

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060718\
 Data File : VD057995.D
 Acq On : 8 Jun 2018 4:04
 Operator : JC/SY
 Sample : J3329-03RE
 Misc : 6.74g/5ml/MSVOA D/SOIL
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-31(0-5)RE

Quant Time: Jun 08 08:31:03 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	5.65	168	34427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	58214	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	59425	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	34161	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	34348	99.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.60%	
35) Dibromofluoromethane	5.55	113	26133	58.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.04%	
50) Toluene-d8	8.70	98	48770	45.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.08%	
62) 4-Bromofluorobenzene	11.93	95	28289	60.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.12%	

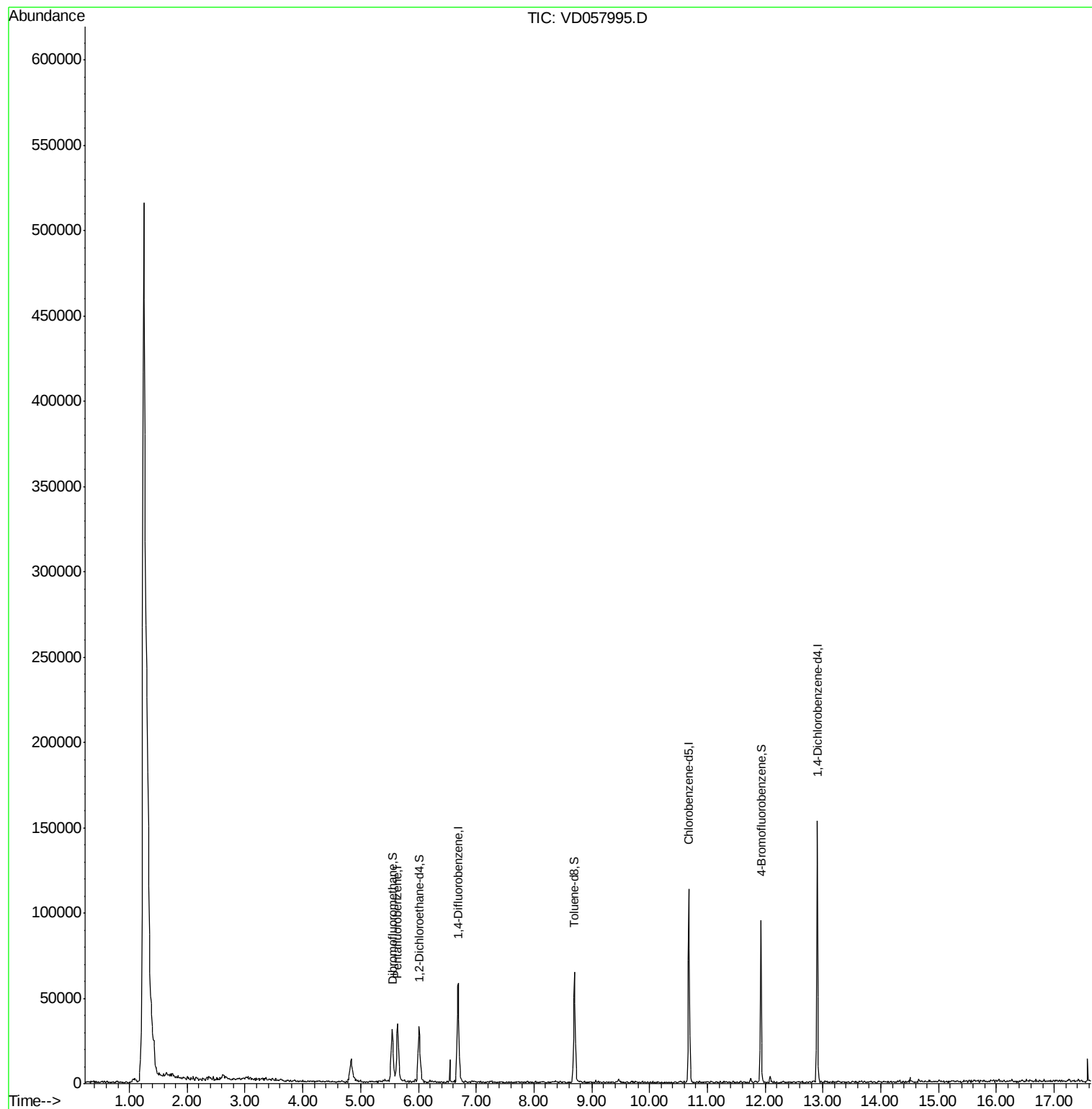
Target Compounds	Qvalue

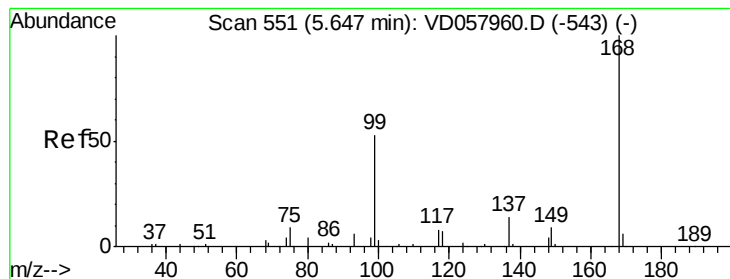
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 551

Delta R.T. -0.00 min

Lab File: VD057995.D

Acq: 8 Jun 2018 4:04

Instrument :

MSVOA_D

ClientSampleId :

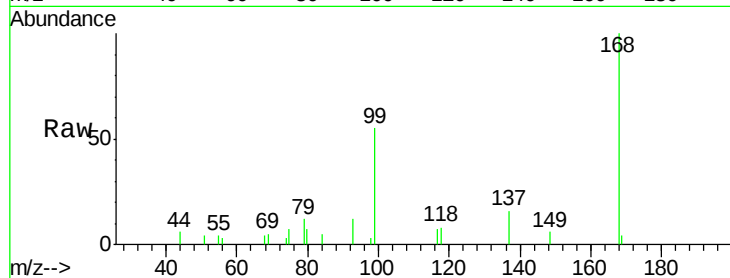
MH-31(0-5)RE

Tot Ion:168 Resp: 34427

Ion Ratio Lower Upper

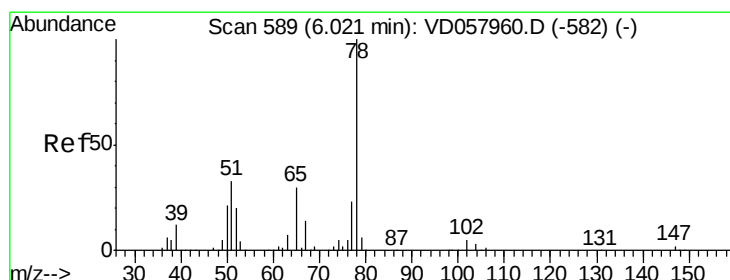
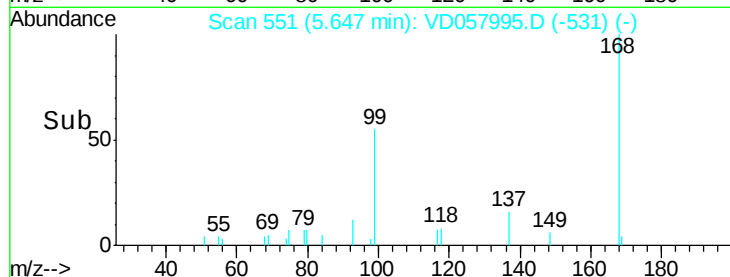
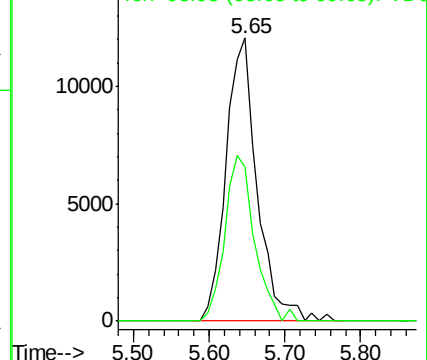
168 100

99 54.6 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD057995.D

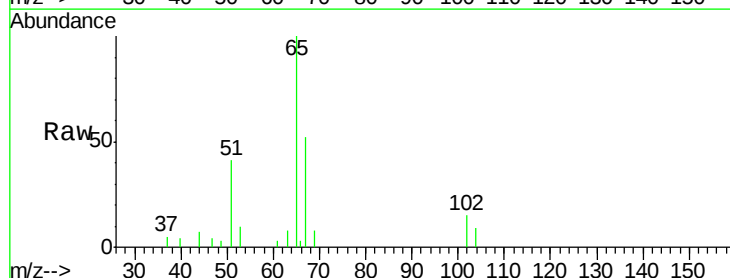
Acq: 8 Jun 2018 4:04

Tgt Ion: 65 Resp: 34348

Ion Ratio Lower Upper

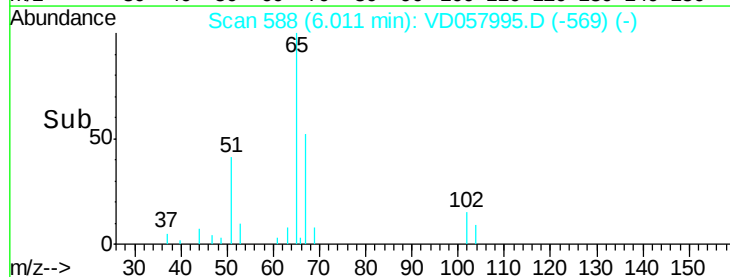
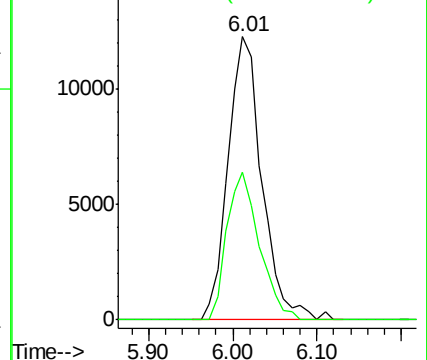
65 100

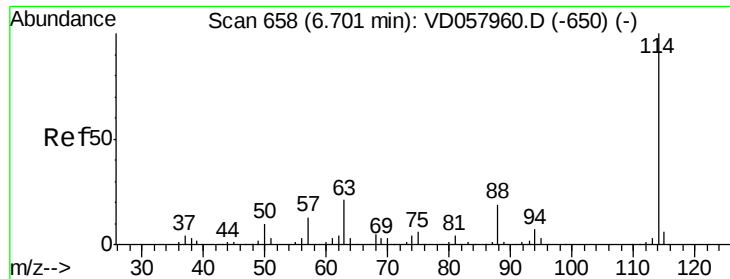
67 52.3 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

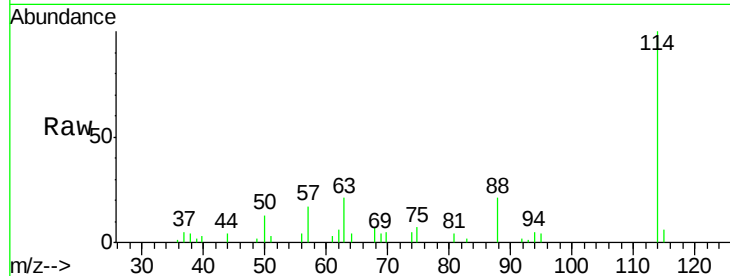




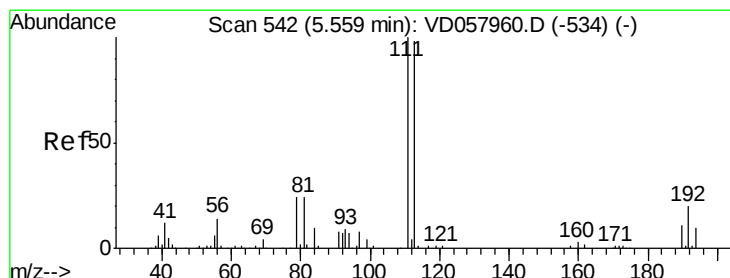
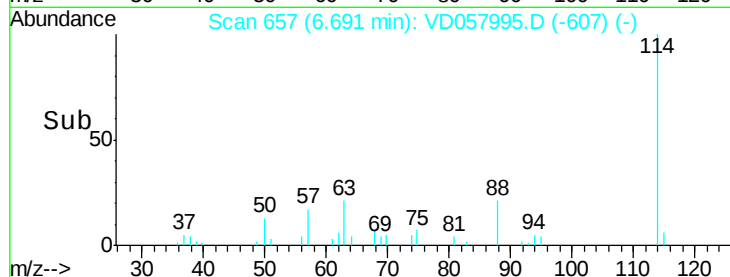
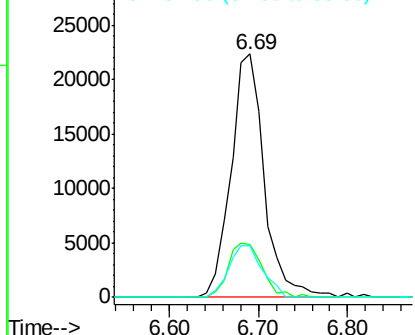
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VD057995.D
 Acq: 8 Jun 2018 4:04

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-31(0-5)RE

Tot Ion:114 Resp: 58214
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.8
 88 21.1 0.0 37.8

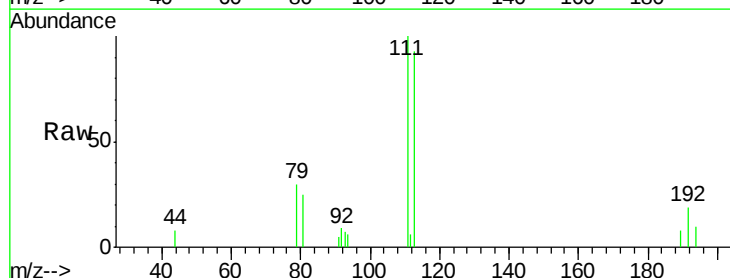


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

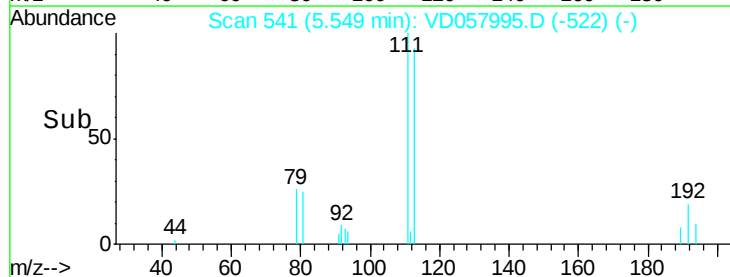
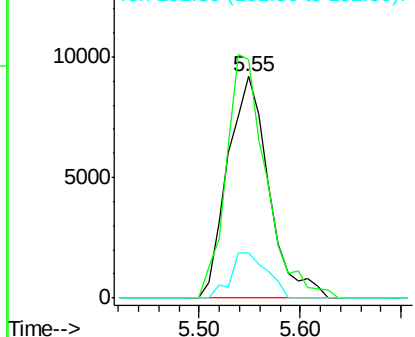


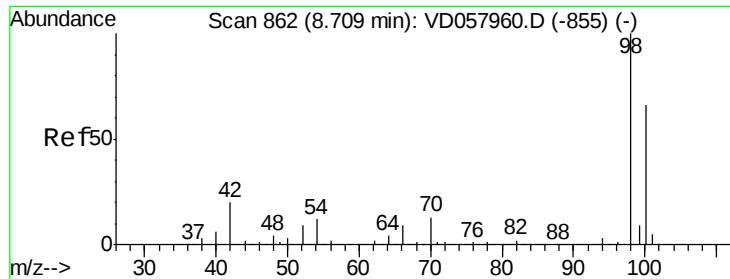
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.55 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: VD057995.D
 Acq: 8 Jun 2018 4:04

Tgt Ion:113 Resp: 26133
 Ion Ratio Lower Upper
 113 100
 111 107.9 81.5 122.3
 192 20.5 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

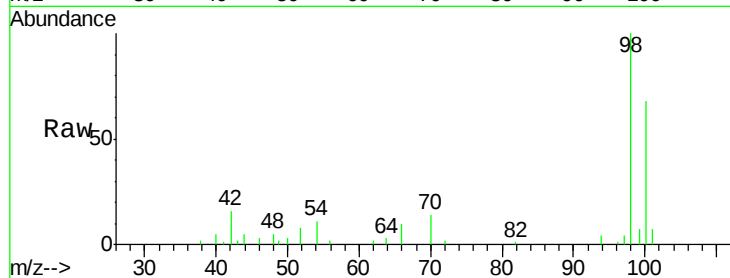




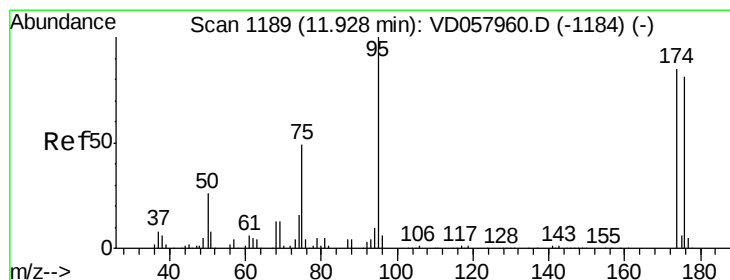
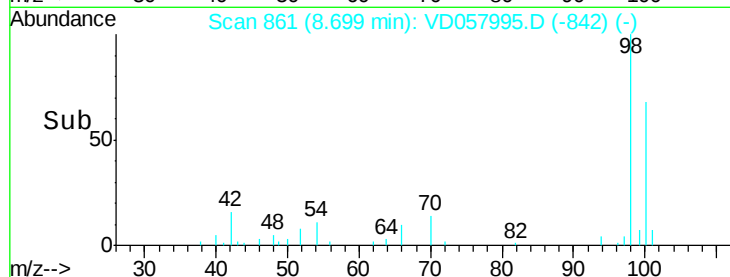
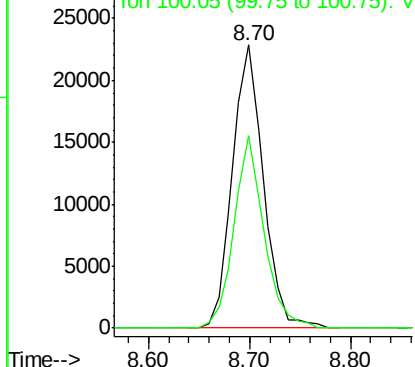
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD057995.D
Acq: 8 Jun 2018 4:04

Instrument :
MSVOA_D
ClientSampleId :
MH-31(0-5)RE

Tot Ion: 98 Resp: 48770
Ion Ratio Lower Upper
98 100
100 68.1 53.4 80.0

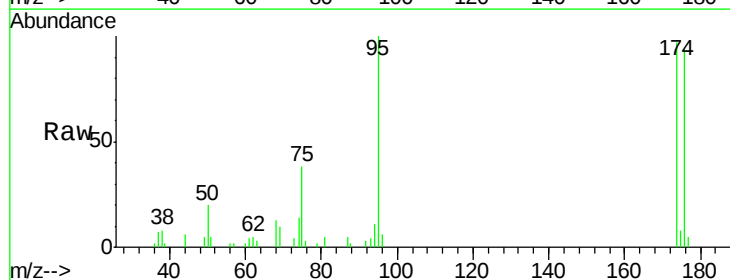


Abundance Ion 98.05 (97.75 to 98.75): VD057960.D (-855) (-)
Ion 100.05 (99.75 to 100.75): VD057960.D (-855) (-)

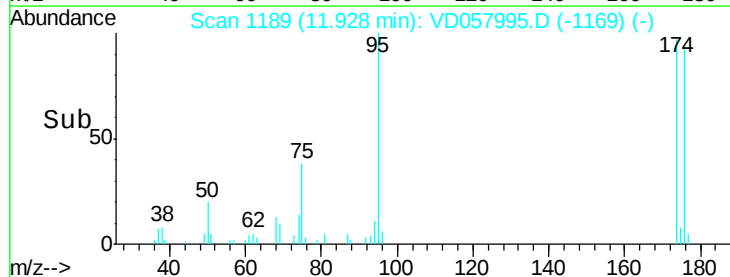
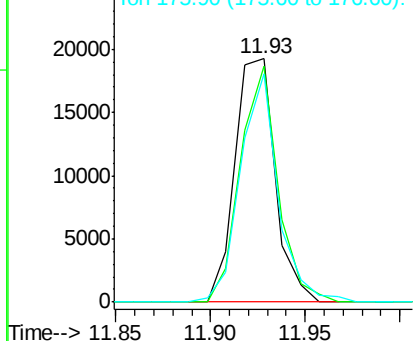


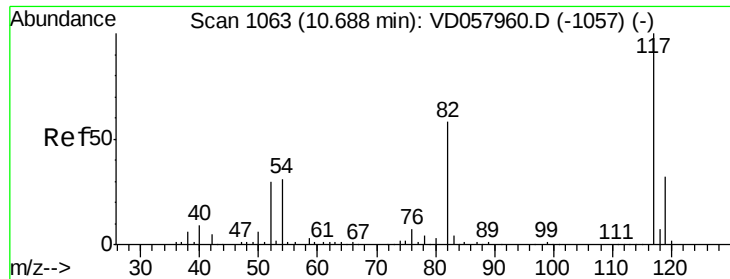
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VD057995.D
Acq: 8 Jun 2018 4:04

Tgt Ion: 95 Resp: 28289
Ion Ratio Lower Upper
95 100
174 97.1 0.0 169.4
176 93.8 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) (-)

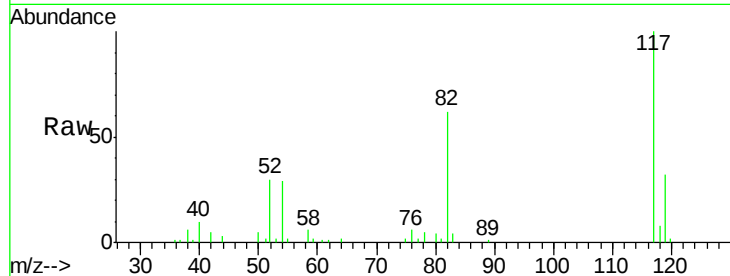




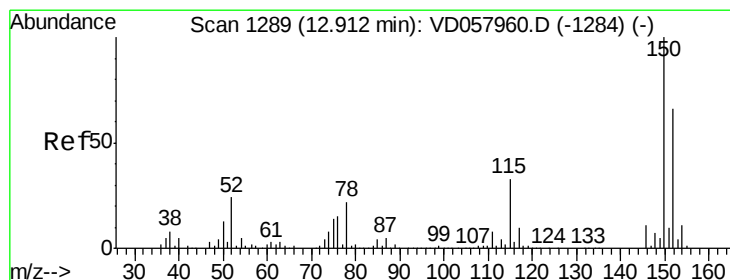
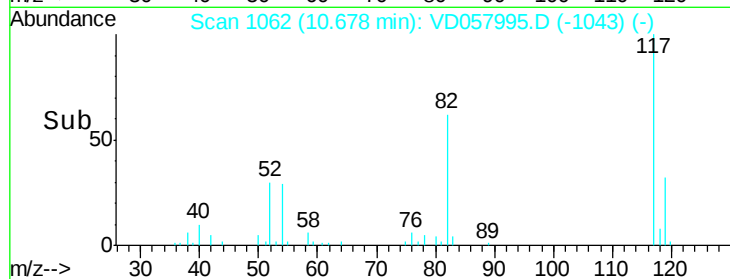
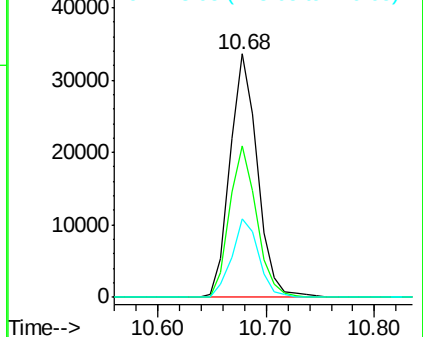
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD057995.D
Acq: 8 Jun 2018 4:04

Instrument :
MSVOA_D
ClientSampleId :
MH-31(0-5)RE

Tot Ion:117 Resp: 59425
Ion Ratio Lower Upper
117 100
82 62.3 46.8 70.2
119 32.4 25.8 38.6

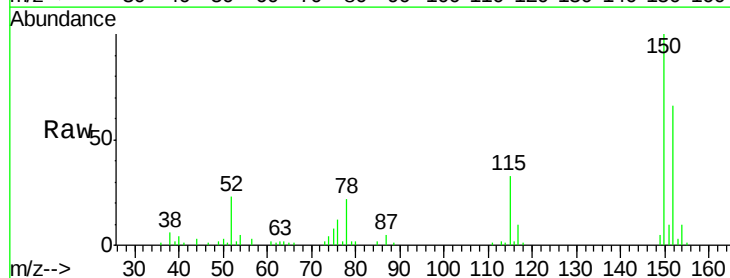


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD057995.D
Acq: 8 Jun 2018 4:04

Tgt Ion:152 Resp: 34161
Ion Ratio Lower Upper
152 100
115 50.1 25.6 76.6
150 151.8 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

