

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112118\
 Data File : VD060441.D
 Acq On : 21 Nov 2018 14:36
 Operator : JC/SY
 Sample : J5967-06
 Misc : 5.09g/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-13(16-18)

Quant Time: Nov 22 03:39:07 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

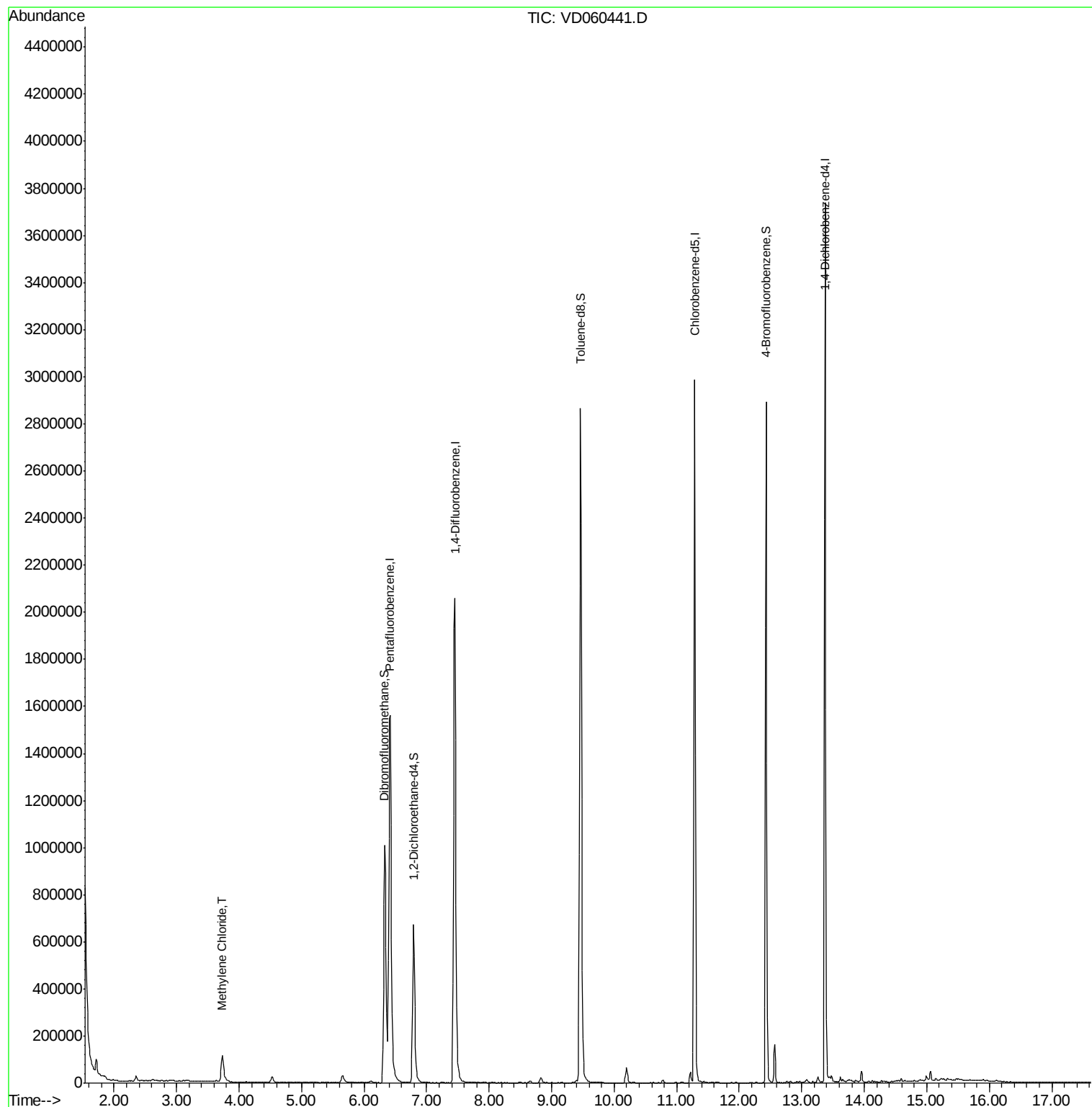
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1623776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	2263796	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1725342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	862894	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	554598	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
35) Dibromofluoromethane	6.33	113	807179	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
50) Toluene-d8	9.46	98	2332528	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.42%	
62) 4-Bromofluorobenzene	12.43	95	819775	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.58%	
Target Compounds						
20) Methylene Chloride	3.73	84	74961	4.19	ug/l	Qvalue 95

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.42 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060441.D

Acq: 21 Nov 2018 14:36

Instrument :

MSVOA_D

ClientSampleId :

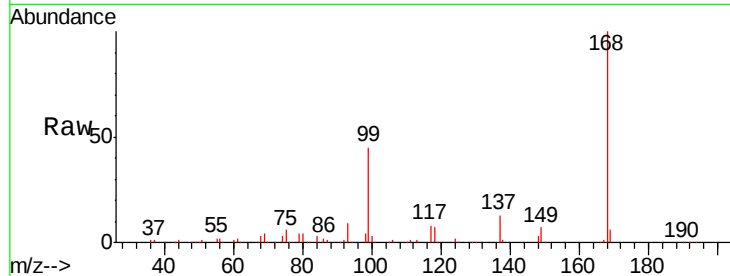
FDSB-13(16-18)

Tgt Ion:168 Resp: 1623776

Ion Ratio Lower Upper

168 100

99 45.4 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.42

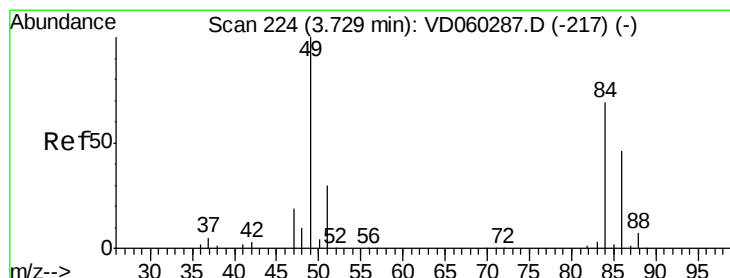
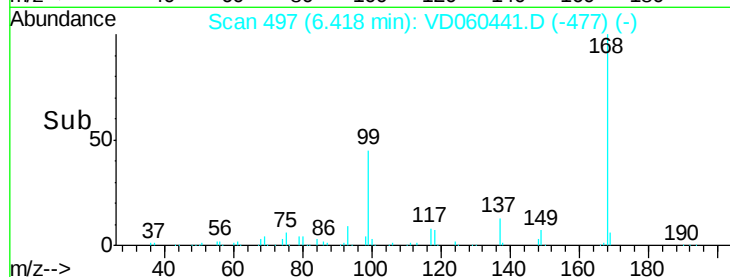
600000

400000

200000

0

Time-->



#20

Methylene Chloride

Concen: 4.19 ug/l

RT: 3.73 min Scan# 224

Delta R.T. 0.00 min

Lab File: VD060441.D

Acq: 21 Nov 2018 14:36

Tgt Ion: 84 Resp: 74961

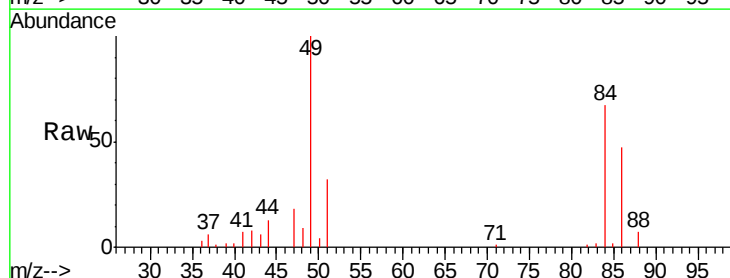
Ion Ratio Lower Upper

84 100

49 150.3 115.6 173.4

51 47.6 35.6 53.4

86 70.1 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

50000

40000

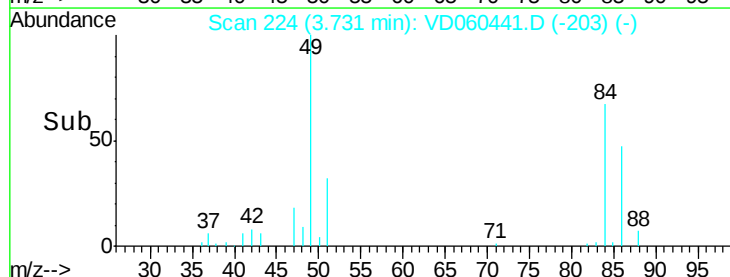
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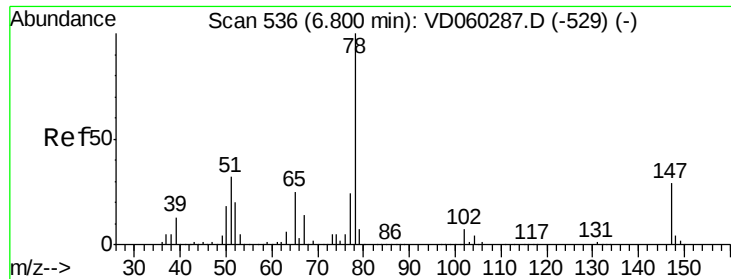
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10000

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Time-->

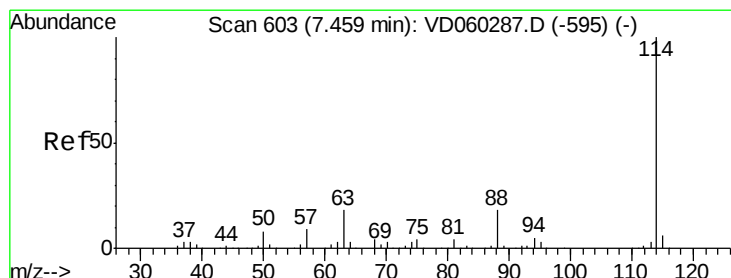
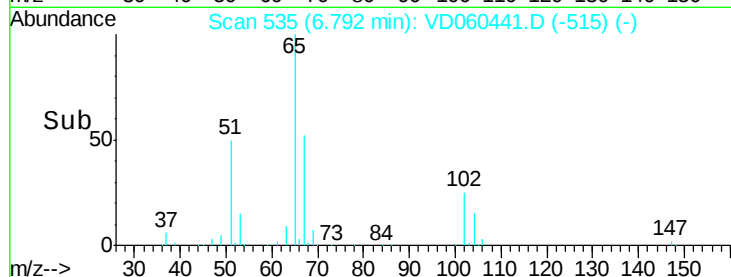
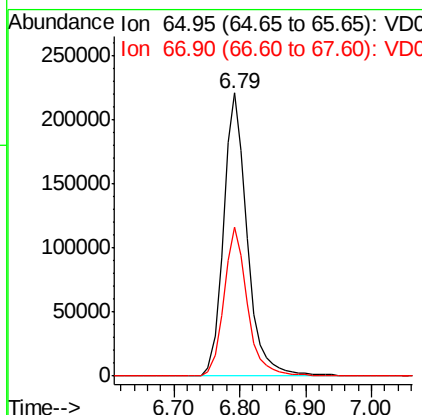
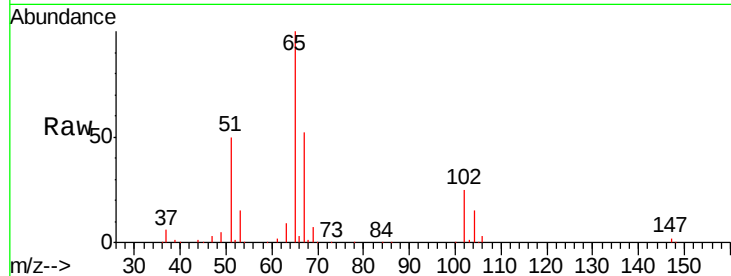




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.79 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VD060441.D
 Acq: 21 Nov 2018 14:36

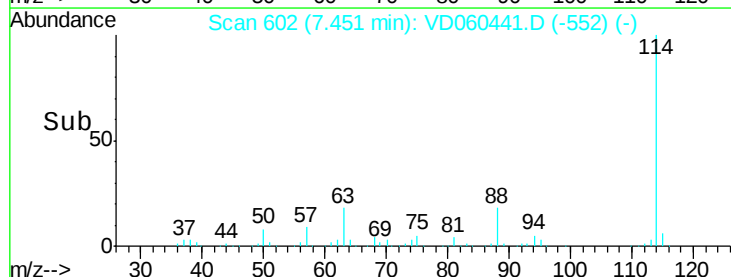
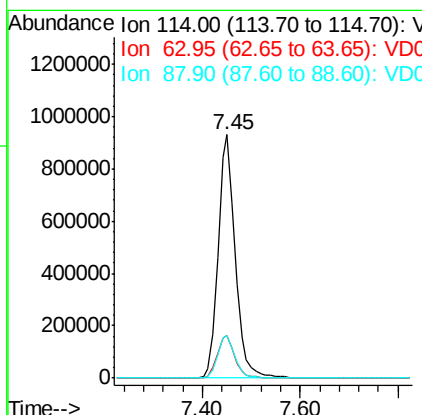
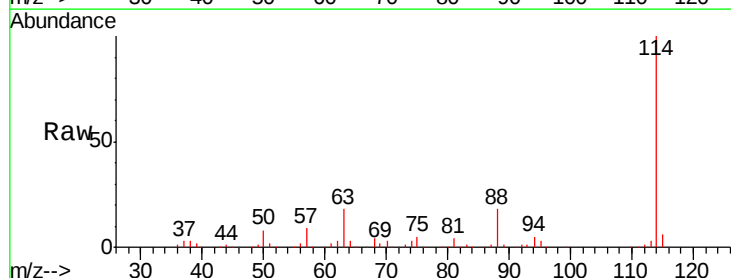
Instrument :
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 ClientSampleId :
 FDSB-13(16-18)

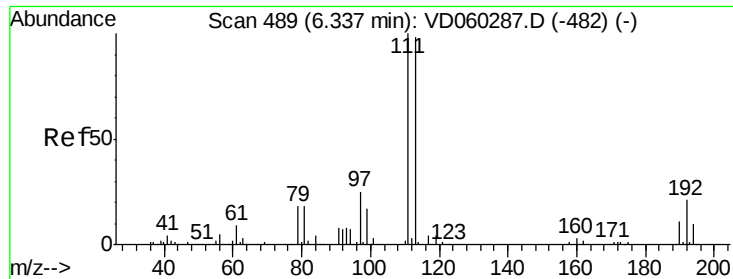
Tgt Ion: 65 Resp: 554598
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060441.D
 Acq: 21 Nov 2018 14:36

Tgt Ion: 114 Resp: 2263796
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 34.0
 88 17.7 0.0 35.4

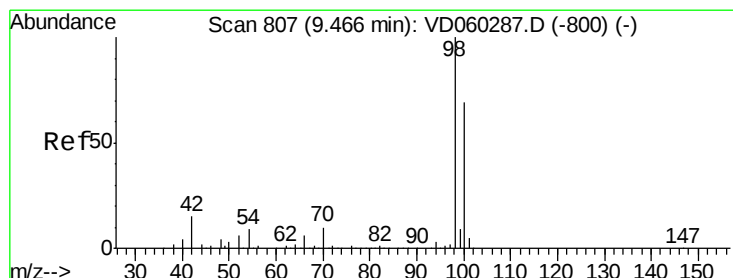
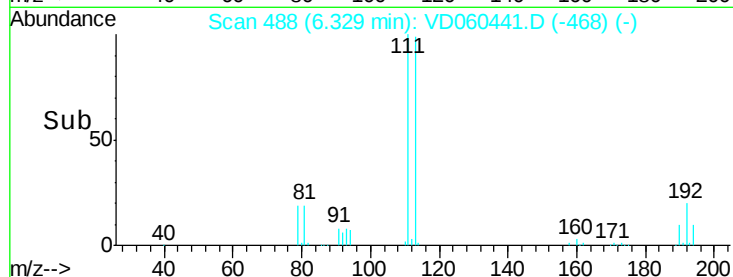
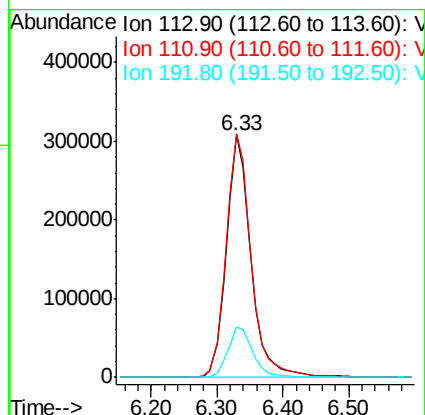
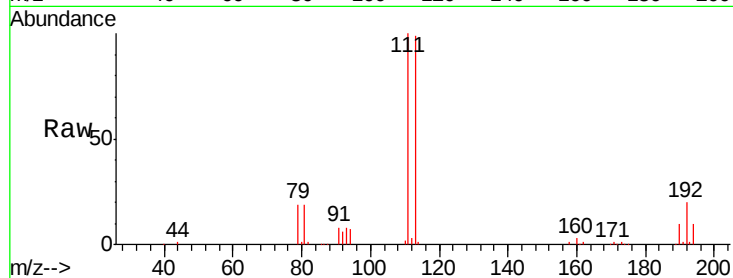




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: VD060441.D
 Acq: 21 Nov 2018 14:36

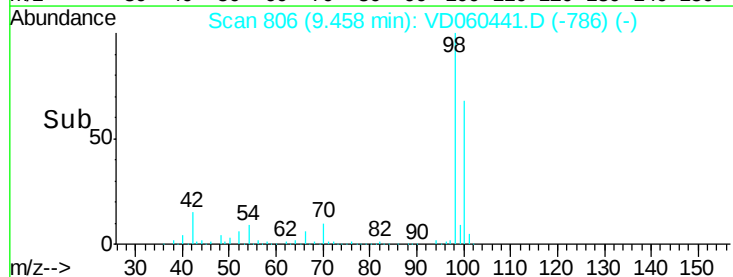
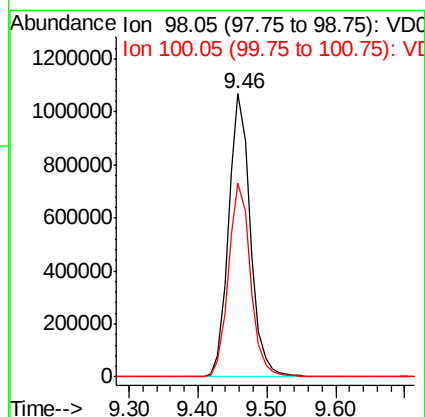
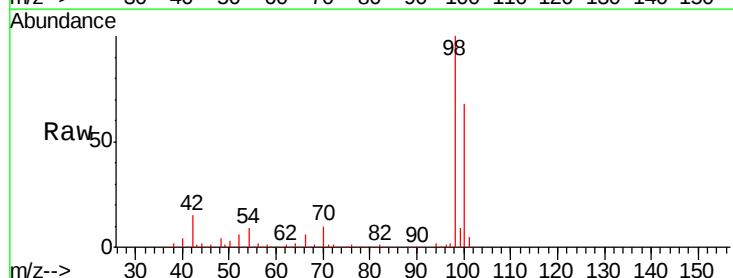
Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-13(16-18)

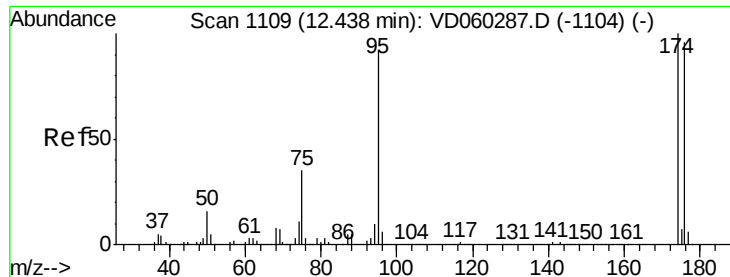
Tgt Ion:113 Resp: 807179
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.6 122.4
 192 20.6 16.5 24.7



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.46 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VD060441.D
 Acq: 21 Nov 2018 14:36

Tgt Ion: 98 Resp: 2332528
 Ion Ratio Lower Upper
 98 100
 100 68.5 55.2 82.8

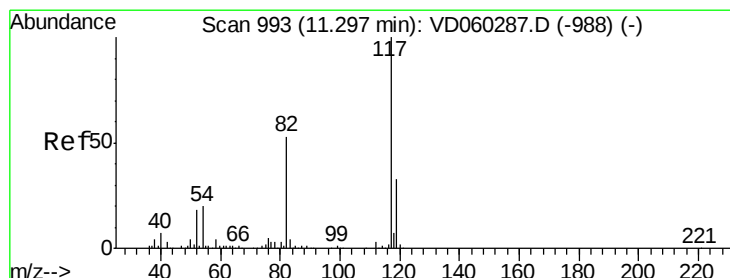
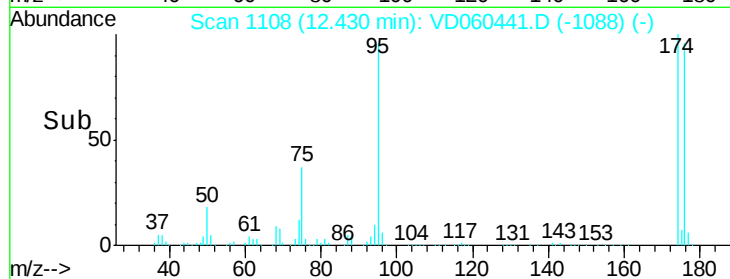
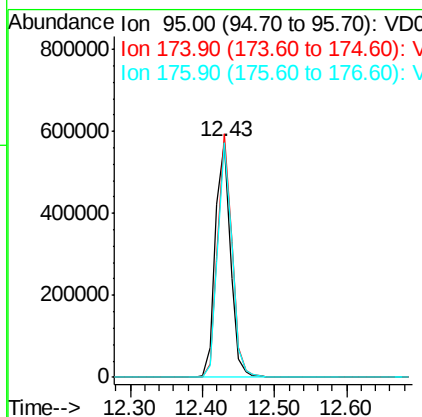
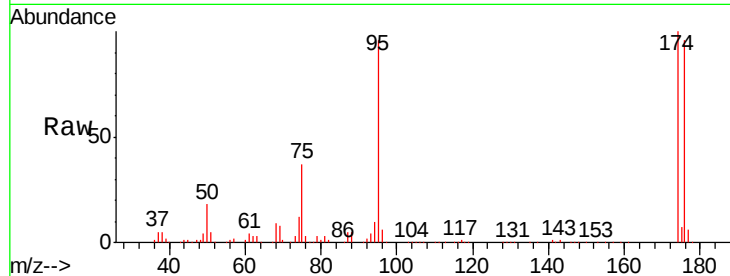




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD060441.D
Acq: 21 Nov 2018 14:36

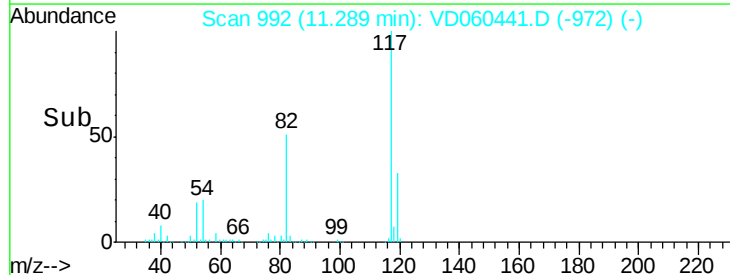
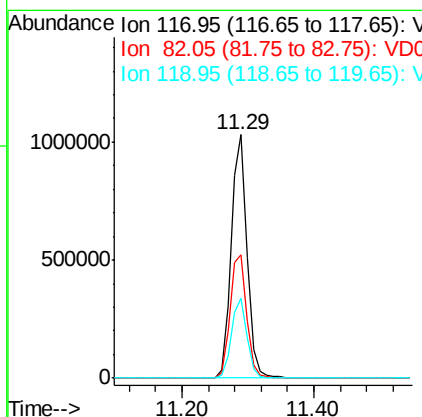
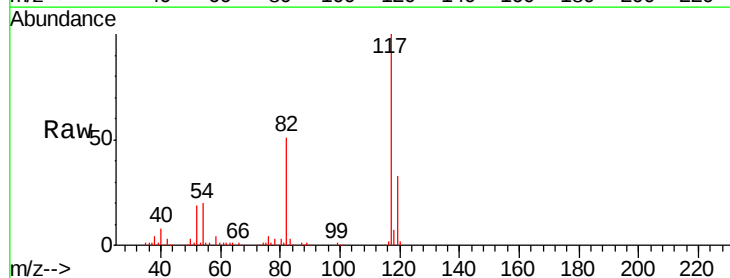
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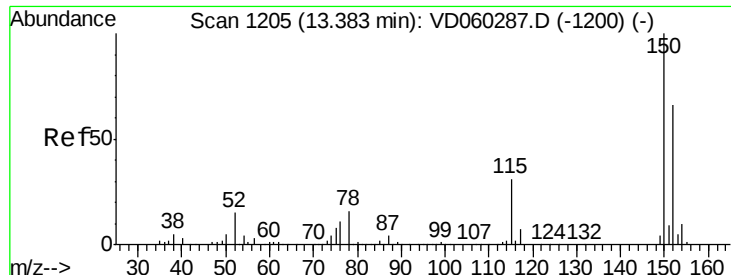
Tgt Ion: 95 Resp: 819775
Ion Ratio Lower Upper
95 100
174 103.7 0.0 160.8
176 99.8 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.29 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060441.D
Acq: 21 Nov 2018 14:36

Tgt Ion: 117 Resp: 1725342
Ion Ratio Lower Upper
117 100
82 50.9 43.7 65.5
119 32.7 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.38 min Scan# 1204

Delta R.T. -0.01 min

Lab File: VD060441.D

Acq: 21 Nov 2018 14:36

Instrument :

MSVOA_D

ClientSampleId :

FDSB-13(16-18)

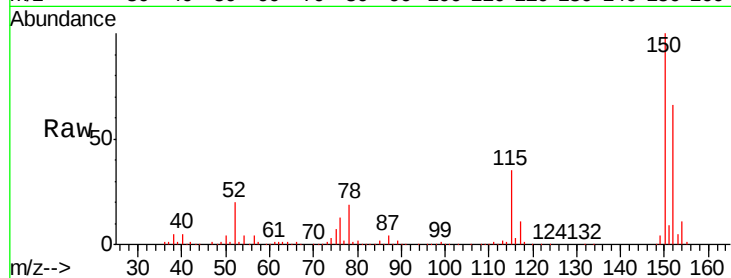
Tgt Ion:152 Resp: 862894

Ion Ratio Lower Upper

152 100

115 52.2 24.1 72.3

150 150.5 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

