

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111518\
 Data File : VX006031.D
 Acq On : 15 Nov 2018 20:13
 Operator : JC/MD
 Sample : J5911-08
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-06(21-23)

Quant Time: Nov 16 09:35:11 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	5.65	168	147105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	215025	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	180652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	120488	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	82013	48.50	ug/l	0.00
Spiked Amount			Recovery	=	97.00%	
35) Dibromofluoromethane	5.50	113	64938	44.40	ug/l	0.00
Spiked Amount			Recovery	=	88.80%	
50) Toluene-d8	8.71	98	241947	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	11.14	95	93727	53.62	ug/l	0.00
Spiked Amount			Recovery	=	107.24%	

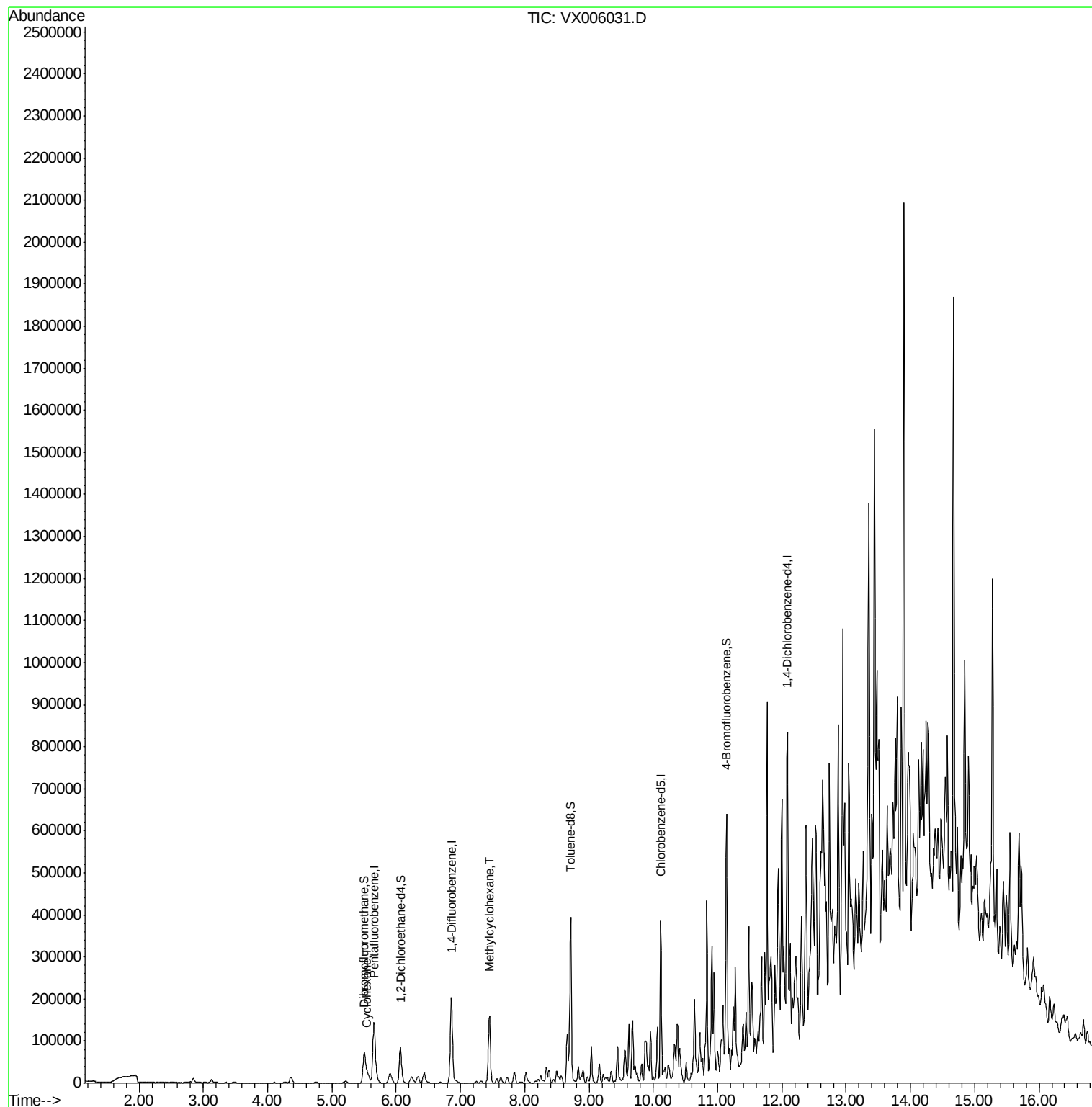
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.56	56	13696	5.81	ug/l	95
39) Methylcyclohexane	7.46	83	66015	31.42	ug/l	94

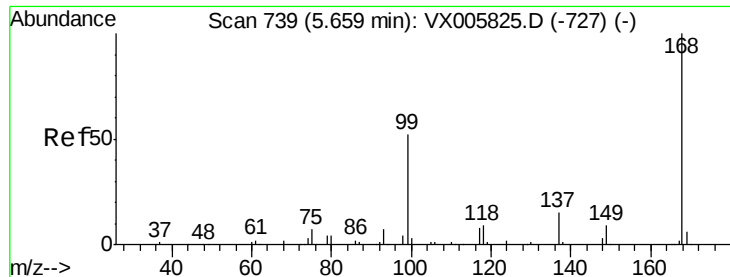
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX006031.D

Acq: 15 Nov 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

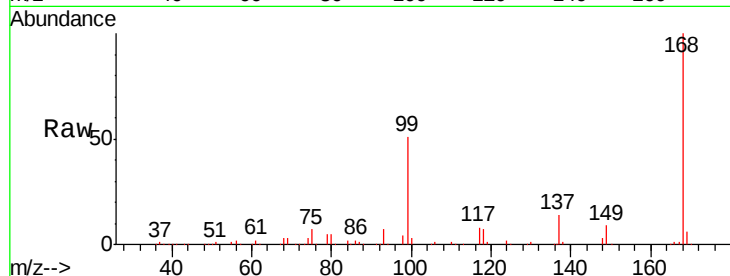
FDSB-06(21-23)

Tgt Ion:168 Resp: 147105

Ion Ratio Lower Upper

168 100

99 50.7 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

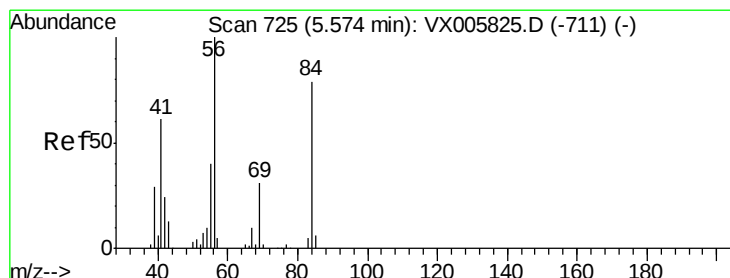
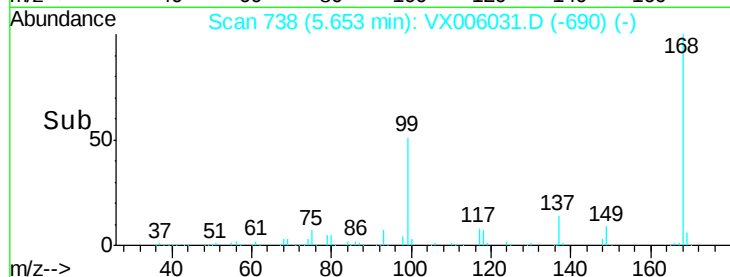
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 5.81 ug/l

RT: 5.56 min Scan# 722

Delta R.T. -0.02 min

Lab File: VX006031.D

Acq: 15 Nov 2018 20:13

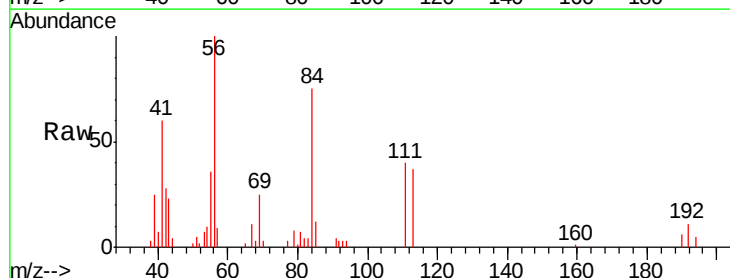
Tgt Ion: 56 Resp: 13696

Ion Ratio Lower Upper

56 100

69 23.7 22.6 34.0

84 74.8 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

5.56

5000

4000

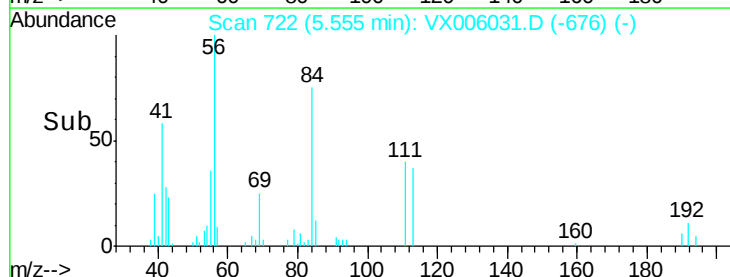
3000

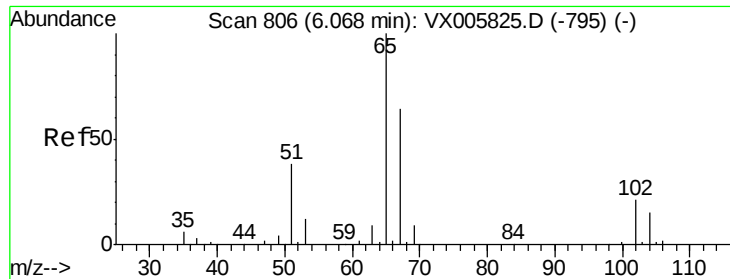
2000

1000

0

Time--> 5.50 5.60

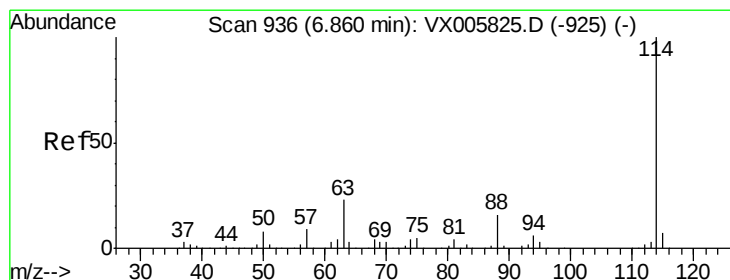
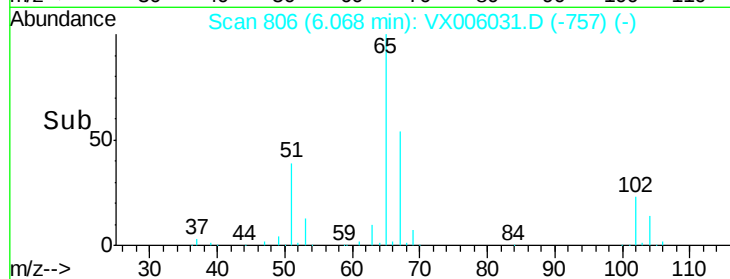
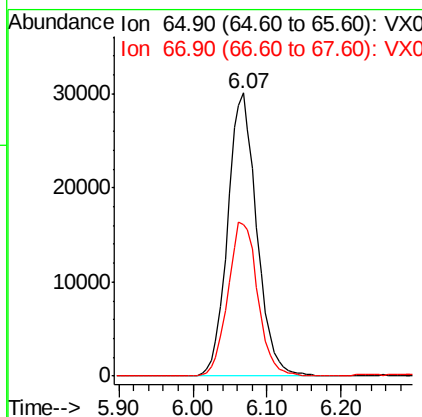
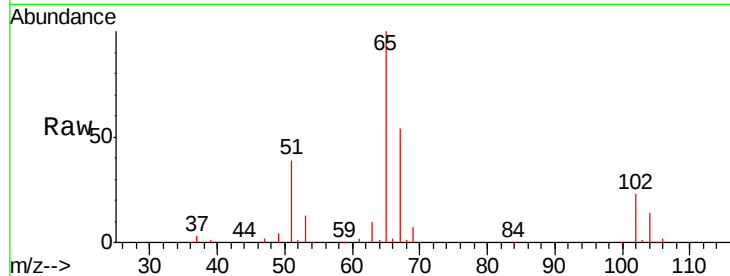




#33
 1,2-Dichloroethane-d4
 Concen: 48.50 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006031.D
 Acq: 15 Nov 2018 20:13

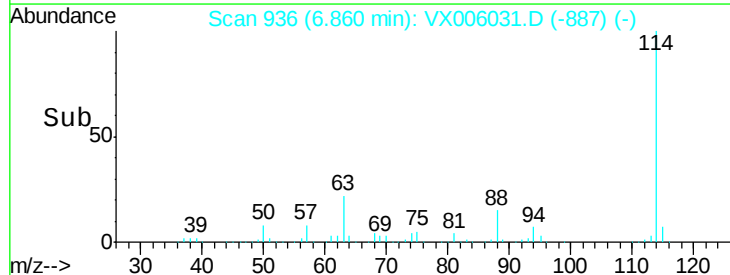
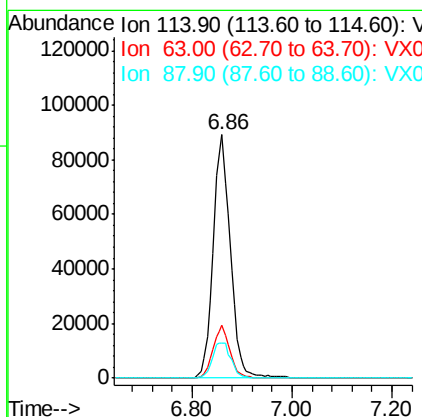
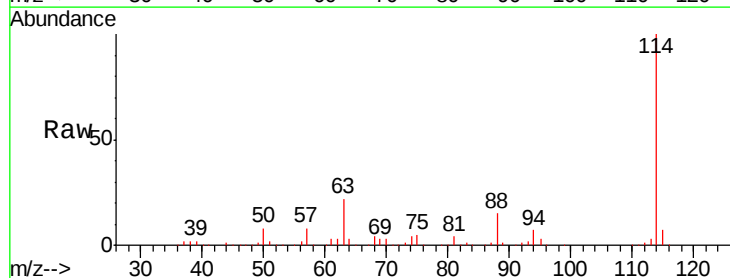
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-06(21-23)

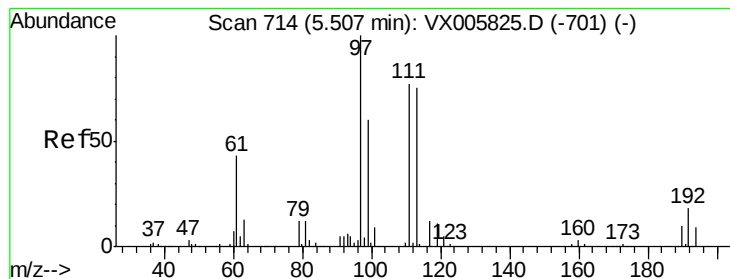
Tgt Ion: 65 Resp: 82013
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006031.D
 Acq: 15 Nov 2018 20:13

Tgt Ion: 114 Resp: 215025
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 42.8
 88 14.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 44.40 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX006031.D

Acq: 15 Nov 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

FDSB-06(21-23)

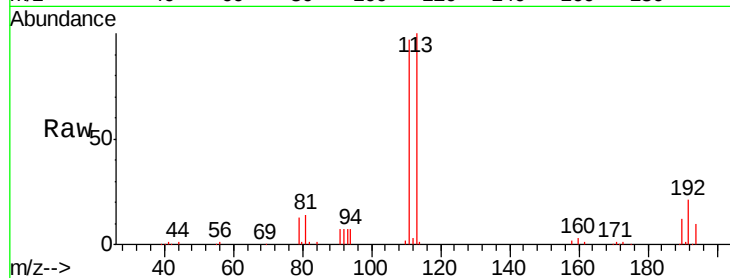
Tgt Ion:113 Resp: 64938

Ion Ratio Lower Upper

113 100

111 104.7 82.3 123.5

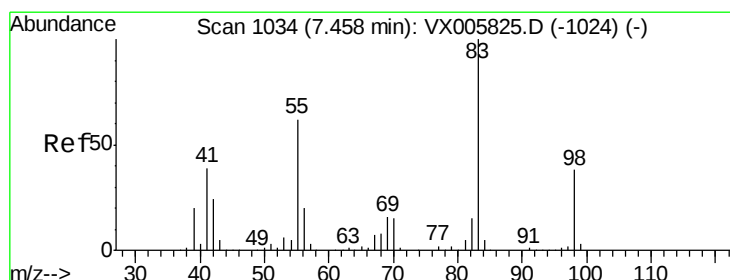
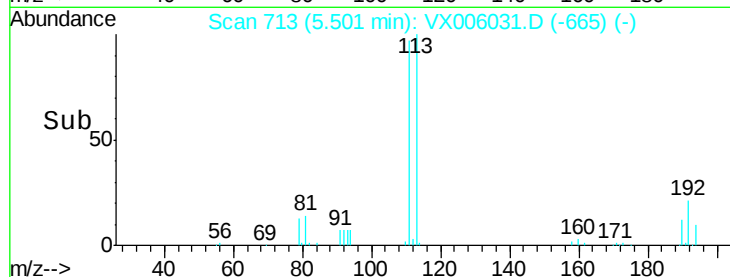
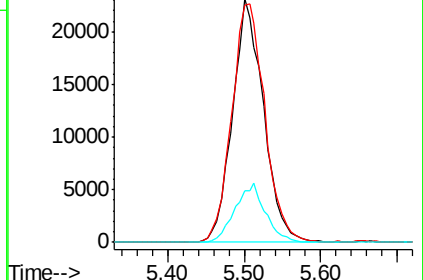
192 23.7 17.9 26.9



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: 31.42 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX006031.D

Acq: 15 Nov 2018 20:13

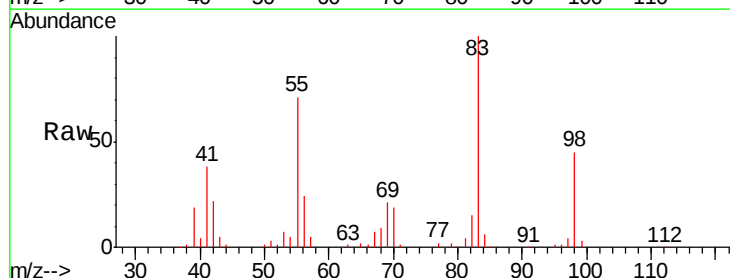
Tgt Ion: 83 Resp: 66015

Ion Ratio Lower Upper

83 100

55 70.7 63.7 95.5

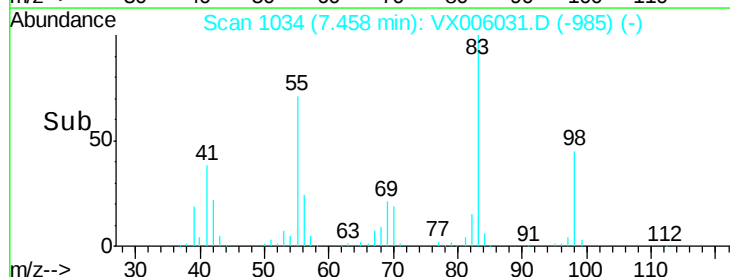
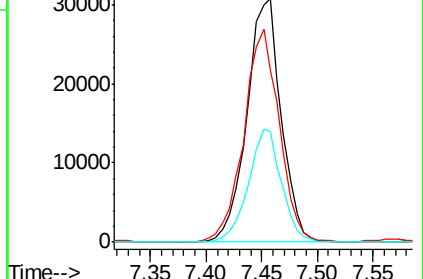
98 45.3 36.2 54.2

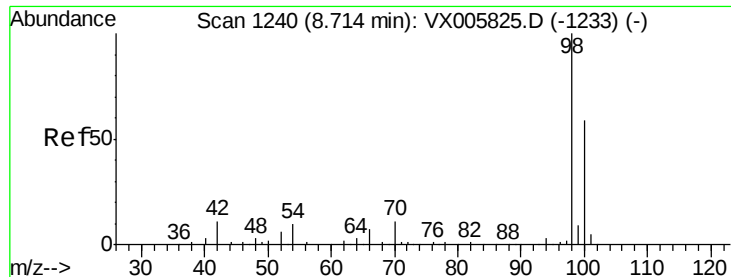


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 49.76 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006031.D

Acq: 15 Nov 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

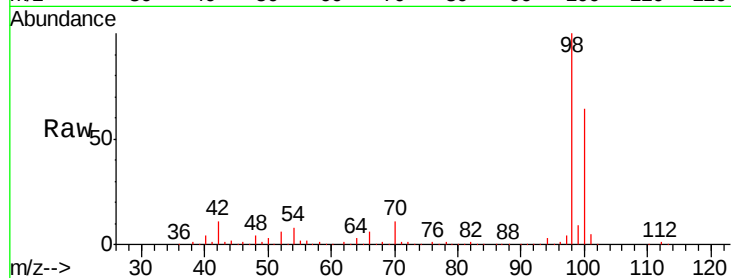
FDSB-06(21-23)

Tgt Ion: 98 Resp: 241947

Ion Ratio Lower Upper

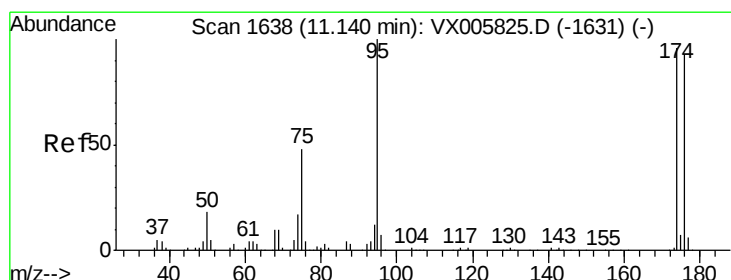
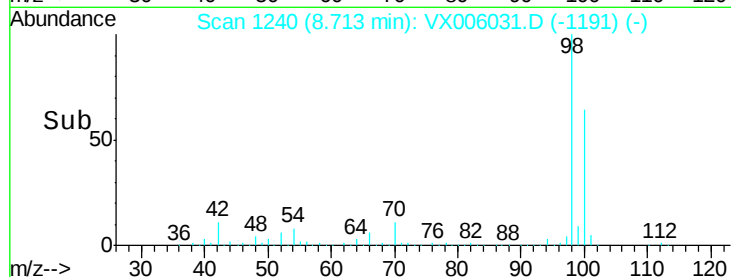
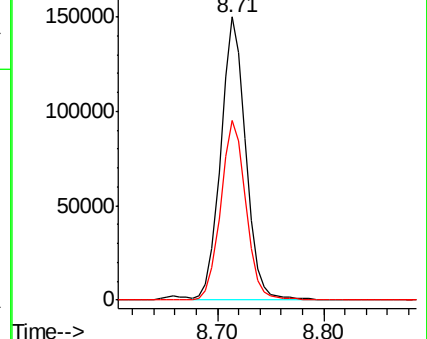
98 100

100 64.9 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: 53.62 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006031.D

Acq: 15 Nov 2018 20:13

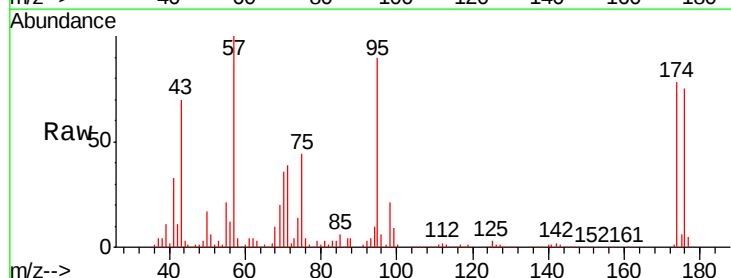
Tgt Ion: 95 Resp: 93727

Ion Ratio Lower Upper

95 100

174 84.5 0.0 184.4

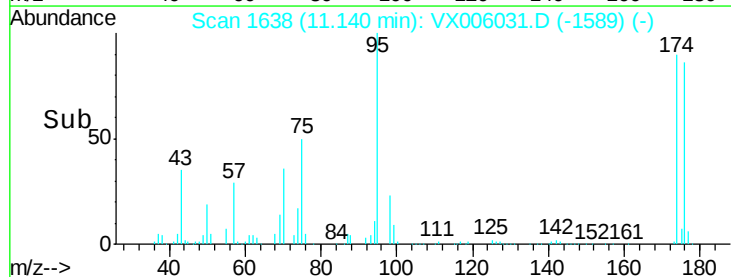
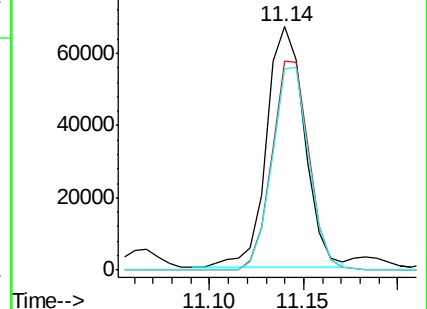
176 81.4 0.0 177.4

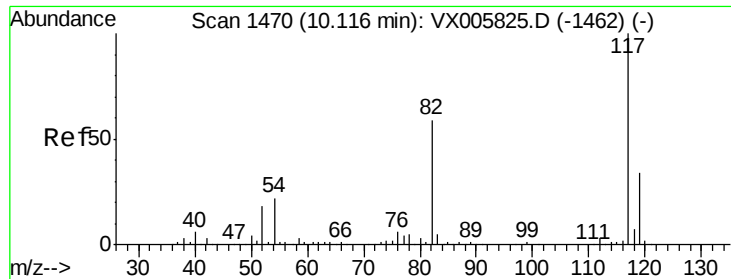


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

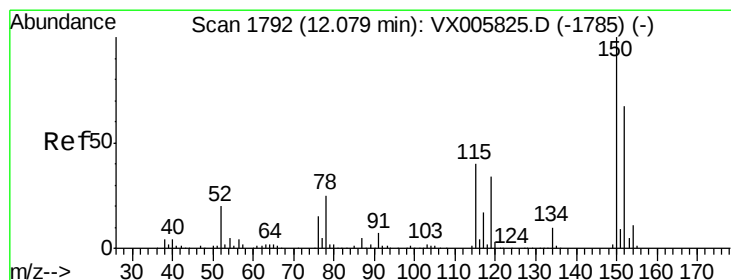
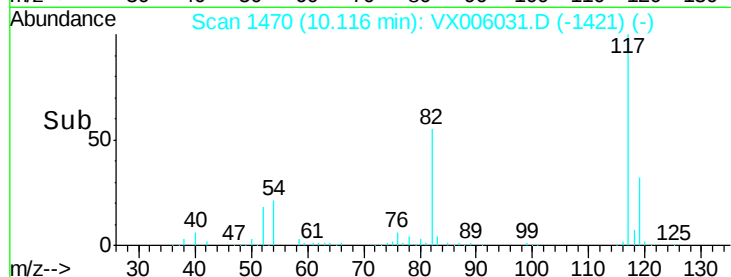
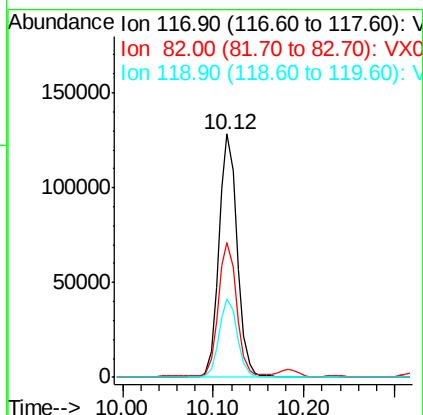
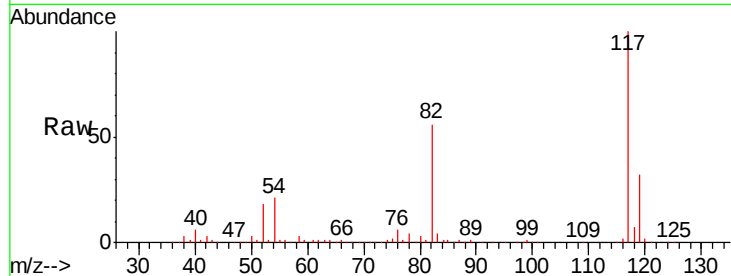




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006031.D
Acq: 15 Nov 2018 20:13

Instrument :
MSVOA_X
ClientSampleId :
FDSB-06(21-23)

Tgt Ion:117 Resp: 180652
Ion Ratio Lower Upper
117 100
82 54.9 44.1 66.1
119 32.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006031.D
Acq: 15 Nov 2018 20:13

Tgt Ion:152 Resp: 120488
Ion Ratio Lower Upper
152 100
115 55.3 39.4 118.1
150 156.1 0.0 346.4

