

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060818\
 Data File : VD058052.D
 Acq On : 9 Jun 2018 9:12
 Operator : VA/AP
 Sample : J3247-01RE
 Misc : 5.96g/5ml/MSVOA D/SOIL
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-060718RE

Quant Time: Jun 11 04:40:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	548372	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	718072	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	438428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	153141	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	334004	60.92	ug/l	0.00
Spiked Amount						
			Recovery	=	121.84%	
35) Dibromofluoromethane	5.54	113	338317	60.89	ug/l	-0.02
Spiked Amount						
			Recovery	=	121.78%	
50) Toluene-d8	8.70	98	469962	35.58	ug/l	0.00
Spiked Amount						
			Recovery	=	71.16%	
62) 4-Bromofluorobenzene	11.93	95	219994	38.18	ug/l	0.00
Spiked Amount						
			Recovery	=	76.36%	

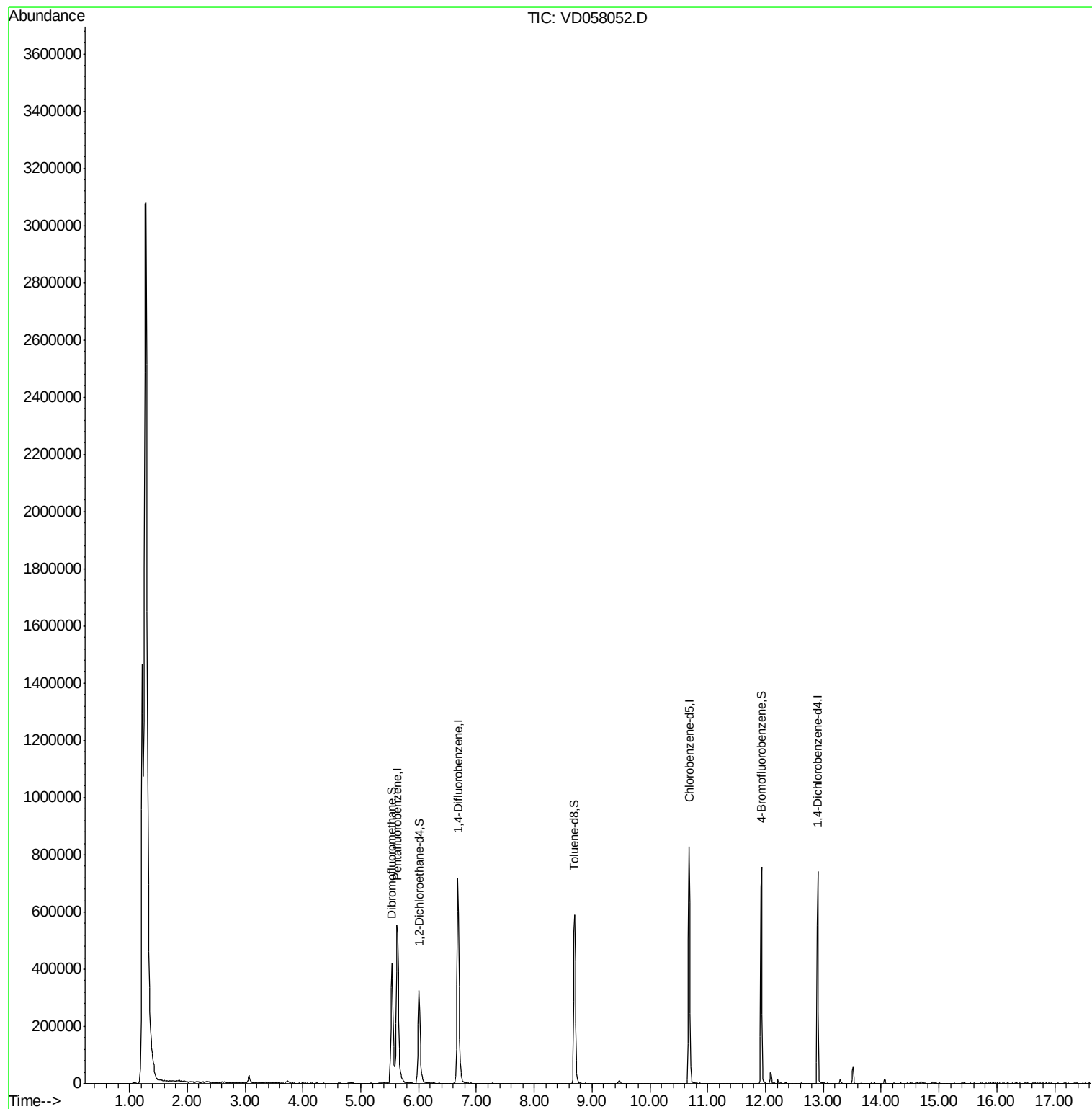
Target Compounds	Qvalue
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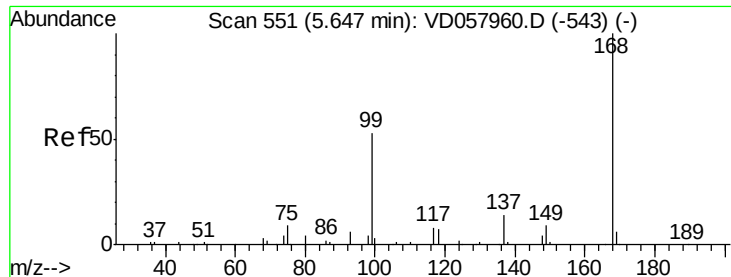
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.02 min

Lab File: VD058052.D

Acq: 9 Jun 2018 9:12

Instrument :

MSVOA_D

ClientSampleId :

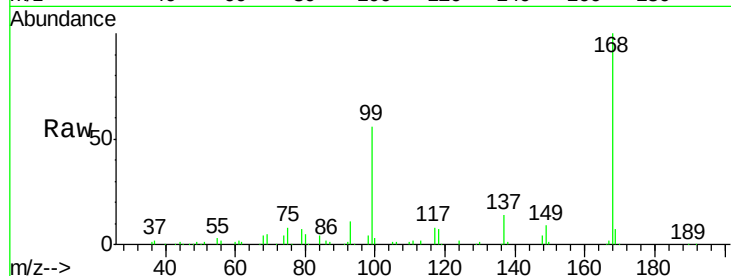
OR-02-060718RE

Tot Ion:168 Resp: 548372

Ion Ratio Lower Upper

168 100

99 55.7 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.63

200000

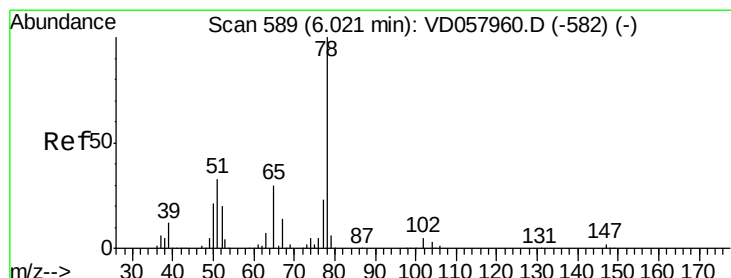
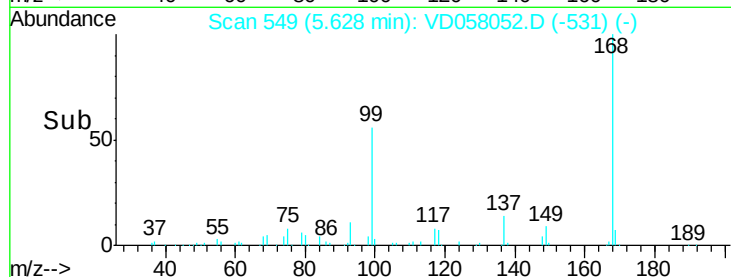
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD058052.D

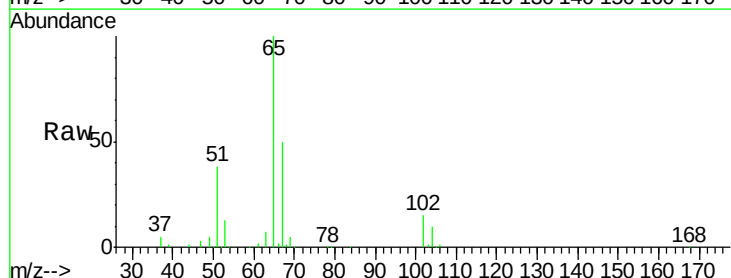
Acq: 9 Jun 2018 9:12

Tgt Ion: 65 Resp: 334004

Ion Ratio Lower Upper

65 100

67 50.0 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

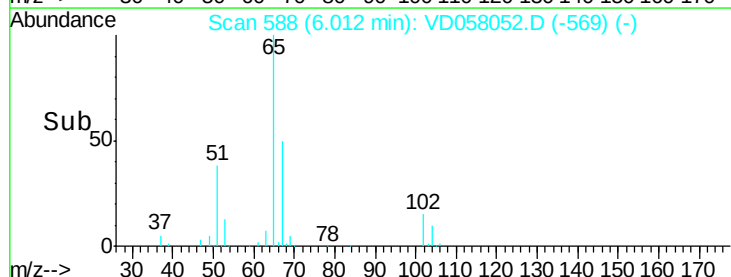
6.01

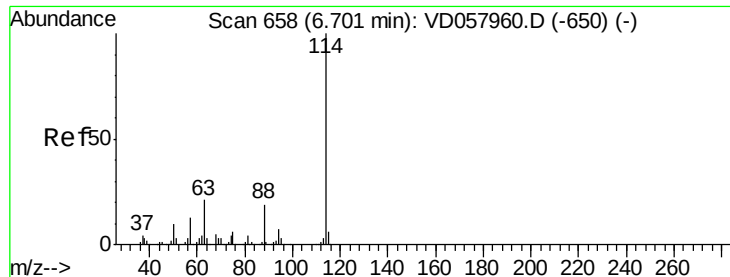
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.68 min Scan# 656

Delta R.T. -0.02 min

Lab File: VD058052.D

Acq: 9 Jun 2018 9:12

Instrument :

MSVOA_D

ClientSampleId :

OR-02-060718RE

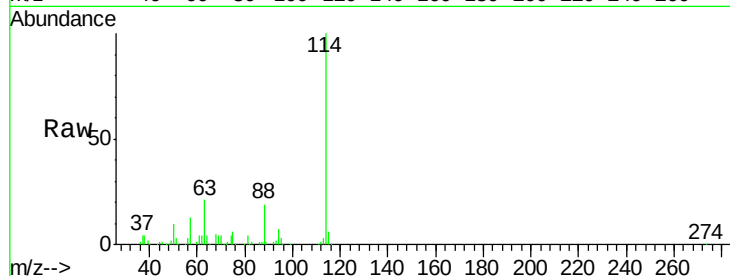
Tot Ion:114 Resp: 718072

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.8

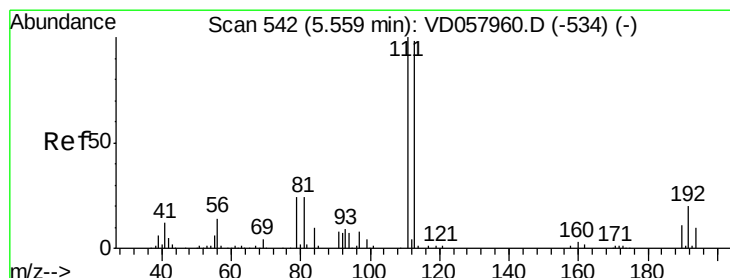
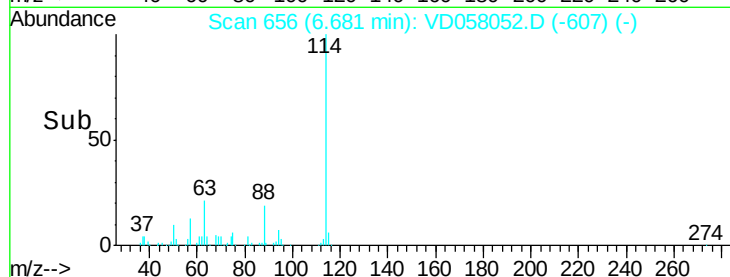
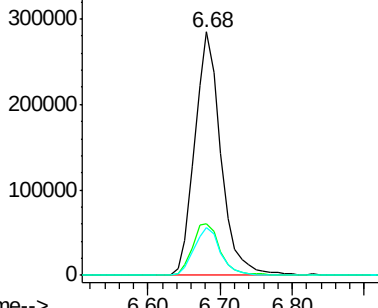
88 19.4 0.0 37.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.02 min

Lab File: VD058052.D

Acq: 9 Jun 2018 9:12

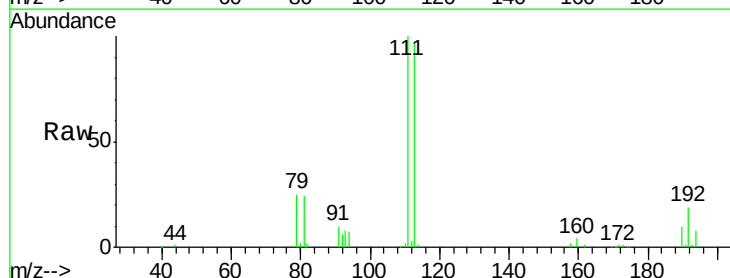
Tgt Ion:113 Resp: 338317

Ion Ratio Lower Upper

113 100

111 102.9 81.5 122.3

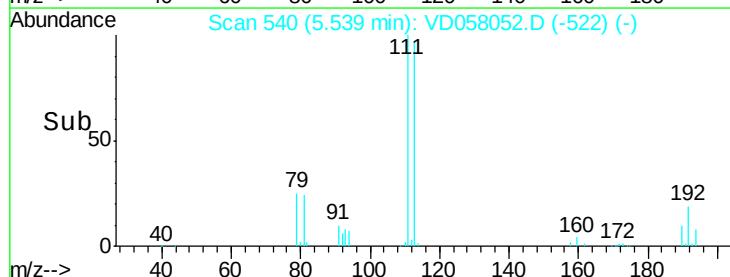
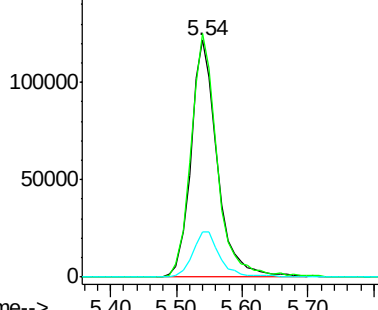
192 19.2 16.4 24.6

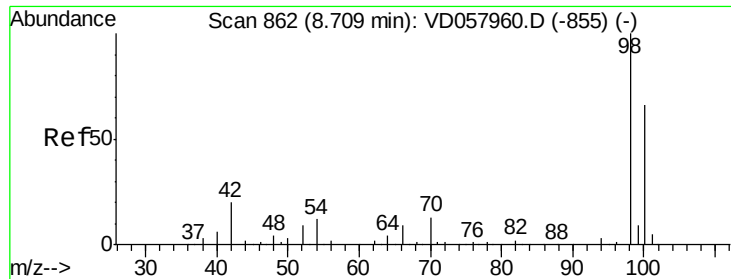


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

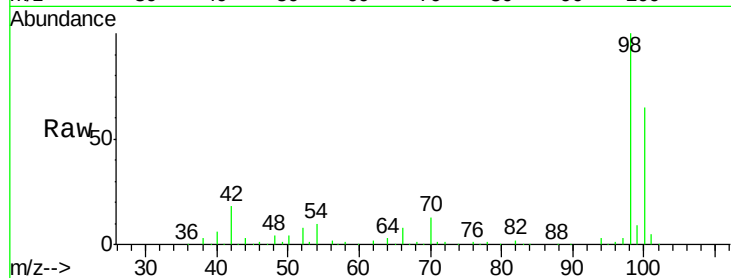




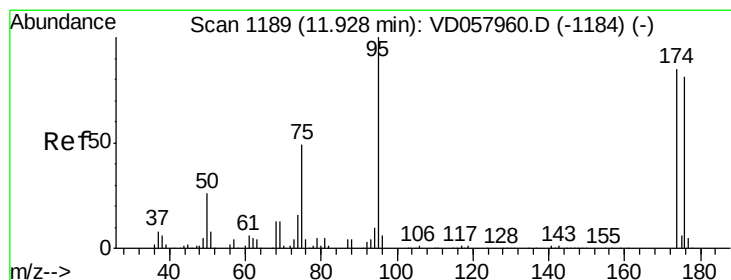
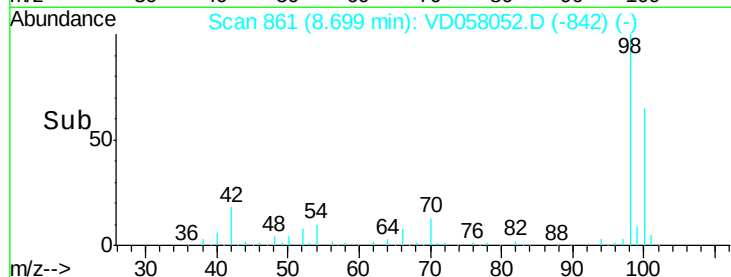
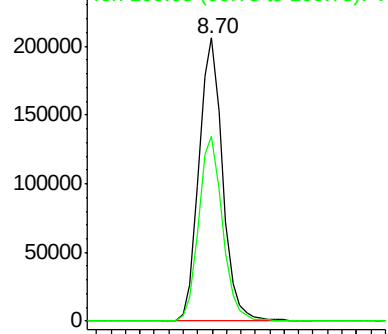
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD058052.D
Acq: 9 Jun 2018 9:12

Instrument :
MSVOA_D
ClientSampleId :
OR-02-060718RE

Tot Ion: 98 Resp: 469962
Ion Ratio Lower Upper
98 100
100 65.4 53.4 80.0

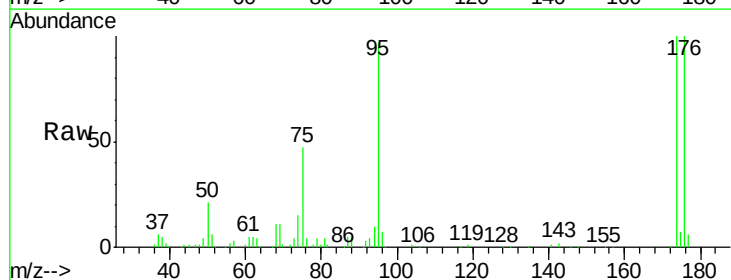


Abundance Ion 98.05 (97.75 to 98.75): VD057960.D (-855) (-)
Ion 100.05 (99.75 to 100.75): VD057960.D (-855) (-)

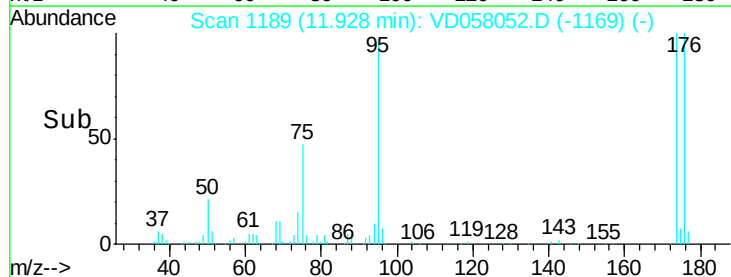
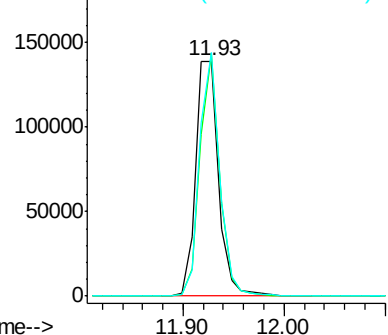


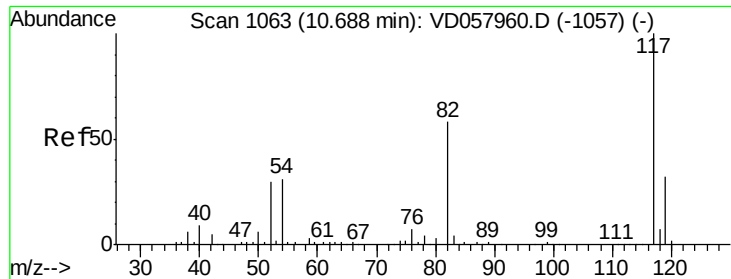
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VD058052.D
Acq: 9 Jun 2018 9:12

Tgt Ion: 95 Resp: 219994
Ion Ratio Lower Upper
95 100
174 103.3 0.0 169.4
176 103.5 0.0 162.6



Abundance Ion 95.00 (94.70 to 95.70): VD057960.D (-1184) (-)
Ion 173.90 (173.60 to 174.60): VD057960.D (-1184) (-)
Ion 175.90 (175.60 to 176.60): VD057960.D (-1184) (-)

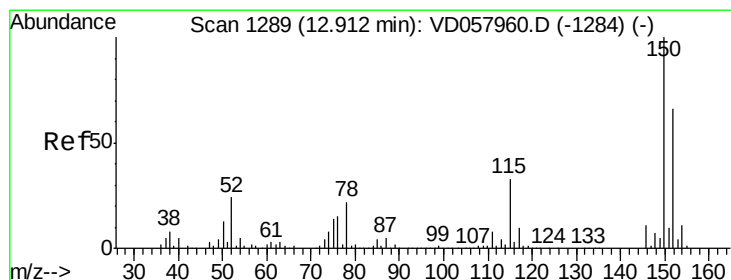
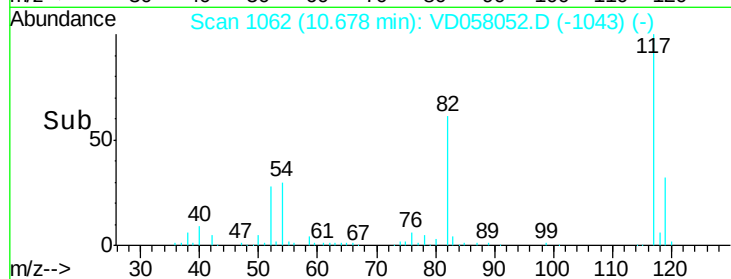
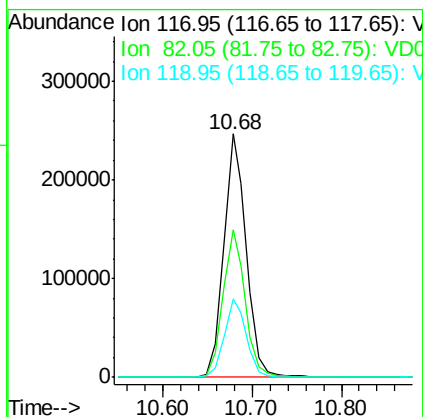
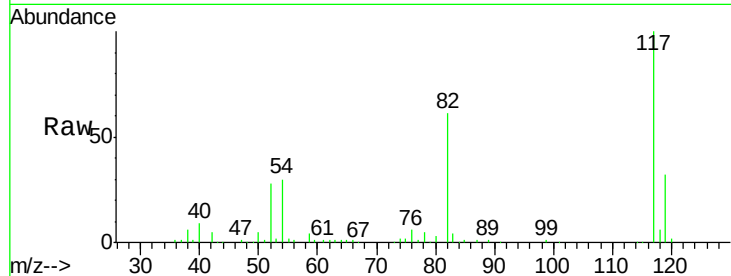




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD058052.D
Acq: 9 Jun 2018 9:12

Instrument :
MSVOA_D
ClientSampleId :
OR-02-060718RE

Tot Ion:117 Resp: 438428
Ion Ratio Lower Upper
117 100
82 60.8 46.8 70.2
119 32.5 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD058052.D
Acq: 9 Jun 2018 9:12

Tgt Ion:152 Resp: 153141
Ion Ratio Lower Upper
152 100
115 53.8 25.6 76.6
150 158.9 0.0 306.8

