

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
 Data File : VD058320.D
 Acq On : 23 Jun 2018 4:16
 Operator : VA/AP
 Sample : J3622-01
 Misc : 5.15g/5ml/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 275-137-282-284

Quant Time: Jun 23 04:42:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	635980	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.70	114	899559	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	556254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	253407	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	364412	56.73	ug/l	0.02
Spiked Amount	50.000		Recovery	=	113.46%	
35) Dibromofluoromethane	5.57	113	384823	52.56	ug/l	0.02
Spiked Amount	50.000		Recovery	=	105.12%	
50) Toluene-d8	8.72	98	632597	35.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.42%	
62) 4-Bromofluorobenzene	11.93	95	276502	38.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.42%	

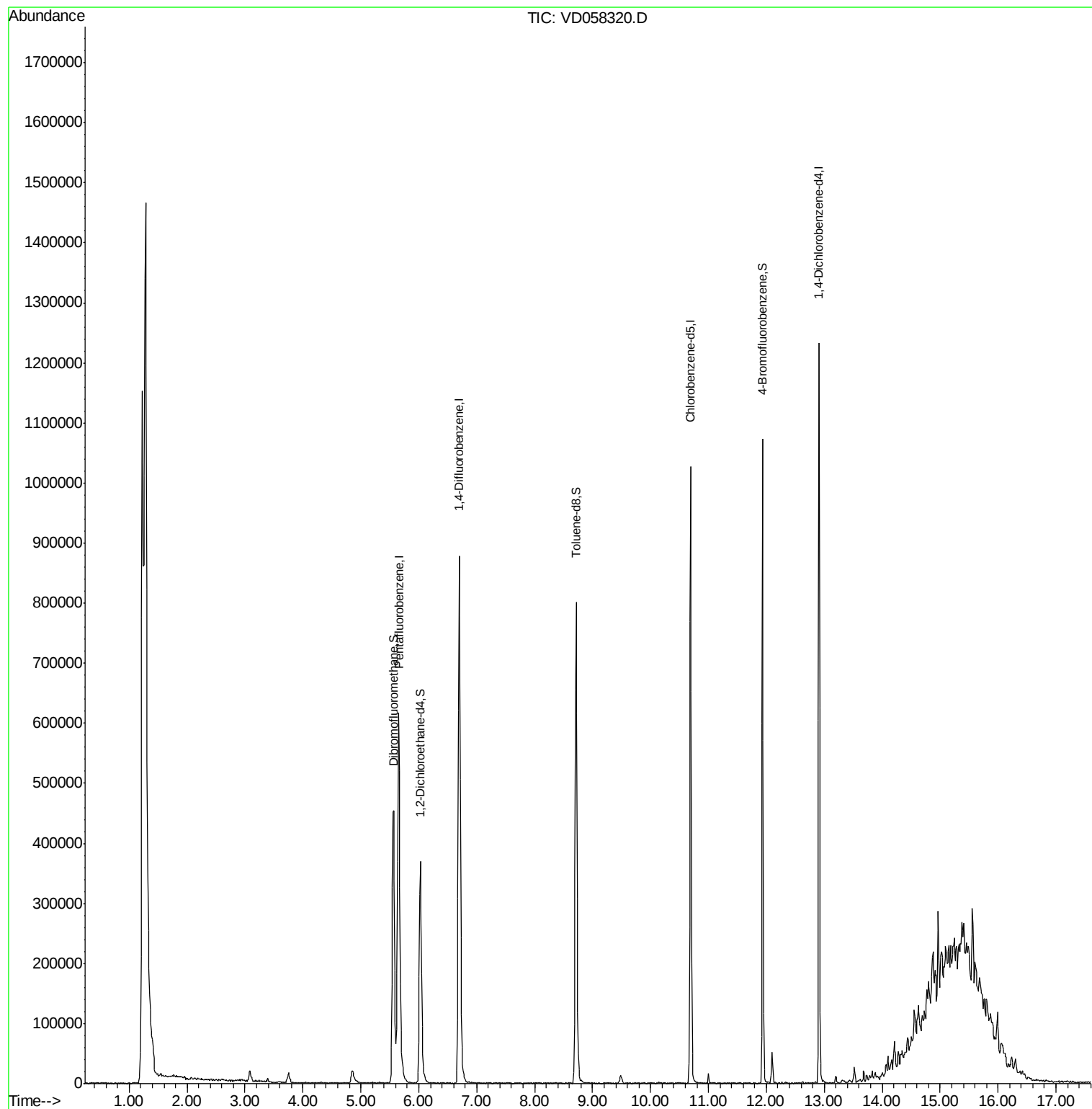
Target Compounds	Qvalue

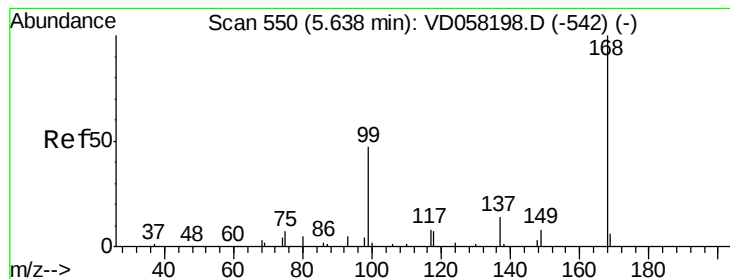
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062218\
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Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 551

Delta R.T. 0.02 min

Lab File: VD058320.D

Acq: 23 Jun 2018 4:16

Instrument :

MSVOA_D

ClientSampleId :

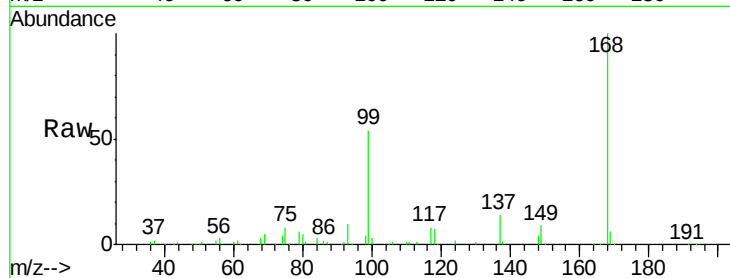
275-137-282-284

Tot Ion:168 Resp: 635980

Ion Ratio Lower Upper

168 100

99 53.9 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.65

250000

200000

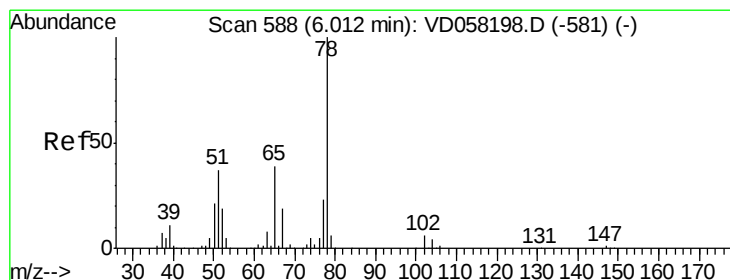
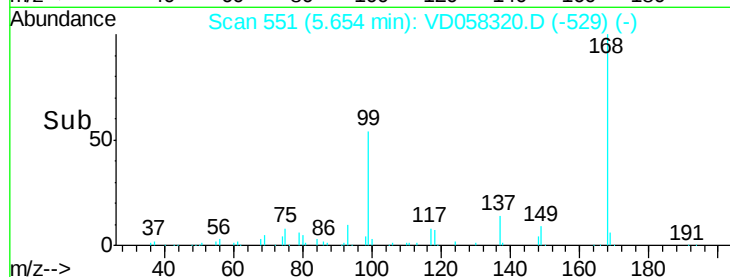
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.03 min Scan# 589

Delta R.T. 0.02 min

Lab File: VD058320.D

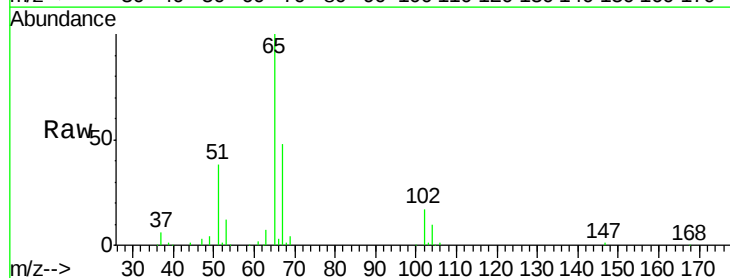
Acq: 23 Jun 2018 4:16

Tgt Ion: 65 Resp: 364412

Ion Ratio Lower Upper

65 100

67 48.0 0.0 97.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.03

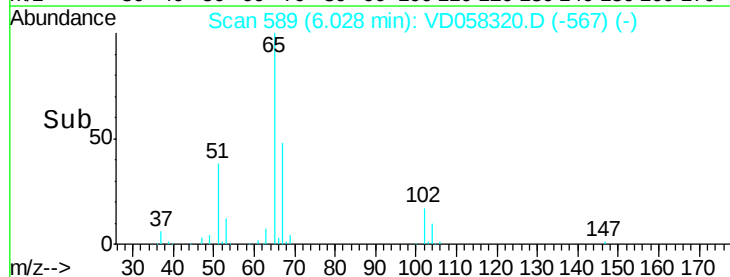
150000

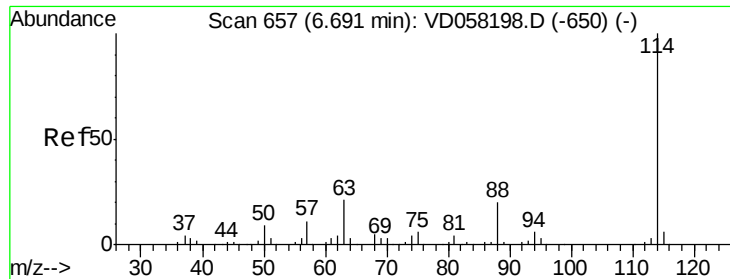
100000

50000

0

Time-->

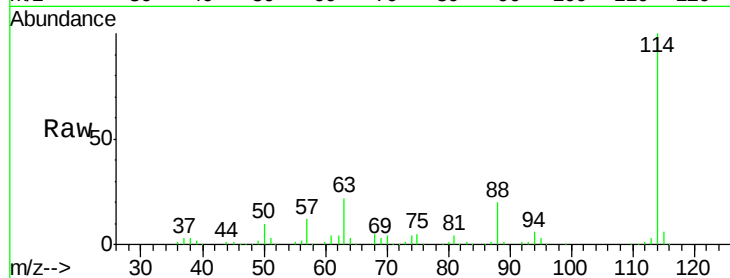




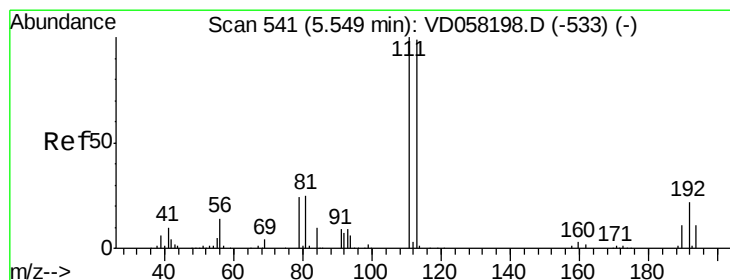
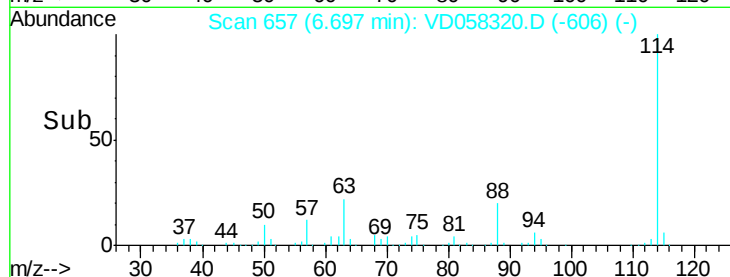
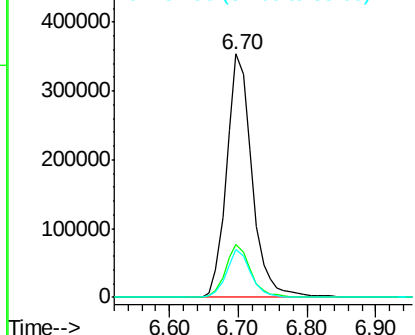
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.70 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VD058320.D
 Acq: 23 Jun 2018 4:16

Instrument :
 MSVOA_D
 ClientSampleId :
 275-137-282-284

Tot Ion:114 Resp: 899559
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.6
 88 19.5 0.0 40.6

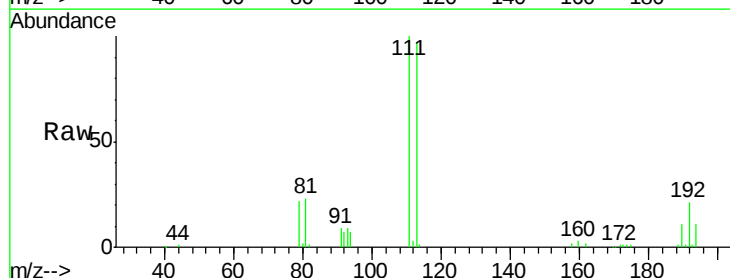


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

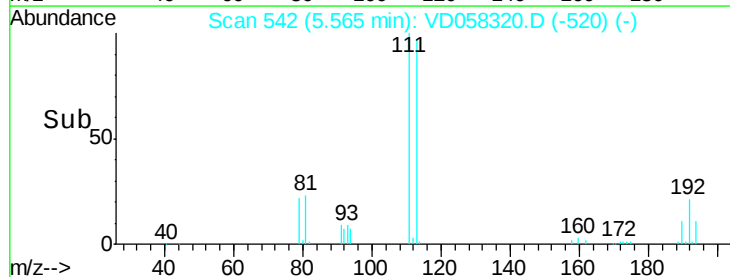
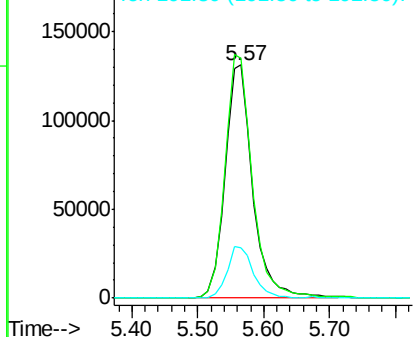


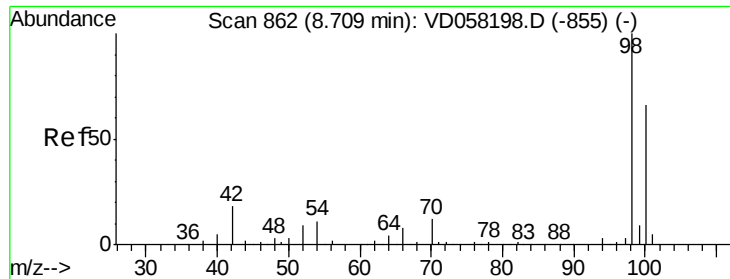
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.57 min Scan# 542
 Delta R.T. 0.02 min
 Lab File: VD058320.D
 Acq: 23 Jun 2018 4:16

Tgt Ion:113 Resp: 384823
 Ion Ratio Lower Upper
 113 100
 111 103.1 80.6 121.0
 192 21.5 17.8 26.6



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

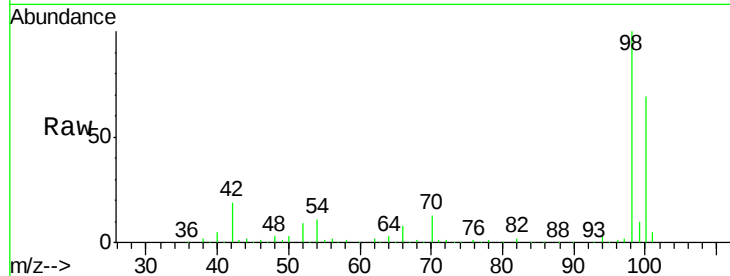




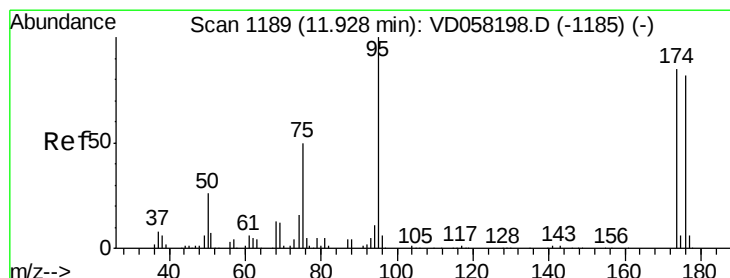
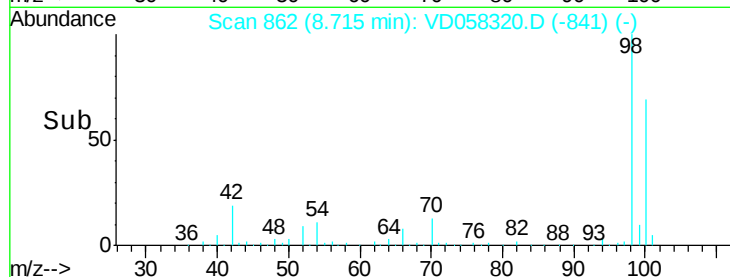
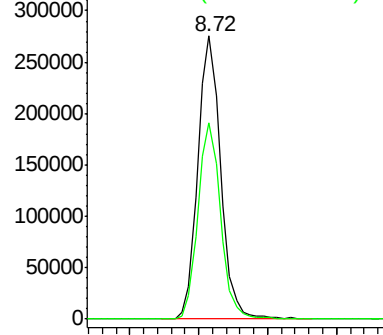
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.72 min Scan# 862
Delta R.T. 0.01 min
Lab File: VD058320.D
Acq: 23 Jun 2018 4:16

Instrument :
MSVOA_D
ClientSampleId :
275-137-282-284

Tot Ion: 98 Resp: 632597
Ion Ratio Lower Upper
98 100
100 69.4 53.6 80.4

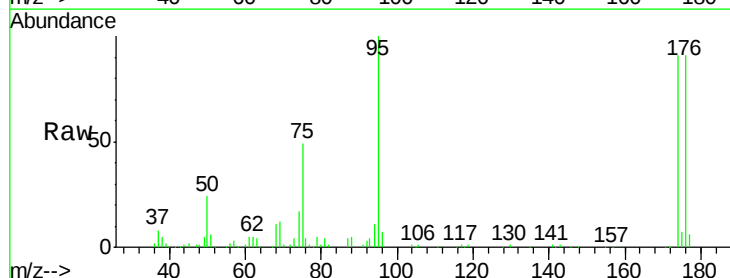


Abundance Ion 98.05 (97.75 to 98.75): VD058198.D (-855) (-)
Ion 100.05 (99.75 to 100.75): VD058198.D (-855) (-)

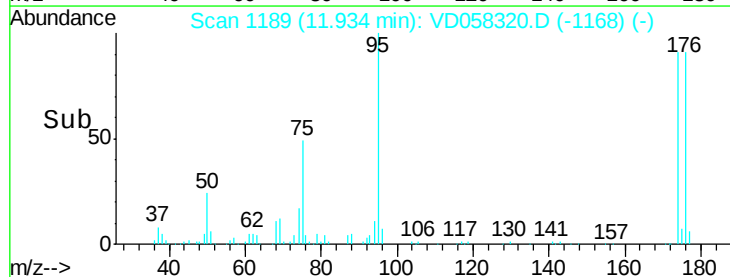
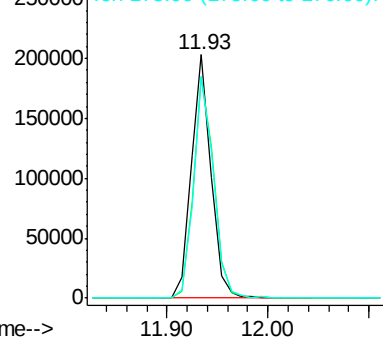


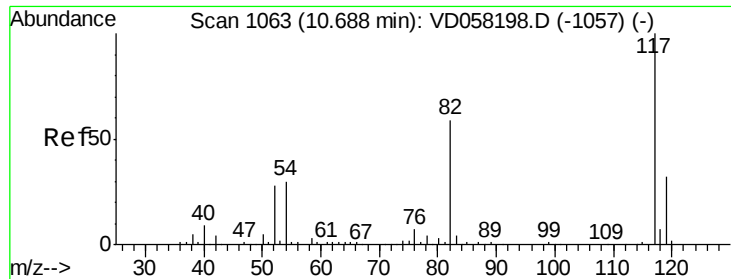
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.01 min
Lab File: VD058320.D
Acq: 23 Jun 2018 4:16

Tgt Ion: 95 Resp: 276502
Ion Ratio Lower Upper
95 100
174 90.7 0.0 170.2
176 91.1 0.0 164.6



Abundance Ion 95.00 (94.70 to 95.70): VD058198.D (-1185) (-)
Ion 173.90 (173.60 to 174.60): VD058198.D (-1185) (-)
Ion 175.90 (175.60 to 176.60): VD058198.D (-1185) (-)





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.69 min Scan# 1063

Delta R.T. 0.01 min

Lab File: VD058320.D

Acq: 23 Jun 2018 4:16

Instrument :

MSVOA_D

ClientSampleId :

275-137-282-284

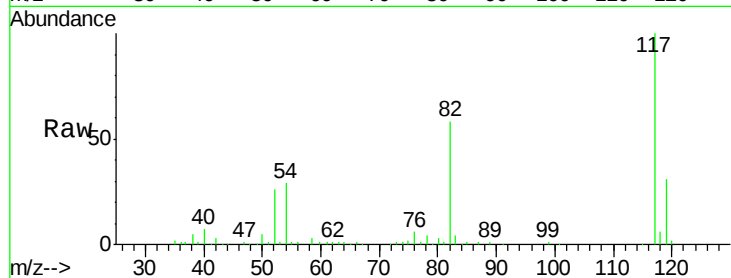
Tot Ion:117 Resp: 556254

Ion Ratio Lower Upper

117 100

82 57.9 47.0 70.6

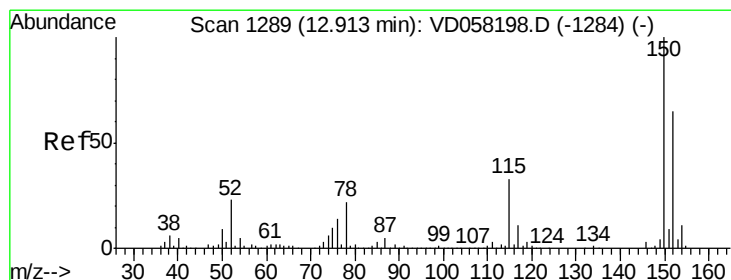
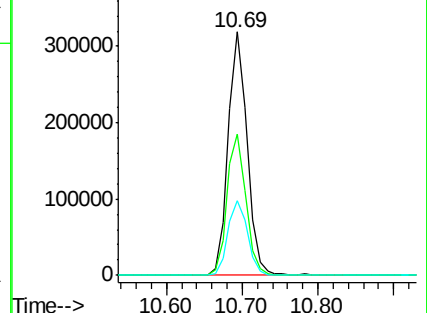
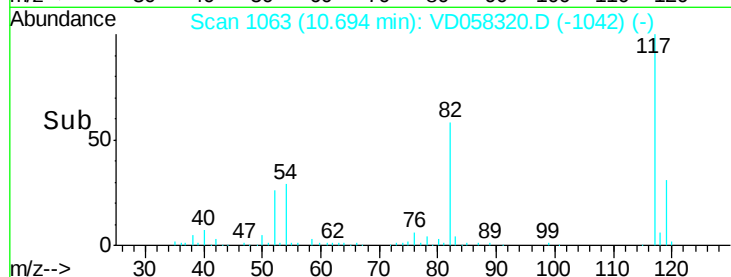
119 30.7 25.3 37.9



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: 12.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VD058320.D

Acq: 23 Jun 2018 4:16

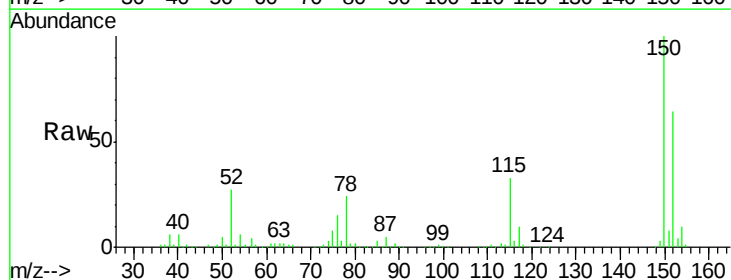
Tgt Ion:152 Resp: 253407

Ion Ratio Lower Upper

152 100

115 52.5 25.1 75.3

150 157.1 0.0 308.8



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

