

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061818\
 Data File : VD058188.D
 Acq On : 18 Jun 2018 18:34
 Operator : VA/AP
 Sample : J3554-06
 Misc : 6.66g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A-5(2.5)

Quant Time: Jun 19 07:05:39 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	526165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	711396	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.69	117	555235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.92	152	268317	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	356043	67.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	135.38%	
35) Dibromofluoromethane	5.54	113	341424	62.03	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	124.06%	
50) Toluene-d8	8.71	98	723496	55.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.58%	
62) 4-Bromofluorobenzene	11.93	95	286830	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	

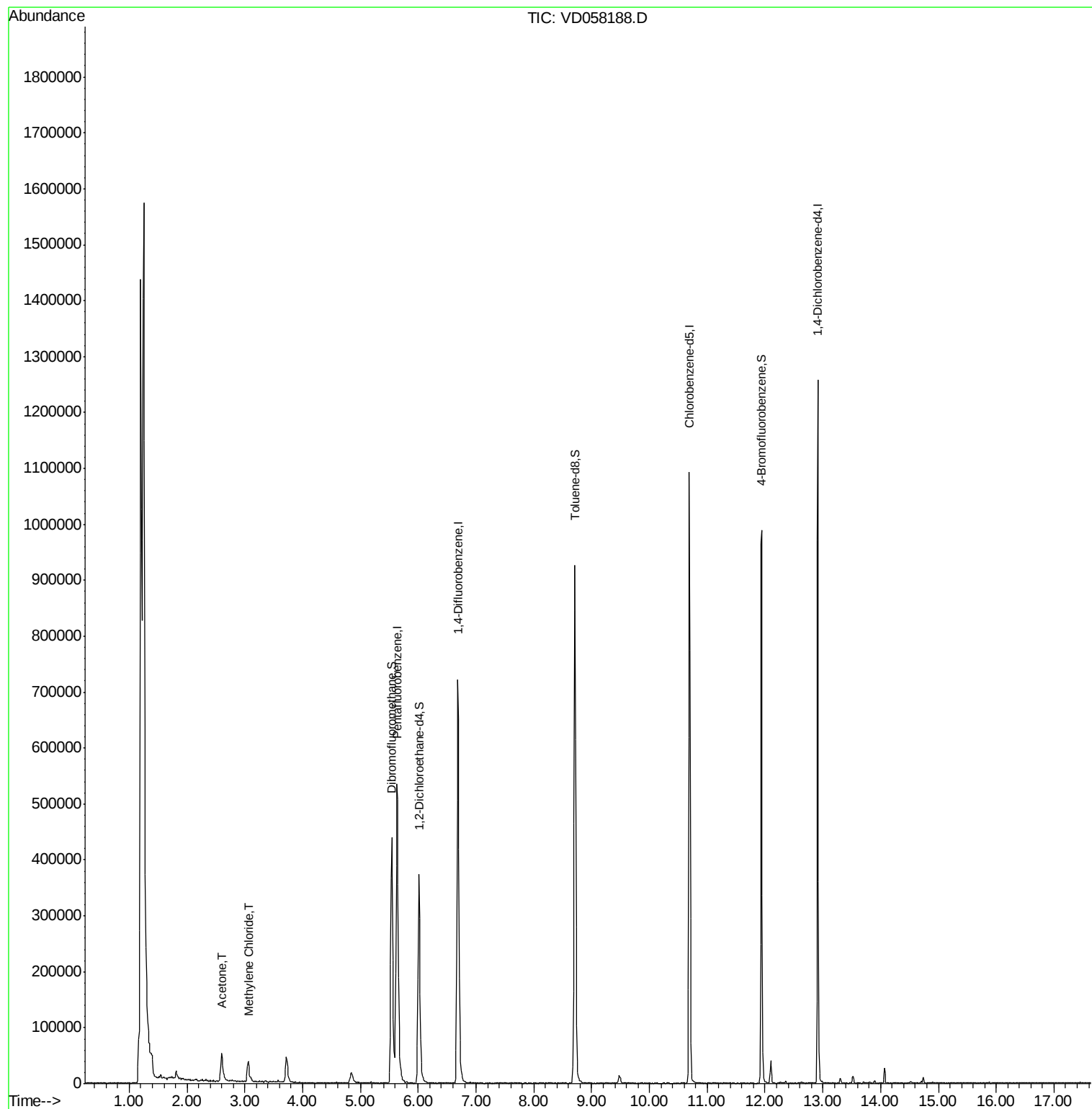
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.60	43	104716	138.17	ug/l	96
20) Methylene Chloride	3.06	84	18589	2.68	ug/l	# 91

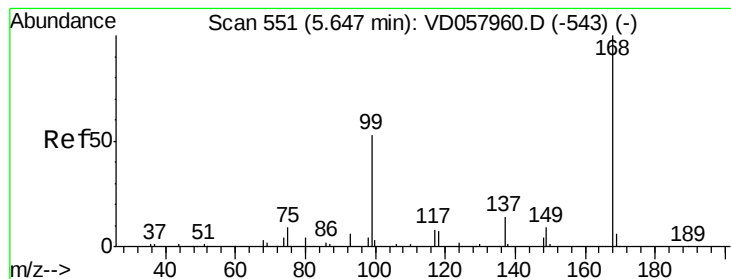
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD058188.D

Acq: 18 Jun 2018 18:34

Instrument :

MSVOA_D

ClientSampleId :

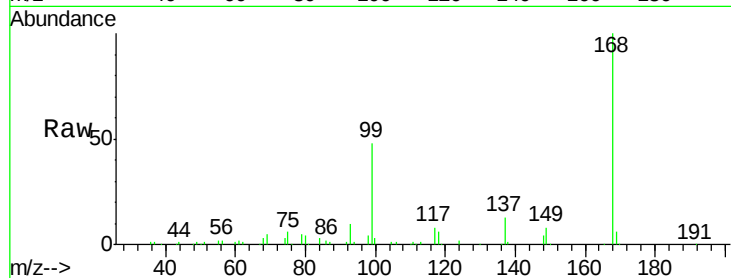
A-5(2.5)

Tot Ion:168 Resp: 526165

Ion Ratio Lower Upper

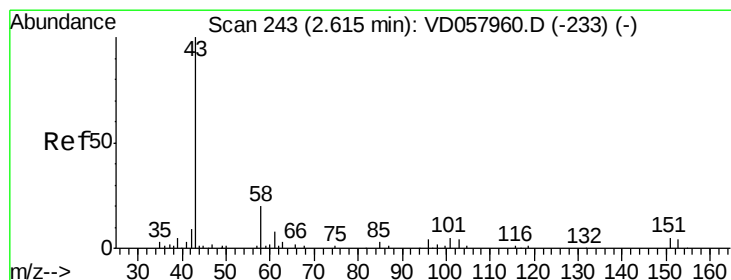
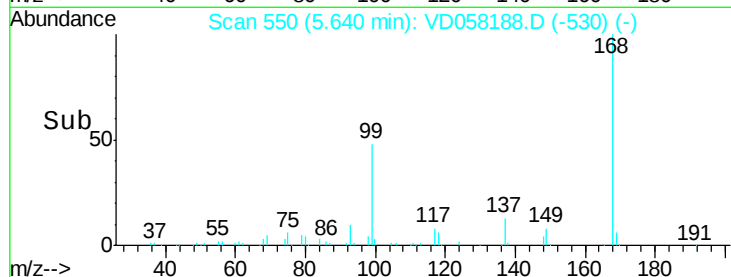
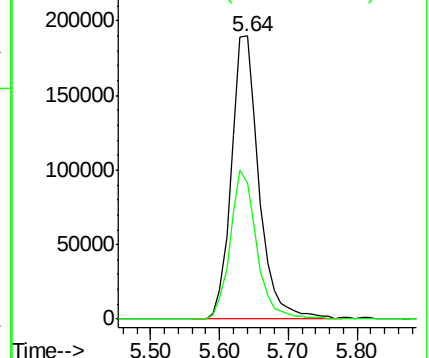
168 100

99 48.1 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: 138.17 ug/l

RT: 2.60 min Scan# 241

Delta R.T. -0.02 min

Lab File: VD058188.D

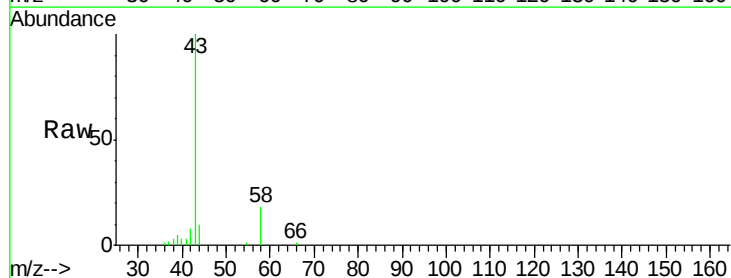
Acq: 18 Jun 2018 18:34

Tgt Ion: 43 Resp: 104716

Ion Ratio Lower Upper

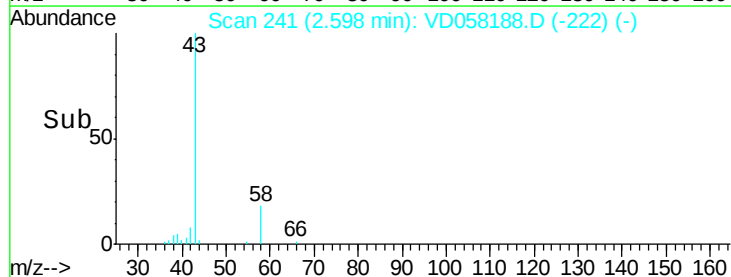
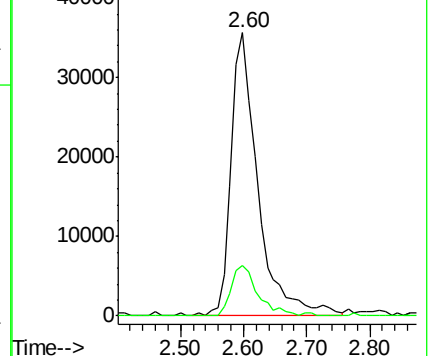
43 100

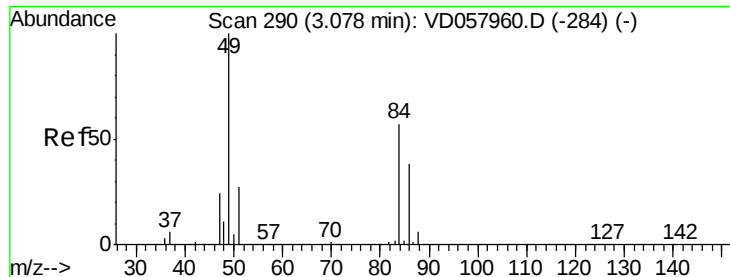
58 18.0 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

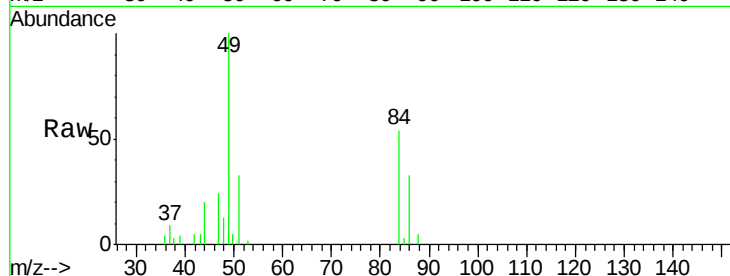




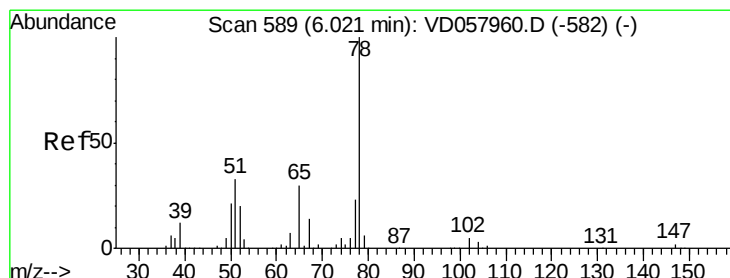
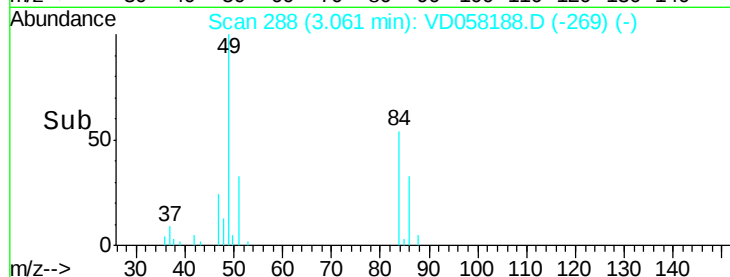
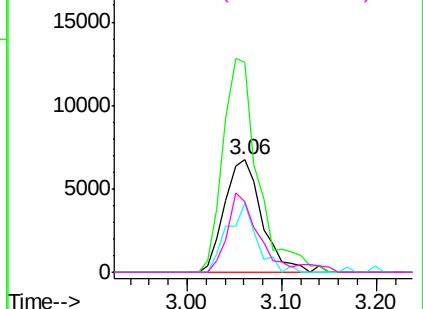
#20
Methvlene Chloride
Concen: 2.68 ug/l
RT: 3.06 min Scan# 288
Delta R.T. -0.02 min
Lab File: VD058188.D
Acq: 18 Jun 2018 18:34

Instrument :
MSVOA_D
ClientSampleId :
A-5(2.5)

Tot Ion: 84 Resp: 18589
Ion Ratio Lower Upper
84 100
49 186.8 141.4 212.0
51 61.4 38.3 57.5#
86 62.5 52.9 79.3

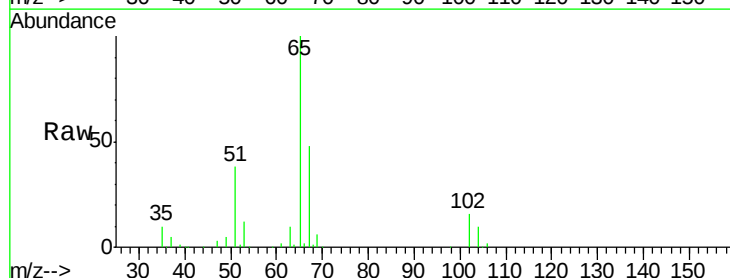


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

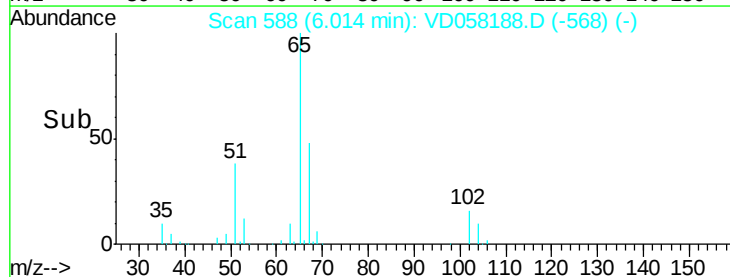
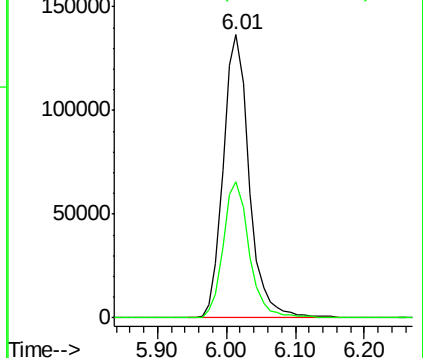


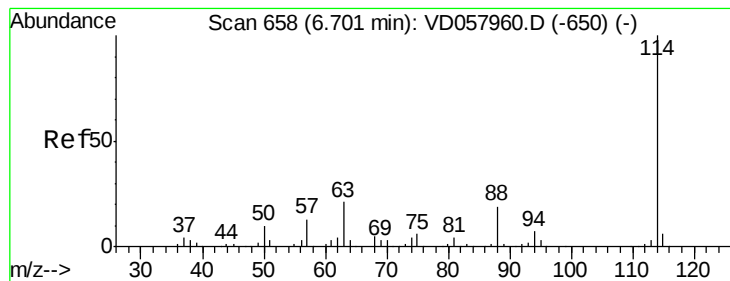
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 588
Delta R.T. -0.01 min
Lab File: VD058188.D
Acq: 18 Jun 2018 18:34

Tgt Ion: 65 Resp: 356043
Ion Ratio Lower Upper
65 100
67 48.2 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.68 min Scan# 656

Delta R.T. -0.02 min

Lab File: VD058188.D

Acq: 18 Jun 2018 18:34

Instrument :

MSVOA_D

ClientSampleId :

A-5(2.5)

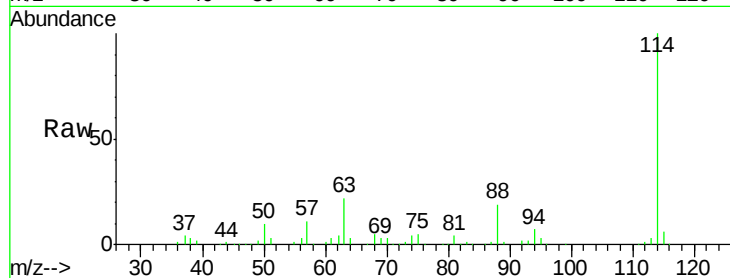
Tot Ion:114 Resp: 711396

Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.8

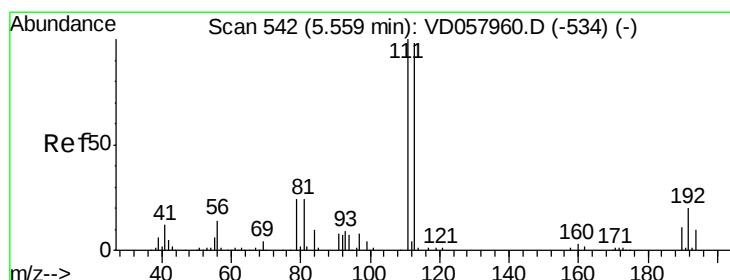
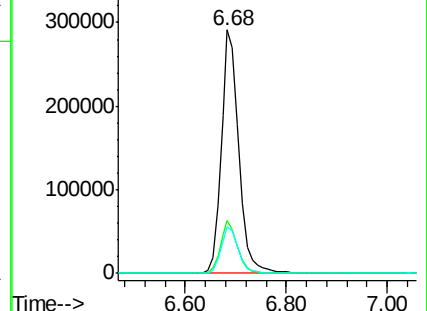
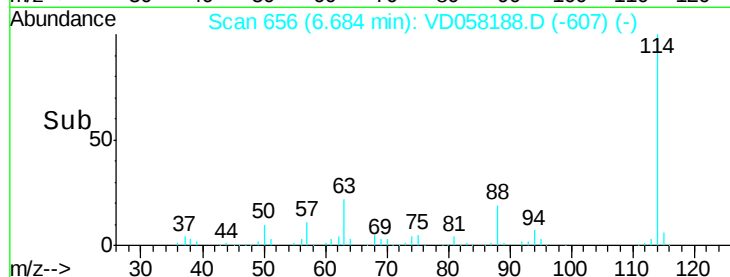
88 19.2 0.0 37.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.02 min

Lab File: VD058188.D

Acq: 18 Jun 2018 18:34

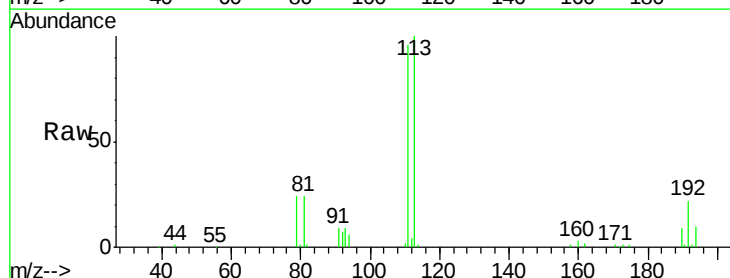
Tgt Ion:113 Resp: 341424

Ion Ratio Lower Upper

113 100

111 96.0 81.5 122.3

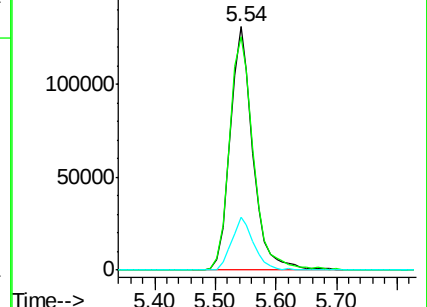
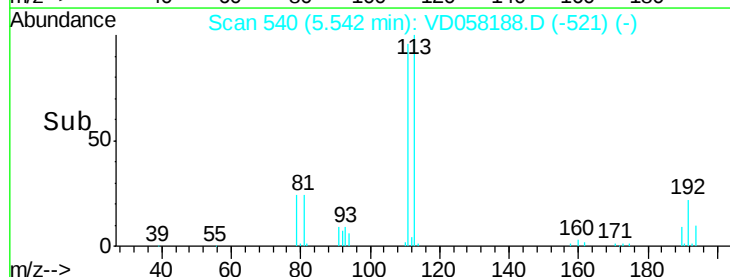
192 21.6 16.4 24.6

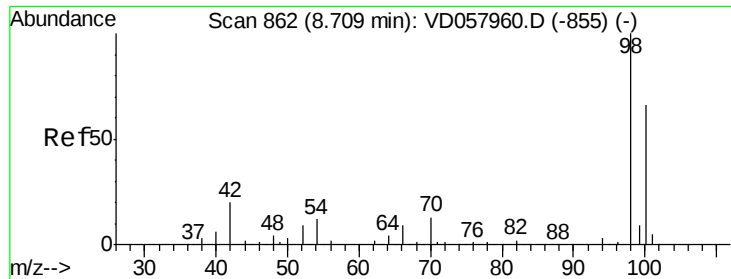


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

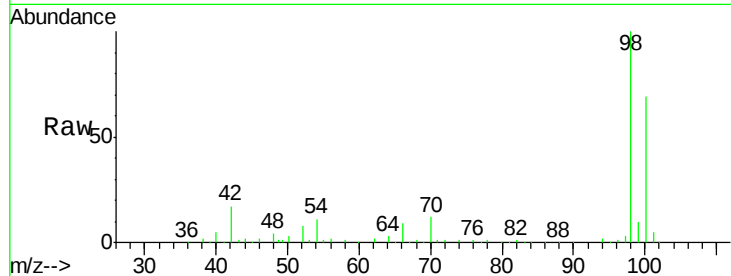




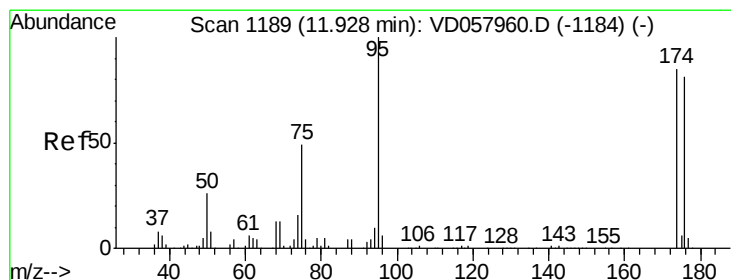
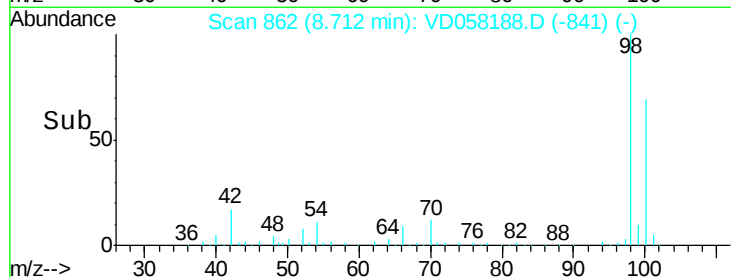
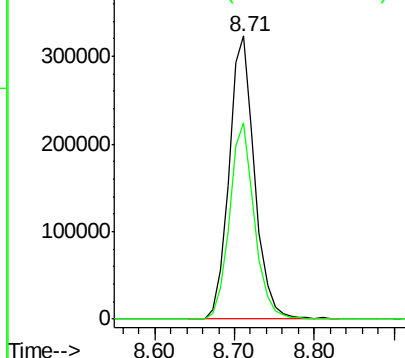
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 862
Delta R.T. 0.00 min
Lab File: VD058188.D
Acq: 18 Jun 2018 18:34

Instrument :
MSVOA_D
ClientSampleId :
A-5(2.5)

Tot Ion: 98 Resp: 723496
Ion Ratio Lower Upper
98 100
100 69.2 53.4 80.0

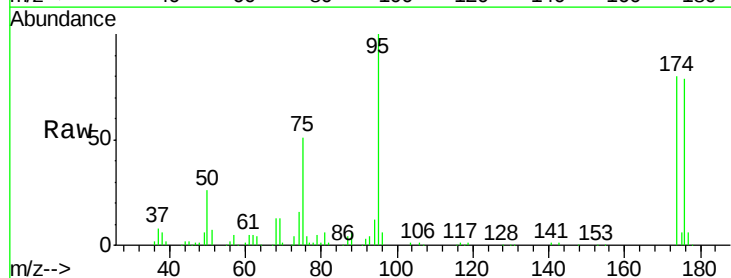


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

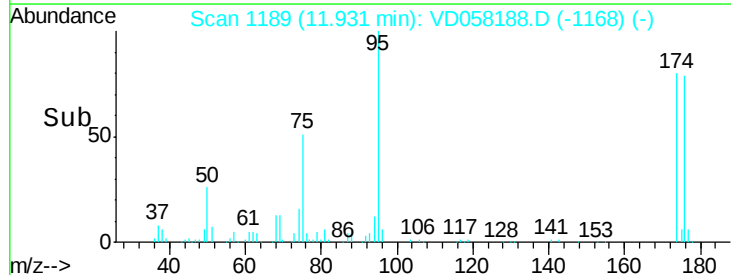
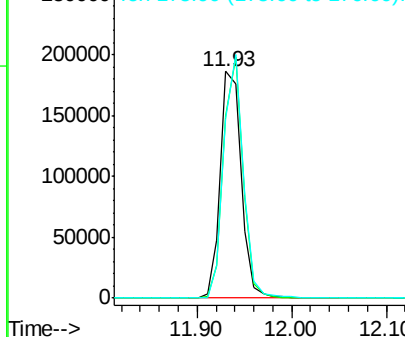


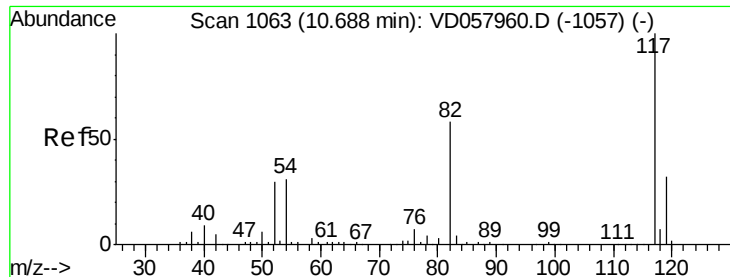
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VD058188.D
Acq: 18 Jun 2018 18:34

Tgt Ion: 95 Resp: 286830
Ion Ratio Lower Upper
95 100
174 80.3 0.0 169.4
176 79.0 0.0 162.6



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

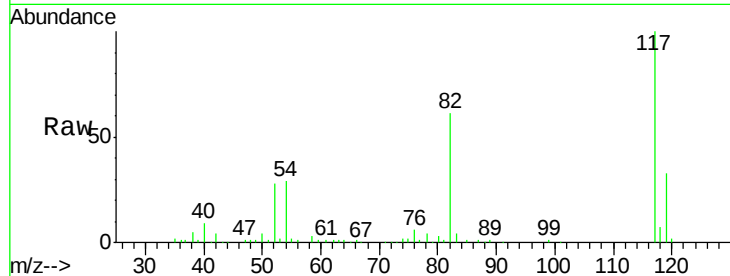




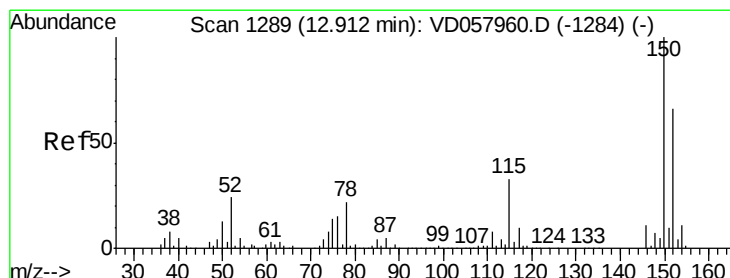
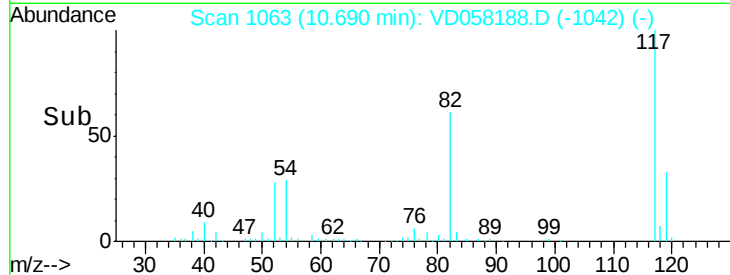
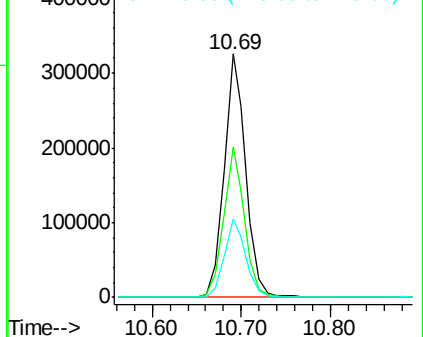
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VD058188.D
Acq: 18 Jun 2018 18:34

Instrument :
MSVOA_D
ClientSampleId :
A-5(2.5)

Tot Ion:117 Resp: 555235
Ion Ratio Lower Upper
117 100
82 61.5 46.8 70.2
119 32.5 25.8 38.6

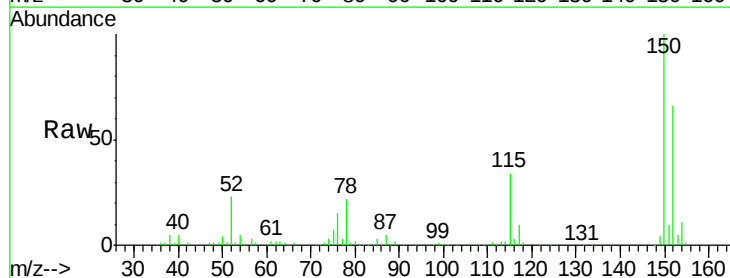


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.92 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD058188.D
Acq: 18 Jun 2018 18:34

Tgt Ion:152 Resp: 268317
Ion Ratio Lower Upper
152 100
115 51.1 25.6 76.6
150 151.8 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

