

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061518\
 Data File : VD058162.D
 Acq On : 15 Jun 2018 19:56
 Operator : VA/AP
 Sample : J3471-03RE
 Misc : 3.72g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 #2RE

Quant Time: Jun 16 00:10:15 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	583417	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.69	114	733822	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	511217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	187925	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	411902	70.62	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	141.24%	
35) Dibromofluoromethane	5.54	113	409068	72.05	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	144.10%	
50) Toluene-d8	8.71	98	842842	62.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.88%	
62) 4-Bromofluorobenzene	11.92	95	267265	45.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.78%	

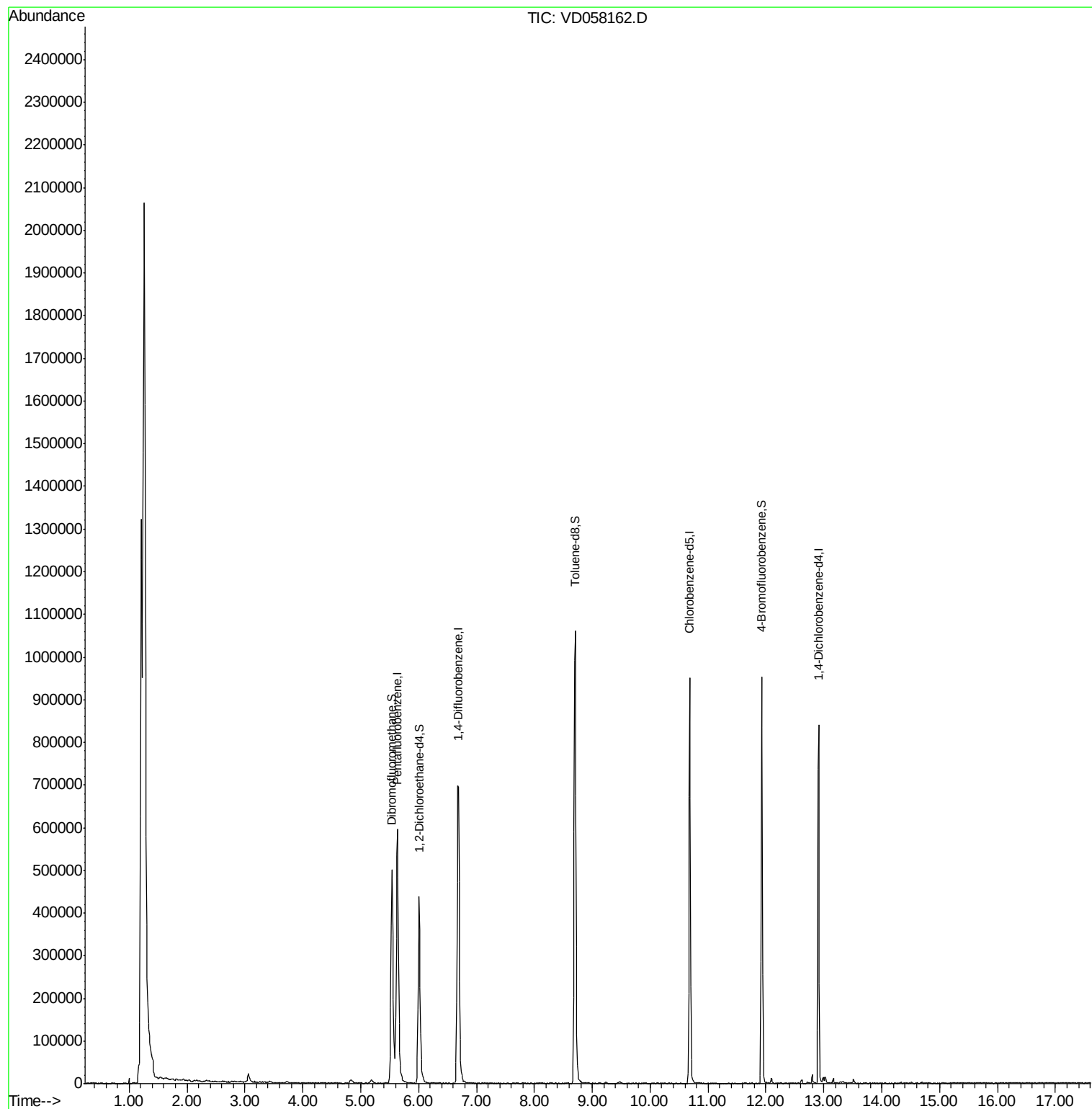
Target Compounds	Qvalue
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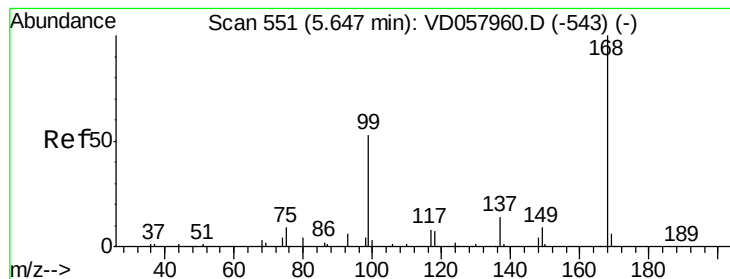
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.01 min

Lab File: VD058162.D

Acq: 15 Jun 2018 19:56

Instrument :

MSVOA_D

ClientSampleId :

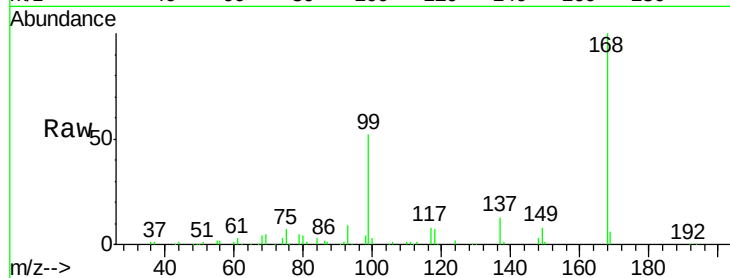
#2RE

Tot Ion:168 Resp: 583417

Ion Ratio Lower Upper

168 100

99 51.7 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

250000

200000

150000

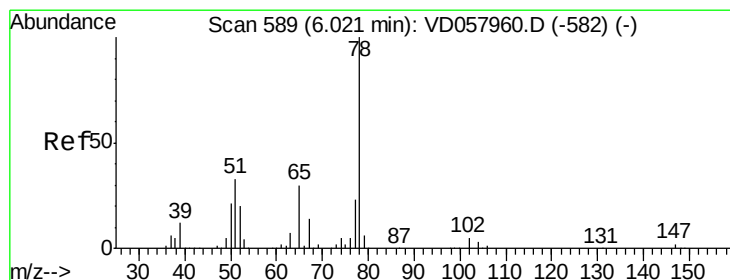
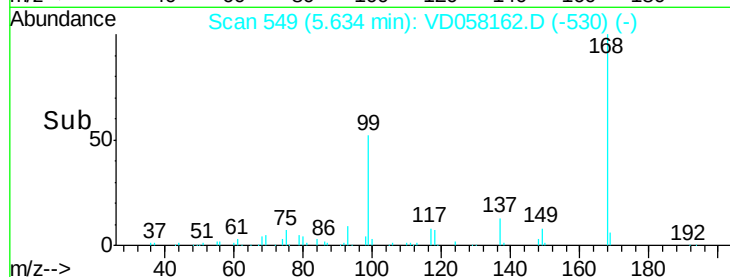
100000

50000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.01 min Scan# 587

Delta R.T. -0.01 min

Lab File: VD058162.D

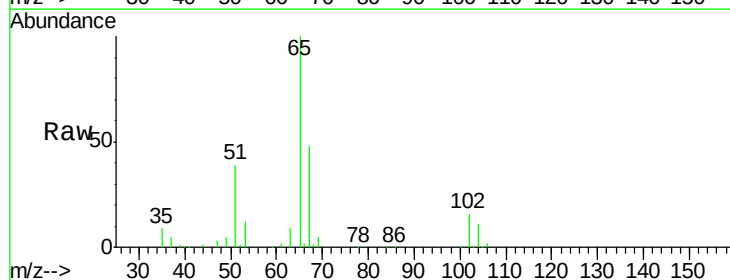
Acq: 15 Jun 2018 19:56

Tgt Ion: 65 Resp: 411902

Ion Ratio Lower Upper

65 100

67 47.9 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

150000

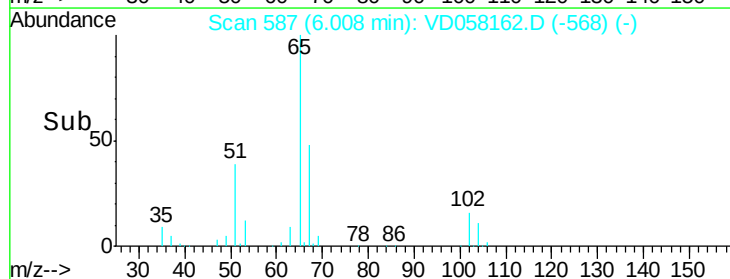
100000

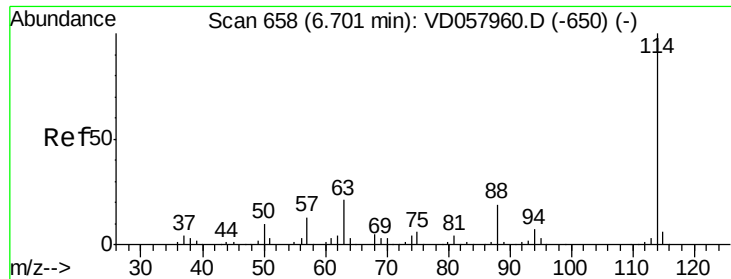
50000

0

Time-->

5.90 6.00 6.10 6.20

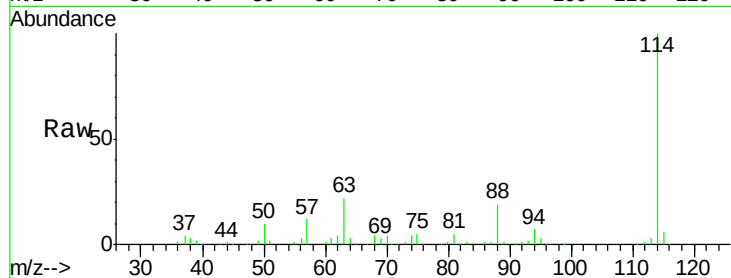




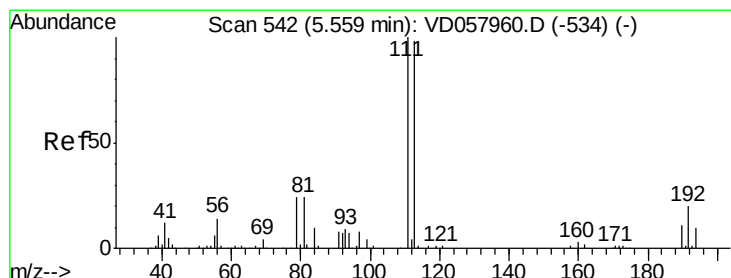
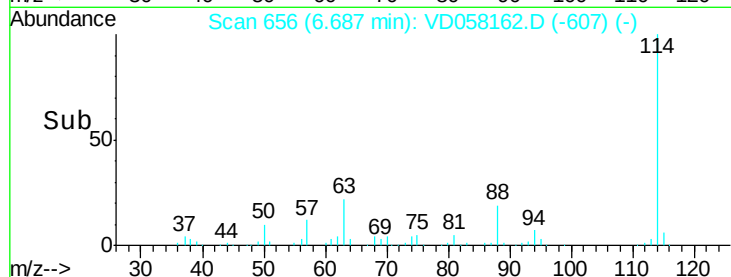
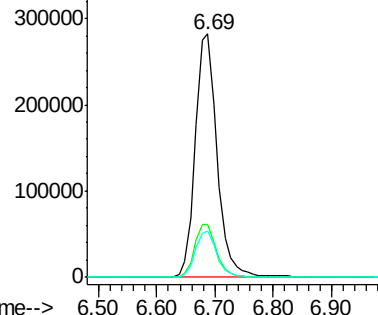
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.69 min Scan# 656
Delta R.T. -0.01 min
Lab File: VD058162.D
Acq: 15 Jun 2018 19:56

Instrument :
MSVOA_D
ClientSampleId :
#2RE

Tot Ion:114 Resp: 733822
Ion Ratio Lower Upper
114 100
63 21.7 0.0 42.8
88 19.0 0.0 37.8

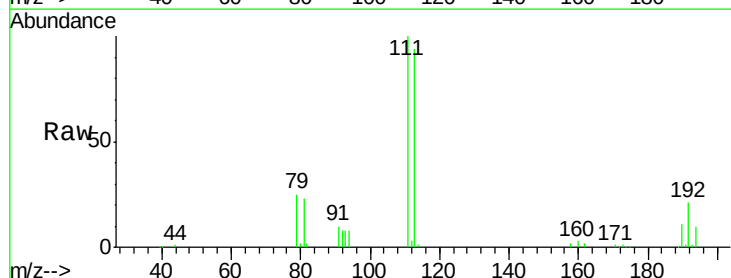


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

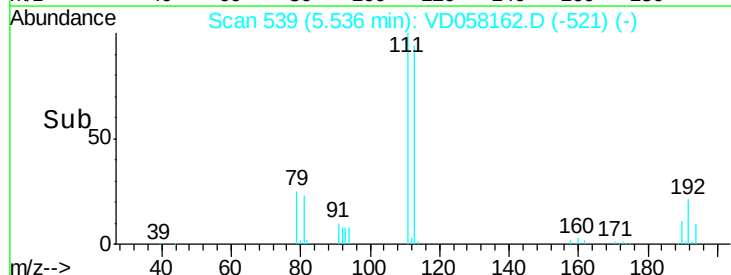
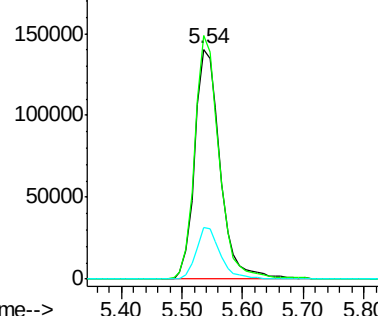


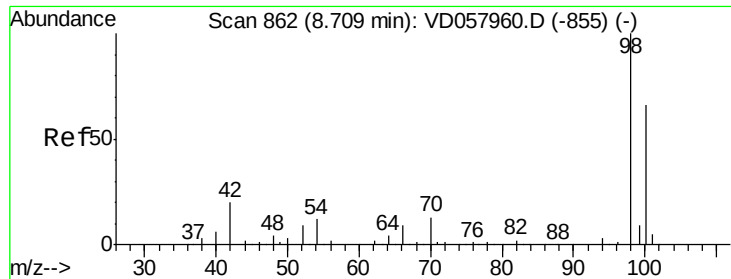
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.54 min Scan# 539
Delta R.T. -0.02 min
Lab File: VD058162.D
Acq: 15 Jun 2018 19:56

Tgt Ion:113 Resp: 409068
Ion Ratio Lower Upper
113 100
111 106.0 81.5 122.3
192 22.5 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

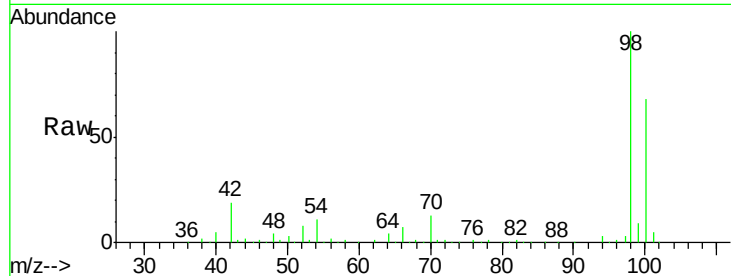




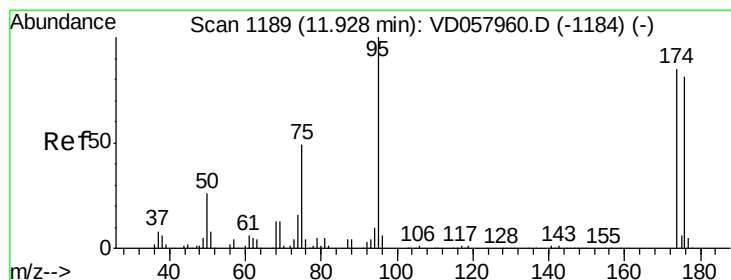
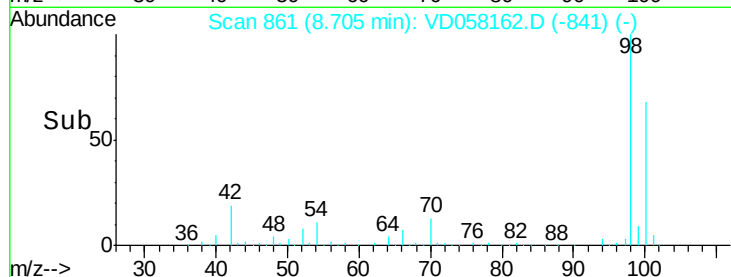
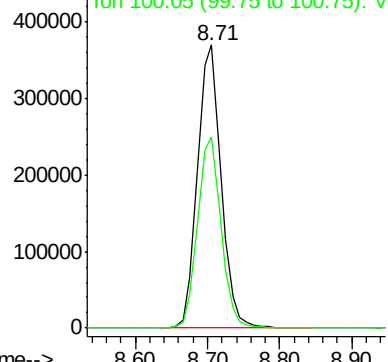
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 861
Delta R.T. -0.00 min
Lab File: VD058162.D
Acq: 15 Jun 2018 19:56

Instrument :
MSVOA_D
ClientSampleId :
#2RE

Tot Ion: 98 Resp: 842842
Ion Ratio Lower Upper
98 100
100 67.8 53.4 80.0

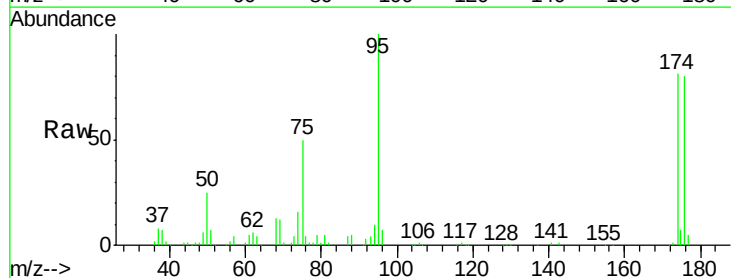


Abundance Ion 98.05 (97.75 to 98.75): VD057960.D (-855) (-)
Ion 100.05 (99.75 to 100.75): VD057960.D (-855) (-)

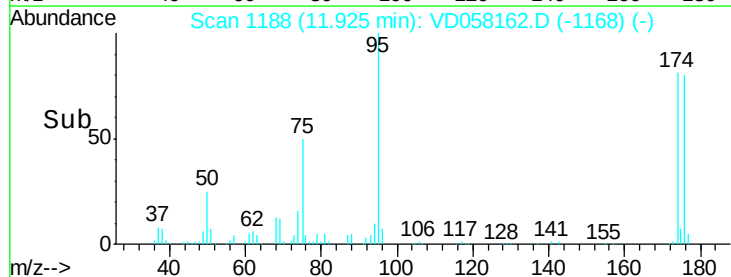
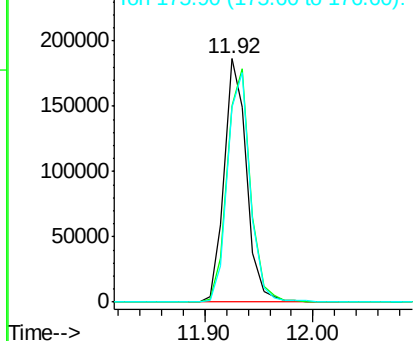


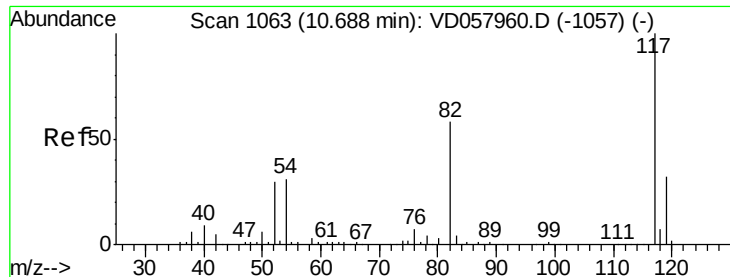
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VD058162.D
Acq: 15 Jun 2018 19:56

Tgt Ion: 95 Resp: 267265
Ion Ratio Lower Upper
95 100
174 80.6 0.0 169.4
176 80.2 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: 50.000 ug/l

RT: 10.68 min Scan# 1062

Delta R.T. -0.00 min

Lab File: VD058162.D

Acq: 15 Jun 2018 19:56

Instrument :

MSVOA_D

ClientSampleId :

#2RE

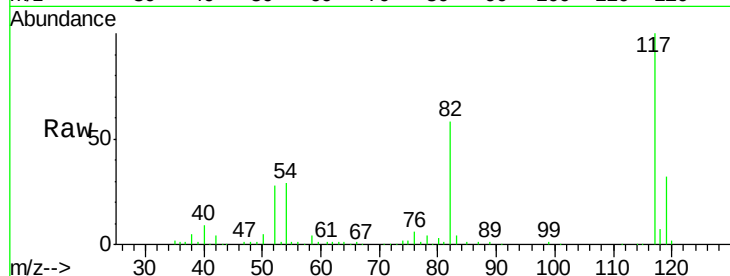
Tot Ion:117 Resp: 511217

Ion Ratio Lower Upper

117 100

82 57.6 46.8 70.2

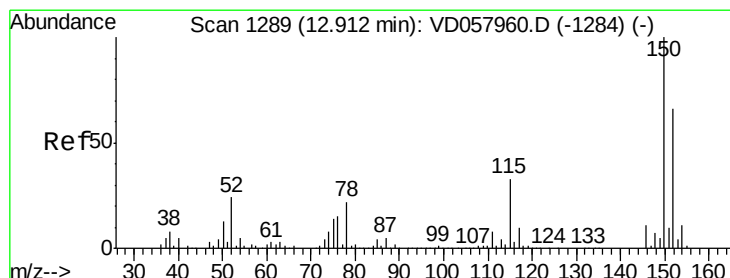
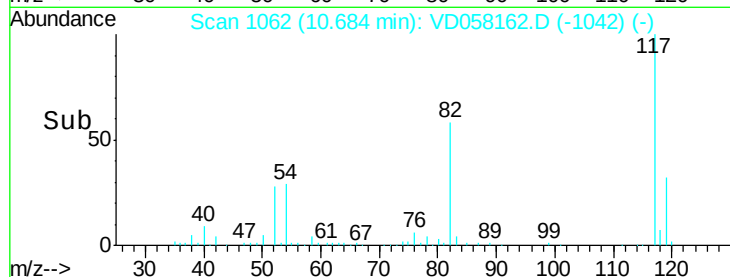
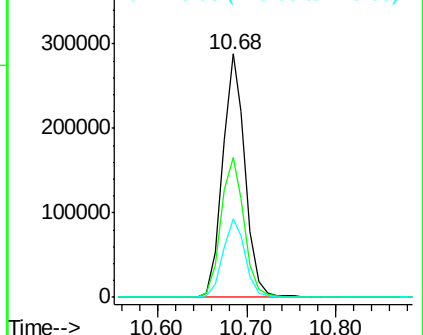
119 32.5 25.8 38.6



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: 50.000 ug/l

RT: 12.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VD058162.D

Acq: 15 Jun 2018 19:56

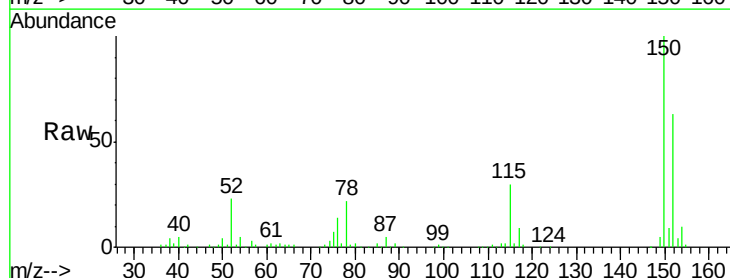
Tgt Ion:152 Resp: 187925

Ion Ratio Lower Upper

152 100

115 47.7 25.6 76.6

150 159.3 0.0 306.8



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

