

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111518\
 Data File : VX006020.D
 Acq On : 15 Nov 2018 15:20
 Operator : JC/MD
 Sample : J5911-01ME
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-09(10-12)ME

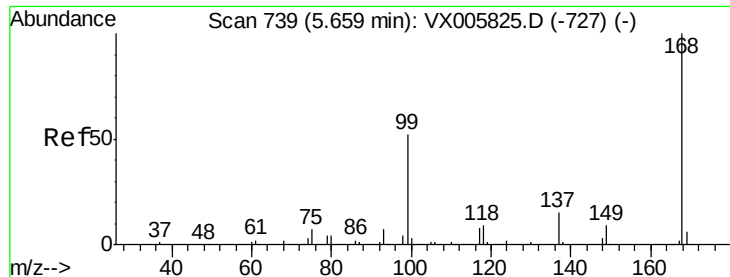
Quant Time: Nov 16 06:09:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	142397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	203375	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	172163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	92573	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	79822	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
35) Dibromofluoromethane	5.51	113	61194	44.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.48%	
50) Toluene-d8	8.71	98	245637	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	
62) 4-Bromofluorobenzene	11.14	95	95978	58.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.10%	

Target Compounds						Qvalue
31) Cyclohexane	5.57	56	28717	12.59	ug/l	# 75
39) Methylcyclohexane	7.45	83	227991	114.74	ug/l	96
73) Isopropylbenzene	11.02	105	72005	13.45	ug/l	99
78) n-propylbenzene	11.37	91	163801	25.96	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	21223	4.67	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	51873	10.24	ug/l	96
85) sec-Butylbenzene	11.95	105	68646	12.20	ug/l	93
86) p-Isopropyltoluene	12.07	119	94907	19.04	ug/l	93
89) n-Butylbenzene	12.39	91	136658	29.58	ug/l	# 72
95) Naphthalene	13.83	128	31585	5.81	ug/l	# 84

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX006020.D

Acq: 15 Nov 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

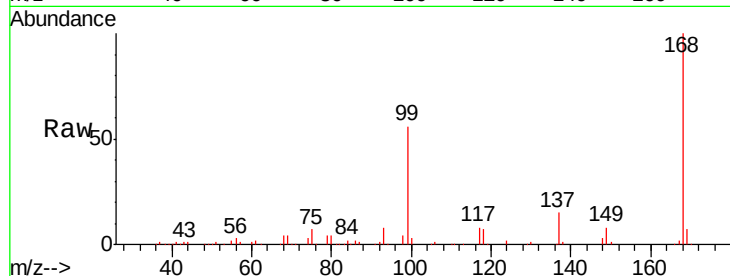
FDSB-09(10-12)ME

Tgt Ion:168 Resp: 142397

Ion Ratio Lower Upper

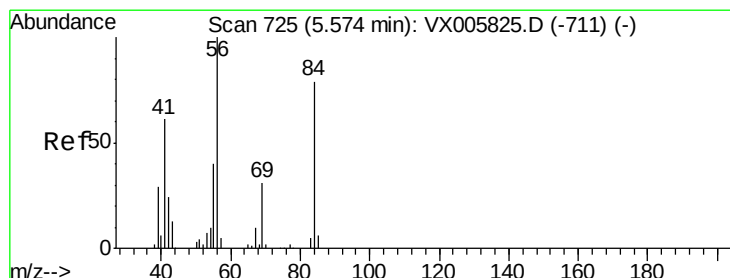
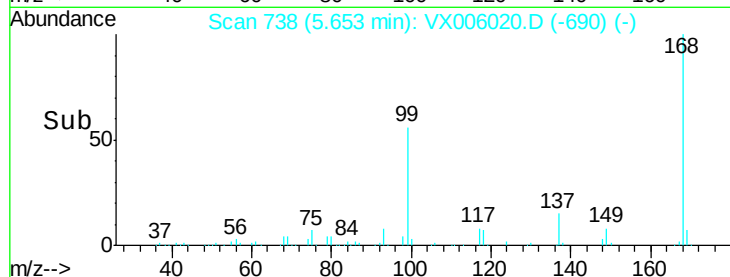
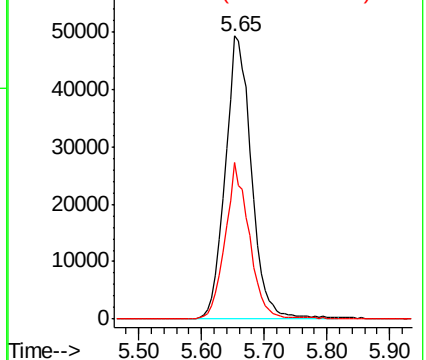
168 100

99 55.6 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: 12.59 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX006020.D

Acq: 15 Nov 2018 15:20

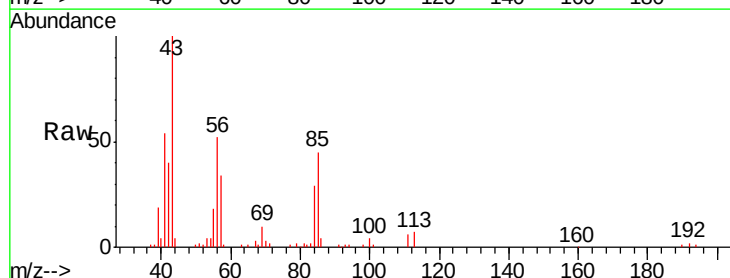
Tgt Ion: 56 Resp: 28717

Ion Ratio Lower Upper

56 100

69 18.0 22.6 34.0#

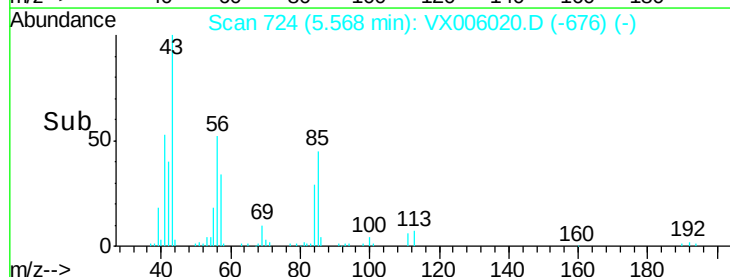
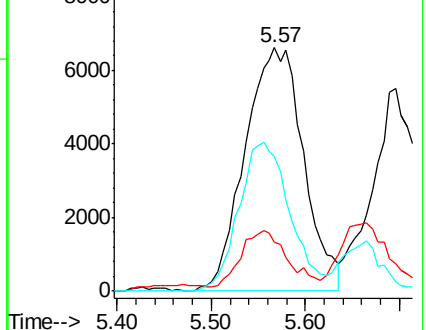
84 55.2 62.7 94.1#

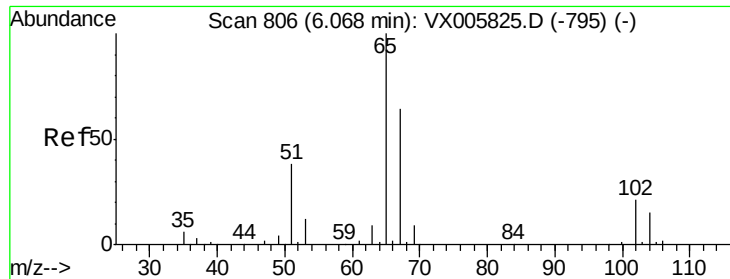


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

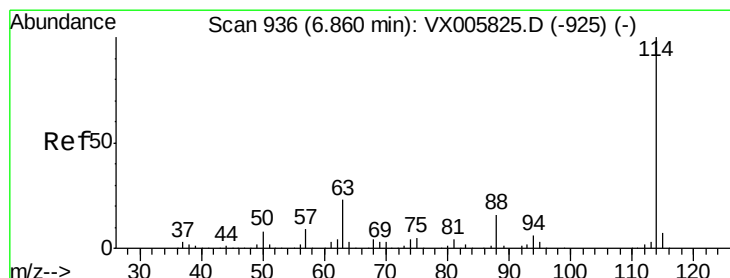
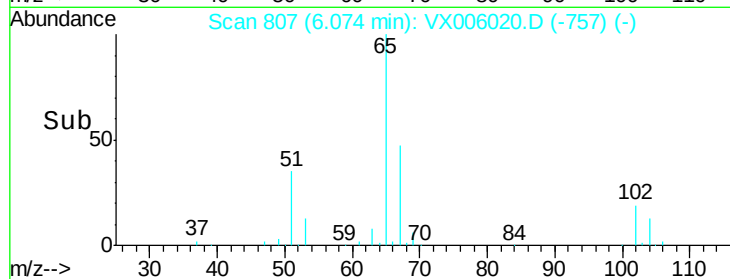
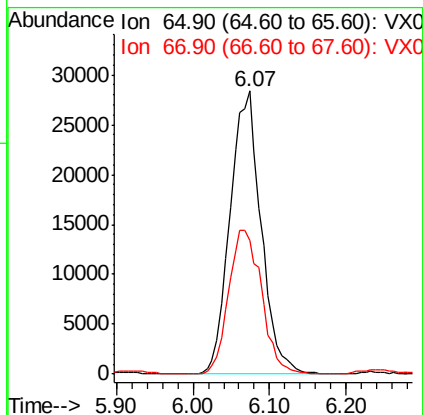
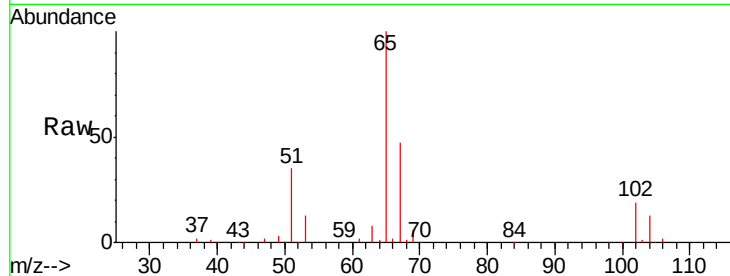




#33
 1,2-Dichloroethane-d4
 Concen: 48.76 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX006020.D
 Acq: 15 Nov 2018 15:20

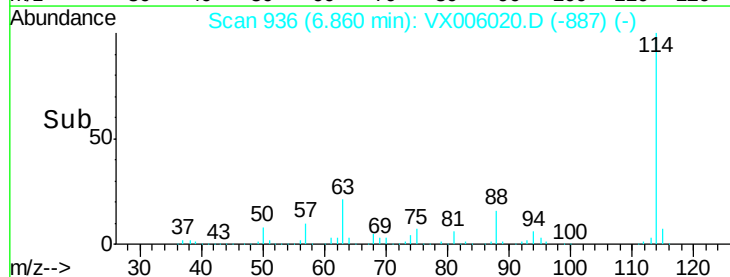
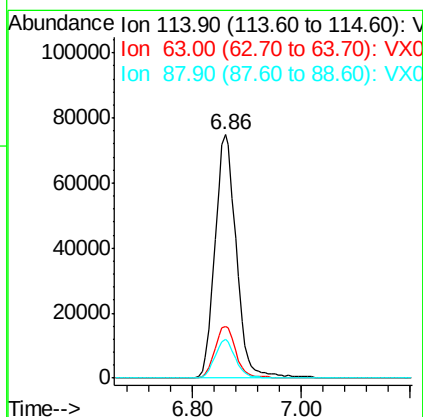
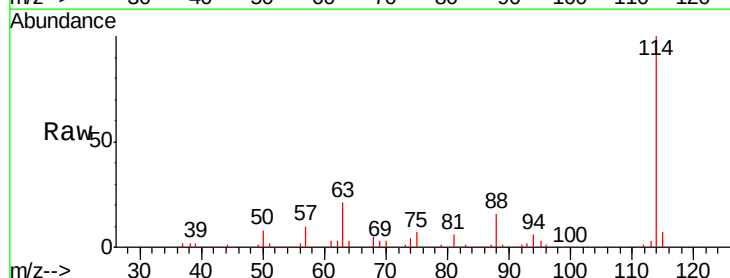
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-09(10-12)ME

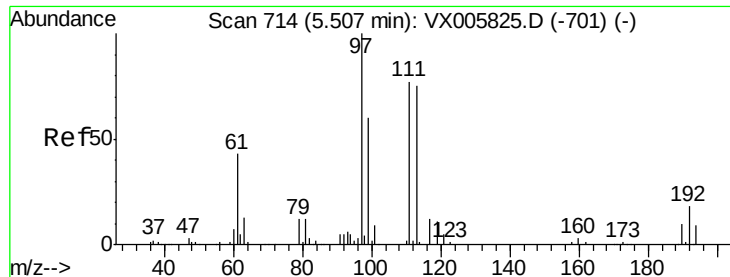
Tgt Ion: 65 Resp: 79822
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006020.D
 Acq: 15 Nov 2018 15:20

Tgt Ion: 114 Resp: 203375
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.8
 88 15.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 44.24 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX006020.D

Acq: 15 Nov 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

FDSB-09(10-12)ME

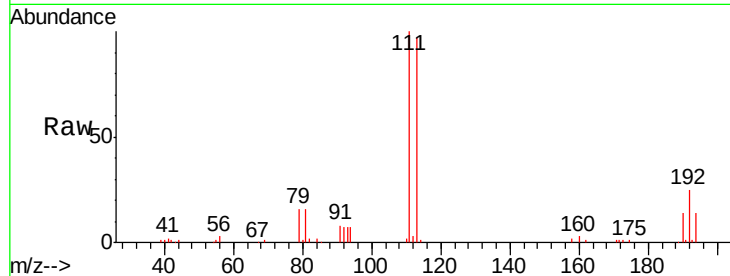
Tgt Ion:113 Resp: 61194

Ion Ratio Lower Upper

113 100

111 104.9 82.3 123.5

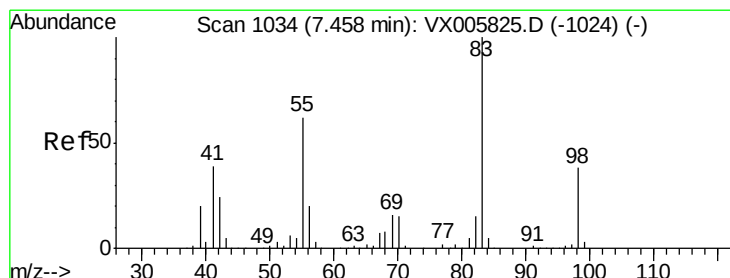
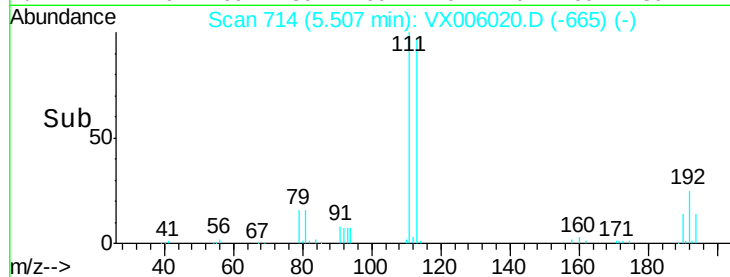
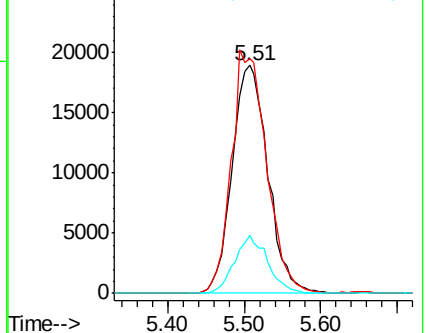
192 23.4 17.9 26.9



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: 114.74 ug/l

RT: 7.45 min Scan# 1032

Delta R.T. -0.01 min

Lab File: VX006020.D

Acq: 15 Nov 2018 15:20

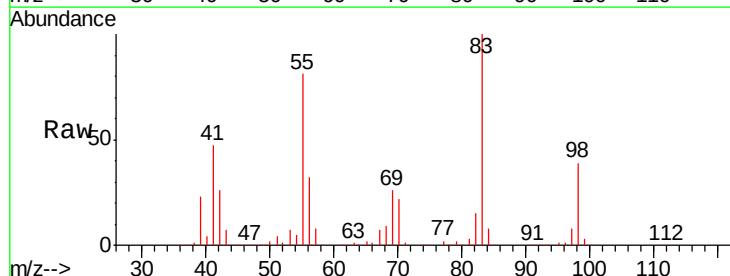
Tgt Ion: 83 Resp: 227991

Ion Ratio Lower Upper

83 100

55 80.6 63.7 95.5

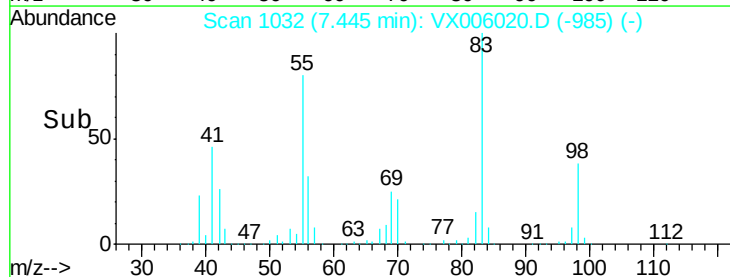
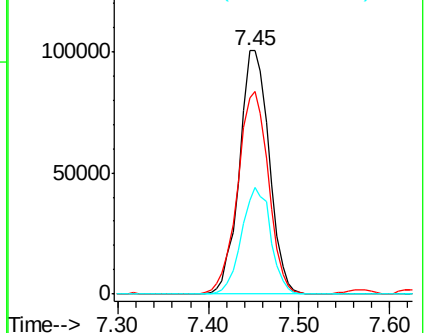
98 38.6 36.2 54.2

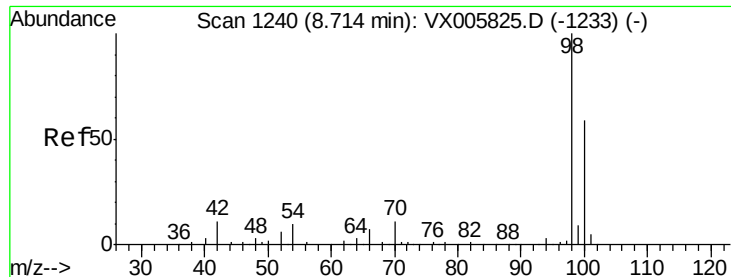


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 53.41 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006020.D

Acq: 15 Nov 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

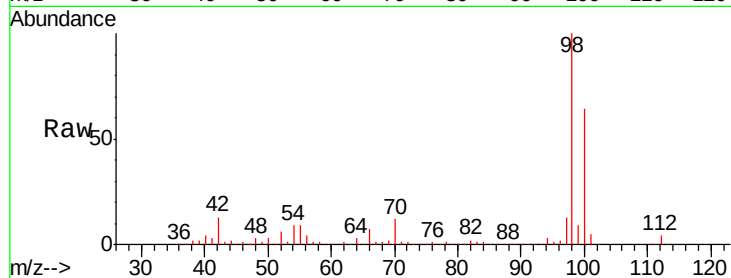
FDSB-09(10-12)ME

Tgt Ion: 98 Resp: 245637

Ion Ratio Lower Upper

98 100

100 63.0 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

150000

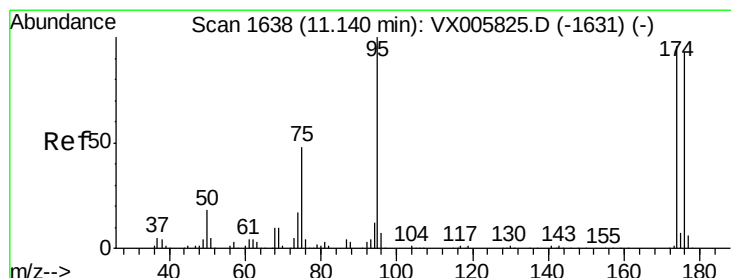
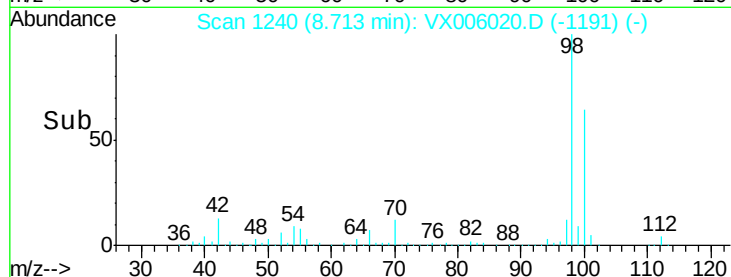
100000

50000

0

8.65 8.70 8.75 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 58.05 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006020.D

Acq: 15 Nov 2018 15:20

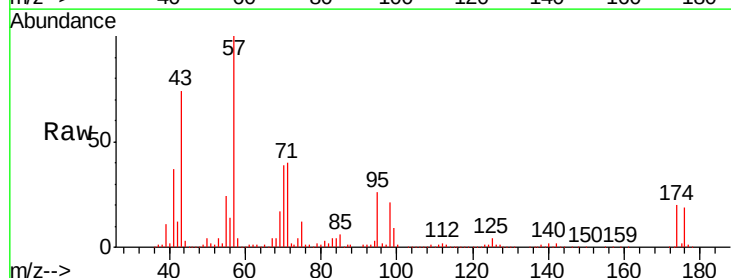
Tgt Ion: 95 Resp: 95978

Ion Ratio Lower Upper

95 100

174 79.3 0.0 184.4

176 76.7 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

11.14

80000

60000

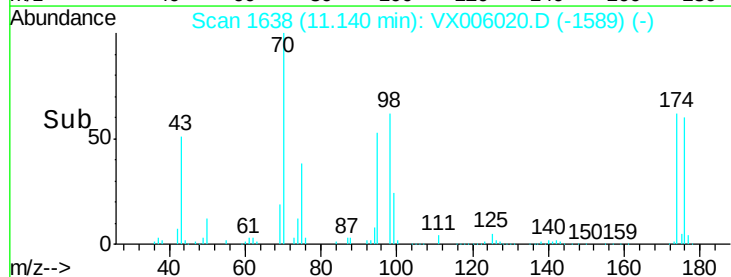
40000

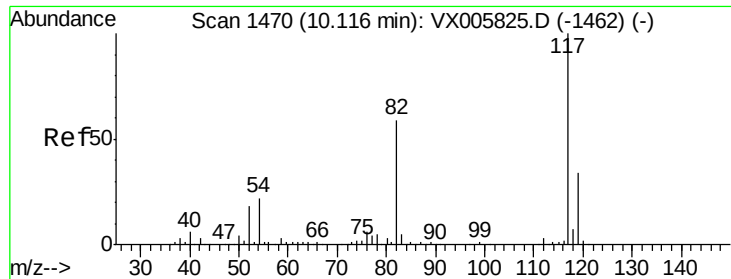
20000

0

11.10 11.15

Time-->

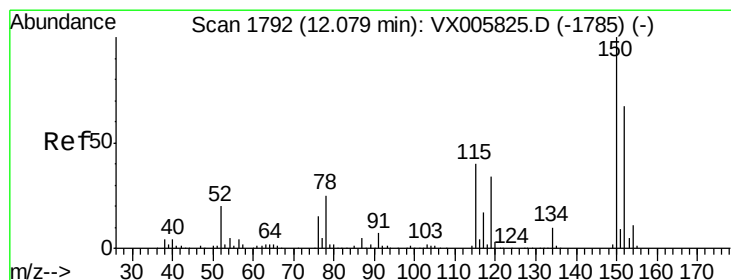
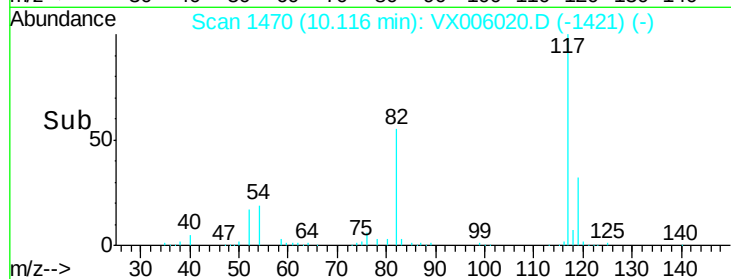
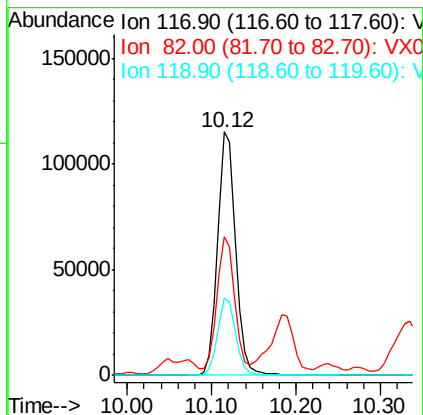
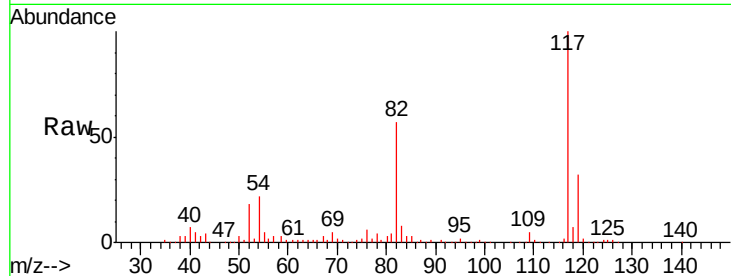




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006020.D
Acq: 15 Nov 2018 15:20

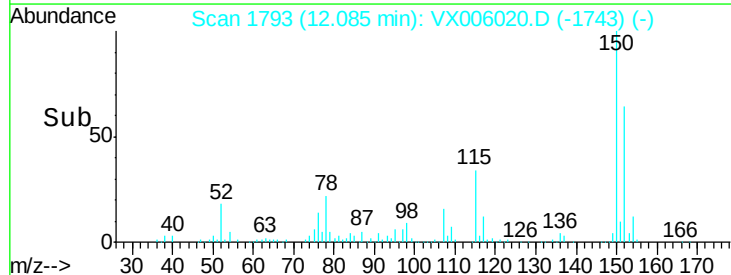
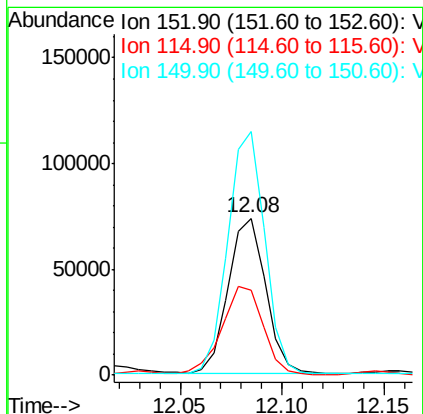
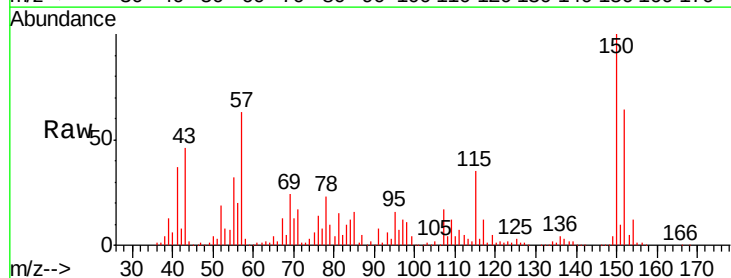
Instrument :
MSVOA_X
ClientSampleId :
FDSB-09(10-12)ME

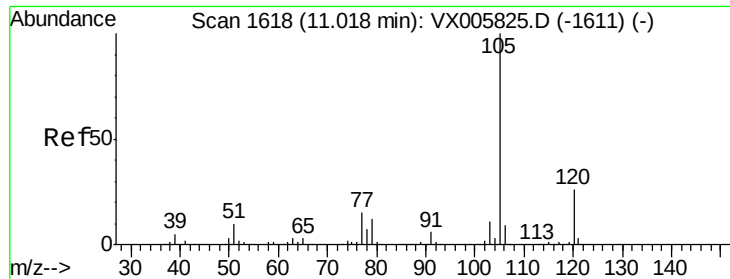
Tgt Ion:117 Resp: 172163
Ion Ratio Lower Upper
117 100
82 54.1 44.1 66.1
119 31.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1793
Delta R.T. 0.01 min
Lab File: VX006020.D
Acq: 15 Nov 2018 15:20

Tgt Ion:152 Resp: 92573
Ion Ratio Lower Upper
152 100
115 63.2 39.4 118.1
150 156.8 0.0 346.4





#73

Isopropylbenzene

Concen: 13.45 ug/l

RT: 11.02 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VX006020.D

Acq: 15 Nov 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

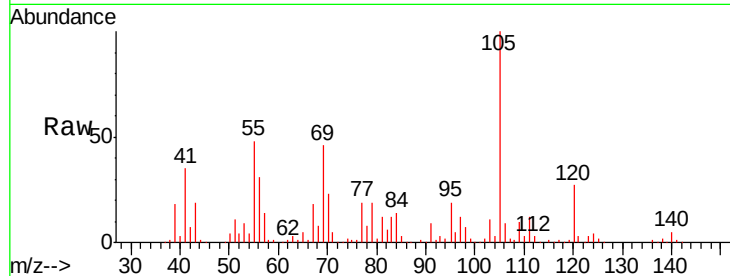
FDSB-09(10-12)ME

Tgt Ion: 105 Resp: 72005

Ion Ratio Lower Upper

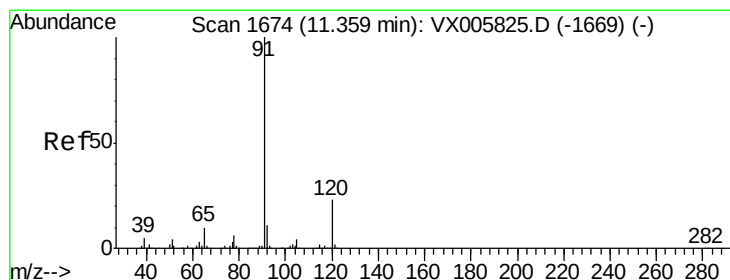
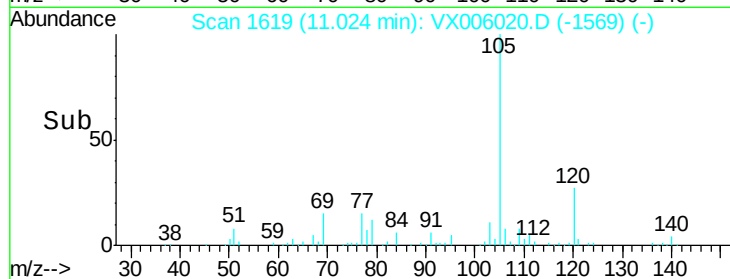
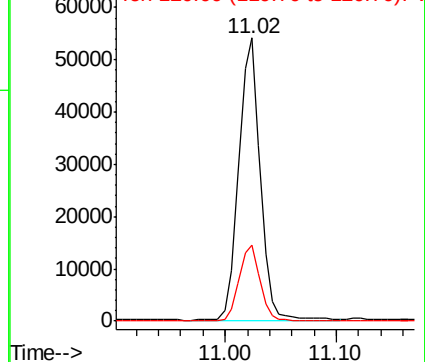
105 100

120 26.6 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 25.96 ug/l

RT: 11.37 min Scan# 1675

Delta R.T. 0.01 min

Lab File: VX006020.D

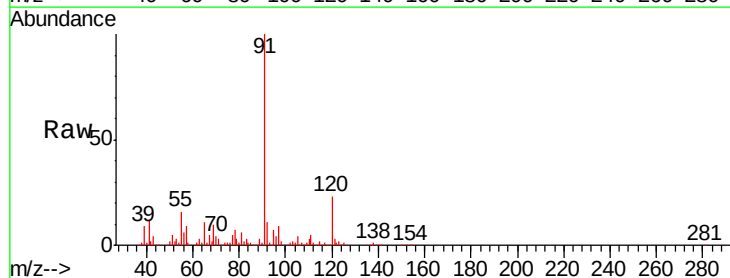
Acq: 15 Nov 2018 15:20

Tgt Ion: 91 Resp: 163801

Ion Ratio Lower Upper

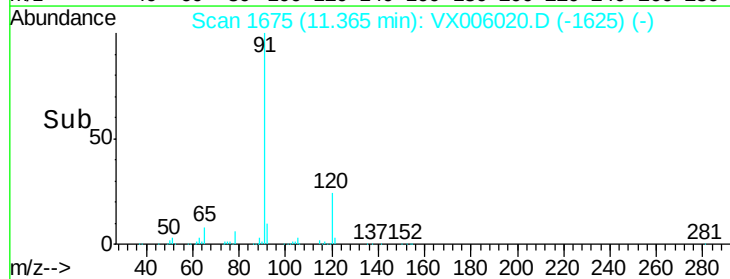
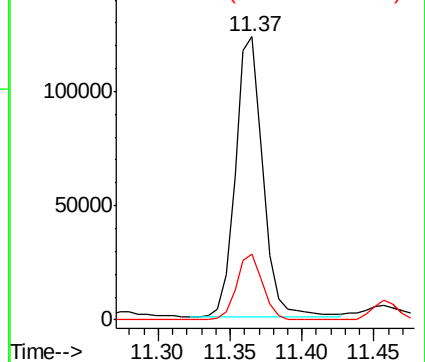
91 100

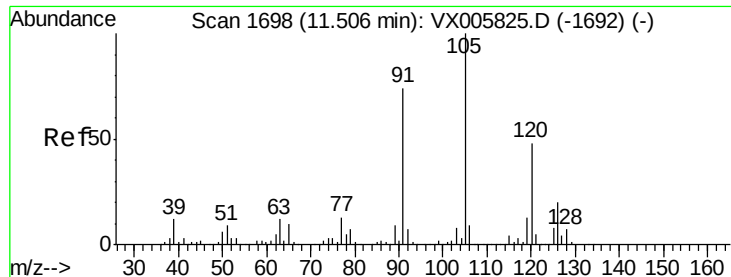
120 22.5 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

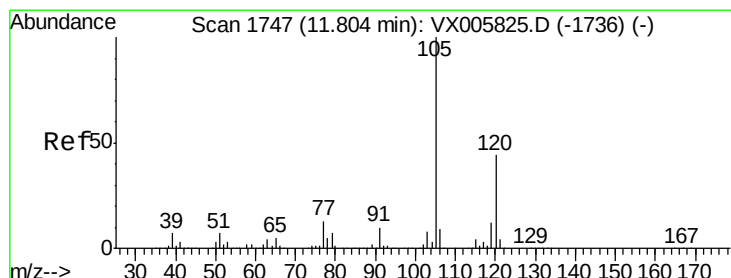
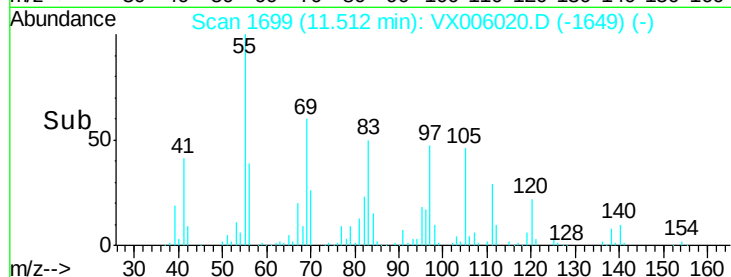
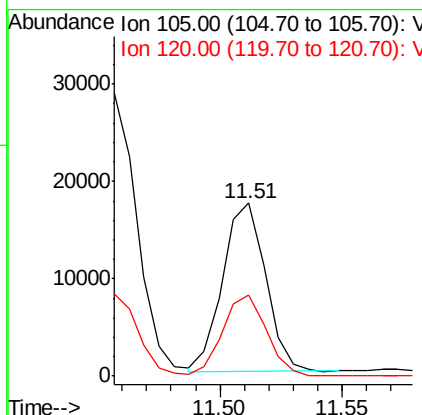
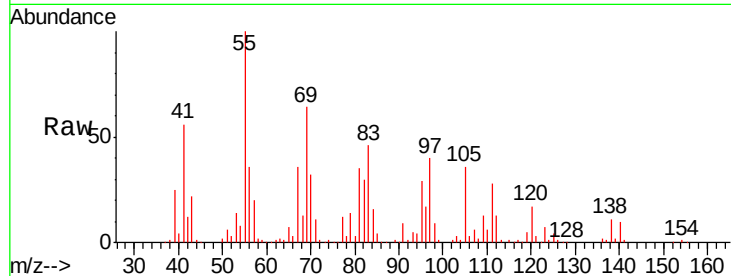




#80
 1,3,5-Trimethylbenzene
 Concen: 4.67 ug/l
 RT: 11.51 min Scan# 1699
 Delta R.T. 0.01 min
 Lab File: VX006020.D
 Acq: 15 Nov 2018 15:20

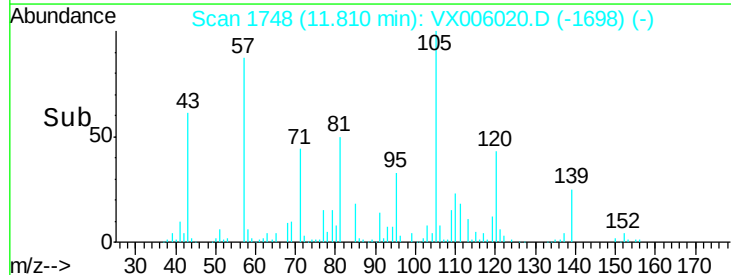
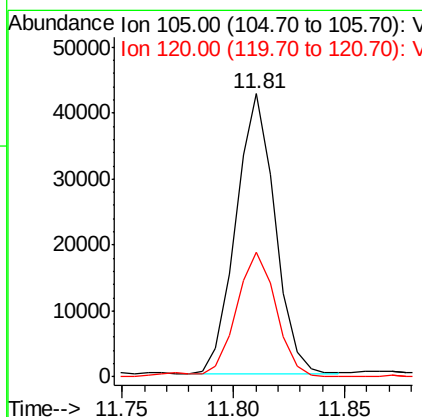
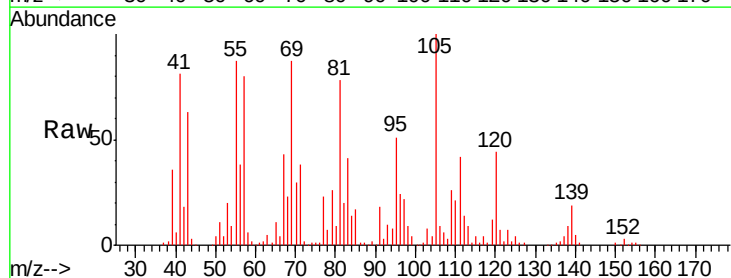
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-09(10-12)ME

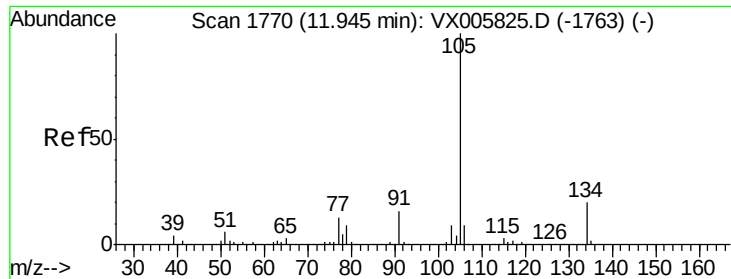
Tgt Ion:105 Resp: 21223
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.1 72.2



#84
 1,2,4-Trimethylbenzene
 Concen: 10.24 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006020.D
 Acq: 15 Nov 2018 15:20

Tgt Ion:105 Resp: 51873
 Ion Ratio Lower Upper
 105 100
 120 47.0 22.4 67.0

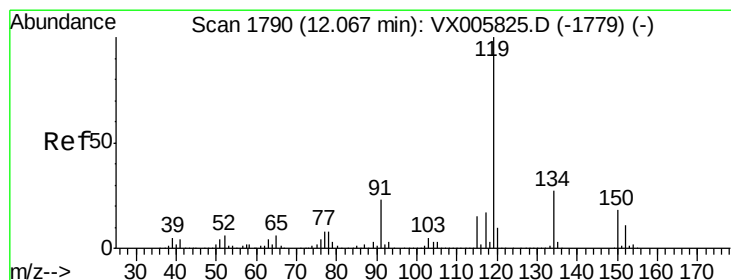
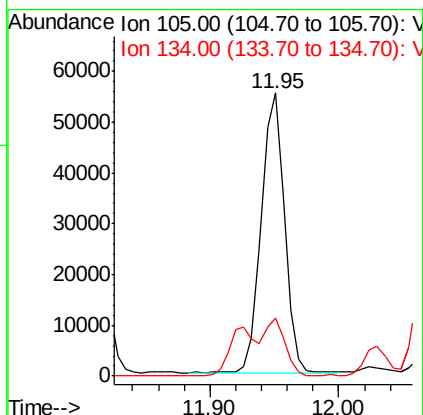
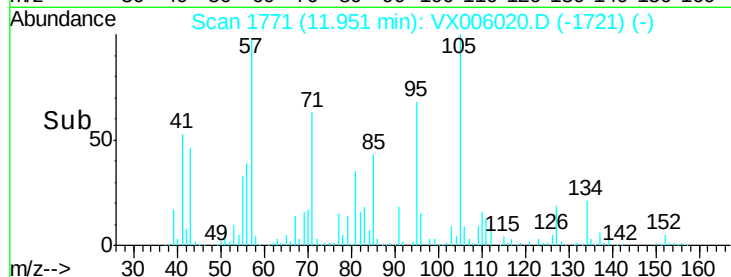
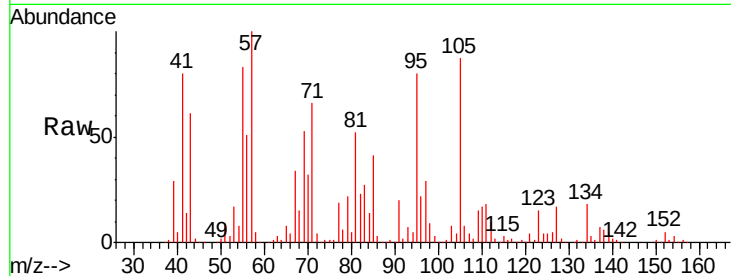




#85
 sec-Butylbenzene
 Concen: 12.20 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. 0.01 min
 Lab File: VX006020.D
 Acq: 15 Nov 2018 15:20

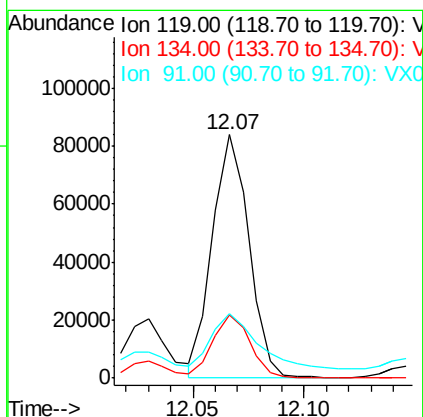
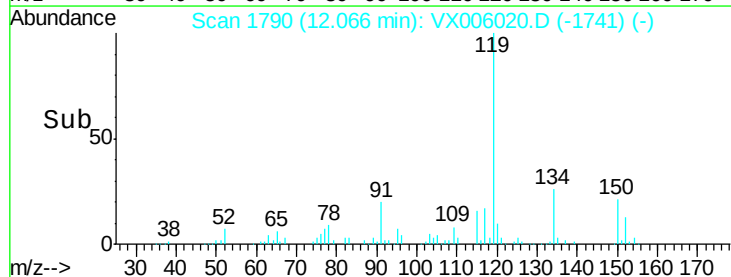
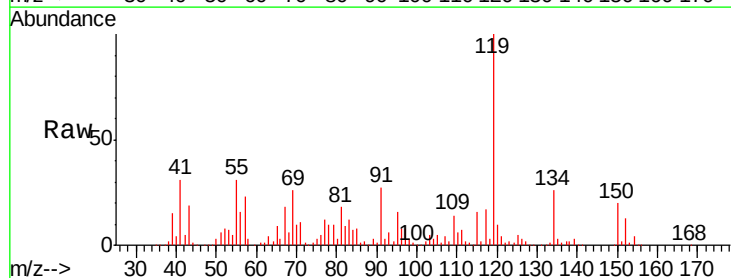
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-09(10-12)ME

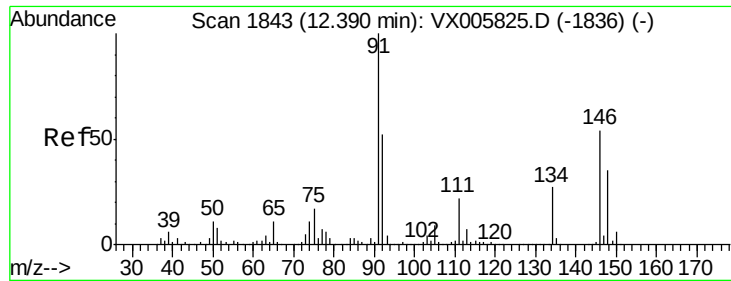
Tgt Ion:105 Resp: 68646
 Ion Ratio Lower Upper
 105 100
 134 17.3 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 19.04 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX006020.D
 Acq: 15 Nov 2018 15:20

Tgt Ion:119 Resp: 94907
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.0 39.0
 91 28.9 11.4 34.2





#89

n-Butylbenzene

Concen: 29.58 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006020.D

Acq: 15 Nov 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

FDSB-09(10-12)ME

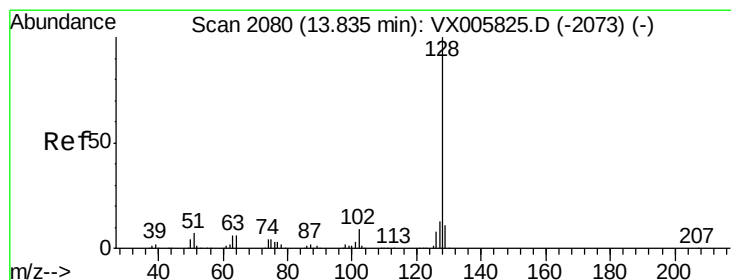
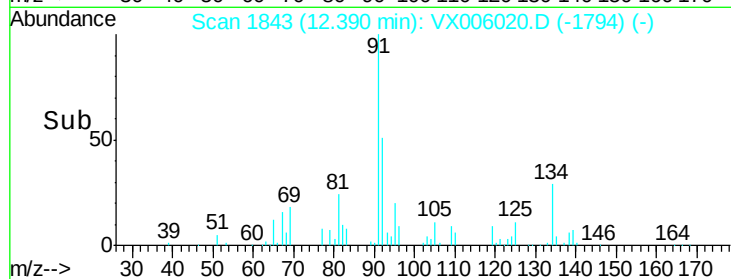
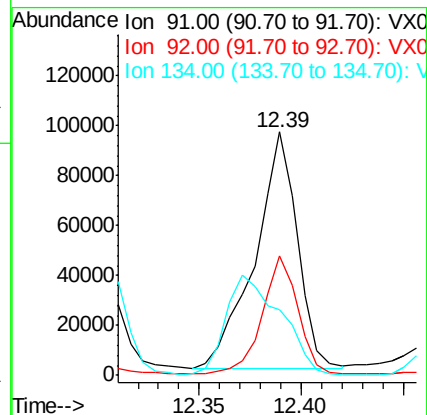
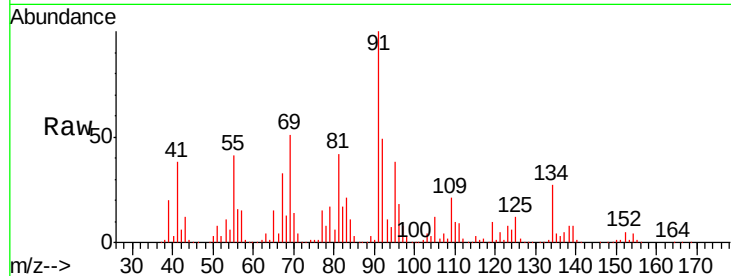
Tgt Ion: 91 Resp: 136658

Ion Ratio Lower Upper

91 100

92 42.3 26.1 78.2

134 55.0 13.1 39.3#



#95

Naphthalene

Concen: 5.81 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006020.D

Acq: 15 Nov 2018 15:20

Tgt Ion: 128 Resp: 31585

Ion Ratio Lower Upper

128 100

127 15.0 10.4 15.6

129 0.0 8.7 13.1#

