE-CS-1A-ELU

Tgt Ion:168 Resp: 255345

Ion Ratio Lower Upper

168 100

99 51.7 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

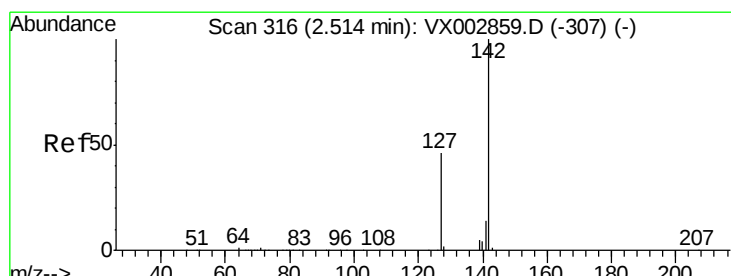
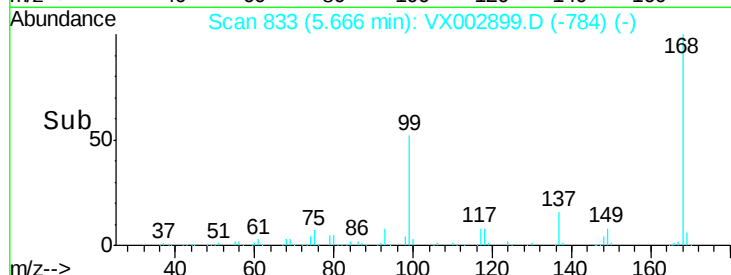
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 7.361 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002899.D

Acq: 26 Jun 2018 16:09

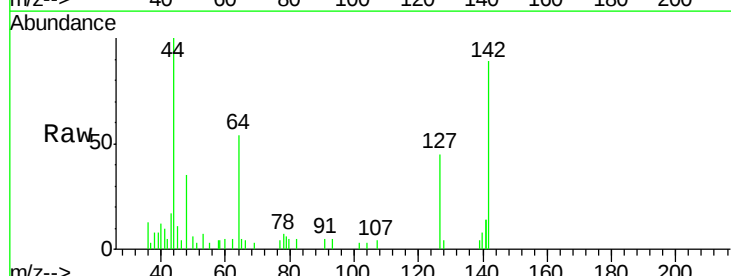
Tgt Ion:142 Resp: 3712

Ion Ratio Lower Upper

142 100

127 48.9 36.6 55.0

141 18.7 11.3 16.9#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2000

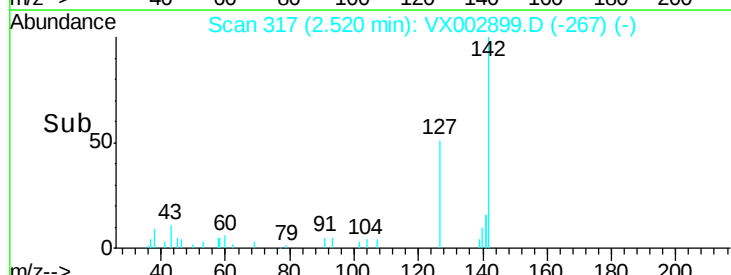
1500

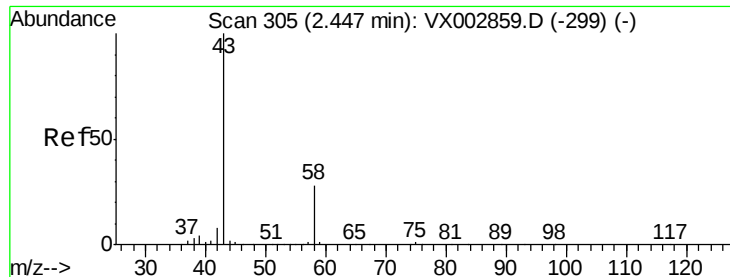
1000

500

0

Time--> 2.45 2.50 2.55 2.60





#16

Acetone

Concen: 42.484 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX002899.D

Acq: 26 Jun 2018 16:09

Instrument :

MSVOA_X

ClientSampleId :

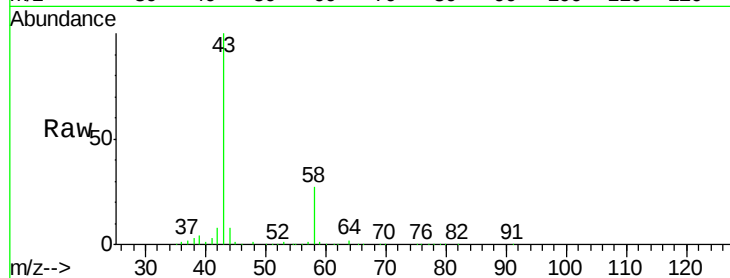
20180375-COMPOSITE-CS-1A-ELU

Tgt Ion: 43 Resp: 62096

Ion Ratio Lower Upper

43 100

58 27.5 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

40000

30000

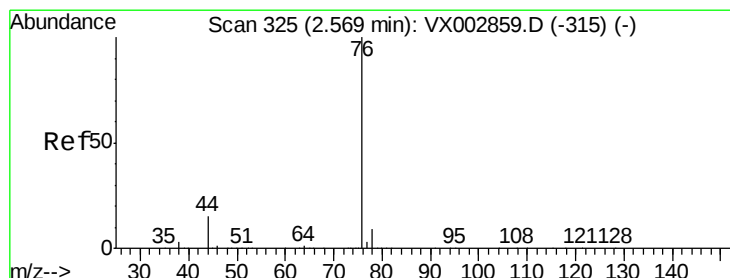
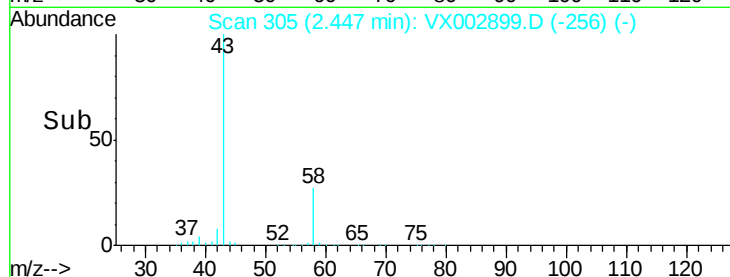
20000

10000

0

Time-->

2.40 2.45 2.50



#17

Carbon Disulfide

Concen: 0.603 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002899.D

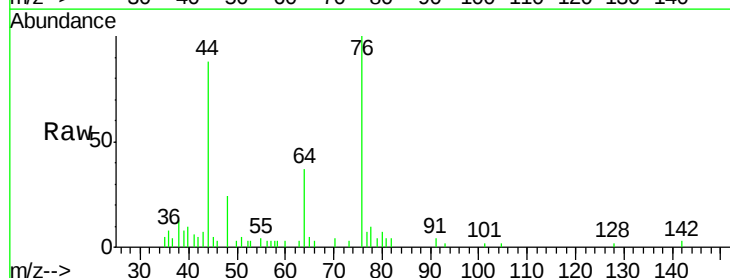
Acq: 26 Jun 2018 16:09

Tgt Ion: 76 Resp: 4047

Ion Ratio Lower Upper

76 100

78 6.6 6.9 10.3#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

2500

2000

1500

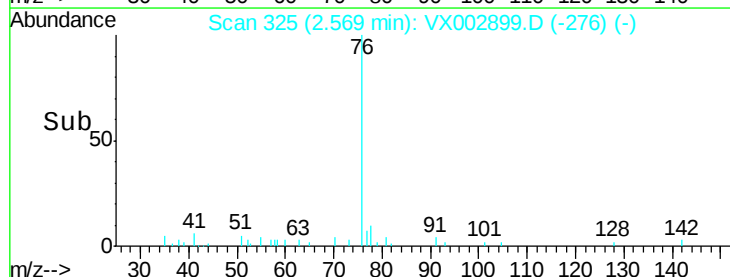
1000

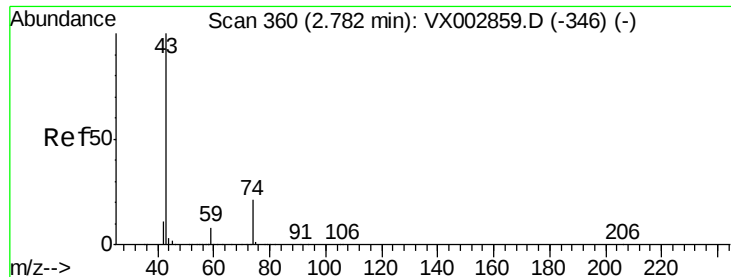
500

0

Time-->

2.50 2.55 2.60 2.65

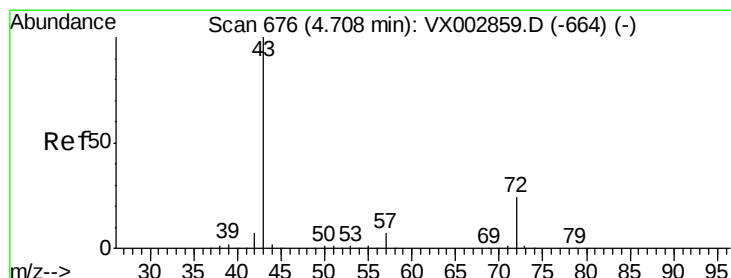
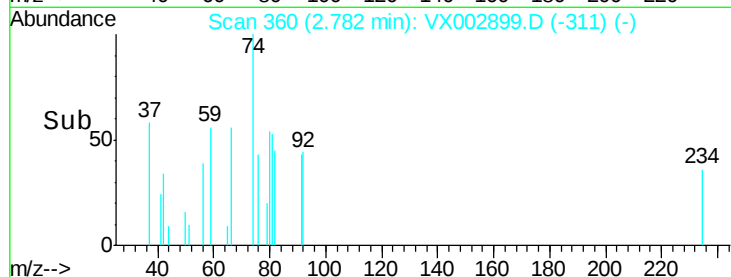
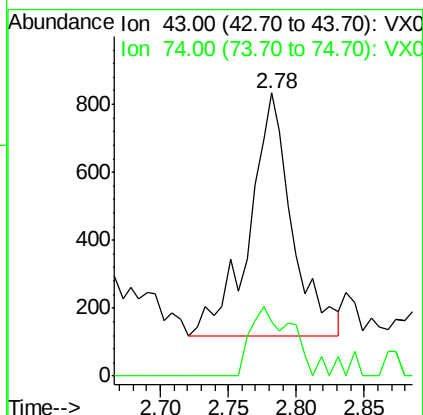
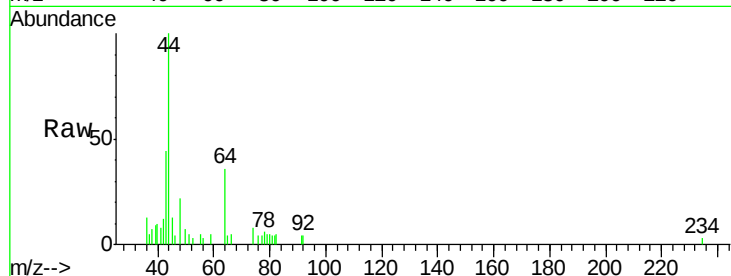




#18
Methyl Acetate
Concen: 0.385 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002899.D
Acq: 26 Jun 2018 16:09

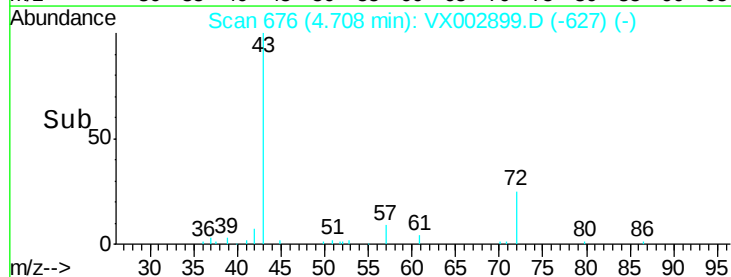
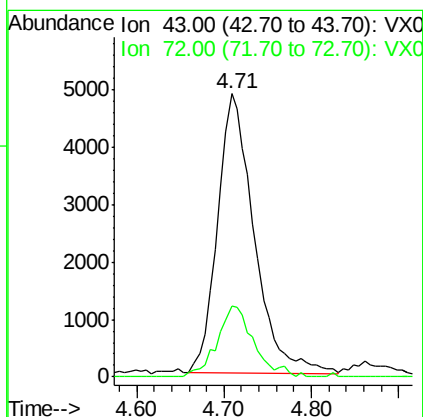
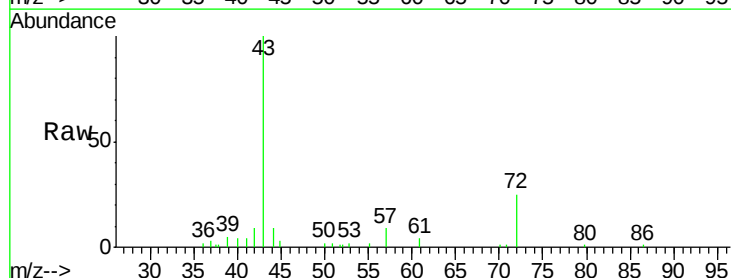
Instrument :
MSVOA_X
ClientSampleId :
20180375-COMPOSITE-CS-1A-ELU

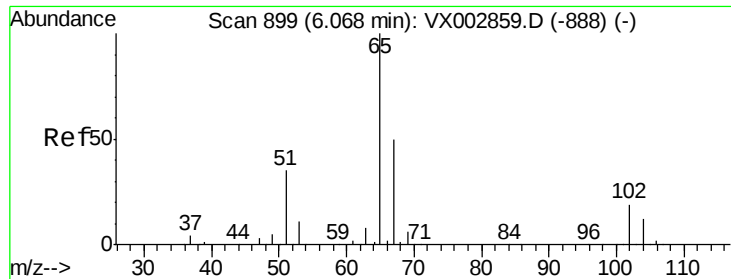
Tgt Ion: 43 Resp: 1572
Ion Ratio Lower Upper
43 100
74 26.7 16.7 25.1#



#25
2-Butanone
Concen: 6.523 ug/l
RT: 4.71 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX002899.D
Acq: 26 Jun 2018 16:09

Tgt Ion: 43 Resp: 14150
Ion Ratio Lower Upper
43 100
72 25.2 18.5 27.7

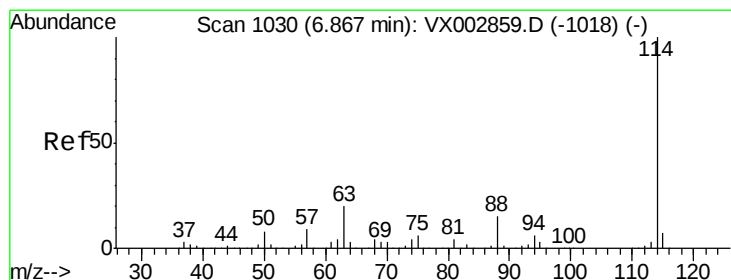
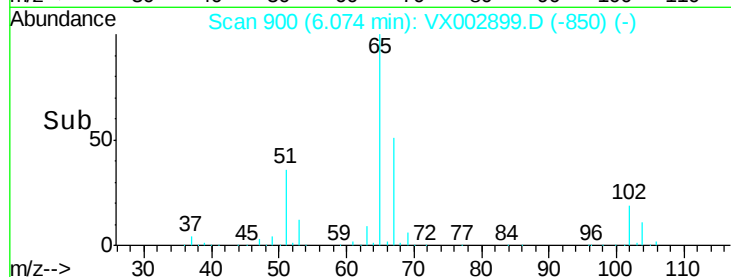
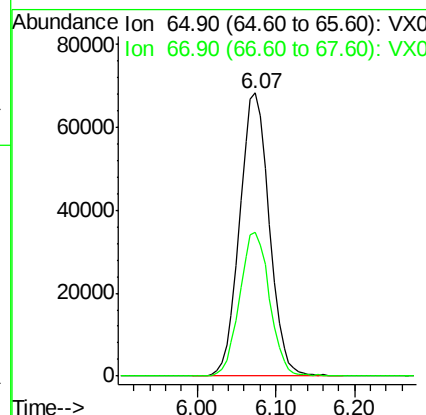
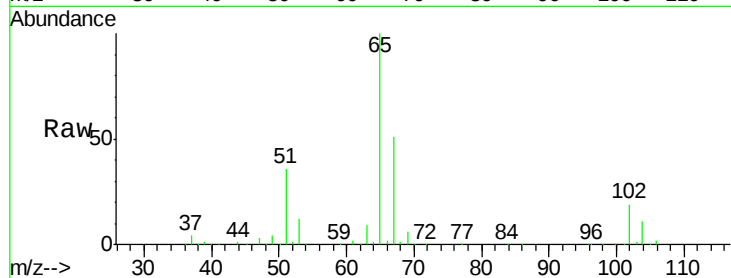




#33
 1,2-Dichloroethane-d4
 Concen: 50.589 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX002899.D
 Acq: 26 Jun 2018 16:09

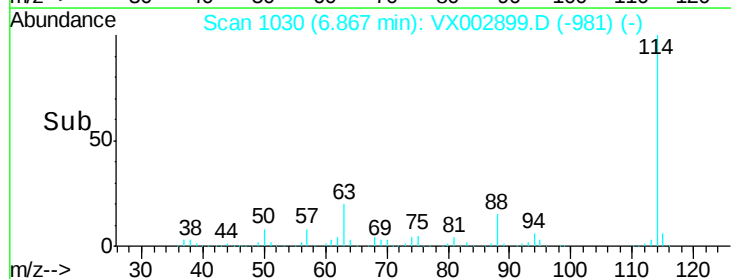
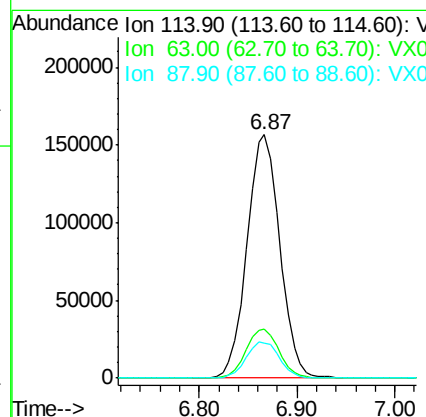
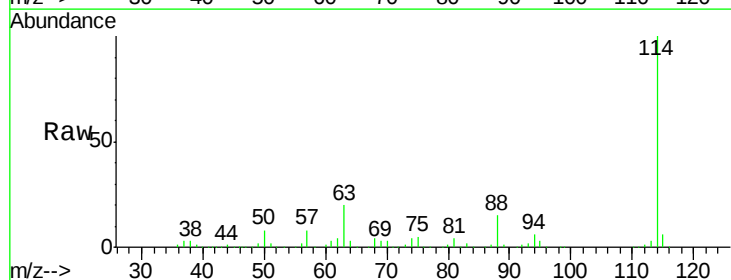
Instrument :
 MSVOA_X
 ClientSampleId :
 20180375-COMPOSITE-CS-1A-ELU

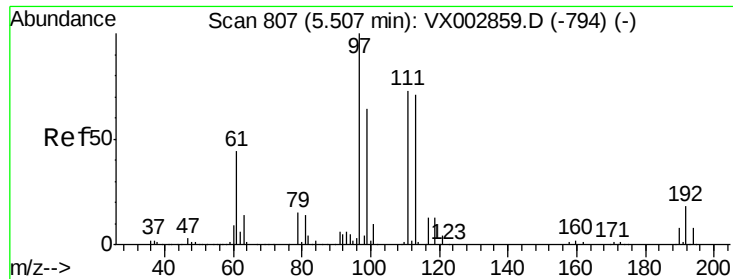
Tgt Ion: 65 Resp: 178549
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002899.D
 Acq: 26 Jun 2018 16:09

Tgt Ion: 114 Resp: 365086
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.4
 88 14.6 0.0 30.0

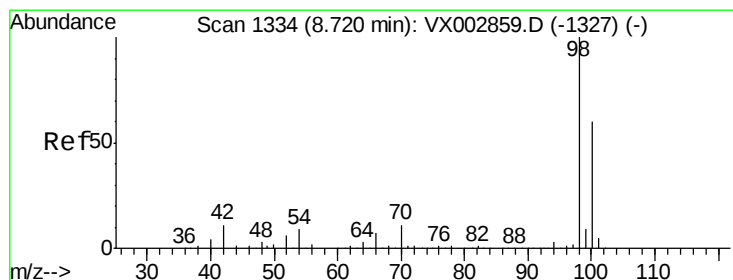
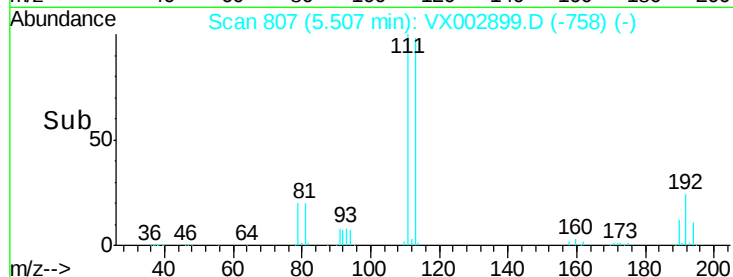
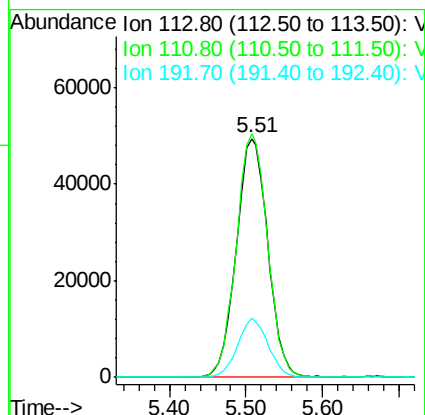
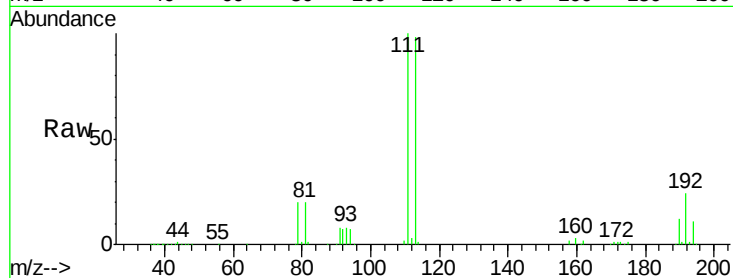




#35
 Dibromofluoromethane
 Concen: 48.809 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002899.D
 Acq: 26 Jun 2018 16:09

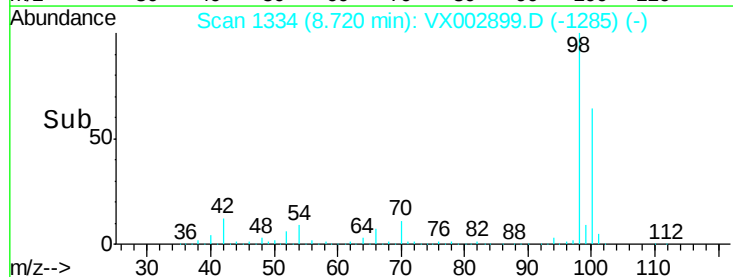
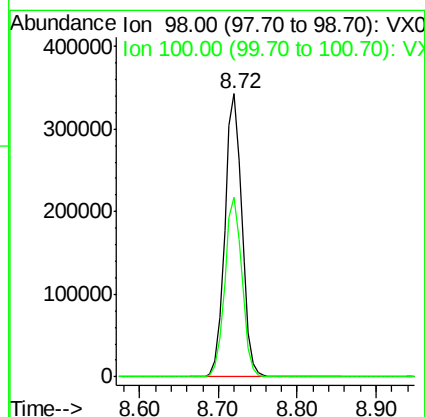
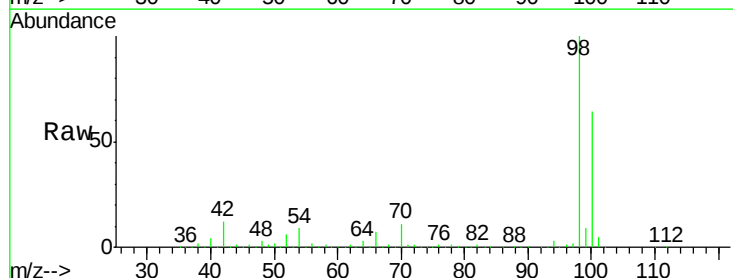
Instrument :
 MSVOA_X
 ClientSampleId :
 20180375-COMPOSITE-CS-1A-ELU

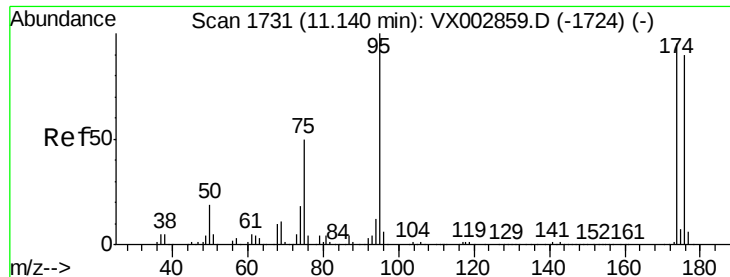
Tgt Ion:113 Resp: 141114
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.4 122.0
 192 24.0 19.1 28.7



#50
 Toluene-d8
 Concen: 48.679 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002899.D
 Acq: 26 Jun 2018 16:09

Tgt Ion: 98 Resp: 513935
 Ion Ratio Lower Upper
 98 100
 100 63.6 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 44.458 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002899.D

Acq: 26 Jun 2018 16:09

Instrument :

MSVOA_X

ClientSampleId :

20180375-COMPOSITE-CS-1A-ELU

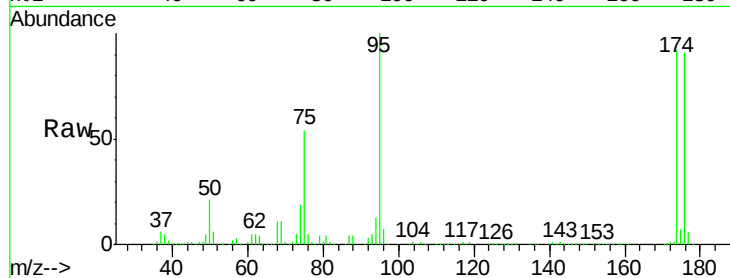
Tgt Ion: 95 Resp: 181017

Ion Ratio Lower Upper

95 100

174 95.5 0.0 187.4

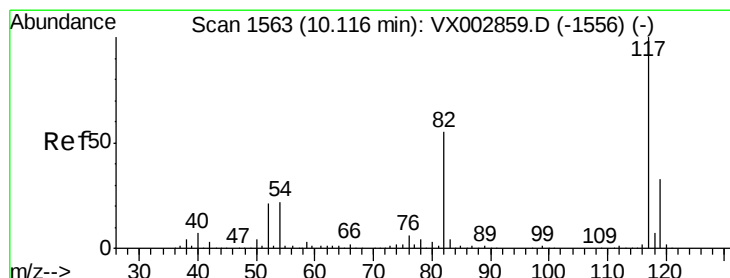
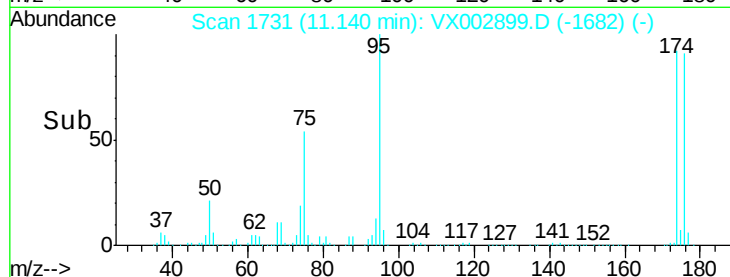
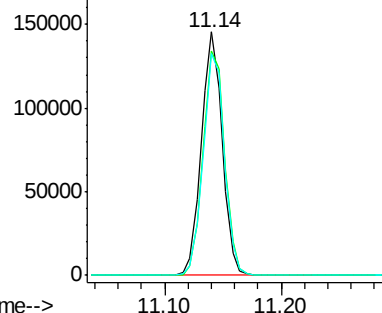
176 93.1 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002899.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX002899.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX002899.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002899.D

Acq: 26 Jun 2018 16:09

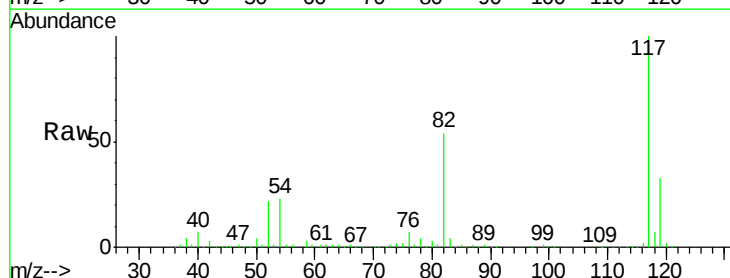
Tgt Ion: 117 Resp: 337863

Ion Ratio Lower Upper

117 100

82 54.1 45.0 67.4

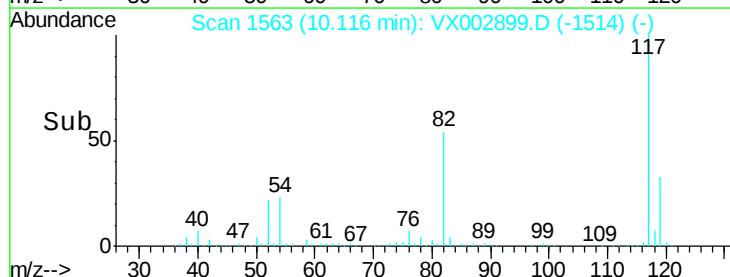
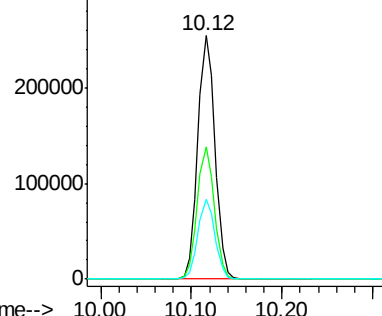
119 32.8 25.8 38.6

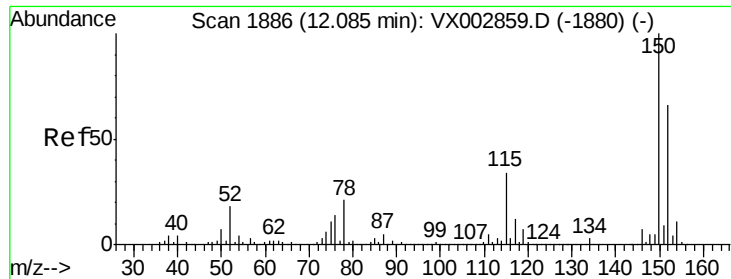


Abundance Ion 116.90 (116.60 to 117.60): VX002899.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX002899.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX002899.D (-1514) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002899.D

Acq: 26 Jun 2018 16:09

Instrument :

MSVOA_X

ClientSampleId :

20180375-COMPOSITE-CS-1A-ELU

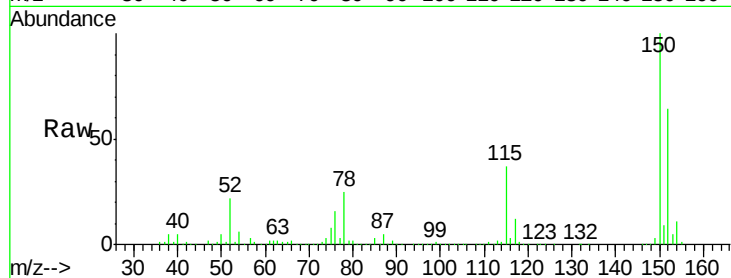
Tgt Ion:152 Resp: 190940

Ion Ratio Lower Upper

152 100

115 54.8 40.1 120.2

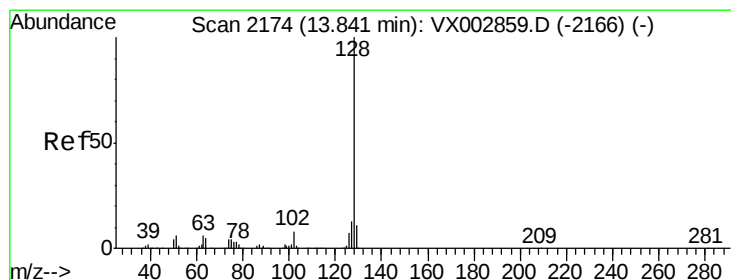
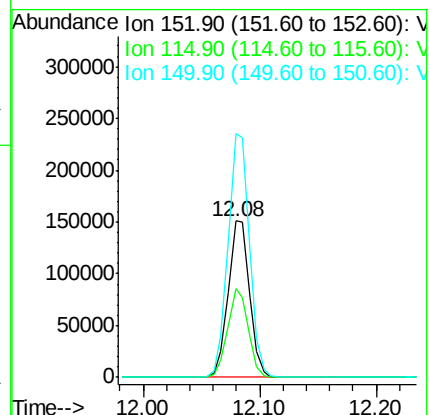
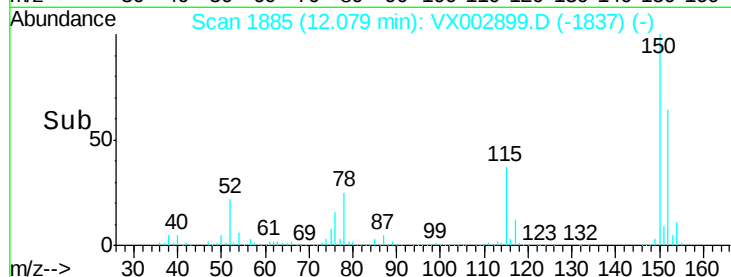
150 156.1 0.0 347.2



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: 0.246 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002899.D

Acq: 26 Jun 2018 16:09

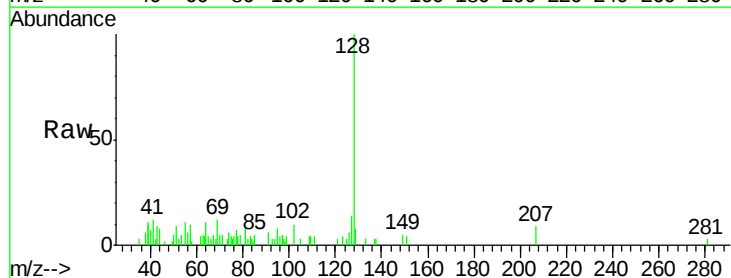
Tgt Ion:128 Resp: 3218

Ion Ratio Lower Upper

128 100

127 16.9 10.4 15.6#

129 13.5 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

