

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111418\
 Data File : VX006010.D
 Acq On : 15 Nov 2018 08:06
 Operator : JC/MD
 Sample : J5918-01
 Misc : 5.00g/10ml/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-05(10-12)

Quant Time: Nov 15 10:06:45 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	5.66	168	137722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	188106	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	174478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	91108	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	75866	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
35) Dibromofluoromethane	5.51	113	60605	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
50) Toluene-d8	8.71	98	227196	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	
62) 4-Bromofluorobenzene	11.14	95	86781	56.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.50%	

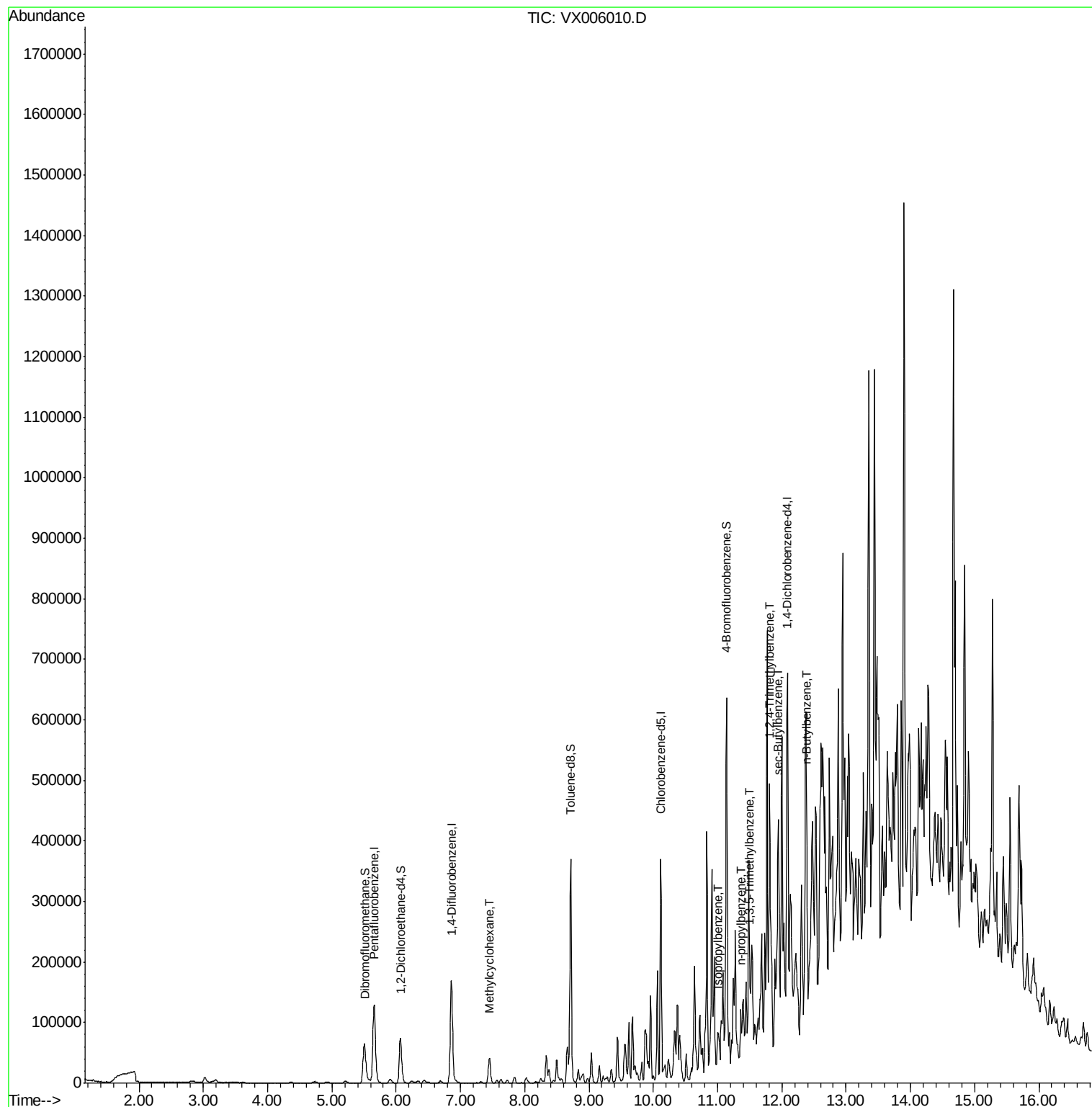
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	7.45	83	17364	9.45	ug/l	94
73) Isopropylbenzene	11.02	105	19253	3.65	ug/l	99
78) n-propylbenzene	11.36	91	53633	8.64	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	19054	4.26	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	136999	27.67	ug/l	99
85) sec-Butylbenzene	11.95	105	45731	8.26	ug/l #	77
89) n-Butylbenzene	12.39	91	68190	15.00	ug/l #	71

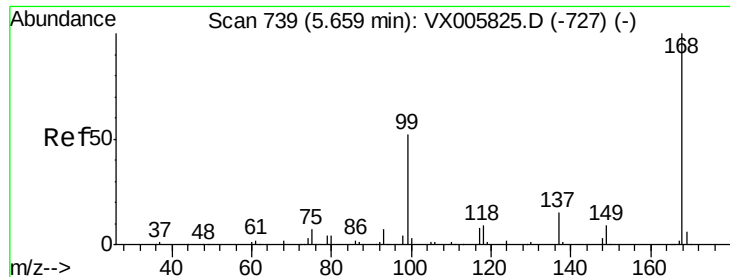
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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FDSB-05(10-12)

Quant Time: Nov 15 10:06:45 2018
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Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX006010.D

Acq: 15 Nov 2018 08:06

Instrument :

MSVOA_X

ClientSampleId :

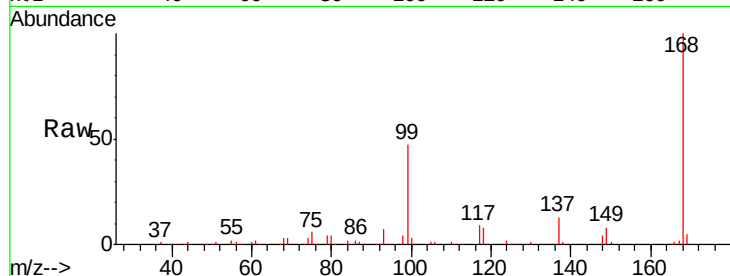
FDSB-05(10-12)

Tgt Ion:168 Resp: 137722

Ion Ratio Lower Upper

168 100

99 46.7 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

30000

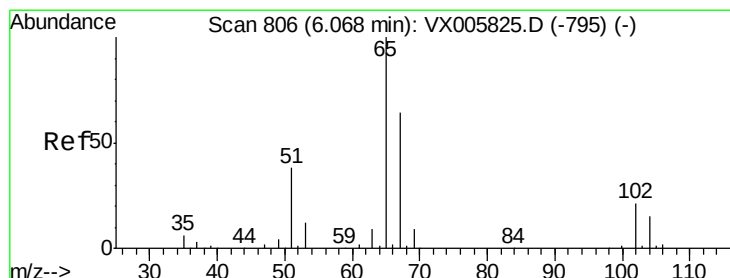
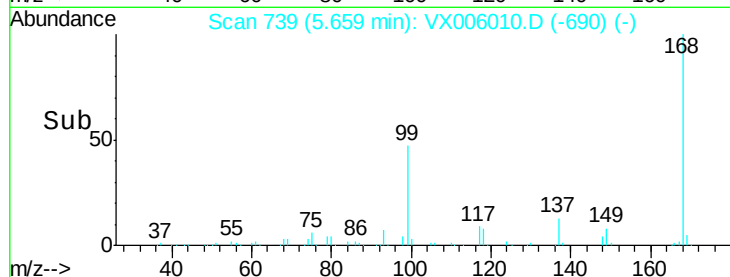
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.92 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX006010.D

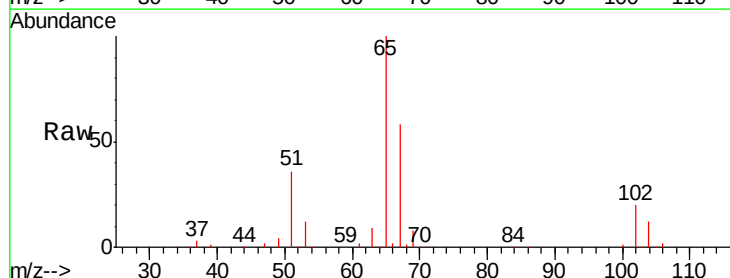
Acq: 15 Nov 2018 08:06

Tgt Ion: 65 Resp: 75866

Ion Ratio Lower Upper

65 100

67 55.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

30000

25000

20000

15000

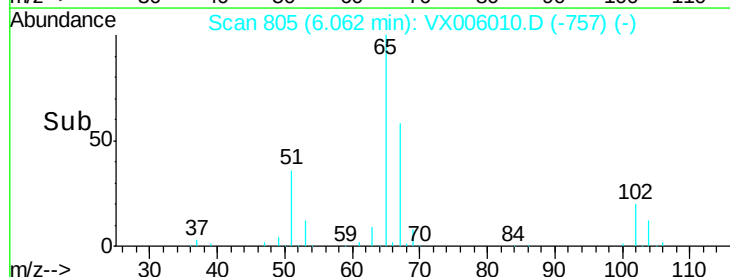
10000

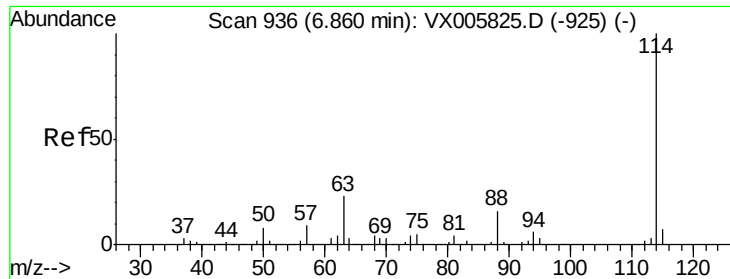
5000

0

Time-->

5.90 6.00 6.10 6.20

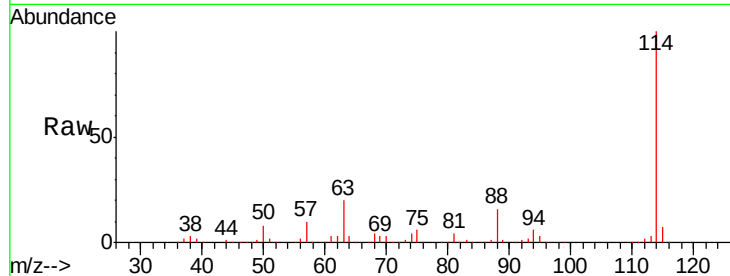




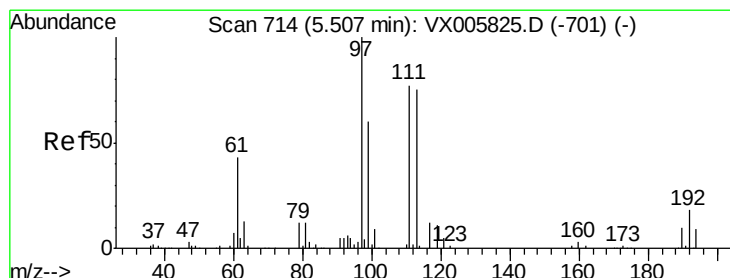
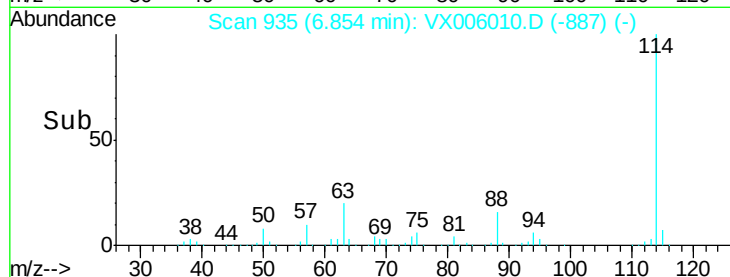
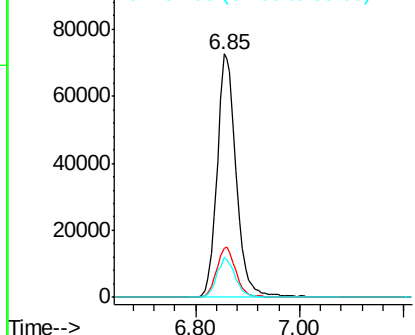
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX006010.D
 Acq: 15 Nov 2018 08:06

Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-05(10-12)

Tgt Ion:114 Resp: 188106
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.8
 88 16.2 0.0 31.2

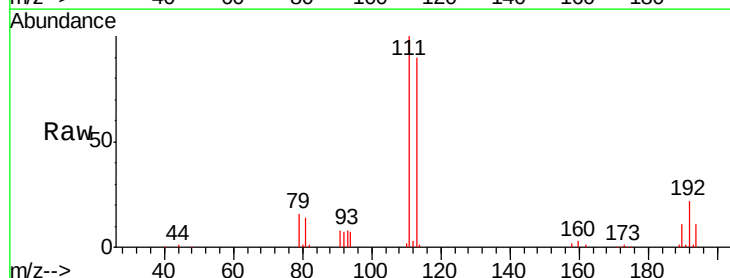


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

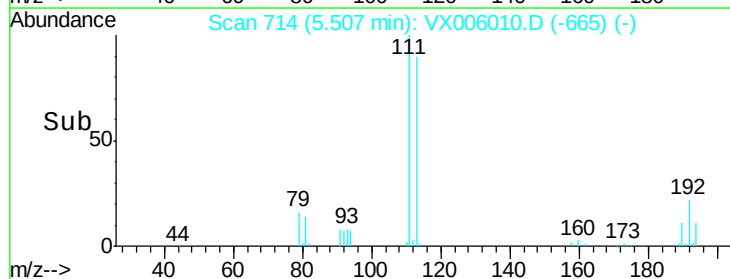
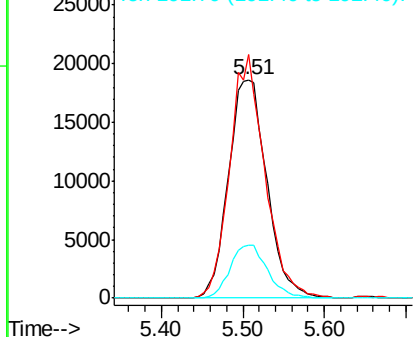


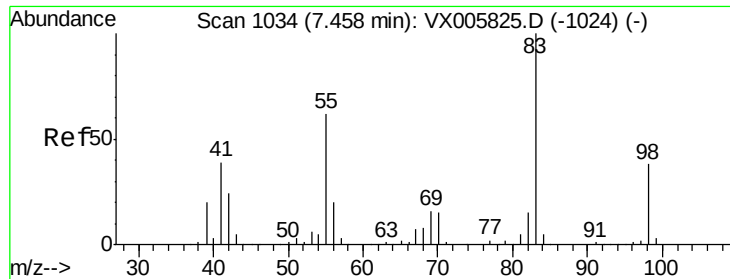
#35
 Dibromofluoromethane
 Concen: 47.37 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: VX006010.D
 Acq: 15 Nov 2018 08:06

Tgt Ion:113 Resp: 60605
 Ion Ratio Lower Upper
 113 100
 111 101.7 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

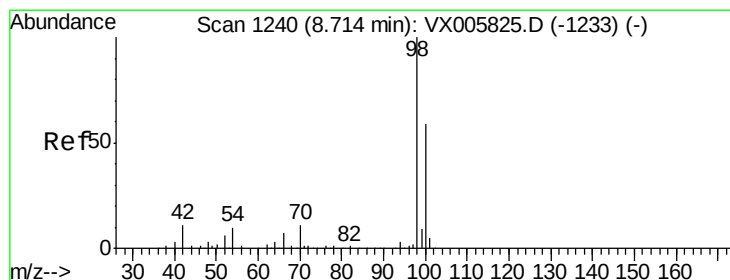
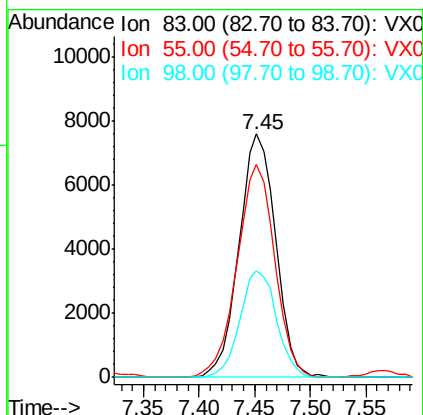
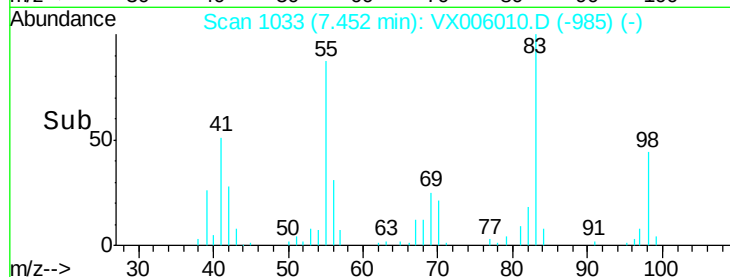
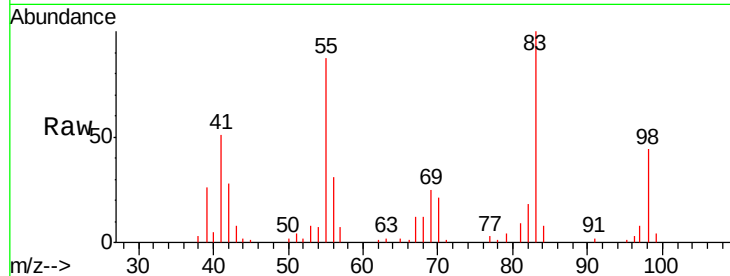




#39
Methylcyclohexane
Concen: 9.45 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX006010.D
Acq: 15 Nov 2018 08:06

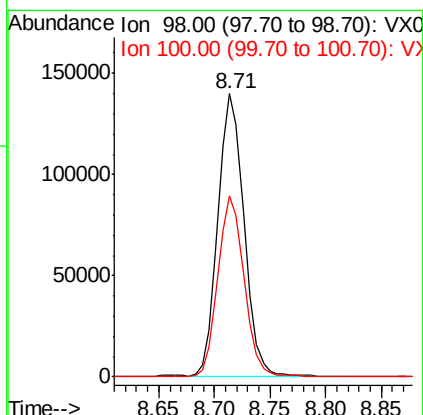
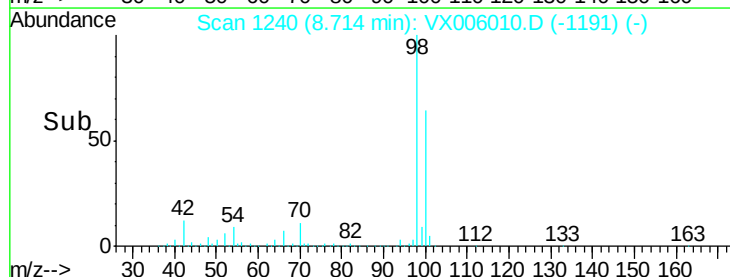
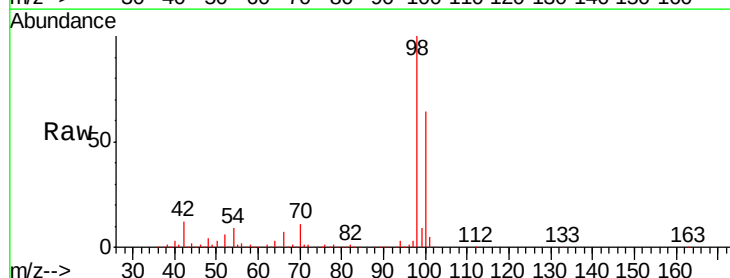
Instrument :
MSVOA_X
ClientSampleId :
FDSB-05(10-12)

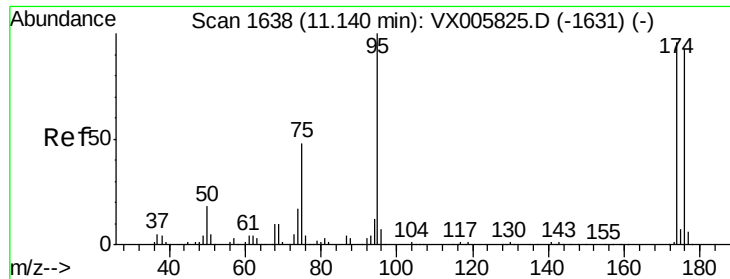
Tgt Ion: 83 Resp: 17364
Ion Ratio Lower Upper
83 100
55 87.3 63.7 95.5
98 43.7 36.2 54.2



#50
Toluene-d8
Concen: 53.41 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006010.D
Acq: 15 Nov 2018 08:06

Tgt Ion: 98 Resp: 227196
Ion Ratio Lower Upper
98 100
100 64.5 51.3 76.9





#62

4-Bromofluorobenzene

Concen: 56.75 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006010.D

Acq: 15 Nov 2018 08:06

Instrument :

MSVOA_X

ClientSampleId :

FDSB-05(10-12)

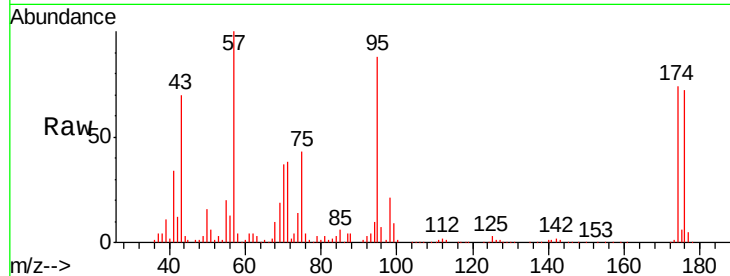
Tgt Ion: 95 Resp: 86781

Ion Ratio Lower Upper

95 100

174 86.4 0.0 184.4

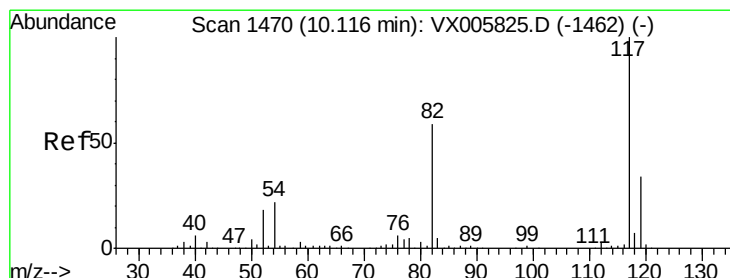
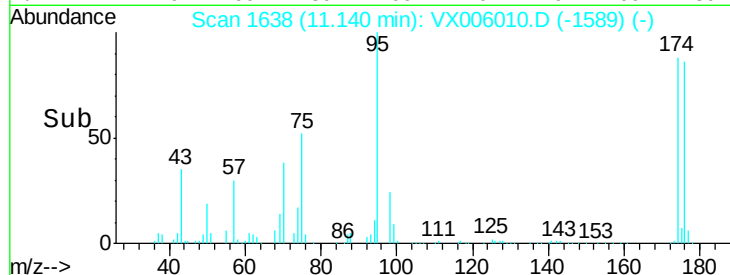
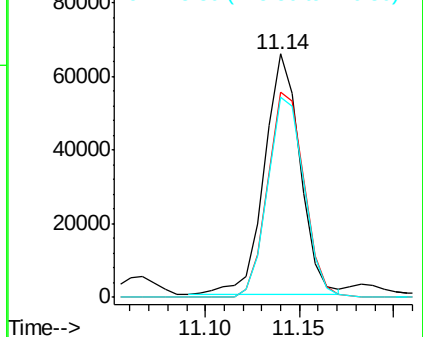
176 84.5 0.0 177.4



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: VX006010.D

Acq: 15 Nov 2018 08:06

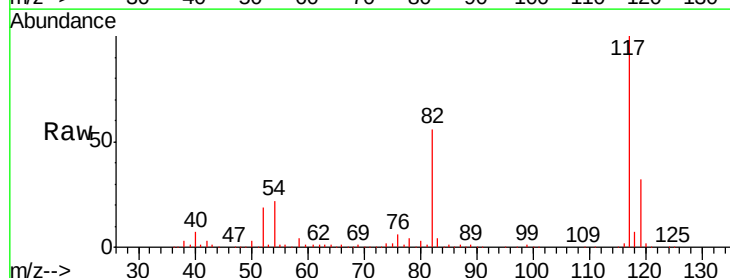
Tgt Ion: 117 Resp: 174478

Ion Ratio Lower Upper

117 100

82 55.3 44.1 66.1

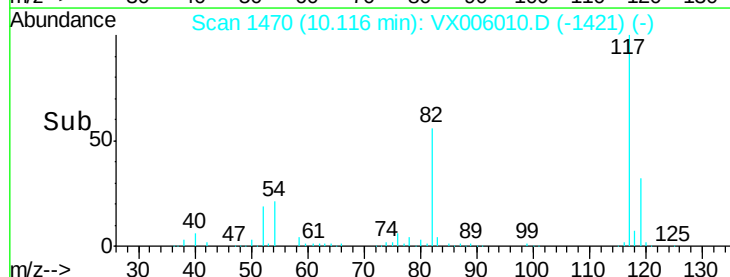
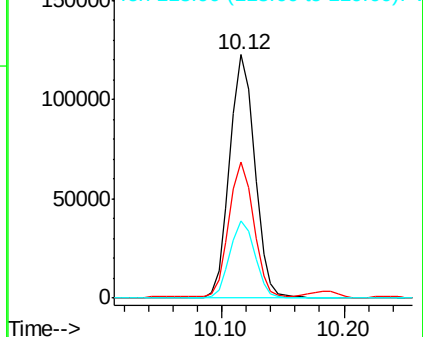
119 31.7 26.2 39.2

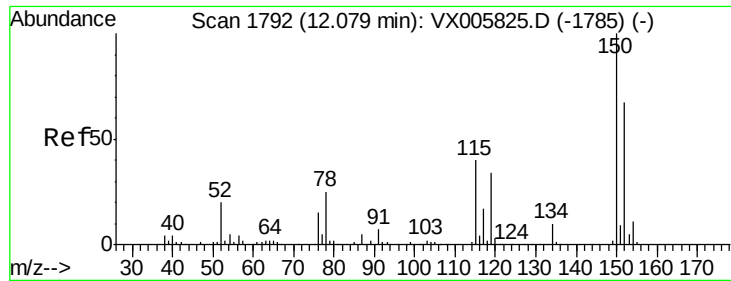


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX006010.D

Acq: 15 Nov 2018 08:06

Instrument :

MSVOA_X

ClientSampleId :

FDSB-05(10-12)

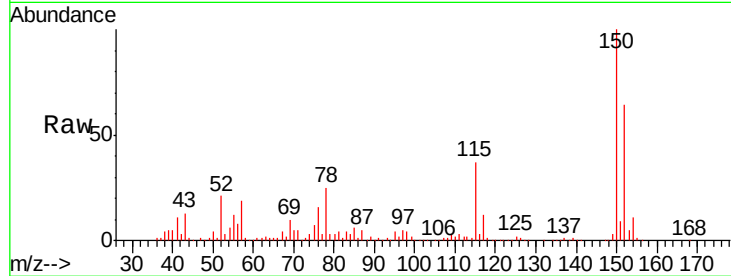
Tgt Ion:152 Resp: 91108

Ion Ratio Lower Upper

152 100

115 56.0 39.4 118.1

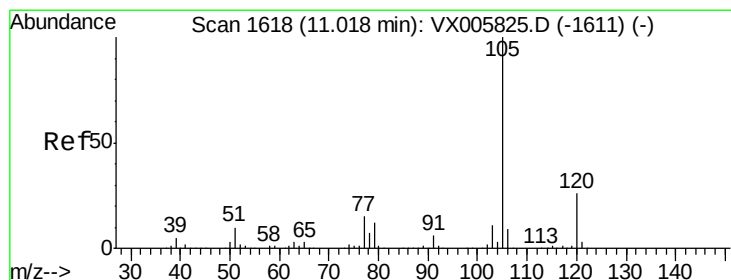
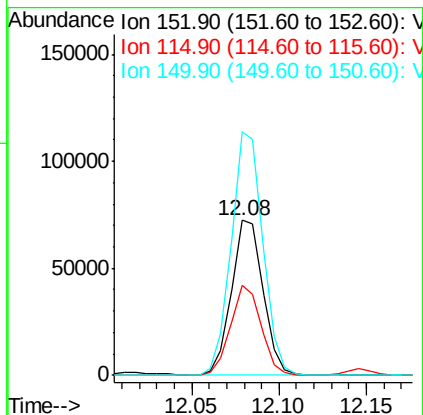
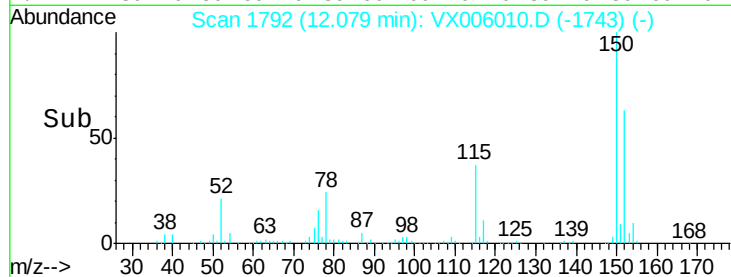
150 157.6 0.0 346.4



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: 3.65 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006010.D

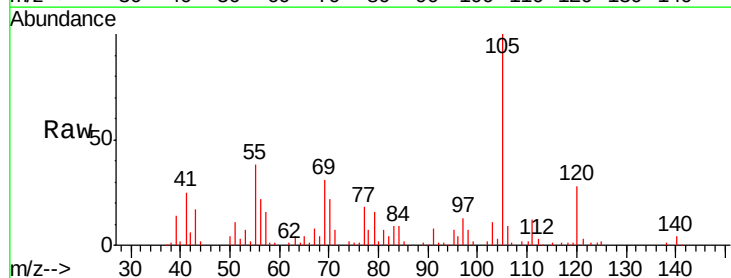
Acq: 15 Nov 2018 08:06

Tgt Ion:105 Resp: 19253

Ion Ratio Lower Upper

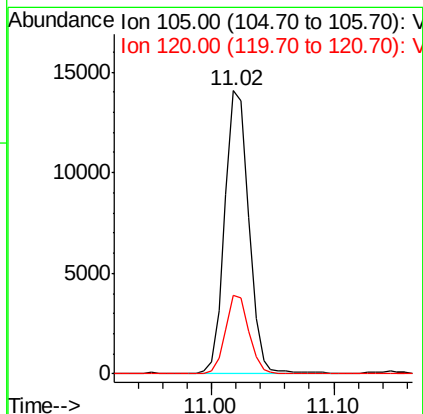
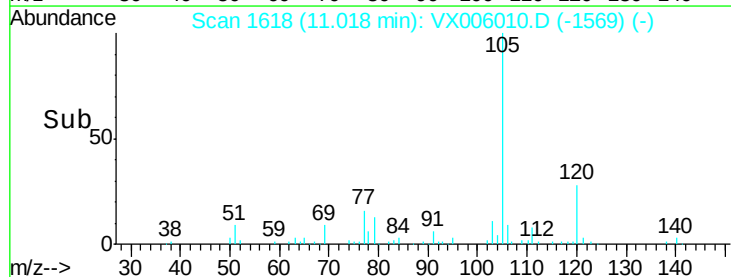
105 100

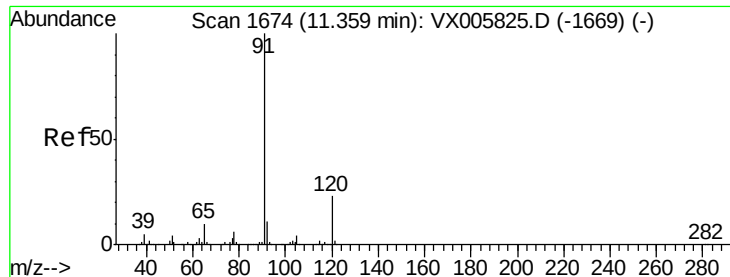
120 26.8 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

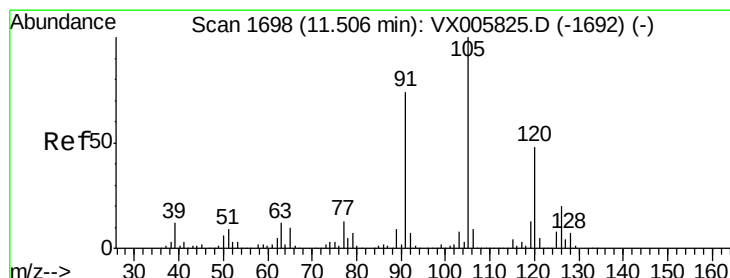
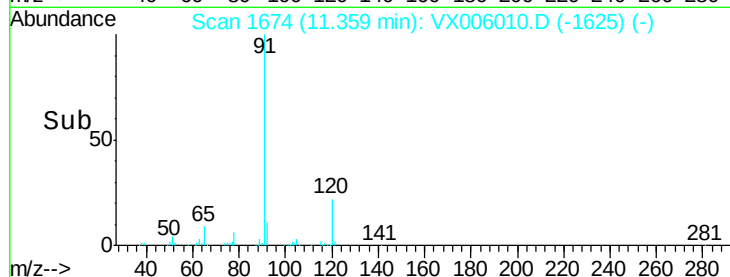
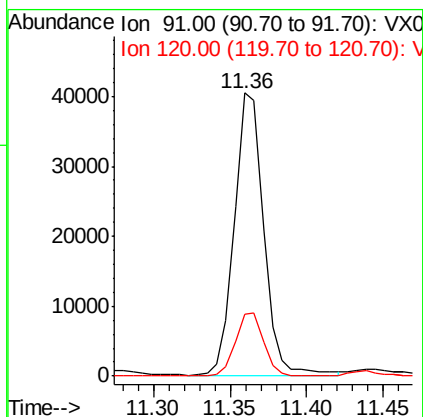
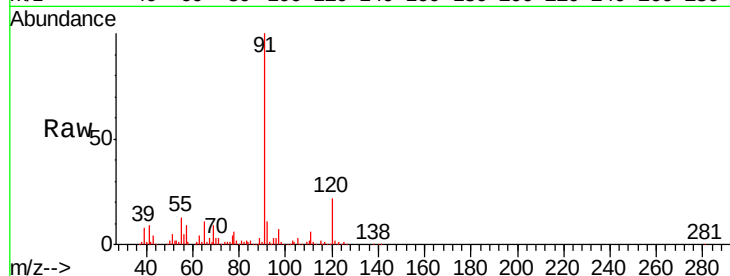




#78
n-propylbenzene
Concen: 8.64 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX006010.D
Acq: 15 Nov 2018 08:06

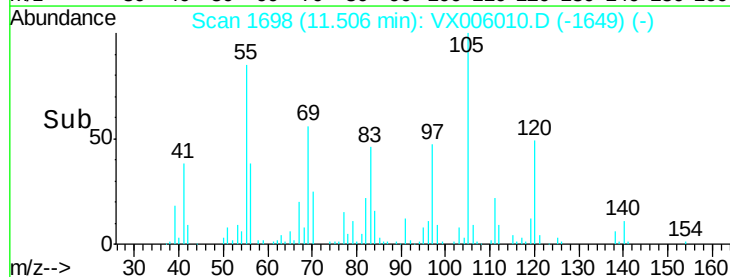
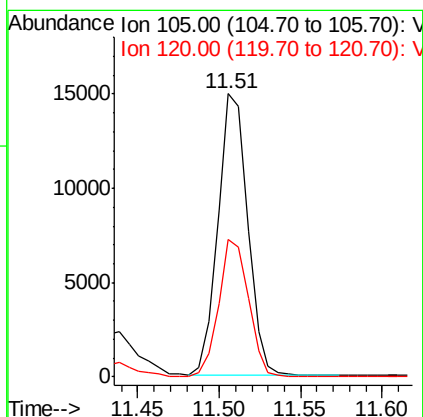
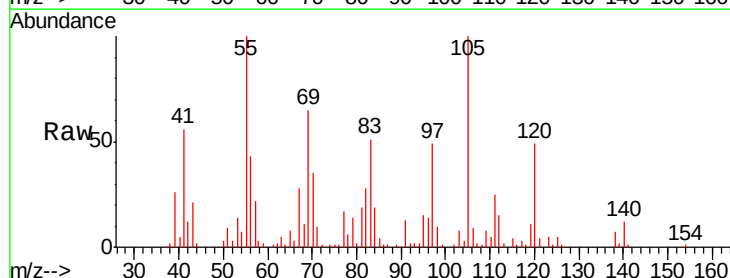
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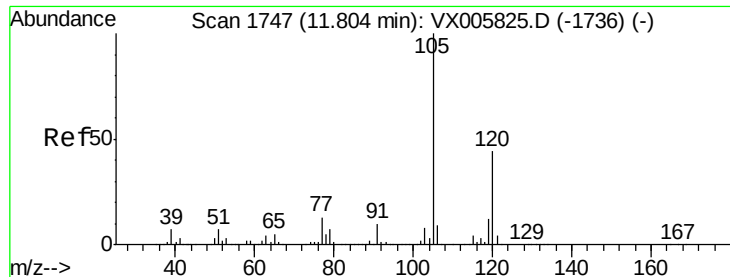
Tgt Ion: 91 Resp: 53633
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 4.26 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX006010.D
Acq: 15 Nov 2018 08:06

Tgt Ion: 105 Resp: 19054
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.2

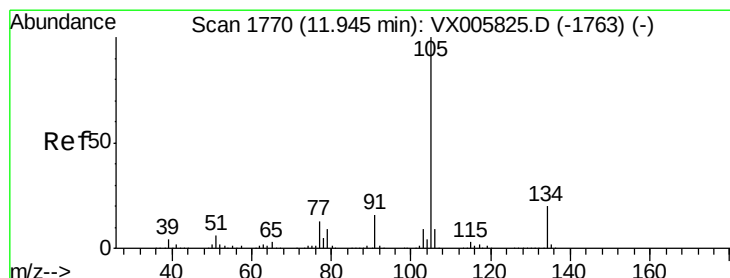
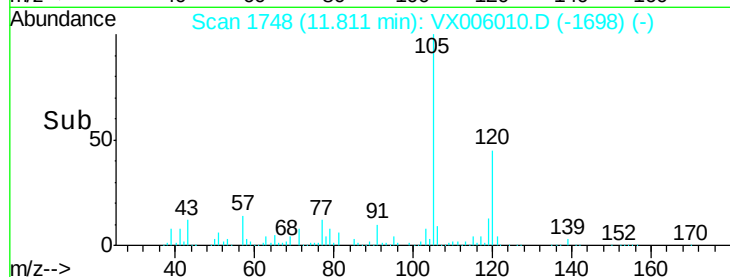
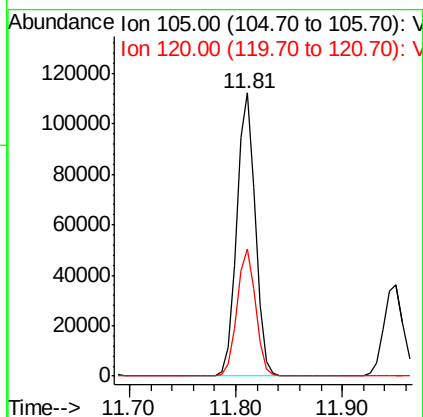
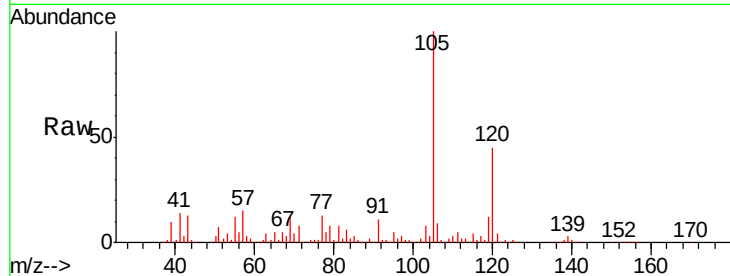




#84
 1,2,4-Trimethylbenzene
 Concen: 27.67 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006010.D
 Acq: 15 Nov 2018 08:06

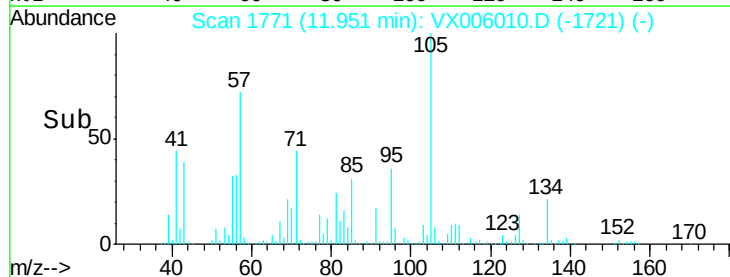
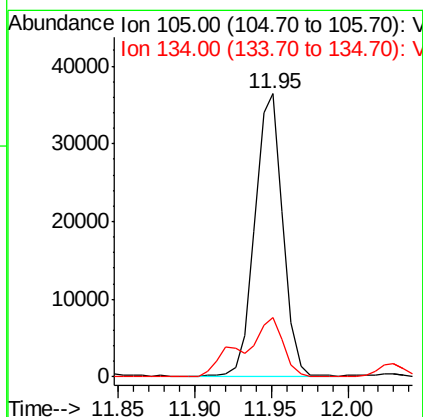
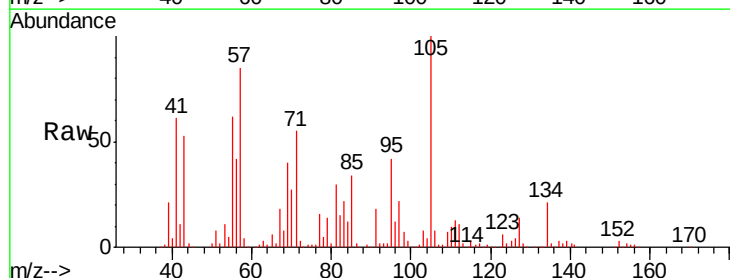
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-05(10-12)

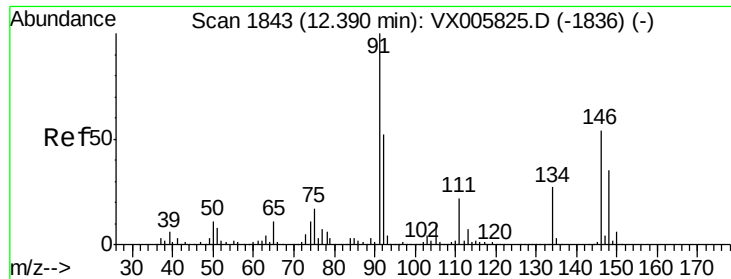
Tgt Ion:105 Resp: 136999
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.4 67.0



#85
 sec-Butylbenzene
 Concen: 8.26 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. 0.01 min
 Lab File: VX006010.D
 Acq: 15 Nov 2018 08:06

Tgt Ion:105 Resp: 45731
 Ion Ratio Lower Upper
 105 100
 134 30.8 10.2 30.4#





#89

n-Butylbenzene

Concen: 15.00 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006010.D

Acq: 15 Nov 2018 08:06

Instrument :

MSVOA_X

ClientSampleId :

FDSB-05(10-12)

Tgt Ion: 91 Resp: 68190

Ion Ratio Lower Upper

91 100

92 42.6 26.1 78.2

134 56.1 13.1 39.3#

