

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060818\
 Data File : VD058050.D
 Acq On : 9 Jun 2018 8:15
 Operator : VA/AP
 Sample : J3347-03
 Misc : 6.79g/5ml/MSVOA D/SOIL
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-10(3.5)

Quant Time: Jun 11 04:31:31 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

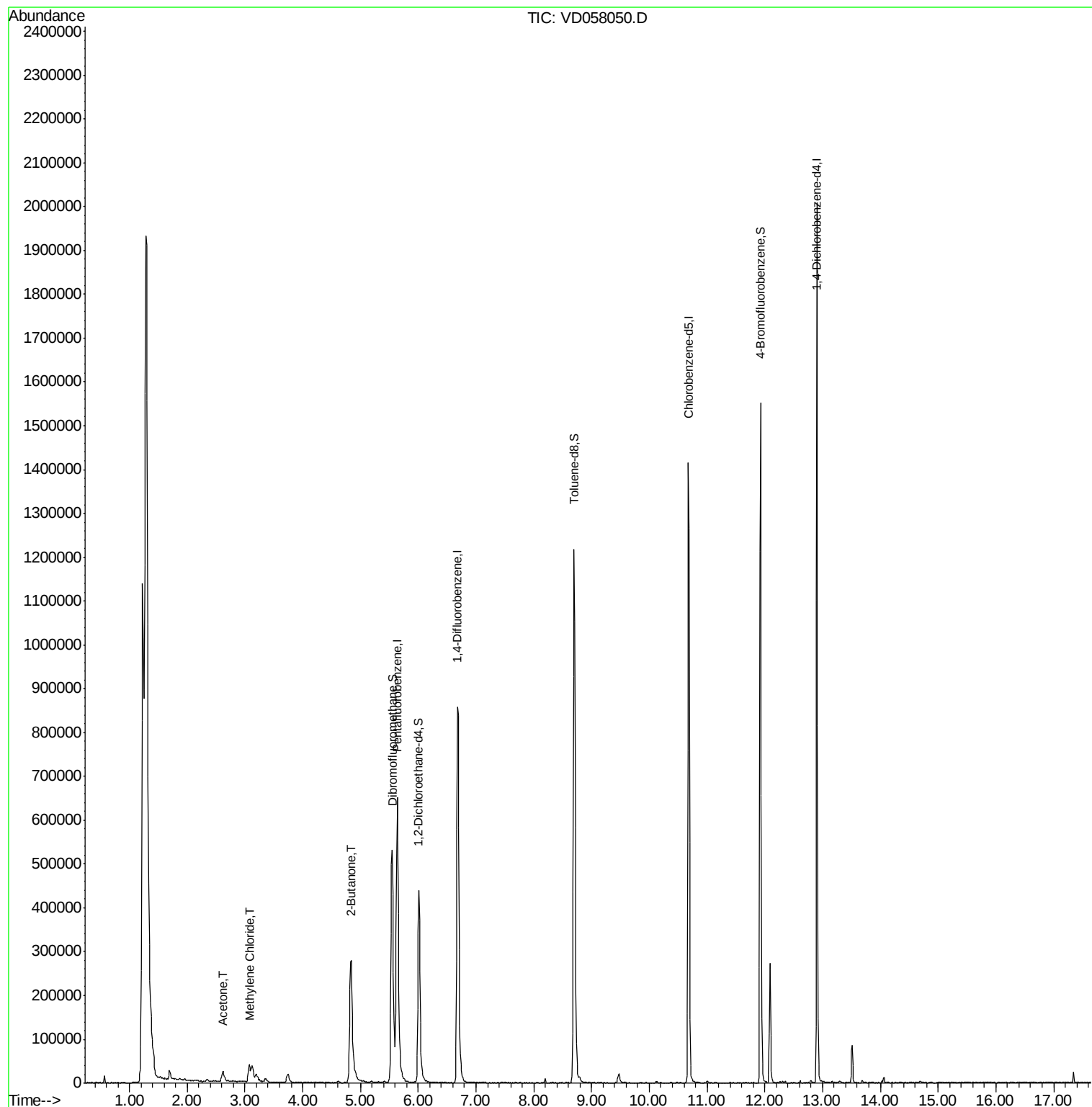
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	635576	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.69	114	903277	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	769146	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	393261	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	430466	67.75	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	135.50%	
35) Dibromofluoromethane	5.55	113	446153	63.84	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	127.68%	
50) Toluene-d8	8.70	98	969012	58.32	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	116.64%	
62) 4-Bromofluorobenzene	11.93	95	428631	59.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.28%	
Target Compounds						
16) Acetone	2.61	43	57435	62.74	ug/l	98
20) Methylene Chloride	3.07	84	20961	1.80	ug/l	90
25) 2-Butanone	4.84	43	25494	12.25	ug/l #	86

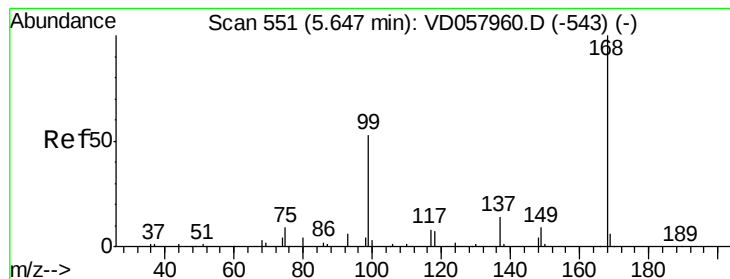
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD058050.D

Acq: 9 Jun 2018 8:15

Instrument :

MSVOA_D

ClientSampleId :

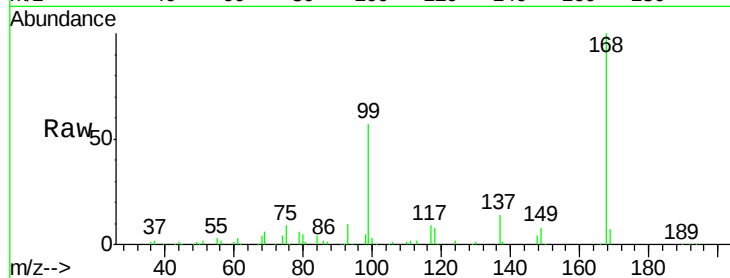
B-10(3.5)

Tot Ion:168 Resp: 635576

Ion Ratio Lower Upper

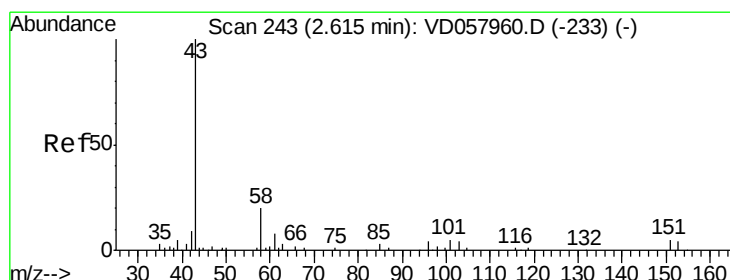
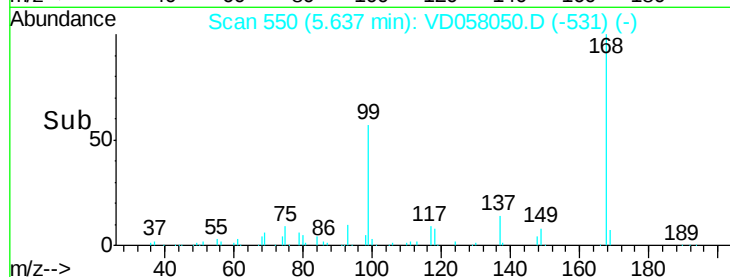
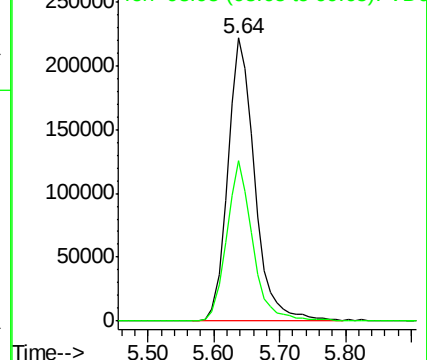
168 100

99 56.9 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 62.74 ug/l

RT: 2.61 min Scan# 243

Delta R.T. -0.00 min

Lab File: VD058050.D

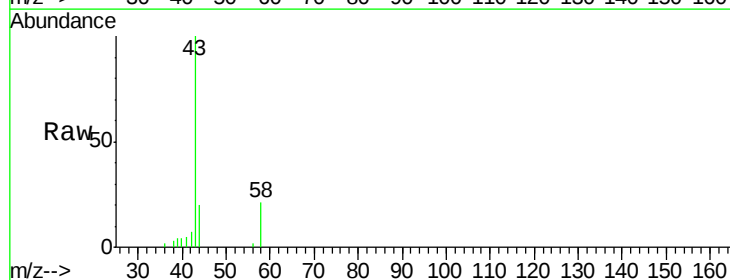
Acq: 9 Jun 2018 8:15

Tgt Ion: 43 Resp: 57435

Ion Ratio Lower Upper

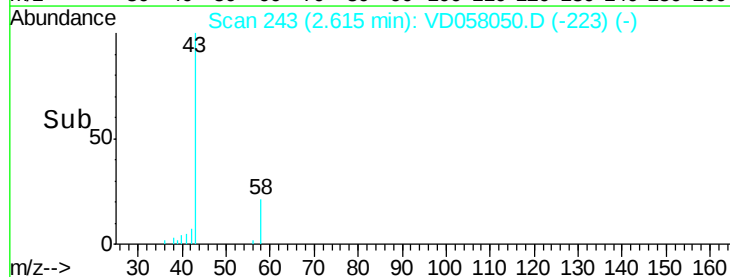
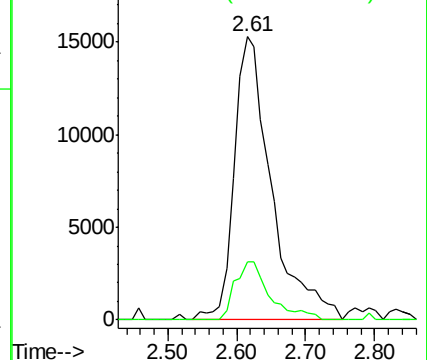
43 100

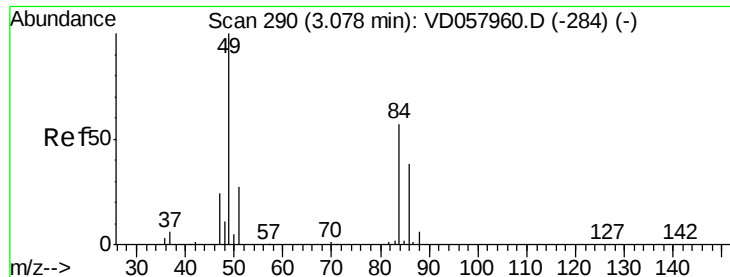
58 20.7 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

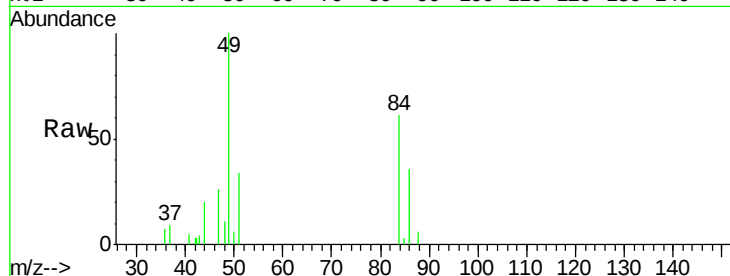




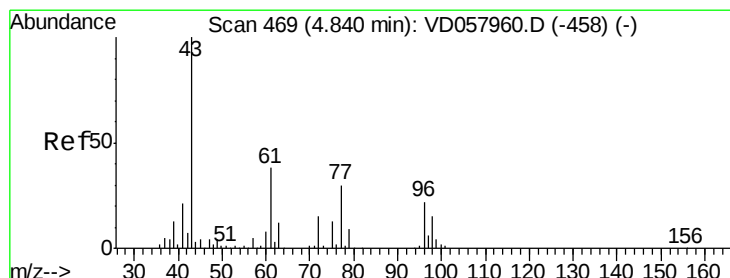
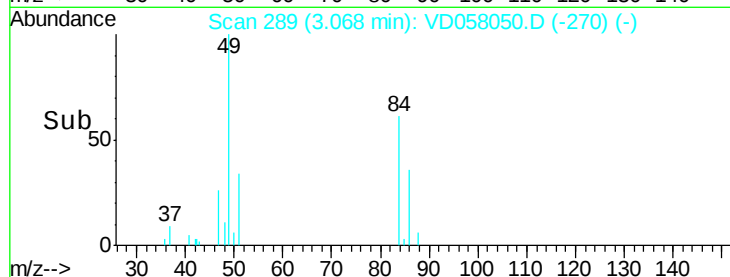
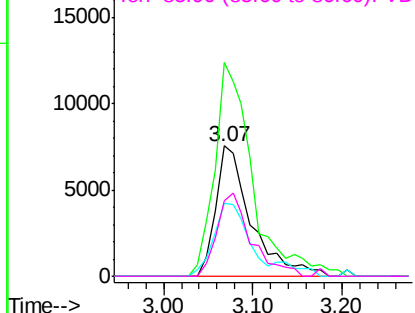
#20
Methvlene Chloride
Concen: 1.80 ug/l
RT: 3.07 min Scan# 289
Delta R.T. -0.01 min
Lab File: VD058050.D
Acq: 9 Jun 2018 8:15

Instrument :
MSVOA_D
ClientSampleId :
B-10(3.5)

Tot Ion: 84 Resp: 20961
Ion Ratio Lower Upper
84 100
49 164.1 141.4 212.0
51 56.5 38.3 57.5
86 58.5 52.9 79.3

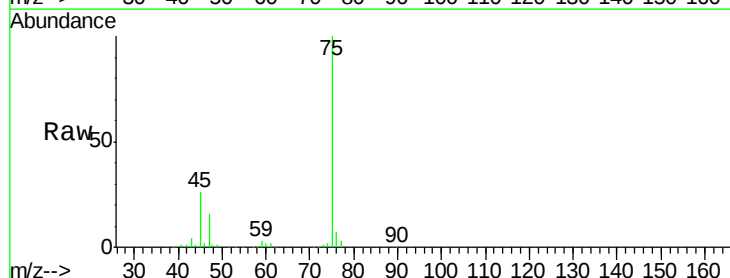


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

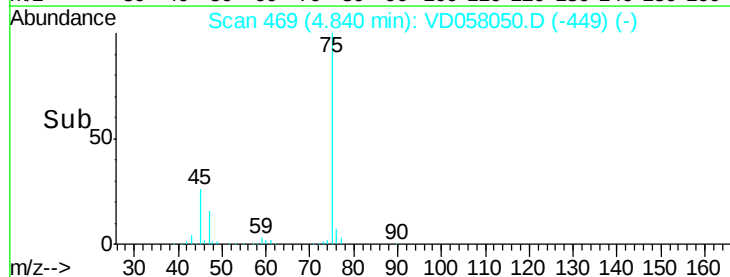
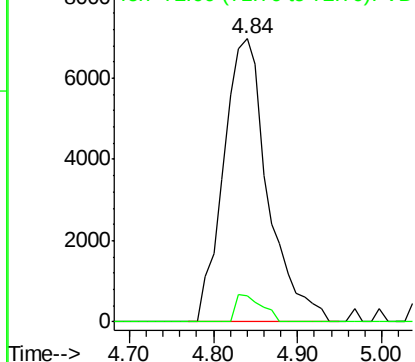


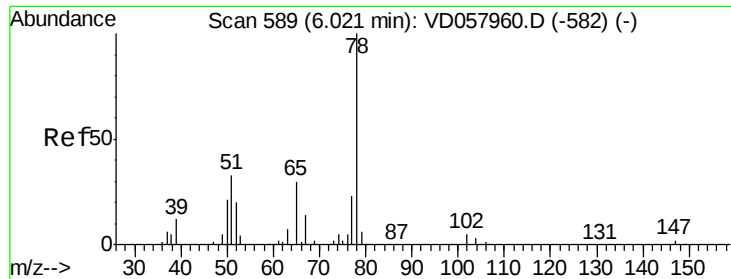
#25
2-Butanone
Concen: 12.25 ug/l
RT: 4.84 min Scan# 469
Delta R.T. -0.00 min
Lab File: VD058050.D
Acq: 9 Jun 2018 8:15

Tgt Ion: 43 Resp: 25494
Ion Ratio Lower Upper
43 100
72 9.1 12.0 18.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC

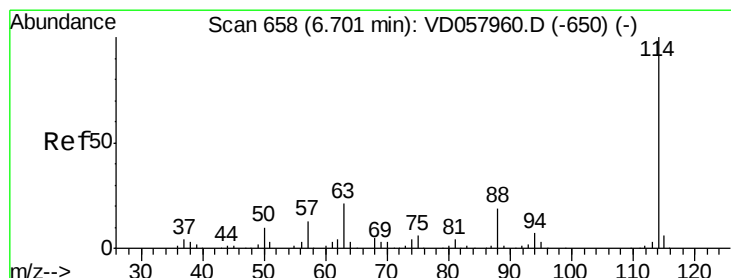
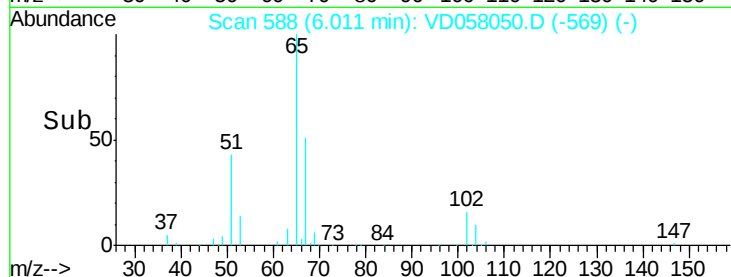
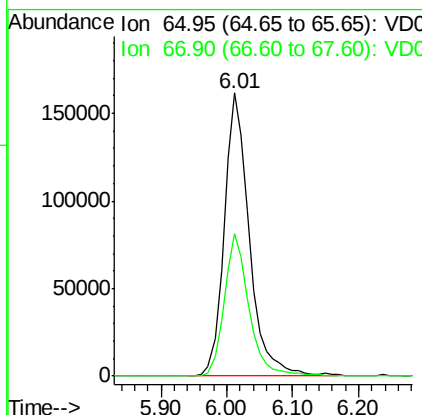
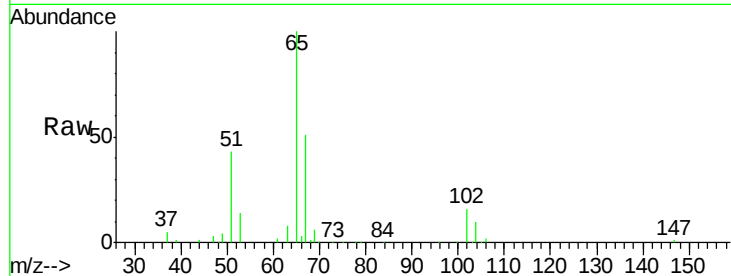




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.01 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: VD058050.D
 Acq: 9 Jun 2018 8:15

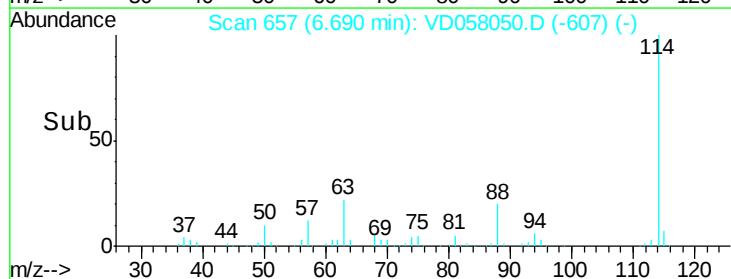
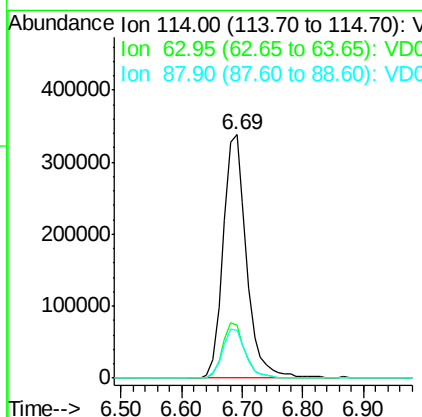
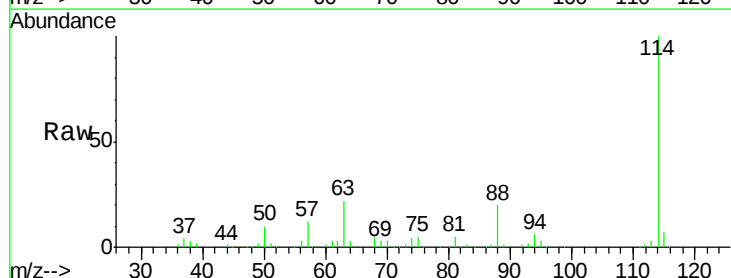
Instrument :
 MSVOA_D
 ClientSampleId :
 B-10(3.5)

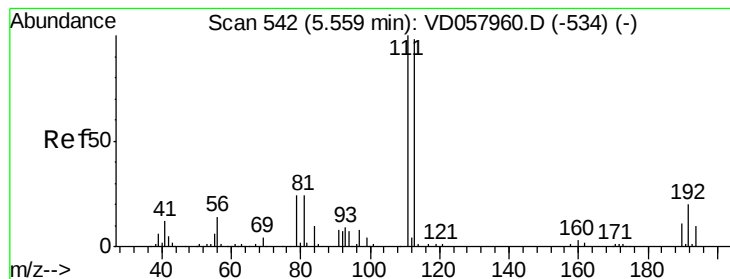
Tot Ion: 65 Resp: 430466
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 94.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VD058050.D
 Acq: 9 Jun 2018 8:15

Tgt Ion: 114 Resp: 903277
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.8
 88 19.5 0.0 37.8





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.55 min Scan# 541

Delta R.T. -0.01 min

Lab File: VD058050.D

Acq: 9 Jun 2018 8:15

Instrument :

MSVOA_D

ClientSampleId :

B-10(3.5)

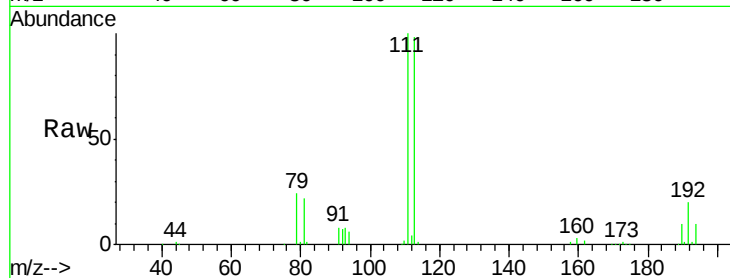
Tot Ion:113 Resp: 446153

Ion Ratio Lower Upper

113 100

111 102.0 81.5 122.3

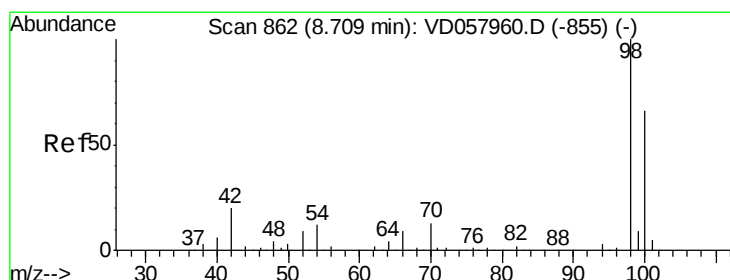
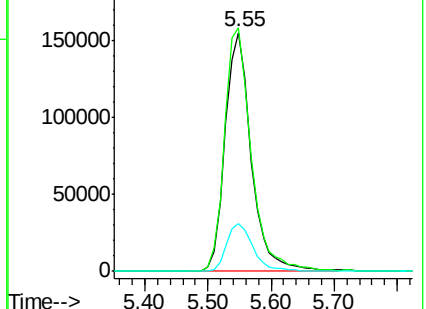
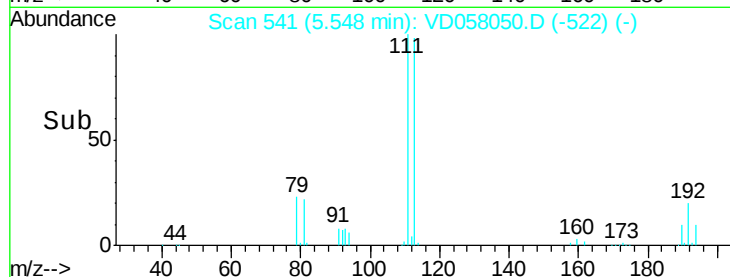
192 20.2 16.4 24.6



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: VD058050.D

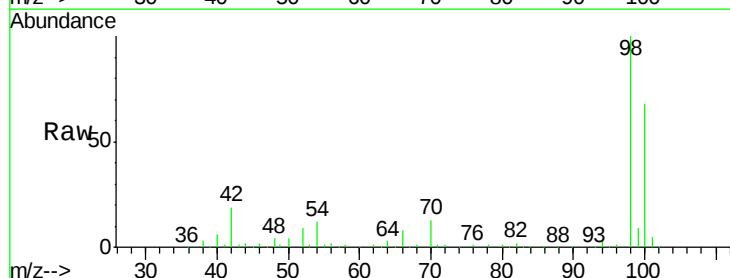
Acq: 9 Jun 2018 8:15

Tgt Ion: 98 Resp: 969012

Ion Ratio Lower Upper

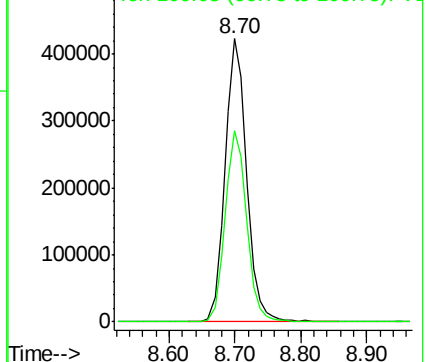
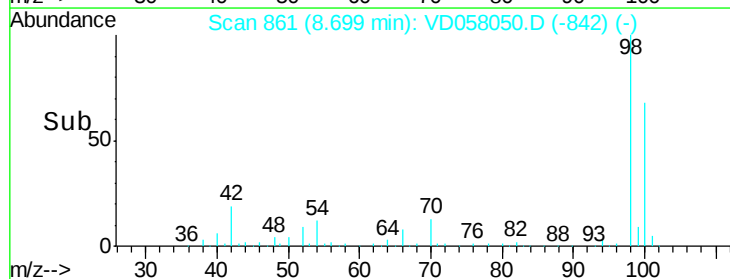
98 100

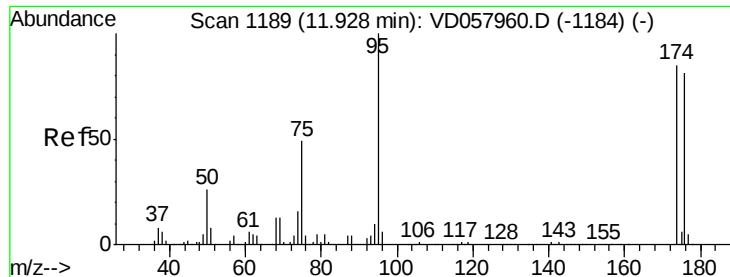
100 67.7 53.4 80.0



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. -0.00 min

Lab File: VD058050.D

Acq: 9 Jun 2018 8:15

Instrument :

MSVOA_D

ClientSampleId :

B-10(3.5)

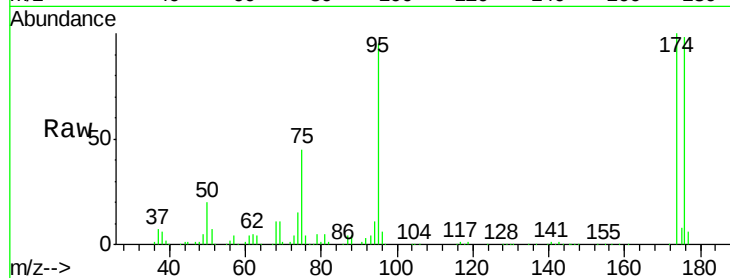
Tot Ion: 95 Resp: 428631

Ion Ratio Lower Upper

95 100

174 105.8 0.0 169.4

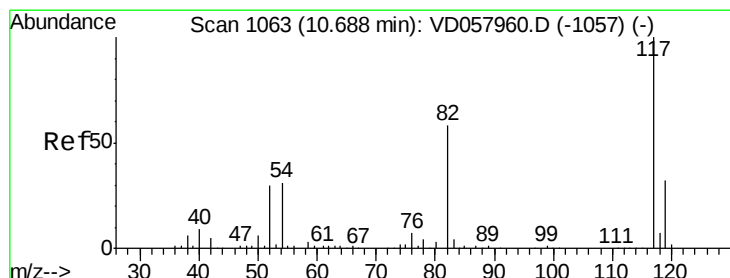
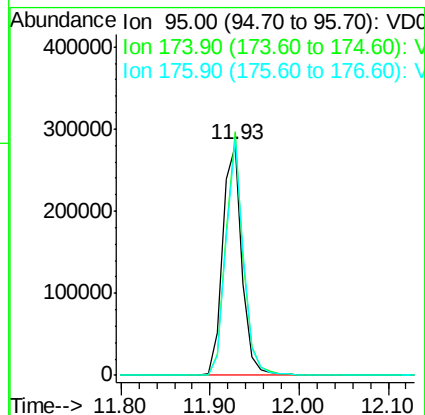
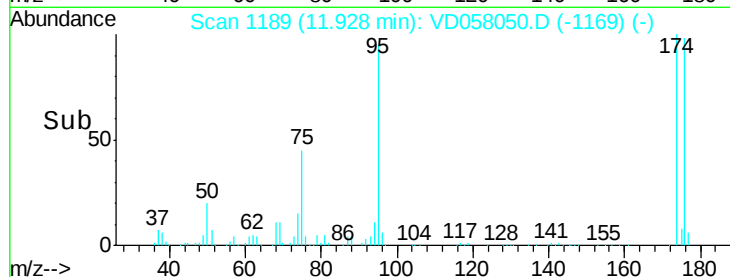
176 103.2 0.0 162.6



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: 10.68 min Scan# 1062

Delta R.T. -0.01 min

Lab File: VD058050.D

Acq: 9 Jun 2018 8:15

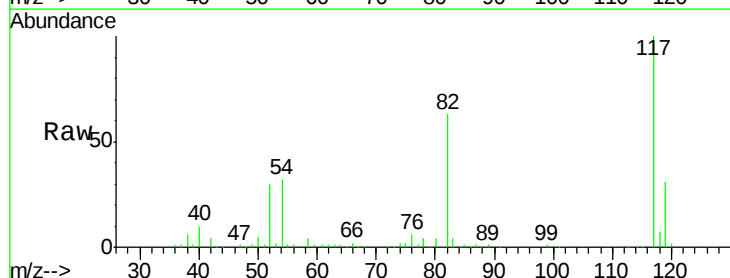
Tgt Ion: 117 Resp: 769146

Ion Ratio Lower Upper

117 100

82 62.6 46.8 70.2

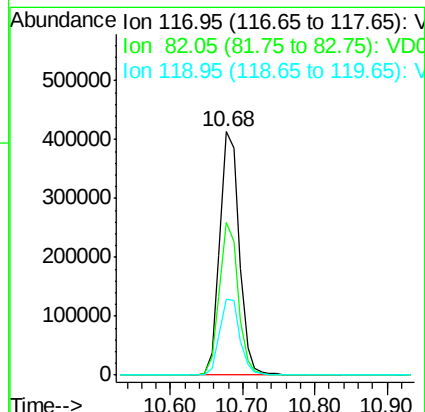
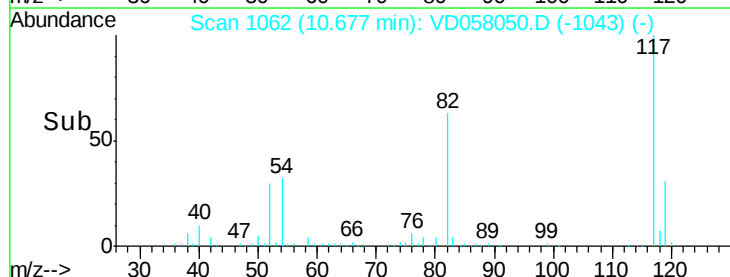
119 31.1 25.8 38.6

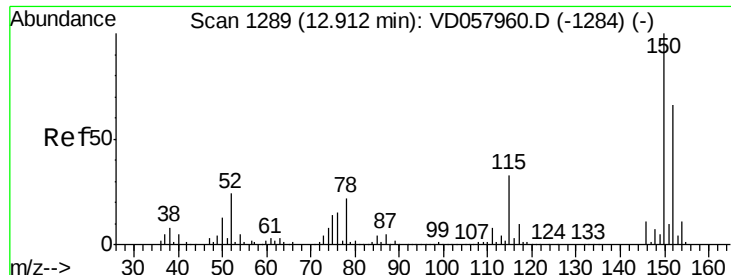


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.90 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD058050.D

Acq: 9 Jun 2018 8:15

Instrument :

MSVOA_D

ClientSampleId :

B-10(3.5)

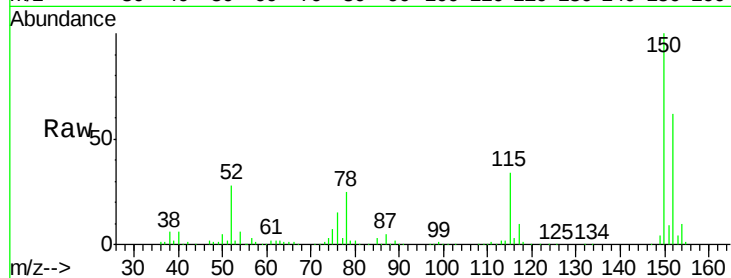
Tot Ion:152 Resp: 393261

Ion Ratio Lower Upper

152 100

115 54.6 25.6 76.6

150 160.7 0.0 306.8



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

