

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073018\
 Data File : VD059635.D
 Acq On : 30 Jul 2018 23:05
 Operator : VA/AP
 Sample : J4189-19RE
 Misc : 6.51g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14-DRE

Quant Time: Jul 31 06:57:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 07:10:33 2018
 Response via : Initial Calibration

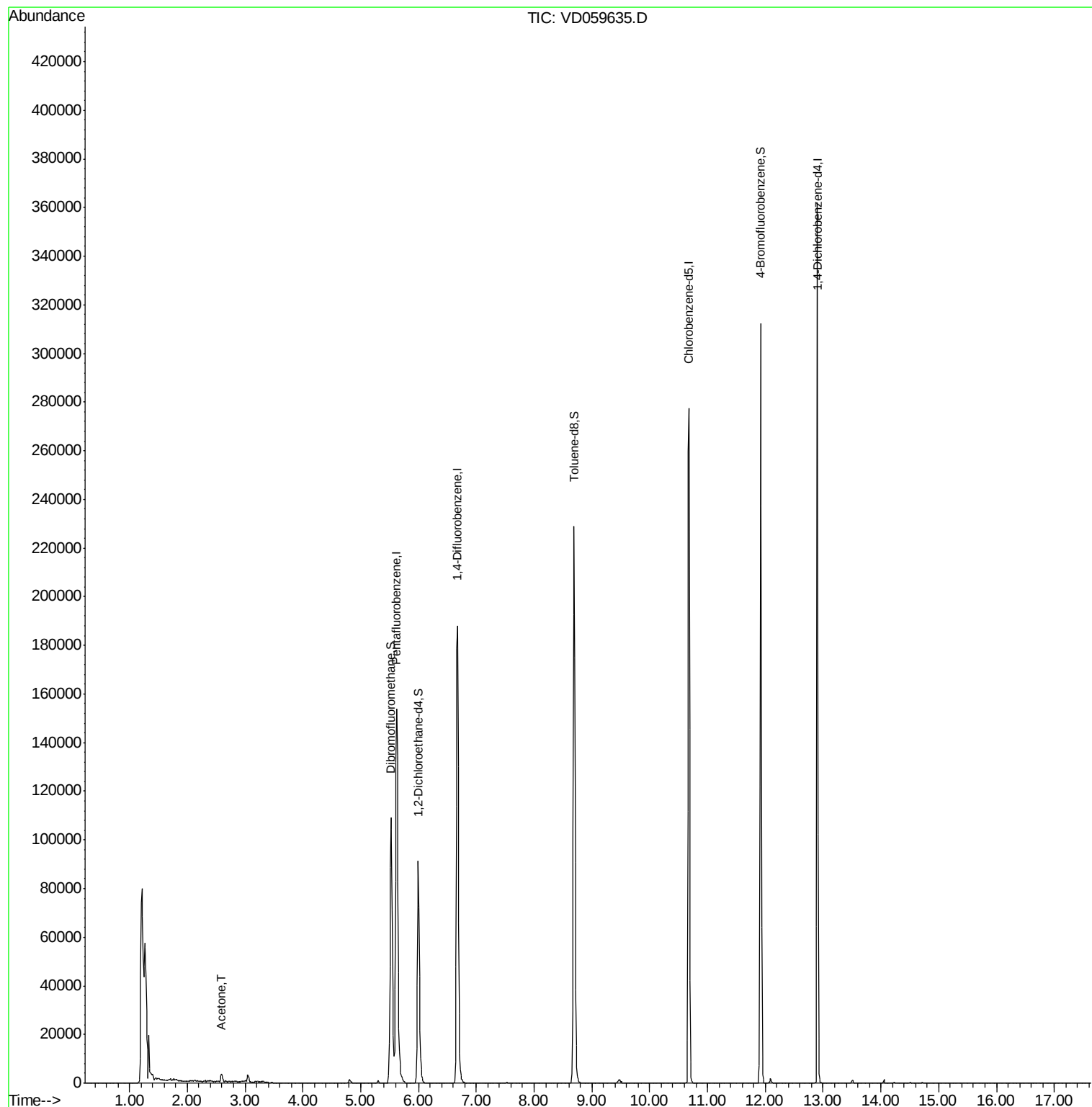
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	143109	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.68	114	186853	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.68	117	147680	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	80890	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	100336	55.77	ug/l	0.02
Spiked Amount 50.000			Recovery	=	111.54%	
35) Dibromofluoromethane	5.52	113	91005	56.78	ug/l	0.02
Spiked Amount 50.000			Recovery	=	113.56%	
50) Toluene-d8	8.69	98	181591	49.94	ug/l	0.02
Spiked Amount 50.000			Recovery	=	99.88%	
62) 4-Bromofluorobenzene	11.92	95	86013	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.04%	
Target Compounds						
16) Acetone	2.59	43	5548	20.42	ug/l	Qvalue 100

(#) = 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: 5.62 min Scan# 549

Delta R.T. 0.02 min

Lab File: VD059635.D

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MSVOA_D

ClientSampleId :

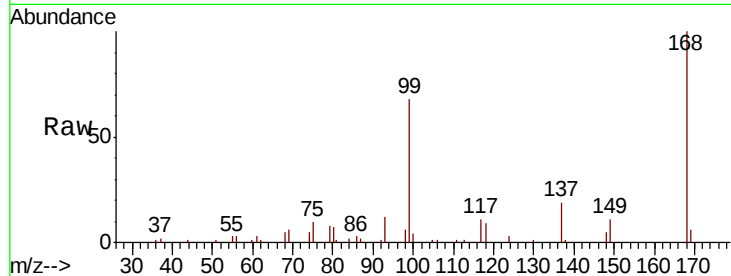
TP-14-DRE

Tot Ion:168 Resp: 143109

Ion Ratio Lower Upper

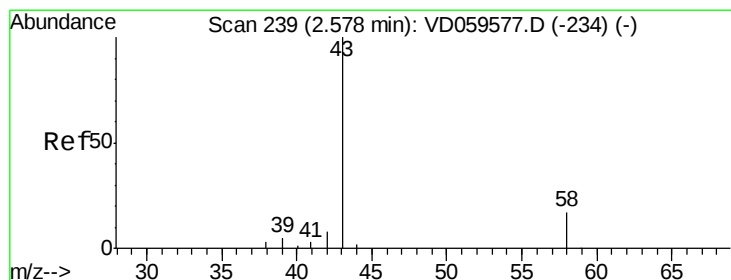
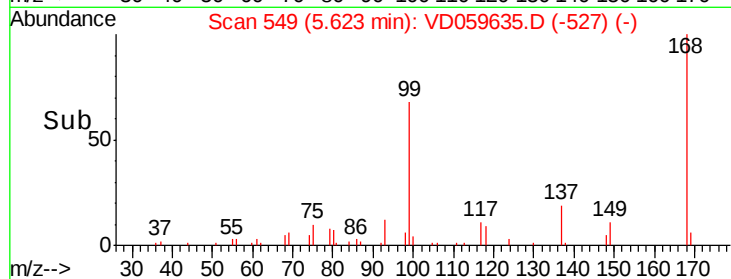
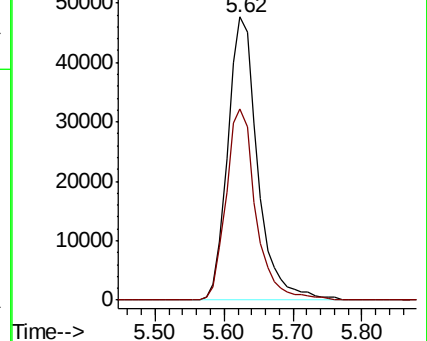
168 100

99 67.7 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 20.42 ug/l

RT: 2.59 min Scan# 241

Delta R.T. 0.02 min

Lab File: VD059635.D

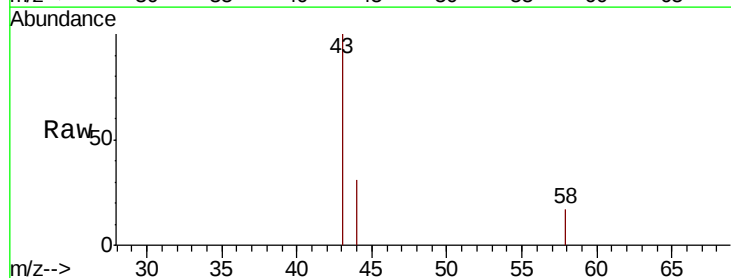
Acq: 30 Jul 2018 23:05

Tgt Ion: 43 Resp: 5548

Ion Ratio Lower Upper

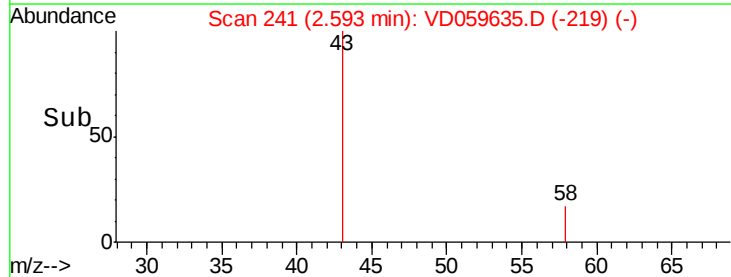
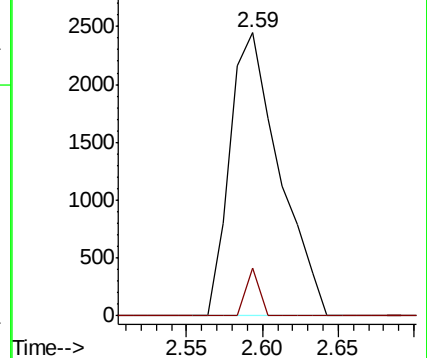
43 100

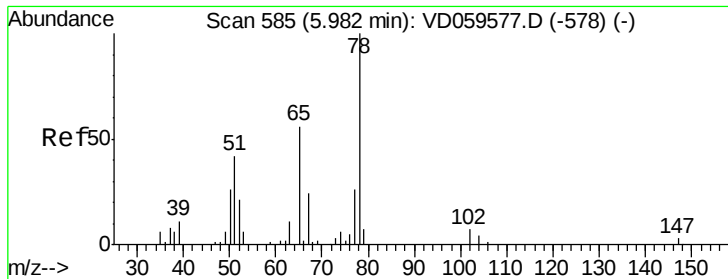
58 16.8 13.4 20.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): 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: VD059635.D

Acq: 30 Jul 2018 23:05

Instrument :

MSVOA_D

ClientSampleId :

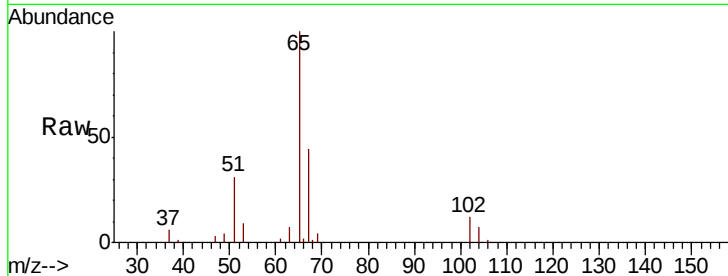
TP-14-DRE

Tot Ion: 65 Resp: 100336

Ion Ratio Lower Upper

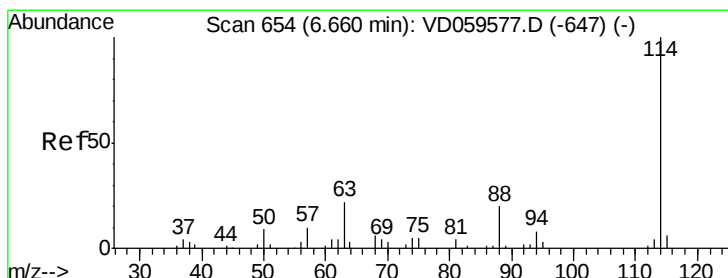
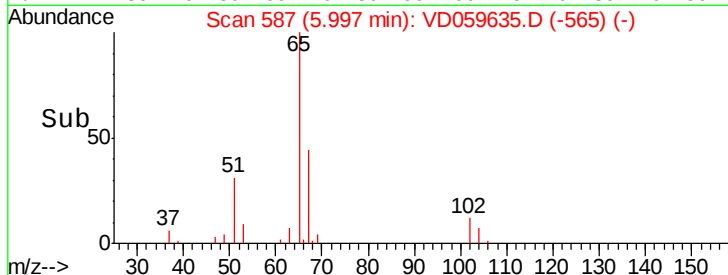
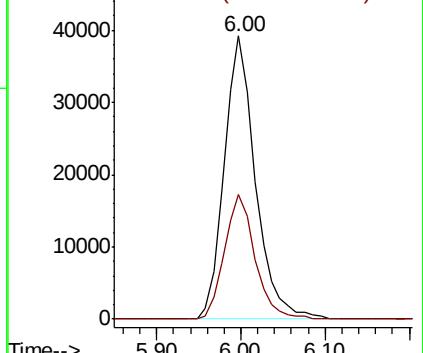
65 100

67 44.1 0.0 86.4



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: VD059635.D

Acq: 30 Jul 2018 23:05

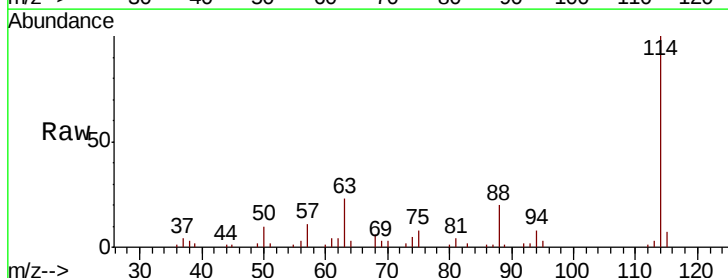
Tgt Ion: 114 Resp: 186853

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.8

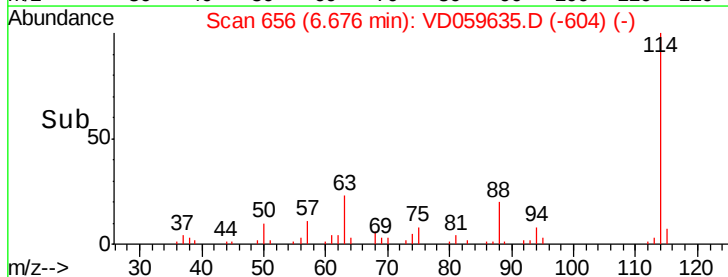
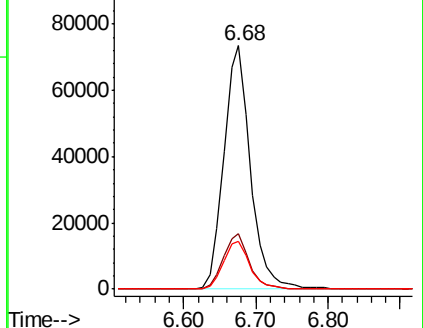
88 19.5 0.0 39.0

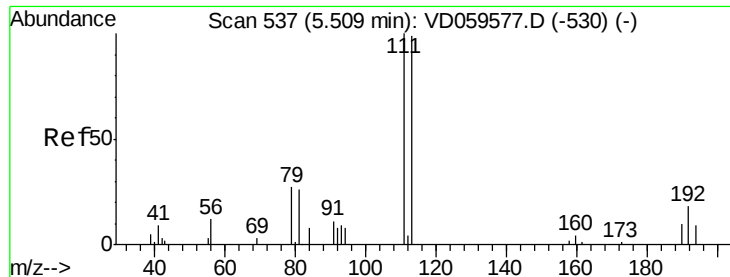


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

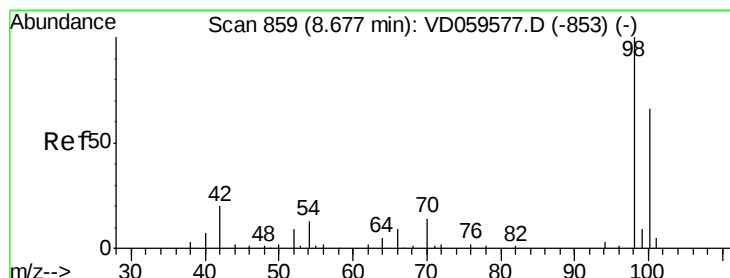
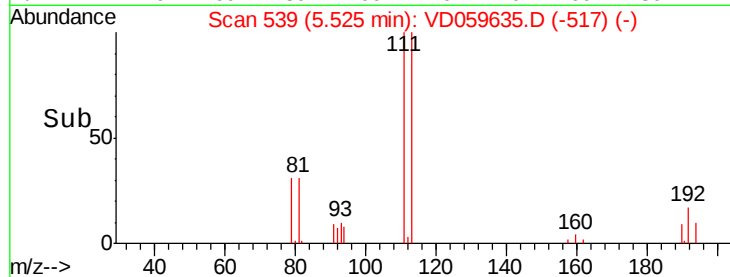
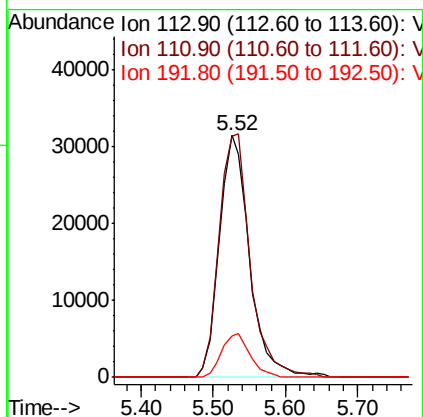
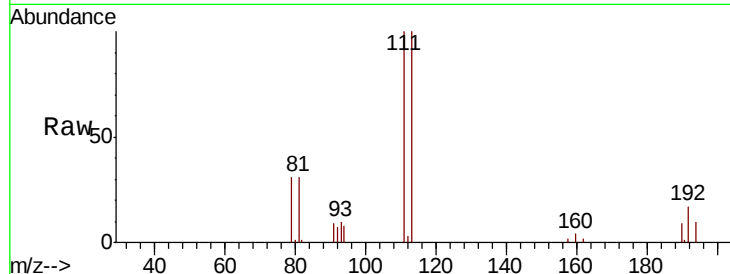




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.52 min Scan# 539
 Delta R.T. 0.02 min
 Lab File: VD059635.D
 Acq: 30 Jul 2018 23:05

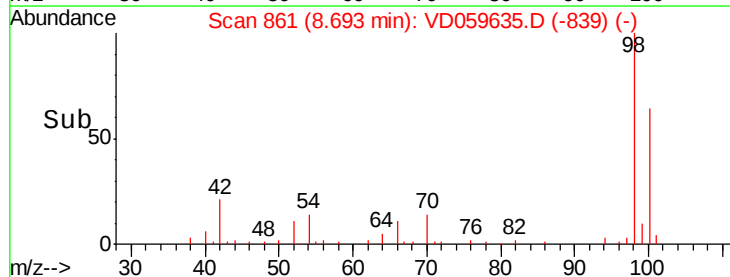
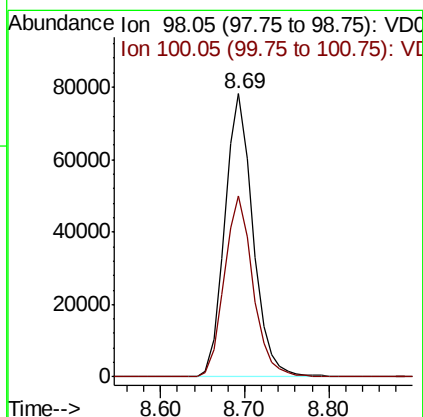
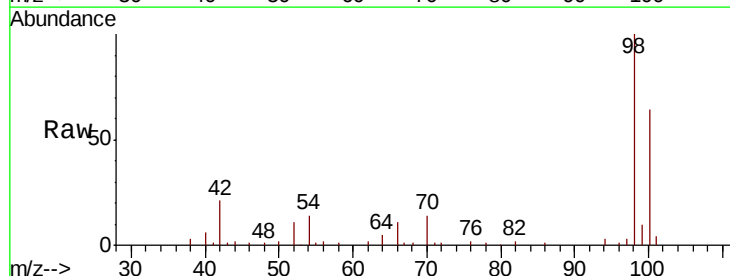
Instrument :
 MSVOA_D
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 TP-14-DRE

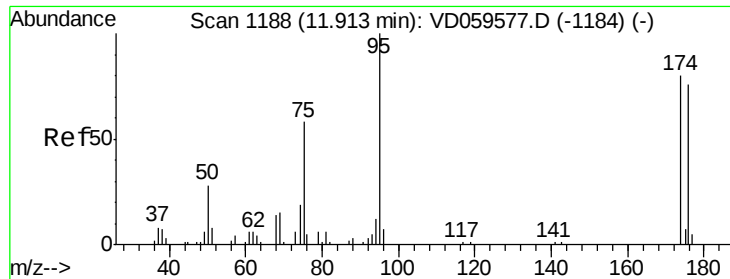
Tot Ion:113 Resp: 91005
 Ion Ratio Lower Upper
 113 100
 111 99.6 80.5 120.7
 192 17.3 14.5 21.7



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 8.69 min Scan# 861
 Delta R.T. 0.02 min
 Lab File: VD059635.D
 Acq: 30 Jul 2018 23:05

Tgt Ion: 98 Resp: 181591
 Ion Ratio Lower Upper
 98 100
 100 64.1 53.2 79.8





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD059635.D

Acq: 30 Jul 2018 23:05

Instrument :

MSVOA_D

ClientSampleId :

TP-14-DRE

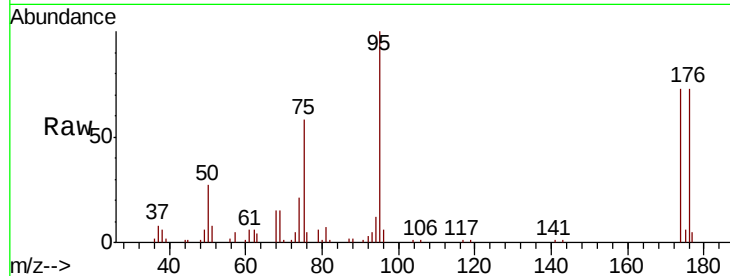
Tot Ion: 95 Resp: 86013

Ion Ratio Lower Upper

95 100

174 72.8 0.0 160.6

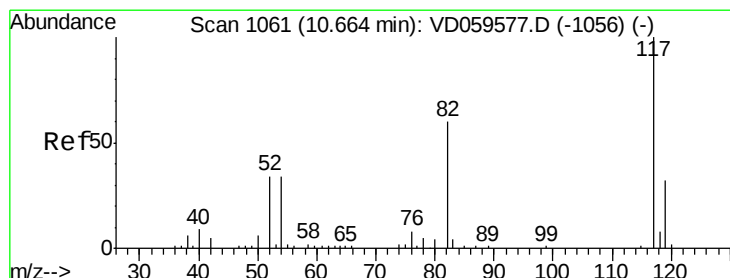
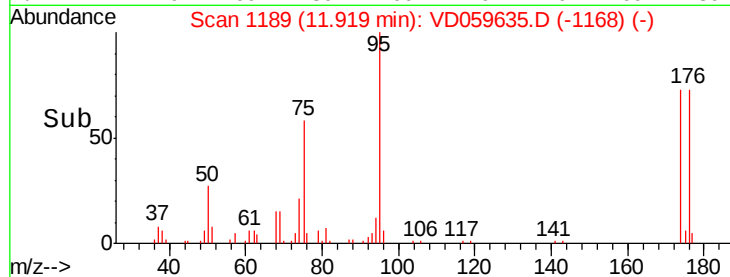
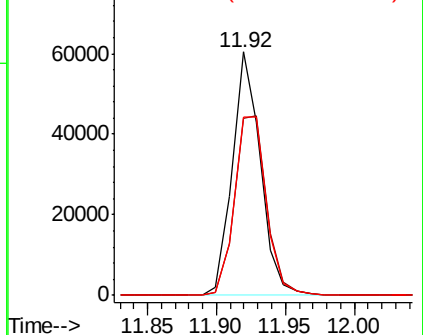
176 73.0 0.0 152.8



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# 1063

Delta R.T. 0.02 min

Lab File: VD059635.D

Acq: 30 Jul 2018 23:05

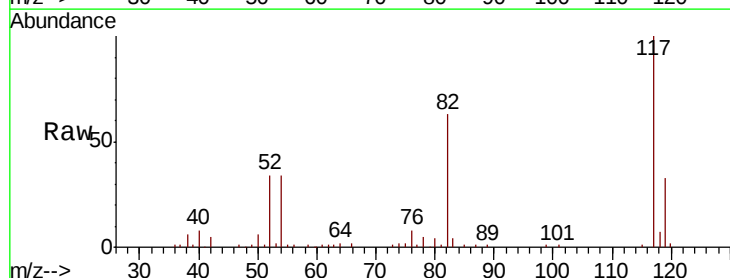
Tgt Ion: 117 Resp: 147680

Ion Ratio Lower Upper

117 100

82 62.5 48.2 72.2

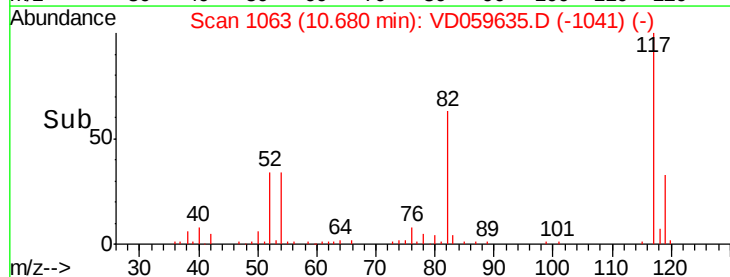
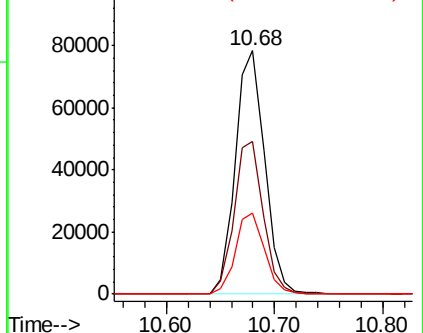
119 33.1 25.4 38.2

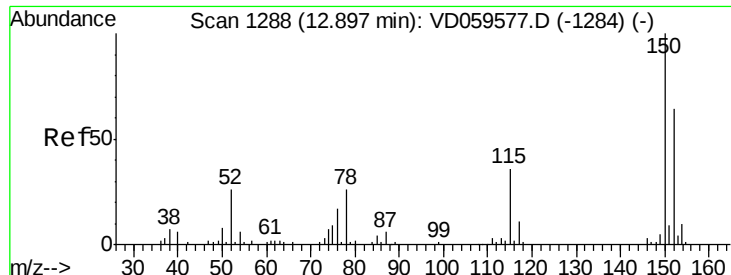


Abundance Ion 116.95 (116.65 to 117.65): V

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# 1289
 Delta R.T. 0.01 min
 Lab File: VD059635.D
 Acq: 30 Jul 2018 23:05

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14-DRE

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.7	29.5	88.6
150	154.8	0.0	314.4

