

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111418\
 Data File : VD060388.D
 Acq On : 14 Nov 2018 19:30
 Operator : JC/SY
 Sample : J5918-11
 Misc : 5.01g/5ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-01(10-12)

Quant Time: Nov 15 06:04:49 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

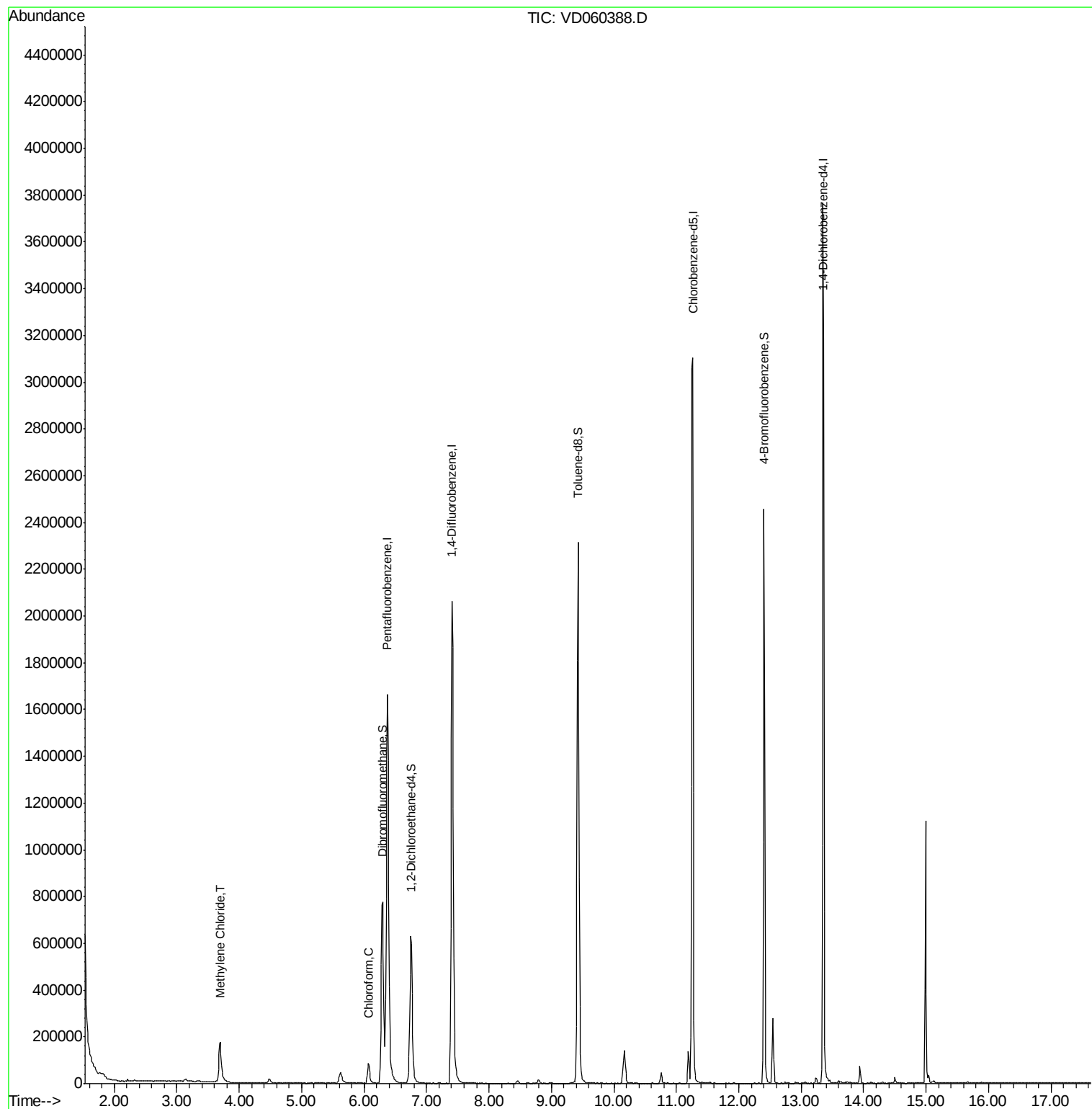
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	1683154	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	7.41	114	2261730	50.00	ug/l	-0.05
63) Chlorobenzene-d5	11.26	117	1856755	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.35	152	934871	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.75	65	455340	37.78	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	75.56%	
35) Dibromofluoromethane	6.29	113	640263	37.96	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	75.92%	
50) Toluene-d8	9.42	98	1865050	37.78	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	75.56%	
62) 4-Bromofluorobenzene	12.41	95	686423	38.38	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	76.76%	
Target Compounds						
20) Methylene Chloride	3.69	84	114841	6.19	ug/l	99
30) Chloroform	6.07	83	87805	2.92	ug/l	95

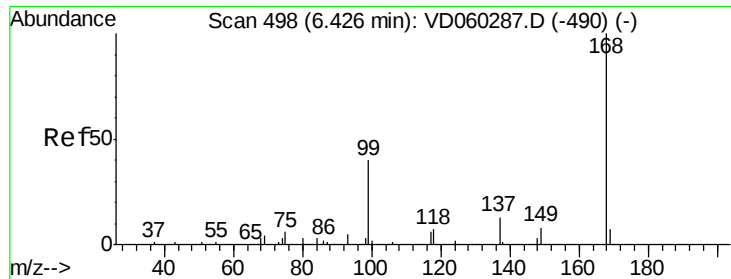
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 06 13:56:04 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.37 min Scan# 493

Delta R.T. -0.05 min

Lab File: VD060388.D

Acq: 14 Nov 2018 19:30

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MSVOA_D

ClientSampleId :

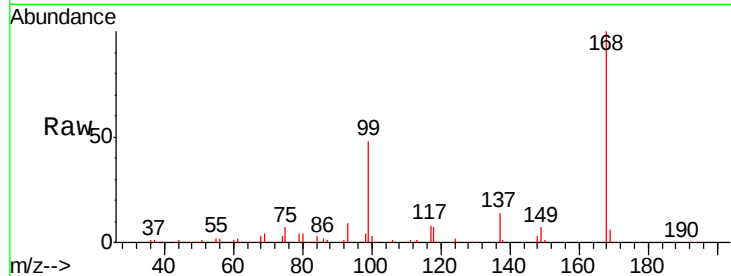
FDSB-01(10-12)

Tgt Ion:168 Resp: 1683154

Ion Ratio Lower Upper

168 100

99 47.5 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.37

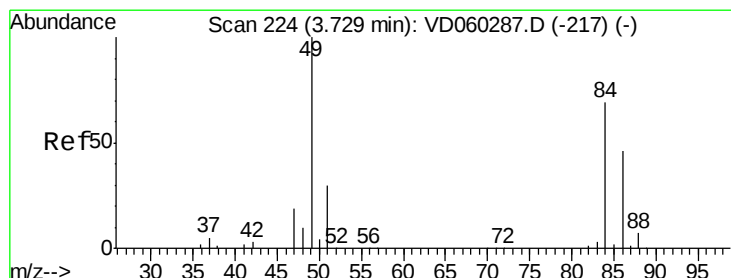
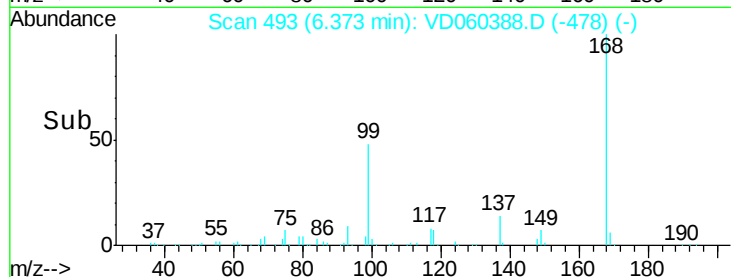
600000

400000

200000

0

Time-->



#20

Methylene Chloride

Concen: 6.19 ug/l

RT: 3.69 min Scan# 220

Delta R.T. -0.04 min

Lab File: VD060388.D

Acq: 14 Nov 2018 19:30

Tgt Ion: 84 Resp: 114841

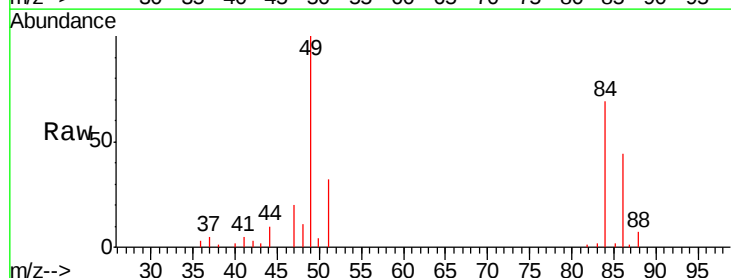
Ion Ratio Lower Upper

84 100

49 144.3 115.6 173.4

51 46.3 35.6 53.4

86 63.6 52.3 78.5



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

80000

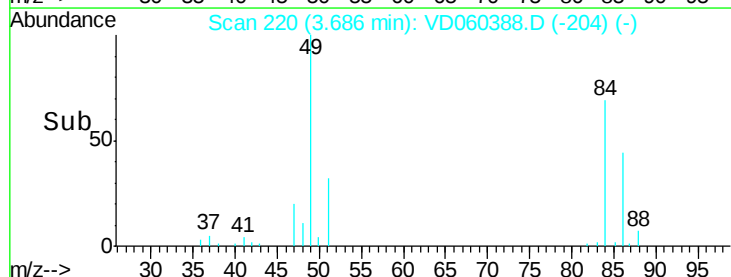
60000

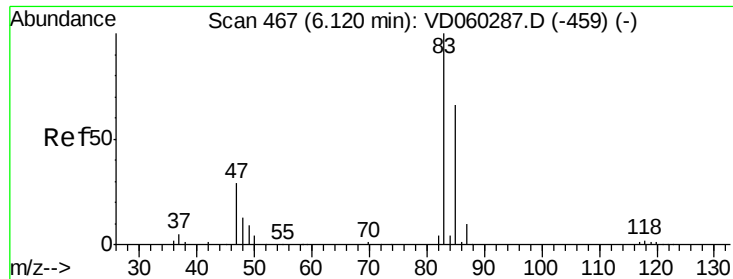
40000

20000

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Time-->

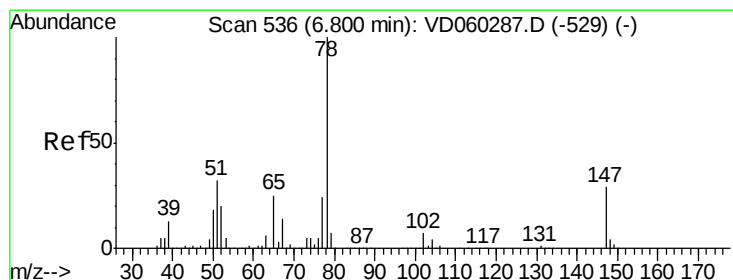
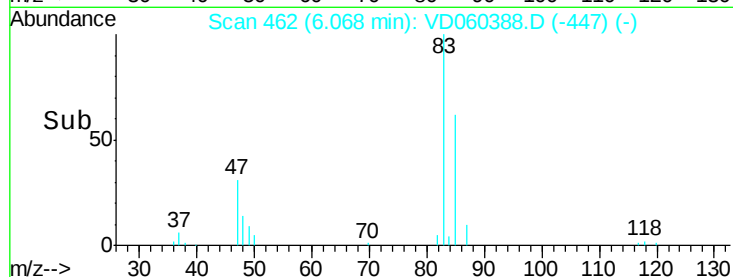
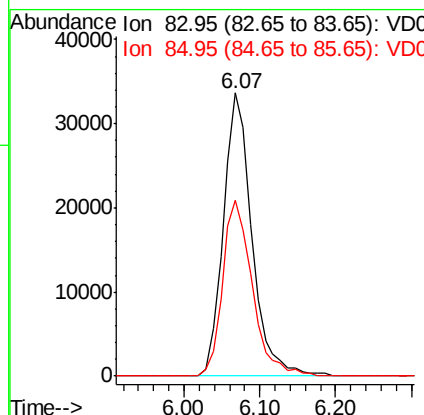
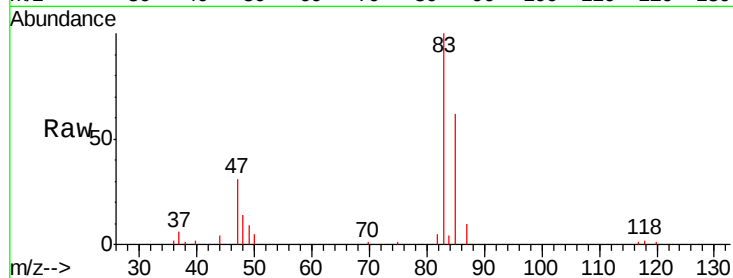




#30
Chloroform
Concen: 2.92 ug/l
RT: 6.07 min Scan# 462
Delta R.T. -0.05 min
Lab File: VD060388.D
Acq: 14 Nov 2018 19:30

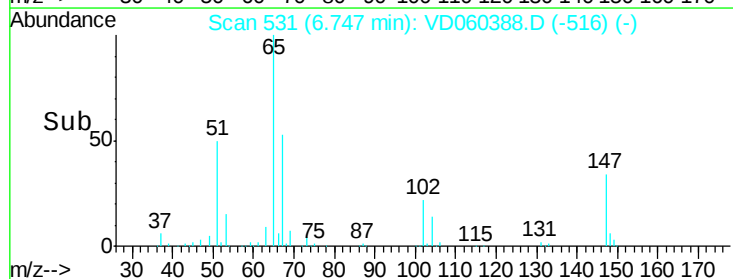
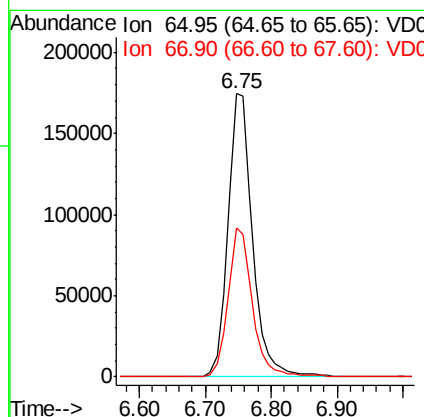
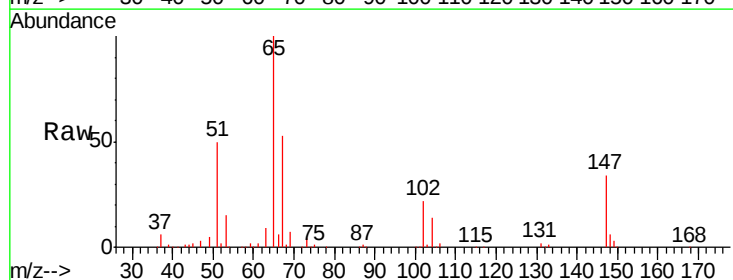
Instrument :
MSVOA_D
ClientSampleId :
FDSB-01(10-12)

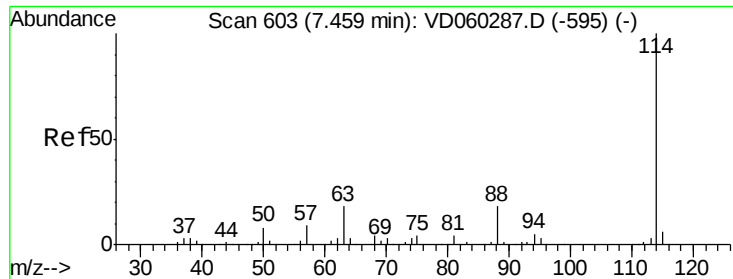
Tgt Ion: 83 Resp: 87805
Ion Ratio Lower Upper
83 100
85 61.9 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.75 min Scan# 531
Delta R.T. -0.05 min
Lab File: VD060388.D
Acq: 14 Nov 2018 19:30

Tgt Ion: 65 Resp: 455340
Ion Ratio Lower Upper
65 100
67 52.7 0.0 109.8

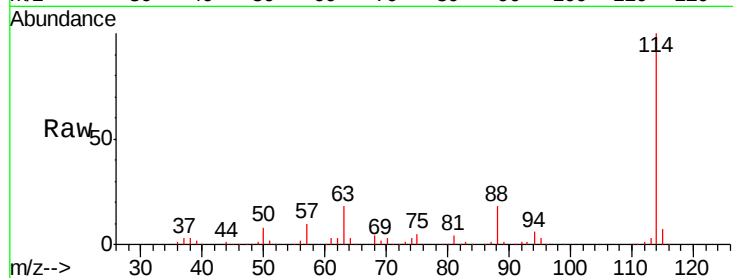




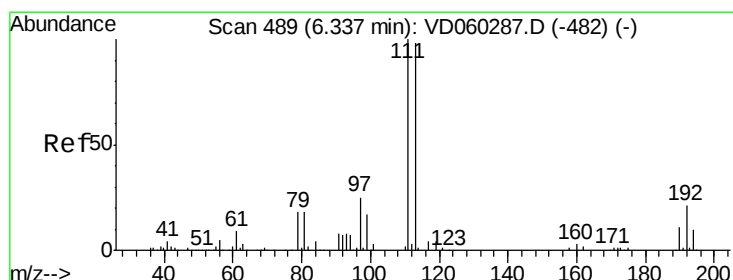
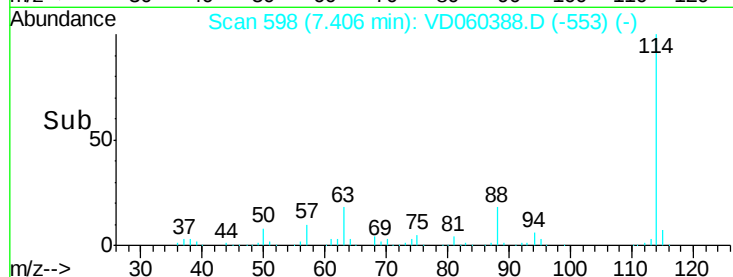
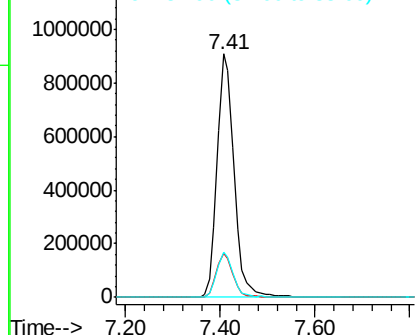
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.41 min Scan# 598
 Delta R.T. -0.05 min
 Lab File: VD060388.D
 Acq: 14 Nov 2018 19:30

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-01(10-12)

Tgt Ion:114 Resp: 2261730
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 34.0
 88 18.4 0.0 35.4

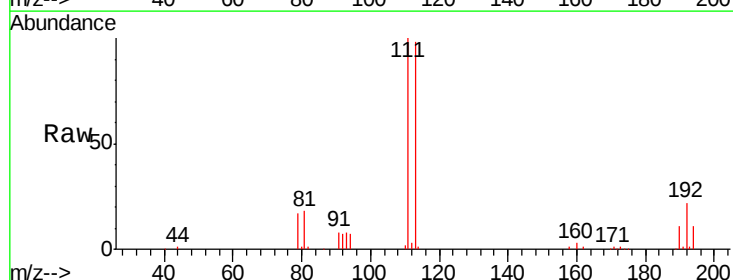


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

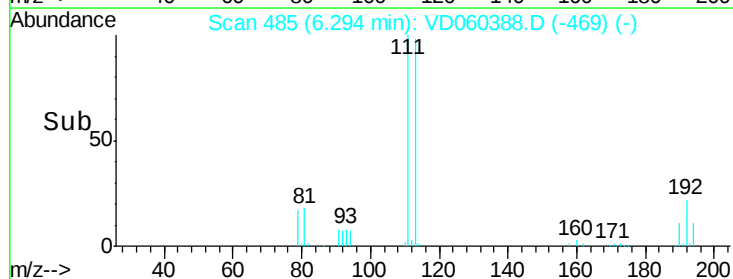
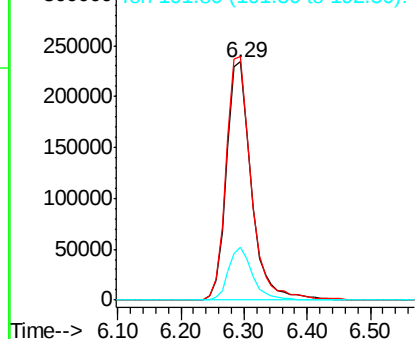


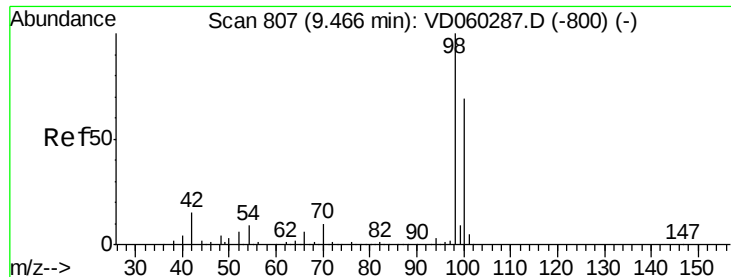
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.29 min Scan# 485
 Delta R.T. -0.04 min
 Lab File: VD060388.D
 Acq: 14 Nov 2018 19:30

Tgt Ion:113 Resp: 640263
 Ion Ratio Lower Upper
 113 100
 111 102.3 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: 9.42 min Scan# 803

Delta R.T. -0.04 min

Lab File: VD060388.D

Acq: 14 Nov 2018 19:30

Instrument :

MSVOA_D

ClientSampleId :

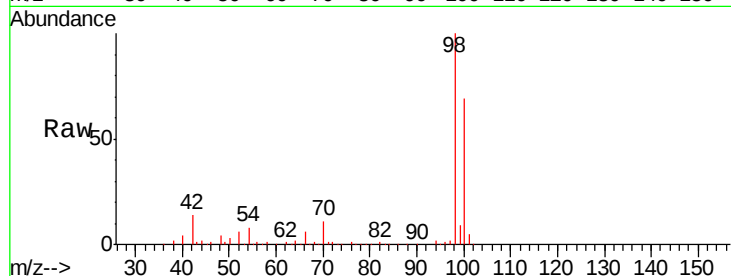
FDSB-01(10-12)

Tgt Ion: 98 Resp: 1865050

Ion Ratio Lower Upper

98 100

100 69.2 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VD060287.D (-800) (-)

Ion 100.05 (99.75 to 100.75): VD060287.D (-800) (-)

9.42

800000

600000

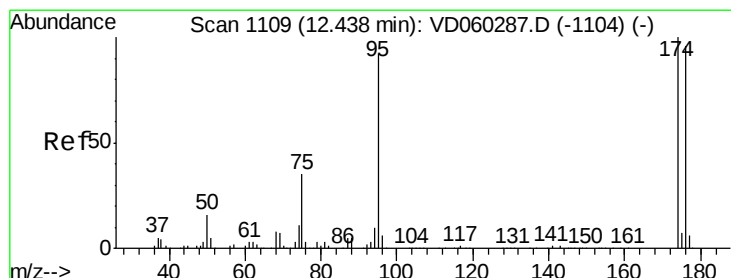
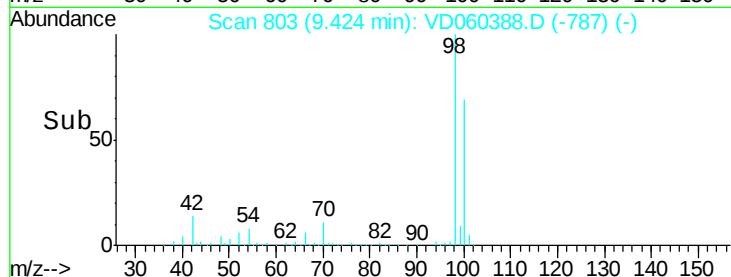
400000

200000

0

9.30 9.40 9.50 9.60

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.41 min Scan# 1106

Delta R.T. -0.03 min

Lab File: VD060388.D

Acq: 14 Nov 2018 19:30

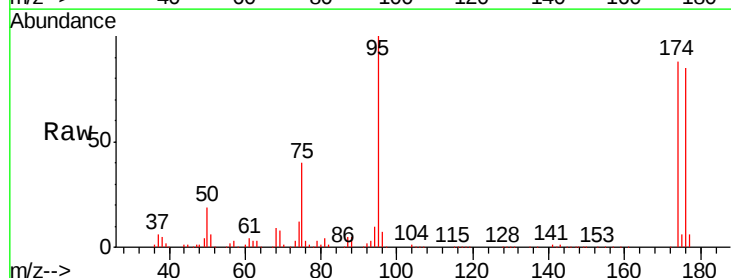
Tgt Ion: 95 Resp: 686423

Ion Ratio Lower Upper

95 100

174 87.7 0.0 160.8

176 85.3 0.0 154.6



Abundance Ion 95.00 (94.70 to 95.70): VD060287.D (-1104) (-)

Ion 173.90 (173.60 to 174.60): VD060287.D (-1104) (-)

Ion 175.90 (175.60 to 176.60): VD060287.D (-1104) (-)

12.41

600000

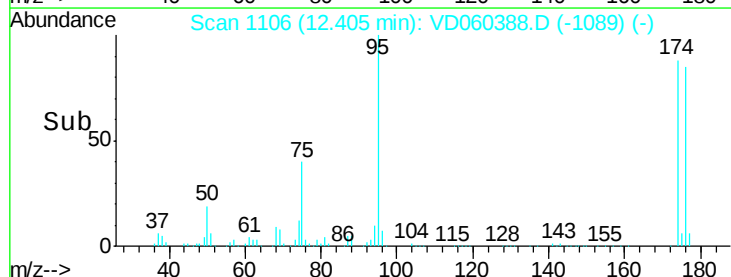
400000

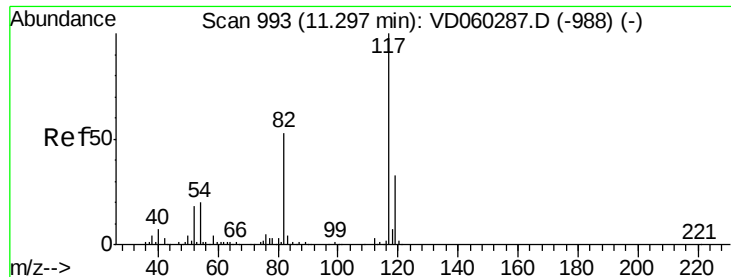
200000

0

12.30 12.40 12.50

Time-->

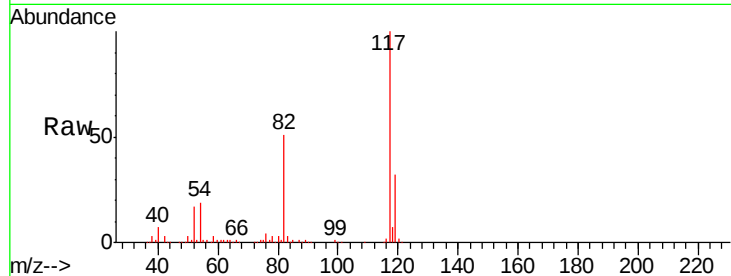




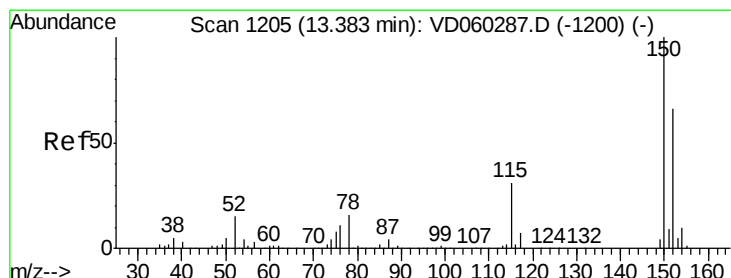
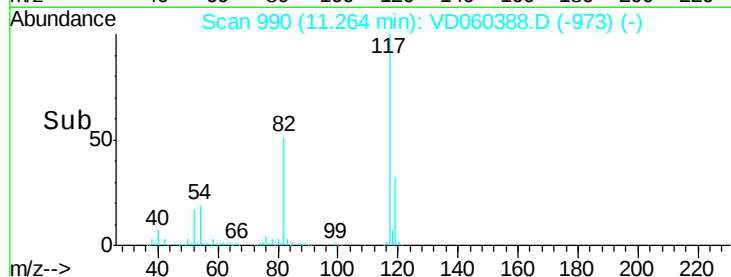
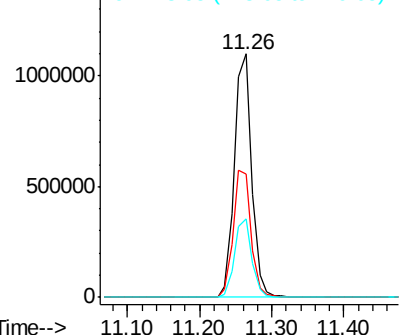
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.26 min Scan# 990
Delta R.T. -0.03 min
Lab File: VD060388.D
Acq: 14 Nov 2018 19:30

Instrument :
MSVOA_D
ClientSampleId :
FDSB-01(10-12)

Tgt Ion:117 Resp: 1856755
Ion Ratio Lower Upper
117 100
82 50.6 43.7 65.5
119 32.1 26.1 39.1

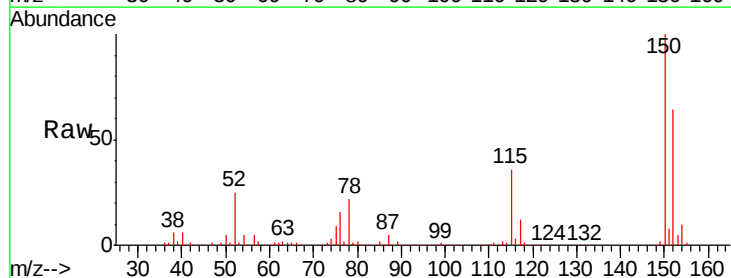


Abundance Ion 116.95 (116.65 to 117.65): V
1500000 Ion 82.05 (81.75 to 82.75): VD
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 1202
Delta R.T. -0.03 min
Lab File: VD060388.D
Acq: 14 Nov 2018 19:30

Tgt Ion:152 Resp: 934871
Ion Ratio Lower Upper
152 100
115 56.9 24.1 72.3
150 156.8 0.0 310.6



Abundance Ion 151.90 (151.60 to 152.60): V
1200000 Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

