

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD060818\
 Data File : VD058049.D
 Acq On : 9 Jun 2018 7:47
 Operator : VA/AP
 Sample : J3347-02
 Misc : 6.27g/5ml/MSVOA D/SOIL
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-11(3.5)

Quant Time: Jun 12 11:52:45 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	37592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	61856	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	46371	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	17608	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	49586	131.94	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	263.88%	
35) Dibromofluoromethane	5.55	113	37757	78.89	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	157.78%	
50) Toluene-d8	8.70	98	44459	39.07	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	78.14%	
62) 4-Bromofluorobenzene	11.93	95	23153	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	

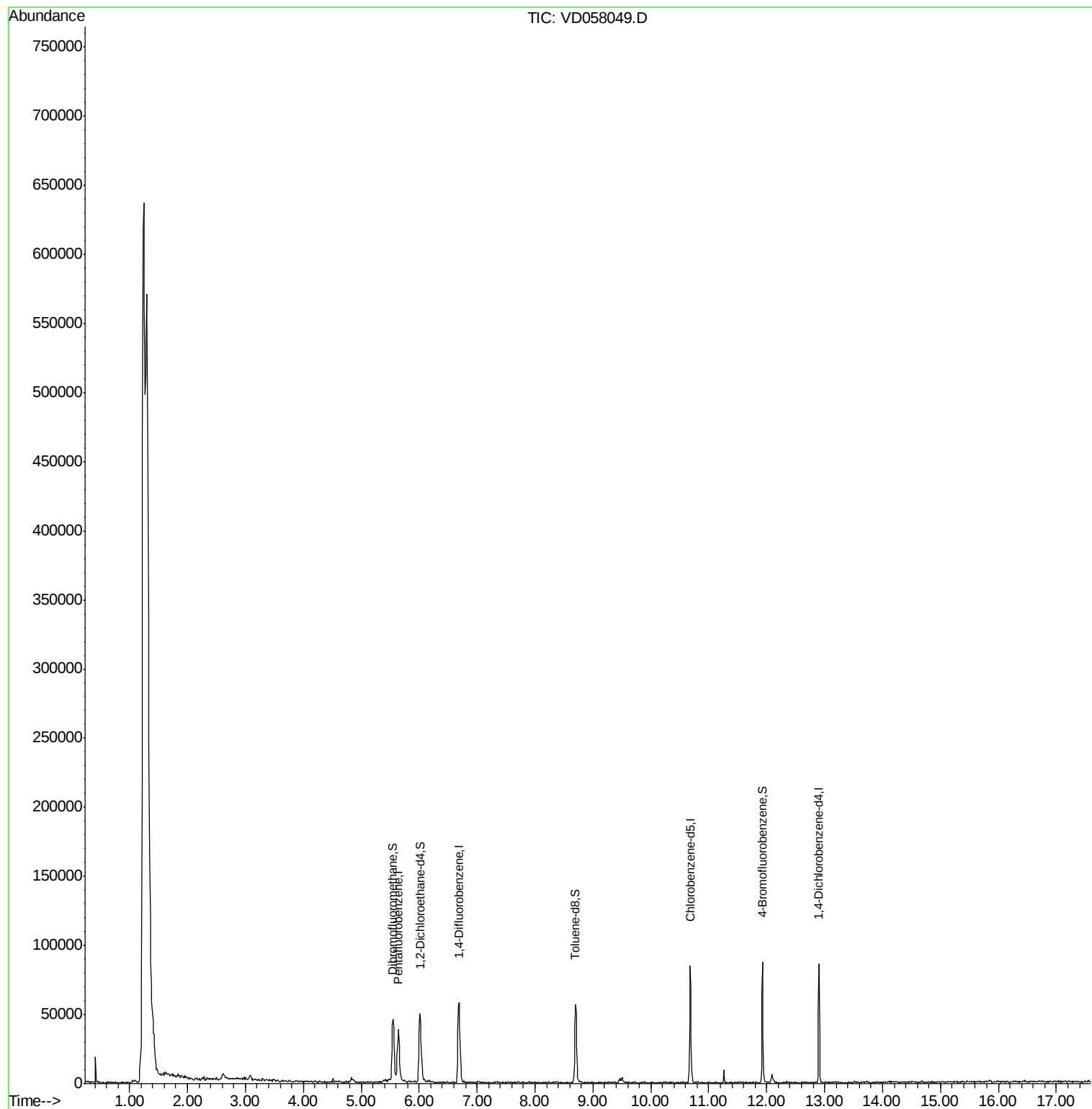
Target Compounds	Qvalue

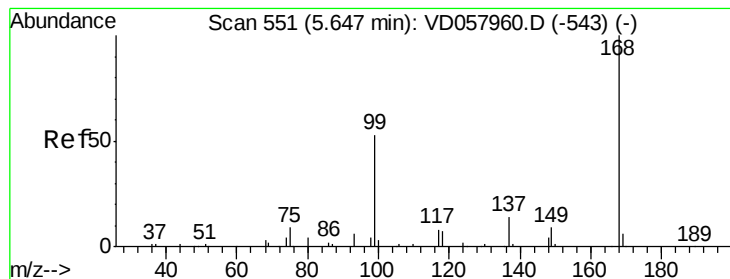
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 07 08:57:33 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 551

Delta R.T. -0.00 min

Lab File: VD058049.D

Acq: 9 Jun 2018 7:47

Instrument :

MSVOA_D

ClientSampleId :

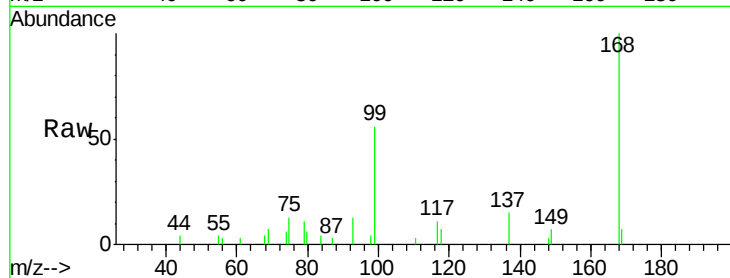
B-11(3.5)

Tot Ion:168 Resp: 37592

Ion Ratio Lower Upper

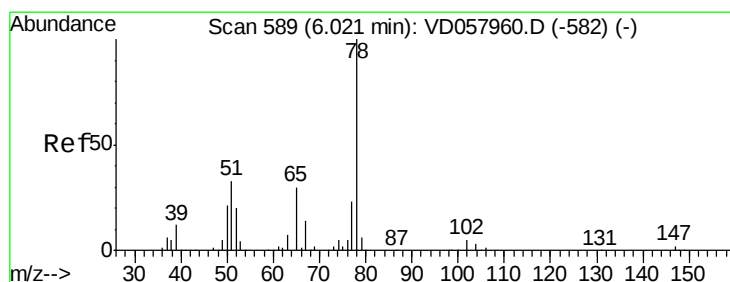
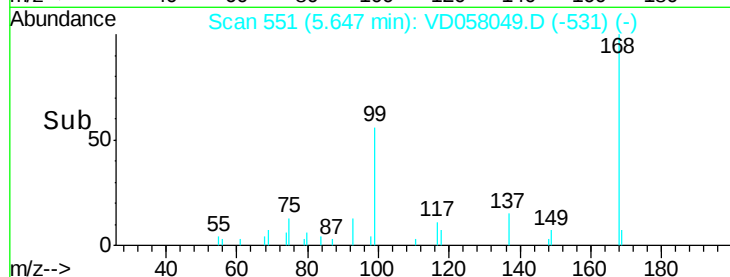
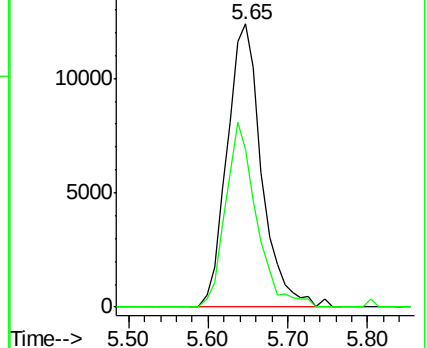
168 100

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



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD058049.D

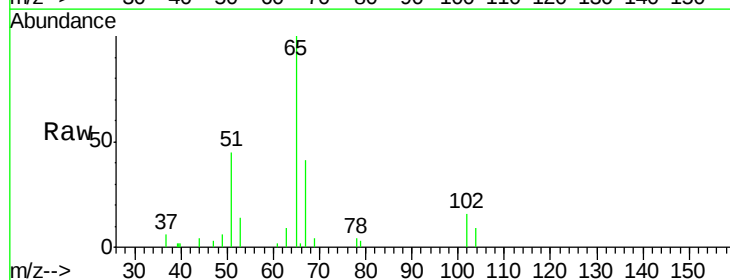
Acq: 9 Jun 2018 7:47

Tgt Ion: 65 Resp: 49586

Ion Ratio Lower Upper

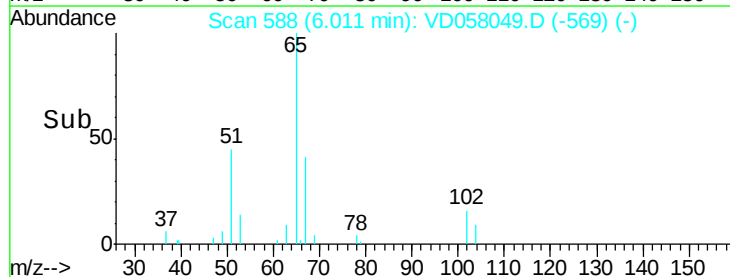
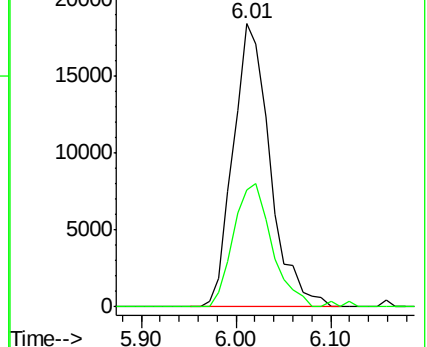
65 100

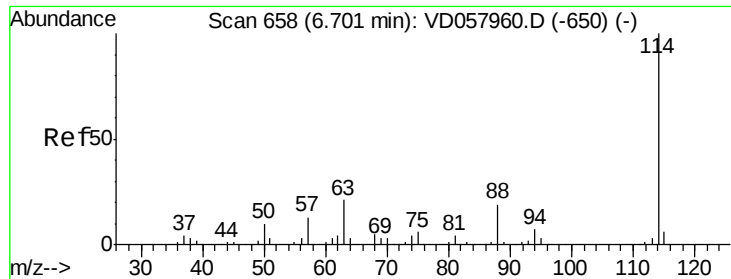
67 41.2 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

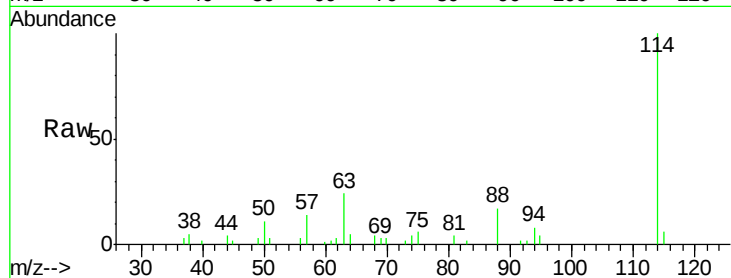




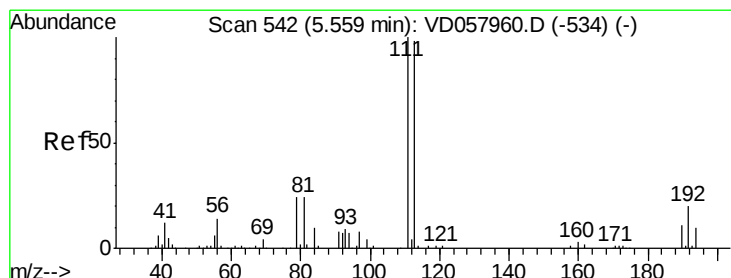
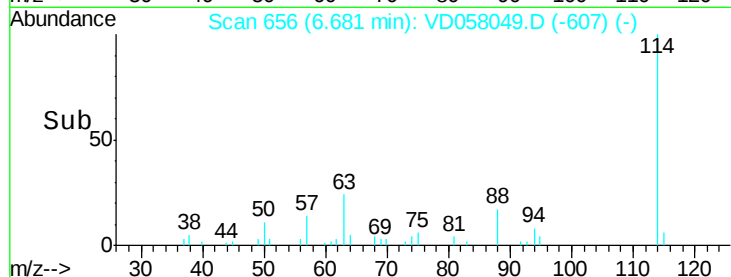
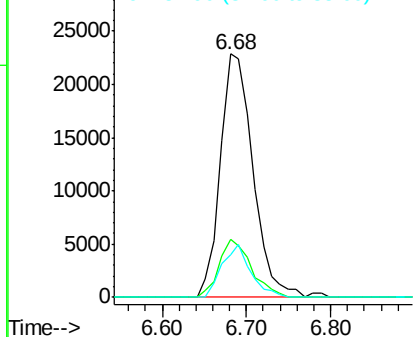
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. -0.02 min
 Lab File: VD058049.D
 Acq: 9 Jun 2018 7:47

Instrument :
 MSVOA_D
 ClientSampleId :
 B-11(3.5)

Tot Ion:114 Resp: 61856
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 42.8
 88 17.5 0.0 37.8

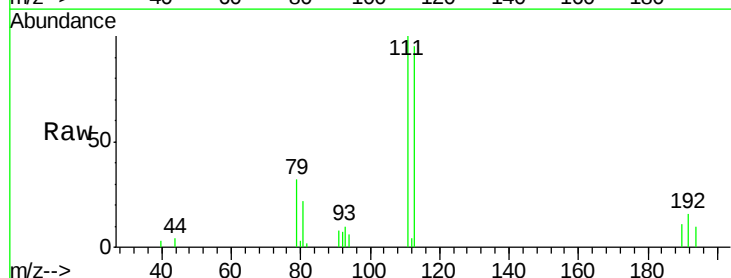


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

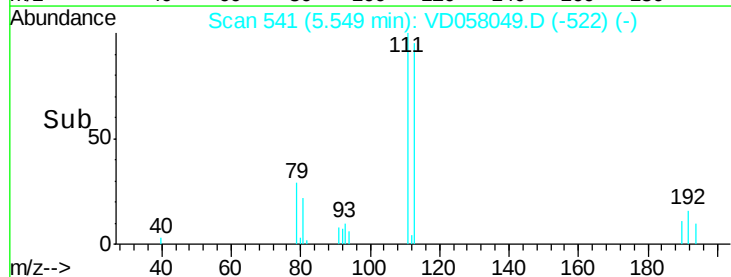
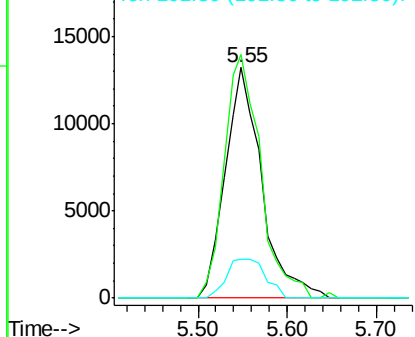


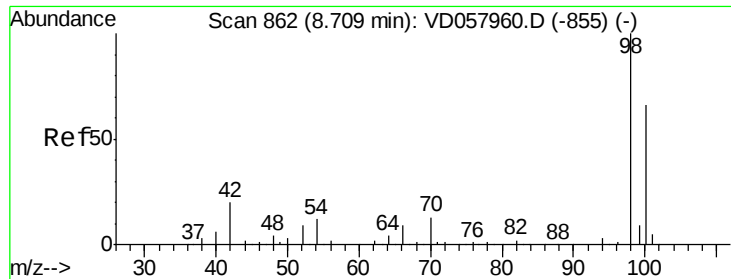
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.55 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: VD058049.D
 Acq: 9 Jun 2018 7:47

Tgt Ion:113 Resp: 37757
 Ion Ratio Lower Upper
 113 100
 111 105.7 81.5 122.3
 192 17.1 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

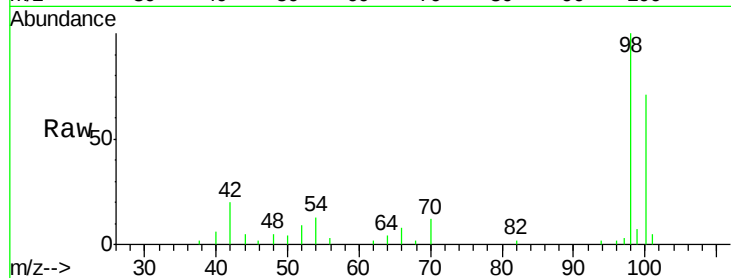




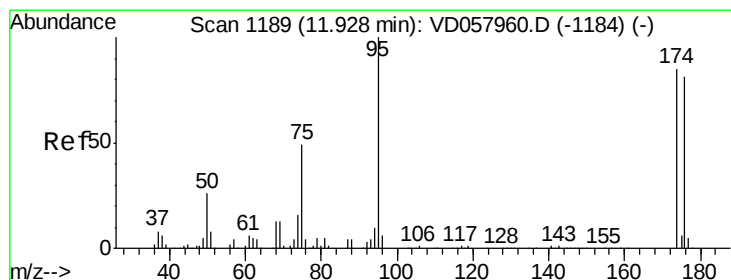
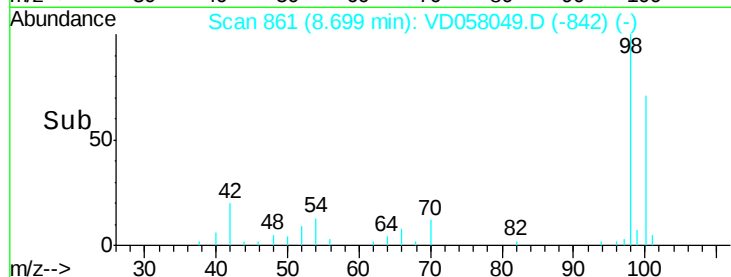
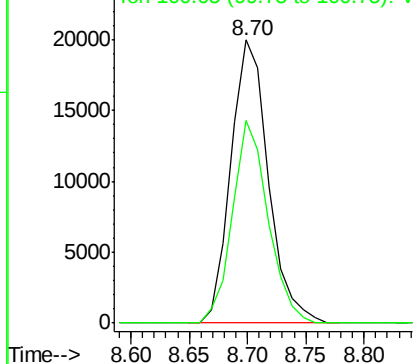
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD058049.D
Acq: 9 Jun 2018 7:47

Instrument :
MSVOA_D
ClientSampleId :
B-11(3.5)

Tot Ion: 98 Resp: 44459
Ion Ratio Lower Upper
98 100
100 71.4 53.4 80.0

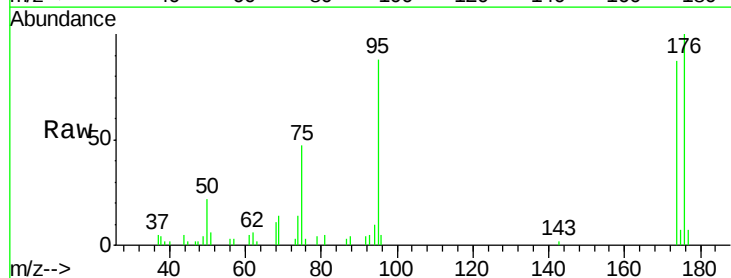


Abundance Ion 98.05 (97.75 to 98.75): VD057960.D (-855) (-)
Ion 100.05 (99.75 to 100.75): VD057960.D (-855) (-)

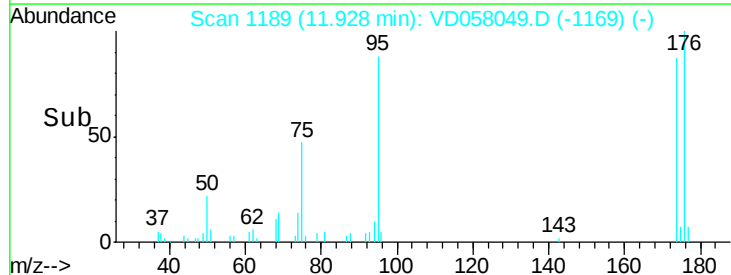
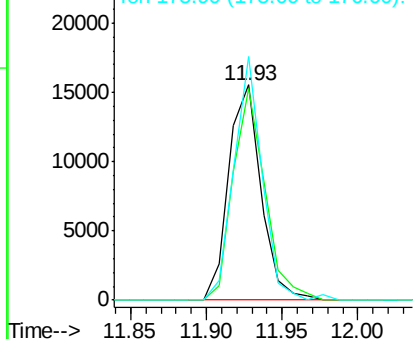


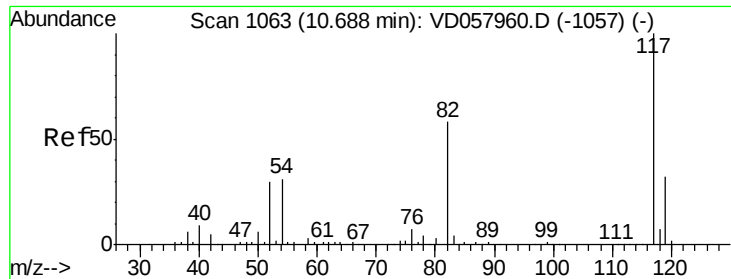
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VD058049.D
Acq: 9 Jun 2018 7:47

Tgt Ion: 95 Resp: 23153
Ion Ratio Lower Upper
95 100
174 98.7 0.0 169.4
176 113.2 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) (-)

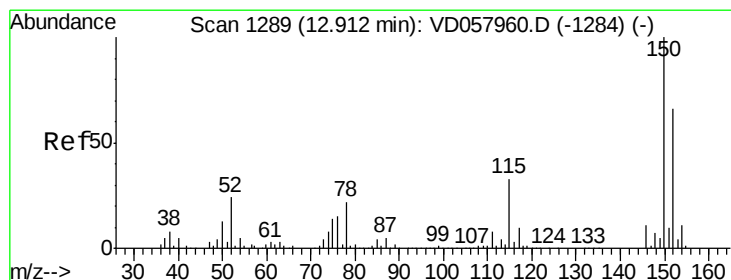
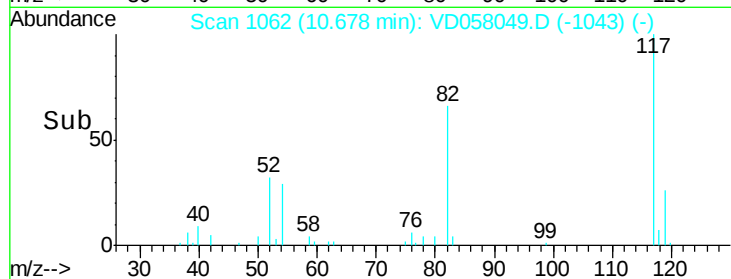
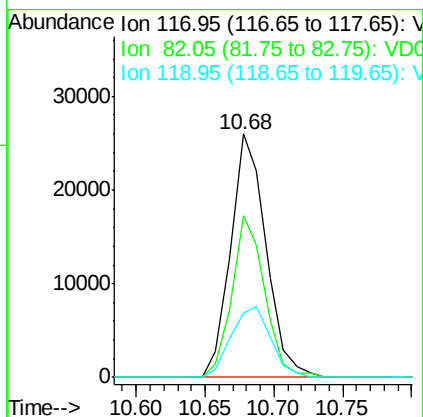
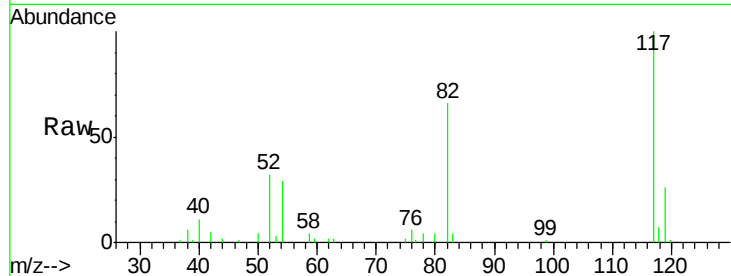




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD058049.D
Acq: 9 Jun 2018 7:47

Instrument :
MSVOA_D
ClientSampleId :
B-11(3.5)

Tot Ion:117 Resp: 46371
Ion Ratio Lower Upper
117 100
82 66.5 46.8 70.2
119 26.5 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: VD058049.D
Acq: 9 Jun 2018 7:47

Tgt Ion:152 Resp: 17608
Ion Ratio Lower Upper
152 100
115 53.4 25.6 76.6
150 170.5 0.0 306.8

