

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111518\
 Data File : VX006033.D
 Acq On : 15 Nov 2018 21:06
 Operator : JC/MD
 Sample : J5911-05 10X
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-07(10-12)

Quant Time: Nov 16 09:37:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

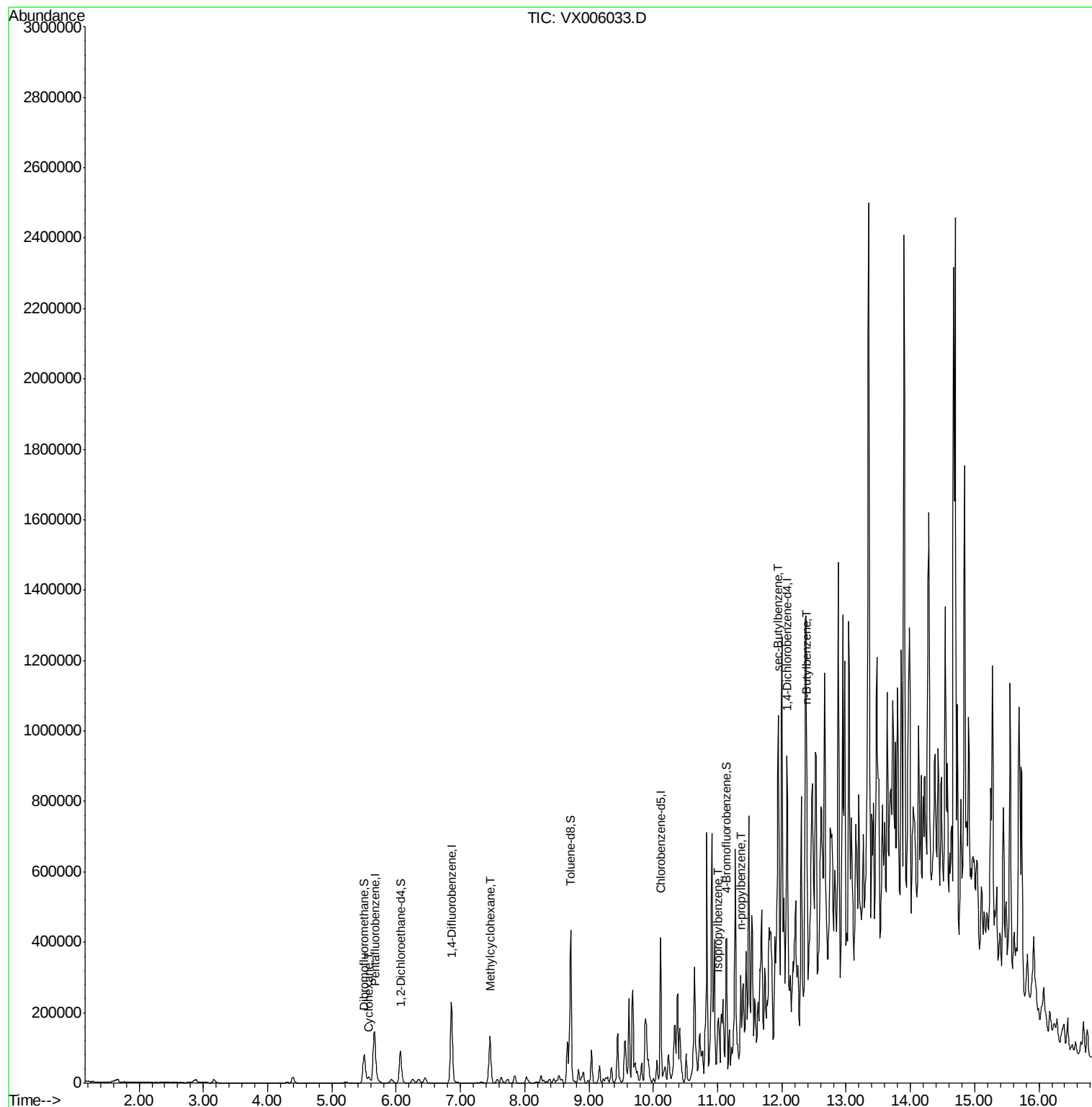
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	157478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	235142	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	190115	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	130561	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	86279	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
35) Dibromofluoromethane	5.50	113	71177	44.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.00%	
50) Toluene-d8	8.71	98	253495	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.36%	
62) 4-Bromofluorobenzene	11.14	95	98836	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
Target Compounds						
31) Cyclohexane	5.57	56	11821	4.69	ug/l	96
39) Methylcyclohexane	7.46	83	56371	24.54	ug/l #	86
73) Isopropylbenzene	11.02	105	52925	7.01	ug/l	100
78) n-propylbenzene	11.36	91	139751	15.71	ug/l	98
85) sec-Butylbenzene	11.94	105	149306	18.81	ug/l	82
89) n-Butylbenzene	12.39	91	120771	18.53	ug/l	85

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006033.D

Acq: 15 Nov 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

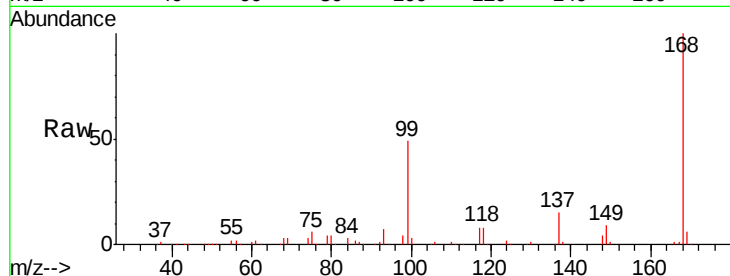
FDSB-07(10-12)

Tgt Ion:168 Resp: 157478

Ion Ratio Lower Upper

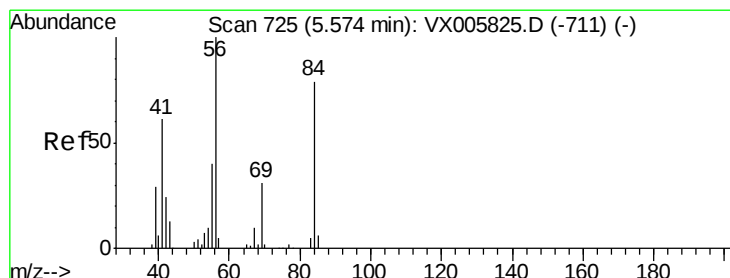
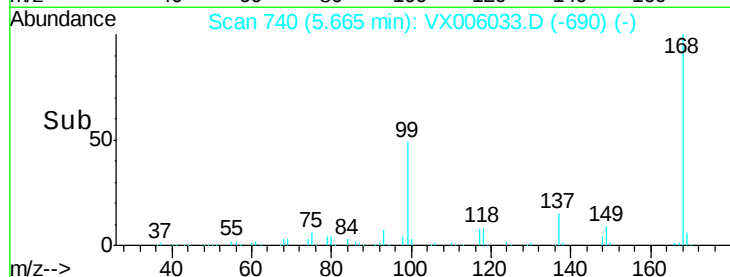
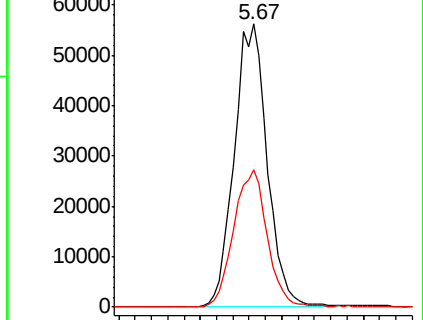
168 100

99 48.7 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#31

Cyclohexane

Concen: 4.69 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX006033.D

Acq: 15 Nov 2018 21:06

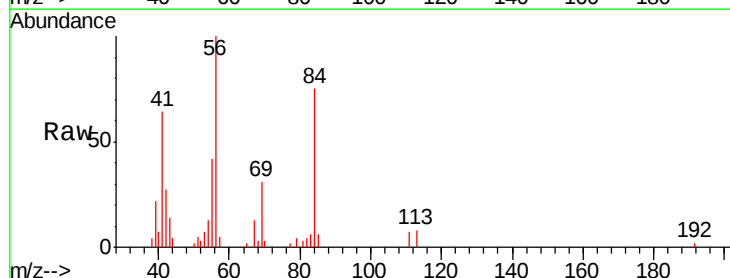
Tgt Ion: 56 Resp: 11821

Ion Ratio Lower Upper

56 100

69 30.9 22.6 34.0

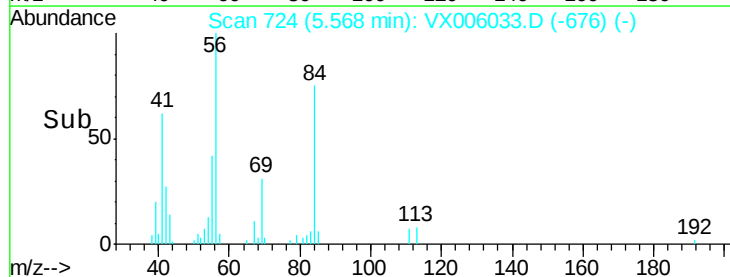
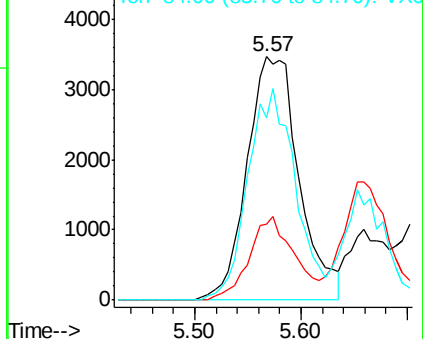
84 75.0 62.7 94.1

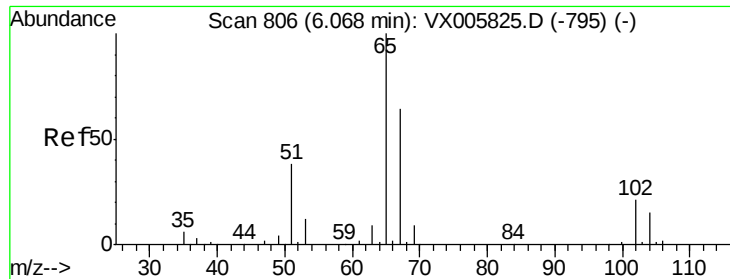


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

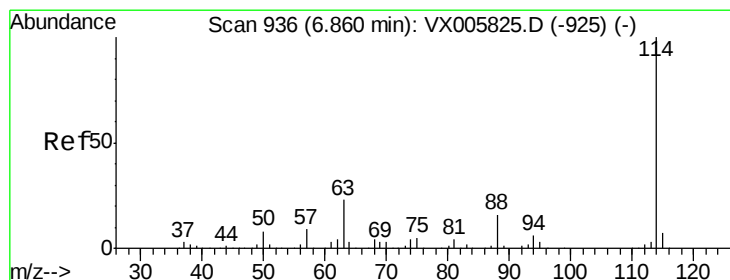
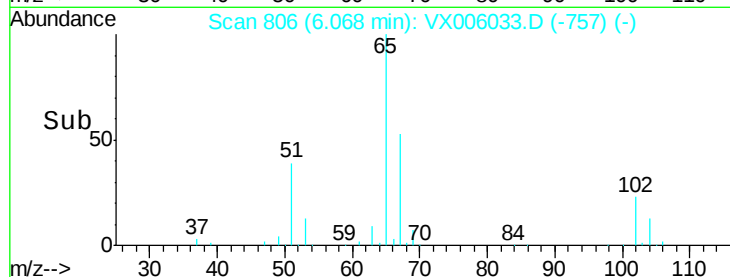
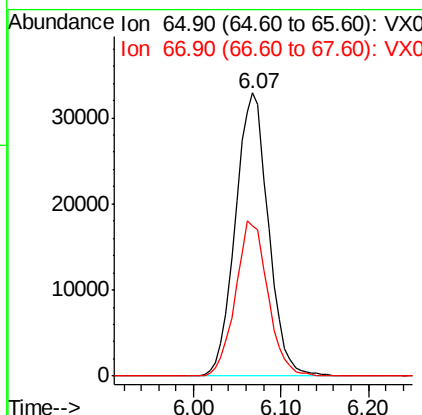
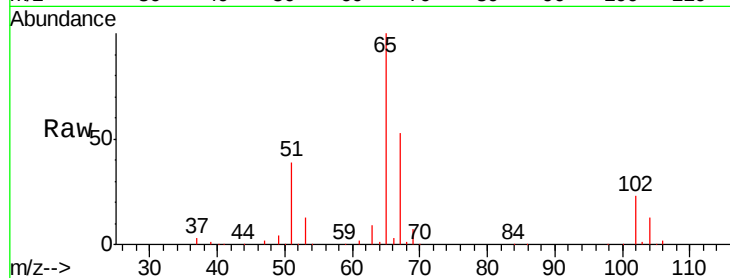




#33
 1,2-Dichloroethane-d4
 Concen: 47.66 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006033.D
 Acq: 15 Nov 2018 21:06

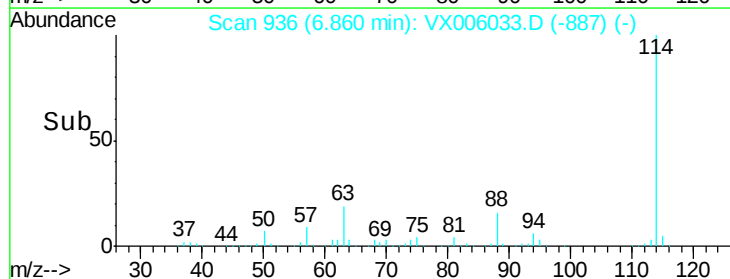
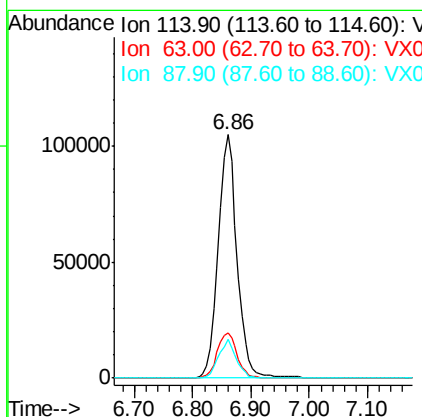
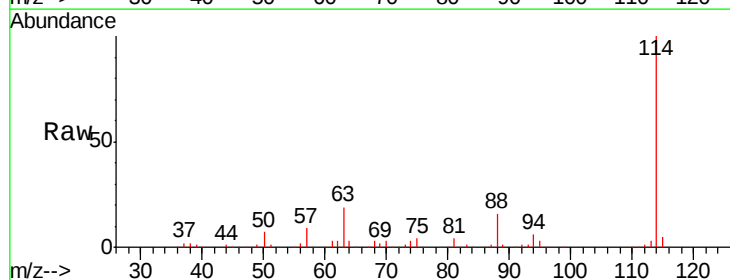
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-07(10-12)

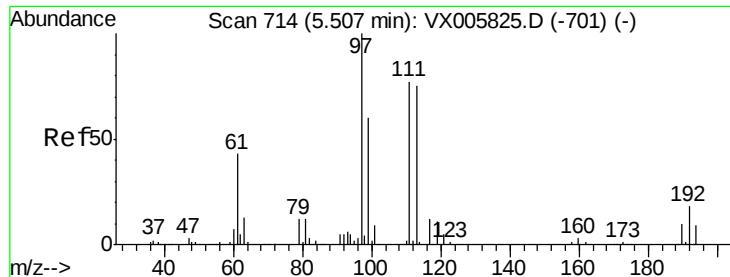
Tgt Ion: 65 Resp: 86279
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006033.D
 Acq: 15 Nov 2018 21:06

Tgt Ion: 114 Resp: 235142
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 42.8
 88 16.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 44.50 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX006033.D

Acq: 15 Nov 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

FDSB-07(10-12)

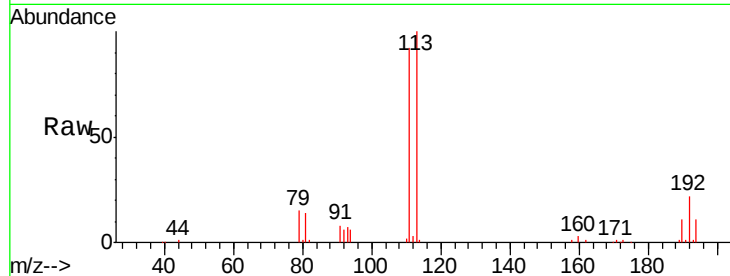
Tgt Ion:113 Resp: 71177

Ion Ratio Lower Upper

113 100

111 98.6 82.3 123.5

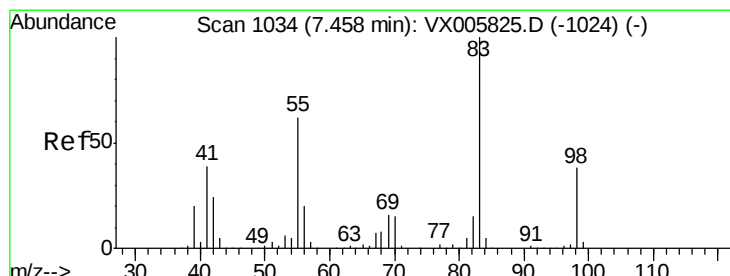
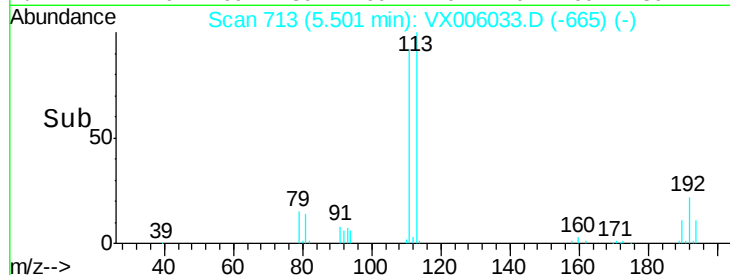
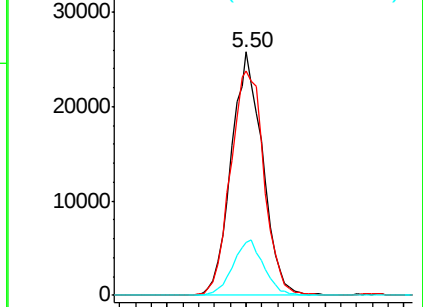
192 22.2 17.9 26.9



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



#39

Methylcyclohexane

Concen: 24.54 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX006033.D

Acq: 15 Nov 2018 21:06

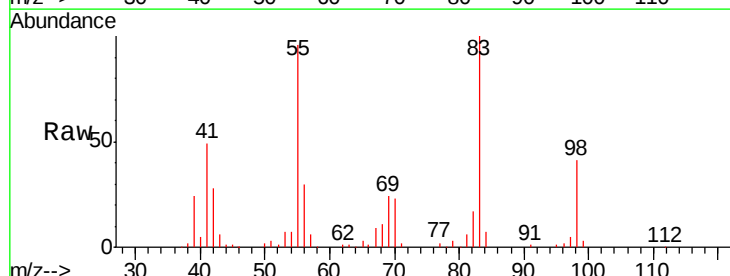
Tgt Ion: 83 Resp: 56371

Ion Ratio Lower Upper

83 100

55 95.7 63.7 95.5#

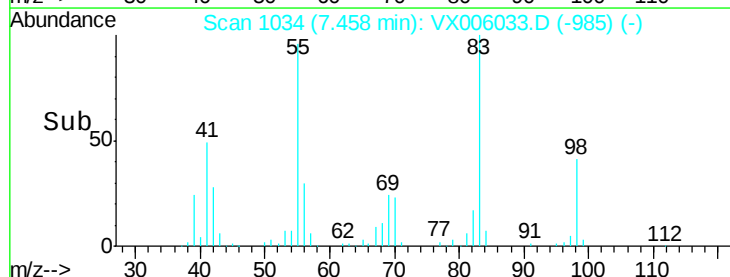
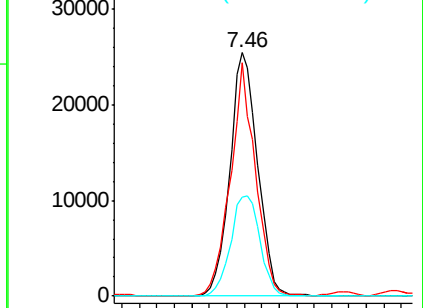
98 40.8 36.2 54.2

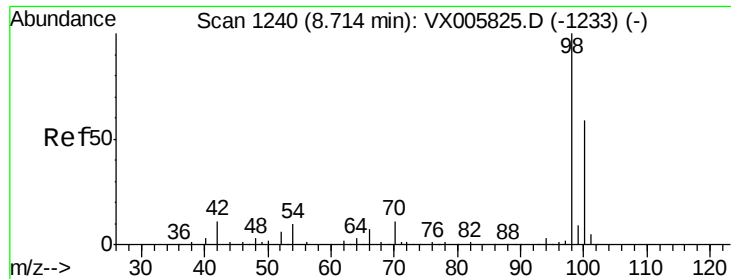


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 47.68 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006033.D

Acq: 15 Nov 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

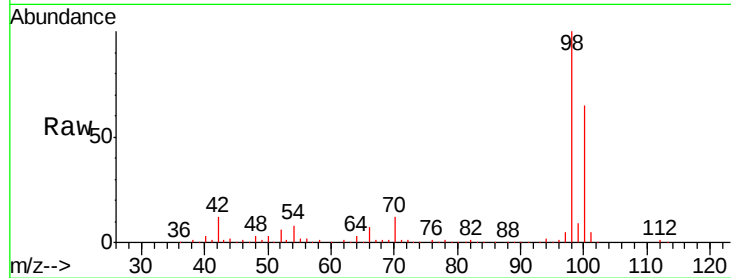
FDSB-07(10-12)

Tgt Ion: 98 Resp: 253495

Ion Ratio Lower Upper

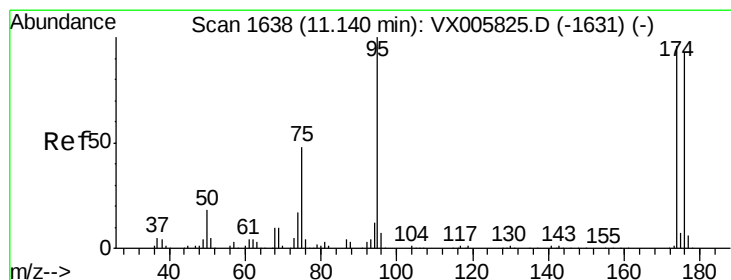
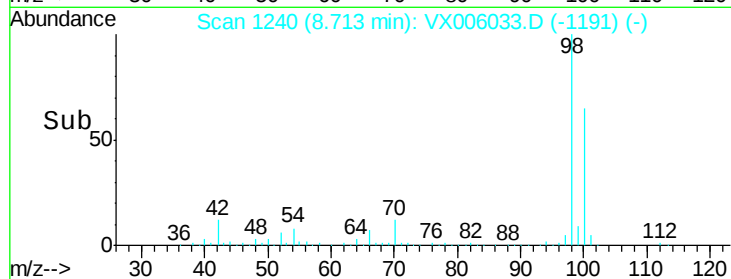
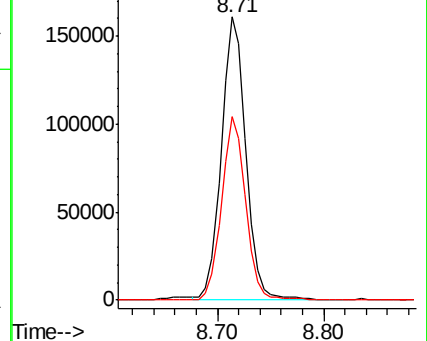
98 100

100 64.7 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 51.70 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006033.D

Acq: 15 Nov 2018 21:06

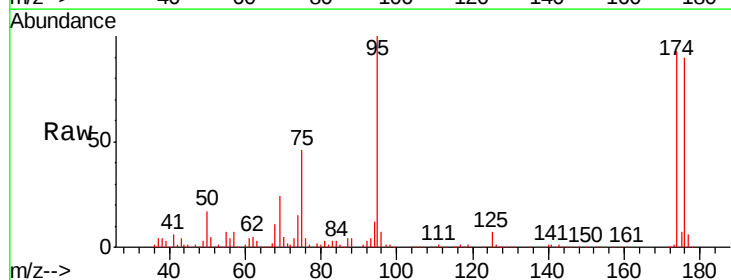
Tgt Ion: 95 Resp: 98836

Ion Ratio Lower Upper

95 100

174 86.1 0.0 184.4

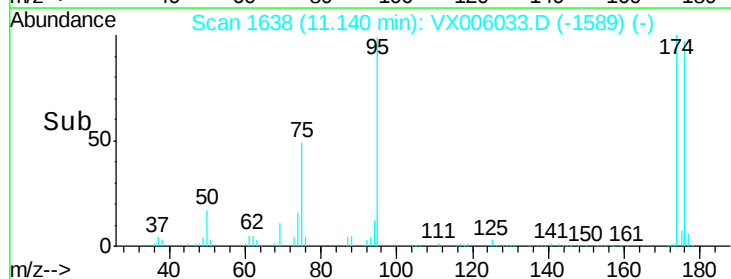
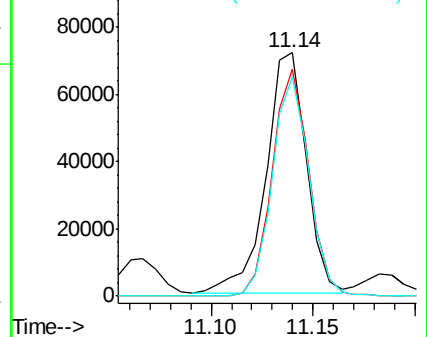
176 83.3 0.0 177.4

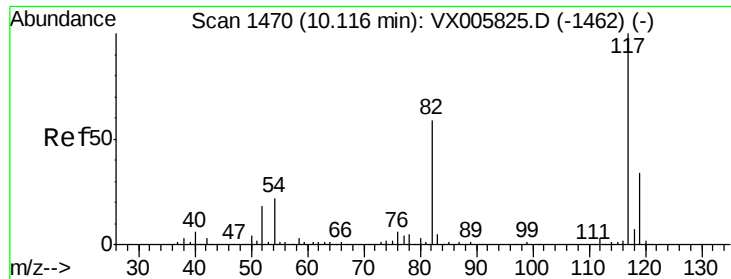


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

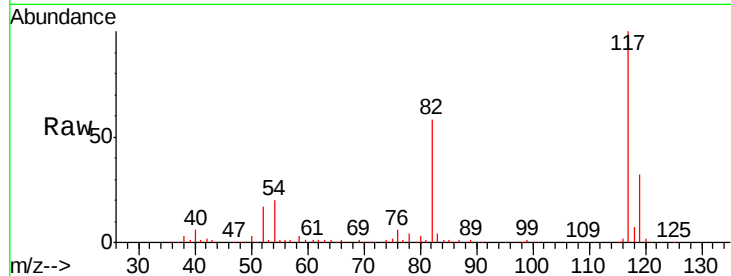




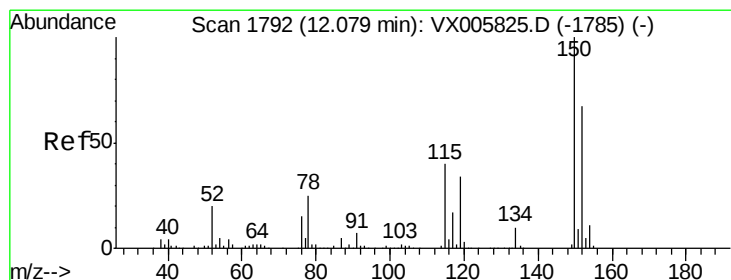
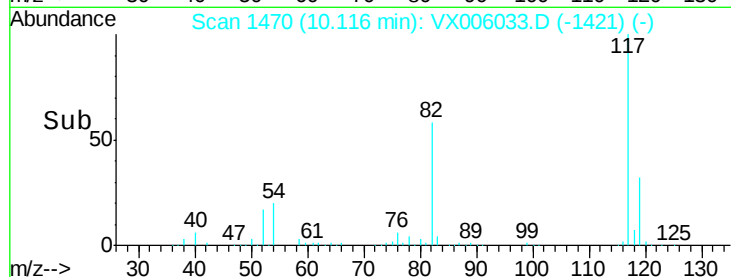
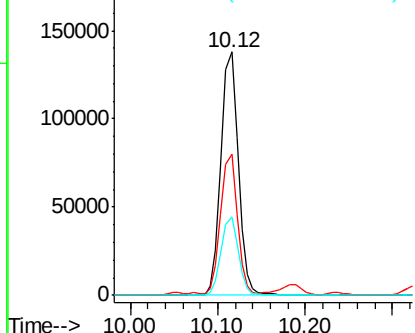
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006033.D
Acq: 15 Nov 2018 21:06

Instrument :
MSVOA_X
ClientSampleId :
FDSB-07(10-12)

Tgt Ion:117 Resp: 190115
Ion Ratio Lower Upper
117 100
82 56.9 44.1 66.1
119 32.5 26.2 39.2

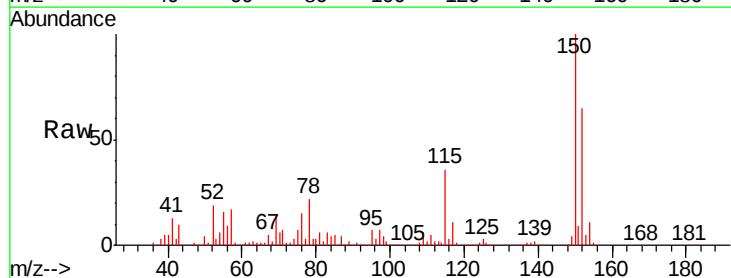


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

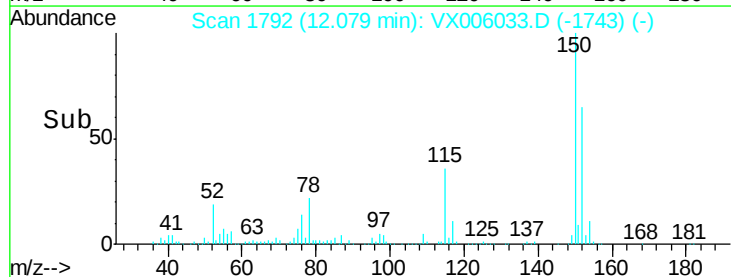
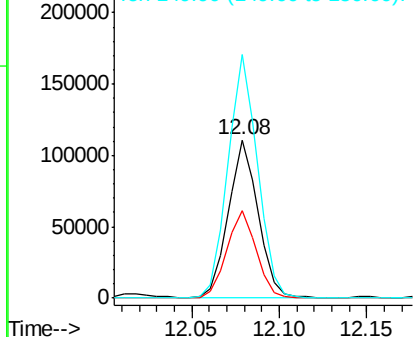


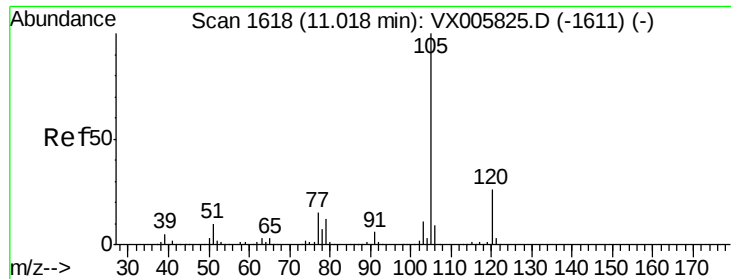
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006033.D
Acq: 15 Nov 2018 21:06

Tgt Ion:152 Resp: 130561
Ion Ratio Lower Upper
152 100
115 54.9 39.4 118.1
150 154.0 0.0 346.4



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





#73

Isopropylbenzene

Concen: 7.01 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006033.D

Acq: 15 Nov 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

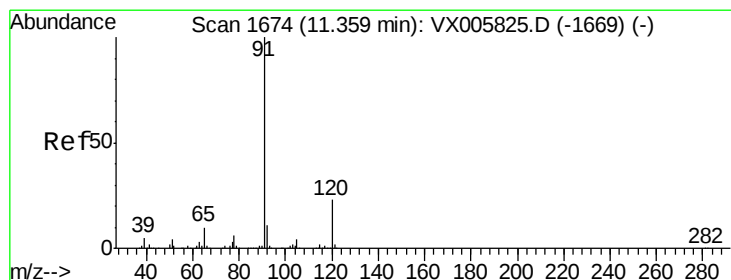
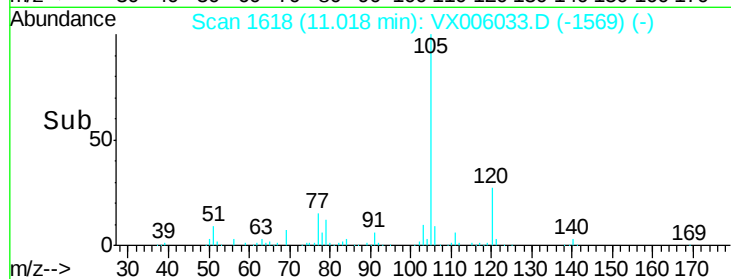
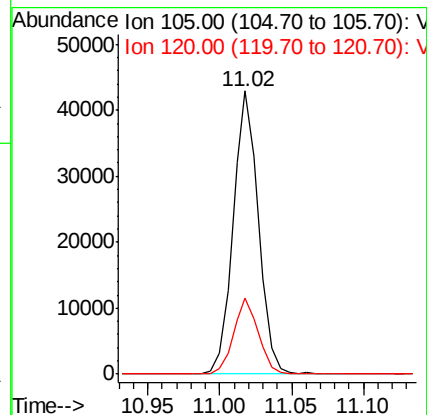
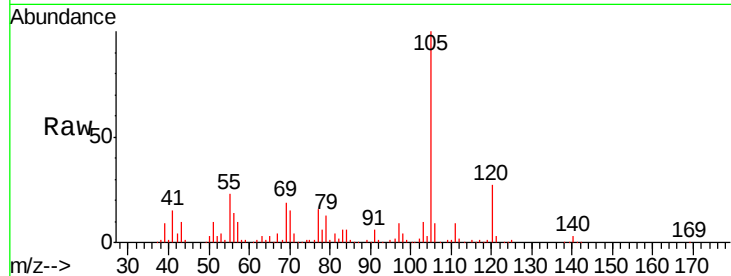
FDSB-07(10-12)

Tgt Ion: 105 Resp: 52925

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.3



#78

n-propylbenzene

Concen: 15.71 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006033.D

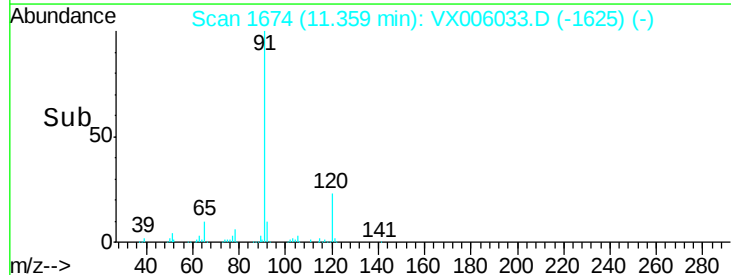
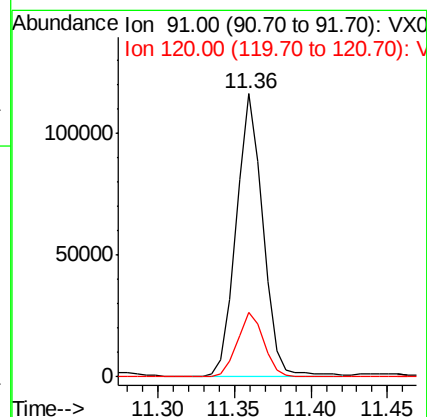
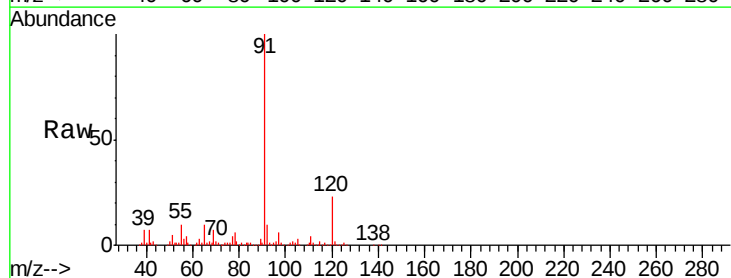
Acq: 15 Nov 2018 21:06

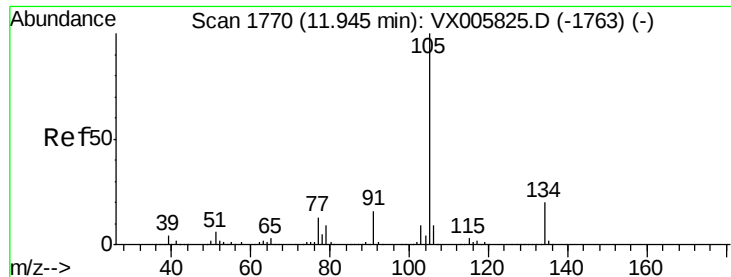
Tgt Ion: 91 Resp: 139751

Ion Ratio Lower Upper

91 100

120 22.8 11.9 35.5





#85

sec-Butylbenzene

Concen: 18.81 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006033.D

Acq: 15 Nov 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

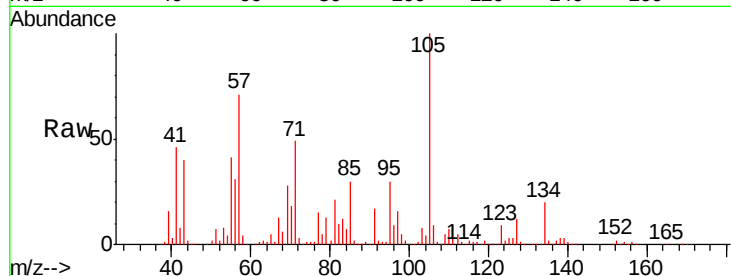
FDSB-07(10-12)

Tgt Ion: 105 Resp: 149306

Ion Ratio Lower Upper

105 100

134 28.8 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

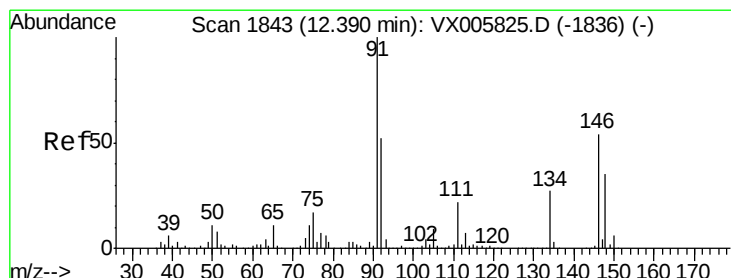
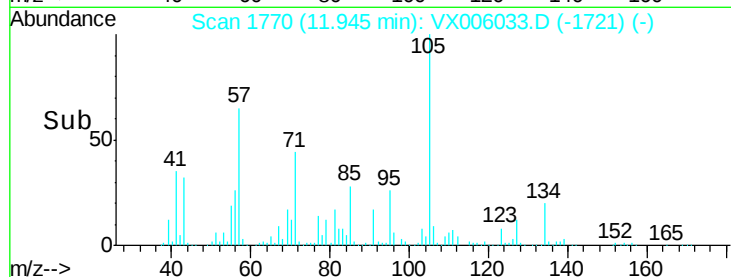
11.94

100000

50000

0

Time-->



#89

n-Butylbenzene

Concen: 18.53 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006033.D

Acq: 15 Nov 2018 21:06

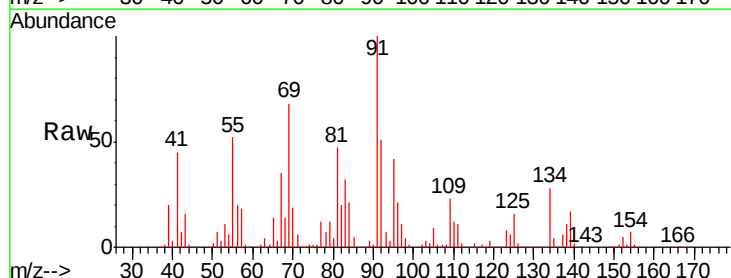
Tgt Ion: 91 Resp: 120771

Ion Ratio Lower Upper

91 100

92 45.4 26.1 78.2

134 39.1 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

120000

100000

80000

60000

40000

20000

0

Time-->

