

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112118\
 Data File : VD060443.D
 Acq On : 21 Nov 2018 15:33
 Operator : JC/SY
 Sample : J5967-05RE
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-13(6-8)RE

Quant Time: Nov 22 03:44:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 19 16:31:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	22654	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.45	114	36046	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	38967	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	23888	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	18643	114.93	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	229.86%	
35) Dibromofluoromethane	6.32	113	15755	58.62	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	117.24%	
50) Toluene-d8	9.46	98	39313	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.43	95	20041	70.30	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	140.60%	

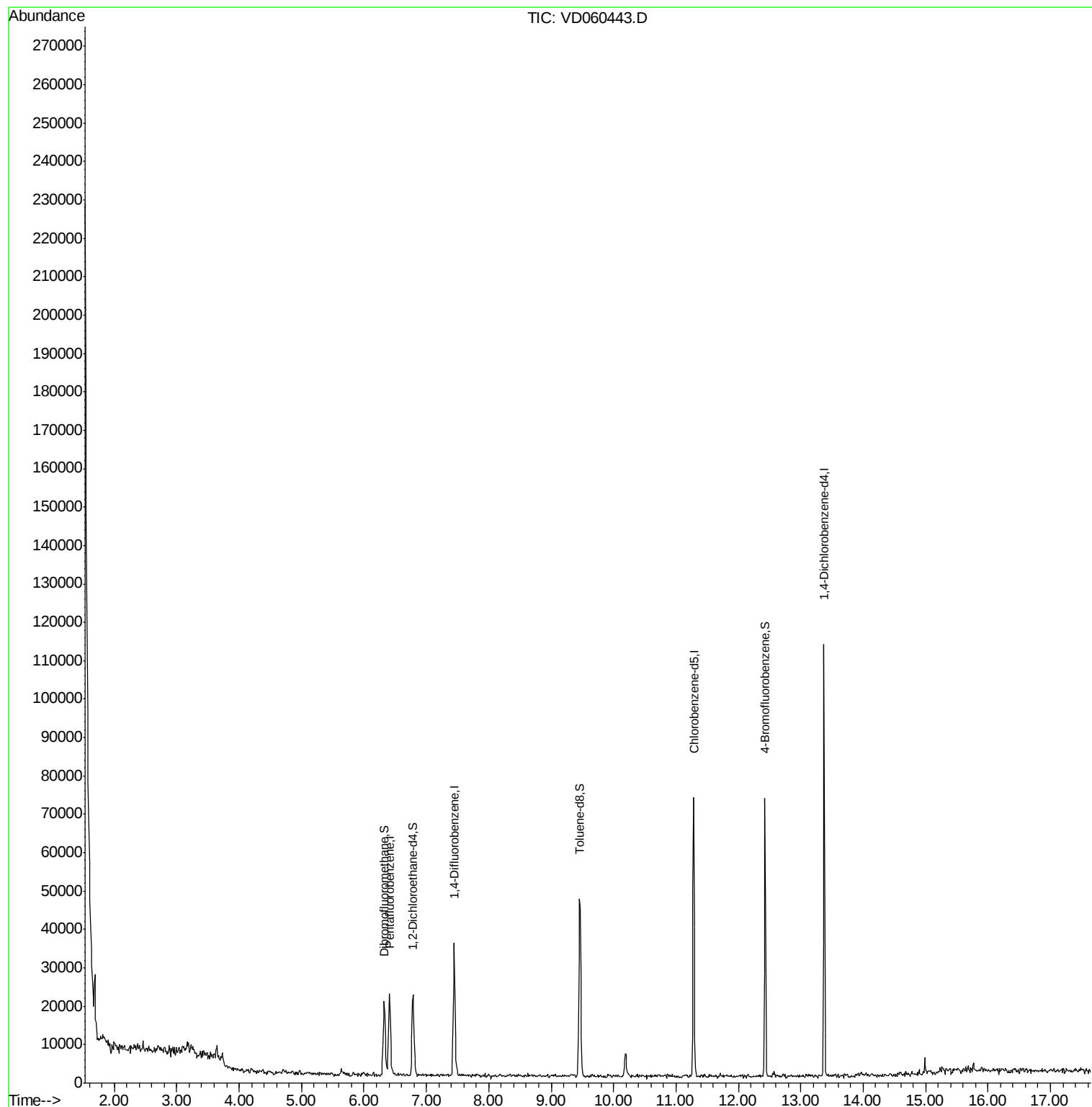
Target Compounds	Qvalue

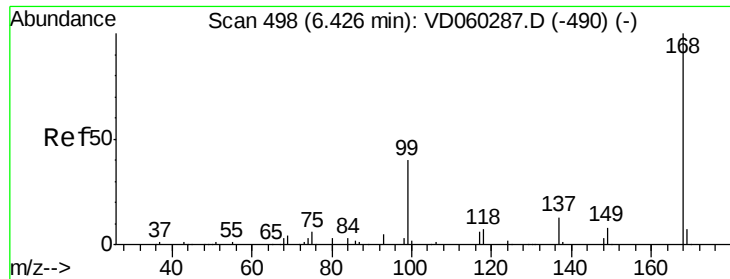
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Nov 19 16:31:59 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.41 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060443.D

Acq: 21 Nov 2018 15:33

Instrument :

MSVOA_D

ClientSampleId :

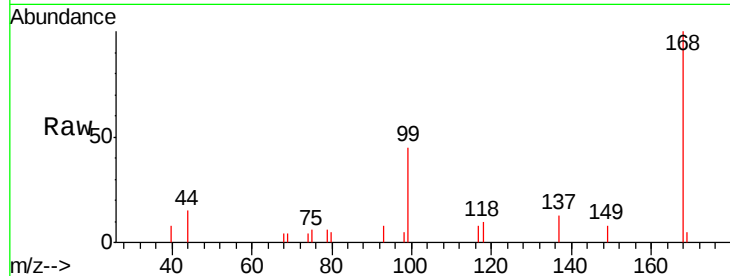
FDSB-13(6-8)RE

Tgt Ion:168 Resp: 22654

Ion Ratio Lower Upper

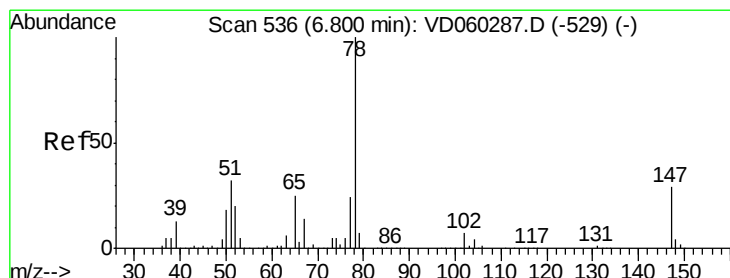
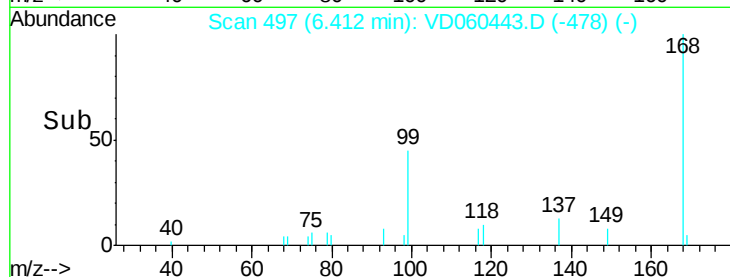
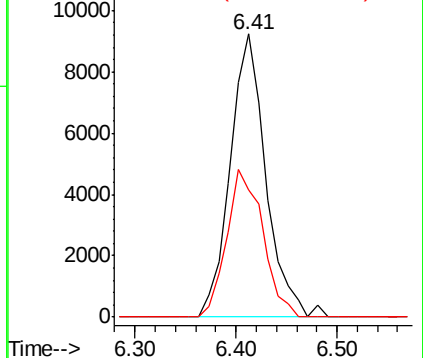
168 100

99 45.0 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: 6.79 min Scan# 535

Delta R.T. -0.01 min

Lab File: VD060443.D

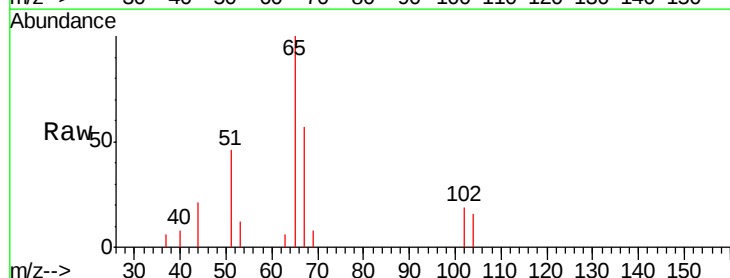
Acq: 21 Nov 2018 15:33

Tgt Ion: 65 Resp: 18643

Ion Ratio Lower Upper

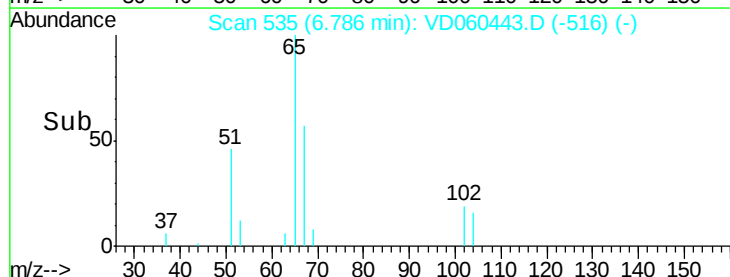
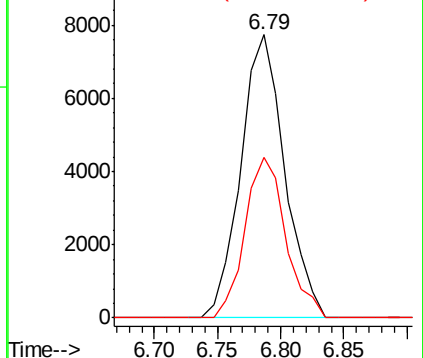
65 100

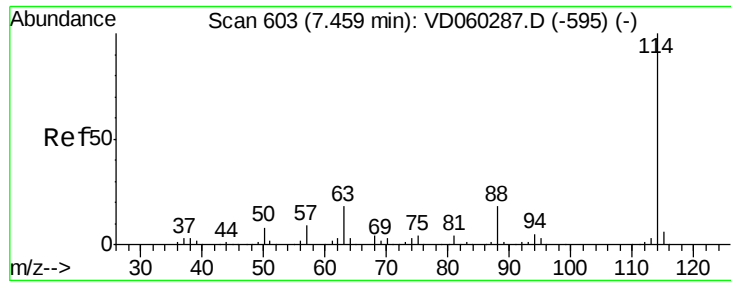
67 56.6 0.0 109.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

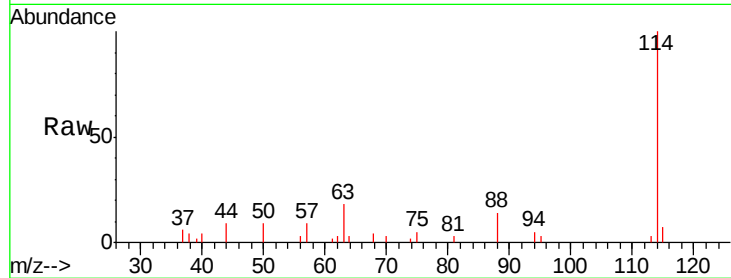




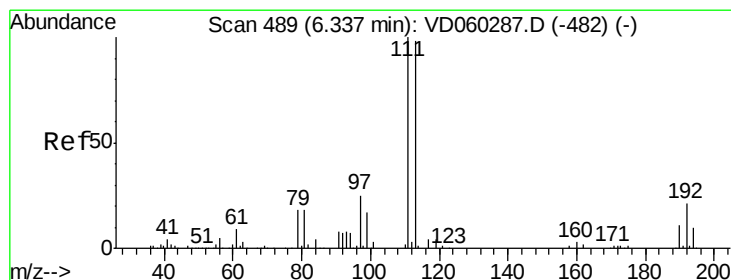
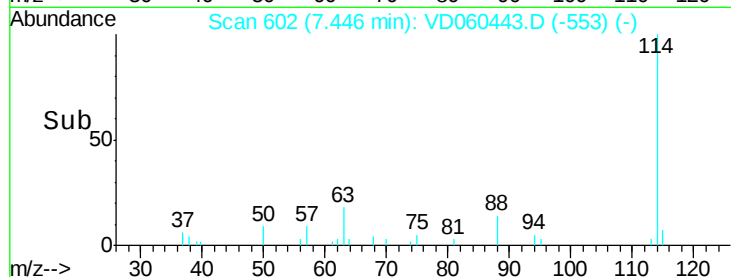
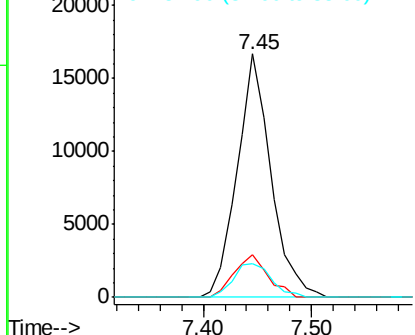
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060443.D
 Acq: 21 Nov 2018 15:33

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-13(6-8)RE

Tgt Ion:114 Resp: 36046
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 34.0
 88 13.8 0.0 35.4

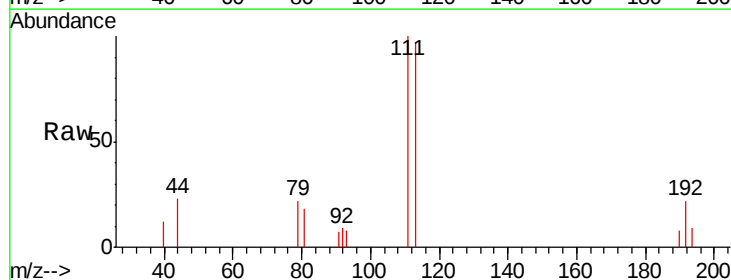


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

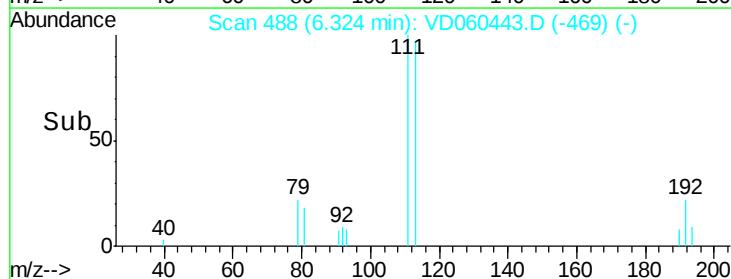
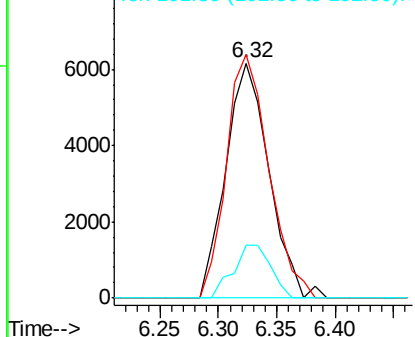


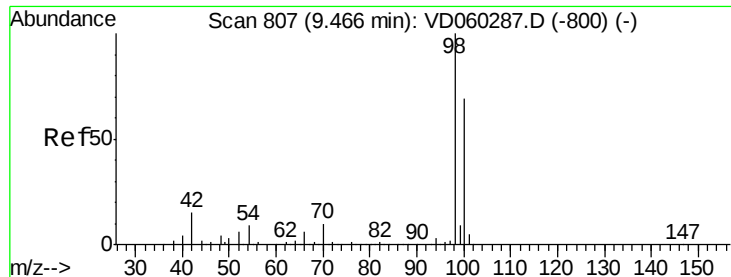
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.32 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: VD060443.D
 Acq: 21 Nov 2018 15:33

Tgt Ion:113 Resp: 15755
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.6 122.4
 192 22.3 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: 9.46 min Scan# 807

Delta R.T. -0.00 min

Lab File: VD060443.D

Acq: 21 Nov 2018 15:33

Instrument :

MSVOA_D

ClientSampleId :

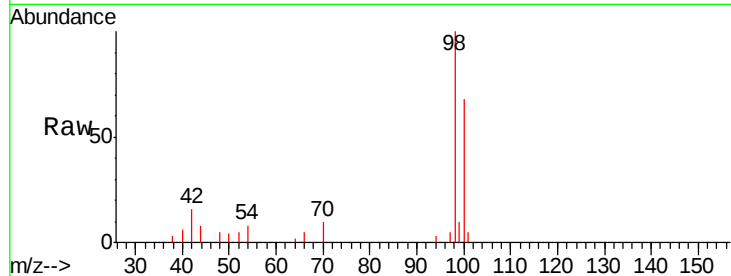
FDSB-13(6-8)RE

Tgt Ion: 98 Resp: 39313

Ion Ratio Lower Upper

98 100

100 68.0 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

20000

15000

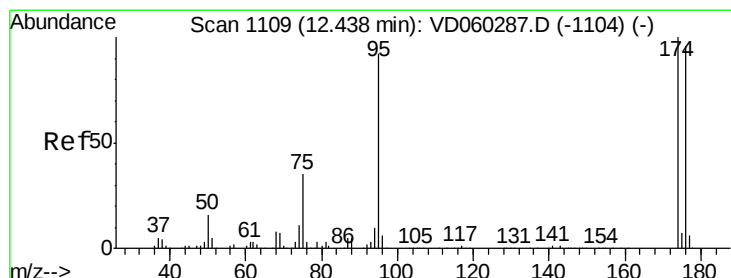
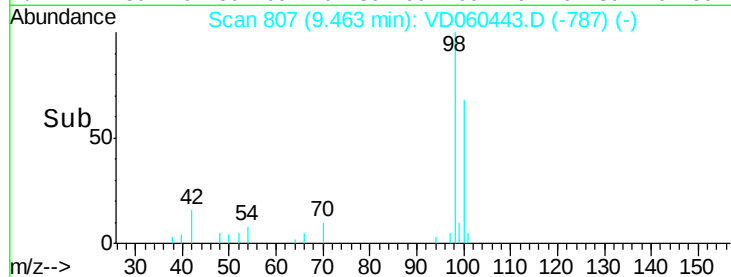
10000

5000

0

9.35 9.40 9.45 9.50 9.55

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060443.D

Acq: 21 Nov 2018 15:33

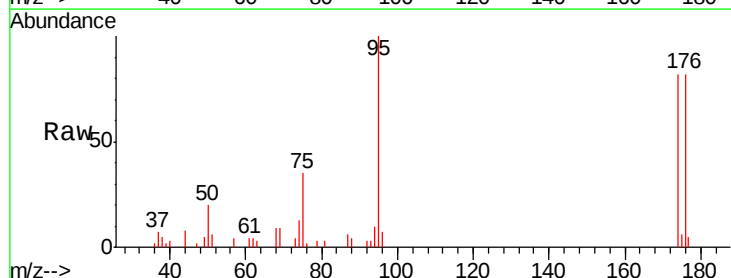
Tgt Ion: 95 Resp: 20041

Ion Ratio Lower Upper

95 100

174 82.4 0.0 160.8

176 82.2 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

20000

15000

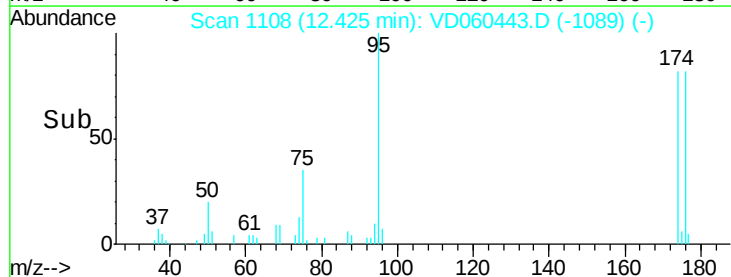
10000

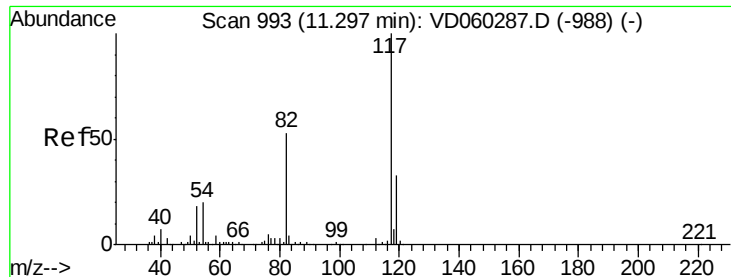
5000

0

12.35 12.40 12.45

Time-->

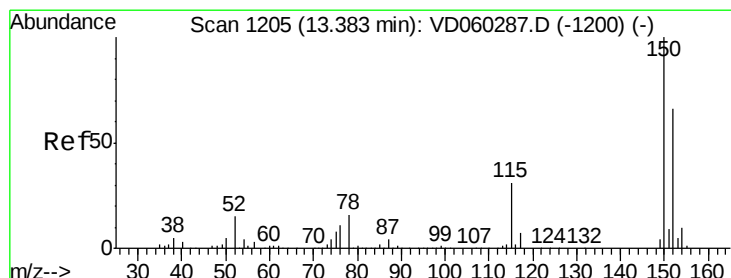
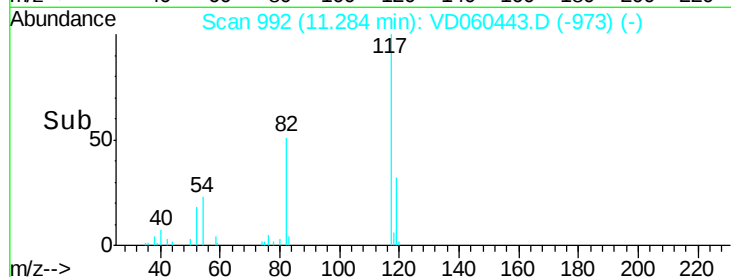
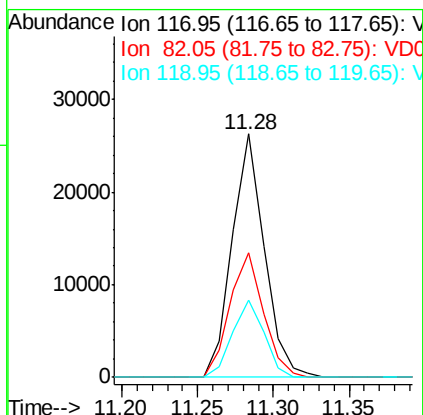
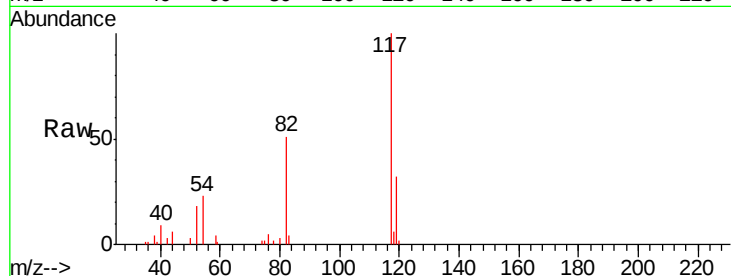




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.28 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060443.D
Acq: 21 Nov 2018 15:33

Instrument :
MSVOA_D
ClientSampleId :
FDSB-13(6-8)RE

Tgt Ion:117 Resp: 38967
Ion Ratio Lower Upper
117 100
82 51.4 43.7 65.5
119 31.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060443.D
Acq: 21 Nov 2018 15:33

Tgt Ion:152 Resp: 23888
Ion Ratio Lower Upper
152 100
115 53.6 24.1 72.3
150 146.7 0.0 310.6

