

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062618\
 Data File : VD059420.D
 Acq On : 26 Jun 2018 12:51
 Operator : VA/AP
 Sample : J3605-02
 Misc : 6.28g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-2(8.5-9)

Quant Time: Jun 26 13:48:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

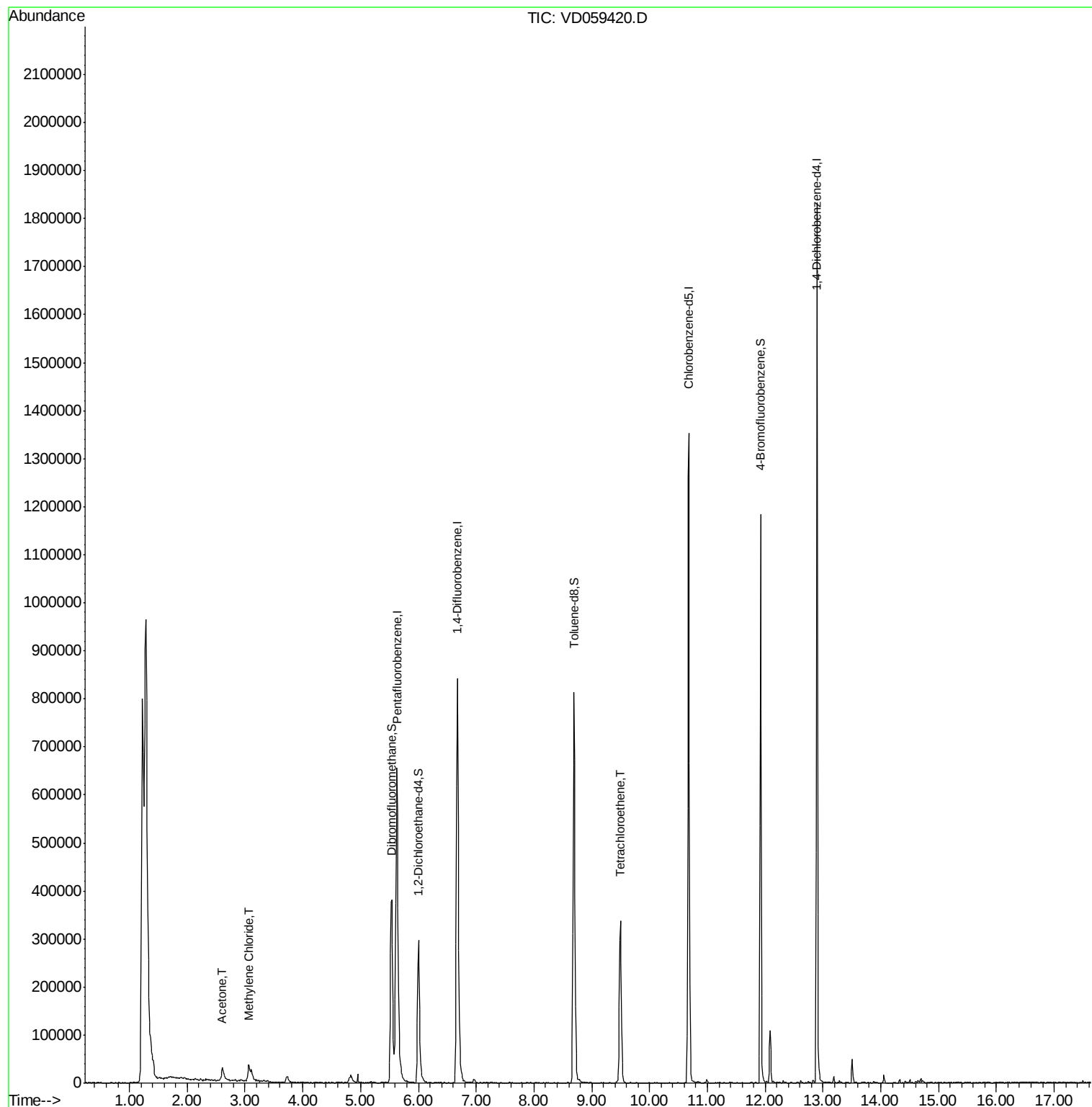
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	685834	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	6.67	114	920524	50.00	ug/l	-0.03
63) Chlorobenzene-d5	10.68	117	782260	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	416345	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	296873	42.33	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	84.66%	
35) Dibromofluoromethane	5.54	113	317728	42.38	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	84.76%	
50) Toluene-d8	8.69	98	669512	38.20	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	76.40%	
62) 4-Bromofluorobenzene	11.92	95	302831	41.53	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	83.06%	
Target Compounds						
16) Acetone	2.61	43	62961	71.13	ug/l	99
20) Methylene Chloride	3.07	84	18133	5.15	ug/l #	91
64) Tetrachloroethene	9.50	164	104433	15.22	ug/l	96

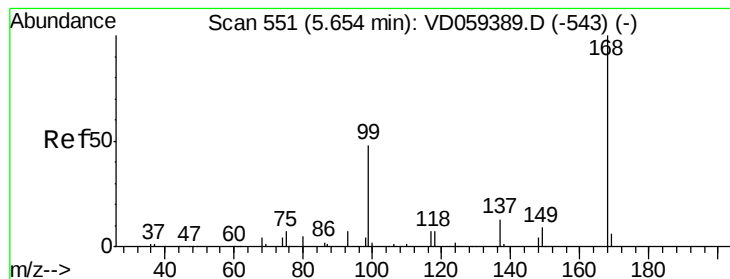
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062618\
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QLast Update : Mon Jun 25 07:29:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.03 min

Lab File: VD059420.D

Acq: 26 Jun 2018 12:51

Instrument :

MSVOA_D

ClientSampleId :

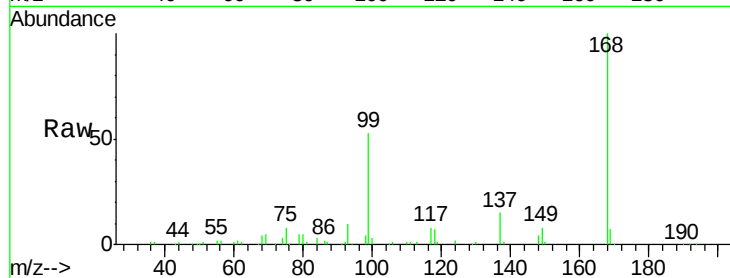
S-2(8.5-9)

Tot Ion:168 Resp: 685834

Ion Ratio Lower Upper

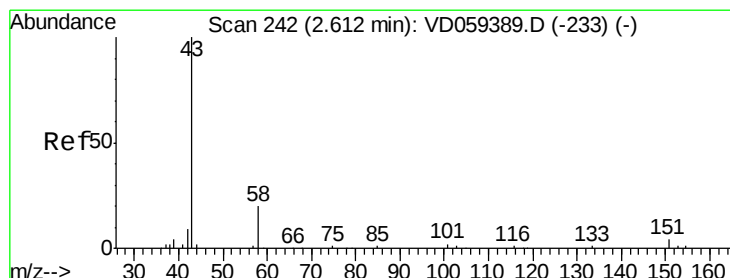
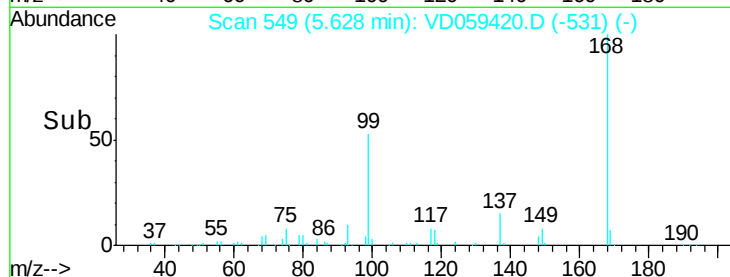
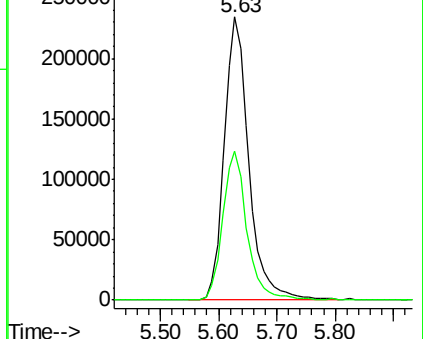
168 100

99 52.7 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 71.13 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD059420.D

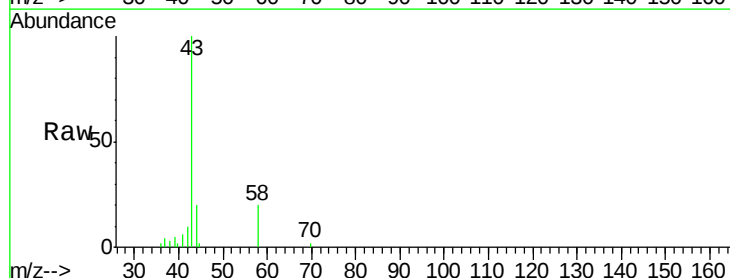
Acq: 26 Jun 2018 12:51

Tgt Ion: 43 Resp: 62961

Ion Ratio Lower Upper

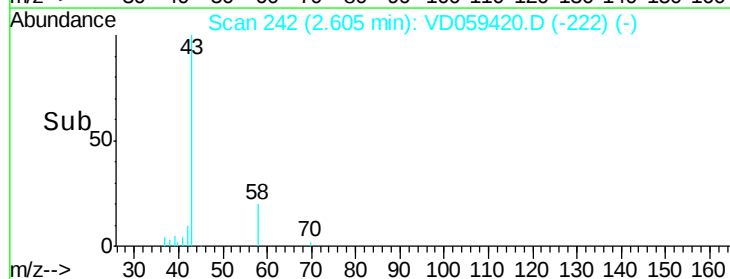
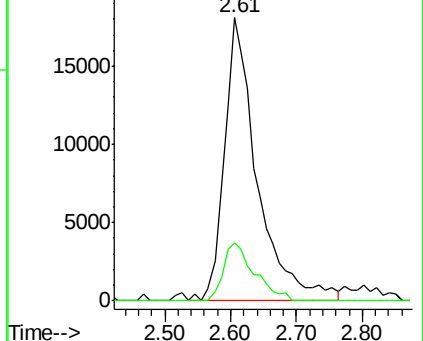
43 100

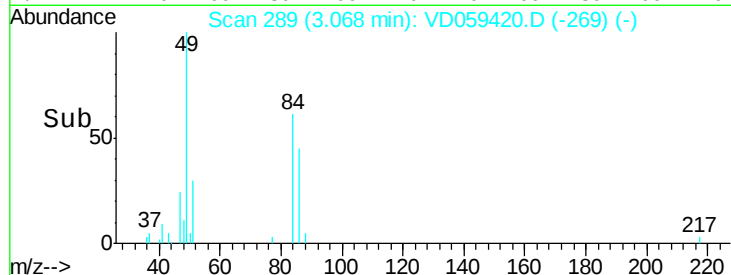
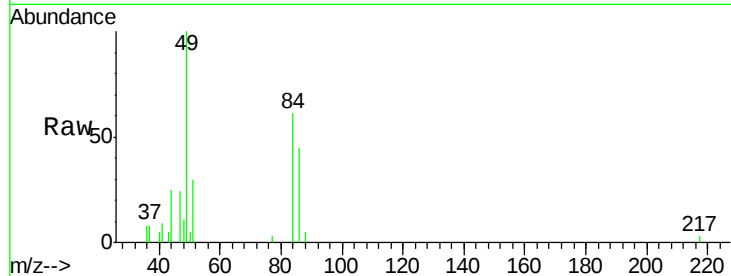
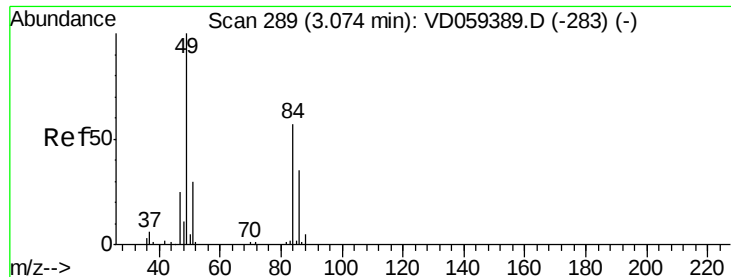
58 20.3 16.8 25.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

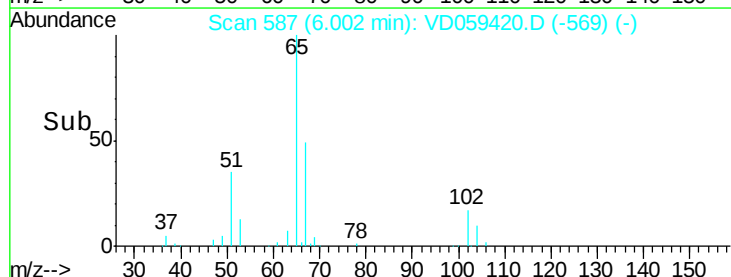
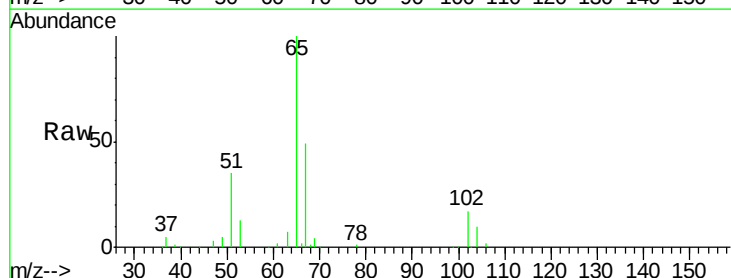
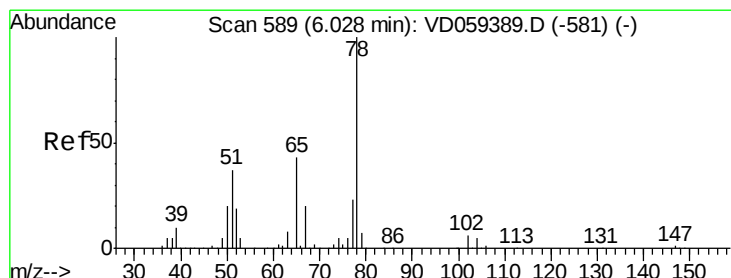
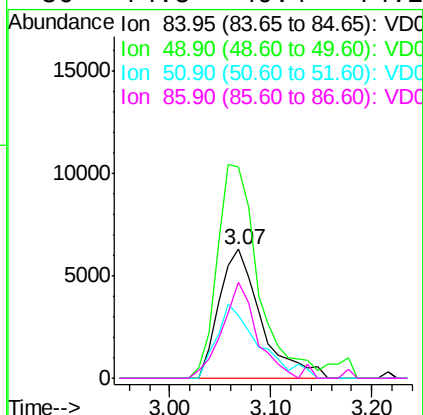




#20
Methvlene Chloride
Concen: 5.15 ug/l
RT: 3.07 min Scan# 289
Delta R.T. -0.01 min
Lab File: VD059420.D
Acq: 26 Jun 2018 12:51

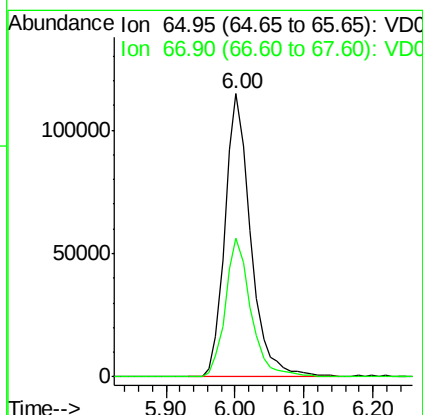
Instrument :
MSVOA_D
ClientSampleId :
S-2(8.5-9)

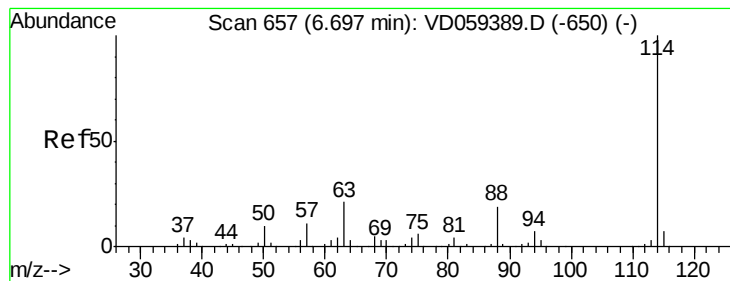
Tot Ion: 84 Resp: 18133
Ion Ratio Lower Upper
84 100
49 164.5 140.3 210.5
51 49.0 41.6 62.4
86 74.5 49.4 74.2#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.00 min Scan# 587
Delta R.T. -0.03 min
Lab File: VD059420.D
Acq: 26 Jun 2018 12:51

Tgt Ion: 65 Resp: 296873
Ion Ratio Lower Upper
65 100
67 48.9 0.0 93.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.67 min Scan# 655

Delta R.T. -0.03 min

Lab File: VD059420.D

Acq: 26 Jun 2018 12:51

Instrument :

MSVOA_D

ClientSampleId :

S-2(8.5-9)

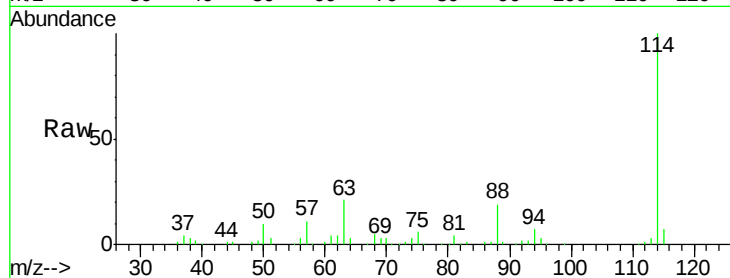
Tot Ion:114 Resp: 920524

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.4

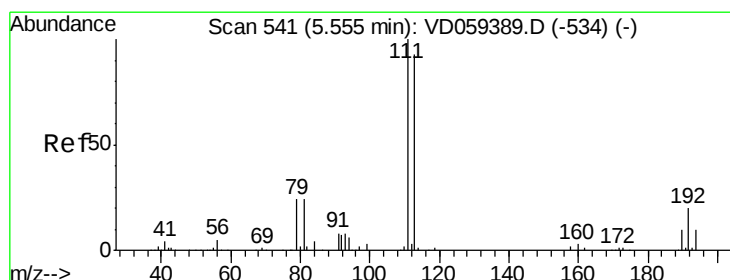
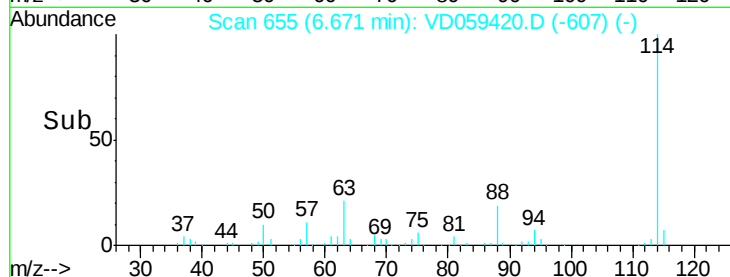
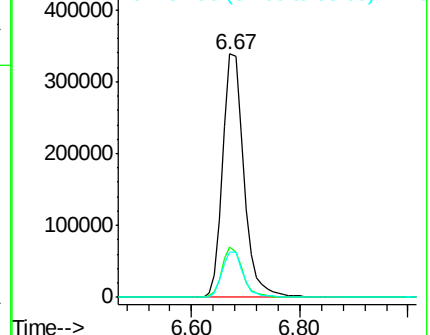
88 18.8 0.0 38.0



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: VD059420.D

Acq: 26 Jun 2018 12:51

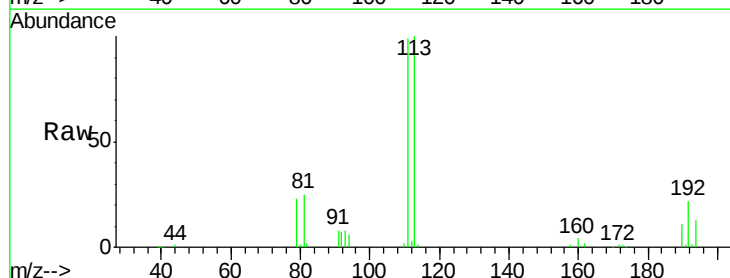
Tgt Ion:113 Resp: 317728

Ion Ratio Lower Upper

113 100

111 99.4 85.7 128.5

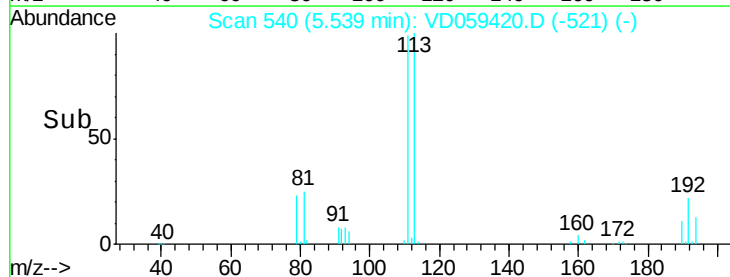
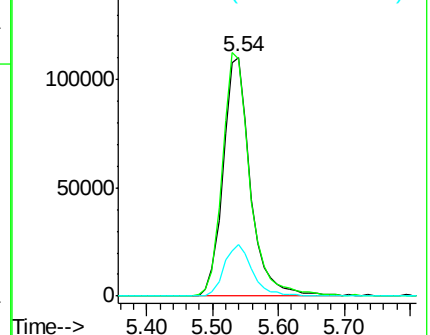
192 21.5 16.9 25.3

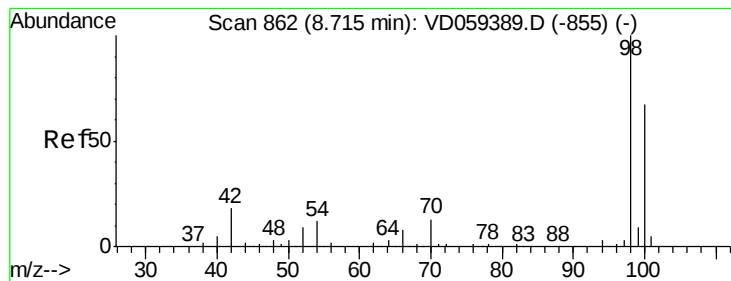


Abundance Ion 112.90 (112.60 to 113.60): V

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: 8.69 min Scan# 860

Delta R.T. -0.03 min

Lab File: VD059420.D

Acq: 26 Jun 2018 12:51

Instrument :

MSVOA_D

ClientSampleId :

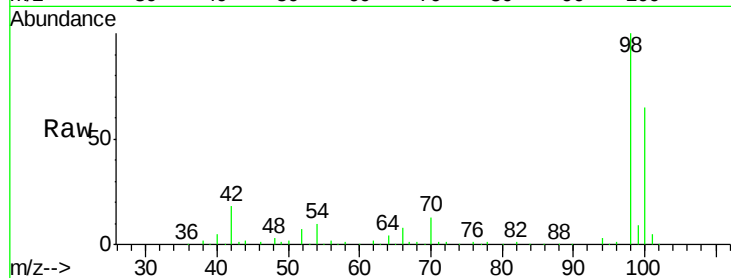
S-2(8.5-9)

Tot Ion: 98 Resp: 669512

Ion Ratio Lower Upper

98 100

100 65.2 54.4 81.6



Abundance Ion 98.05 (97.75 to 98.75): VD059389.D (-855) (-)

Ion 100.05 (99.75 to 100.75): VD059389.D (-855) (-)

8.69

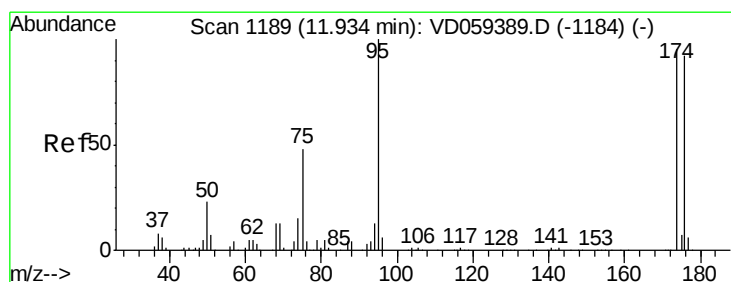
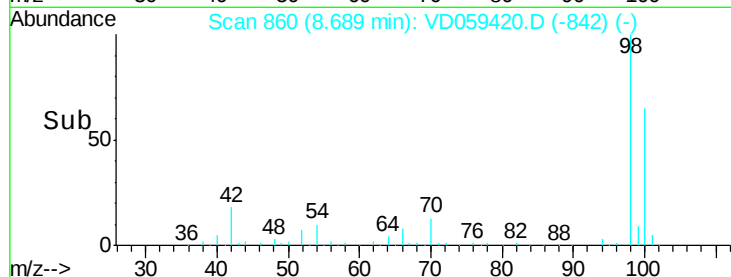
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1188

Delta R.T. -0.02 min

Lab File: VD059420.D

Acq: 26 Jun 2018 12:51

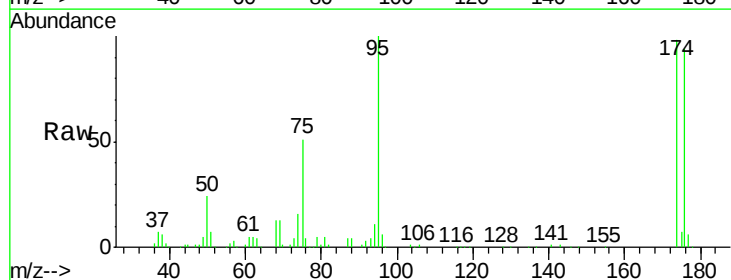
Tgt Ion: 95 Resp: 302831

Ion Ratio Lower Upper

95 100

174 97.5 0.0 190.4

176 94.2 0.0 183.2



Abundance Ion 95.00 (94.70 to 95.70): VD059389.D (-1184) (-)

Ion 173.90 (173.60 to 174.60): VD059389.D (-1184) (-)

Ion 175.90 (175.60 to 176.60): VD059389.D (-1184) (-)

11.92

300000

250000

200000

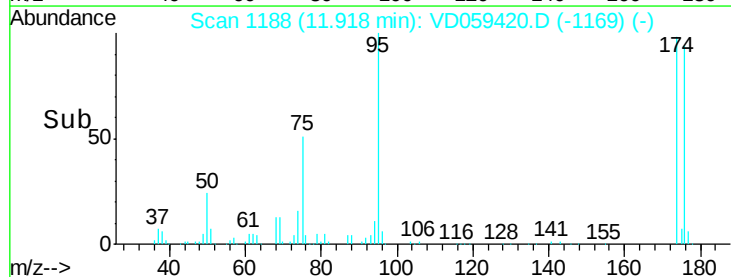
150000

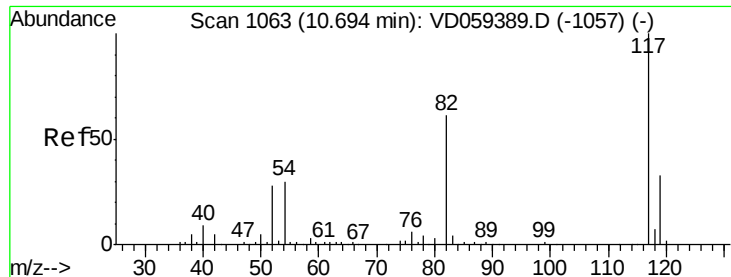
100000

50000

0

Time-->

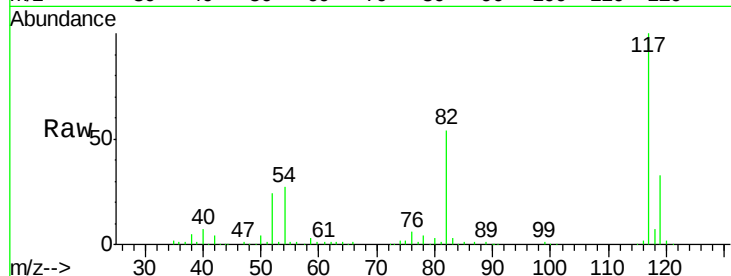




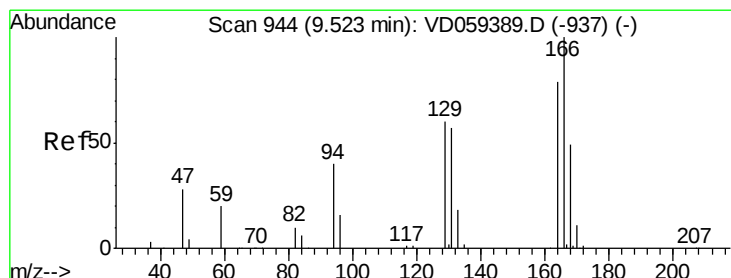
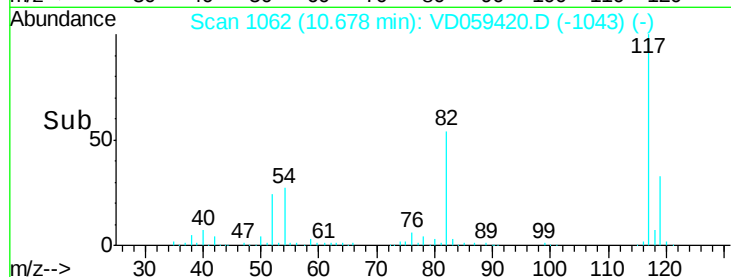
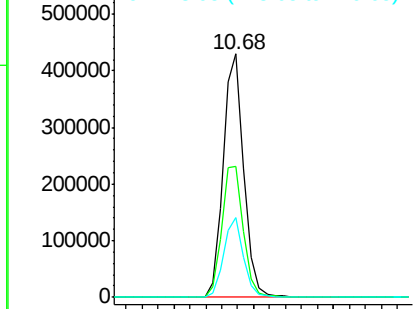
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.02 min
Lab File: VD059420.D
Acq: 26 Jun 2018 12:51

Instrument :
MSVOA_D
ClientSampled :
S-2(8.5-9)

Tot Ion:117 Resp: 782260
Ion Ratio Lower Upper
117 100
82 53.5 49.0 73.6
119 32.6 26.2 39.4

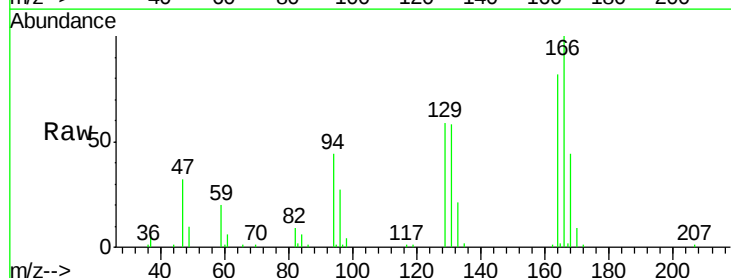


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

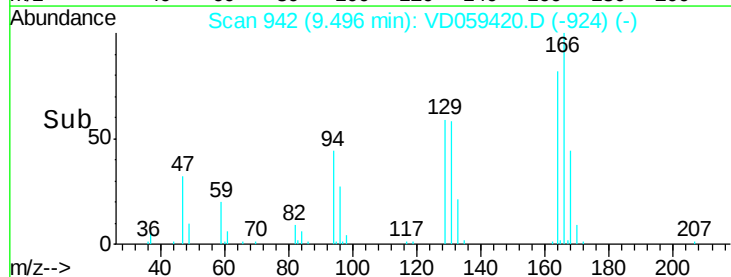
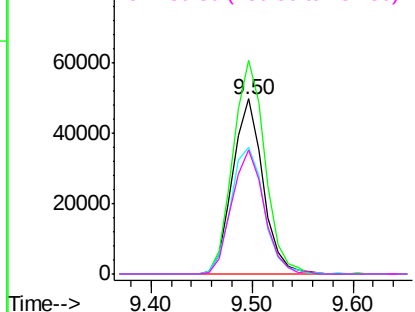


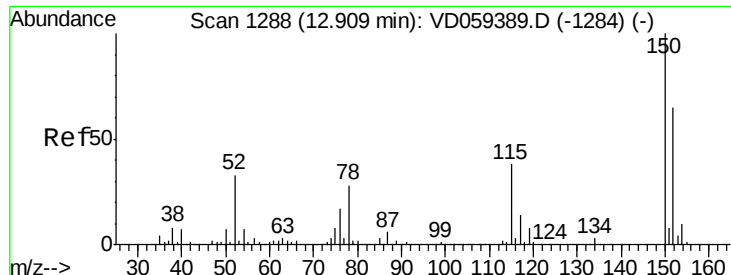
#64
Tetrachloroethene
Concen: 15.22 ug/l
RT: 9.50 min Scan# 942
Delta R.T. -0.03 min
Lab File: VD059420.D
Acq: 26 Jun 2018 12:51

Tgt Ion:164 Resp: 104433
Ion Ratio Lower Upper
164 100
166 122.1 101.4 152.2
129 72.3 60.9 91.3
131 71.0 58.2 87.4



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.90 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD059420.D

Acq: 26 Jun 2018 12:51

Instrument :

MSVOA_D

ClientSampleId :

S-2(8.5-9)

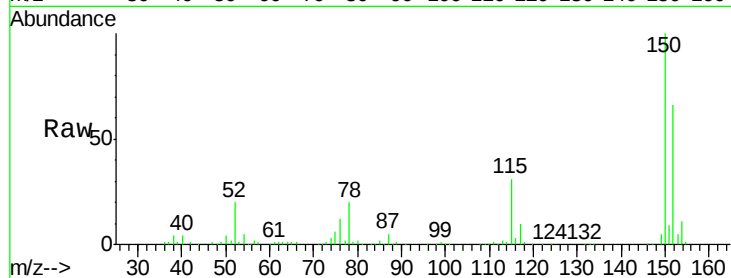
Tot Ion:152 Resp: 416345

Ion Ratio Lower Upper

152 100

115 46.8 29.4 88.3

150 151.6 0.0 308.2



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

