

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112618\
 Data File : VD060453.D
 Acq On : 26 Nov 2018 14:00
 Operator : VA/AP
 Sample : J5918-02RE
 Misc : 5.02g/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-05(25-27)RE

Quant Time: Nov 26 15:57:07 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

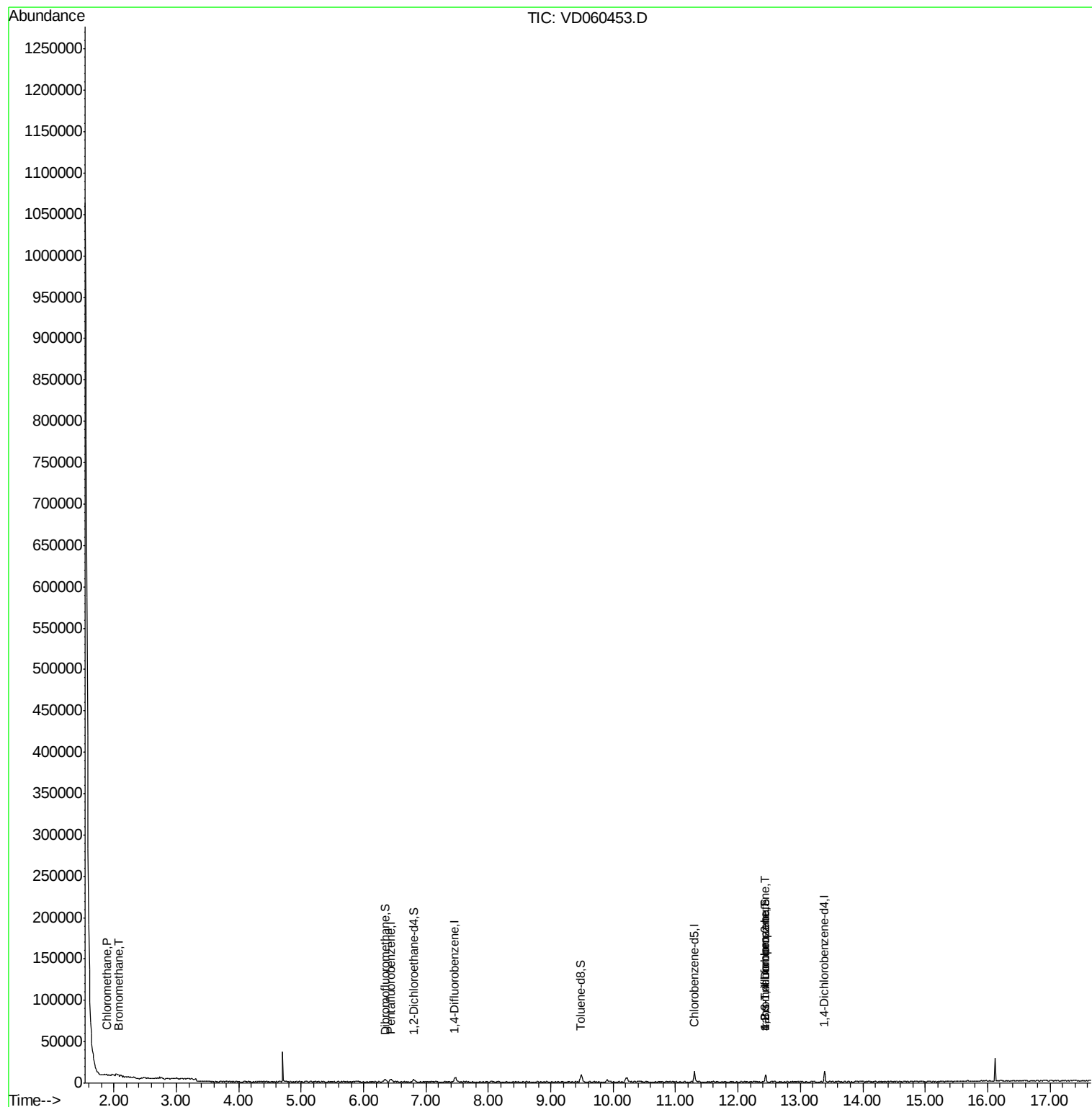
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.44	168	6167	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	7.46	114	9672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.30	117	9090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.39	152	3674	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	3315	75.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	150.14%	
35) Dibromofluoromethane	6.34	113	2889	40.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.12%	
50) Toluene-d8	9.48	98	8914	42.23	ug/l	0.01
Spiked Amount 50.000			Recovery	=	84.46%	
62) 4-Bromofluorobenzene	12.44	95	3186	41.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.30%	
Target Compounds						
3) Chloromethane	1.87	50	222	3.80	ug/l #	42
5) Bromomethane	2.09	94	216	19.08	ug/l #	2
76) 1,2,3-Trichloropropane	12.44	75	1390	31.63	ug/l #	42
81) trans-1,4-Dichloro-2-buten	12.44	75	1390	111.09	ug/l #	15

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.44 min Scan# 499

Delta R.T. 0.01 min

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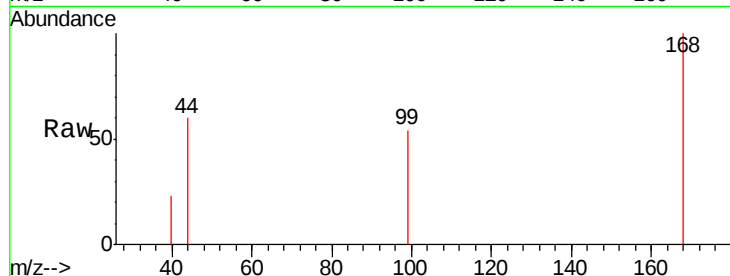
FDSB-05(25-27)RE

Tgt Ion: 168 Resp: 6167

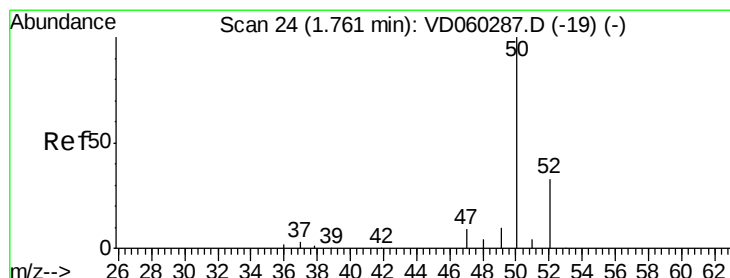
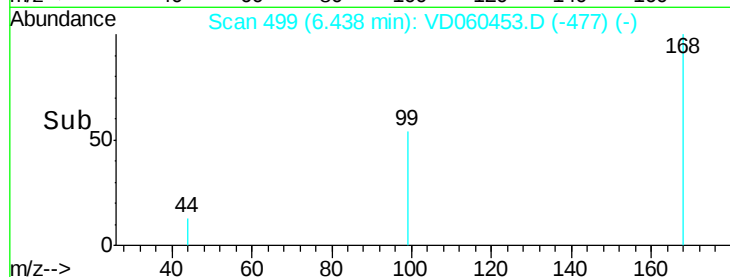
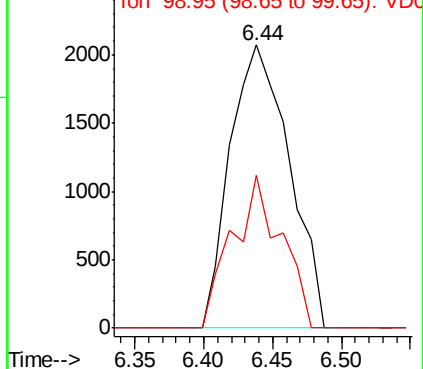
Ion Ratio Lower Upper

168 100

99 53.8 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V



#3

Chloromethane

Concen: 3.80 ug/l

RT: 1.87 min Scan# 35

Delta R.T. 0.11 min

Lab File: VD060453.D

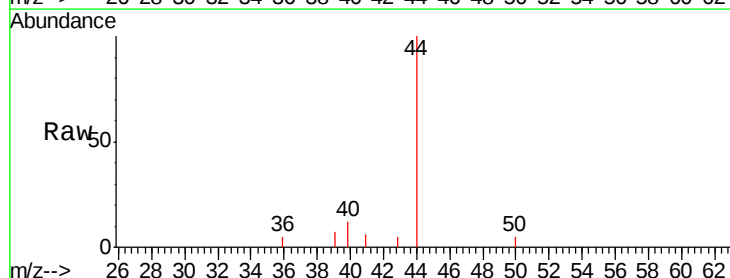
Acq: 26 Nov 2018 14:00

Tgt Ion: 50 Resp: 222

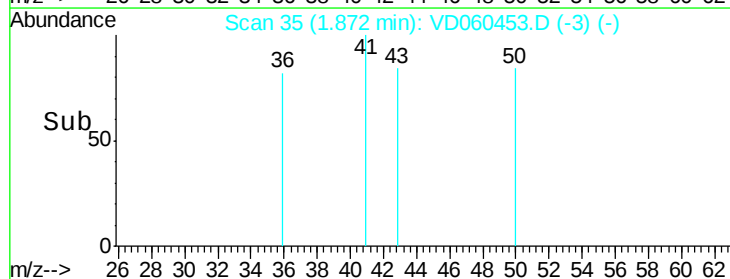
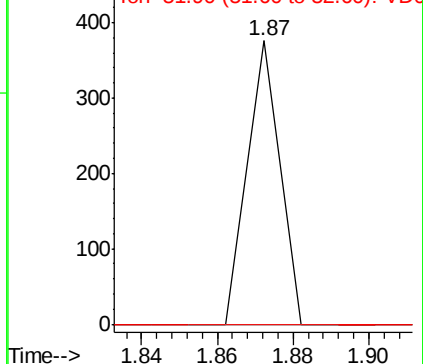
Ion Ratio Lower Upper

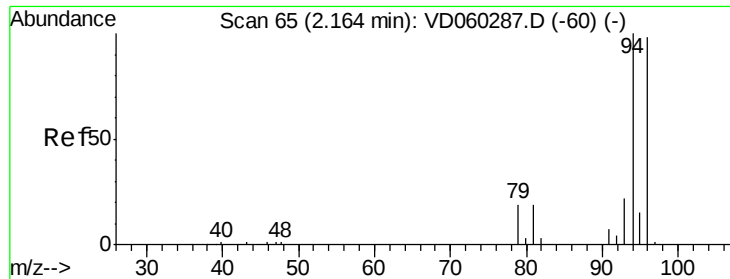
50 100

52 0.0 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VDC





#5

Bromomethane

Concen: 19.08 ug/l

RT: 2.09 min Scan# 57

Delta R.T. -0.08 min

Lab File: VD060453.D

Acq: 26 Nov 2018 14:00

Instrument :

MSVOA_D

ClientSampleId :

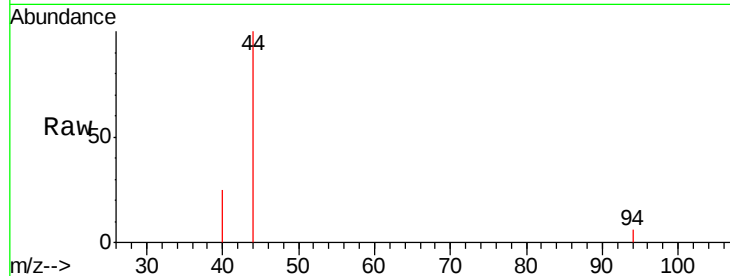
FDSB-05(25-27)RE

Tgt Ion: 94 Resp: 216

Ion Ratio Lower Upper

94 100

96 0.0 76.6 114.8#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.09

400

300

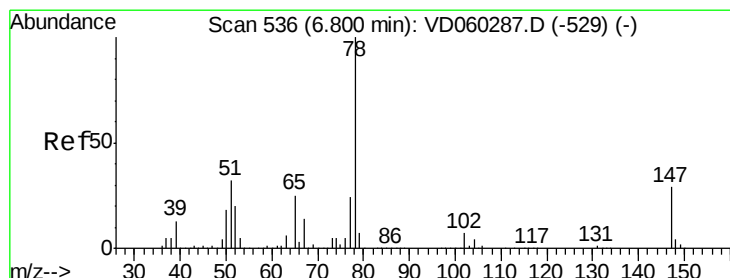
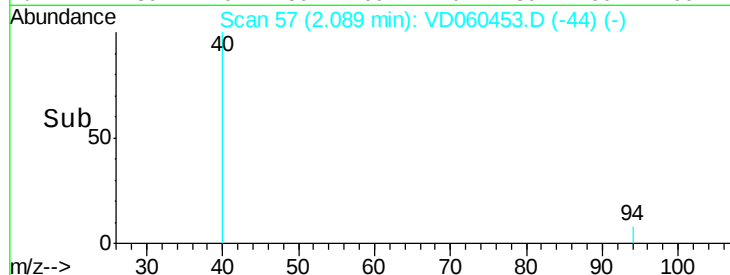
200

100

0

2.06 2.08 2.10 2.12

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: VD060453.D

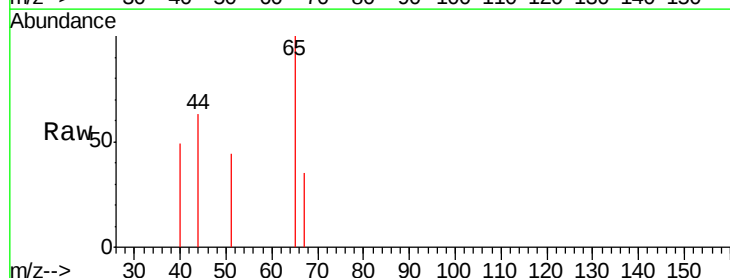
Acq: 26 Nov 2018 14:00

Tgt Ion: 65 Resp: 3315

Ion Ratio Lower Upper

65 100

67 35.0 0.0 109.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.80

1500

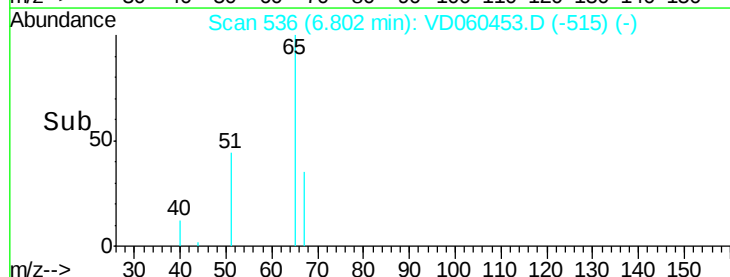
1000

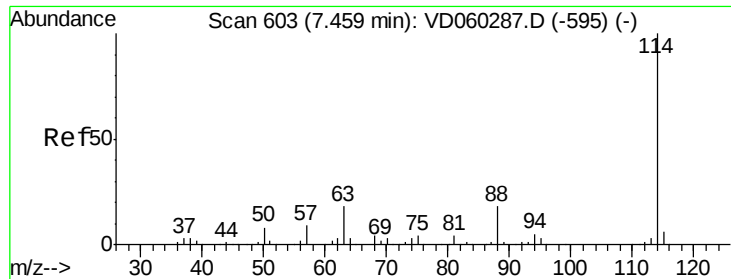
500

0

6.75 6.80 6.85

Time-->

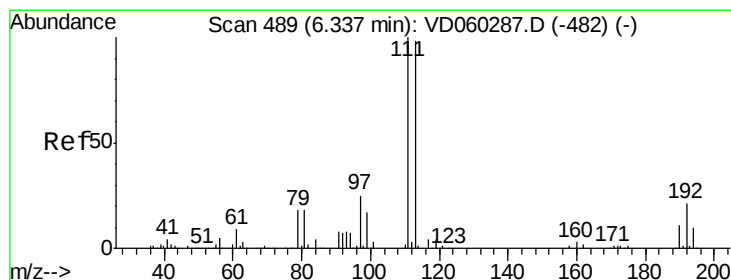
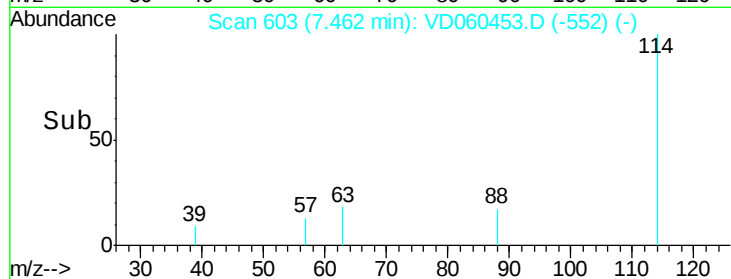
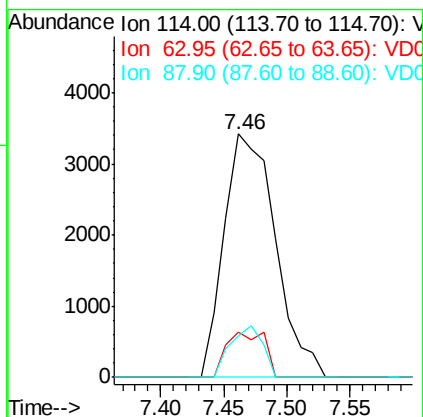
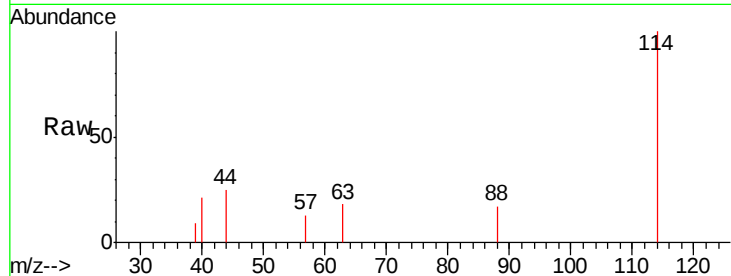




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.46 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VD060453.D
 Acq: 26 Nov 2018 14:00

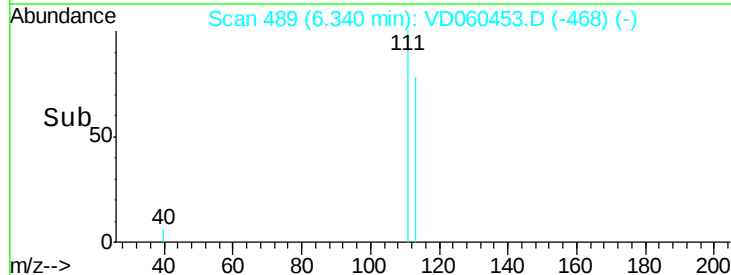
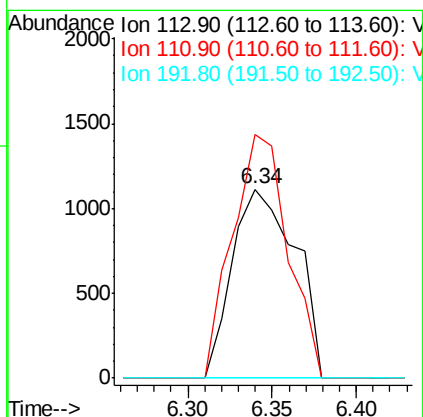
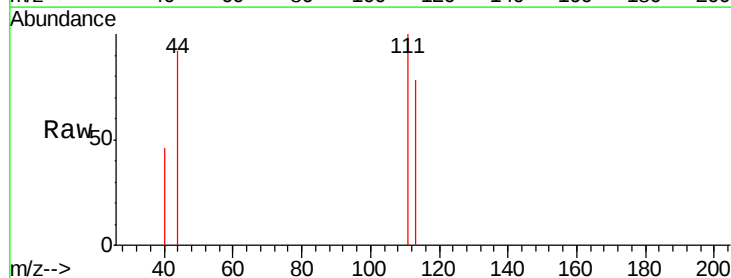
Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-05(25-27)RE

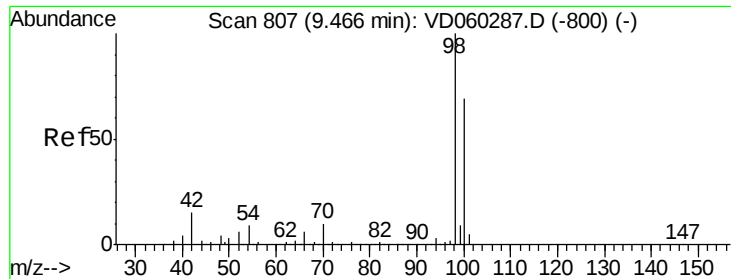
Tgt Ion:114 Resp: 9672
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 34.0
 88 16.8 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.34 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: VD060453.D
 Acq: 26 Nov 2018 14:00

Tgt Ion:113 Resp: 2889
 Ion Ratio Lower Upper
 113 100
 111 128.8 81.6 122.4#
 192 0.0 16.5 24.7#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.48 min Scan# 808

Delta R.T. 0.01 min

Lab File: VD060453.D

Acq: 26 Nov 2018 14:00

Instrument :

MSVOA_D

ClientSampleId :

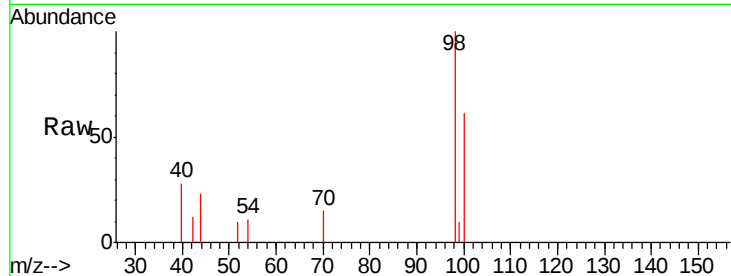
FDSB-05(25-27)RE

Tgt Ion: 98 Resp: 8914

Ion Ratio Lower Upper

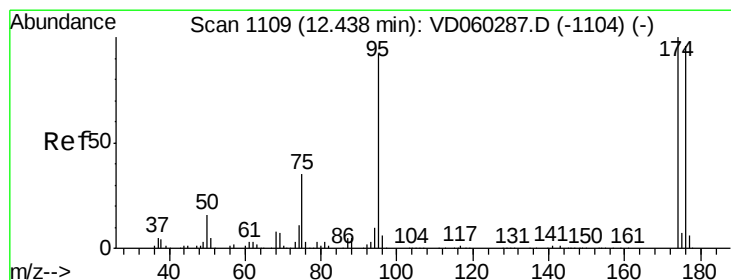
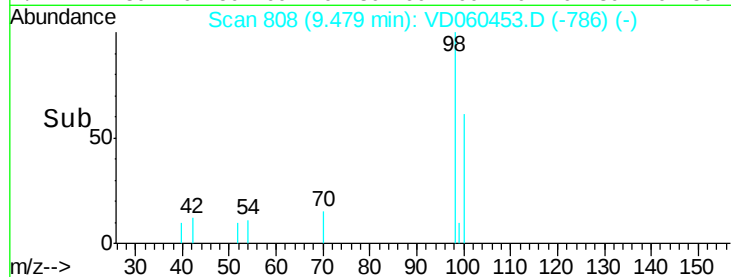
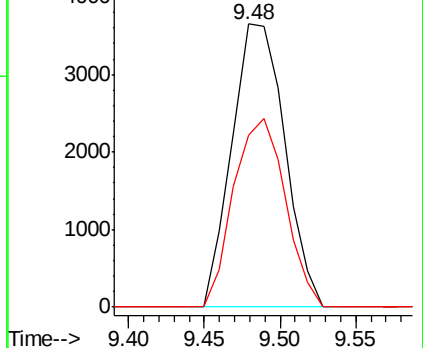
98 100

100 60.7 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.44 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VD060453.D

Acq: 26 Nov 2018 14:00

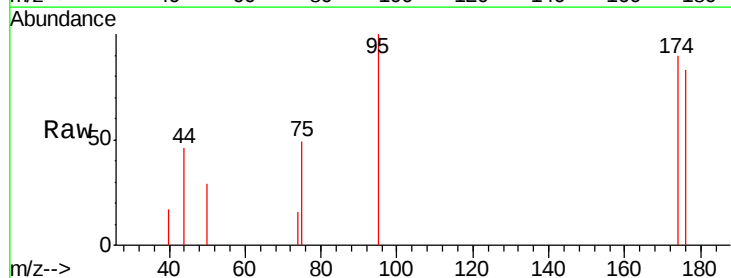
Tgt Ion: 95 Resp: 3186

Ion Ratio Lower Upper

95 100

174 90.1 0.0 160.8

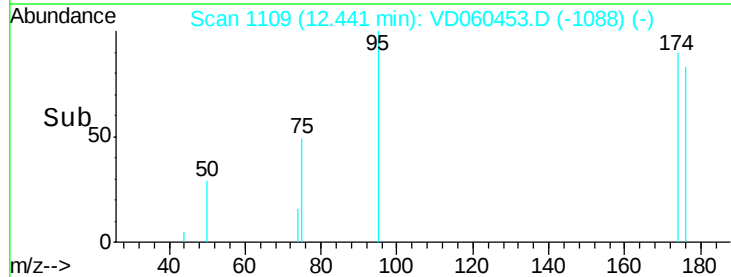
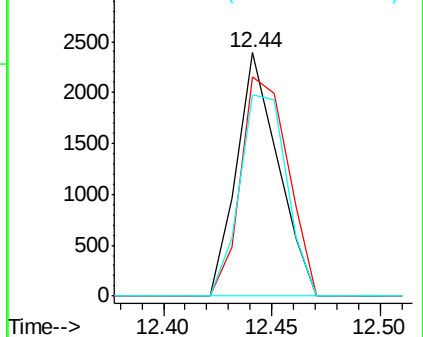
176 82.7 0.0 154.6

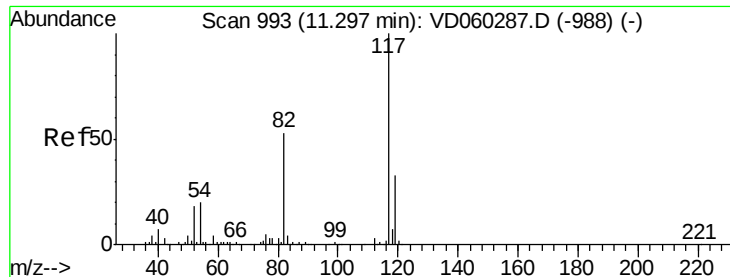


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

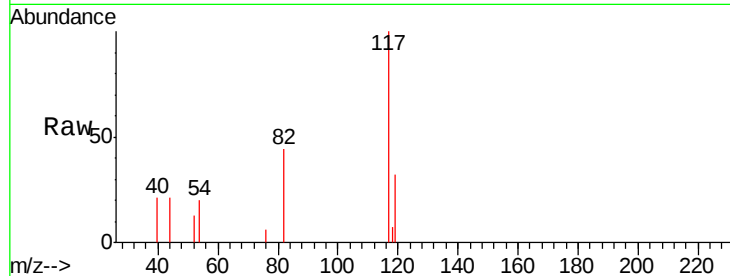




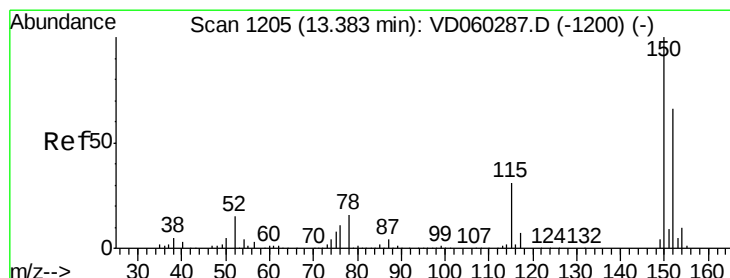
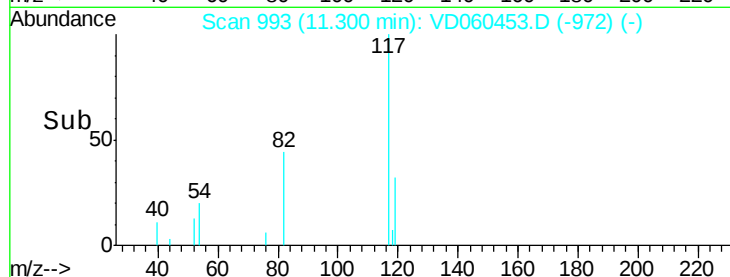
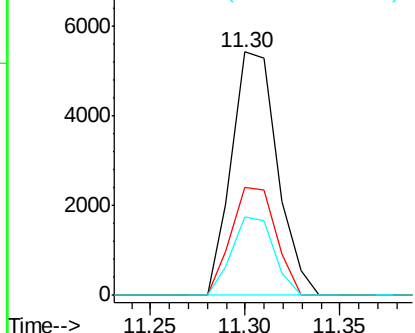
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.30 min Scan# 993
Delta R.T. 0.00 min
Lab File: VD060453.D
Acq: 26 Nov 2018 14:00

Instrument :
MSVOA_D
ClientSampleId :
FDSB-05(25-27)RE

Tgt Ion:117 Resp: 9090
Ion Ratio Lower Upper
117 100
82 44.5 43.7 65.5
119 32.3 26.1 39.1

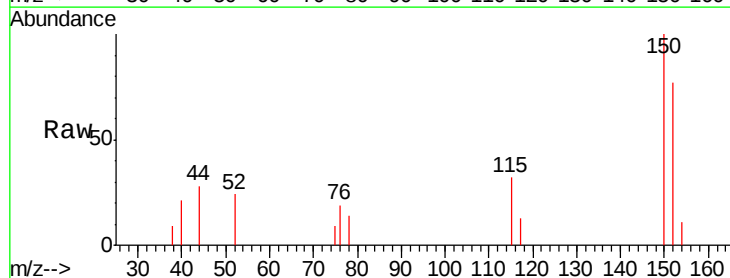


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

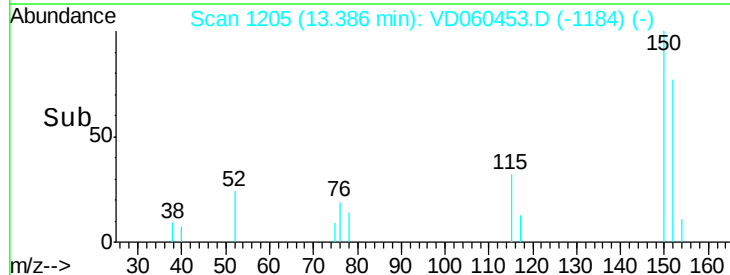
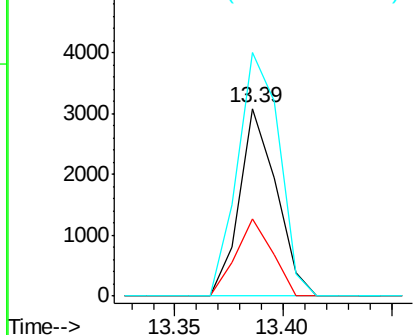


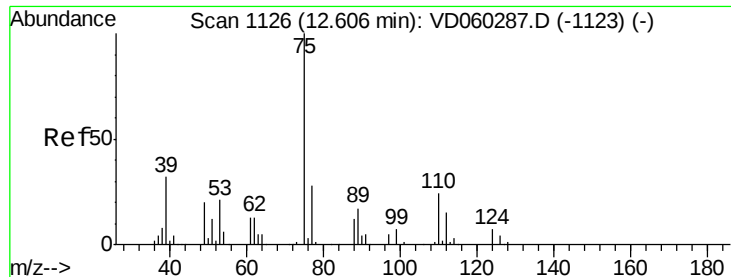
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.39 min Scan# 1205
Delta R.T. 0.00 min
Lab File: VD060453.D
Acq: 26 Nov 2018 14:00

Tgt Ion:152 Resp: 3674
Ion Ratio Lower Upper
152 100
115 41.2 24.1 72.3
150 129.9 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

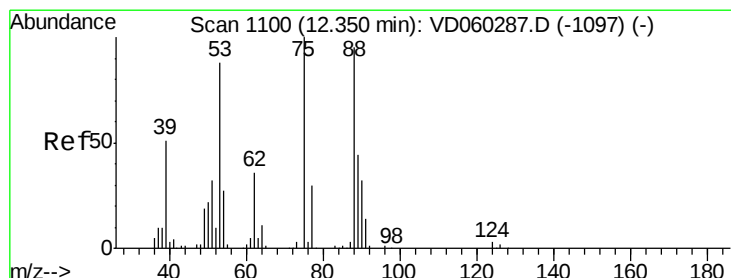
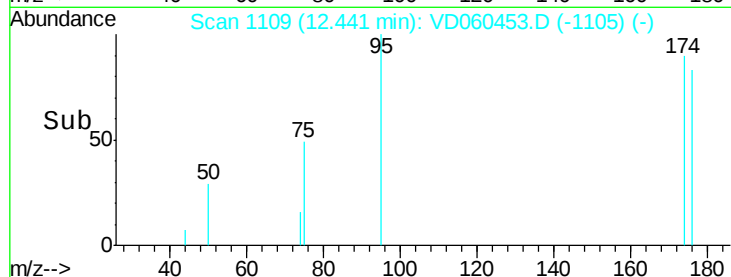
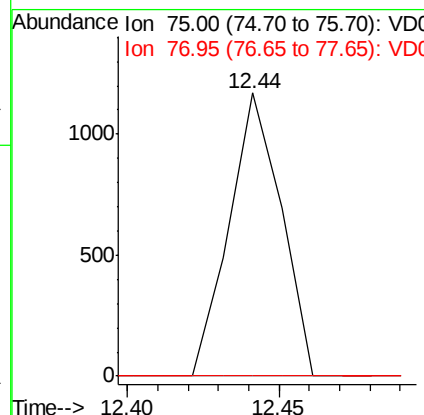
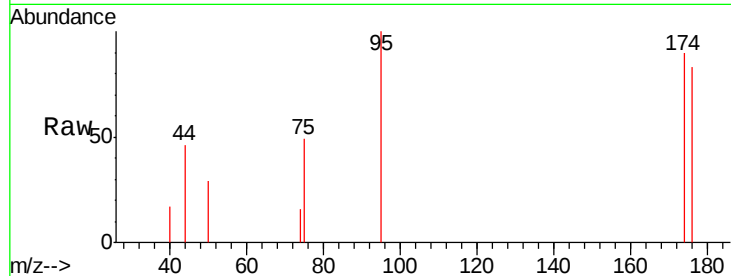




#76
 1,2,3-Trichloropropane
 Concen: 31.63 ug/l
 RT: 12.44 min Scan# 1109
 Delta R.T. -0.16 min
 Lab File: VD060453.D
 Acq: 26 Nov 2018 14:00

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-05(25-27)RE

Tgt Ion: 75 Resp: 1390
 Ion Ratio Lower Upper
 75 100
 77 0.0 16.4 49.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.09 ug/l
 RT: 12.44 min Scan# 1109
 Delta R.T. 0.09 min
 Lab File: VD060453.D
 Acq: 26 Nov 2018 14:00

Tgt Ion: 75 Resp: 1390
 Ion Ratio Lower Upper
 75 100
 53 0.0 68.6 103.0#
 89 0.0 34.1 51.1#

