

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112118\
 Data File : VD060440.D
 Acq On : 21 Nov 2018 14:08
 Operator : JC/SY
 Sample : J5967-05
 Misc : 5.03g/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Nov 26 12:16:40 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

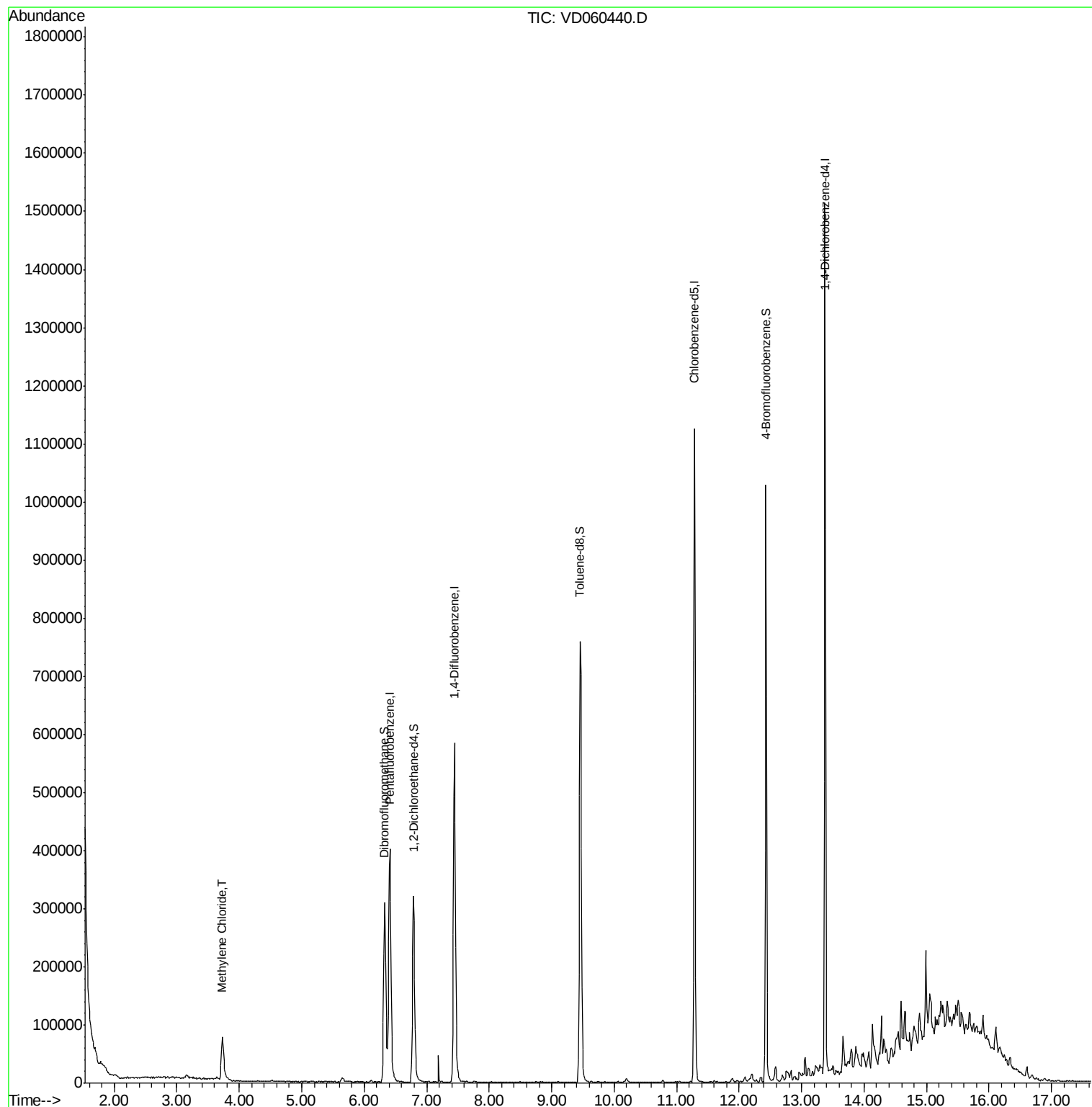
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	405145	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.45	114	612999	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	580384	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	329802	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	257860	88.89	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	177.78%	
35) Dibromofluoromethane	6.33	113	256951	56.21	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	112.42%	
50) Toluene-d8	9.45	98	627125	46.88	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	93.76%	
62) 4-Bromofluorobenzene	12.43	95	278689	57.49	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	114.98%	
Target Compounds						
20) Methylene Chloride	3.73	84	49967	11.19	ug/l	Qvalue 94

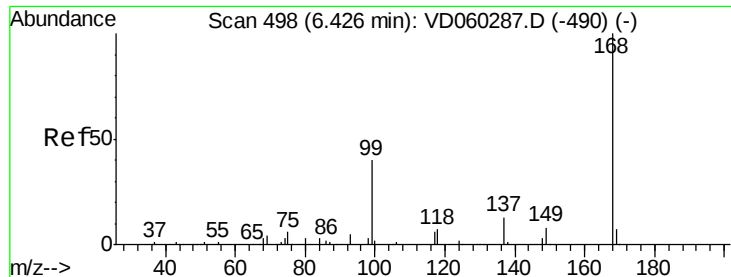
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD060440.D

Acq: 21 Nov 2018 14:08

Instrument :

MSVOA_D

ClientSampleId :

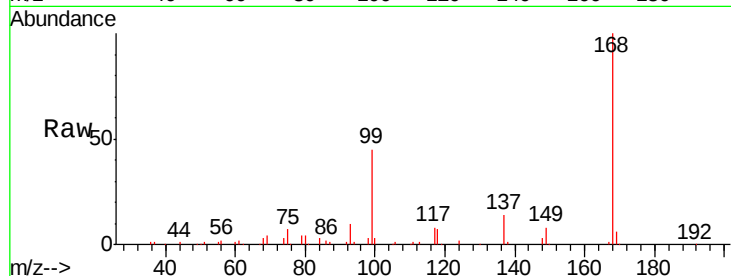
FDSB-13(6-8)

Tgt Ion:168 Resp: 405145

Ion Ratio Lower Upper

168 100

99 45.5 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

6.41

150000

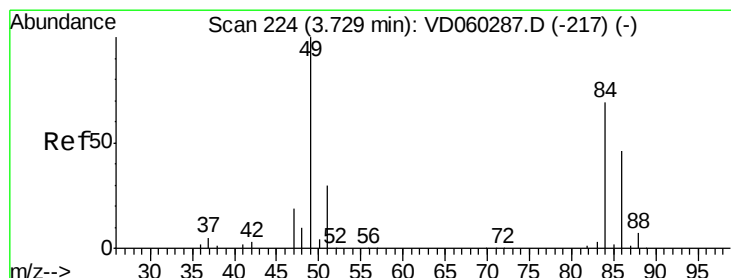
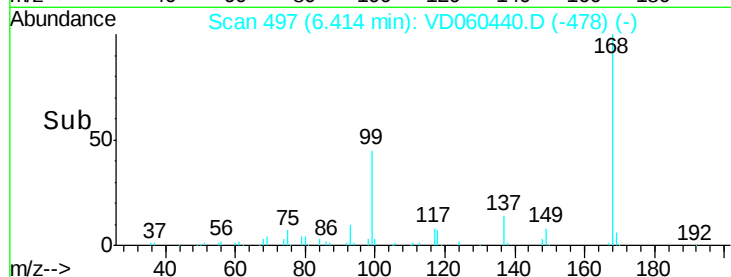
100000

50000

0

Time-->

6.30 6.40 6.50 6.60



#20

Methylene Chloride

Concen: 11.19 ug/l

RT: 3.73 min Scan# 224

Delta R.T. -0.00 min

Lab File: VD060440.D

Acq: 21 Nov 2018 14:08

Tgt Ion: 84 Resp: 49967

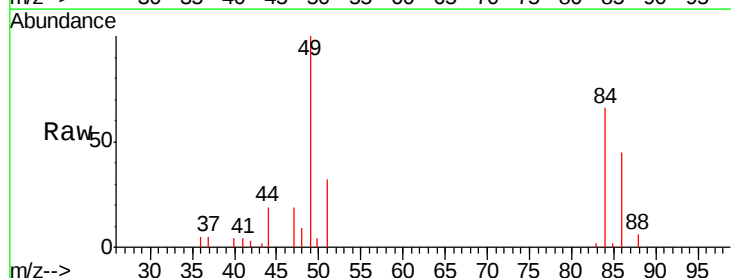
Ion Ratio Lower Upper

84 100

49 152.5 115.6 173.4

51 48.7 35.6 53.4

86 68.9 52.3 78.5



Abundance Ion 83.95 (83.65 to 84.65): V

Ion 48.90 (48.60 to 49.60): V

Ion 50.90 (50.60 to 51.60): V

Ion 85.90 (85.60 to 86.60): V

30000

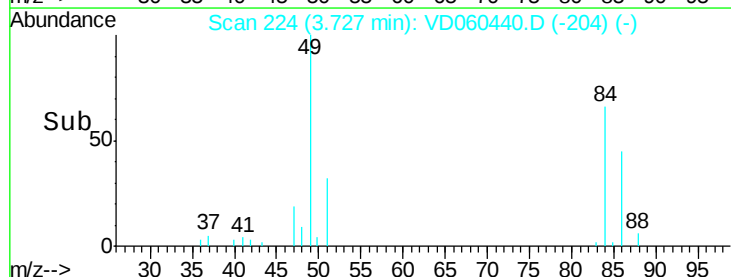
20000

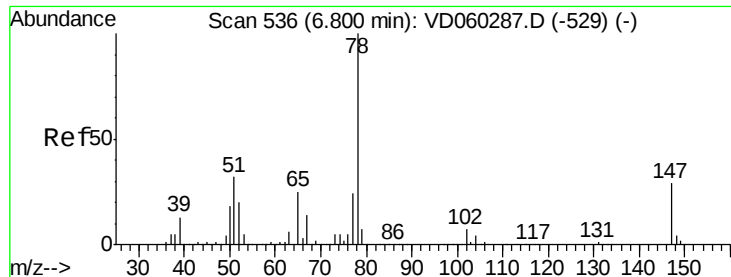
10000

0

Time-->

3.60 3.70 3.80 3.90

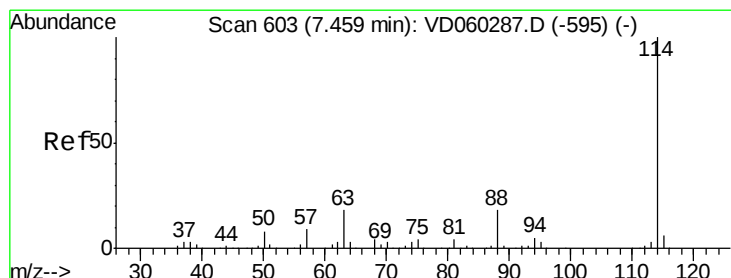
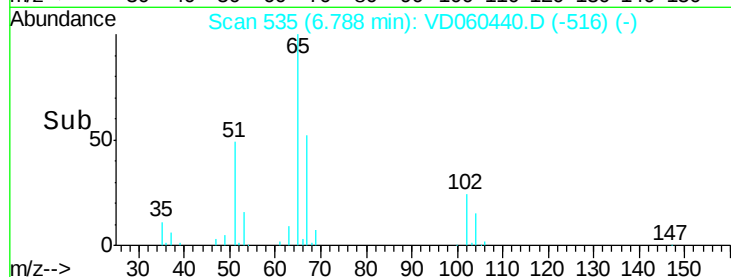
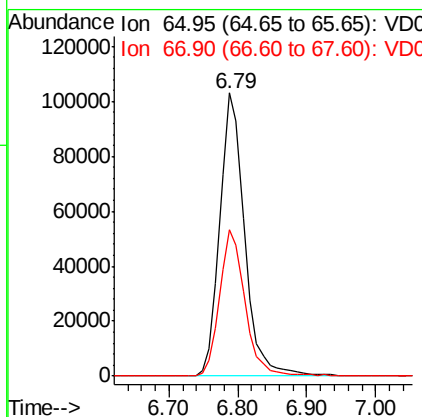
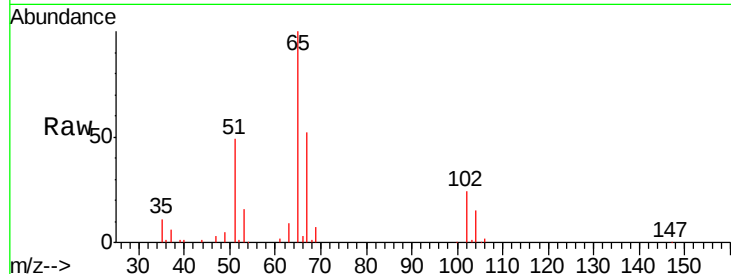




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.79 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VD060440.D
 Acq: 21 Nov 2018 14:08

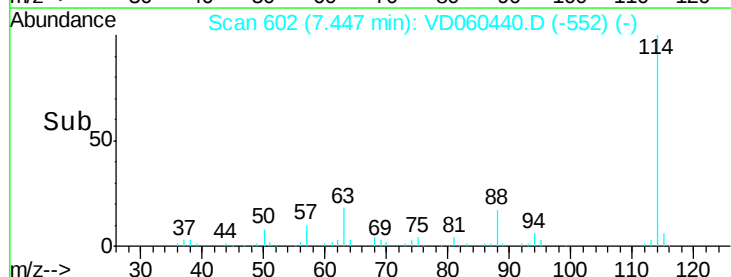
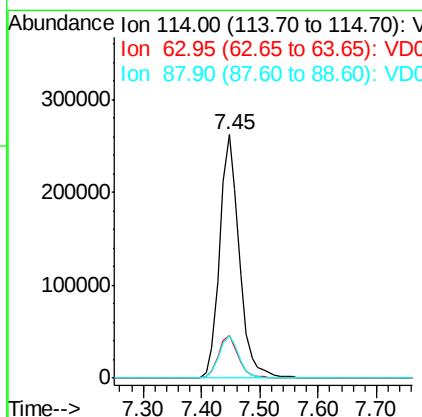
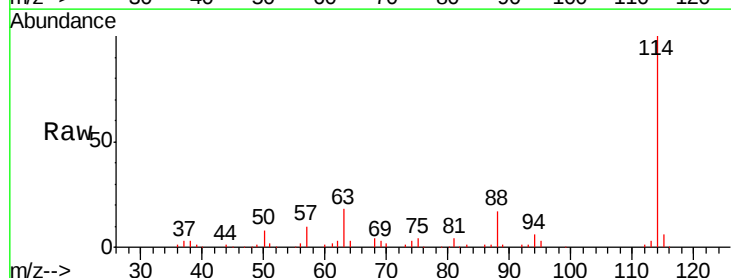
Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-13(6-8)

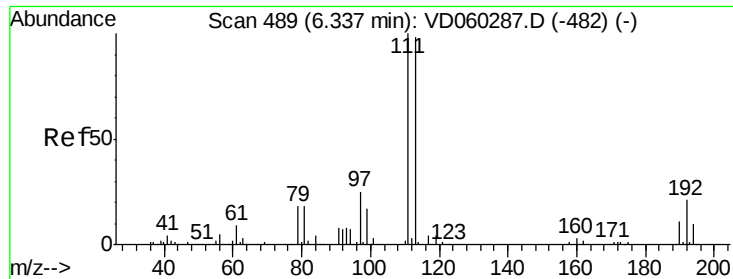
Tgt Ion: 65 Resp: 257860
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060440.D
 Acq: 21 Nov 2018 14:08

Tgt Ion: 114 Resp: 612999
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 34.0
 88 17.3 0.0 35.4





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.33 min Scan# 488

Delta R.T. -0.01 min

Lab File: VD060440.D

Acq: 21 Nov 2018 14:08

Instrument :

MSVOA_D

ClientSampleId :

FDSB-13(6-8)

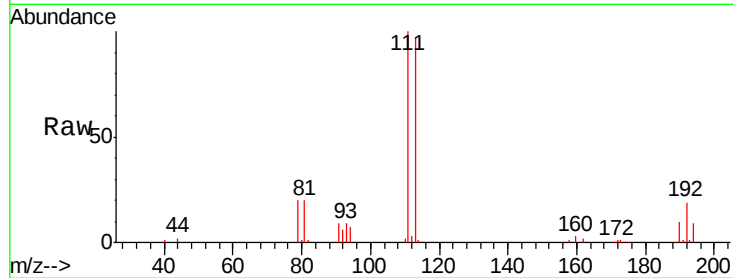
Tgt Ion:113 Resp: 256951

Ion Ratio Lower Upper

113 100

111 102.7 81.6 122.4

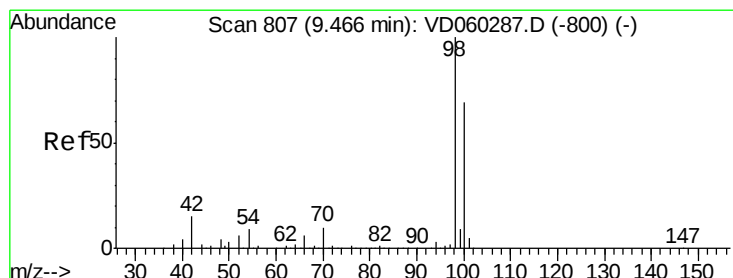
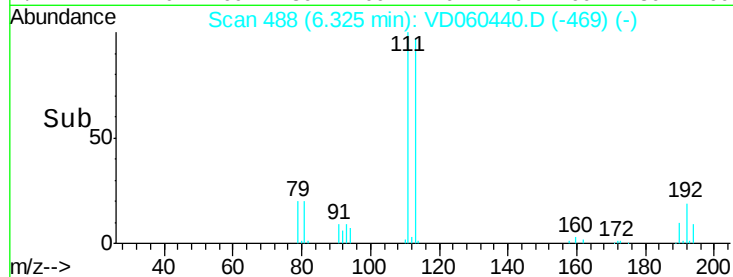
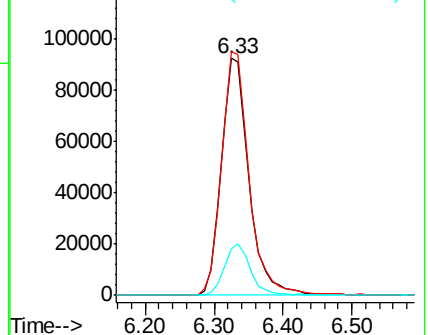
192 19.5 16.5 24.7



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: 9.45 min Scan# 806

Delta R.T. -0.01 min

Lab File: VD060440.D

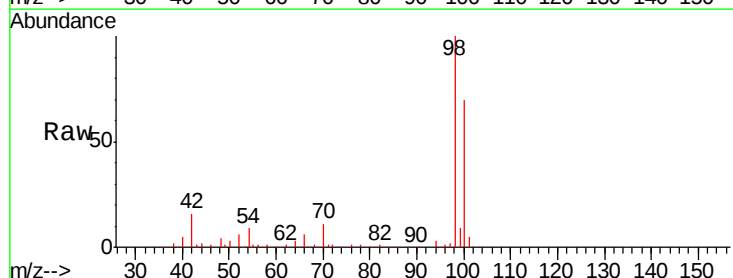
Acq: 21 Nov 2018 14:08

Tgt Ion: 98 Resp: 627125

Ion Ratio Lower Upper

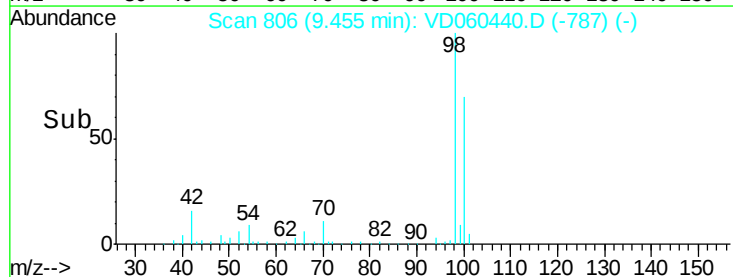
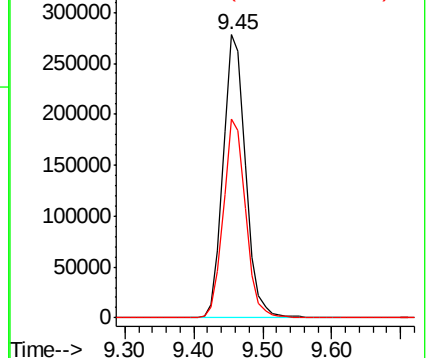
98 100

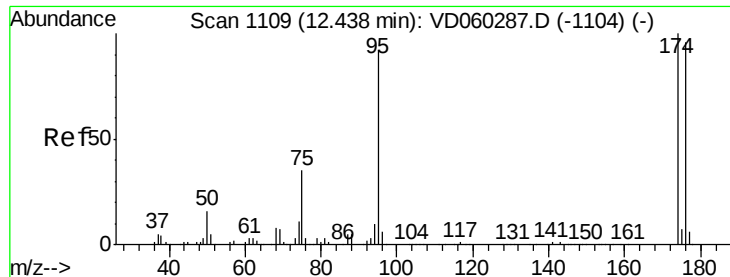
100 70.3 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060440.D

Acq: 21 Nov 2018 14:08

Instrument :

MSVOA_D

ClientSampleId :

FDSB-13(6-8)

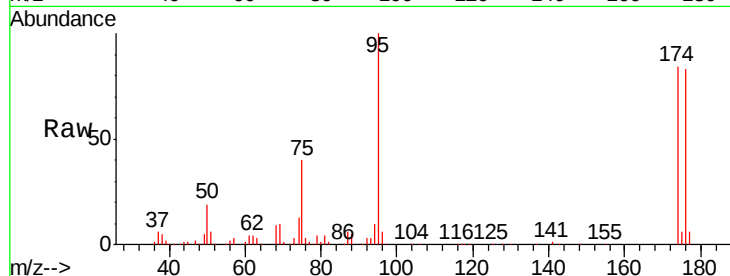
Tgt Ion: 95 Resp: 278689

Ion Ratio Lower Upper

95 100

174 84.2 0.0 160.8

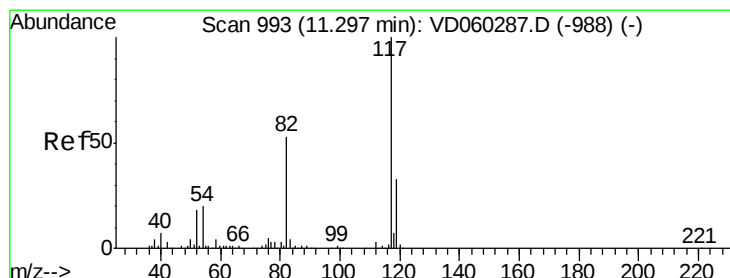
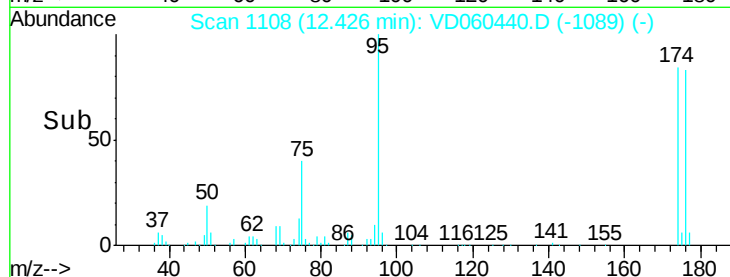
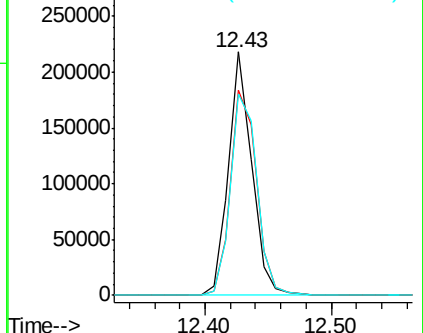
176 82.5 0.0 154.6



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.28 min Scan# 992

Delta R.T. -0.01 min

Lab File: VD060440.D

Acq: 21 Nov 2018 14:08

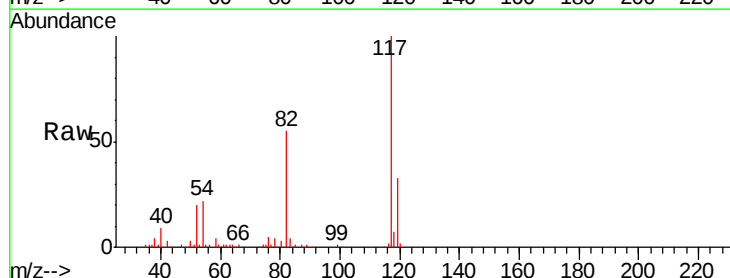
Tgt Ion: 117 Resp: 580384

Ion Ratio Lower Upper

117 100

82 55.0 43.7 65.5

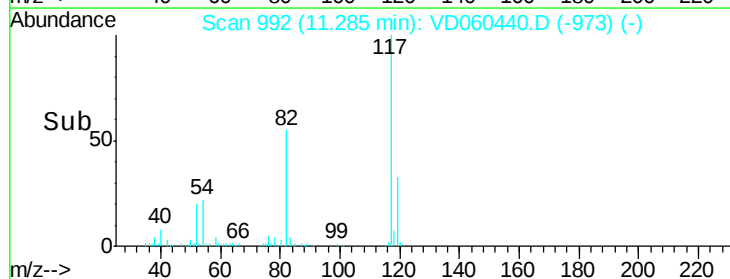
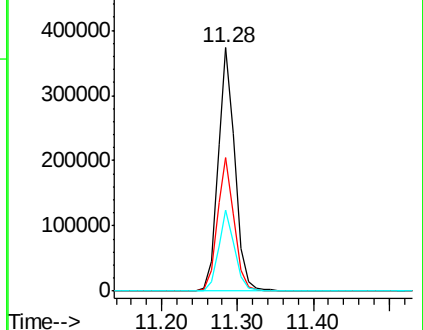
119 33.1 26.1 39.1

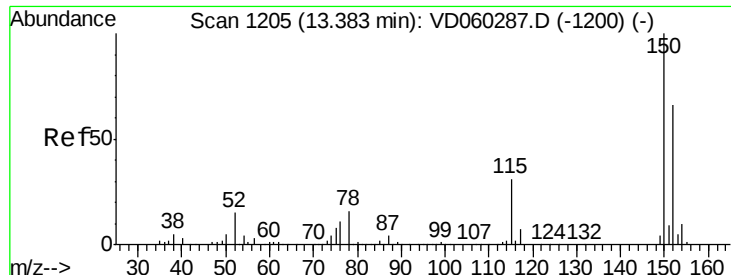


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.37 min Scan# 1204

Delta R.T. -0.01 min

Lab File: VD060440.D

Acq: 21 Nov 2018 14:08

Instrument :

MSVOA_D

ClientSampleId :

FDSB-13(6-8)

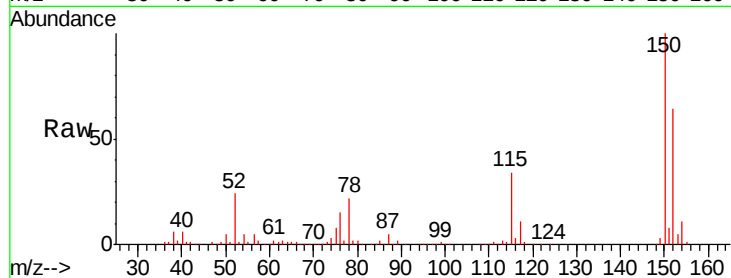
Tgt Ion:152 Resp: 329802

Ion Ratio Lower Upper

152 100

115 53.0 24.1 72.3

150 157.5 0.0 310.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

