

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111618\
 Data File : VD060394.D
 Acq On : 16 Nov 2018 13:21
 Operator : JC/SY
 Sample : J5911-04
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-08(20-22)

Quant Time: Nov 19 09:08:36 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

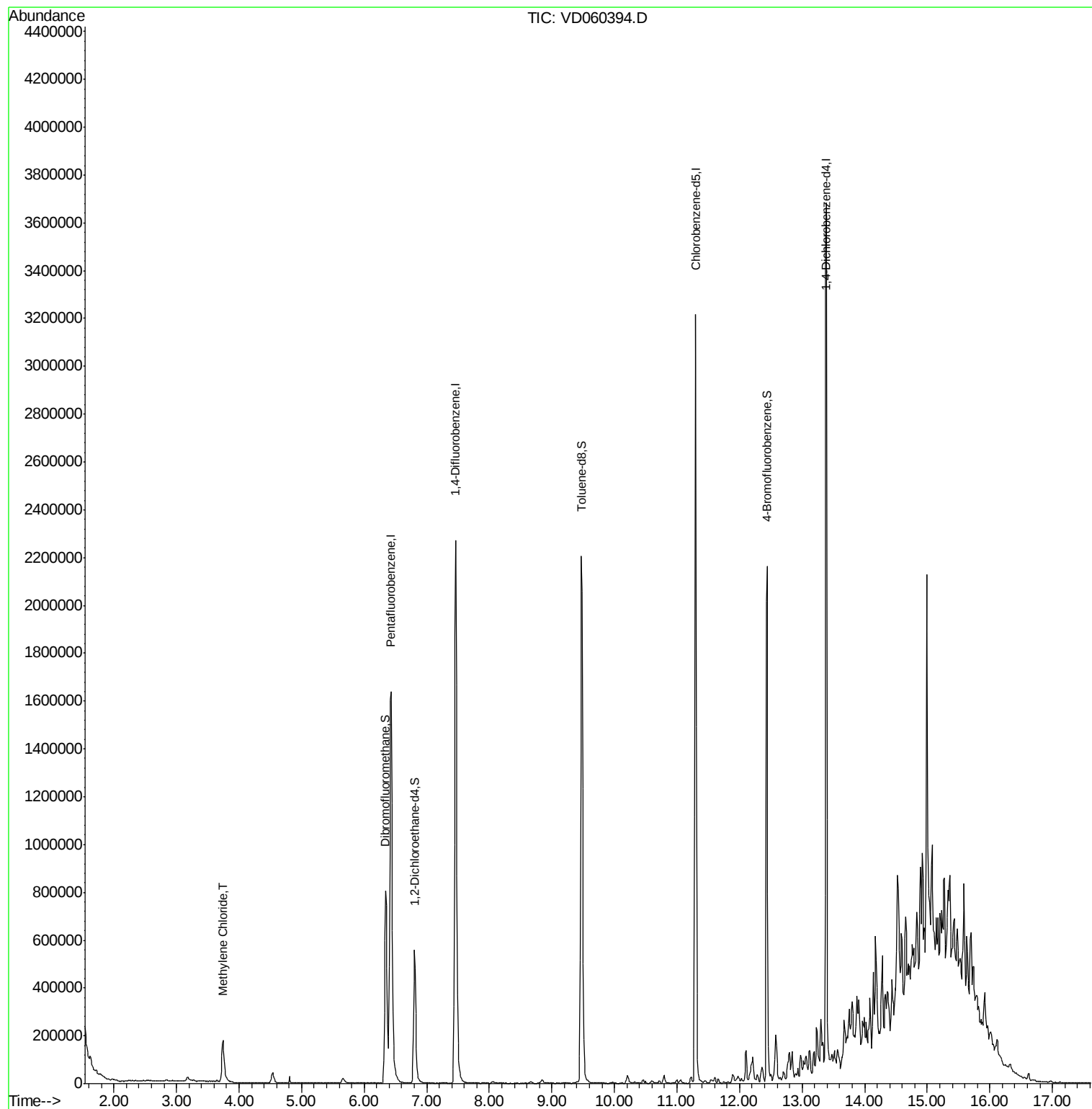
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.43	168	1672104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	2330021	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.30	117	1894414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.39	152	945671	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	452254	37.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.54%	
35) Dibromofluoromethane	6.34	113	647583	37.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.54%	
50) Toluene-d8	9.47	98	1837968	36.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.28%	
62) 4-Bromofluorobenzene	12.43	95	685650	37.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.42%	
Target Compounds						
20) Methylene Chloride	3.74	84	120122	6.520	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.43 min Scan# 498

Delta R.T. 0.00 min

Lab File: VD060394.D

Acq: 16 Nov 2018 13:21

Instrument :

MSVOA_D

ClientSampleId :

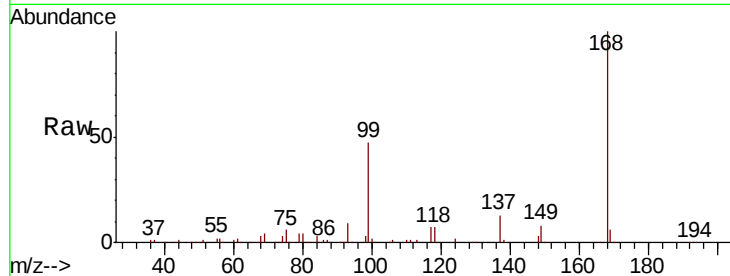
FDSB-08(20-22)

Tot Ion:168 Resp: 1672104

Ion Ratio Lower Upper

168 100

99 47.4 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.43

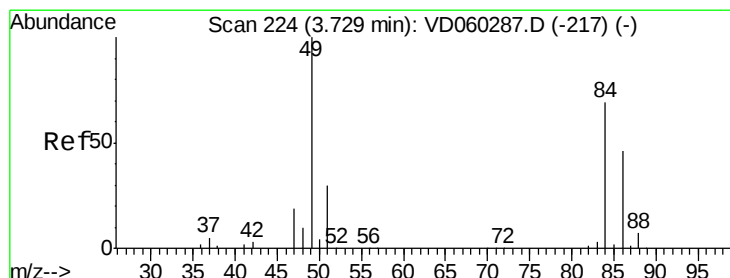
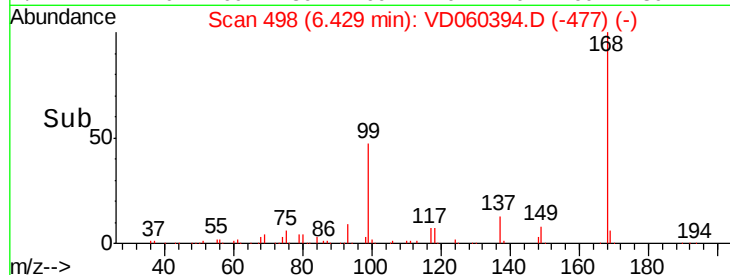
600000

400000

200000

0

Time-->



#20

Methylene Chloride

Concen: 6.520 ug/l

RT: 3.74 min Scan# 225

Delta R.T. 0.01 min

Lab File: VD060394.D

Acq: 16 Nov 2018 13:21

Tgt Ion: 84 Resp: 120122

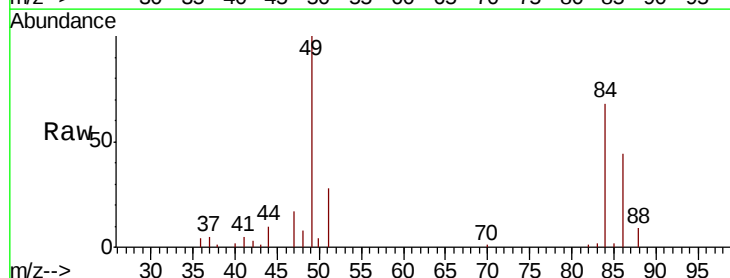
Ion Ratio Lower Upper

84 100

49 146.8 115.6 173.4

51 41.6 35.6 53.4

86 64.8 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

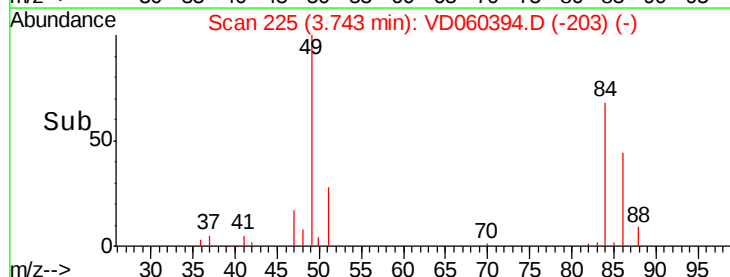
60000

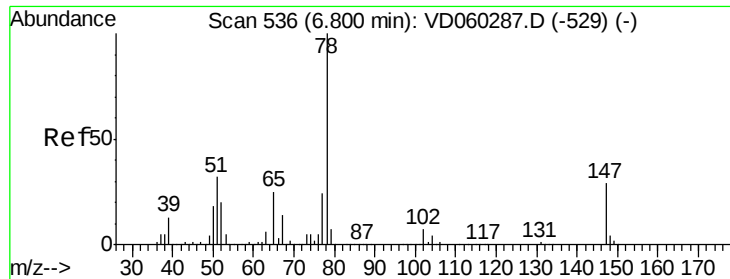
40000

20000

0

Time-->

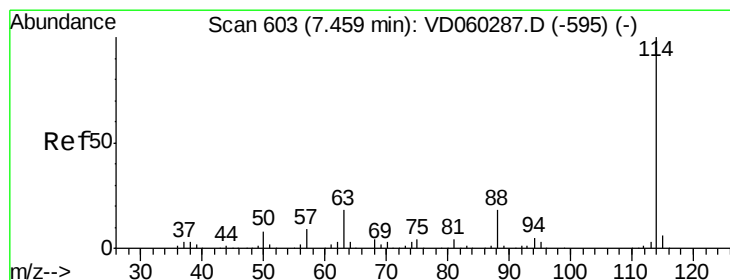
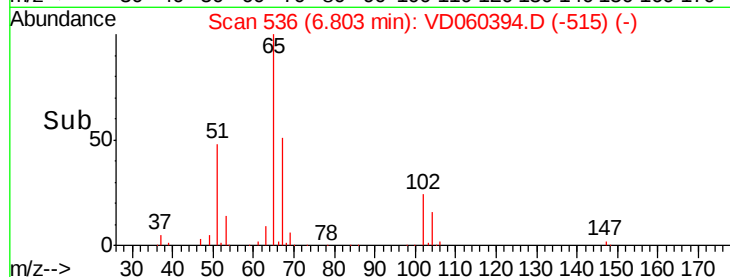
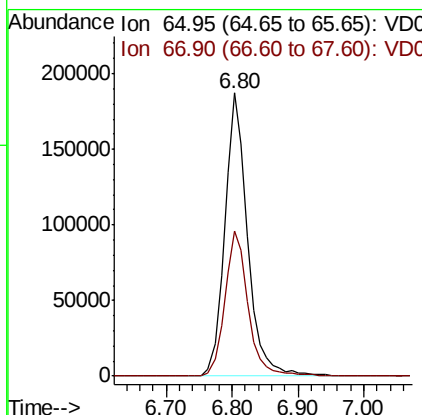
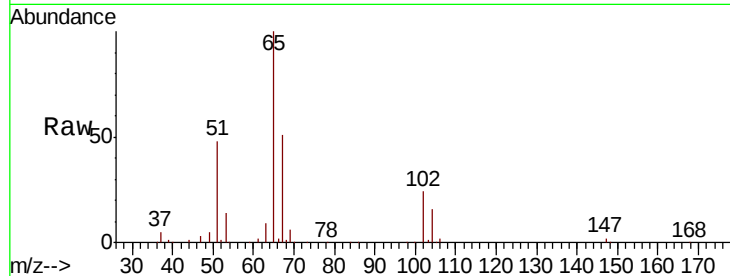




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.80 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VD060394.D
 Acq: 16 Nov 2018 13:21

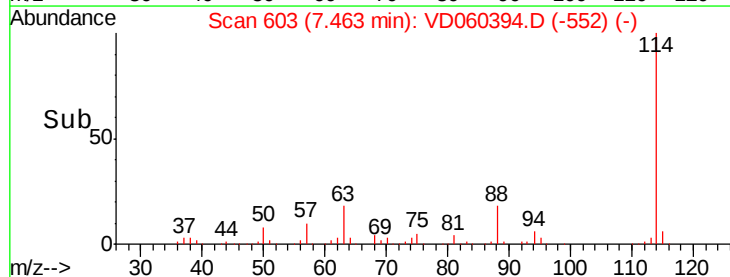
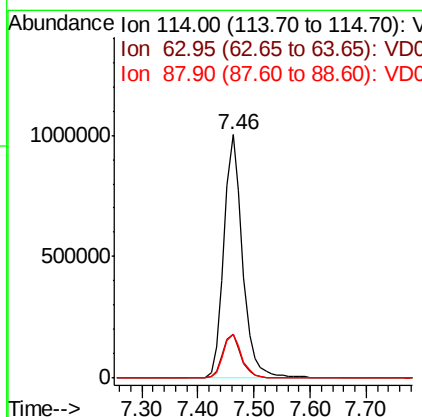
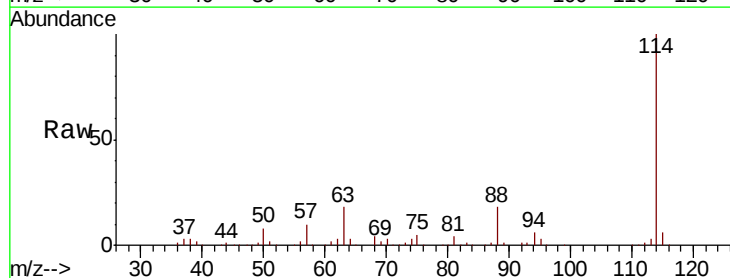
Instrument :
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 ClientSampleId :
 FDSB-08(20-22)

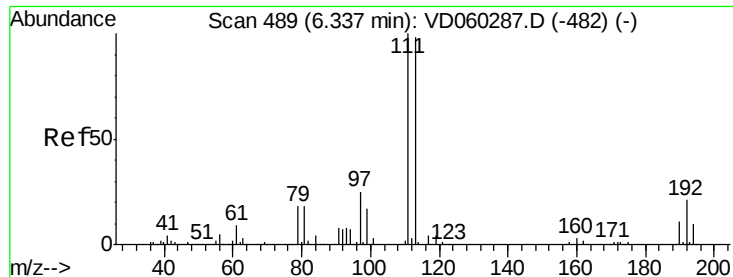
Tot Ion: 65 Resp: 452254
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.46 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VD060394.D
 Acq: 16 Nov 2018 13:21

Tgt Ion: 114 Resp: 2330021
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 34.0
 88 18.2 0.0 35.4

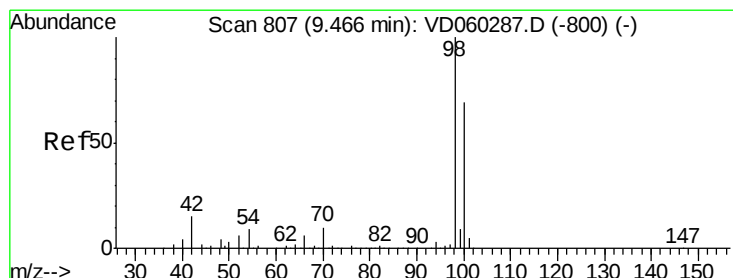
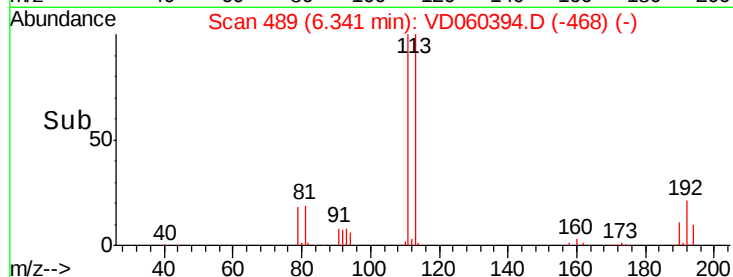
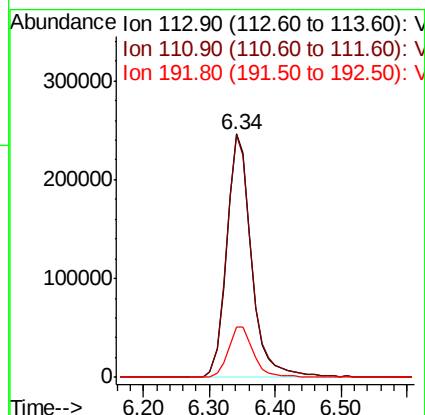
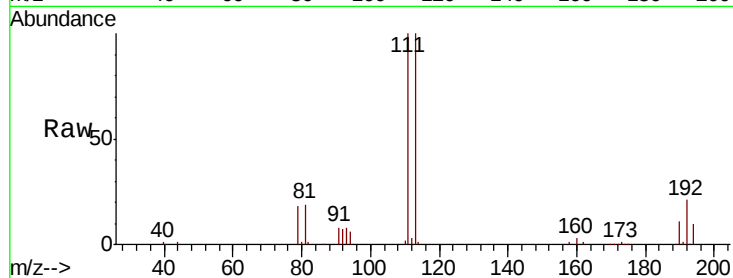




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.34 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: VD060394.D
 Acq: 16 Nov 2018 13:21

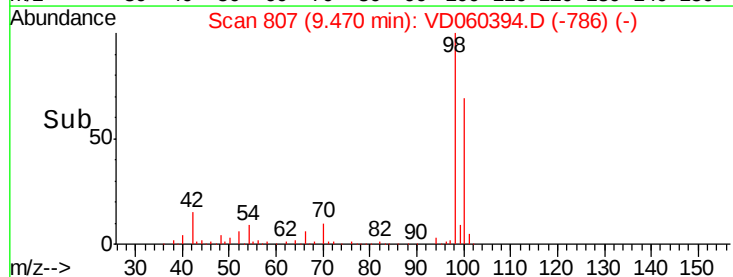
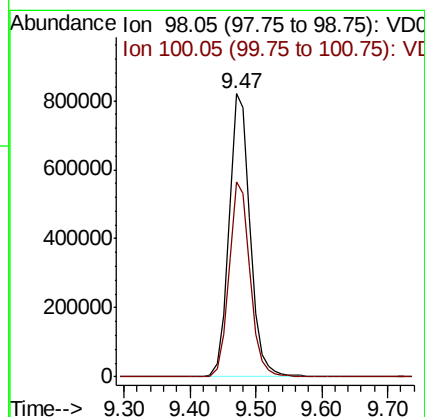
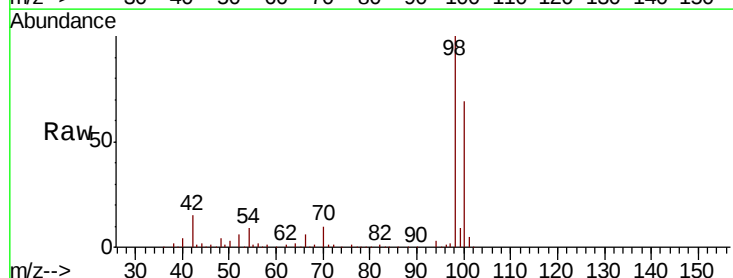
Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-08(20-22)

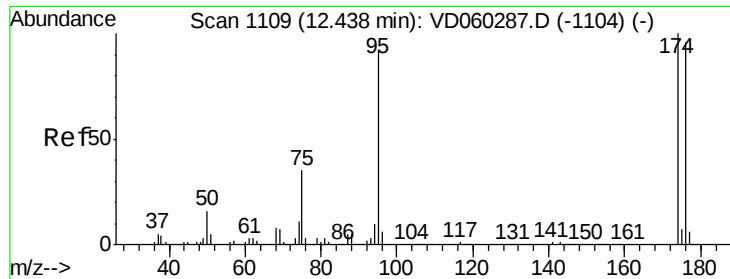
Tot Ion:113 Resp: 647583
 Ion Ratio Lower Upper
 113 100
 111 99.5 81.6 122.4
 192 20.6 16.5 24.7



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.47 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VD060394.D
 Acq: 16 Nov 2018 13:21

Tgt Ion: 98 Resp: 1837968
 Ion Ratio Lower Upper
 98 100
 100 68.9 55.2 82.8





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060394.D

Acq: 16 Nov 2018 13:21

Instrument :

MSVOA_D

ClientSampleId :

FDSB-08(20-22)

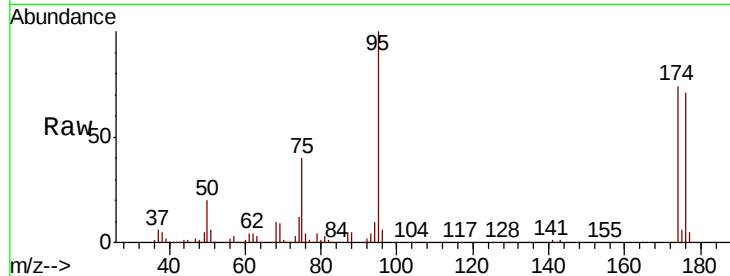
Tot Ion: 95 Resp: 685650

Ion Ratio Lower Upper

95 100

174 74.3 0.0 160.8

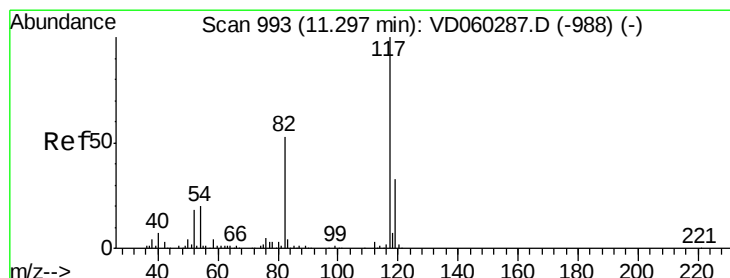
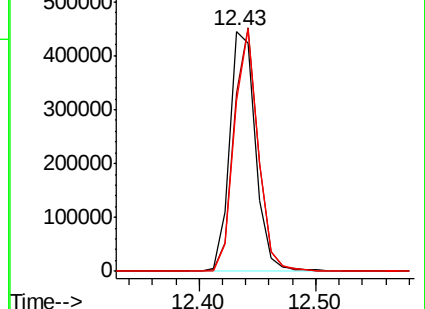
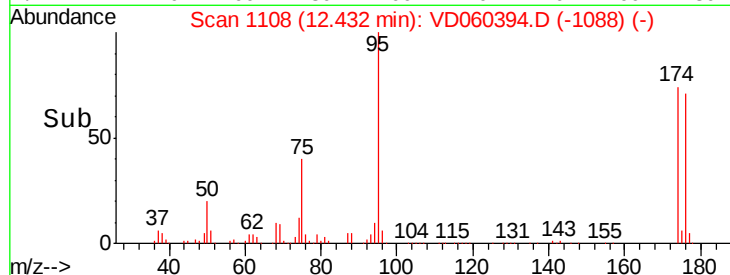
176 71.0 0.0 154.6



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: 50.000 ug/l

RT: 11.30 min Scan# 993

Delta R.T. 0.00 min

Lab File: VD060394.D

Acq: 16 Nov 2018 13:21

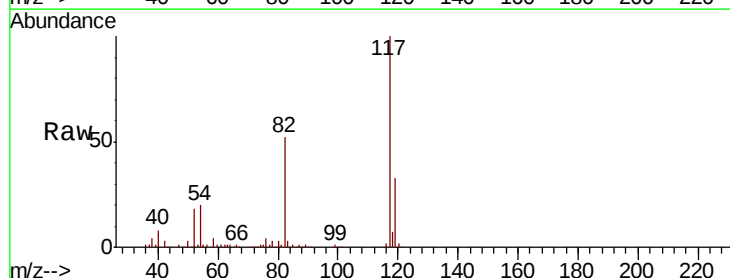
Tgt Ion: 117 Resp: 1894414

Ion Ratio Lower Upper

117 100

82 51.8 43.7 65.5

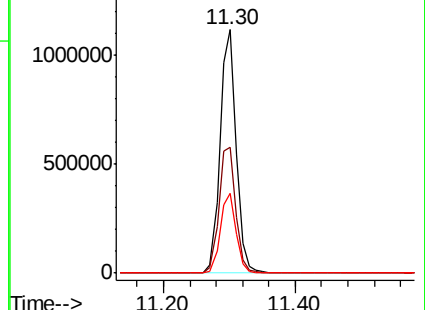
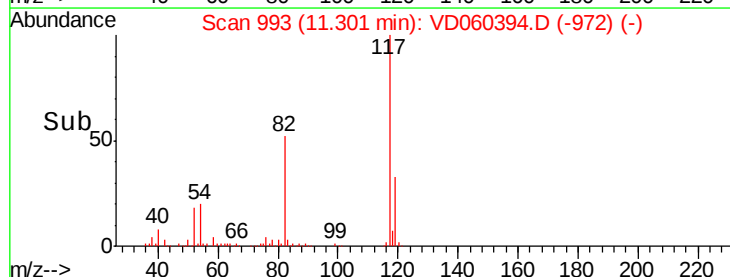
119 32.9 26.1 39.1

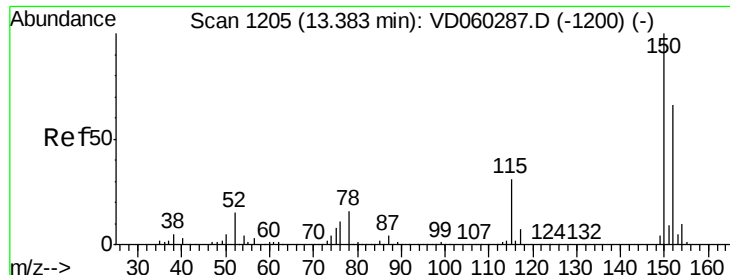


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.39 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VD060394.D

Acq: 16 Nov 2018 13:21

Instrument :

MSVOA_D

ClientSampleId :

FDSB-08(20-22)

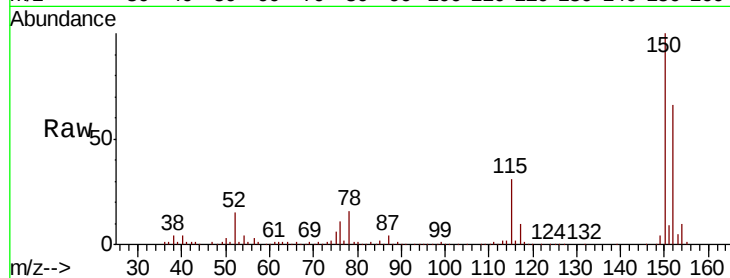
Tot Ion:152 Resp: 945671

Ion Ratio Lower Upper

152 100

115 47.0 24.1 72.3

150 151.4 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

