

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062718\
 Data File : VD059444.D
 Acq On : 27 Jun 2018 15:02
 Operator : VA/AP
 Sample : J3629-07
 Misc : 5.65g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A0C10-02

Quant Time: Jun 28 03:44:53 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

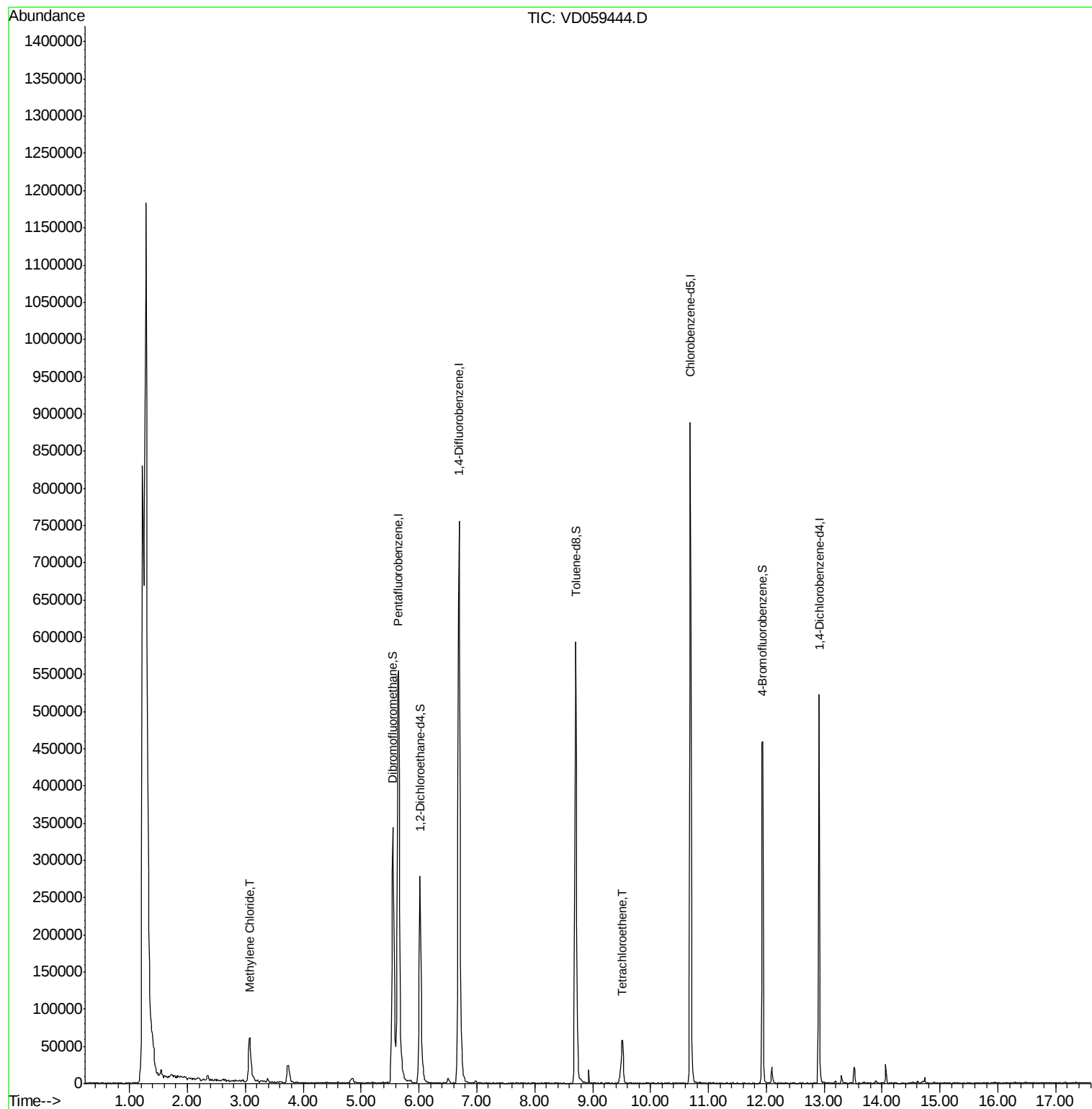
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	571010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	787694	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	472188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	121176	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	272111	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
35) Dibromofluoromethane	5.55	113	277739	43.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.58%	
50) Toluene-d8	8.71	98	480553	32.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.08%	
62) 4-Bromofluorobenzene	11.93	95	135452	21.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	43.42%	
Target Compounds						
20) Methylene Chloride	3.08	84	31576	13.63	ug/l	98
64) Tetrachloroethene	9.52	164	18134	4.38	ug/l	96

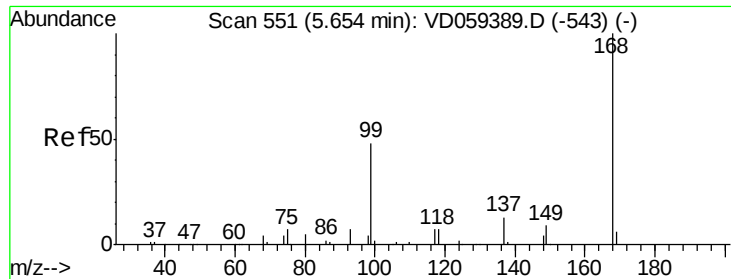
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 551

Delta R.T. -0.01 min

Lab File: VD059444.D

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Instrument :

MSVOA_D

ClientSampleId :

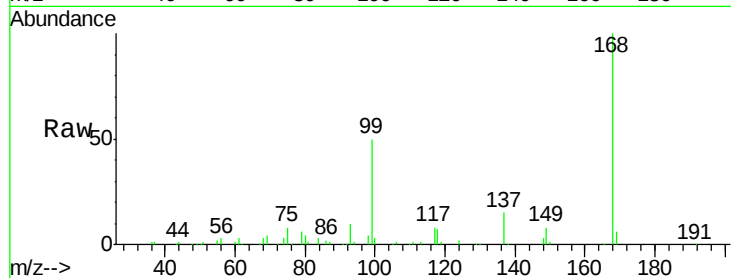
A0C10-02

Tot Ion:168 Resp: 571010

Ion Ratio Lower Upper

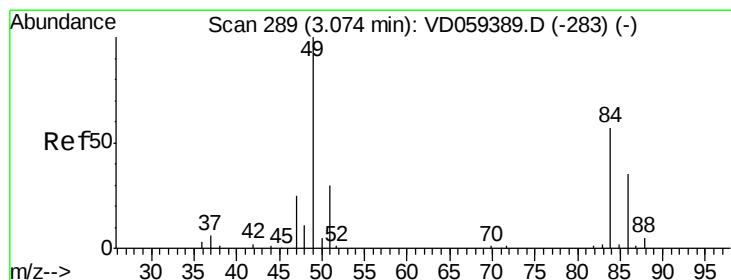
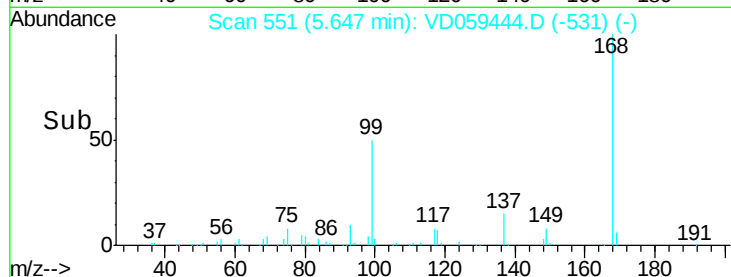
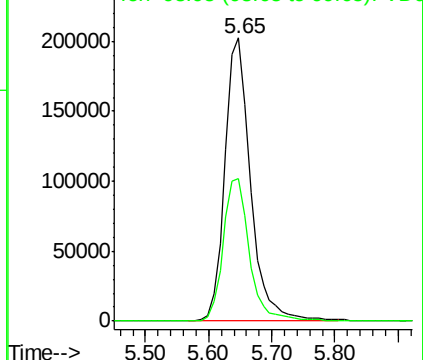
168 100

99 50.4 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 13.63 ug/l

RT: 3.08 min Scan# 290

Delta R.T. 0.00 min

Lab File: VD059444.D

Acq: 27 Jun 2018 15:02

Tgt Ion: 84 Resp: 31576

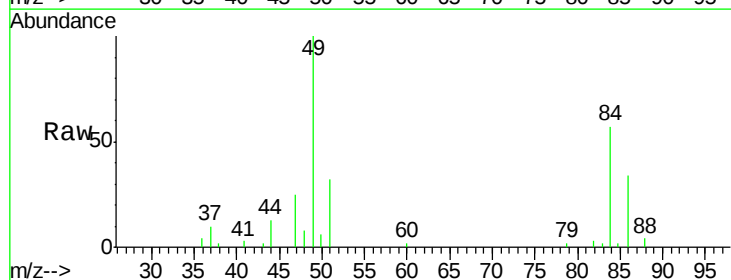
Ion Ratio Lower Upper

84 100

49 176.6 140.3 210.5

51 57.1 41.6 62.4

86 59.4 49.4 74.2

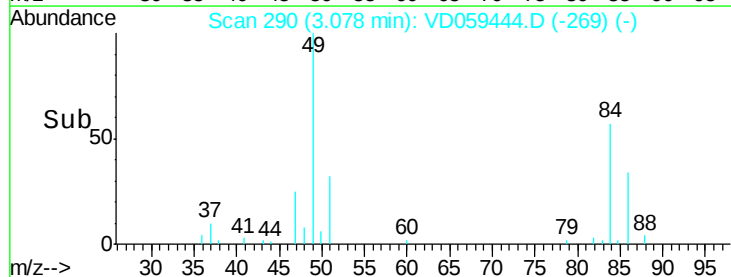
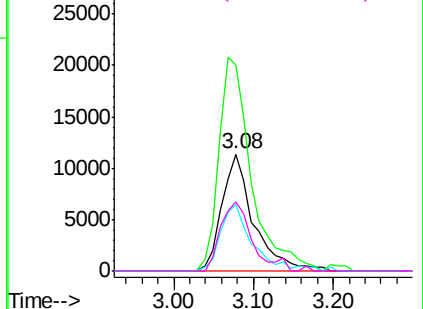


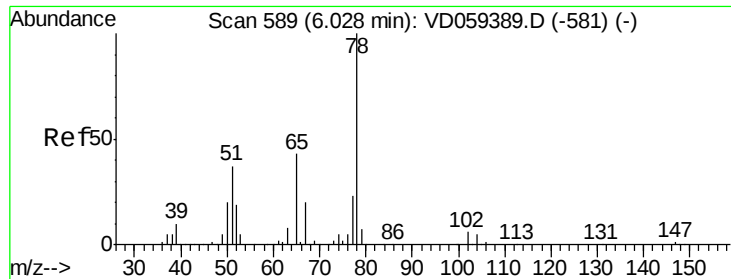
Abundance Ion 83.95 (83.65 to 84.65): VDC

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





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.02 min Scan# 589

Delta R.T. -0.01 min

Lab File: VD059444.D

Acq: 27 Jun 2018 15:02

Instrument :

MSVOA_D

ClientSampleId :

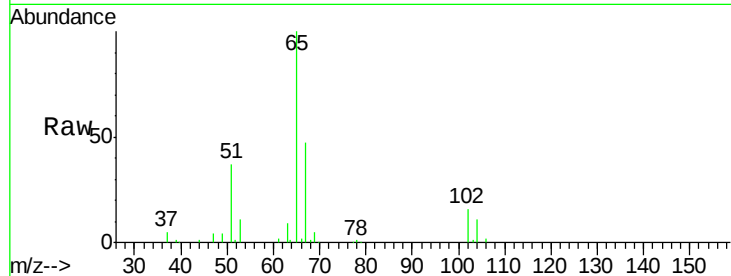
A0C10-02

Tot Ion: 65 Resp: 272111

Ion Ratio Lower Upper

65 100

67 46.7 0.0 93.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.02

120000

100000

80000

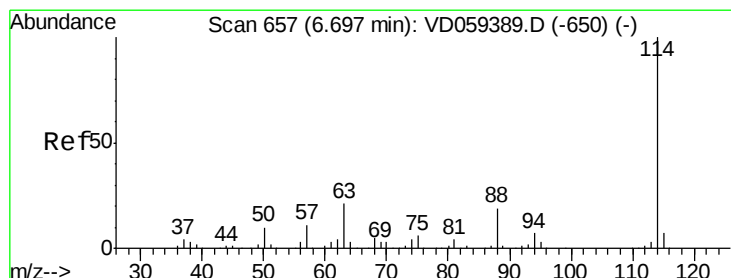
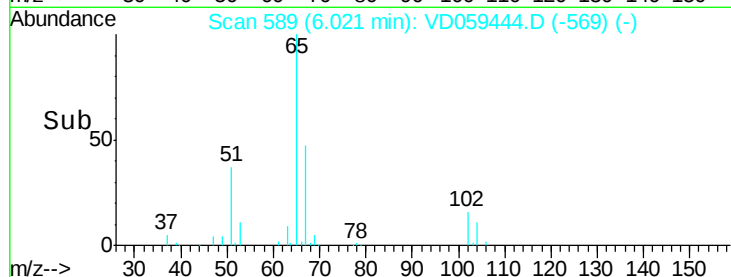
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.69 min Scan# 657

Delta R.T. -0.01 min

Lab File: VD059444.D

Acq: 27 Jun 2018 15:02

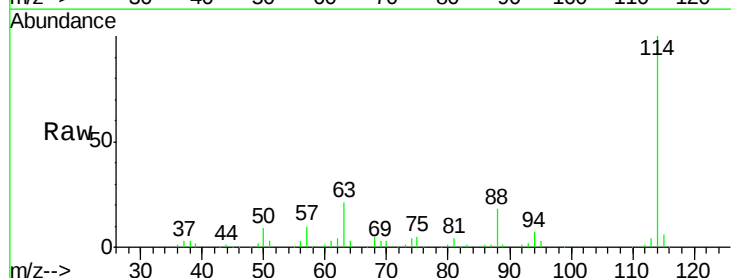
Tgt Ion: 114 Resp: 787694

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.4

88 18.4 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

6.69

400000

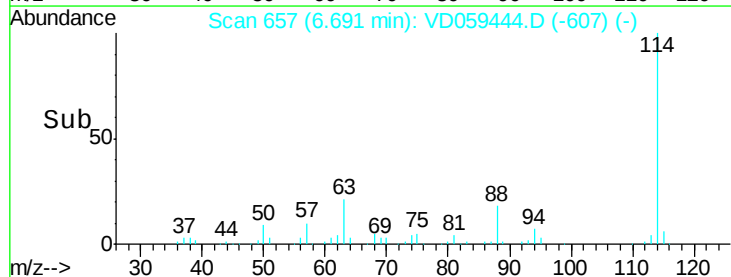
300000

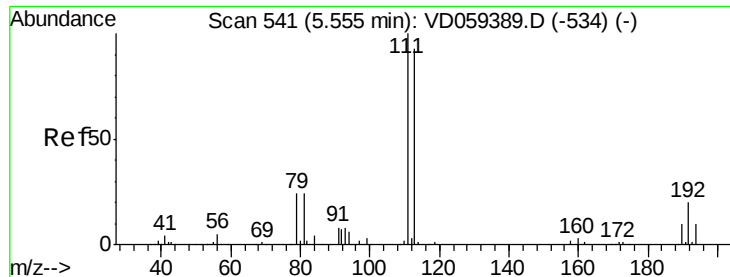
200000

100000

0

Time-->

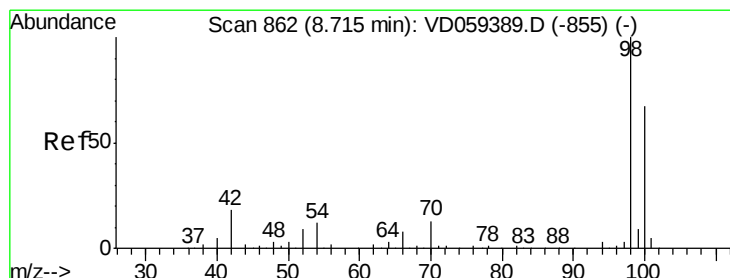
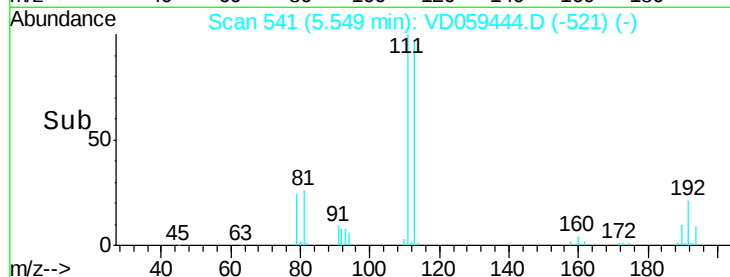
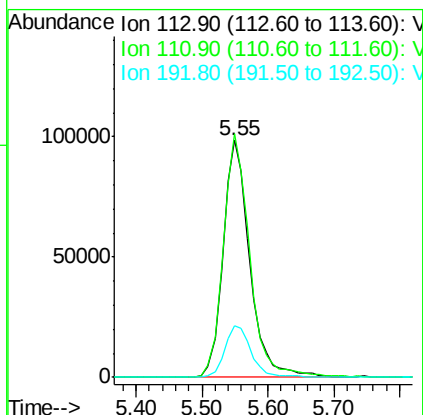
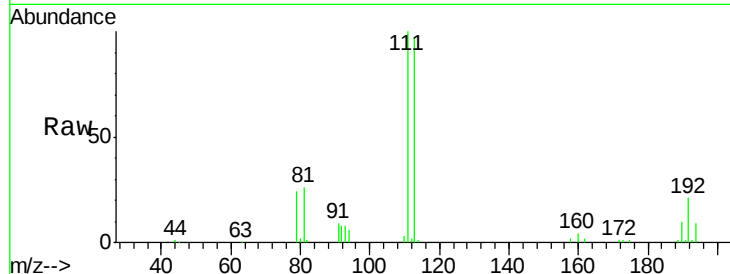




#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.55 min Scan# 541
Delta R.T. -0.01 min
Lab File: VD059444.D
Acq: 27 Jun 2018 15:02

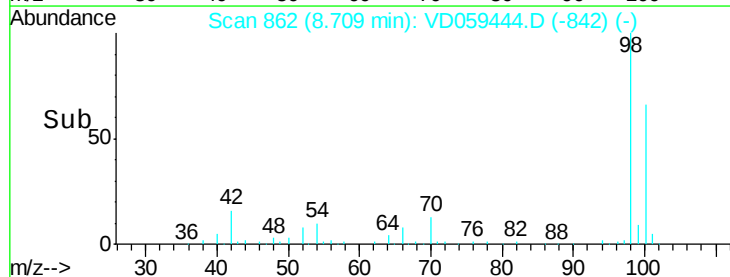
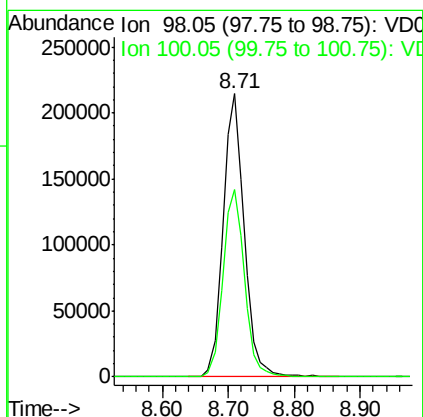
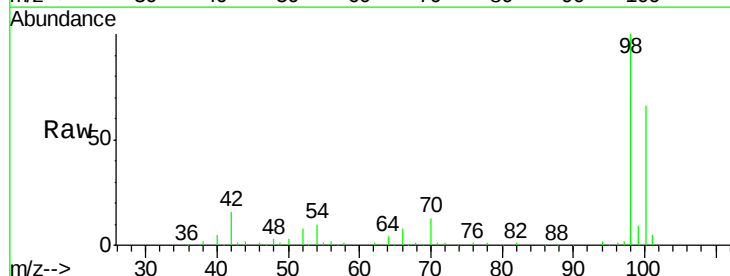
Instrument :
MSVOA_D
ClientSampleId :
A0C10-02

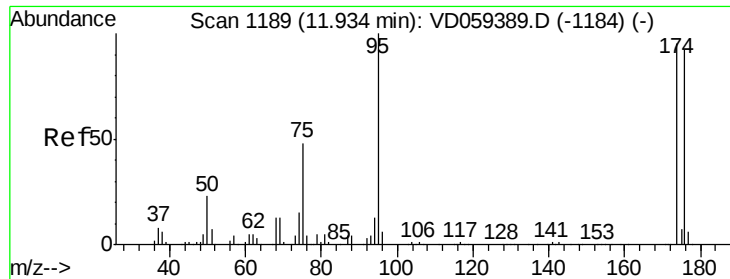
Tot Ion:113 Resp: 277739
Ion Ratio Lower Upper
113 100
111 102.9 85.7 128.5
192 21.9 16.9 25.3



#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 862
Delta R.T. -0.01 min
Lab File: VD059444.D
Acq: 27 Jun 2018 15:02

Tgt Ion: 98 Resp: 480553
Ion Ratio Lower Upper
98 100
100 66.2 54.4 81.6

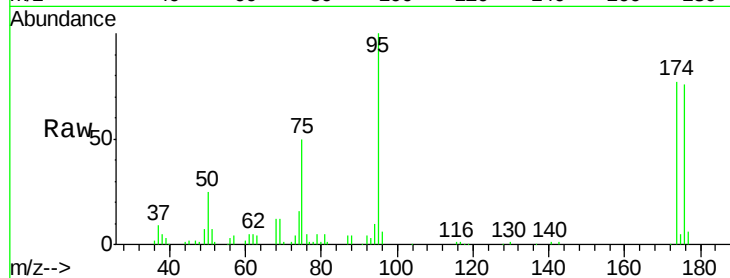




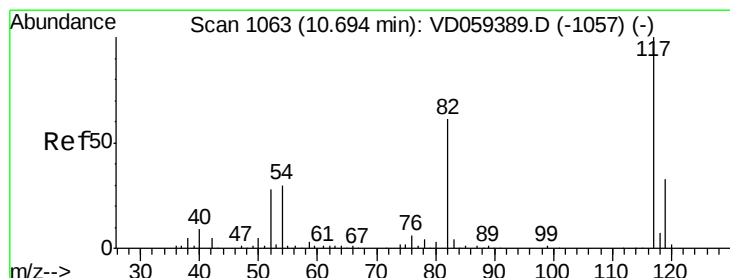
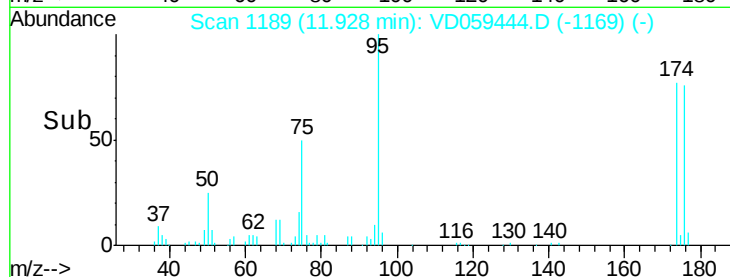
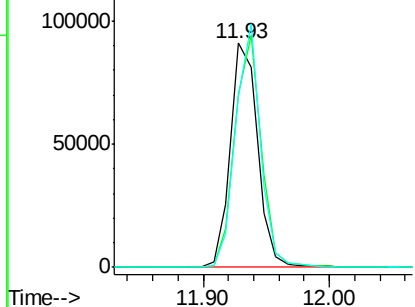
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.01 min
Lab File: VD059444.D
Acq: 27 Jun 2018 15:02

Instrument :
MSVOA_D
ClientSampled :
A0C10-02

Tot Ion: 95 Resp: 135452
Ion Ratio Lower Upper
95 100
174 77.2 0.0 190.4
176 76.3 0.0 183.2

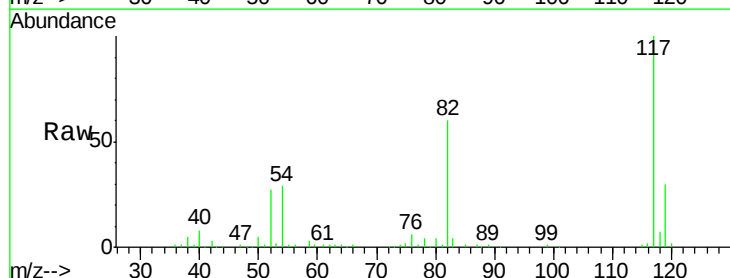


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

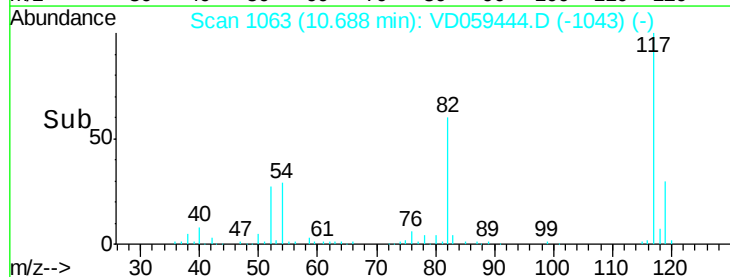
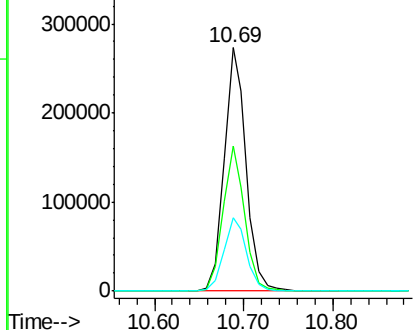


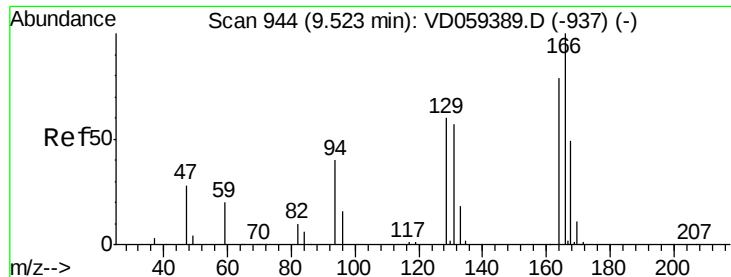
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.01 min
Lab File: VD059444.D
Acq: 27 Jun 2018 15:02

Tgt Ion: 117 Resp: 472188
Ion Ratio Lower Upper
117 100
82 59.6 49.0 73.6
119 30.2 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: 4.38 ug/l

RT: 9.52 min Scan# 944

Delta R.T. -0.01 min

Lab File: VD059444.D

Acq: 27 Jun 2018 15:02

Instrument :

MSVOA_D

ClientSampleId :

A0C10-02

Tot Ion:164 Resp: 18134

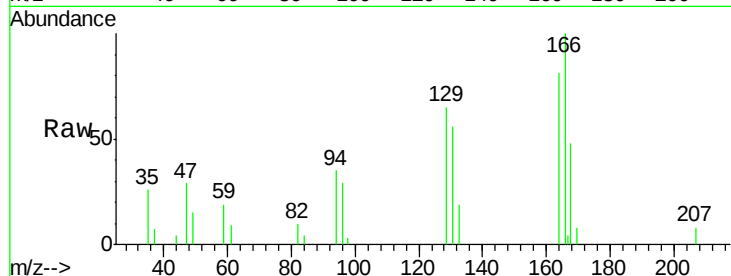
Ion Ratio Lower Upper

164 100

166 123.7 101.4 152.2

129 80.4 60.9 91.3

131 69.4 58.2 87.4

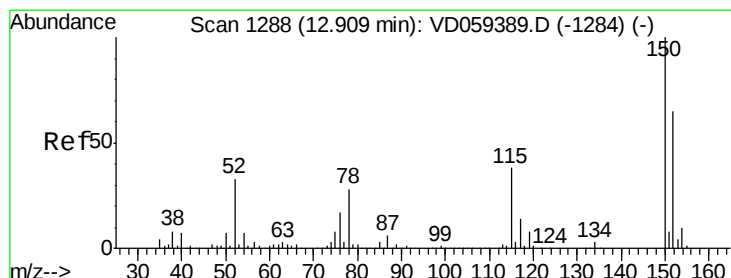
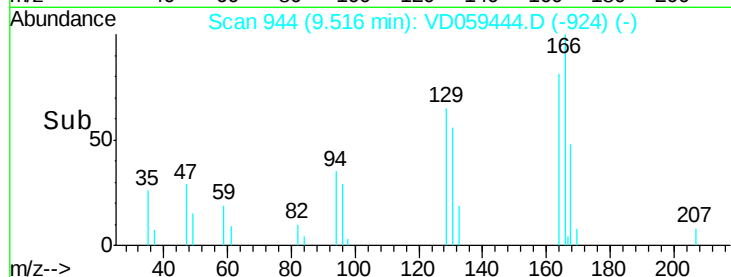
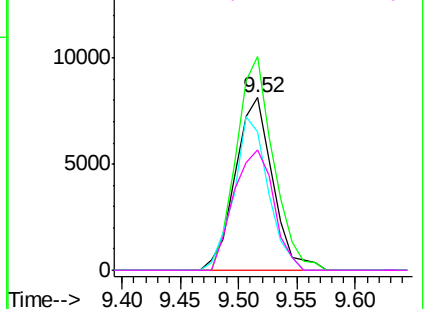


Abundance Ion 163.85 (163.55 to 164.55): V

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: 12.91 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VD059444.D

Acq: 27 Jun 2018 15:02

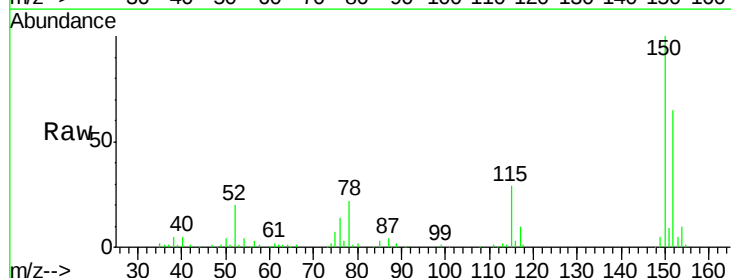
Tgt Ion:152 Resp: 121176

Ion Ratio Lower Upper

152 100

115 45.3 29.4 88.3

150 154.3 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

