

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100118\
 Data File : VX004875.D
 Acq On : 01 Oct 2018 17:15
 Operator : JC/MD
 Sample : J5135-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW509-4246

Quant Time: Oct 09 07:33:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

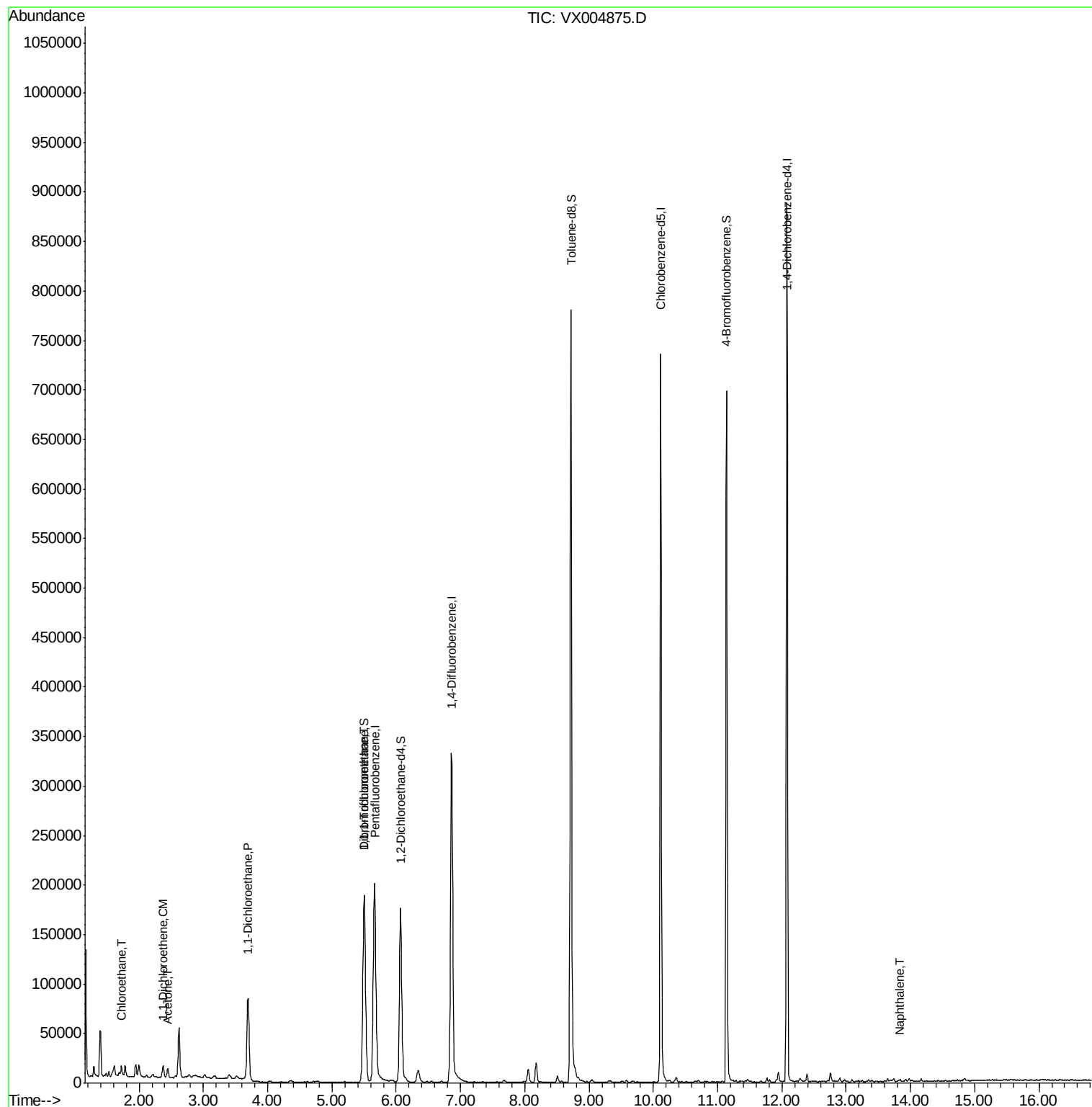
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	210514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	348199	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	339861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183420	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	166579	55.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.78%	
35) Dibromofluoromethane	5.50	113	141437	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
50) Toluene-d8	8.72	98	509988	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
62) 4-Bromofluorobenzene	11.14	95	177738	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
Target Compounds						
6) Chloroethane	1.72	64	10180	3.557	ug/l	98
12) 1,1-Dichloroethene	2.37	96	3937	1.726	ug/l #	78
16) Acetone	2.45	43	9777	5.569	ug/l	96
24) 1,1-Dichloroethane	3.70	63	95665	19.136	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	23807	6.170	ug/l	98
95) Naphthalene	13.83	128	1258	0.801	ug/l #	95

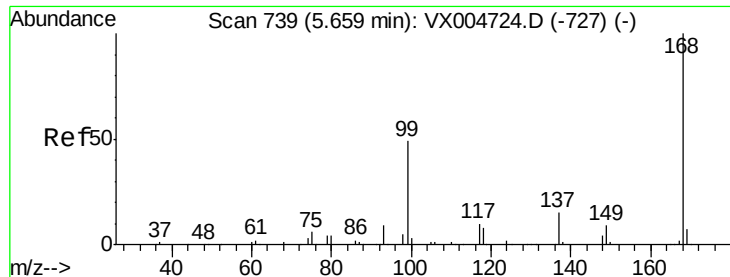
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004875.D

Acq: 01 Oct 2018 17:15

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MSVOA_X

ClientSampleId :

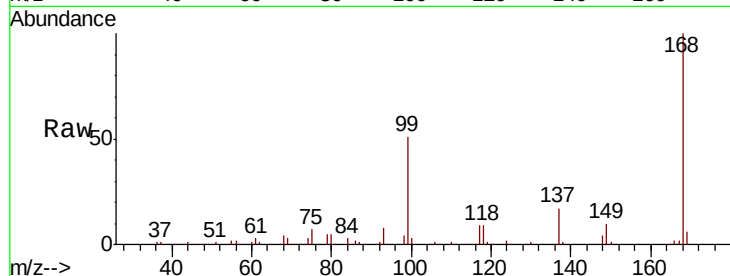
SA-TW509-4246

Tgt Ion:168 Resp: 210514

Ion Ratio Lower Upper

168 100

99 50.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

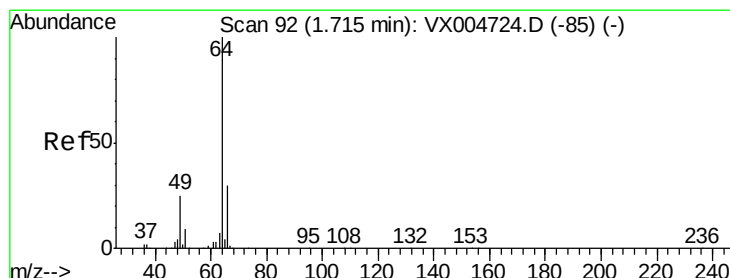
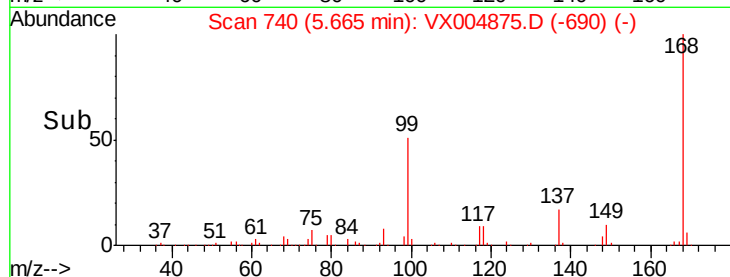
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#6

Chloroethane

Concen: 3.557 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004875.D

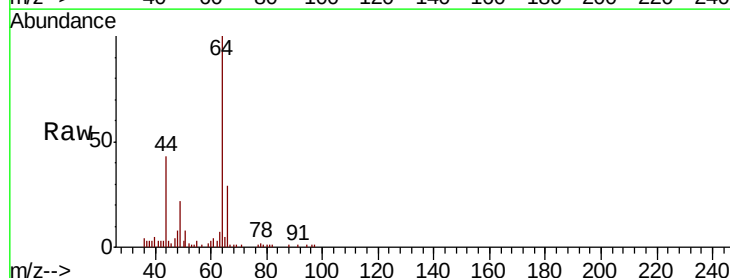
Acq: 01 Oct 2018 17:15

Tgt Ion: 64 Resp: 10180

Ion Ratio Lower Upper

64 100

66 29.4 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

6000

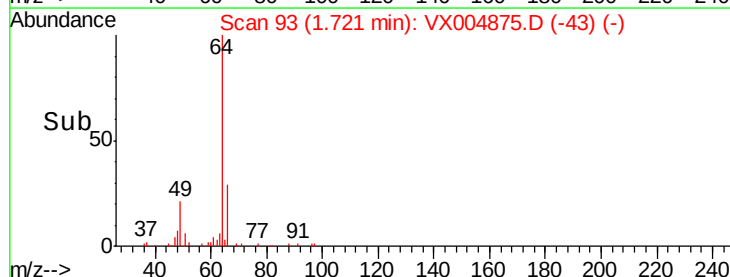
4000

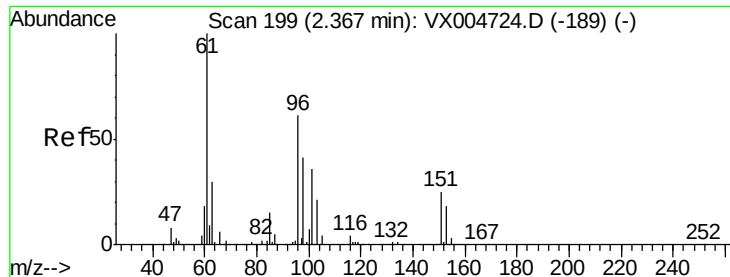
2000

0

1.60 1.70 1.80

Time-->





#12

1,1-Dichloroethene

Concen: 1.726 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX004875.D

Acq: 01 Oct 2018 17:15

Instrument :

MSVOA_X

ClientSampleId :

SA-TW509-4246

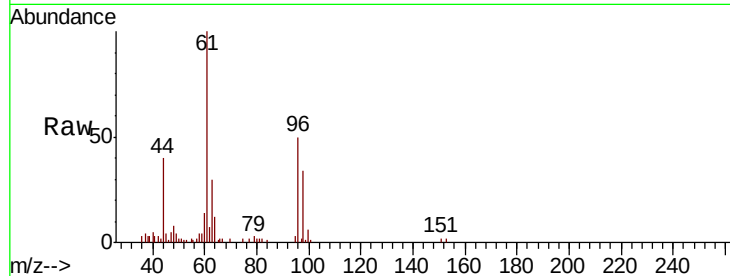
Tgt Ion: 96 Resp: 3937

Ion Ratio Lower Upper

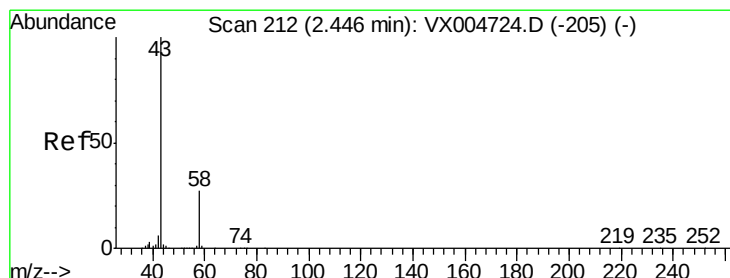
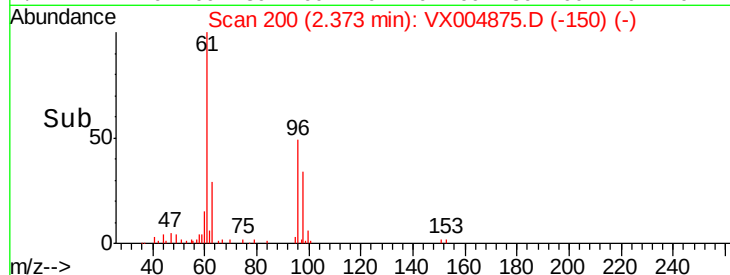
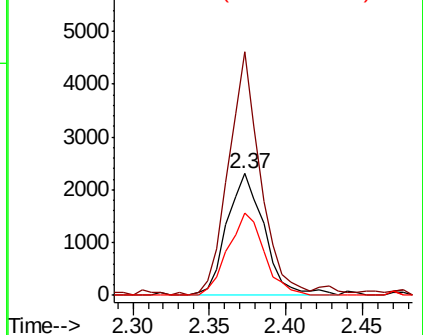
96 100

61 200.2 128.8 193.2#

98 67.9 52.2 78.2



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#16

Acetone

Concen: 5.569 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004875.D

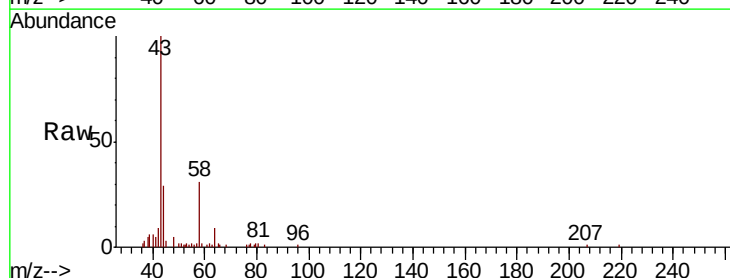
Acq: 01 Oct 2018 17:15

Tgt Ion: 43 Resp: 9777

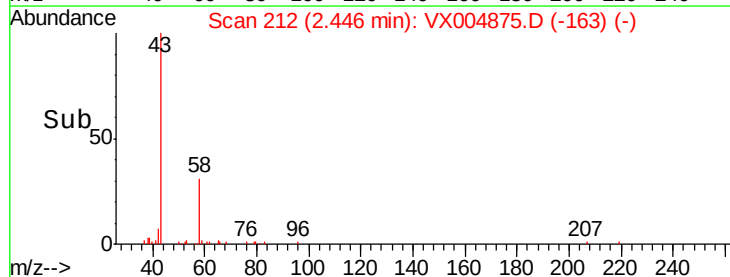
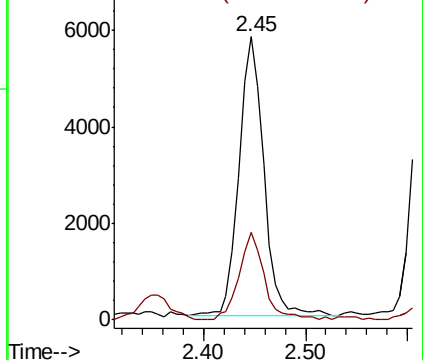
Ion Ratio Lower Upper

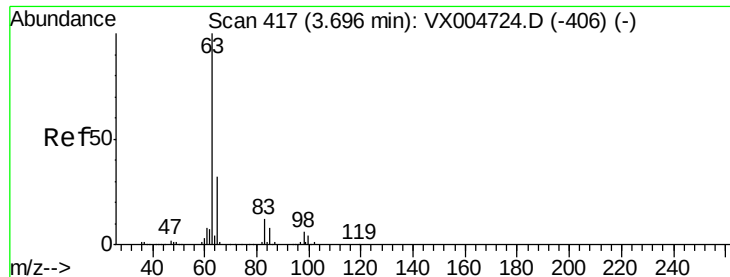
43 100

58 30.3 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#24

1,1-Dichloroethane

Concen: 19.136 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX004875.D

Acq: 01 Oct 2018 17:15

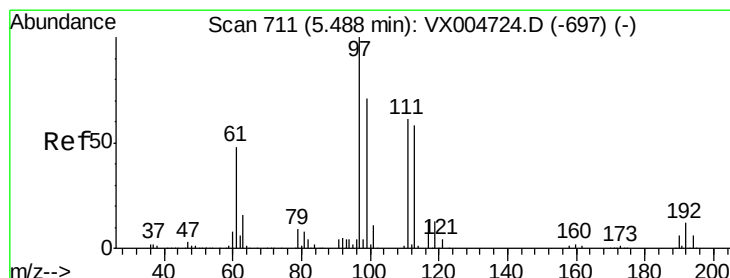
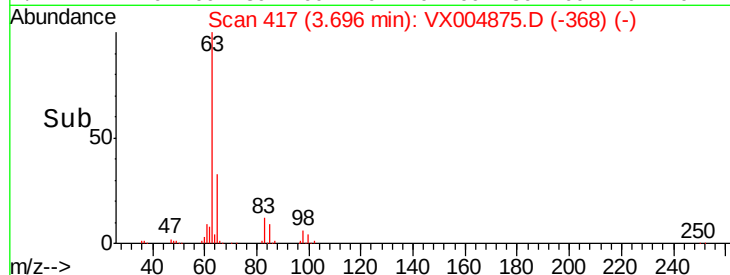
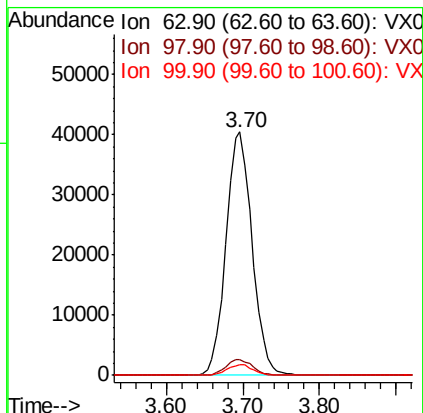
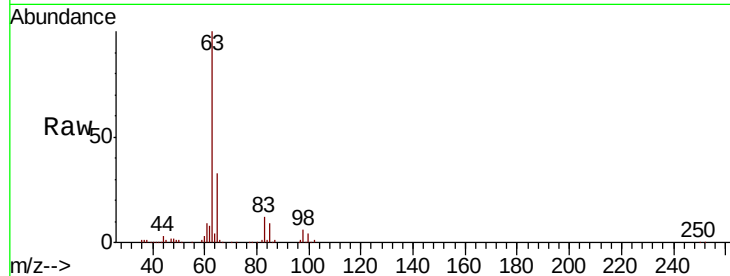
Instrument :

MSVOA_X

ClientSampleId :

SA-TW509-4246

Tgt Ion:	63	Resp:	95665
Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.5	10.4
100	4.4	2.4	7.1



#32

1,1,1-Trichloroethane

Concen: 6.170 ug/l

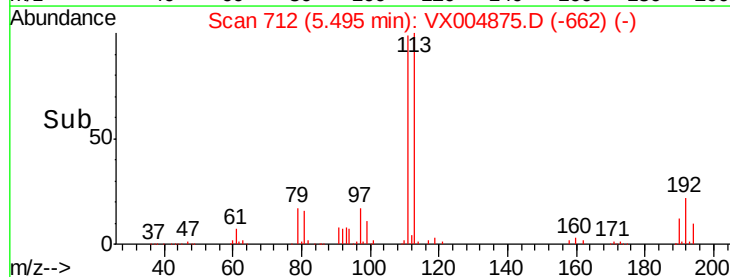
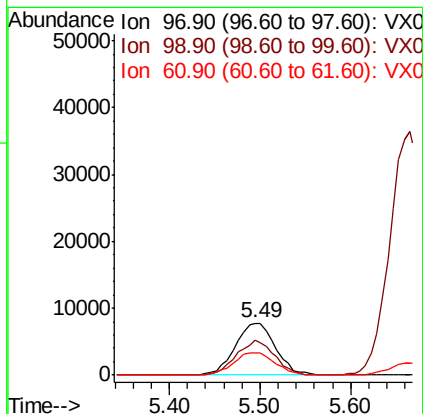
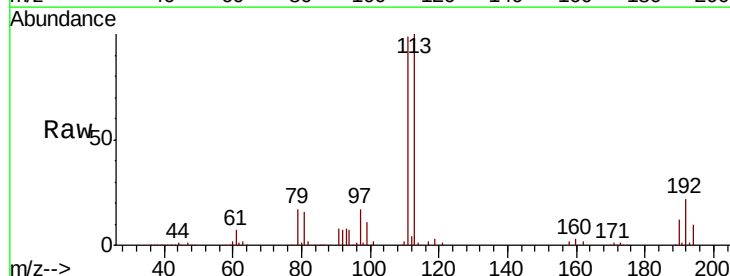
RT: 5.49 min Scan# 712

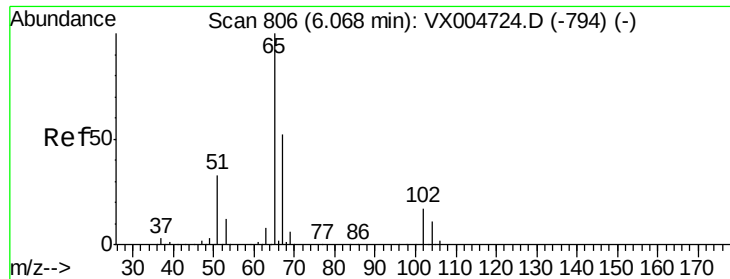
Delta R.T. 0.01 min

Lab File: VX004875.D

Acq: 01 Oct 2018 17:15

Tgt Ion:	97	Resp:	23807
Ion	Ratio	Lower	Upper
97	100		
99	63.7	52.0	78.0
61	44.5	34.9	52.3

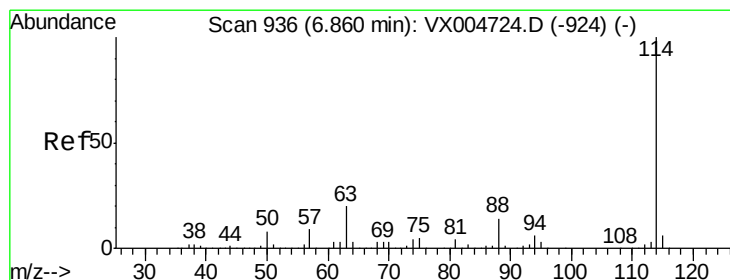
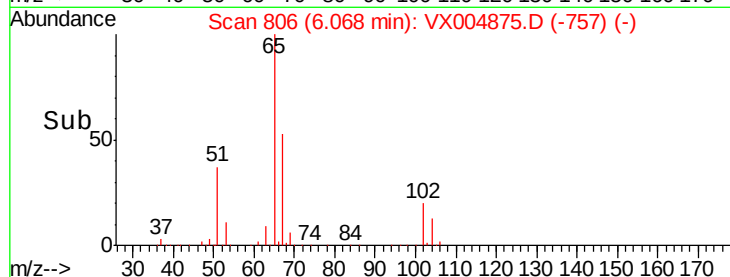
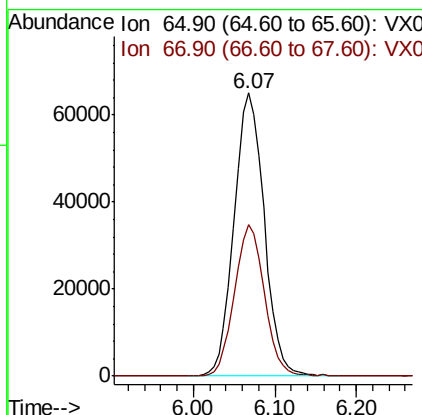
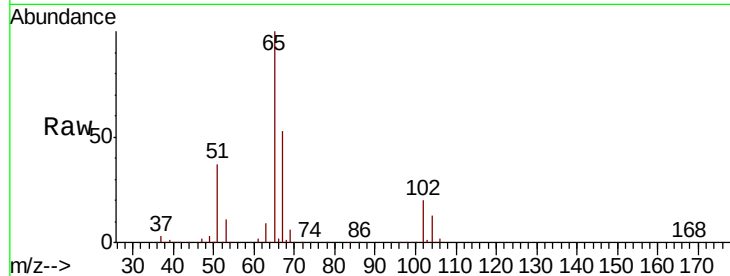




#33
 1,2-Dichloroethane-d4
 Concen: 55.393 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004875.D
 Acq: 01 Oct 2018 17:15

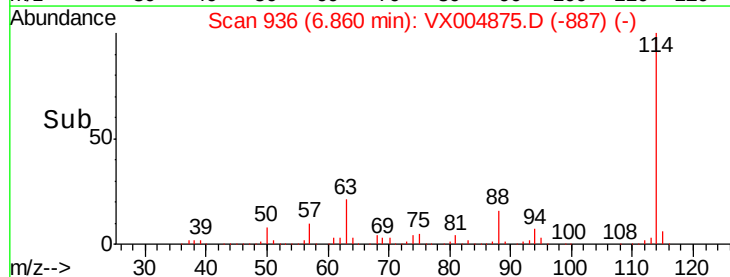
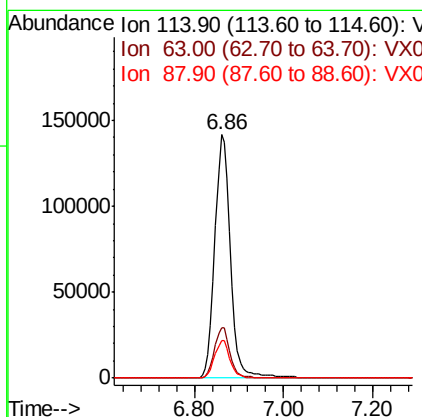
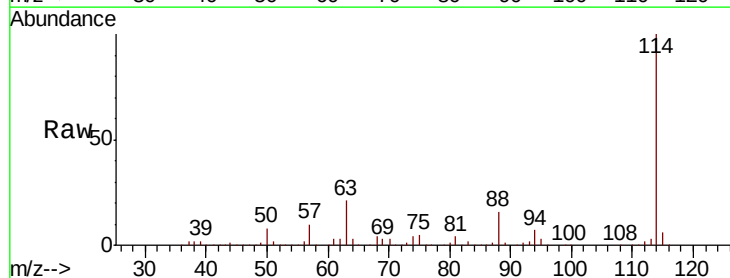
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW509-4246

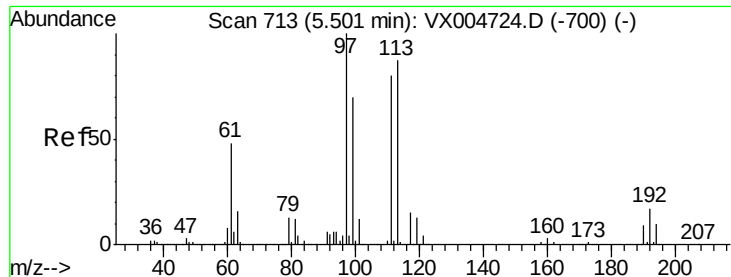
Tgt Ion: 65 Resp: 166579
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004875.D
 Acq: 01 Oct 2018 17:15

Tgt Ion: 114 Resp: 348199
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.0
 88 15.7 0.0 30.4

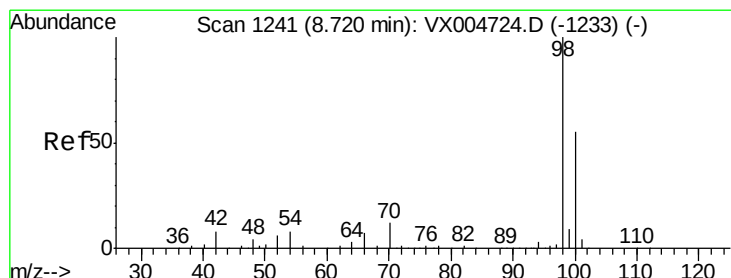
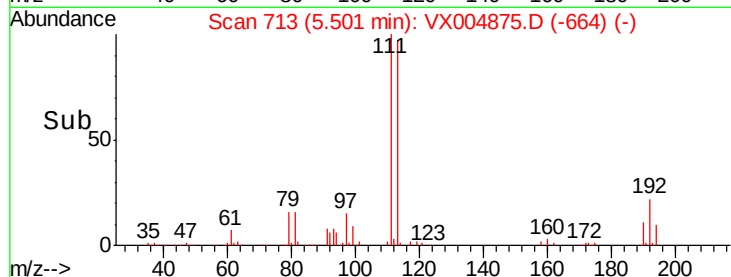
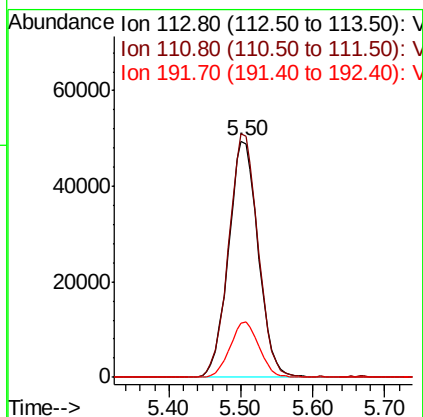
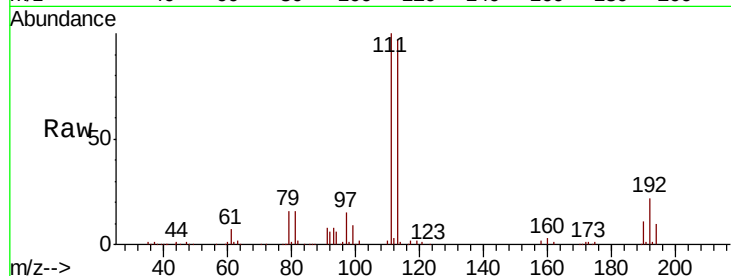




#35
 Dibromofluoromethane
 Concen: 47.928 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004875.D
 Acq: 01 Oct 2018 17:15

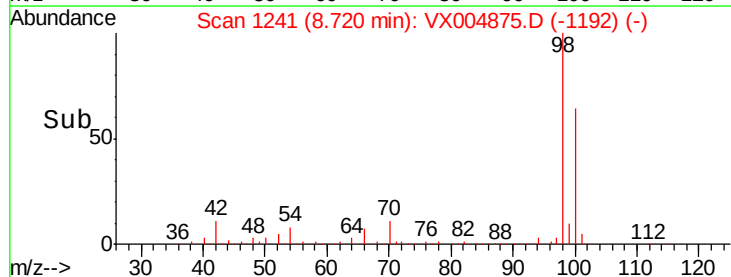
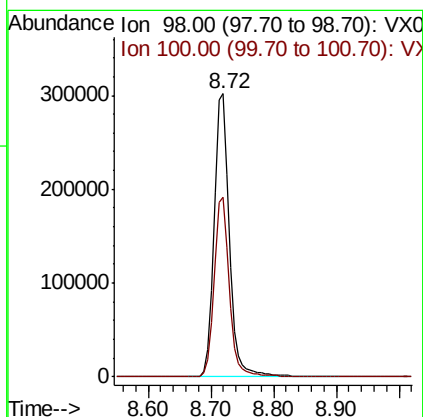
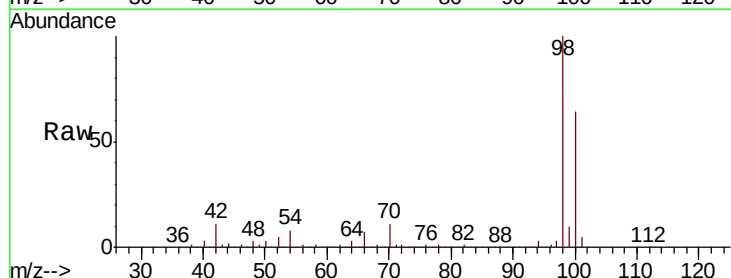
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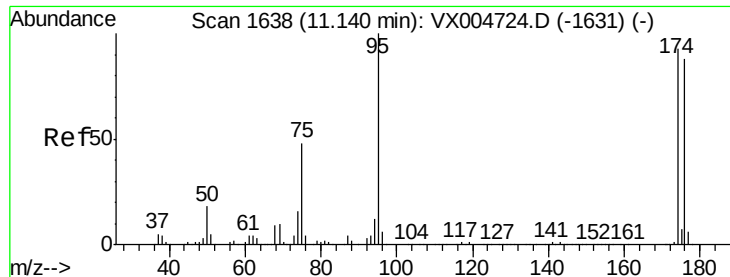
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.4	123.6
192	23.0	19.4	29.2



#50
 Toluene-d8
 Concen: 51.983 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: VX004875.D
 Acq: 01 Oct 2018 17:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	52.9	79.3

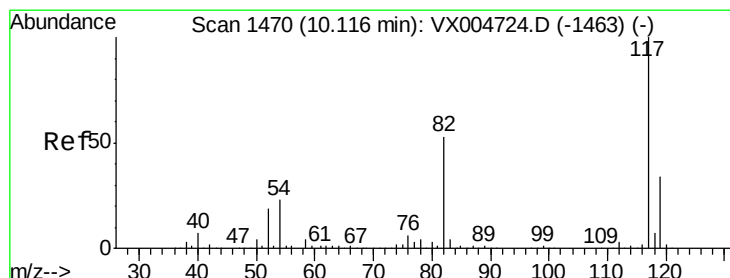
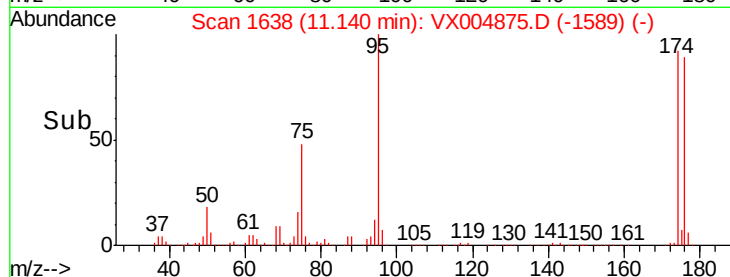
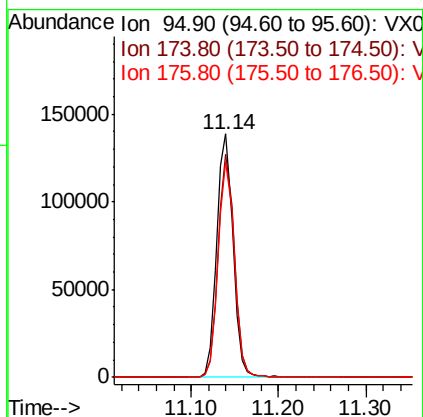
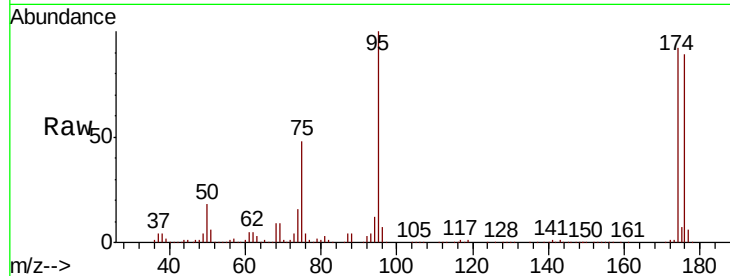




#62
 4-Bromofluorobenzene
 Concen: 50.289 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX004875.D
 Acq: 01 Oct 2018 17:15

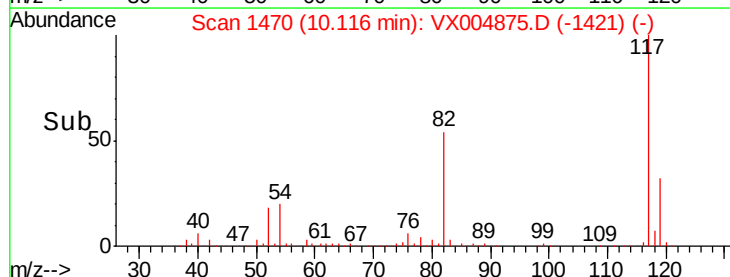
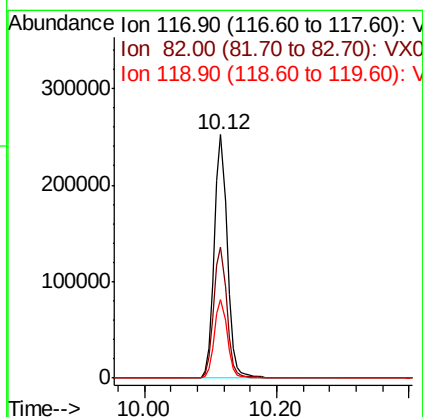
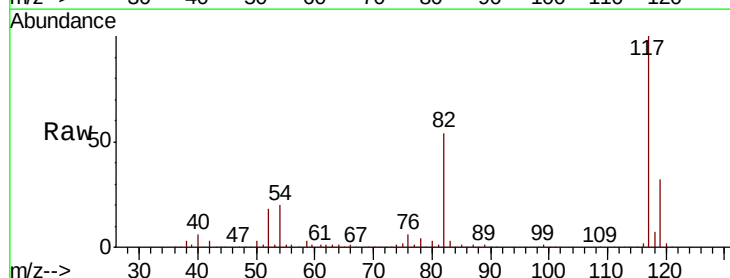
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW509-4246

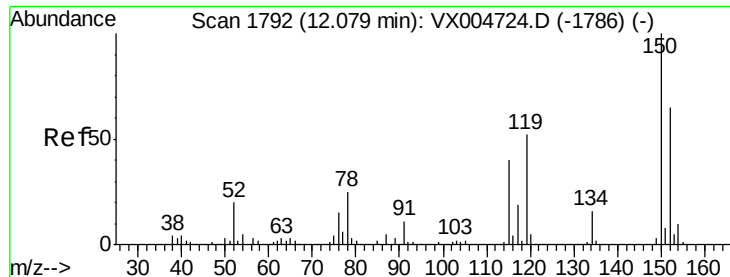
Tgt Ion: 95 Resp: 177738
 Ion Ratio Lower Upper
 95 100
 174 91.5 0.0 185.2
 176 88.3 0.0 178.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.12 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VX004875.D
 Acq: 01 Oct 2018 17:15

Tgt Ion: 117 Resp: 339861
 Ion Ratio Lower Upper
 117 100
 82 54.0 47.8 71.6
 119 32.1 29.3 43.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004875.D

Acq: 01 Oct 2018 17:15

Instrument :

MSVOA_X

ClientSampleId :

SA-TW509-4246

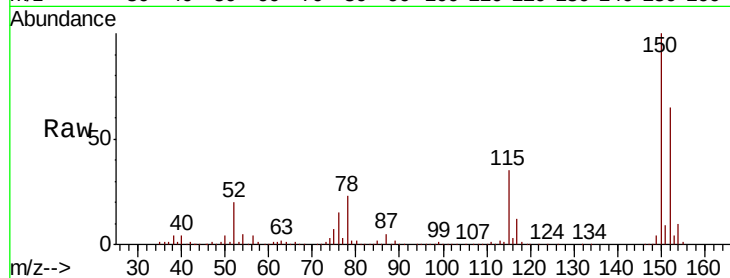
Tgt Ion:152 Resp: 183420

Ion Ratio Lower Upper

152 100

115 55.5 39.0 117.0

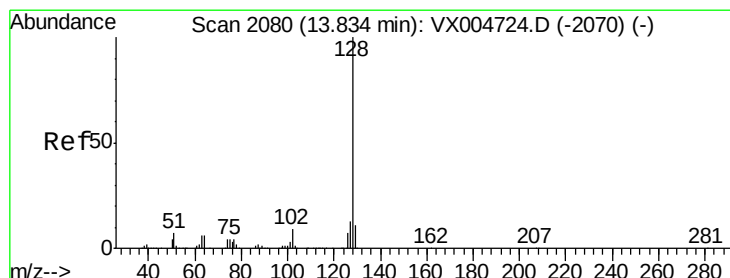
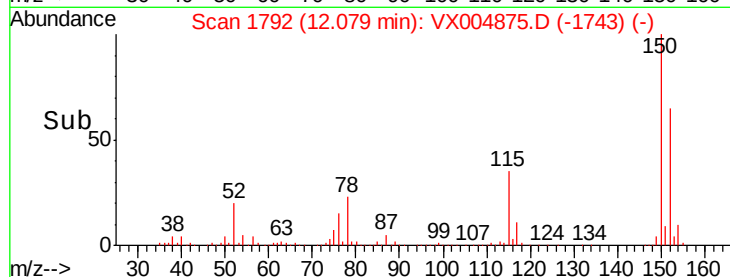
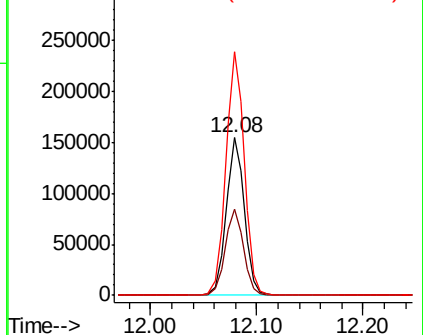
150 157.3 0.0 351.0



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: 0.801 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004875.D

Acq: 01 Oct 2018 17:15

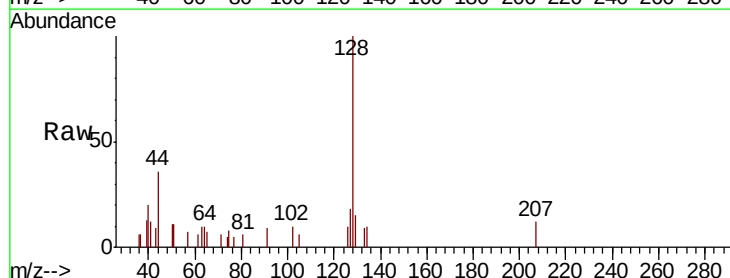
Tgt Ion:128 Resp: 1258

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 14.9 8.6 12.8#



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

