

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112018\
 Data File : VD060429.D
 Acq On : 20 Nov 2018 15:18
 Operator : JC/SY
 Sample : J5967-03
 Misc : 5.09g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-14(5.5-7.5)

Quant Time: Nov 21 01:24:00 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

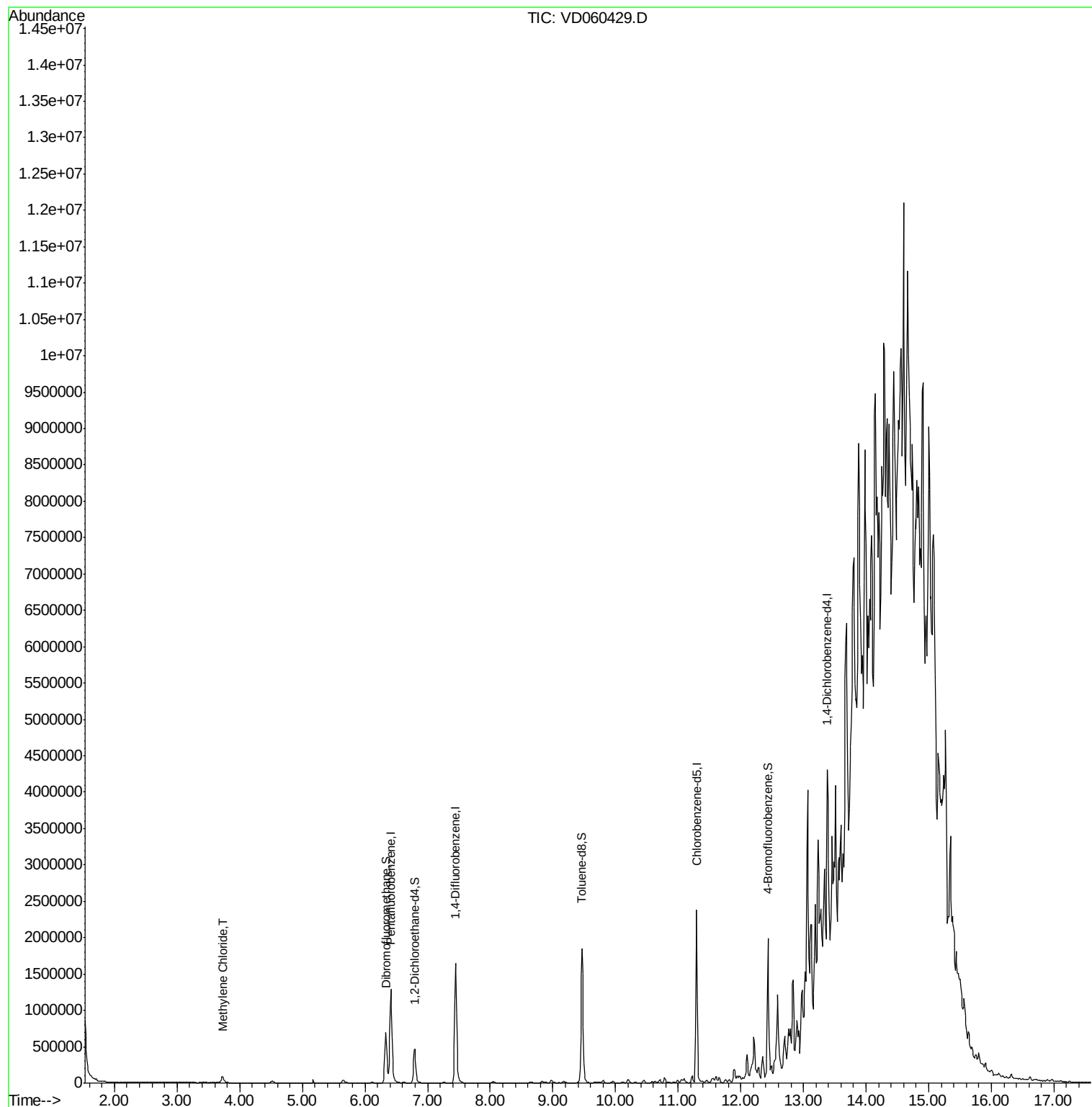
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1272612	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.45	114	1802196	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.29	117	1342775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	627136	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	383227	42.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.12%	
35) Dibromofluoromethane	6.33	113	557703	41.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.00%	
50) Toluene-d8	9.46	98	1485164	37.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.52%	
62) 4-Bromofluorobenzene	12.43	95	509636	35.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.52%	
Target Compounds						
20) Methylene Chloride	3.73	84	58788	4.193	ug/l	Qvalue 90

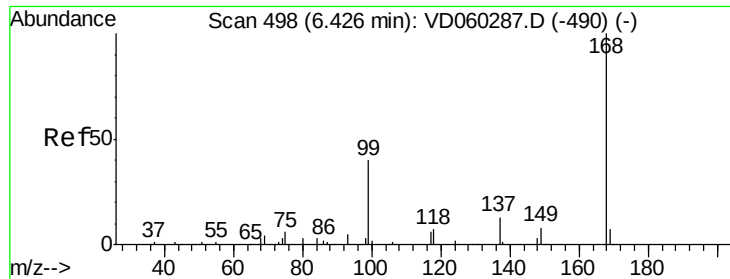
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060429.D

Acq: 20 Nov 2018 15:18

Instrument :

MSVOA_D

ClientSampleId :

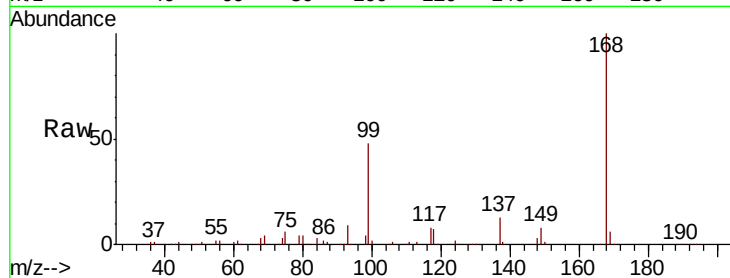
FDSB-14(5.5-7.5)

Tot Ion:168 Resp: 1272612

Ion Ratio Lower Upper

168 100

99 48.2 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.41

500000

400000

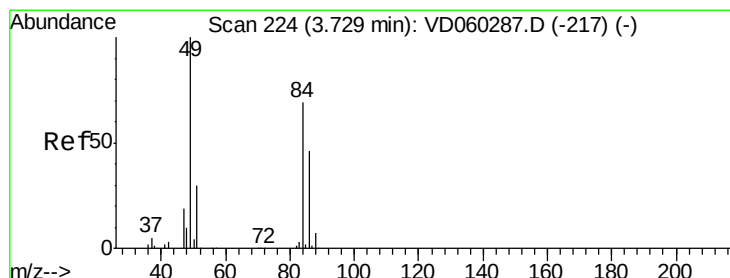
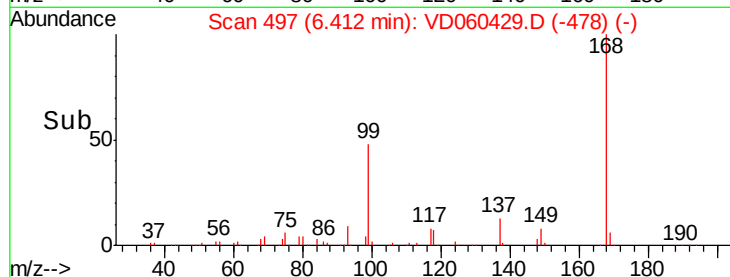
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 4.193 ug/l

RT: 3.73 min Scan# 224

Delta R.T. -0.00 min

Lab File: VD060429.D

Acq: 20 Nov 2018 15:18

Tgt Ion: 84 Resp: 58788

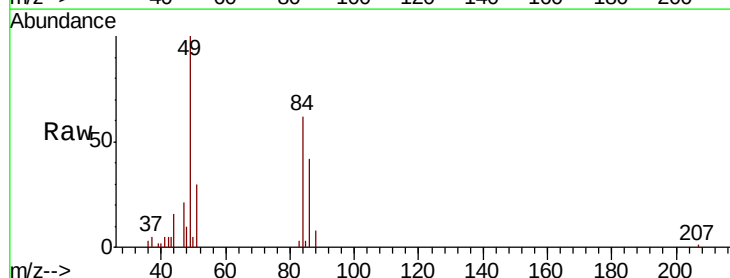
Ion Ratio Lower Upper

84 100

49 161.6 115.6 173.4

51 48.5 35.6 53.4

86 68.0 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

40000

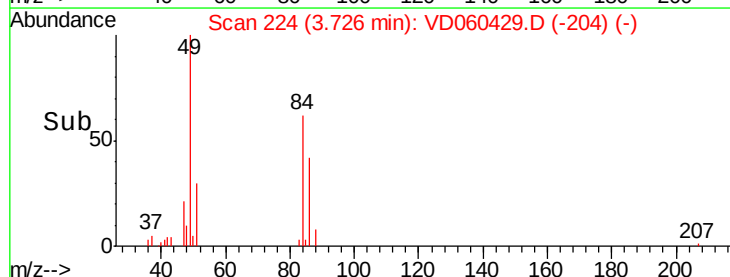
30000

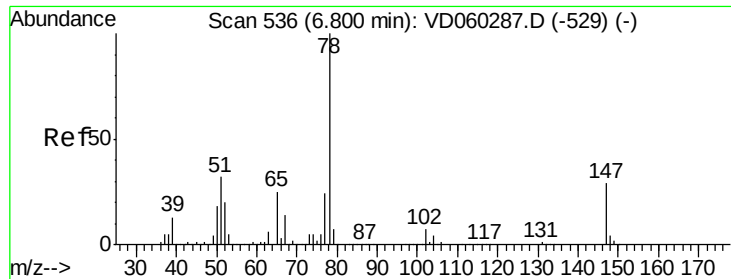
20000

10000

0

Time-->

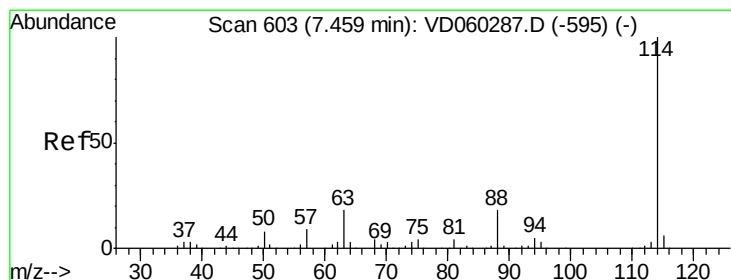
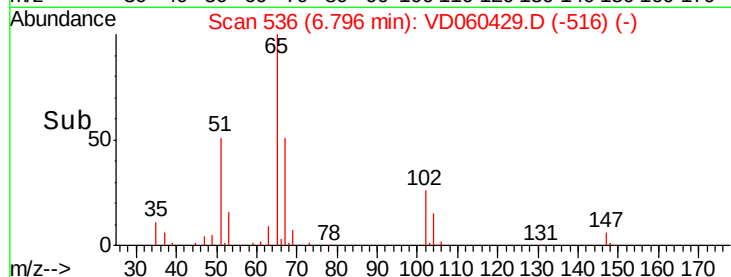
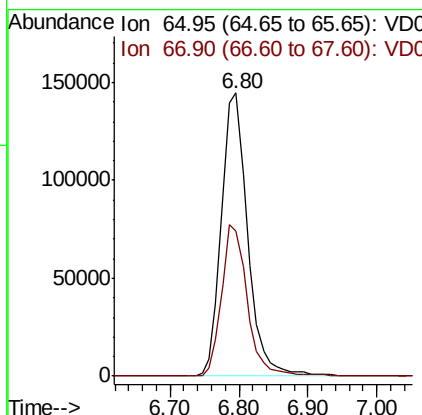
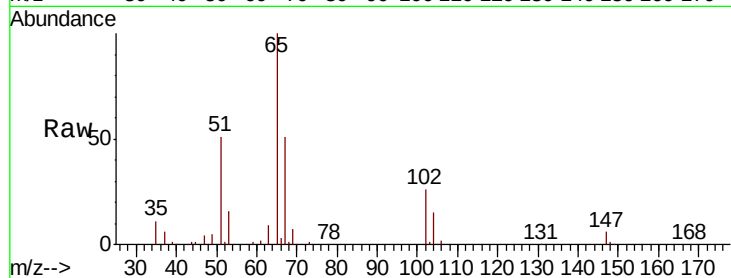




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.80 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: VD060429.D
 Acq: 20 Nov 2018 15:18

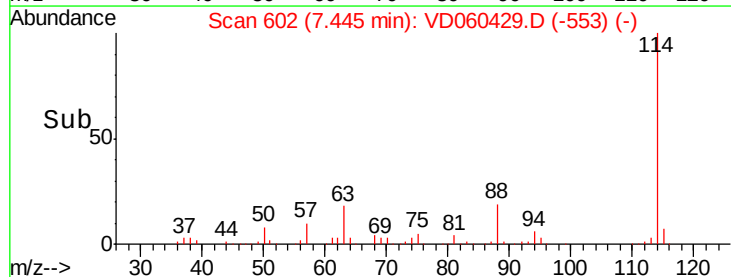
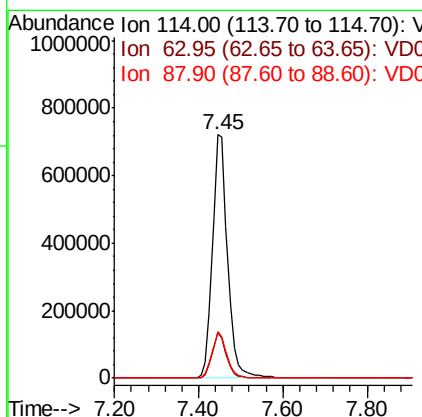
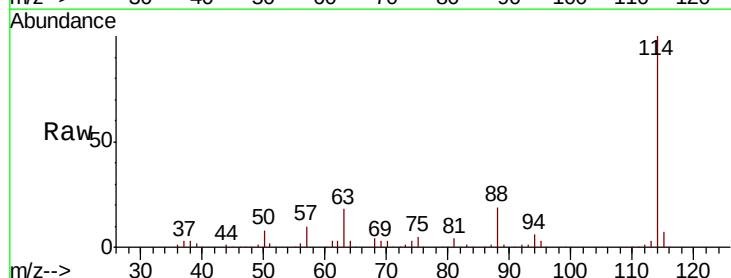
Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-14(5.5-7.5)

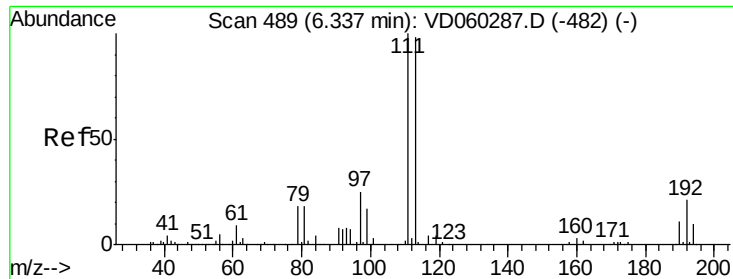
Tot Ion: 65 Resp: 383227
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060429.D
 Acq: 20 Nov 2018 15:18

Tgt Ion: 114 Resp: 1802196
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 34.0
 88 18.8 0.0 35.4

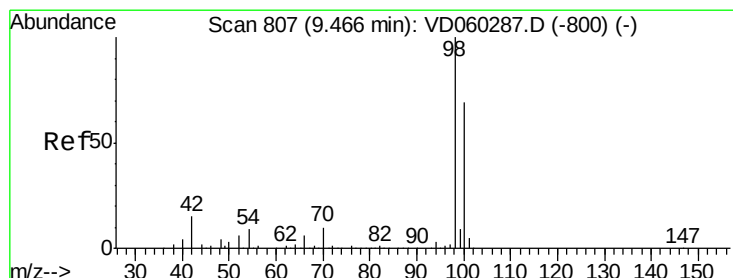
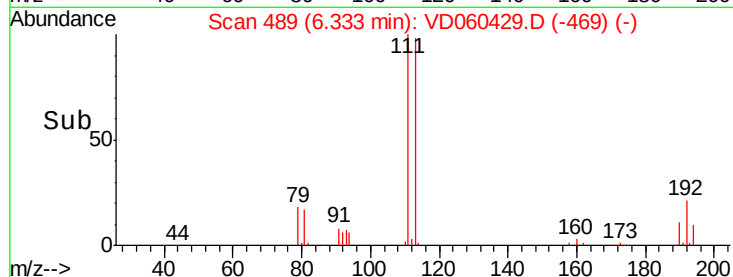
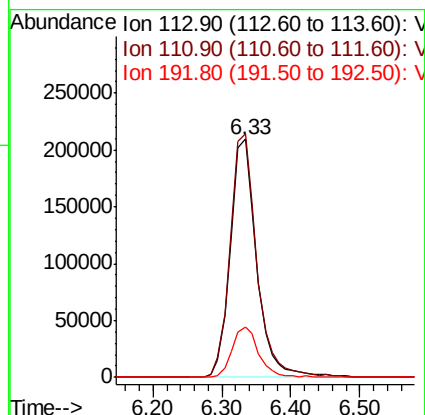
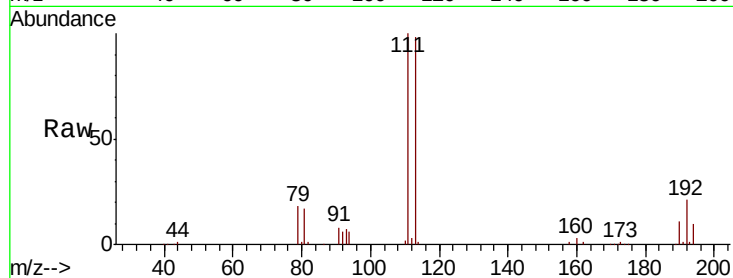




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: VD060429.D
 Acq: 20 Nov 2018 15:18

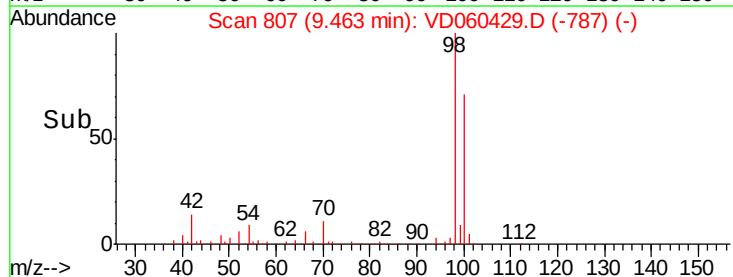
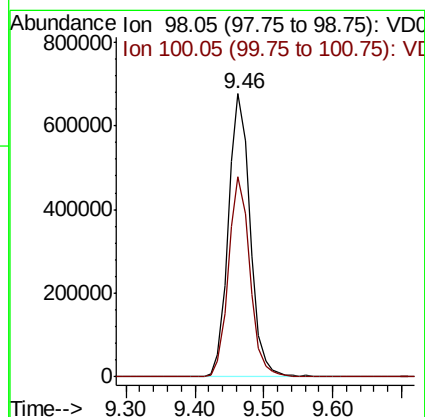
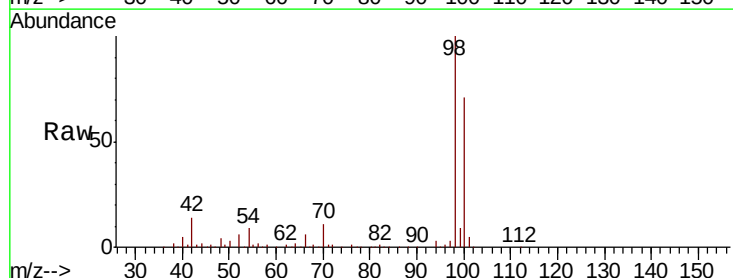
Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-14(5.5-7.5)

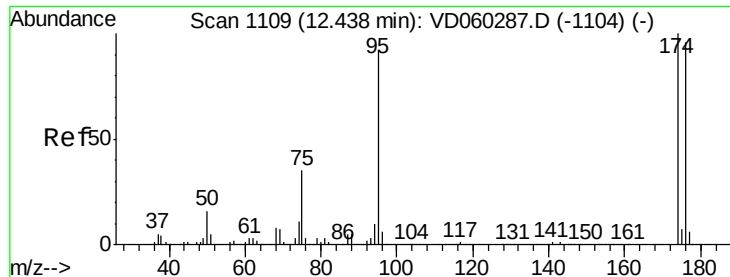
Tot Ion:113 Resp: 557703
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.6 122.4
 192 21.1 16.5 24.7



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.46 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VD060429.D
 Acq: 20 Nov 2018 15:18

Tgt Ion: 98 Resp: 1485164
 Ion Ratio Lower Upper
 98 100
 100 70.6 55.2 82.8





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1109

Delta R.T. -0.00 min

Lab File: VD060429.D

Acq: 20 Nov 2018 15:18

Instrument :

MSVOA_D

ClientSampleId :

FDSB-14(5.5-7.5)

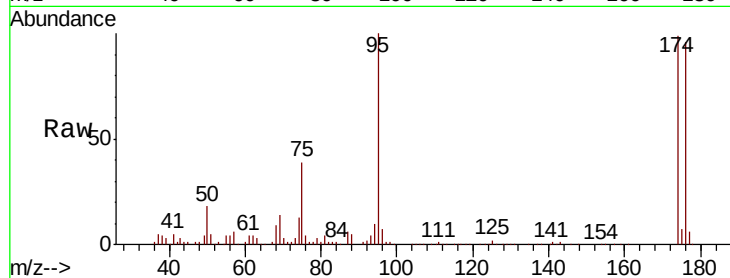
Tot Ion: 95 Resp: 509636

Ion Ratio Lower Upper

95 100

174 99.4 0.0 160.8

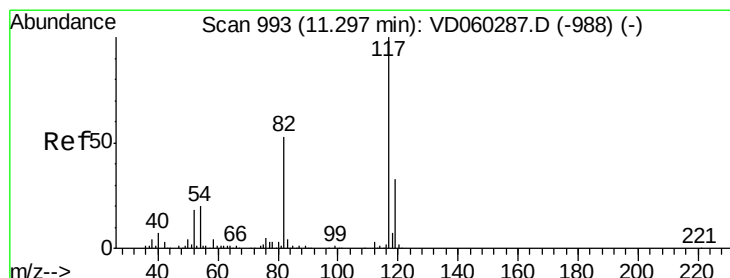
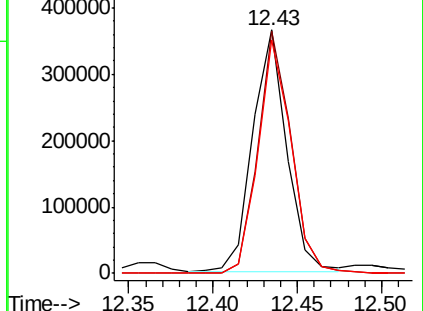
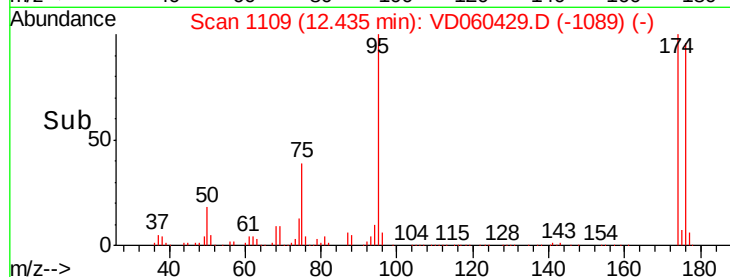
176 95.8 0.0 154.6



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: 11.29 min Scan# 993

Delta R.T. -0.00 min

Lab File: VD060429.D

Acq: 20 Nov 2018 15:18

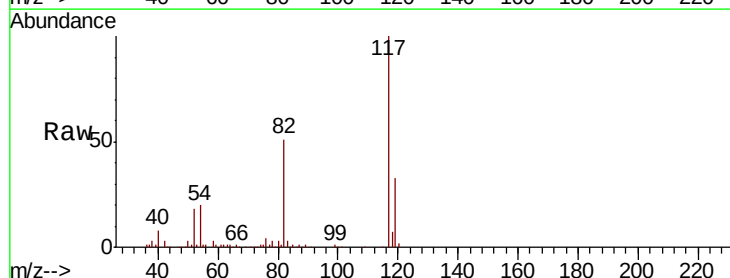
Tgt Ion: 117 Resp: 1342775

Ion Ratio Lower Upper

117 100

82 51.4 43.7 65.5

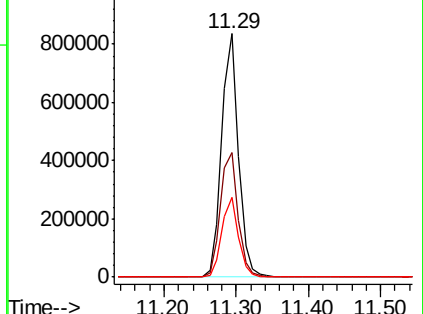
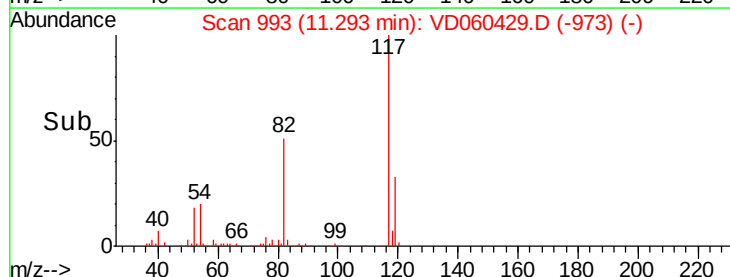
119 32.6 26.1 39.1

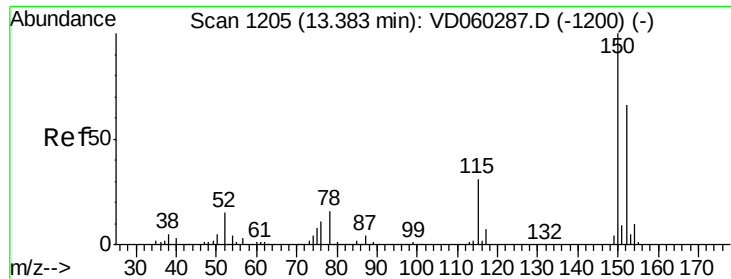


Abundance Ion 116.95 (116.65 to 117.65): V

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: 13.38 min Scan# 1205

Delta R.T. -0.00 min

Lab File: VD060429.D

Acq: 20 Nov 2018 15:18

Instrument :

MSVOA_D

ClientSampleId :

FDSB-14(5.5-7.5)

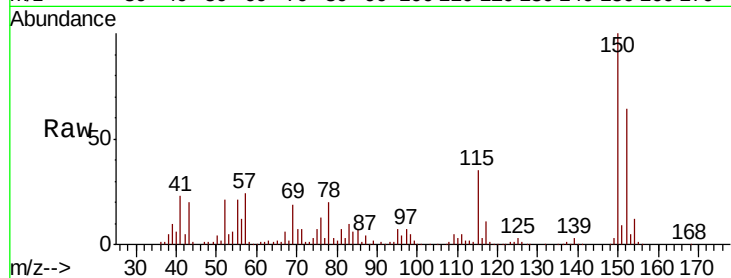
Tot Ion:152 Resp: 627136

Ion Ratio Lower Upper

152 100

115 54.5 24.1 72.3

150 155.8 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

