

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072618\
 Data File : VD059610.D
 Acq On : 26 Jul 2018 17:41
 Operator : VA/AP
 Sample : J4070-01RE
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KY030LC011-S-180718RE

Quant Time: Jul 27 04:58:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 07:10:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	201	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	6.69	114	1415	50.00	ug/l	0.03
63) Chlorobenzene-d5	10.68	117	1205	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	900	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	870	344.29	ug/l	0.02
Spiked Amount	50.000		Recovery	=	688.58%	
35) Dibromofluoromethane	5.51	113	193	15.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	31.80%	
50) Toluene-d8	8.70	98	1499	54.44	ug/l	0.02
Spiked Amount	50.000		Recovery	=	108.88%	
62) 4-Bromofluorobenzene	11.93	95	590	47.57	ug/l	0.01
Spiked Amount	50.000		Recovery	=	95.14%	

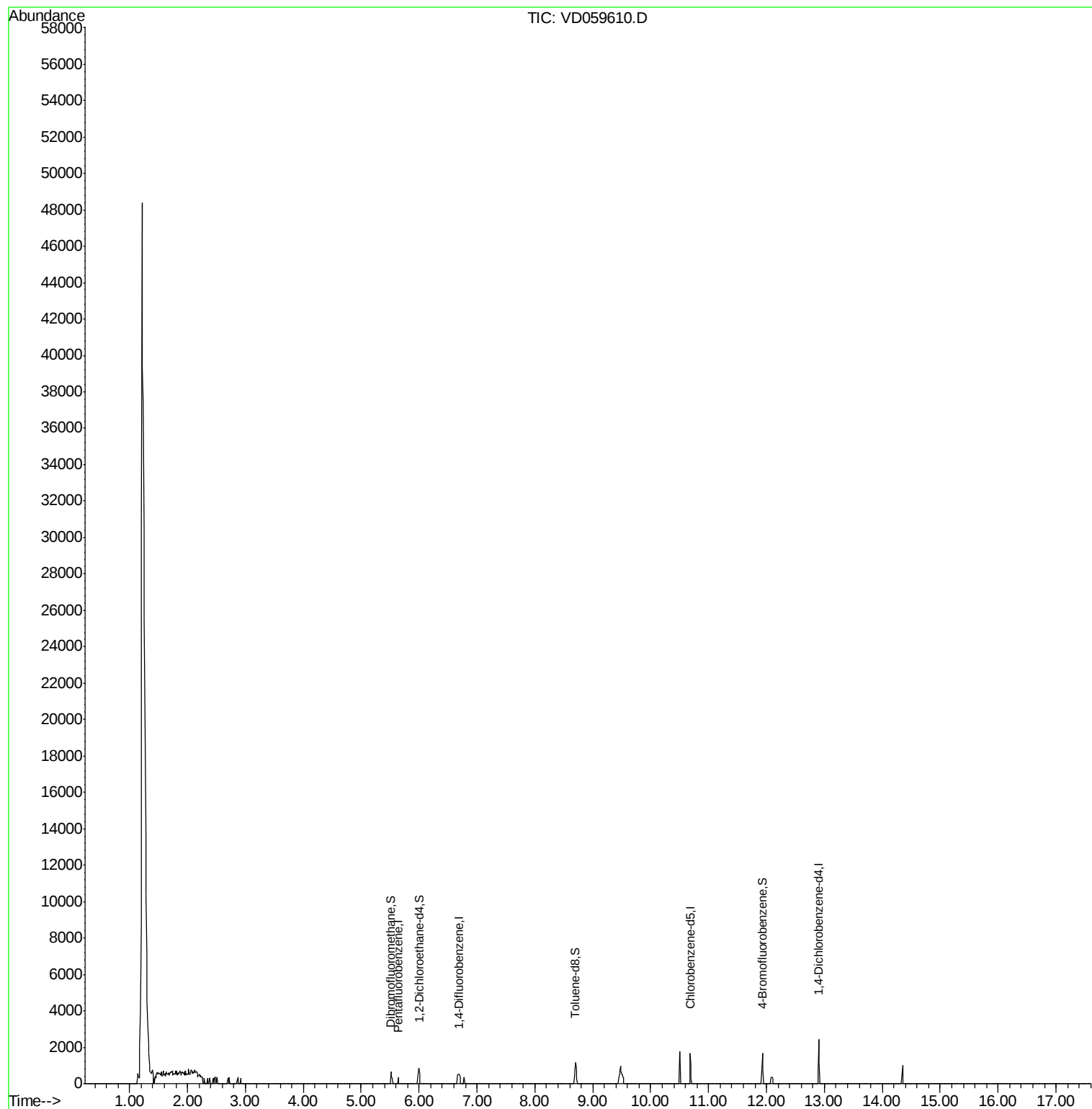
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 551

Delta R.T. 0.03 min

Lab File: VD059610.D

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Instrument :

MSVOA_D

ClientSampleId :

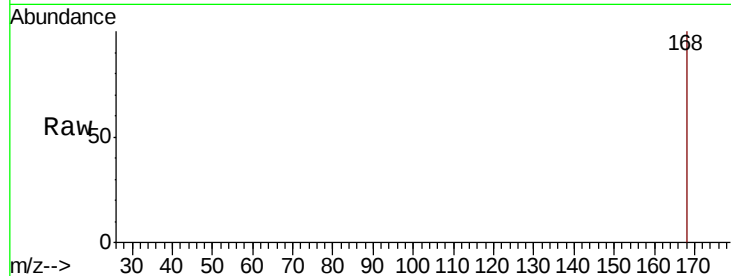
KY030LC011-S-180718RE

Tgt Ion: 168 Resp: 201

Ion Ratio Lower Upper

168 100

99 0.0 47.3 70.9#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.64

300

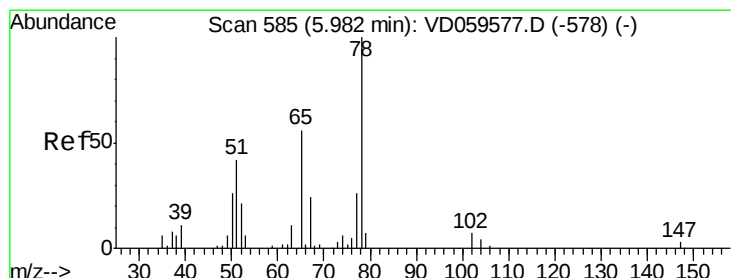
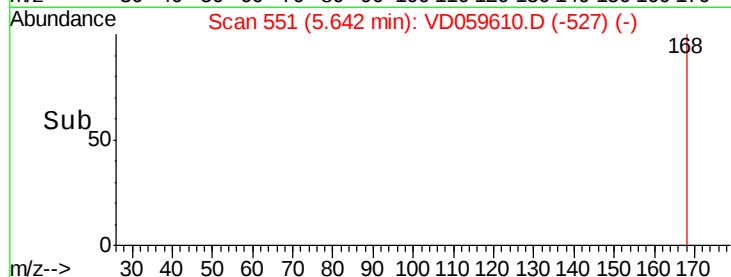
200

100

0

5.62 5.64 5.66

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.01 min Scan# 588

Delta R.T. 0.02 min

Lab File: VD059610.D

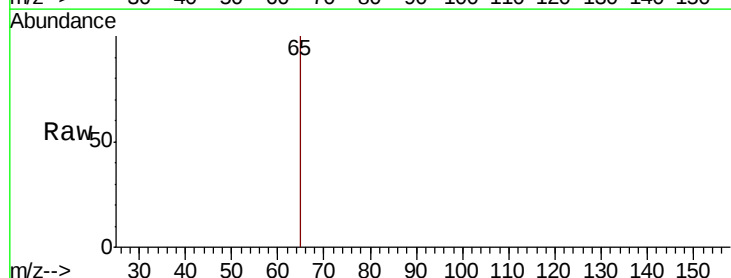
Acq: 26 Jul 2018 17:41

Tgt Ion: 65 Resp: 870

Ion Ratio Lower Upper

65 100

67 0.0 0.0 86.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.01

600

500

400

300

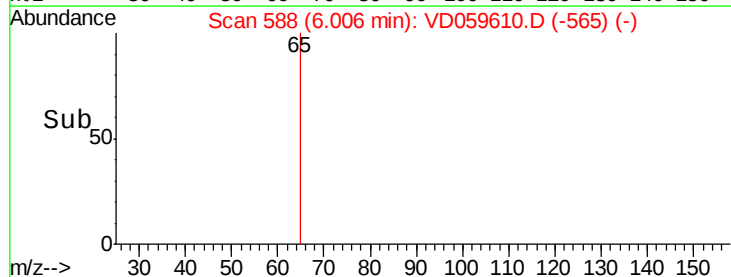
200

100

0

5.95 6.00

Time-->

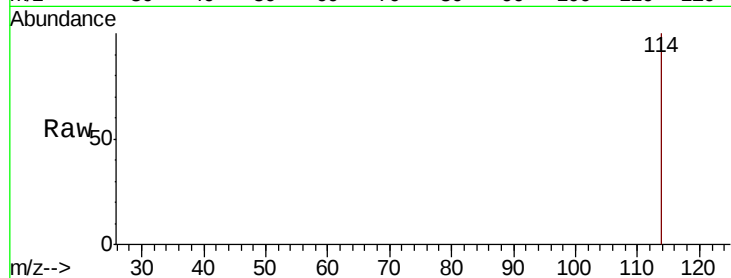




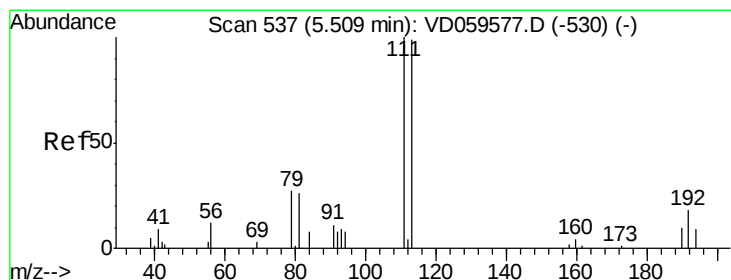
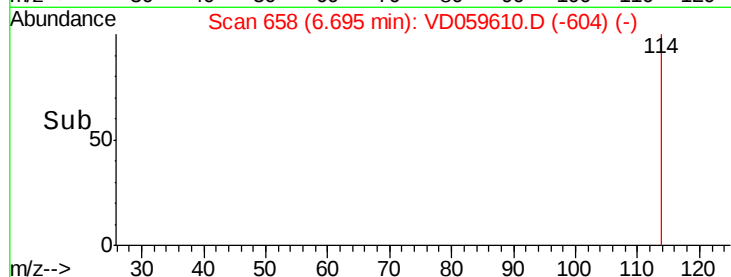
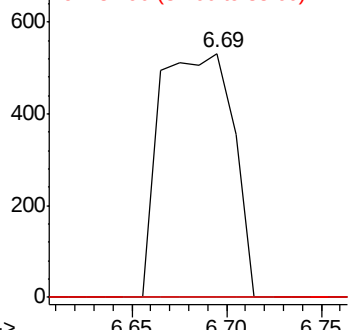
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 658
 Delta R.T. 0.03 min
 Lab File: VD059610.D
 Acq: 26 Jul 2018 17:41

Instrument :
 MSVOA_D
 ClientSampleId :
 KY030LC011-S-180718RE

Tgt Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	43.8
88	0.0	0.0	39.0

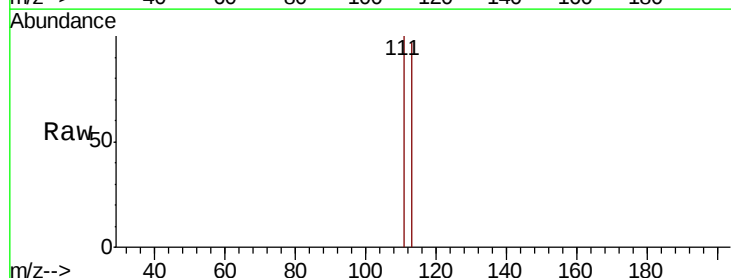


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

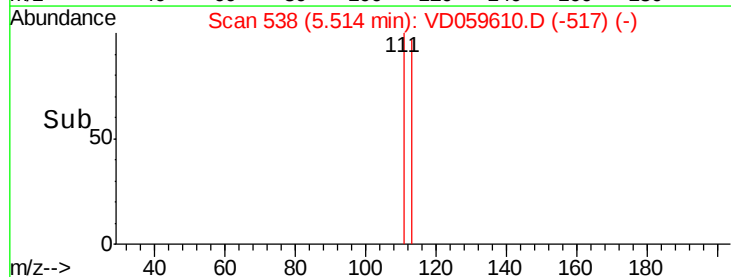
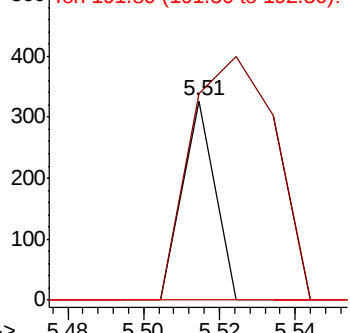


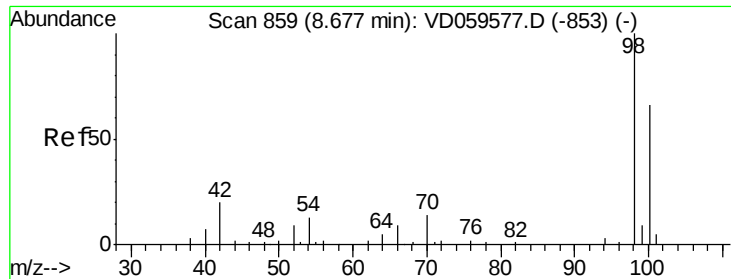
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.51 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VD059610.D
 Acq: 26 Jul 2018 17:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	80.5	120.7
192	0.0	14.5	21.7#



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

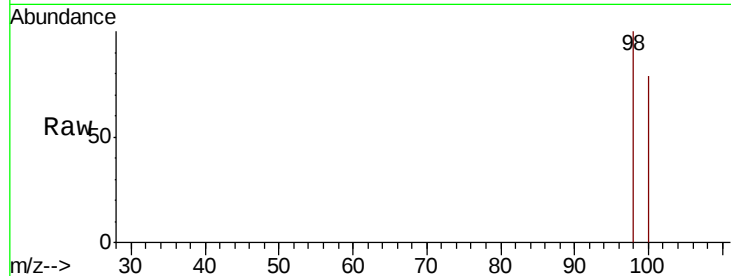




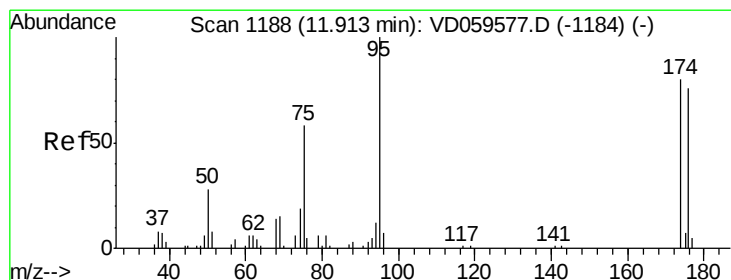
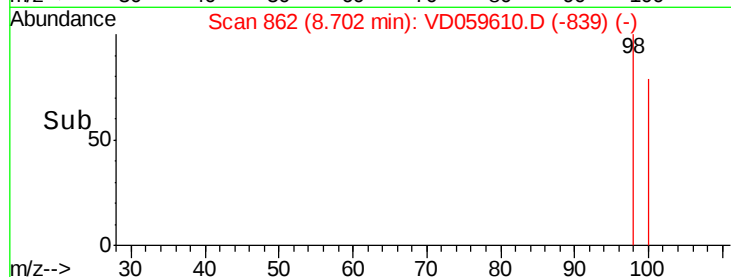
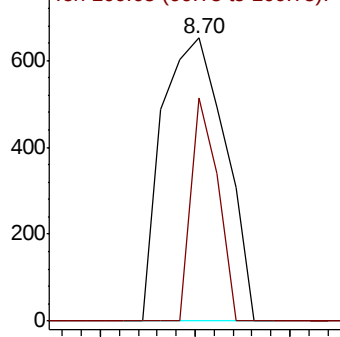
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 862
Delta R.T. 0.02 min
Lab File: VD059610.D
Acq: 26 Jul 2018 17:41

Instrument :
MSVOA_D
ClientSampleId :
KY030LC011-S-180718RE

Tgt Ion: 98 Resp: 1499
Ion Ratio Lower Upper
98 100
100 78.8 53.2 79.8

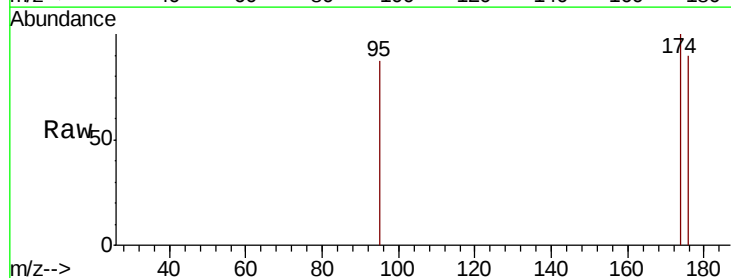


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

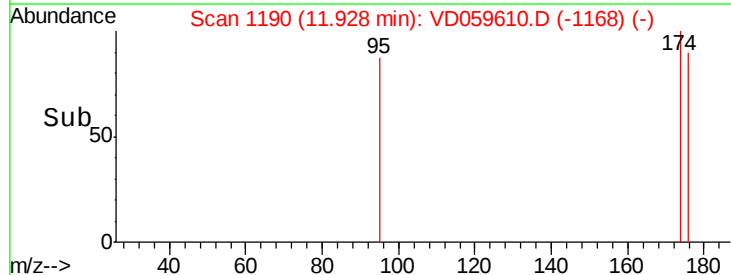
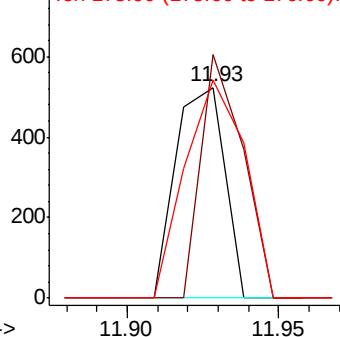


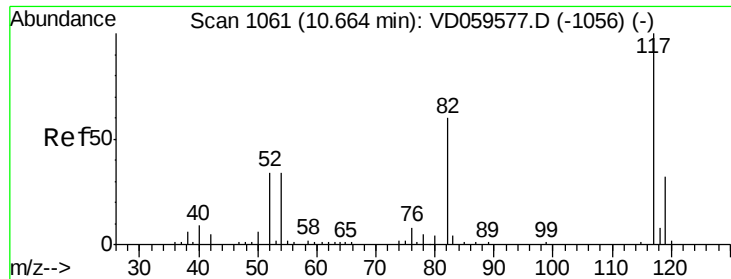
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD059610.D
Acq: 26 Jul 2018 17:41

Tgt Ion: 95 Resp: 590
Ion Ratio Lower Upper
95 100
174 115.5 0.0 160.6
176 103.6 0.0 152.8



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

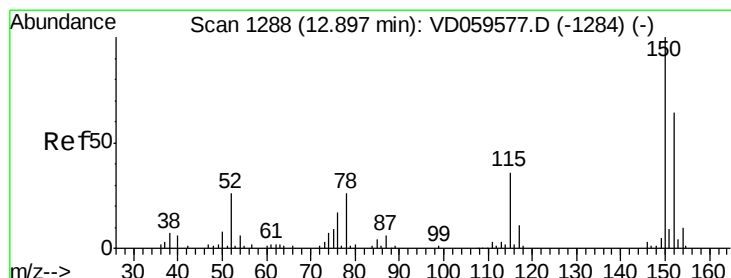
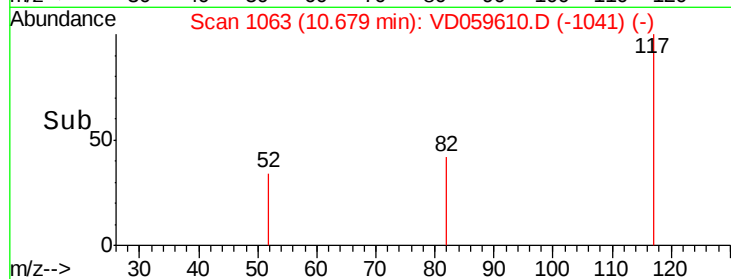
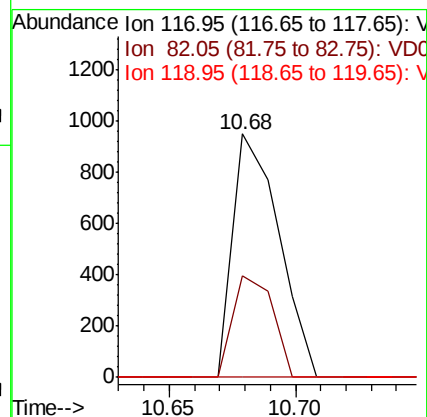
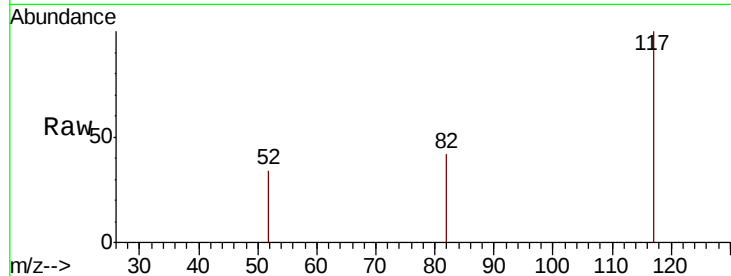




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.68 min Scan# 1063
 Delta R.T. 0.01 min
 Lab File: VD059610.D
 Acq: 26 Jul 2018 17:41

Instrument :
 MSVOA_D
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 KY030LC011-S-180718RE

Tgt Ion:117 Resp: 1205
 Ion Ratio Lower Upper
 117 100
 82 41.6 48.2 72.2#
 119 0.0 25.4 38.2#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.90 min Scan# 1289
 Delta R.T. 0.01 min
 Lab File: VD059610.D
 Acq: 26 Jul 2018 17:41

Tgt Ion:152 Resp: 900
 Ion Ratio Lower Upper
 152 100
 115 63.5 29.5 88.6
 150 165.6 0.0 314.4

