

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111618\
 Data File : VD060400.D
 Acq On : 16 Nov 2018 16:11
 Operator : JC/SY
 Sample : J5911-07RE
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-06(10-12)RE

Quant Time: Nov 16 16:53:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	430736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	703200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	666829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	356312	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.80	65	213438	69.20	ug/l	0.00
Spiked Amount						
			Recovery	=	138.40%	
35) Dibromofluoromethane	6.34	113	219857	41.93	ug/l	0.00
Spiked Amount						
			Recovery	=	83.86%	
50) Toluene-d8	9.47	98	539013	35.12	ug/l	0.00
Spiked Amount						
			Recovery	=	70.24%	
62) 4-Bromofluorobenzene	12.43	95	250956	45.13	ug/l	0.00
Spiked Amount						
			Recovery	=	90.26%	

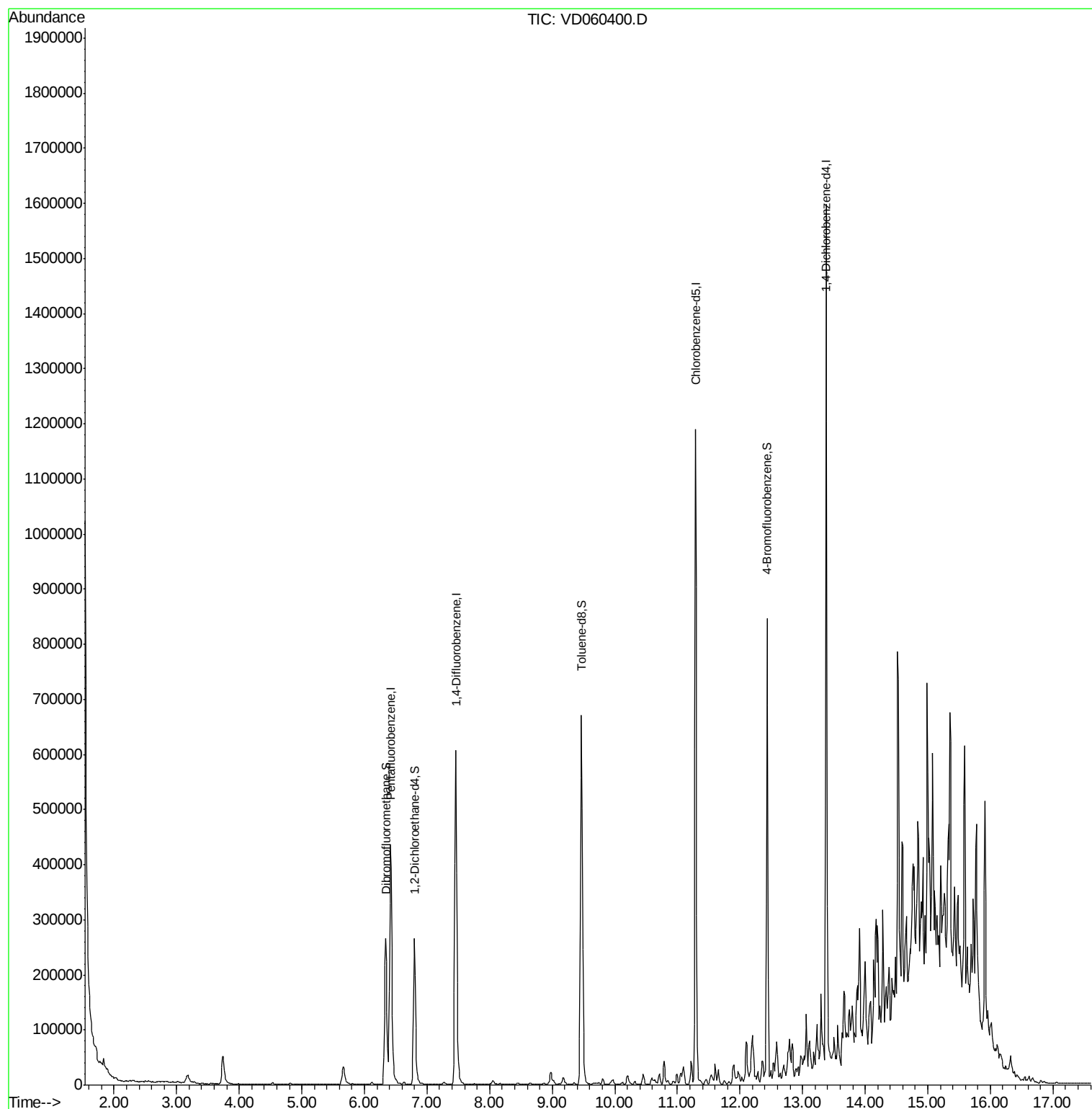
Target Compounds	Qvalue

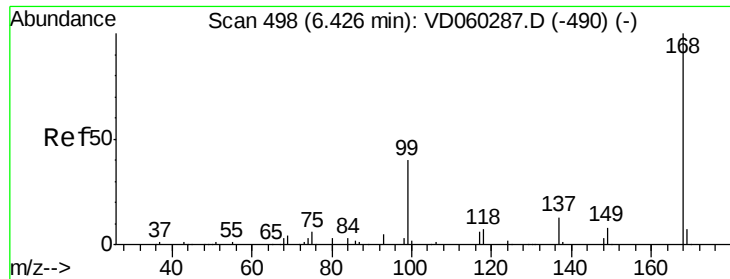
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060400.D

Acq: 16 Nov 2018 16:11

Instrument :

MSVOA_D

ClientSampleId :

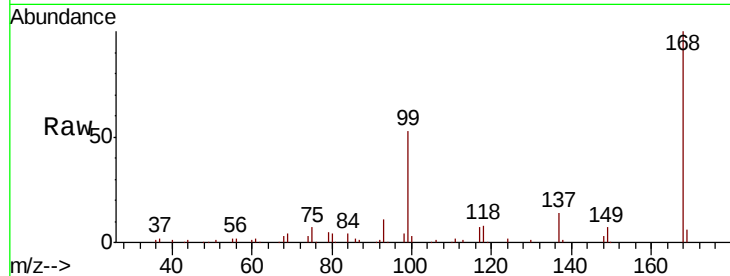
FDSB-06(10-12)RE

Tot Ion:168 Resp: 430736

Ion Ratio Lower Upper

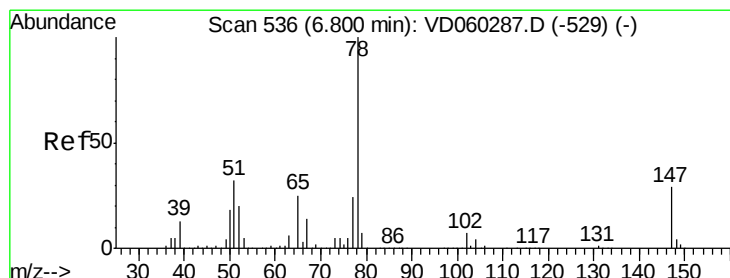
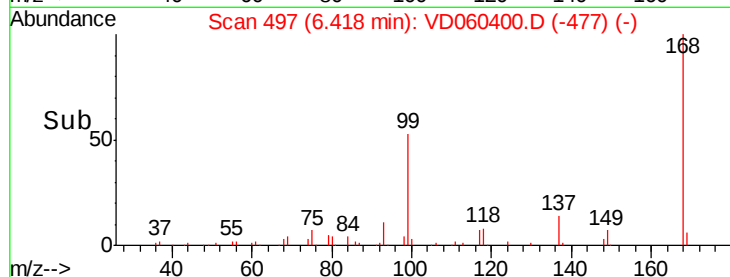
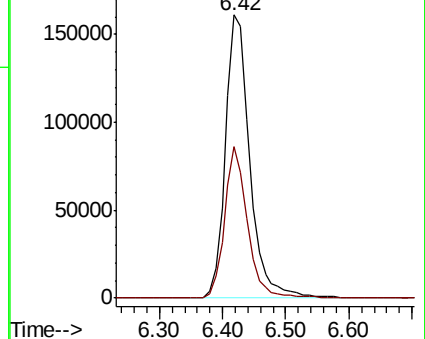
168 100

99 53.5 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.80 min Scan# 536

Delta R.T. 0.00 min

Lab File: VD060400.D

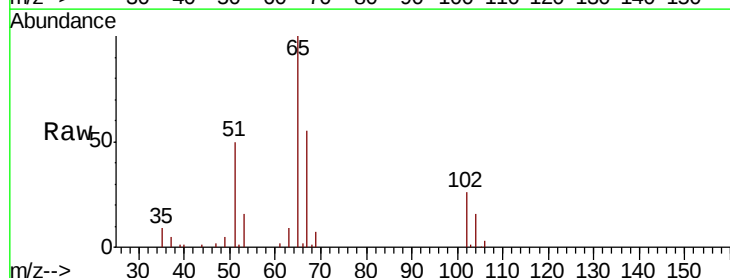
Acq: 16 Nov 2018 16:11

Tgt Ion: 65 Resp: 213438

Ion Ratio Lower Upper

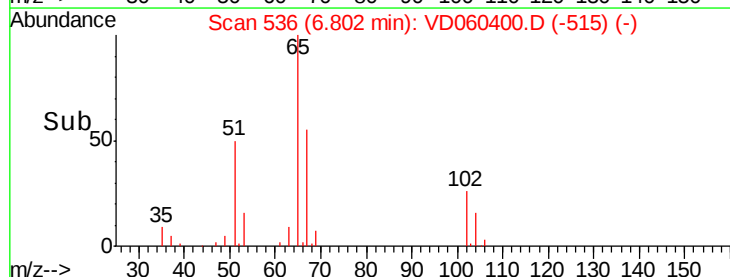
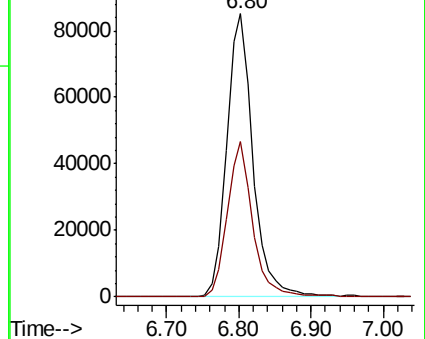
65 100

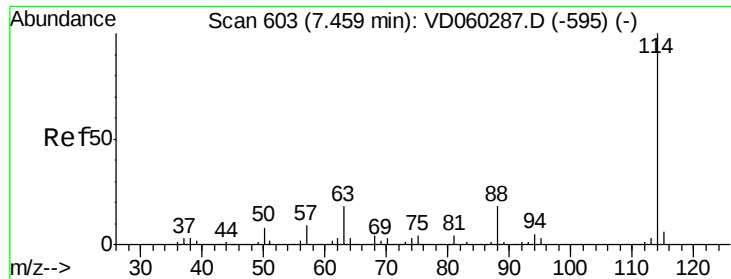
67 54.7 0.0 109.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

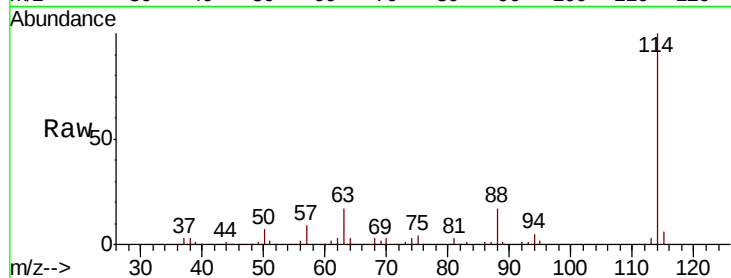




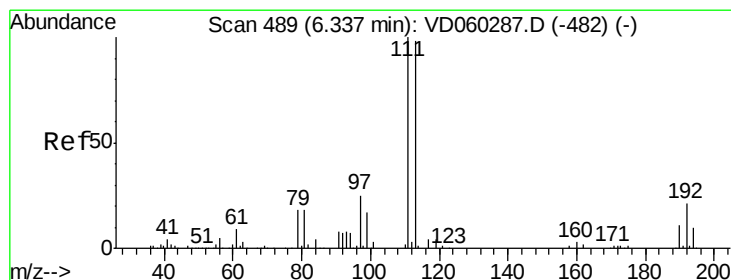
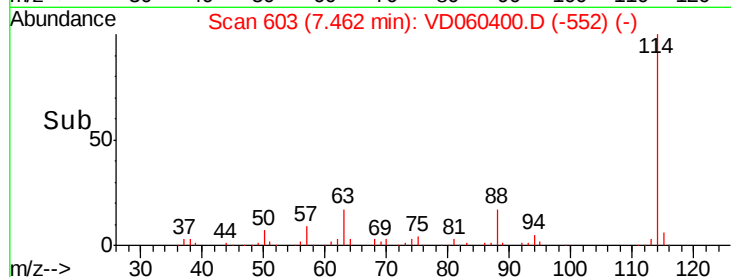
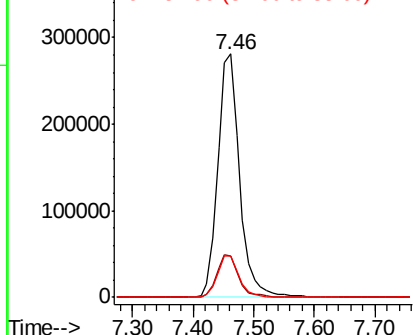
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.46 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VD060400.D
 Acq: 16 Nov 2018 16:11

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-06(10-12)RE

Tot Ion:114 Resp: 703200
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 34.0
 88 17.1 0.0 35.4

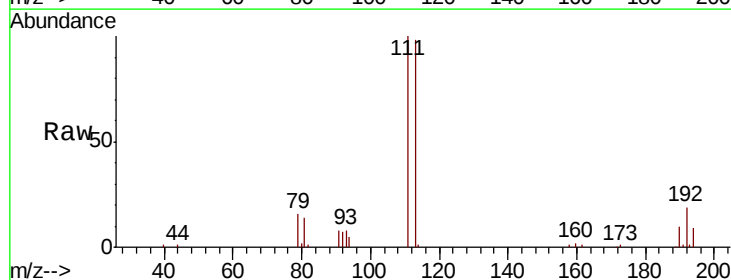


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

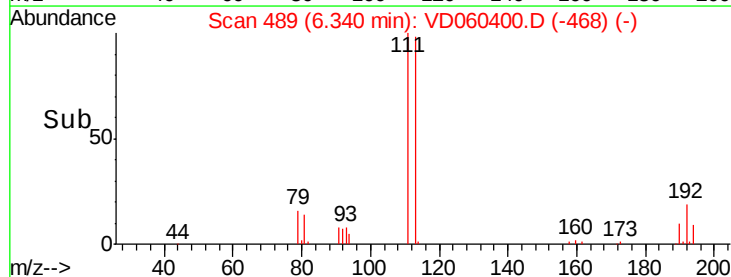
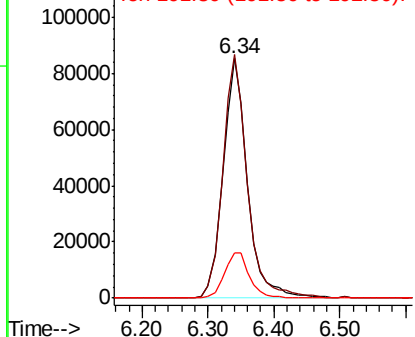


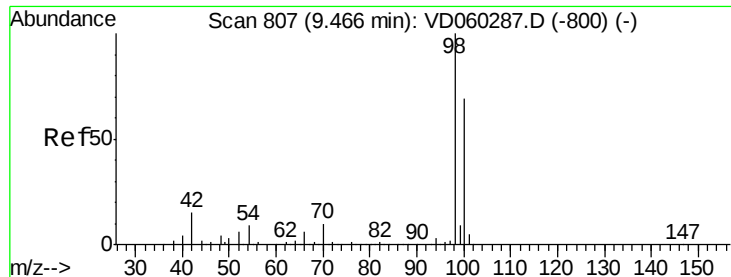
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.34 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: VD060400.D
 Acq: 16 Nov 2018 16:11

Tgt Ion:113 Resp: 219857
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.6 122.4
 192 18.9 16.5 24.7



Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.47 min Scan# 807

Delta R.T. 0.00 min

Lab File: VD060400.D

Acq: 16 Nov 2018 16:11

Instrument :

MSVOA_D

ClientSampleId :

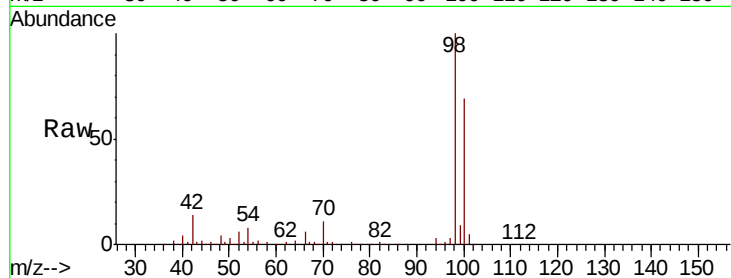
FDSB-06(10-12)RE

Tot Ion: 98 Resp: 539013

Ion Ratio Lower Upper

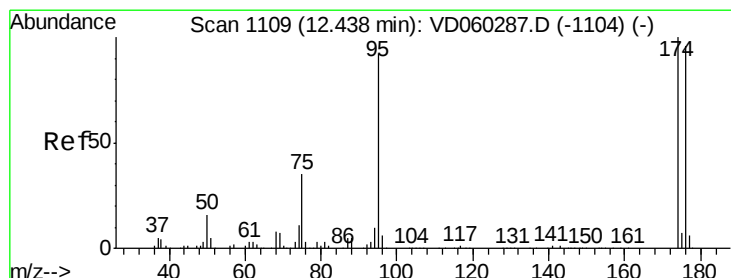
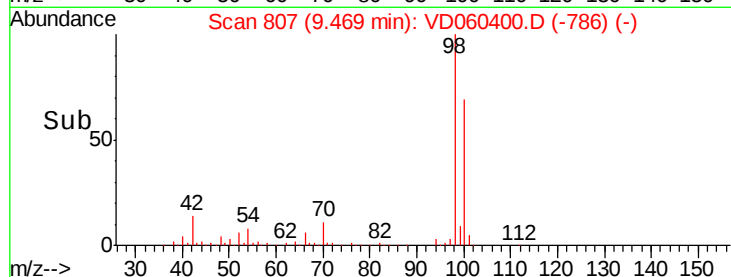
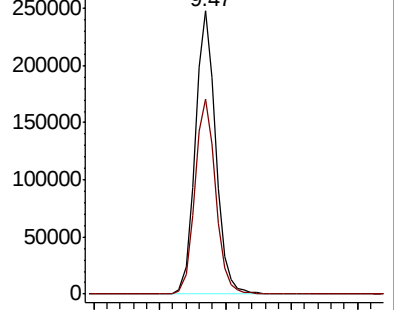
98 100

100 69.1 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060400.D

Acq: 16 Nov 2018 16:11

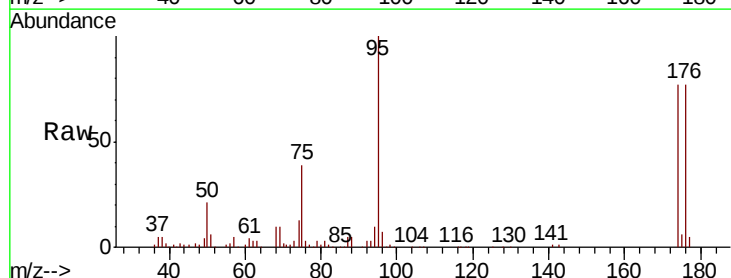
Tgt Ion: 95 Resp: 250956

Ion Ratio Lower Upper

95 100

174 77.1 0.0 160.8

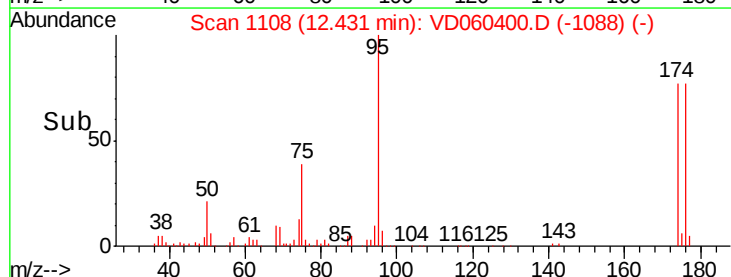
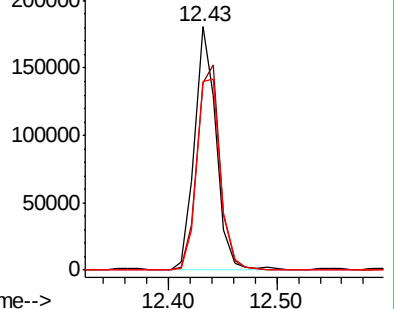
176 77.3 0.0 154.6

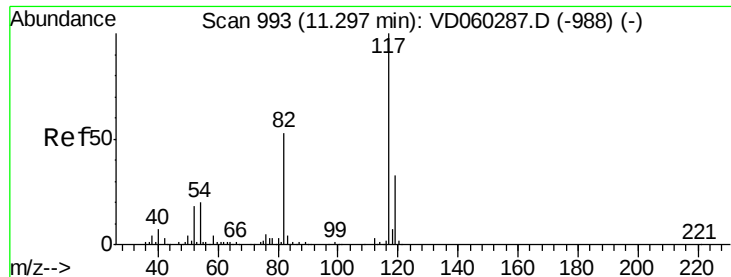


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

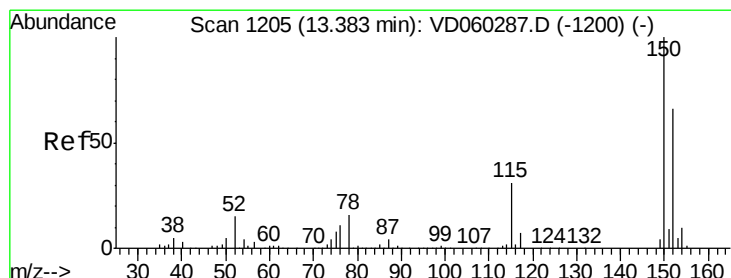
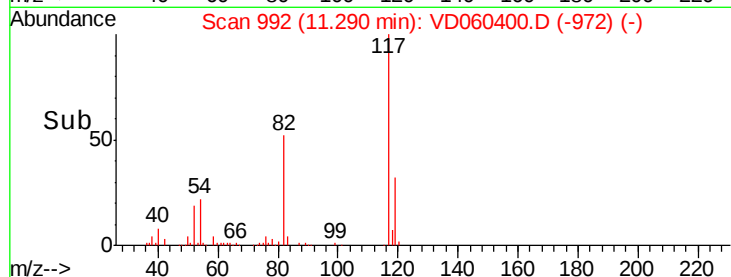
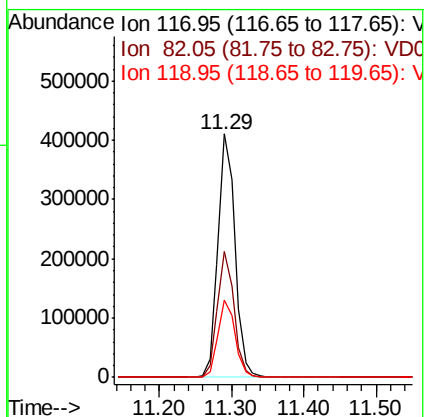
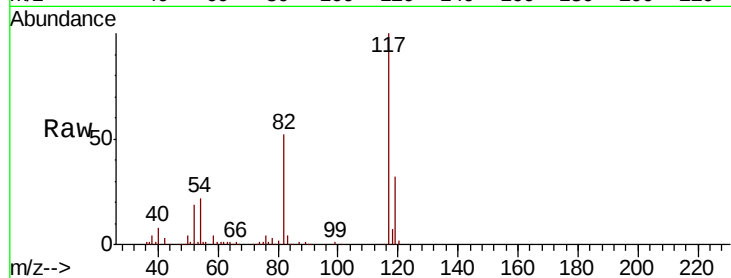




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060400.D
Acq: 16 Nov 2018 16:11

Instrument :
MSVOA_D
ClientSampleId :
FDSB-06(10-12)RE

Tot Ion:117 Resp: 666829
Ion Ratio Lower Upper
117 100
82 51.6 43.7 65.5
119 31.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060400.D
Acq: 16 Nov 2018 16:11

Tgt Ion:152 Resp: 356312
Ion Ratio Lower Upper
152 100
115 61.6 24.1 72.3
150 158.4 0.0 310.6

