

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111518\
 Data File : VX006032.D
 Acq On : 15 Nov 2018 20:40
 Operator : JC/MD
 Sample : J5911-06
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-07(20-22)

Quant Time: Nov 16 09:36:04 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	157144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	225050	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	189085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129442	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	87662	48.52	ug/l	0.00
Spiked Amount			Recovery	=	97.04%	
35) Dibromofluoromethane	5.51	113	70380	45.98	ug/l	0.00
Spiked Amount			Recovery	=	91.96%	
50) Toluene-d8	8.71	98	253095	49.74	ug/l	0.00
Spiked Amount			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.14	95	93429	51.06	ug/l	0.00
Spiked Amount			Recovery	=	102.12%	

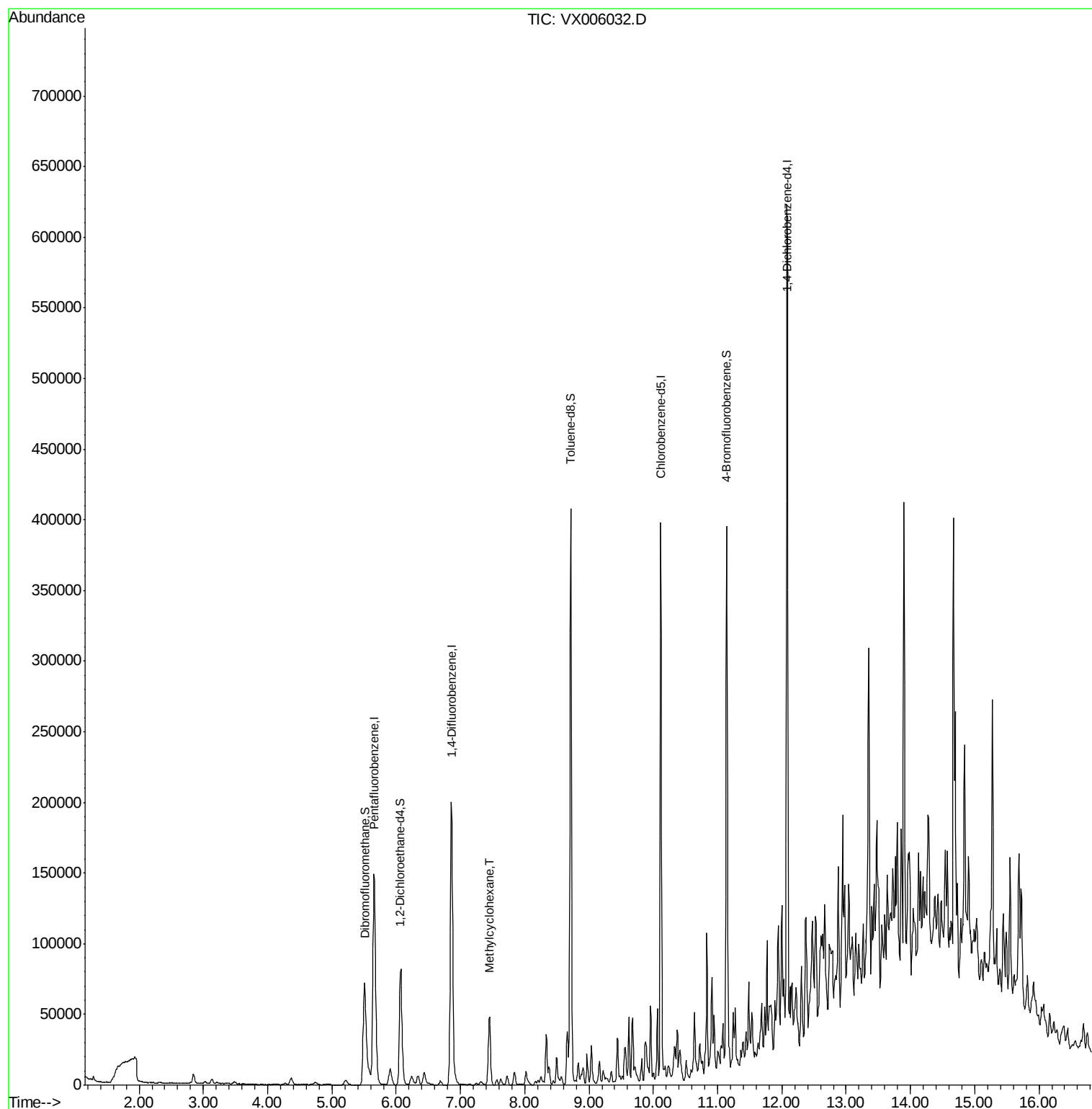
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	7.45	83	20464	9.31	ug/l	92

(#) = 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: VX006032.D

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Instrument :

MSVOA_X

ClientSampleId :

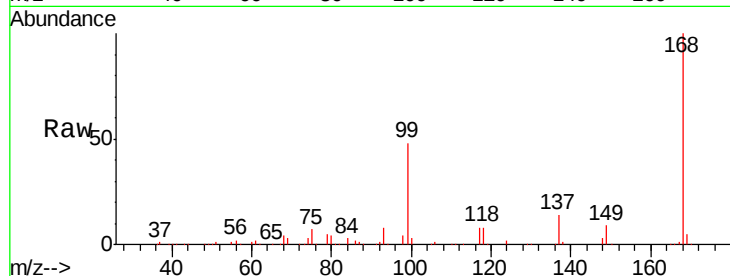
FDSB-07(20-22)

Tgt Ion:168 Resp: 157144

Ion Ratio Lower Upper

168 100

99 47.8 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

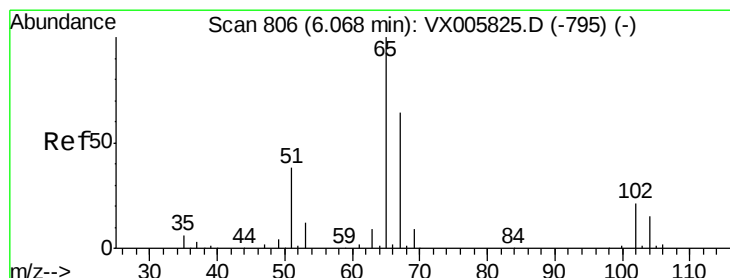
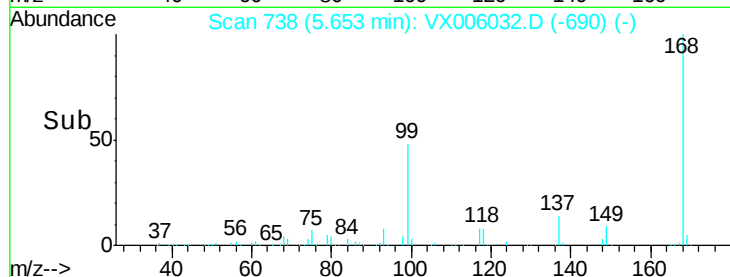
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.52 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX006032.D

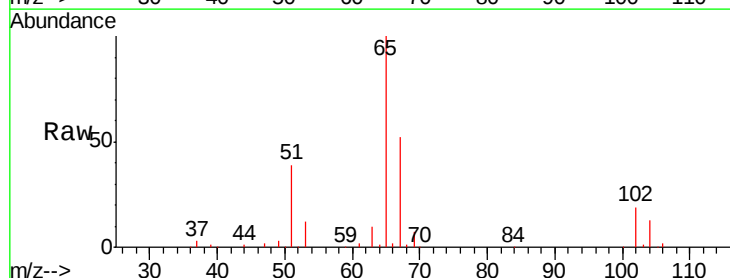
Acq: 15 Nov 2018 20:40

Tgt Ion: 65 Resp: 87662

Ion Ratio Lower Upper

65 100

67 53.2 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

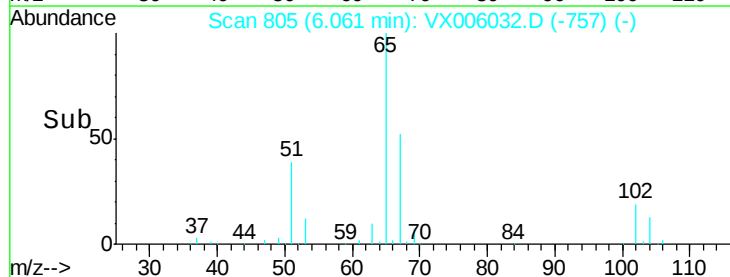
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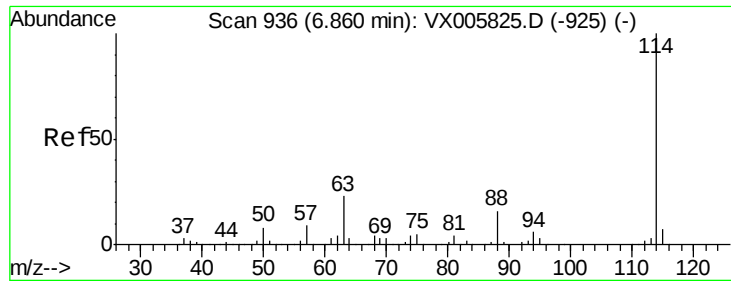
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0

5.90 6.00 6.10 6.20

Time-->

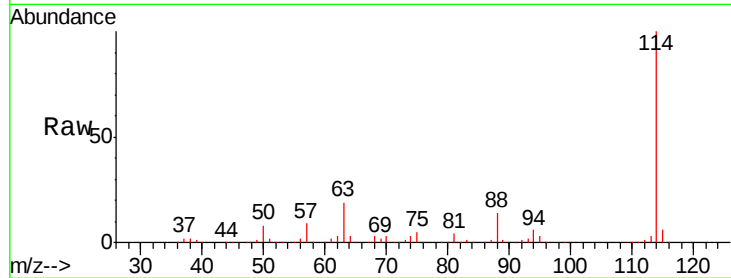




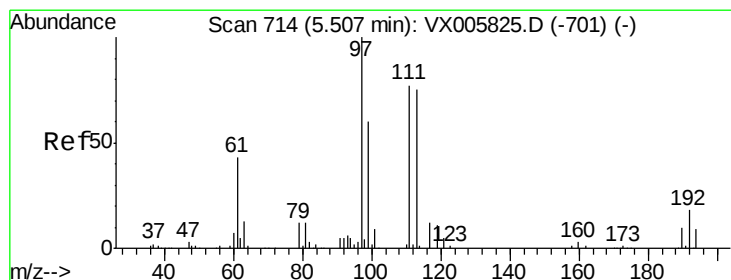
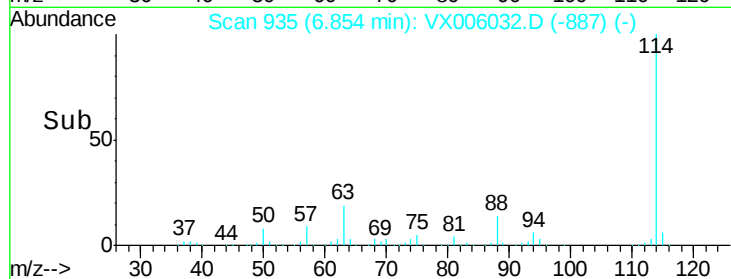
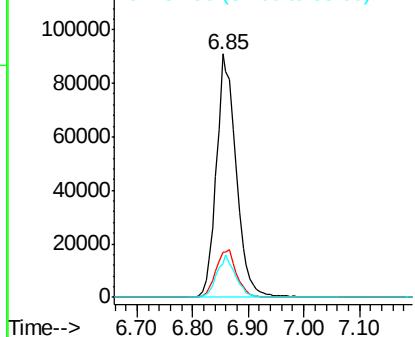
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX006032.D
 Acq: 15 Nov 2018 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-07(20-22)

Tgt Ion:114 Resp: 225050
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 42.8
 88 14.0 0.0 31.2

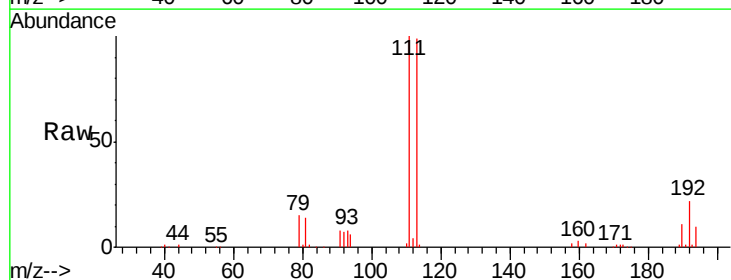


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

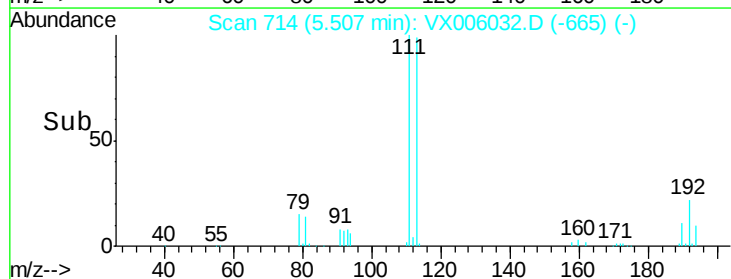
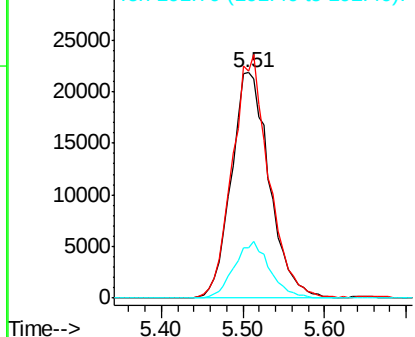


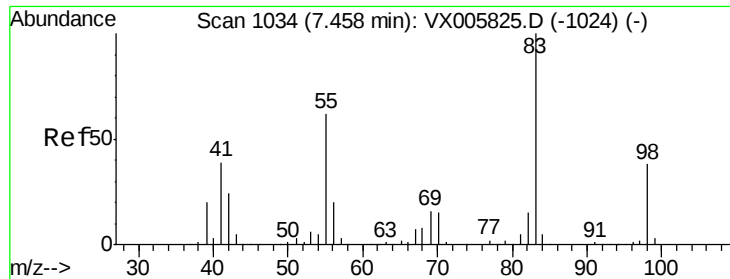
#35
 Dibromofluoromethane
 Concen: 45.98 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VX006032.D
 Acq: 15 Nov 2018 20:40

Tgt Ion:113 Resp: 70380
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.3 123.5
 192 23.3 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

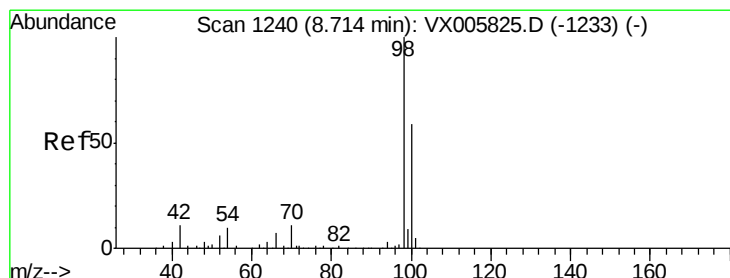
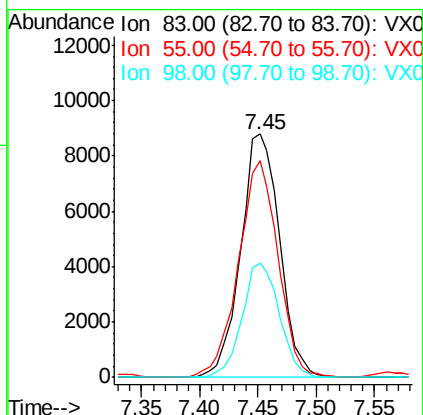
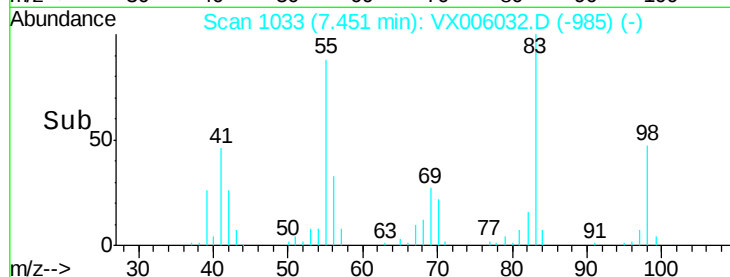
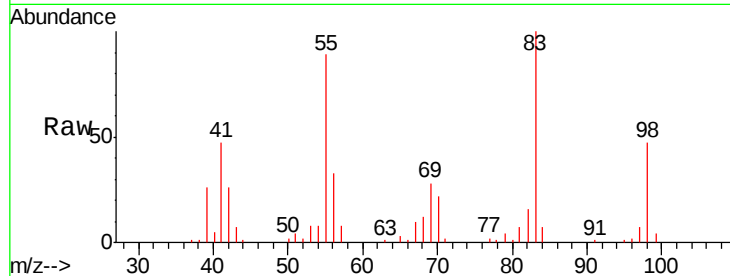




#39
Methylcyclohexane
Concen: 9.31 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX006032.D
Acq: 15 Nov 2018 20:40

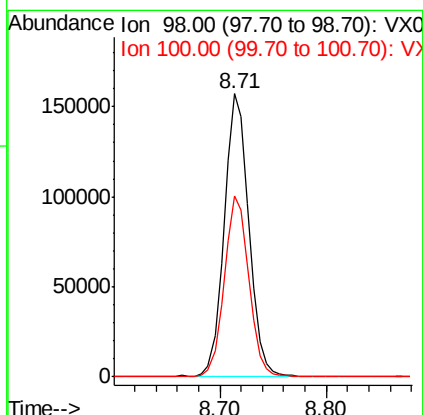
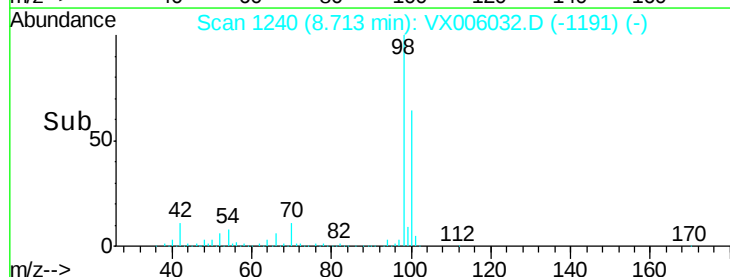
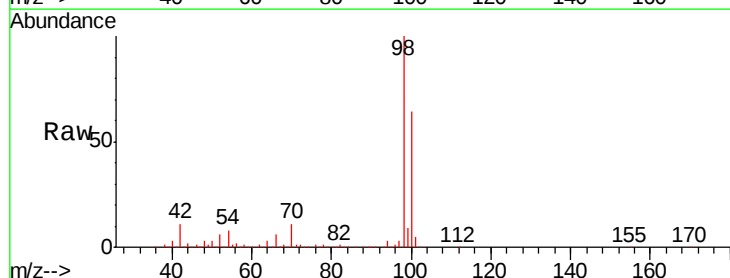
Instrument :
MSVOA_X
ClientSampleId :
FDSB-07(20-22)

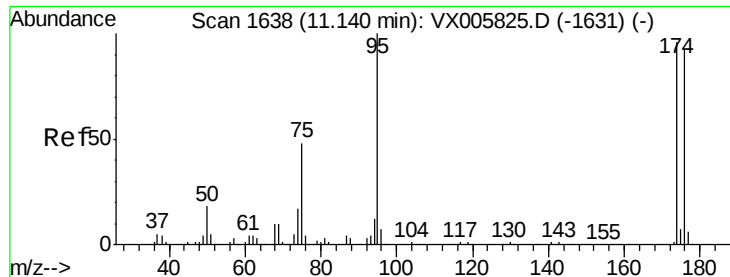
Tgt Ion: 83 Resp: 20464
Ion Ratio Lower Upper
83 100
55 89.0 63.7 95.5
98 46.9 36.2 54.2



#50
Toluene-d8
Concen: 49.74 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006032.D
Acq: 15 Nov 2018 20:40

Tgt Ion: 98 Resp: 253095
Ion Ratio Lower Upper
98 100
100 64.0 51.3 76.9

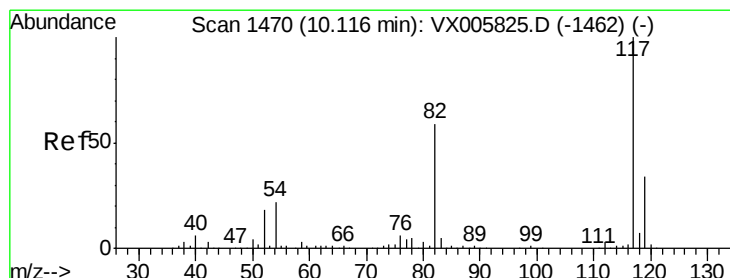
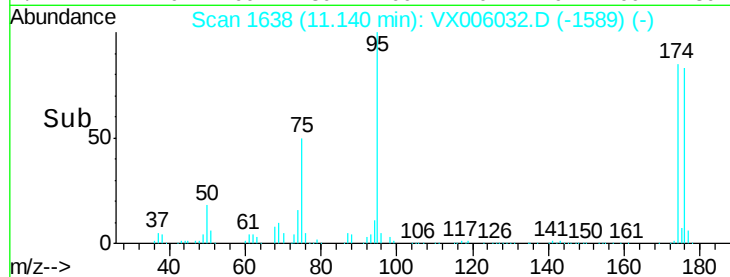
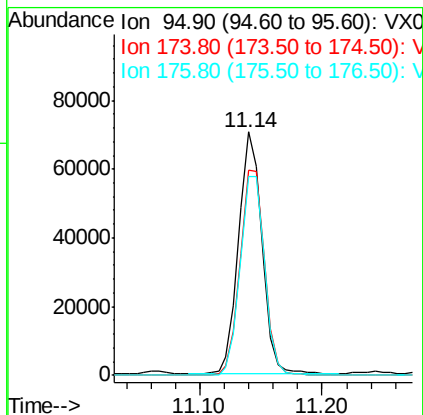
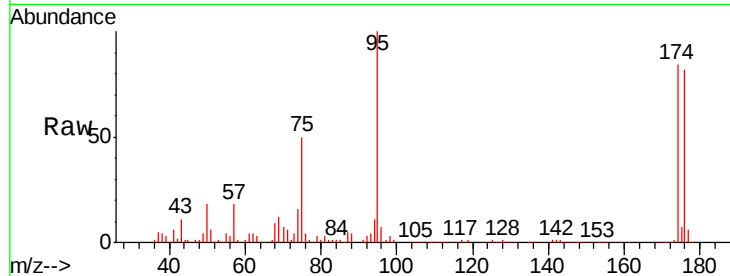




#62
4-Bromofluorobenzene
Concen: 51.06 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX006032.D
Acq: 15 Nov 2018 20:40

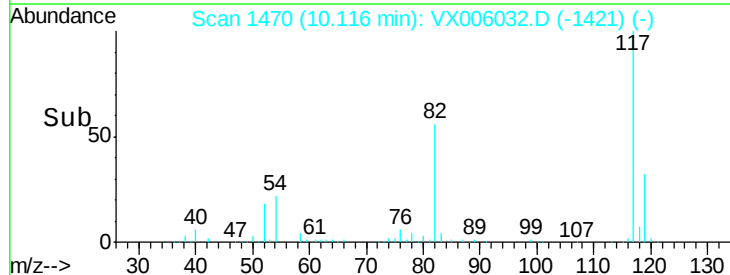
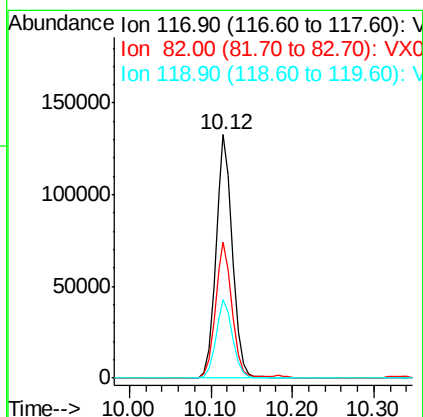
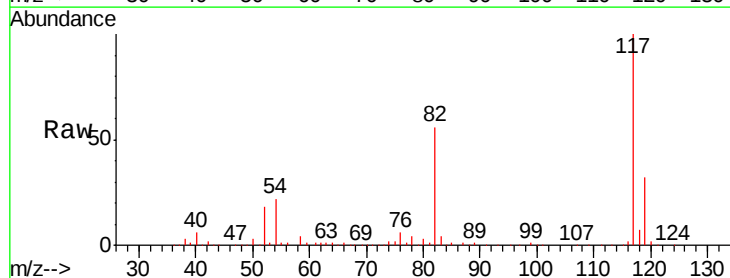
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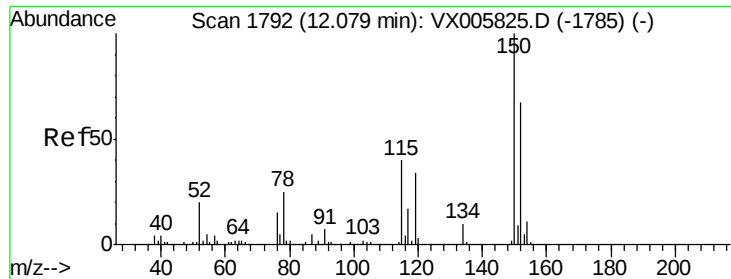
Tgt Ion: 95 Resp: 93429
Ion Ratio Lower Upper
95 100
174 88.3 0.0 184.4
176 85.9 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006032.D
Acq: 15 Nov 2018 20:40

Tgt Ion: 117 Resp: 189085
Ion Ratio Lower Upper
117 100
82 55.6 44.1 66.1
119 32.4 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: VX006032.D

Acq: 15 Nov 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

FDSB-07(20-22)

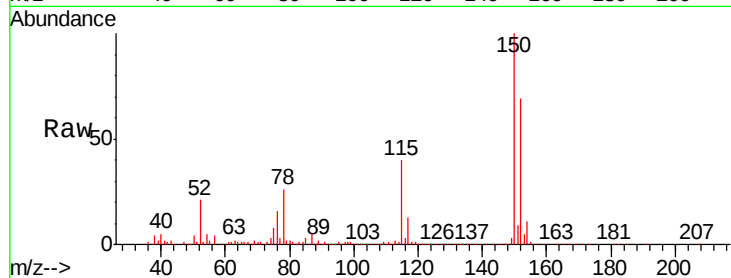
Tgt Ion:152 Resp: 129442

Ion Ratio Lower Upper

152 100

115 55.8 39.4 118.1

150 153.1 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

