

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062618\
 Data File : VD059422.D
 Acq On : 26 Jun 2018 13:48
 Operator : VA/AP
 Sample : J3605-07
 Misc : 6.55g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-5(4-4.5)

Quant Time: Jun 26 14:22:41 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

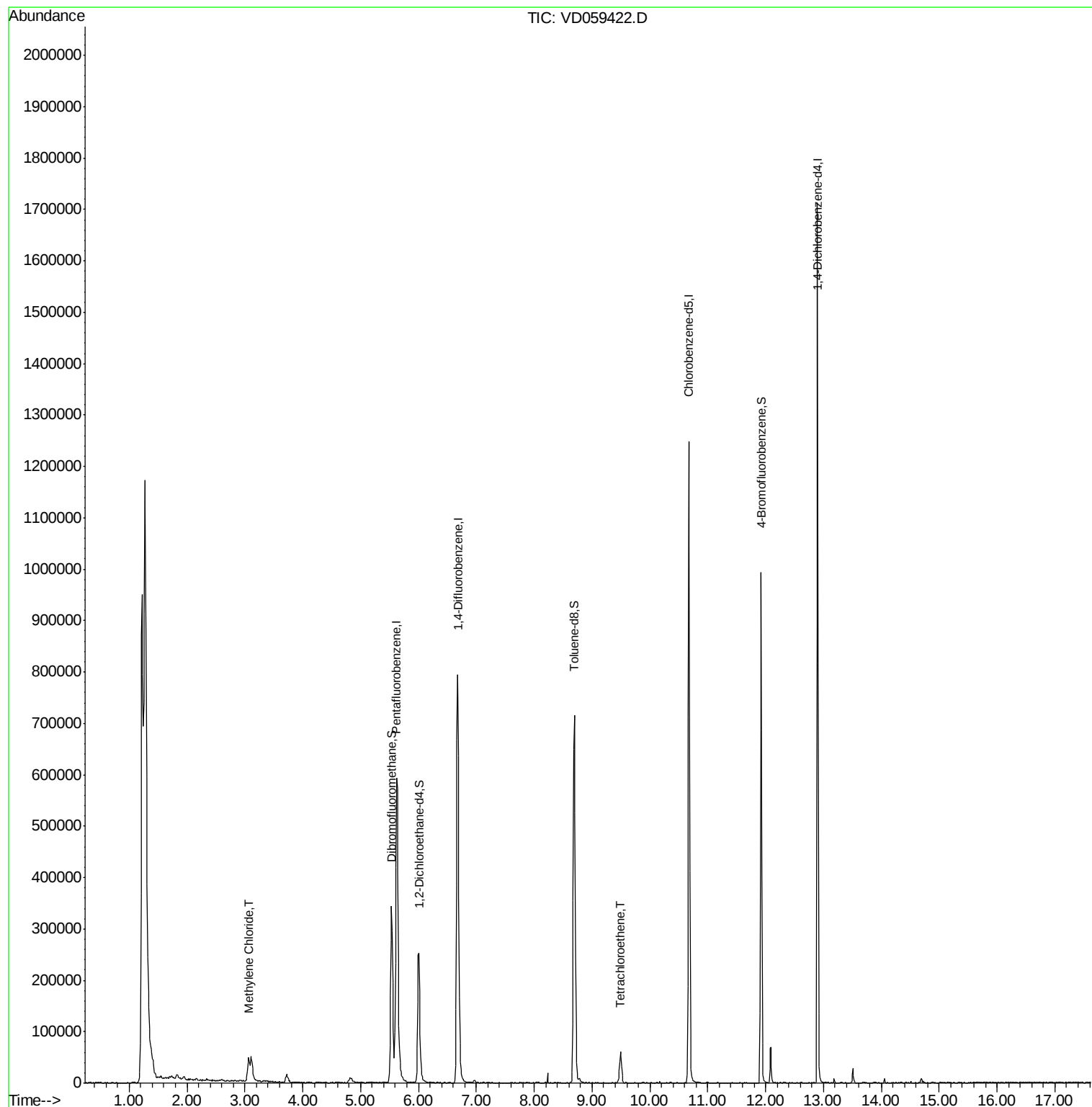
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	613223	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	826064	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.67	117	687740	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	363741	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	262680	41.89	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	83.78%	
35) Dibromofluoromethane	5.53	113	275588	40.96	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	81.92%	
50) Toluene-d8	8.69	98	583040	37.07	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	74.14%	
62) 4-Bromofluorobenzene	11.92	95	249445	38.12	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	76.24%	
Target Compounds						
20) Methylene Chloride	3.07	84	20905	7.40	ug/l	# 83
64) Tetrachloroethene	9.49	164	18460	3.06	ug/l	92

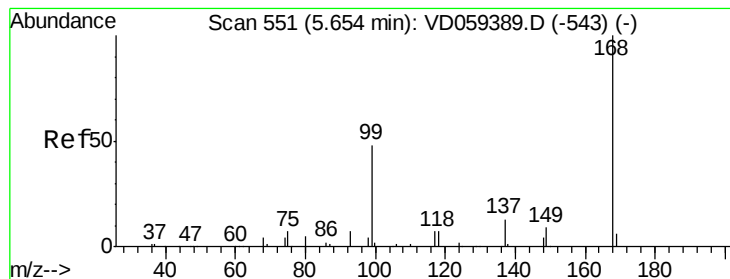
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 2018
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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: VD059422.D

Acq: 26 Jun 2018 13:48

Instrument :

MSVOA_D

ClientSampleId :

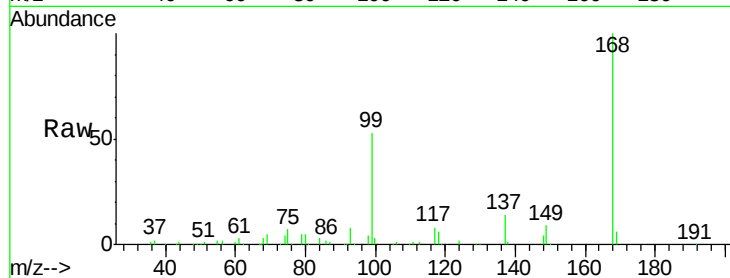
S-5(4-4.5)

Tot Ion:168 Resp: 613223

Ion Ratio Lower Upper

168 100

99 53.2 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

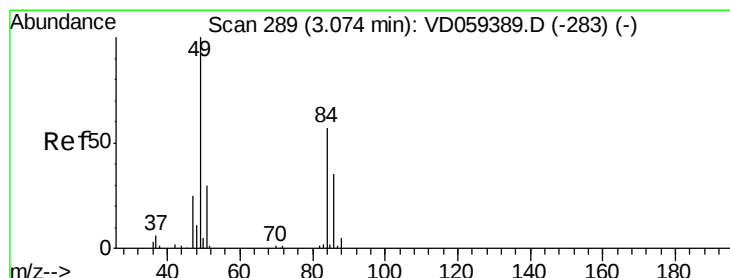
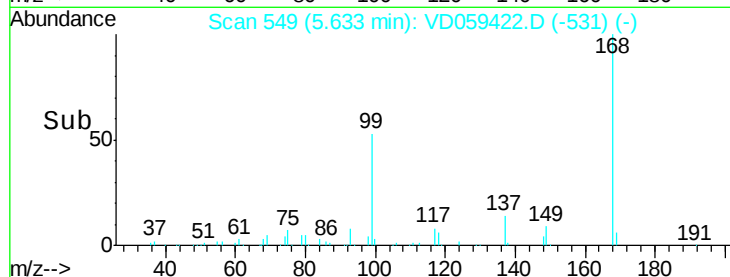
100000

50000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#20

Methylene Chloride

Concen: 7.40 ug/l

RT: 3.07 min Scan# 289

Delta R.T. -0.00 min

Lab File: VD059422.D

Acq: 26 Jun 2018 13:48

Tgt Ion: 84 Resp: 20905

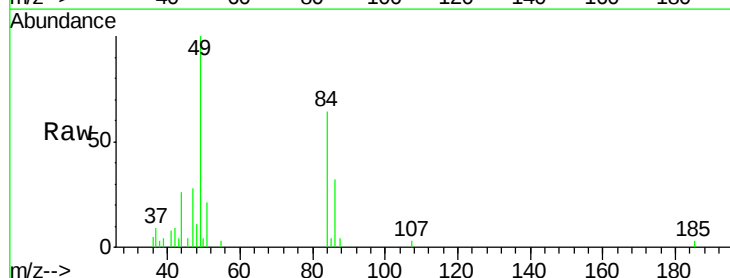
Ion Ratio Lower Upper

84 100

49 155.6 140.3 210.5

51 32.7 41.6 62.4#

86 50.5 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

25000

20000

15000

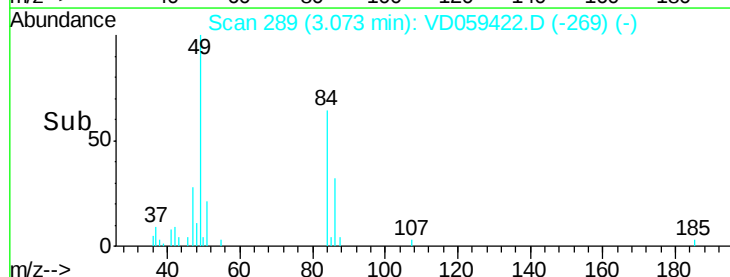
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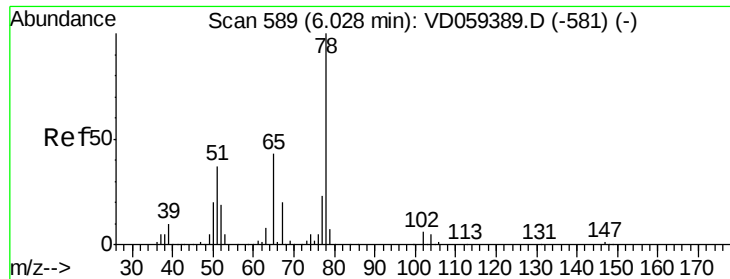
5000

0

Time-->

3.00 3.10 3.20

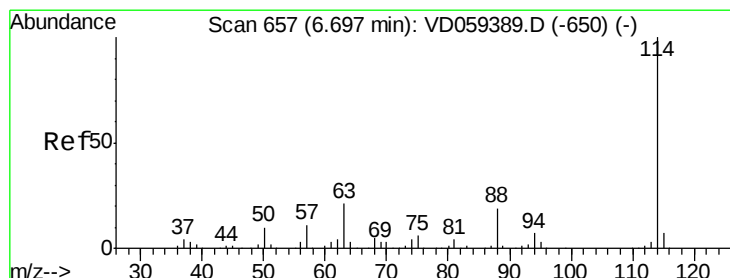
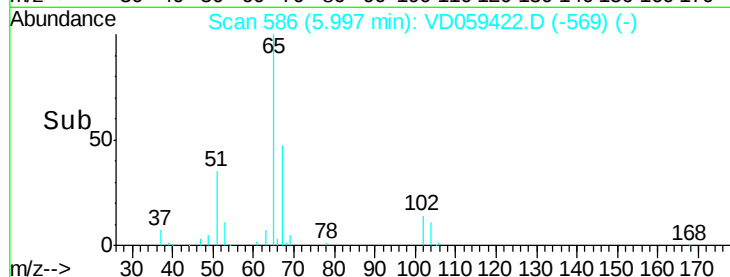
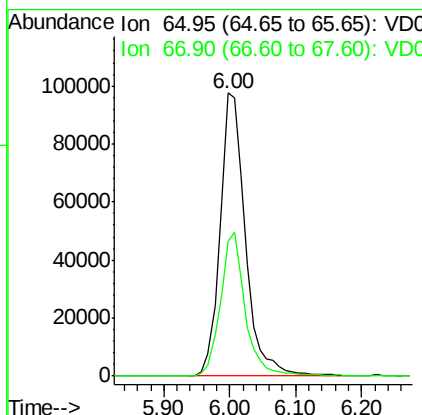
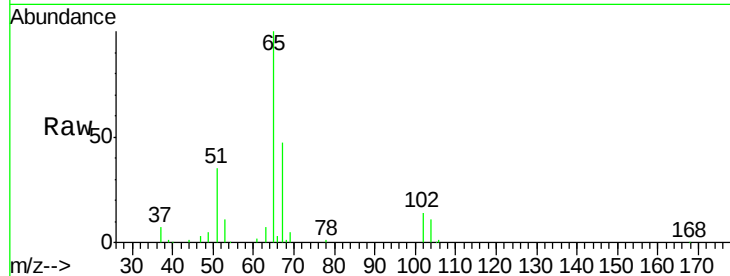




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.00 min Scan# 586
 Delta R.T. -0.03 min
 Lab File: VD059422.D
 Acq: 26 Jun 2018 13:48

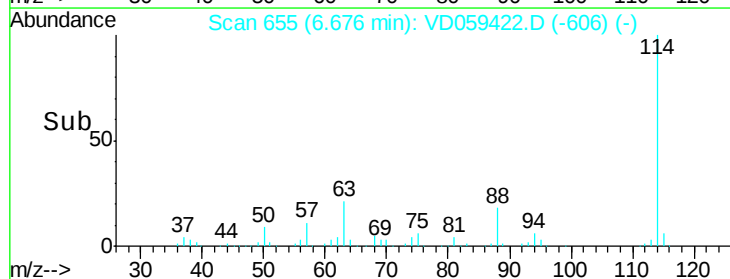
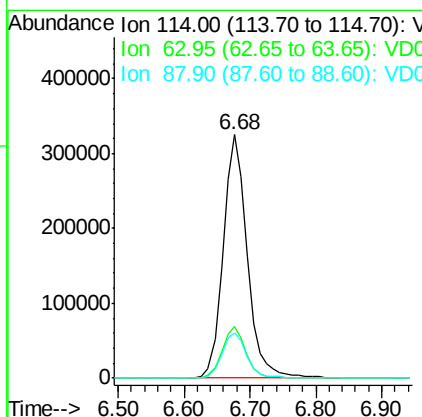
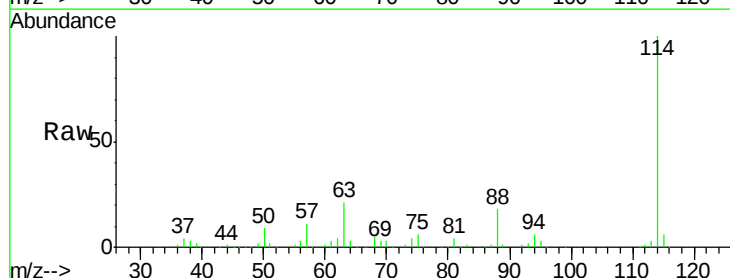
Instrument :
 MSVOA_D
 ClientSampleId :
 S-5(4-4.5)

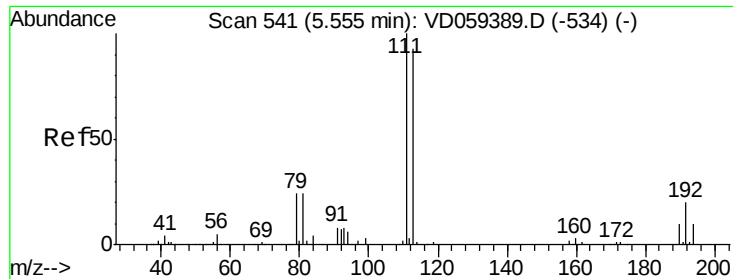
Tot Ion: 65 Resp: 262680
 Ion Ratio Lower Upper
 65 100
 67 47.5 0.0 93.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: VD059422.D
 Acq: 26 Jun 2018 13:48

Tgt Ion: 114 Resp: 826064
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.4
 88 18.5 0.0 38.0

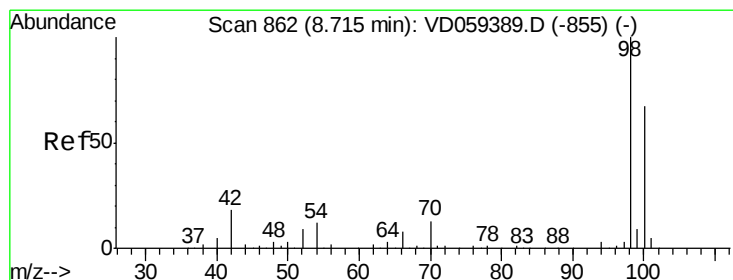
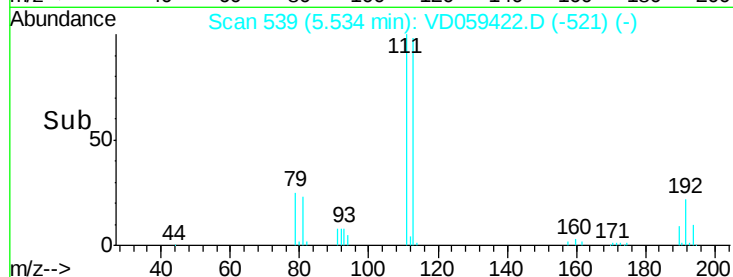
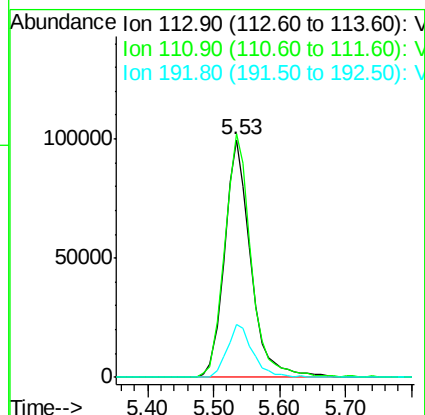
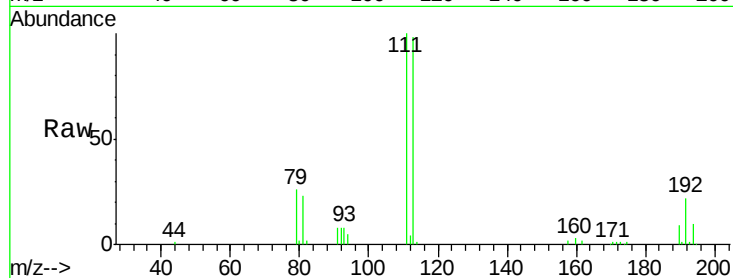




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.53 min Scan# 539
 Delta R.T. -0.02 min
 Lab File: VD059422.D
 Acq: 26 Jun 2018 13:48

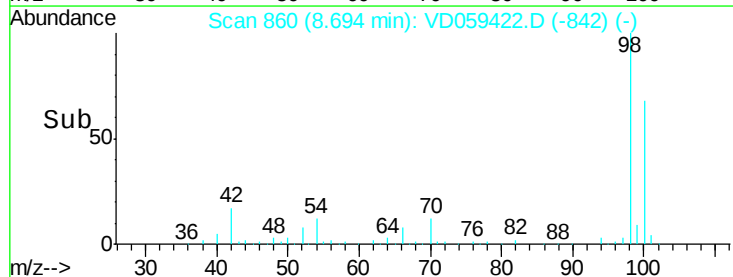
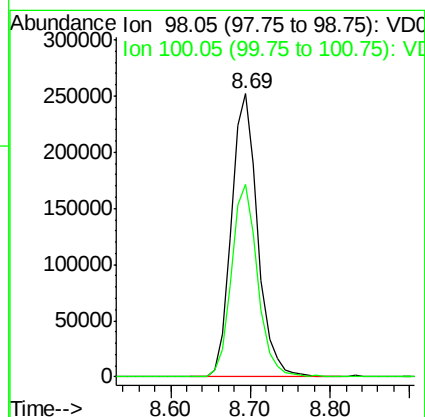
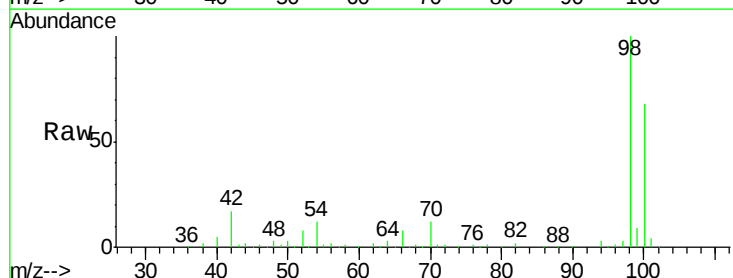
Instrument :
 MSVOA_D
 ClientSampleId :
 S-5(4-4.5)

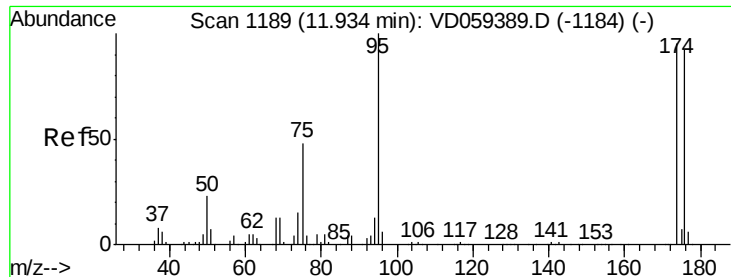
Tot Ion:113 Resp: 275588
 Ion Ratio Lower Upper
 113 100
 111 102.6 85.7 128.5
 192 22.3 16.9 25.3



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 8.69 min Scan# 860
 Delta R.T. -0.02 min
 Lab File: VD059422.D
 Acq: 26 Jun 2018 13:48

Tgt Ion: 98 Resp: 583040
 Ion Ratio Lower Upper
 98 100
 100 68.2 54.4 81.6

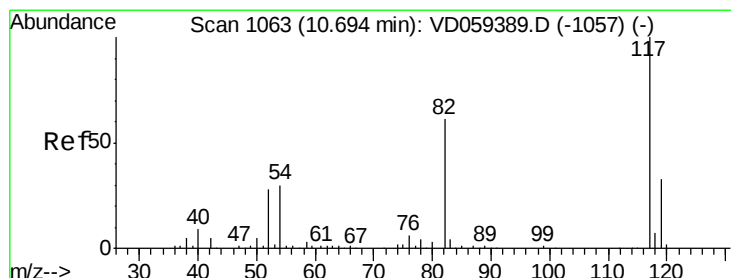
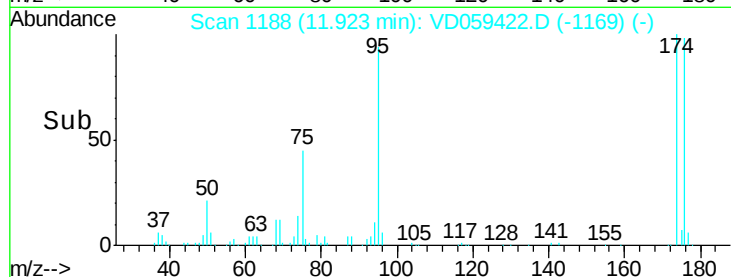
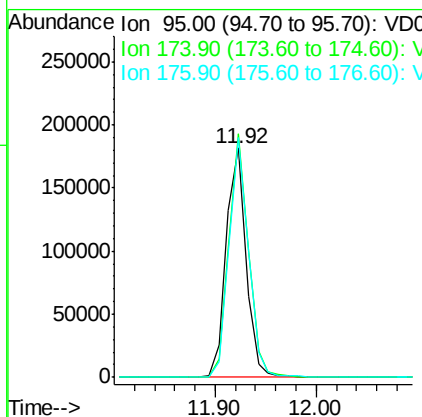
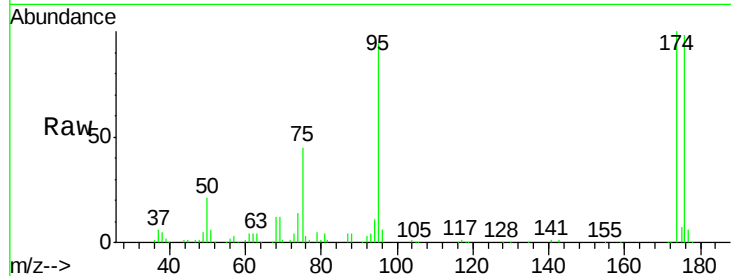




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VD059422.D
Acq: 26 Jun 2018 13:48

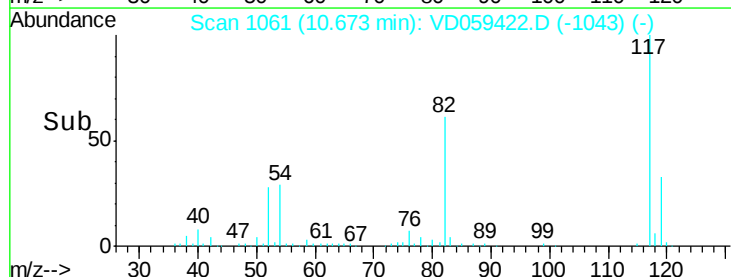
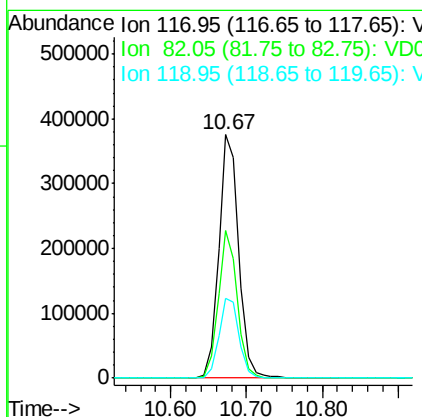
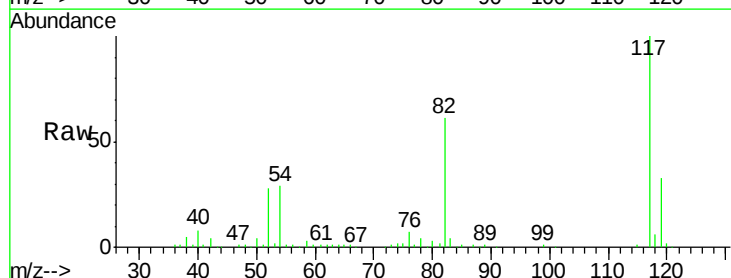
Instrument :
MSVOA_D
ClientSampleId :
S-5(4-4.5)

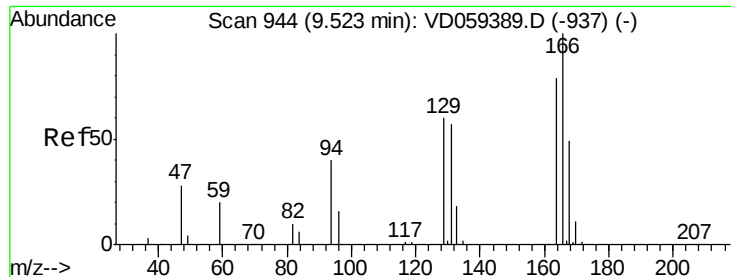
Tot Ion: 95 Resp: 249445
Ion Ratio Lower Upper
95 100
174 106.4 0.0 190.4
176 104.6 0.0 183.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.67 min Scan# 1061
Delta R.T. -0.02 min
Lab File: VD059422.D
Acq: 26 Jun 2018 13:48

Tgt Ion: 117 Resp: 687740
Ion Ratio Lower Upper
117 100
82 60.7 49.0 73.6
119 32.7 26.2 39.4





#64

Tetrachloroethene

Concen: 3.06 ug/l

RT: 9.49 min Scan# 941

Delta R.T. -0.03 min

Lab File: VD059422.D

Acq: 26 Jun 2018 13:48

Instrument :

MSVOA_D

ClientSampleId :

S-5(4-4.5)

Tot Ion:164 Resp: 18460

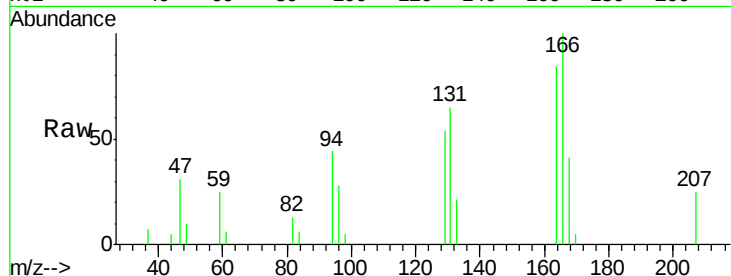
Ion Ratio Lower Upper

164 100

166 119.6 101.4 152.2

129 64.5 60.9 91.3

131 77.6 58.2 87.4

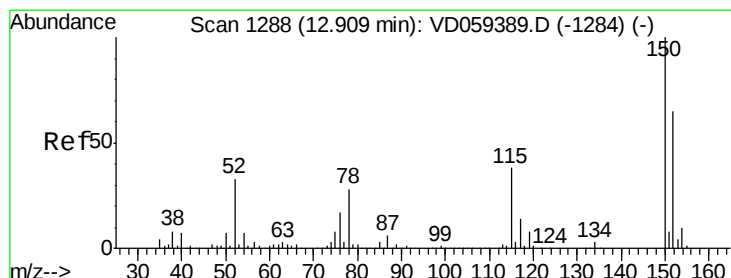
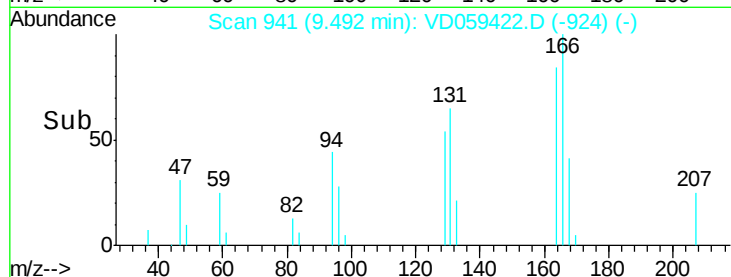
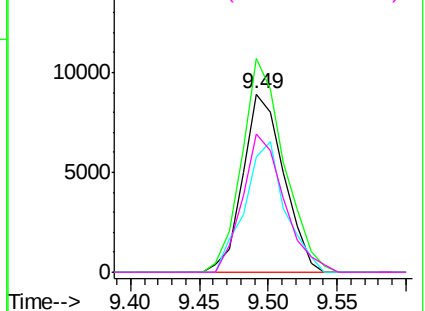


Abundance Ion 163.85 (163.55 to 164.55): V

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: VD059422.D

Acq: 26 Jun 2018 13:48

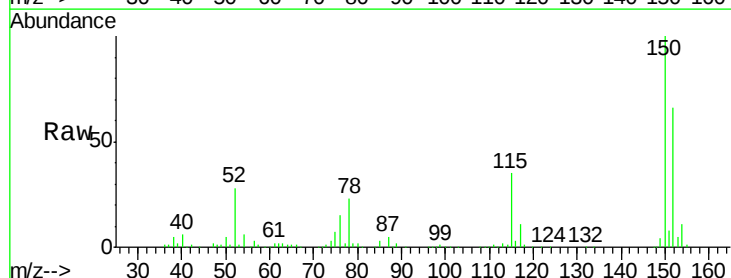
Tgt Ion:152 Resp: 363741

Ion Ratio Lower Upper

152 100

115 52.5 29.4 88.3

150 152.0 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

