

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062618\
 Data File : VD059421.D
 Acq On : 26 Jun 2018 13:20
 Operator : VA/AP
 Sample : J3605-06
 Misc : 6.63g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-5(6.5-7)

Quant Time: Jun 26 13:52:37 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

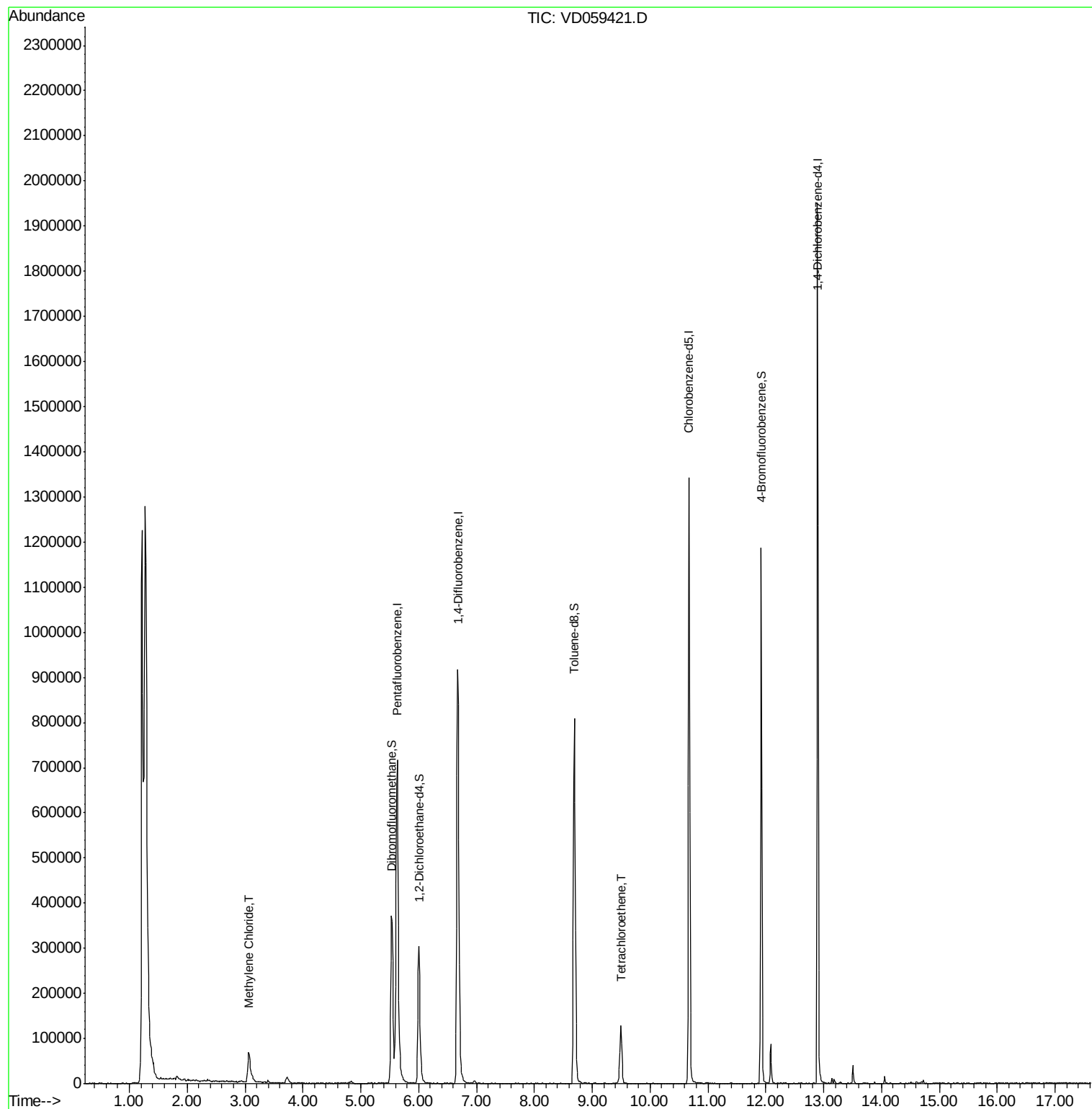
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	739082	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.67	114	974405	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	779092	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	407893	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	298941	39.55	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	79.10%	
35) Dibromofluoromethane	5.53	113	313300	39.47	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	78.94%	
50) Toluene-d8	8.69	98	645785	34.81	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	69.62%	
62) 4-Bromofluorobenzene	11.92	95	302188	39.15	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	78.30%	
Target Compounds						
20) Methylene Chloride	3.07	84	34609	11.14	ug/l	93
64) Tetrachloroethene	9.50	164	40306	5.90	ug/l	92

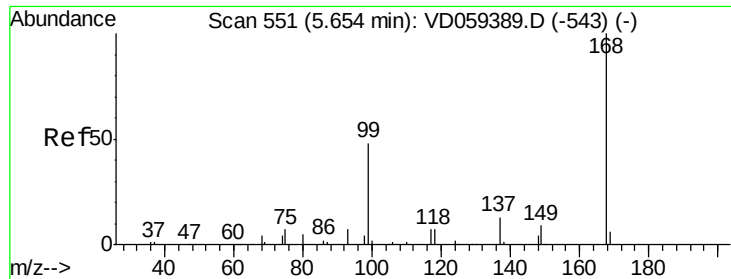
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.02 min

Lab File: VD059421.D

Acq: 26 Jun 2018 13:20

Instrument :

MSVOA_D

ClientSampleId :

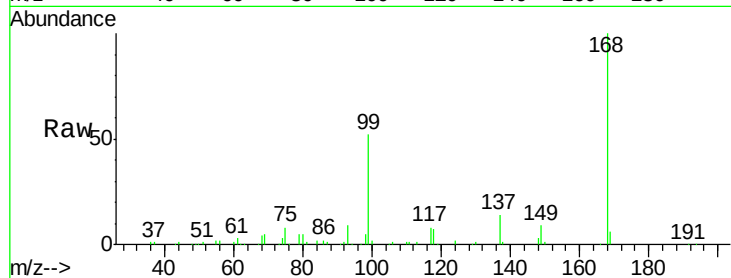
S-5(6.5-7)

Tot Ion:168 Resp: 739082

Ion Ratio Lower Upper

168 100

99 52.3 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.63

250000

200000

150000

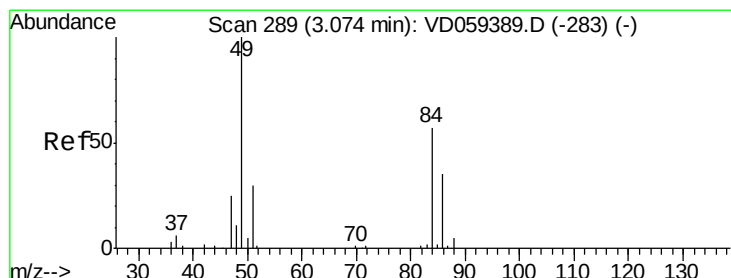
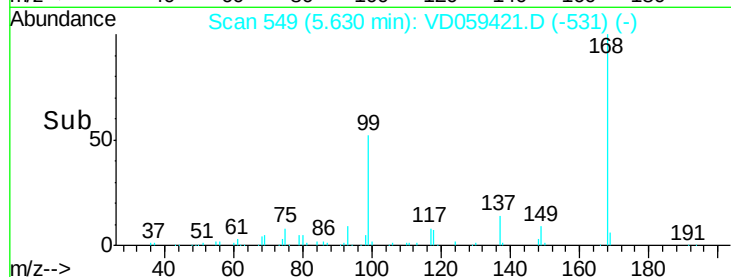
100000

50000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#20

Methylene Chloride

Concen: 11.14 ug/l

RT: 3.07 min Scan# 289

Delta R.T. -0.00 min

Lab File: VD059421.D

Acq: 26 Jun 2018 13:20

Tgt Ion: 84 Resp: 34609

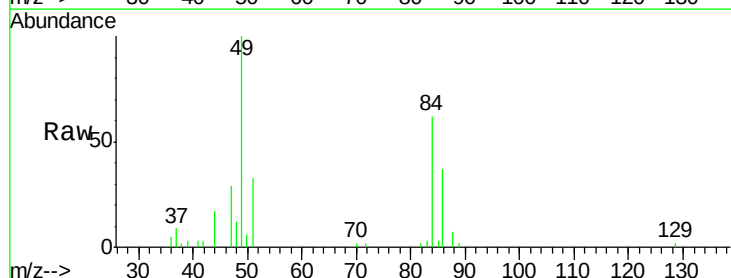
Ion Ratio Lower Upper

84 100

49 161.0 140.3 210.5

51 52.4 41.6 62.4

86 60.1 49.4 74.2



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

30000

25000

20000

15000

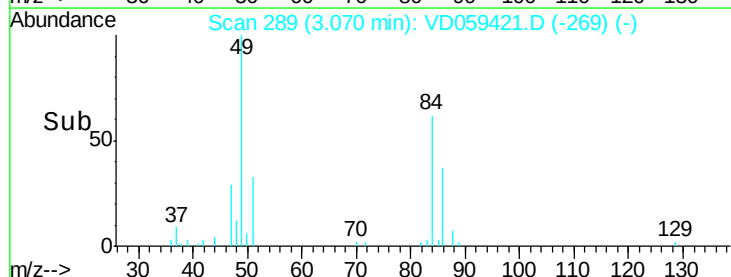
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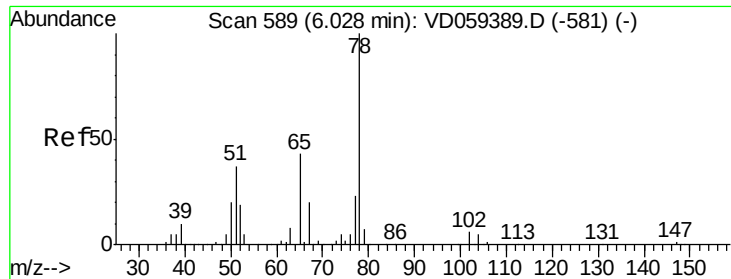
5000

0

3.00 3.10 3.20

Time-->

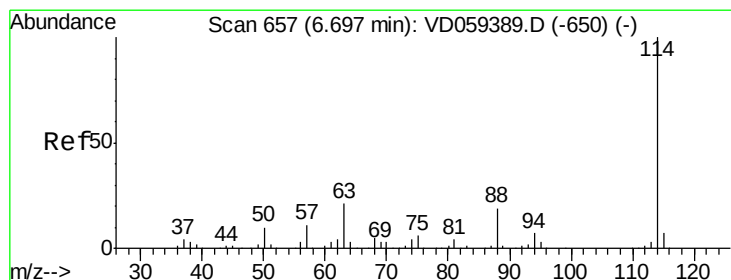
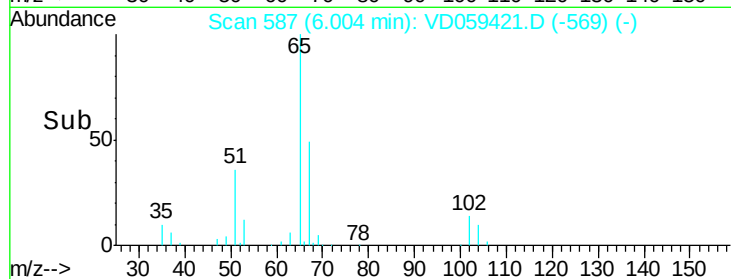
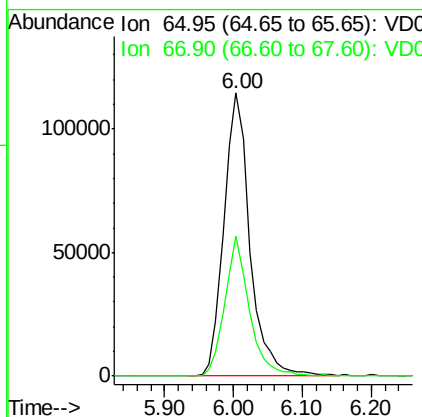
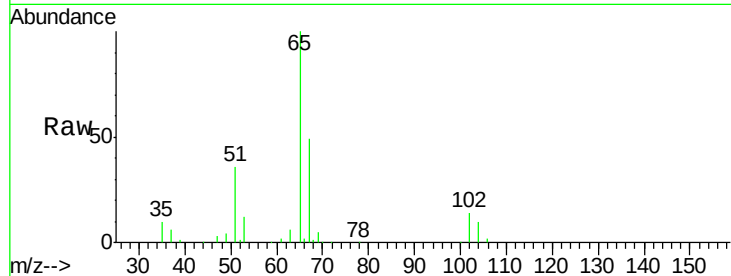




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.00 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: VD059421.D
 Acq: 26 Jun 2018 13:20

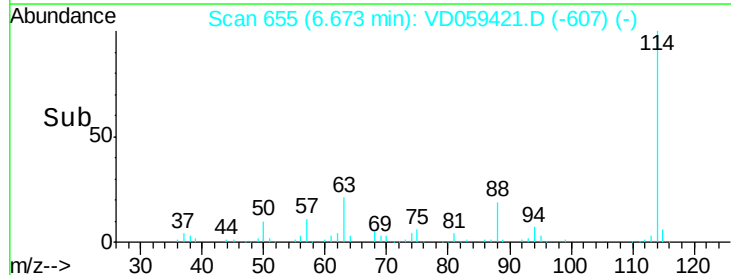
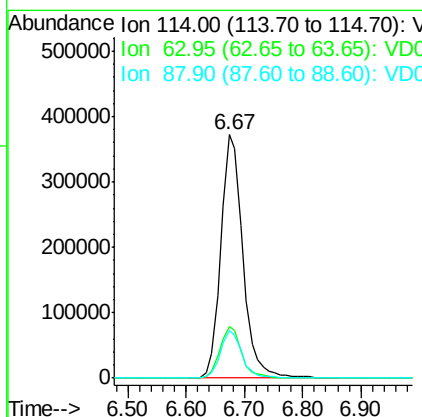
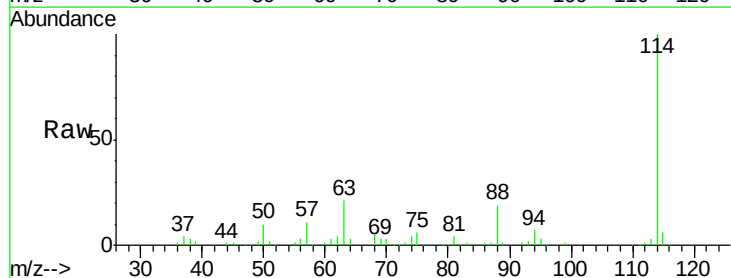
Instrument :
 MSVOA_D
 ClientSampleId :
 S-5(6.5-7)

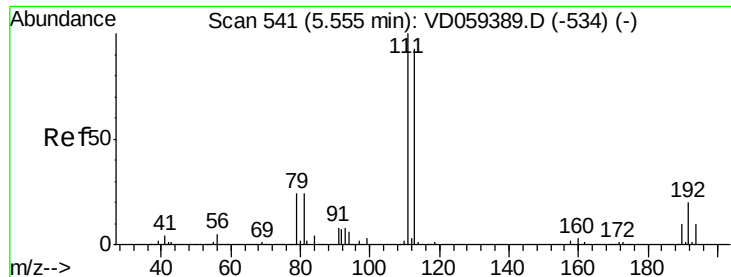
Tot Ion: 65 Resp: 298941
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 93.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.67 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: VD059421.D
 Acq: 26 Jun 2018 13:20

Tgt Ion: 114 Resp: 974405
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.4
 88 19.5 0.0 38.0

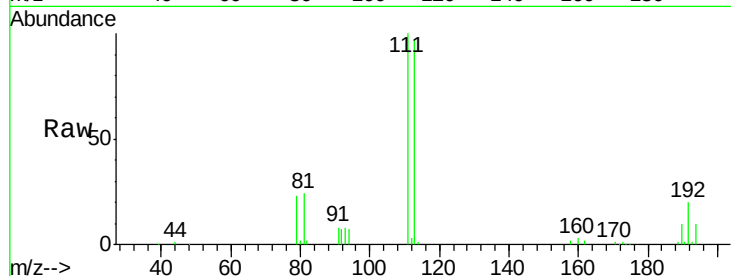




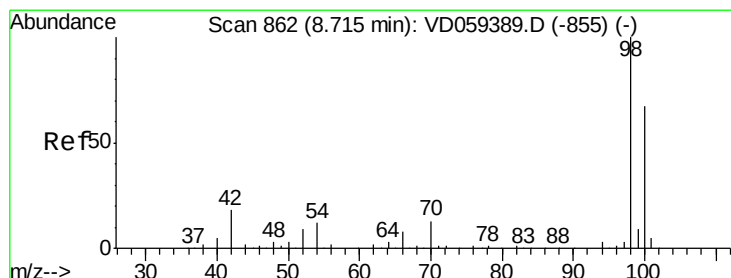
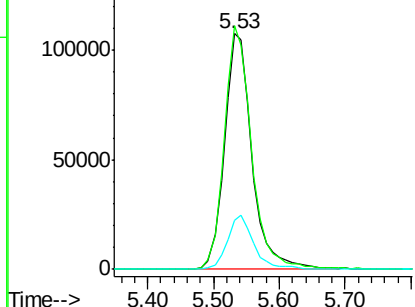
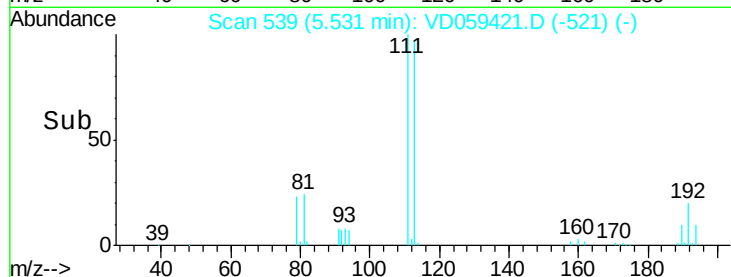
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.53 min Scan# 539
Delta R.T. -0.02 min
Lab File: VD059421.D
Acq: 26 Jun 2018 13:20

Instrument :
MSVOA_D
ClientSampled :
S-5(6.5-7)

Tot Ion:113 Resp: 313300
Ion Ratio Lower Upper
113 100
111 103.2 85.7 128.5
192 20.9 16.9 25.3

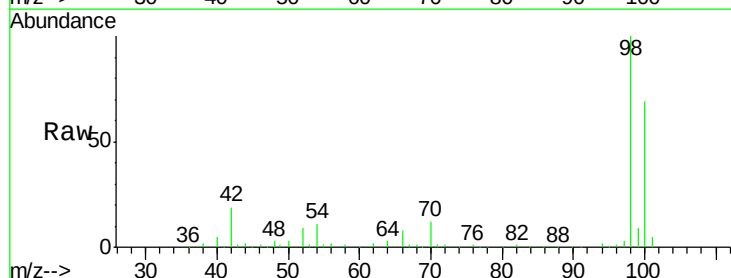


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

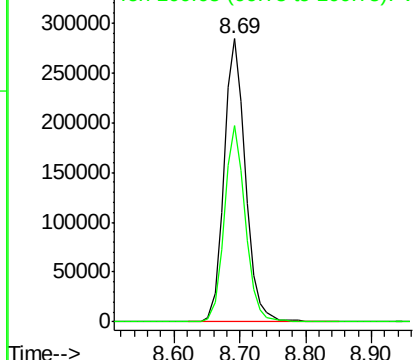
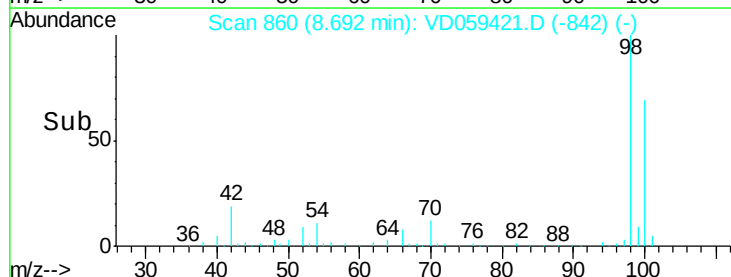


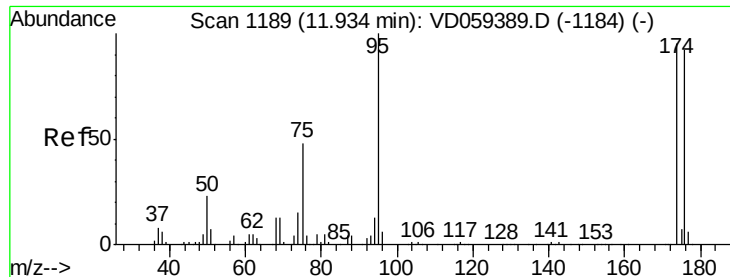
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 860
Delta R.T. -0.02 min
Lab File: VD059421.D
Acq: 26 Jun 2018 13:20

Tgt Ion: 98 Resp: 645785
Ion Ratio Lower Upper
98 100
100 69.2 54.4 81.6



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

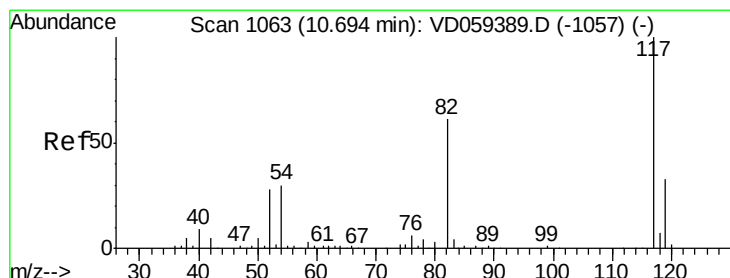
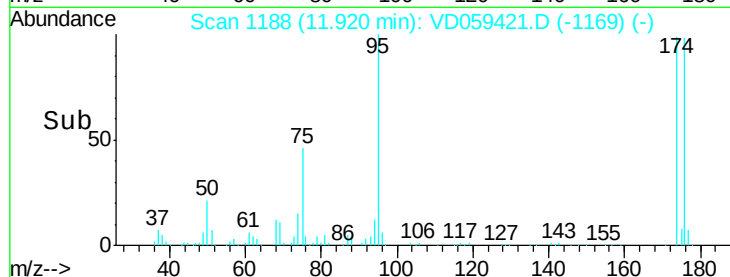
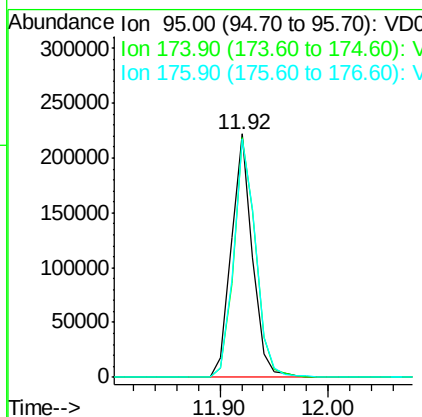
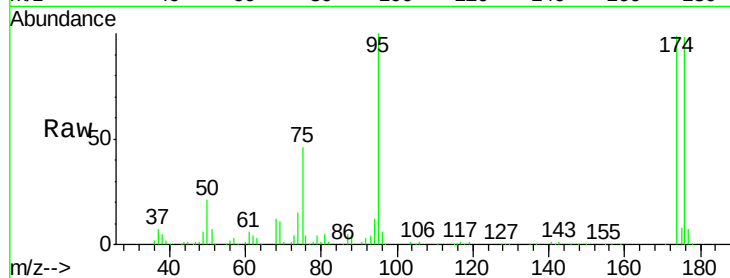




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VD059421.D
Acq: 26 Jun 2018 13:20

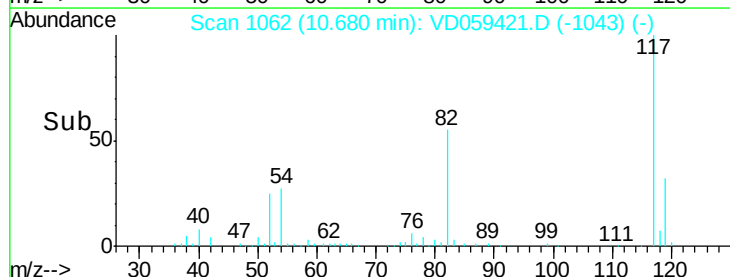
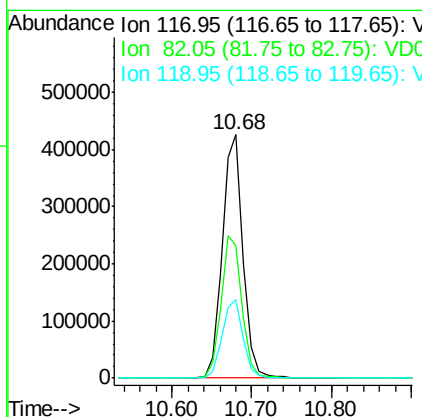
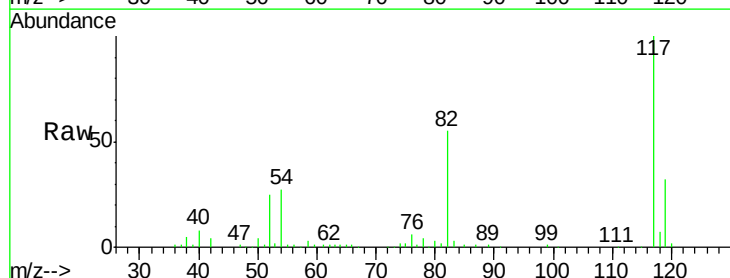
Instrument :
MSVOA_D
ClientSampleId :
S-5(6.5-7)

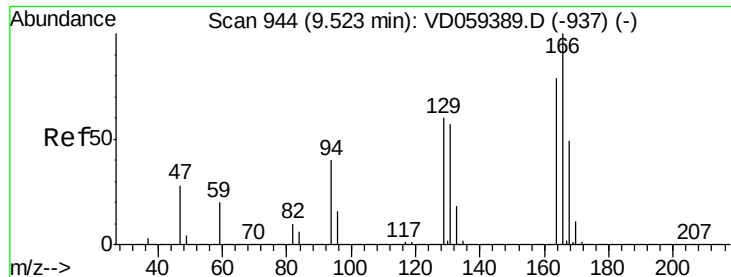
Tot Ion: 95 Resp: 302188
Ion Ratio Lower Upper
95 100
174 98.6 0.0 190.4
176 98.1 0.0 183.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD059421.D
Acq: 26 Jun 2018 13:20

Tgt Ion: 117 Resp: 779092
Ion Ratio Lower Upper
117 100
82 54.5 49.0 73.6
119 32.2 26.2 39.4





#64

Tetrachloroethene

Concen: 5.90 ug/l

RT: 9.50 min Scan# 942

Delta R.T. -0.02 min

Lab File: VD059421.D

Acq: 26 Jun 2018 13:20

Instrument :

MSVOA_D

ClientSampleId :

S-5(6.5-7)

Tot Ion:164 Resp: 40306

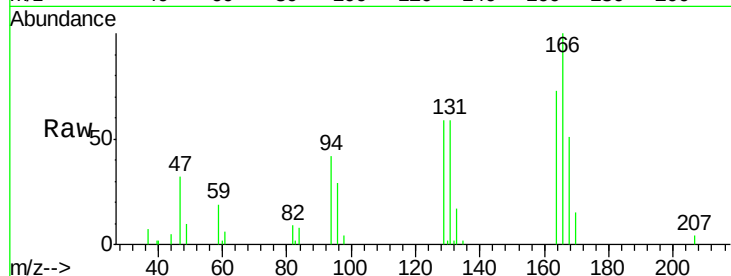
Ion Ratio Lower Upper

164 100

166 136.5 101.4 152.2

129 80.1 60.9 91.3

131 80.6 58.2 87.4

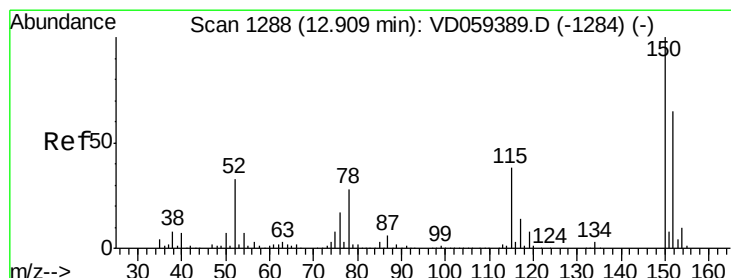
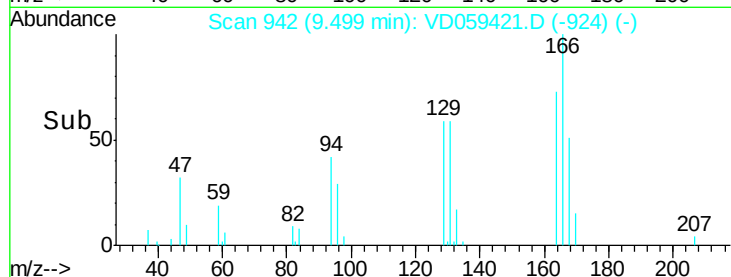
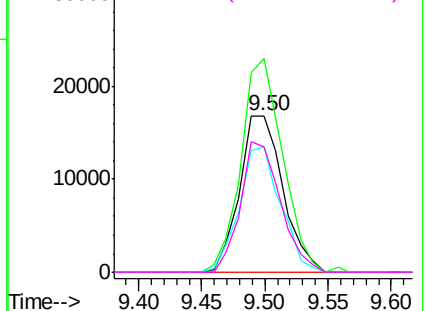


Abundance Ion 163.85 (163.55 to 164.55): V

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# 1287

Delta R.T. -0.01 min

Lab File: VD059421.D

Acq: 26 Jun 2018 13:20

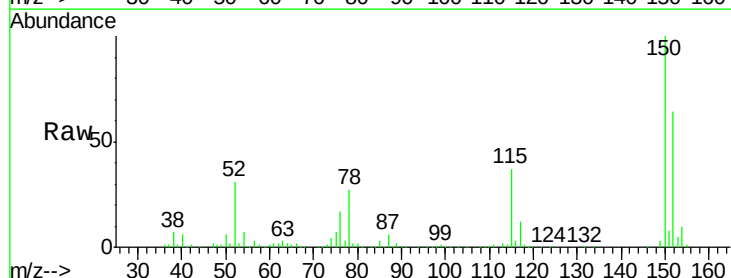
Tgt Ion:152 Resp: 407893

Ion Ratio Lower Upper

152 100

115 57.9 29.4 88.3

150 155.6 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

