

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081318\
 Data File : VX004002.D
 Acq On : 13 Aug 2018 16:08
 Operator : JC/MD
 Sample : J4447-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1-7

Quant Time: Aug 14 04:46:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 13 01:34:27 2018
 Response via : Initial Calibration

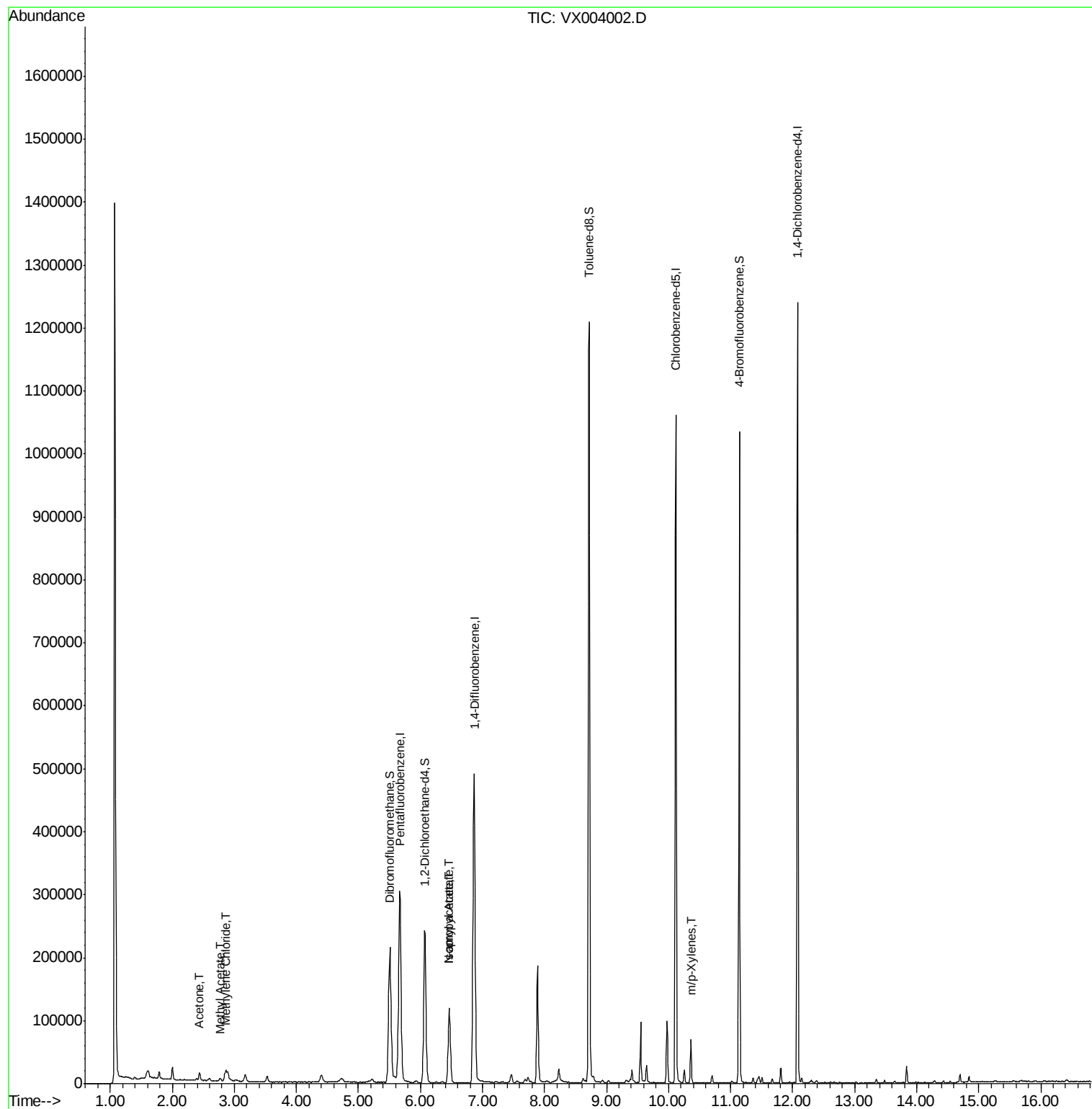
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	308377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	514170	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	478042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	257878	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	225710	55.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.44%	
35) Dibromofluoromethane	5.51	113	183126	47.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.02%	
50) Toluene-d8	8.72	98	731476	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
62) 4-Bromofluorobenzene	11.14	95	251057	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
Target Compounds						
16) Acetone	2.43	43	13897	5.71	ug/l	Qvalue 100
18) Methyl Acetate	2.77	43	5561	1.05	ug/l	91
20) Methylene Chloride	2.86	84	7407	1.26	ug/l	93
43) Isopropyl Acetate	6.46	43	151206	15.86	ug/l	99
68) m/p-Xylenes	10.36	106	16100	2.02	ug/l	97
74) N-amyl acetate	6.46	43	151206	15.24	ug/l #	99

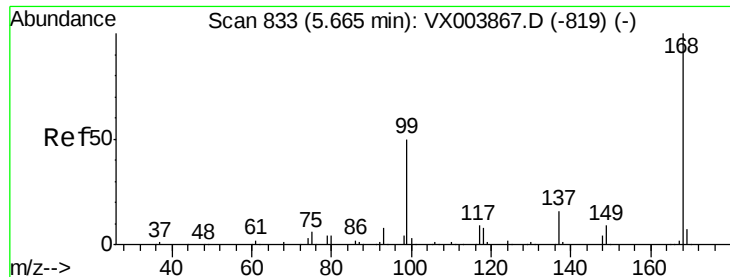
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX004002.D

Acq: 13 Aug 2018 16:08

Instrument :

MSVOA_X

ClientSampleId :

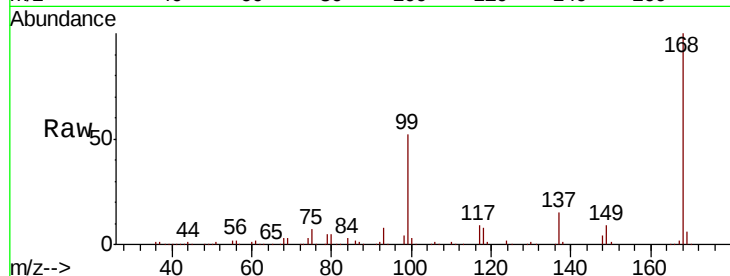
SP-1-7

Tot Ion:168 Resp: 308377

Ion Ratio Lower Upper

168 100

99 51.5 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

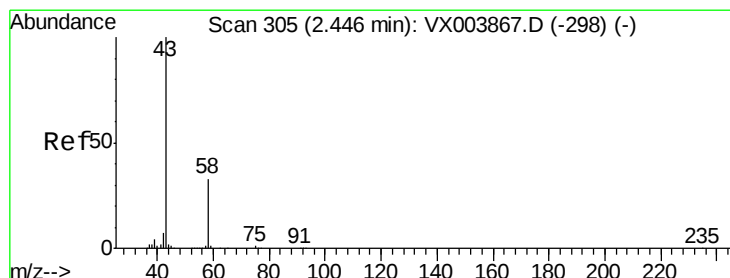
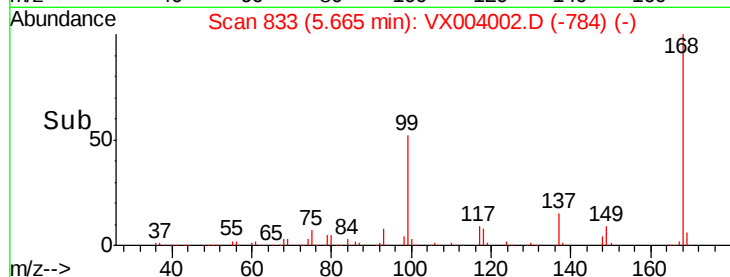
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.71 ug/l

RT: 2.43 min Scan# 303

Delta R.T. -0.01 min

Lab File: VX004002.D

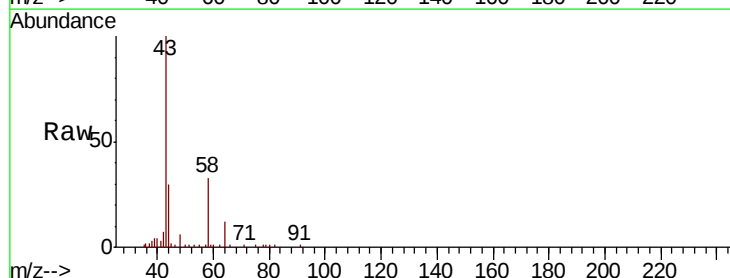
Acq: 13 Aug 2018 16:08

Tgt Ion: 43 Resp: 13897

Ion Ratio Lower Upper

43 100

58 33.0 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

8000

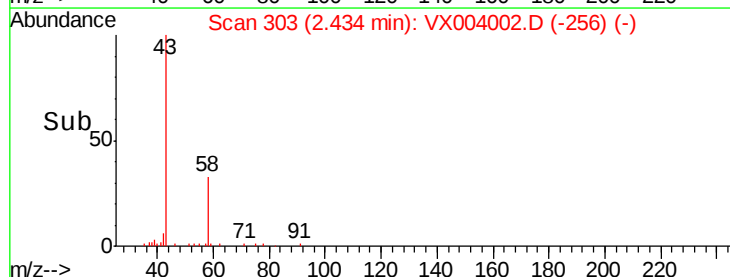
6000

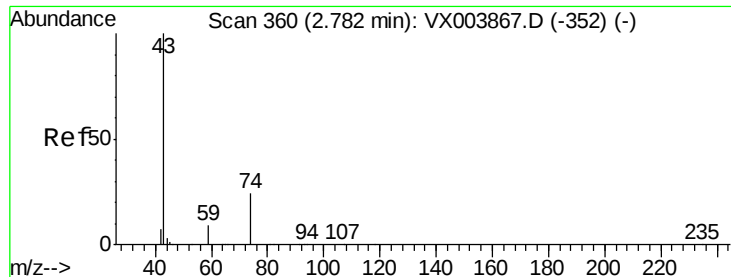
4000

2000

0

Time--> 2.30 2.40 2.50

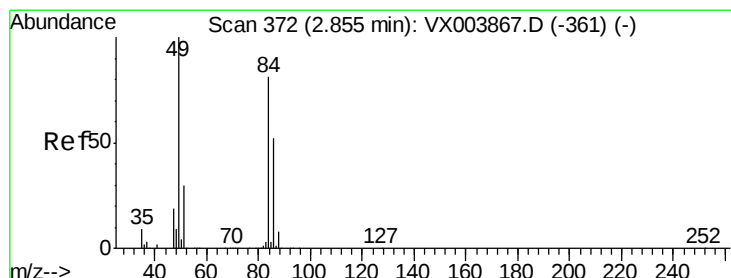
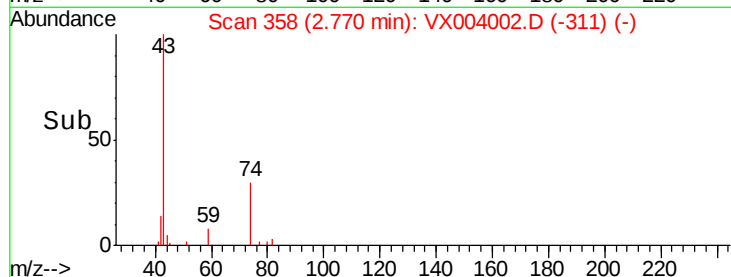
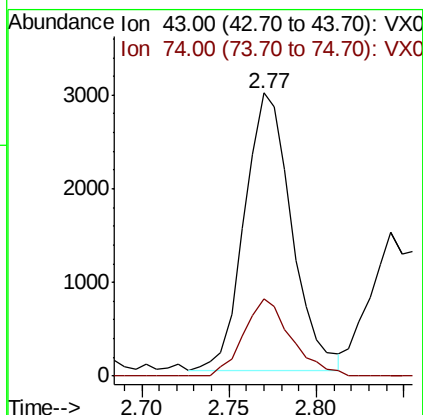
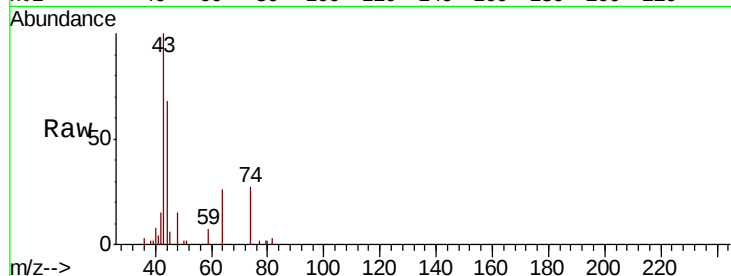




#18
Methvl Acetate
Concen: 1.05 ug/l
RT: 2.77 min Scan# 358
Delta R.T. -0.01 min
Lab File: VX004002.D
Acq: 13 Aug 2018 16:08

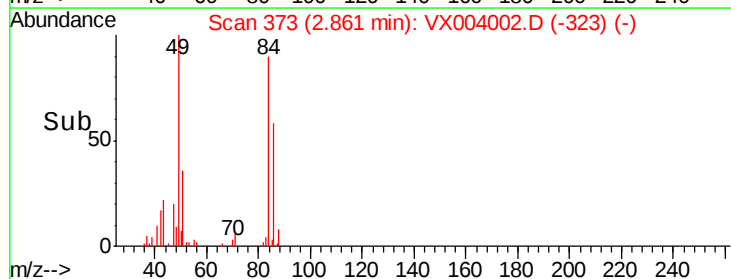
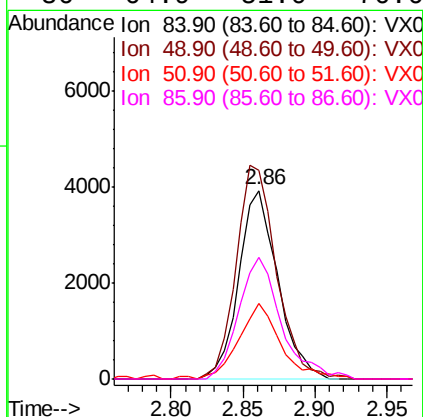
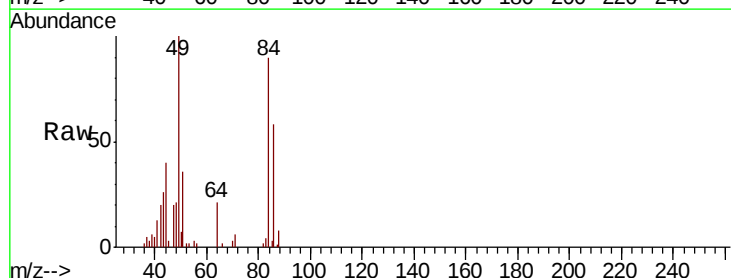
Instrument :
MSVOA_X
ClientSampleId :
SP-1-7

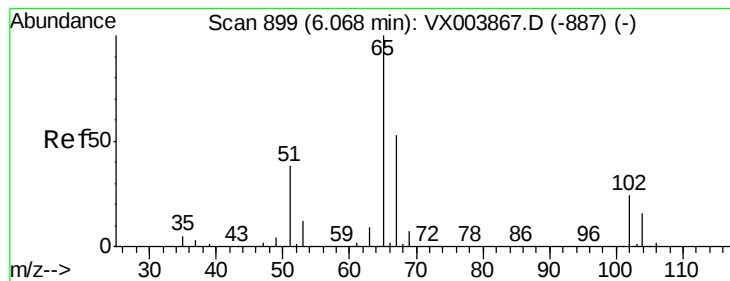
Tot Ion: 43 Resp: 5561
Ion Ratio Lower Upper
43 100
74 27.9 18.9 28.3



#20
Methylene Chloride
Concen: 1.26 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX004002.D
Acq: 13 Aug 2018 16:08

Tgt Ion: 84 Resp: 7407
Ion Ratio Lower Upper
84 100
49 110.9 98.9 148.3
51 38.4 29.9 44.9
86 64.9 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 55.22 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX004002.D

Acq: 13 Aug 2018 16:08

Instrument :

MSVOA_X

ClientSampleId :

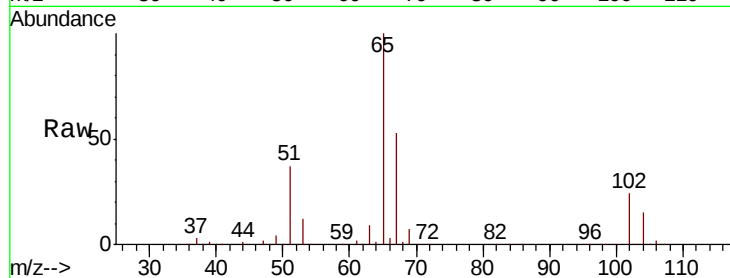
SP-1-7

Tot Ion: 65 Resp: 225710

Ion Ratio Lower Upper

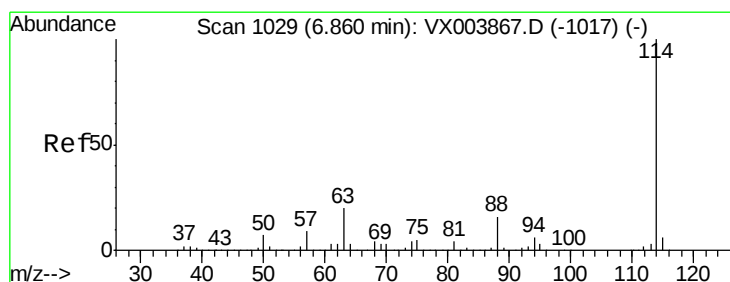
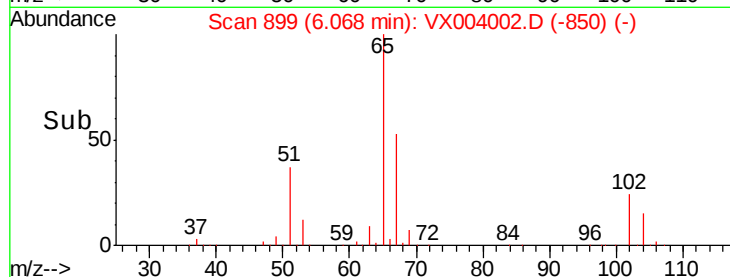
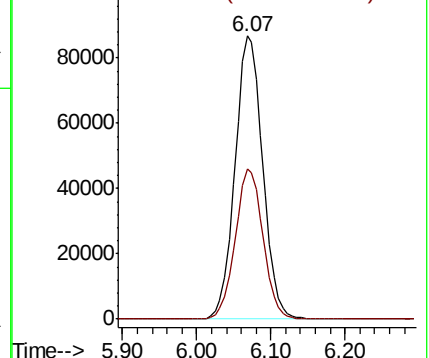
65 100

67 53.2 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VX004002.D

Acq: 13 Aug 2018 16:08

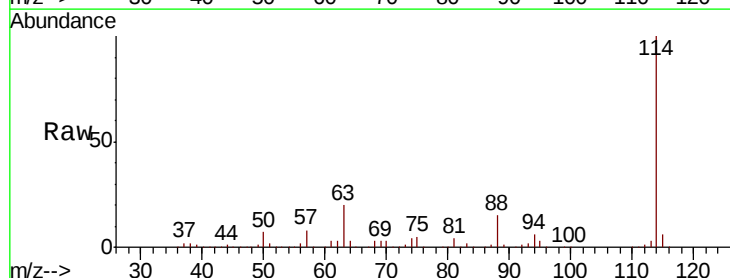
Tgt Ion: 114 Resp: 514170

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.0

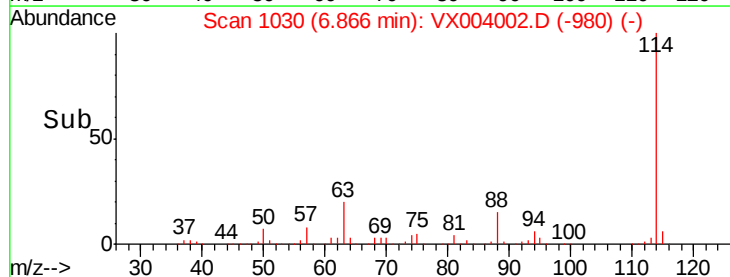
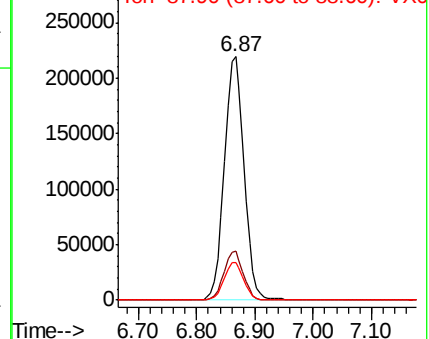
88 15.2 0.0 32.0

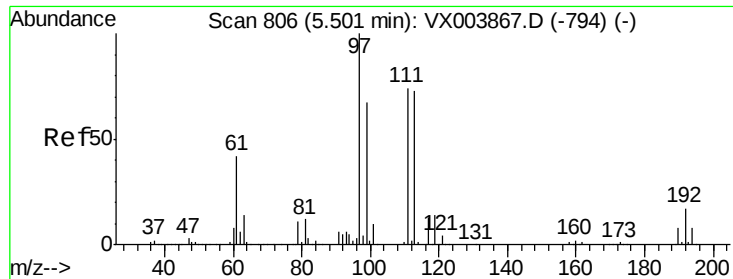


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

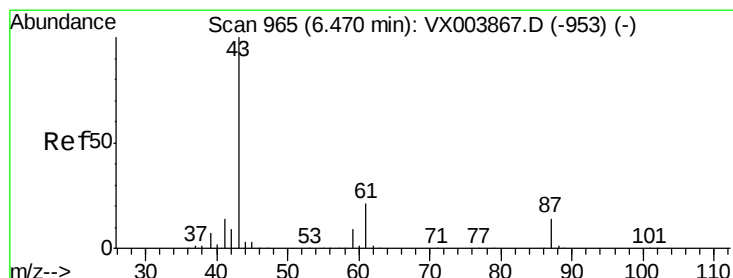
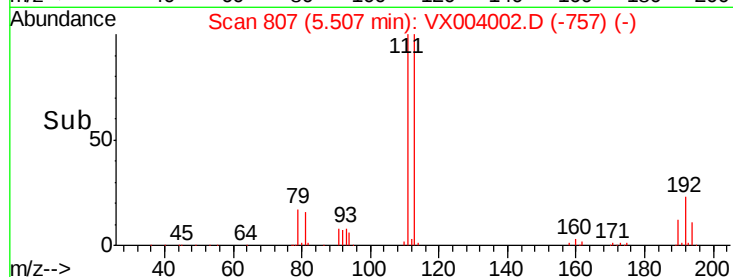
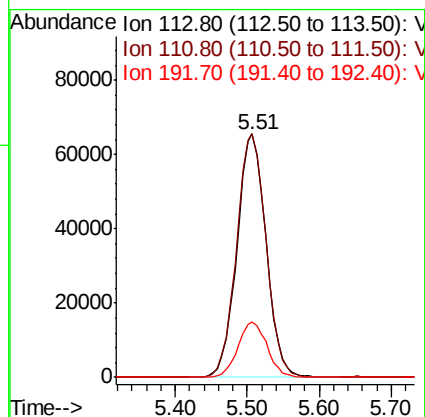
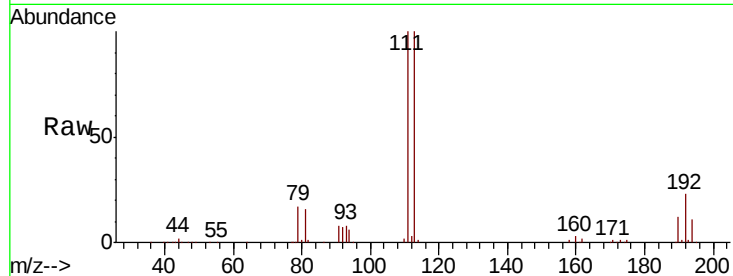




#35
 Dibromofluoromethane
 Concen: 47.01 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004002.D
 Acq: 13 Aug 2018 16:08

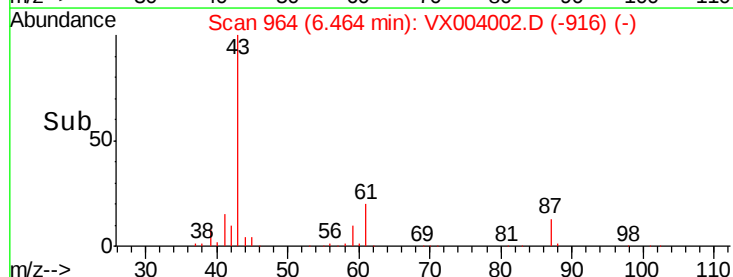
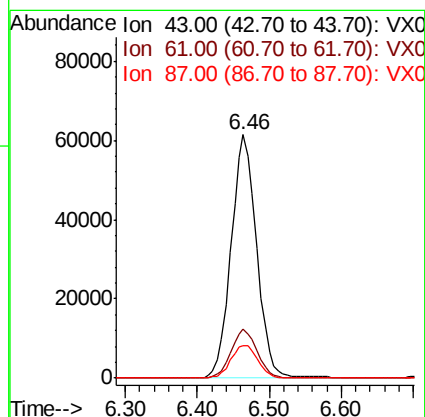
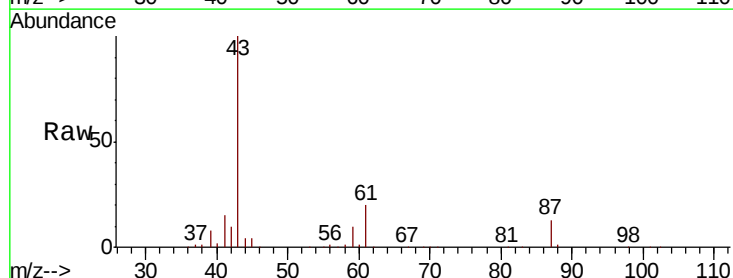
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1-7

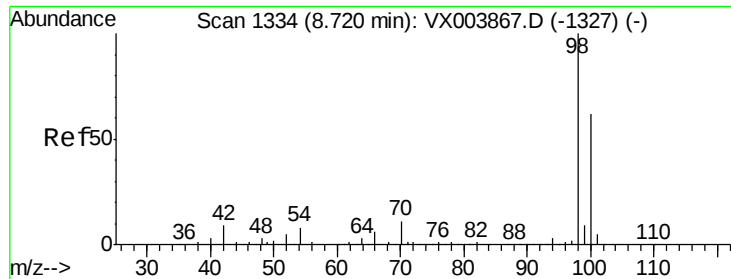
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.0	123.0
192	22.8	19.0	28.4



#43
 Isopropyl Acetate
 Concen: 15.86 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX004002.D
 Acq: 13 Aug 2018 16:08

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.9	25.3
87	14.2	11.3	16.9

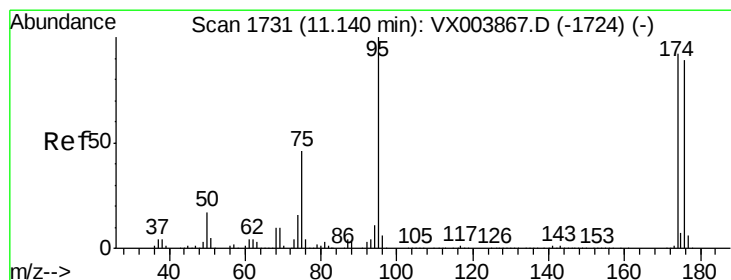
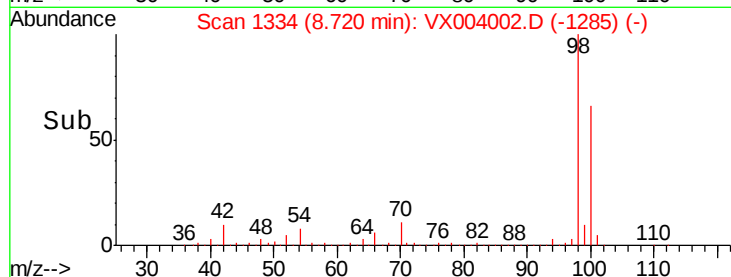
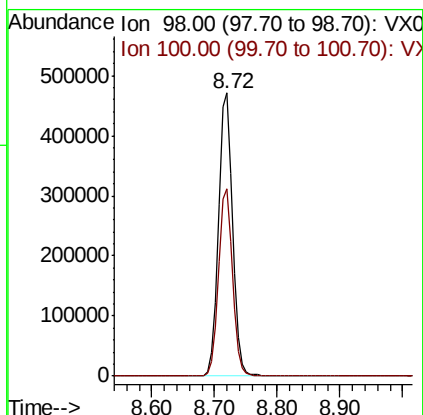
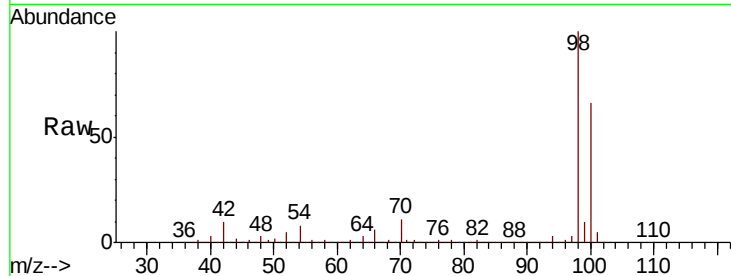




#50
Toluene-d8
Concen: 48.29 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX004002.D
Acq: 13 Aug 2018 16:08

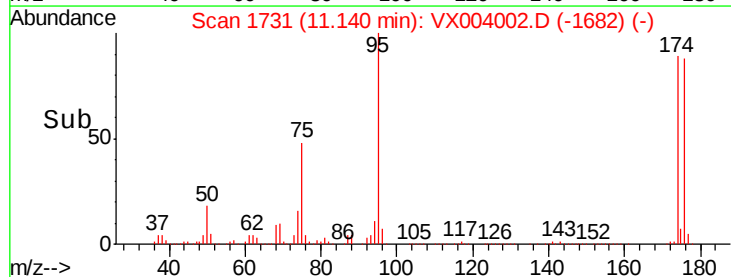
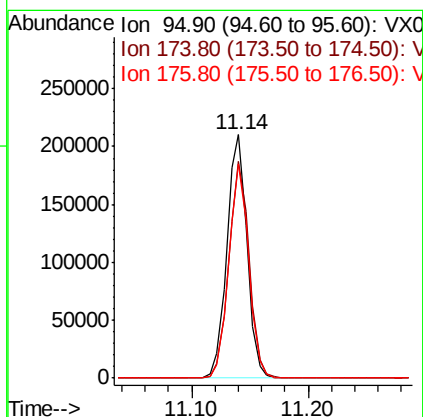
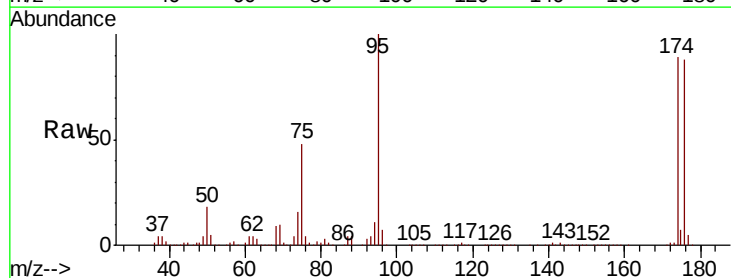
Instrument :
MSVOA_X
ClientSampleId :
SP-1-7

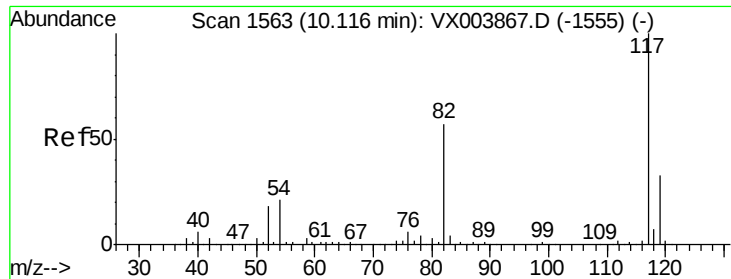
Tot Ion: 98 Resp: 731476
Ion Ratio Lower Upper
98 100
100 65.7 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 51.22 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX004002.D
Acq: 13 Aug 2018 16:08

Tgt Ion: 95 Resp: 251057
Ion Ratio Lower Upper
95 100
174 90.3 0.0 182.8
176 87.9 0.0 179.0

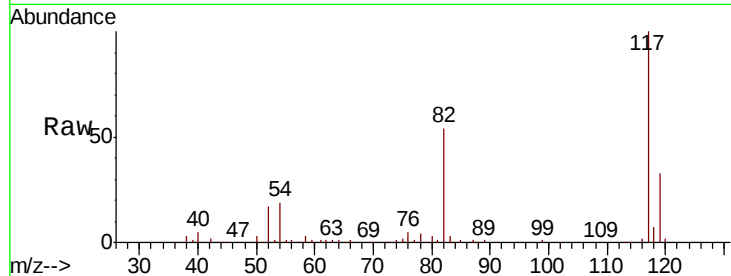




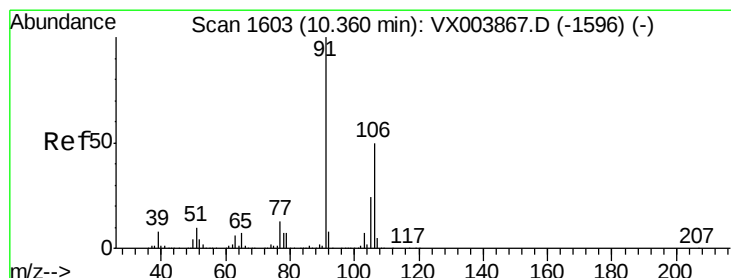
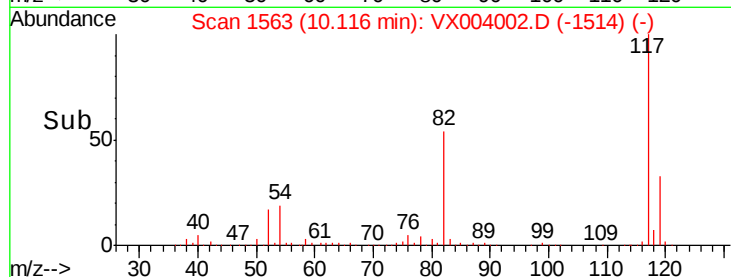
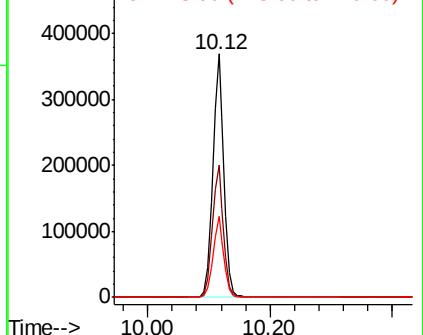
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX004002.D
Acq: 13 Aug 2018 16:08

Instrument :
MSVOA_X
ClientSampleId :
SP-1-7

Tot Ion:117 Resp: 478042
Ion Ratio Lower Upper
117 100
82 54.4 45.4 68.0
119 33.1 26.6 40.0

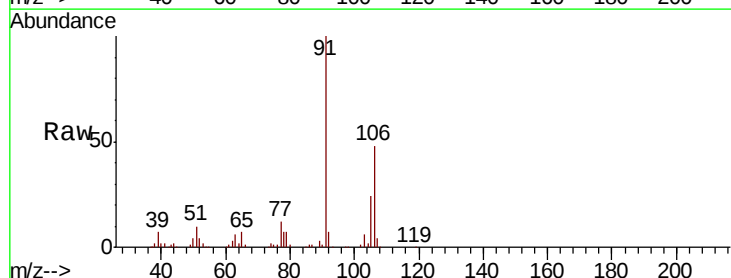


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

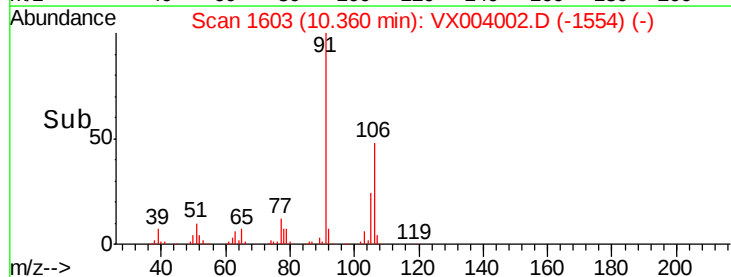
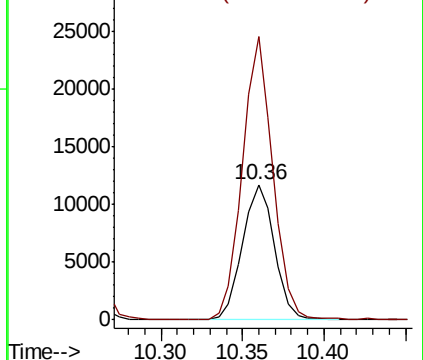


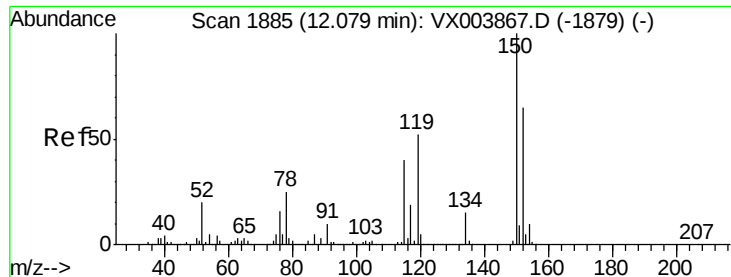
#68
m/p-Xylenes
Concen: 2.02 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX004002.D
Acq: 13 Aug 2018 16:08

Tgt Ion:106 Resp: 16100
Ion Ratio Lower Upper
106 100
91 198.5 162.3 243.5



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX004002.D

Acq: 13 Aug 2018 16:08

Instrument :

MSVOA_X

ClientSampled :

SP-1-7

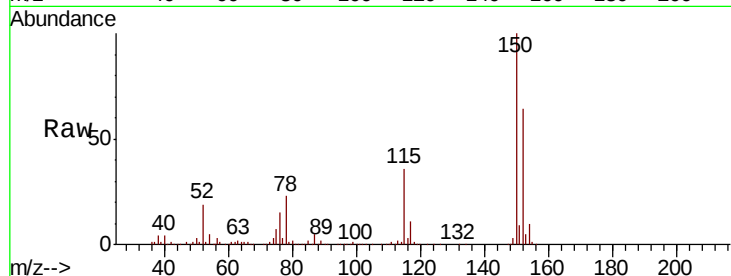
Tot Ion:152 Resp: 257878

Ion Ratio Lower Upper

152 100

115 55.1 39.1 117.3

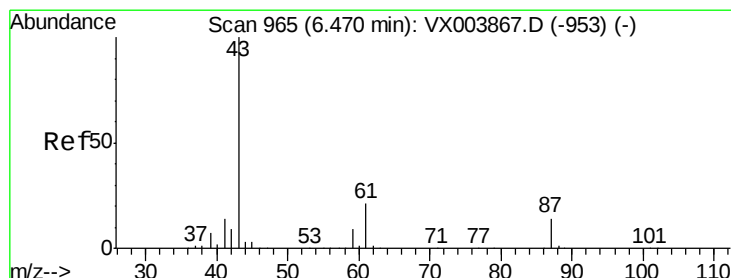
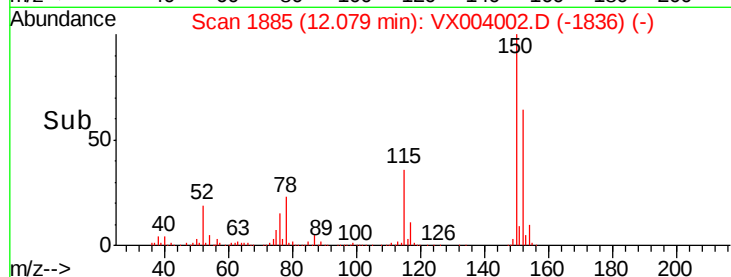
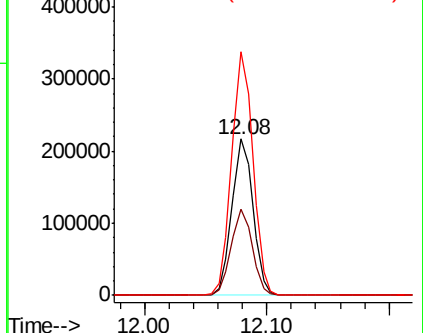
150 156.7 0.0 349.2



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



#74

N-ethyl acetate

Concen: 15.24 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX004002.D

Acq: 13 Aug 2018 16:08

Tgt Ion: 43 Resp: 151206

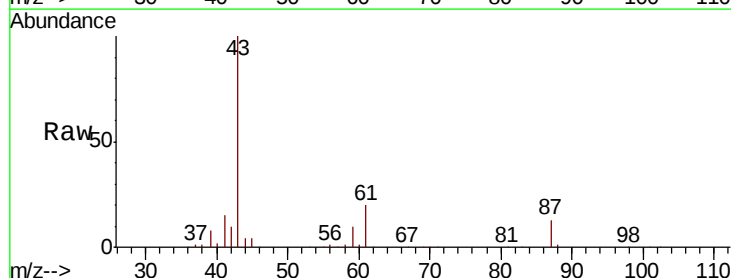
Ion Ratio Lower Upper

43 100

70 0.5 0.0 0.0#

55 0.7 0.1 0.1#

61 20.4 16.9 25.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

