

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060818\
 Data File : VD058056.D
 Acq On : 9 Jun 2018 11:05
 Operator : VA/AP
 Sample : J3377-01RE
 Misc : 5.48g/5ml/MSVOA D/SOIL
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-B-DB-SRE

Quant Time: Jun 11 04:56:16 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	5.63	168	564493	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	746662	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	566957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	269799	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	347819	61.63	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	123.26%	
35) Dibromofluoromethane	5.54	113	346170	59.92	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	119.84%	
50) Toluene-d8	8.69	98	764099	55.63	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	111.26%	
62) 4-Bromofluorobenzene	11.92	95	313768	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	

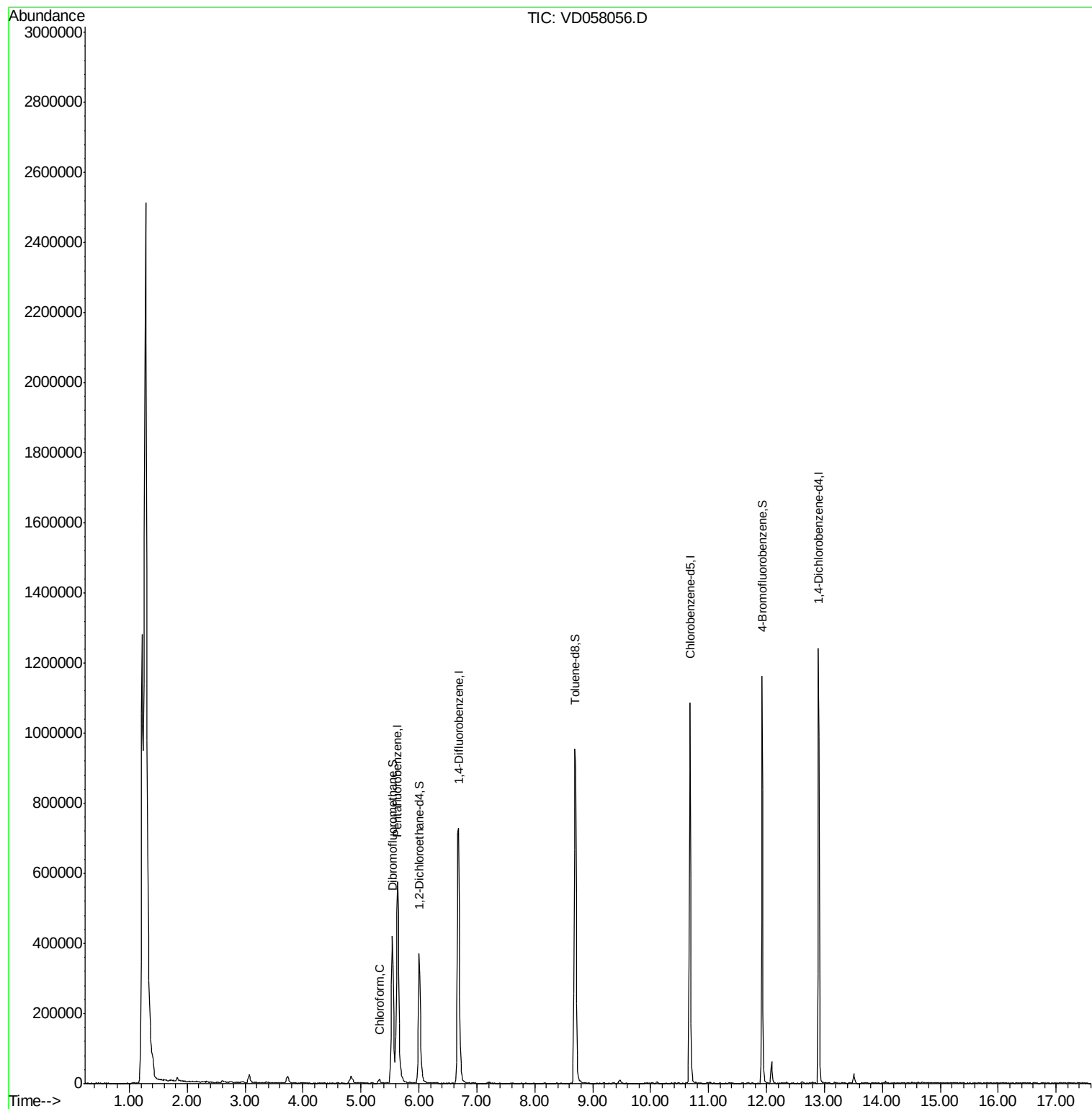
Target Compounds						Qvalue
30) Chloroform	5.32	83	12344	1.08	ug/l	# 78

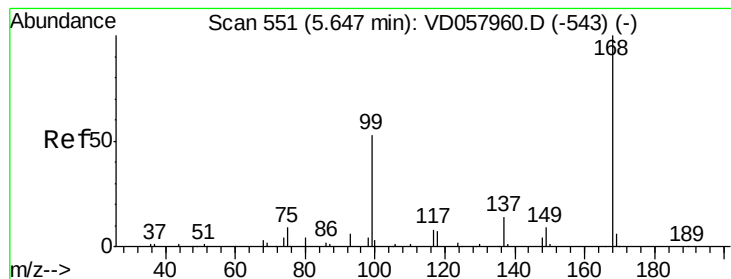
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.63 min Scan# 549

Delta R.T. -0.02 min

Lab File: VD058056.D

Acq: 9 Jun 2018 11:05

Instrument :

MSVOA_D

ClientSampleId :

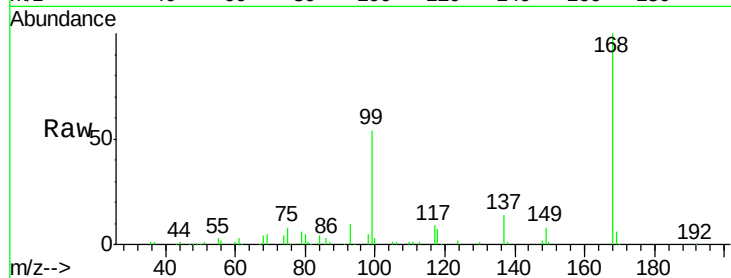
TP-B-DB-SRE

Tot Ion:168 Resp: 564493

Ion Ratio Lower Upper

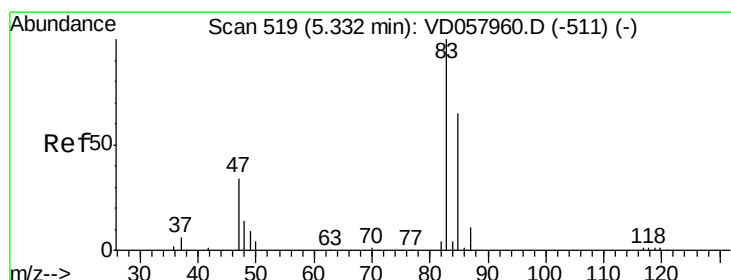
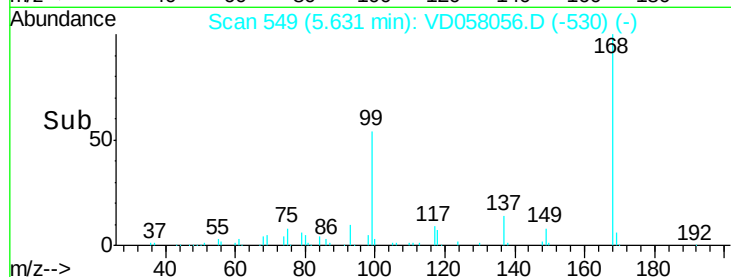
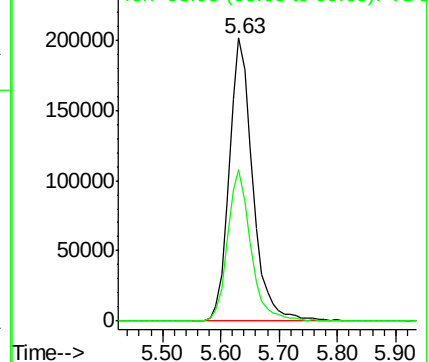
168 100

99 53.5 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#30

Chloroform

Concen: 1.08 ug/l

RT: 5.32 min Scan# 517

Delta R.T. -0.02 min

Lab File: VD058056.D

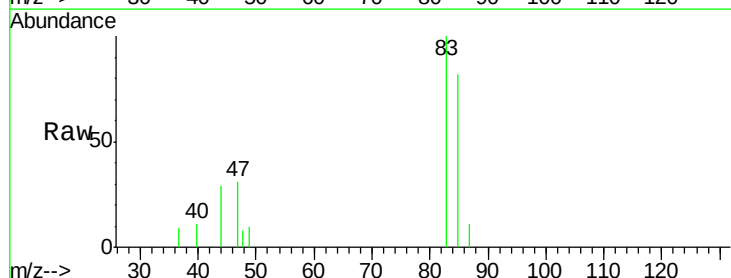
Acq: 9 Jun 2018 11:05

Tgt Ion: 83 Resp: 12344

Ion Ratio Lower Upper

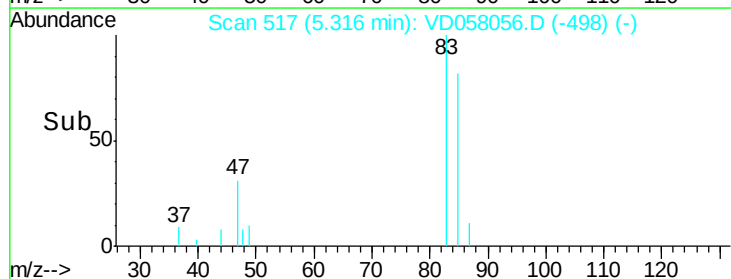
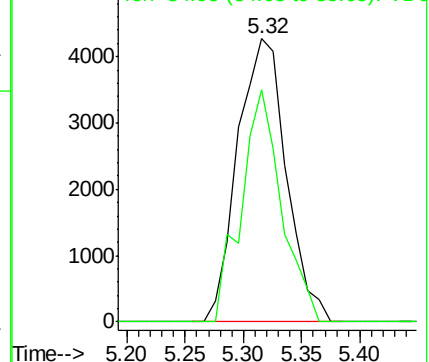
83 100

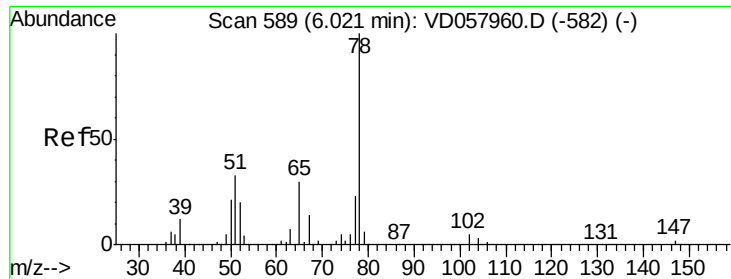
85 81.8 51.6 77.4#



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

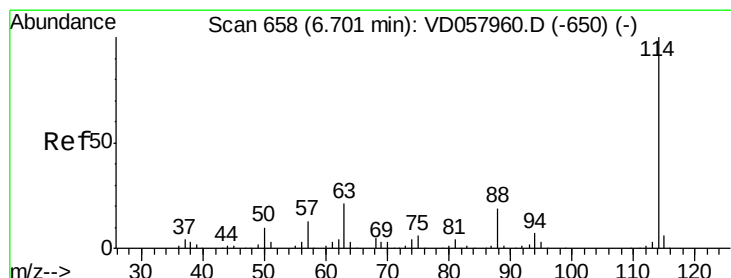
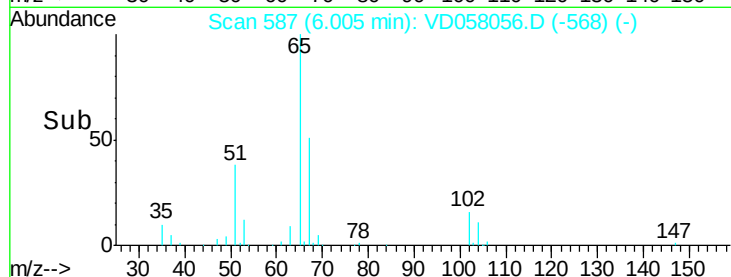
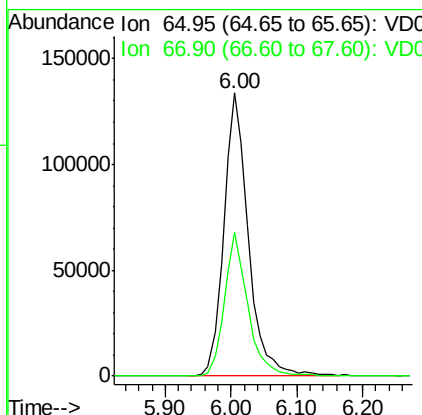
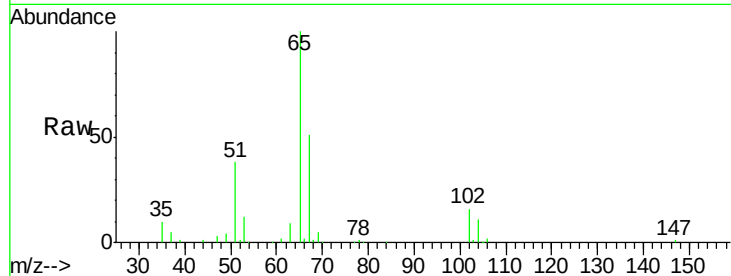




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.00 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: VD058056.D
 Acq: 9 Jun 2018 11:05

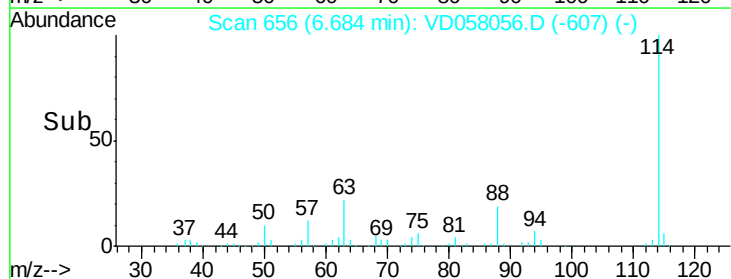
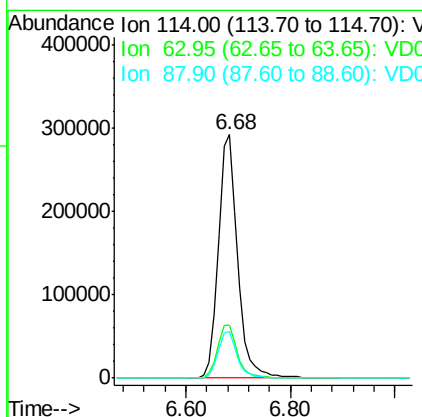
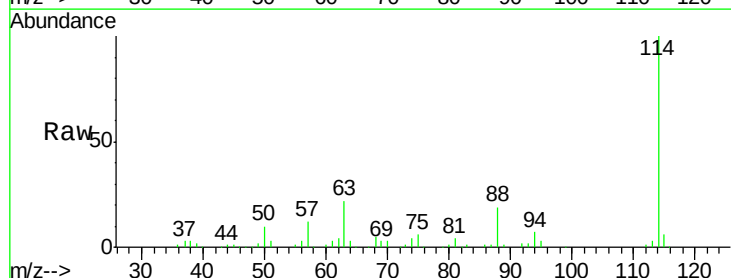
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-B-DB-SRE

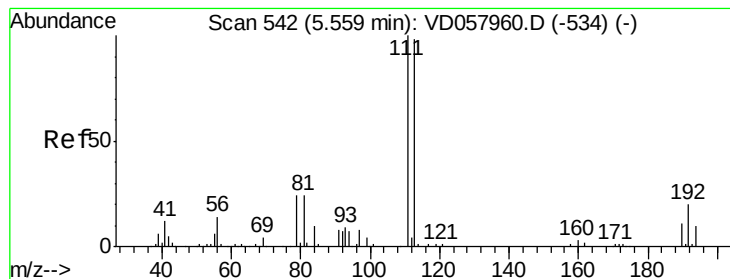
Tot Ion: 65 Resp: 347819
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 94.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. -0.02 min
 Lab File: VD058056.D
 Acq: 9 Jun 2018 11:05

Tgt Ion: 114 Resp: 746662
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 42.8
 88 19.3 0.0 37.8





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.02 min

Lab File: VD058056.D

Acq: 9 Jun 2018 11:05

Instrument :

MSVOA_D

ClientSampleId :

TP-B-DB-SRE

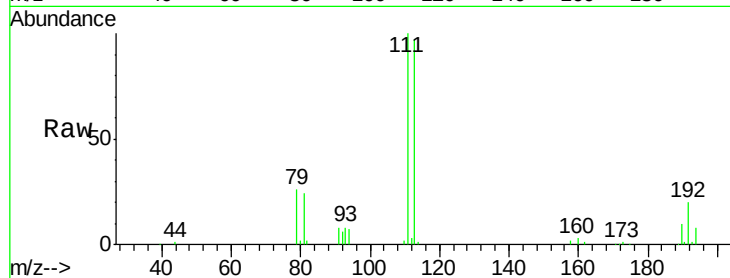
Tot Ion:113 Resp: 346170

Ion Ratio Lower Upper

113 100

111 103.0 81.5 122.3

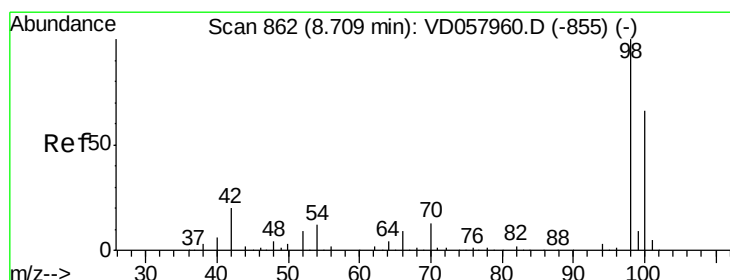
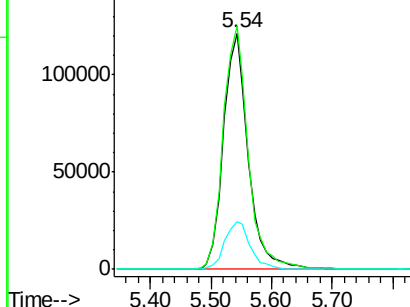
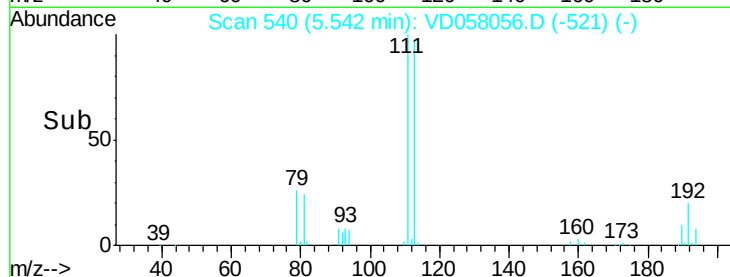
192 20.4 16.4 24.6



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: 8.69 min Scan# 860

Delta R.T. -0.02 min

Lab File: VD058056.D

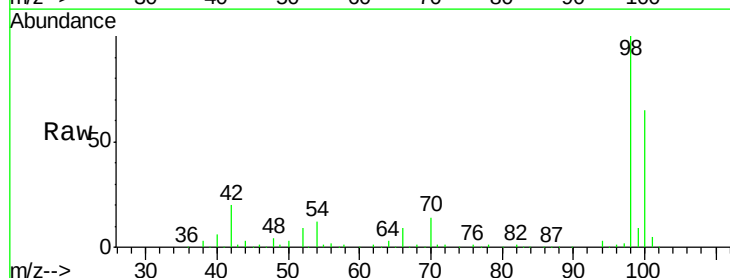
Acq: 9 Jun 2018 11:05

Tgt Ion: 98 Resp: 764099

Ion Ratio Lower Upper

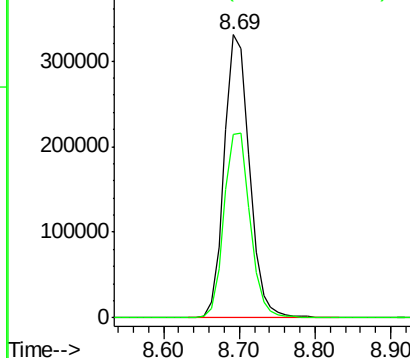
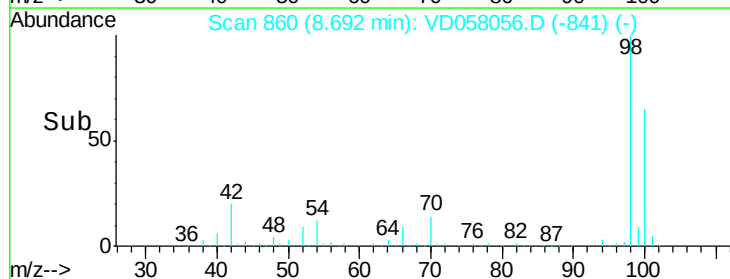
98 100

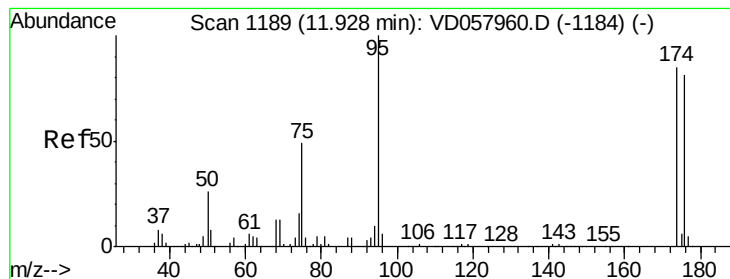
100 64.7 53.4 80.0



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: 11.92 min Scan# 1188

Delta R.T. -0.01 min

Lab File: VD058056.D

Acq: 9 Jun 2018 11:05

Instrument :

MSVOA_D

ClientSampleId :

TP-B-DB-SRE

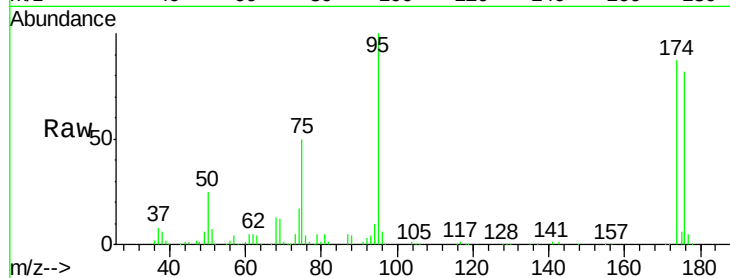
Tot Ion: 95 Resp: 313768

Ion Ratio Lower Upper

95 100

174 86.6 0.0 169.4

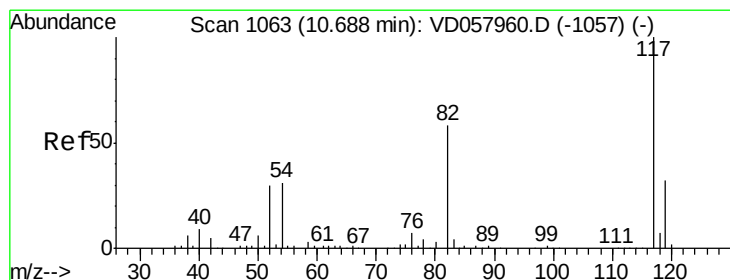
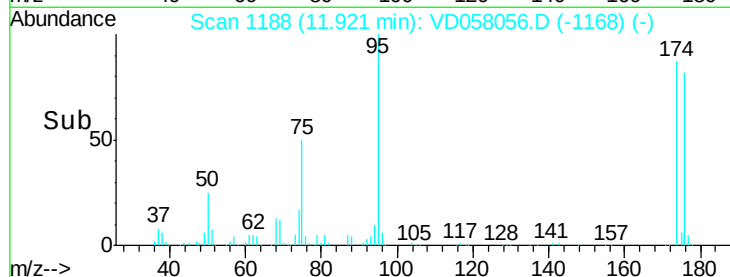
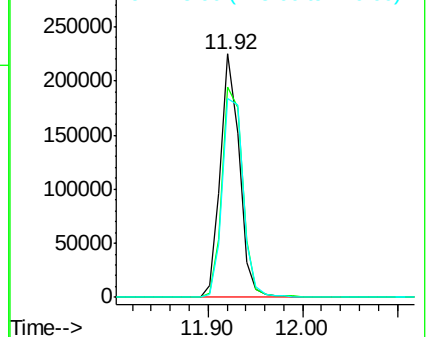
176 81.8 0.0 162.6



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: VD058056.D

Acq: 9 Jun 2018 11:05

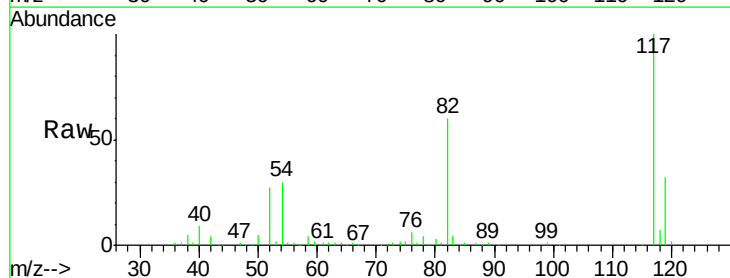
Tgt Ion: 117 Resp: 566957

Ion Ratio Lower Upper

117 100

82 59.6 46.8 70.2

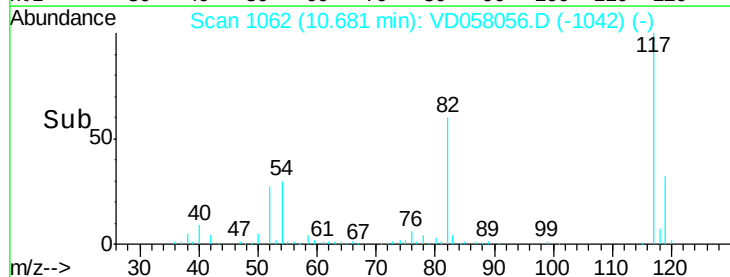
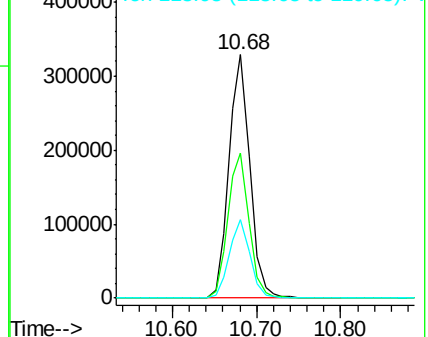
119 32.3 25.8 38.6

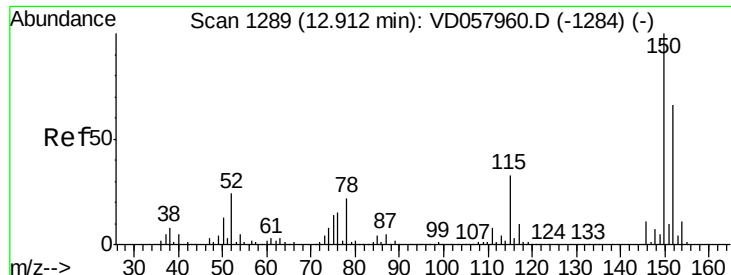


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

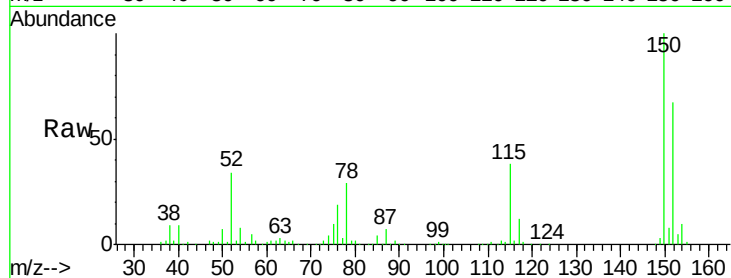




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.90 min Scan# 1287
 Delta R.T. -0.02 min
 Lab File: VD058056.D
 Acq: 9 Jun 2018 11:05

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-B-DB-SRE

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.5	25.6	76.6
150	150.1	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

