

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061418\
 Data File : VD058139.D
 Acq On : 14 Jun 2018 16:52
 Operator : VA/AP
 Sample : J3239-11
 Misc : 6.78g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-06-061318-B

Quant Time: Jun 15 07:10:23 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

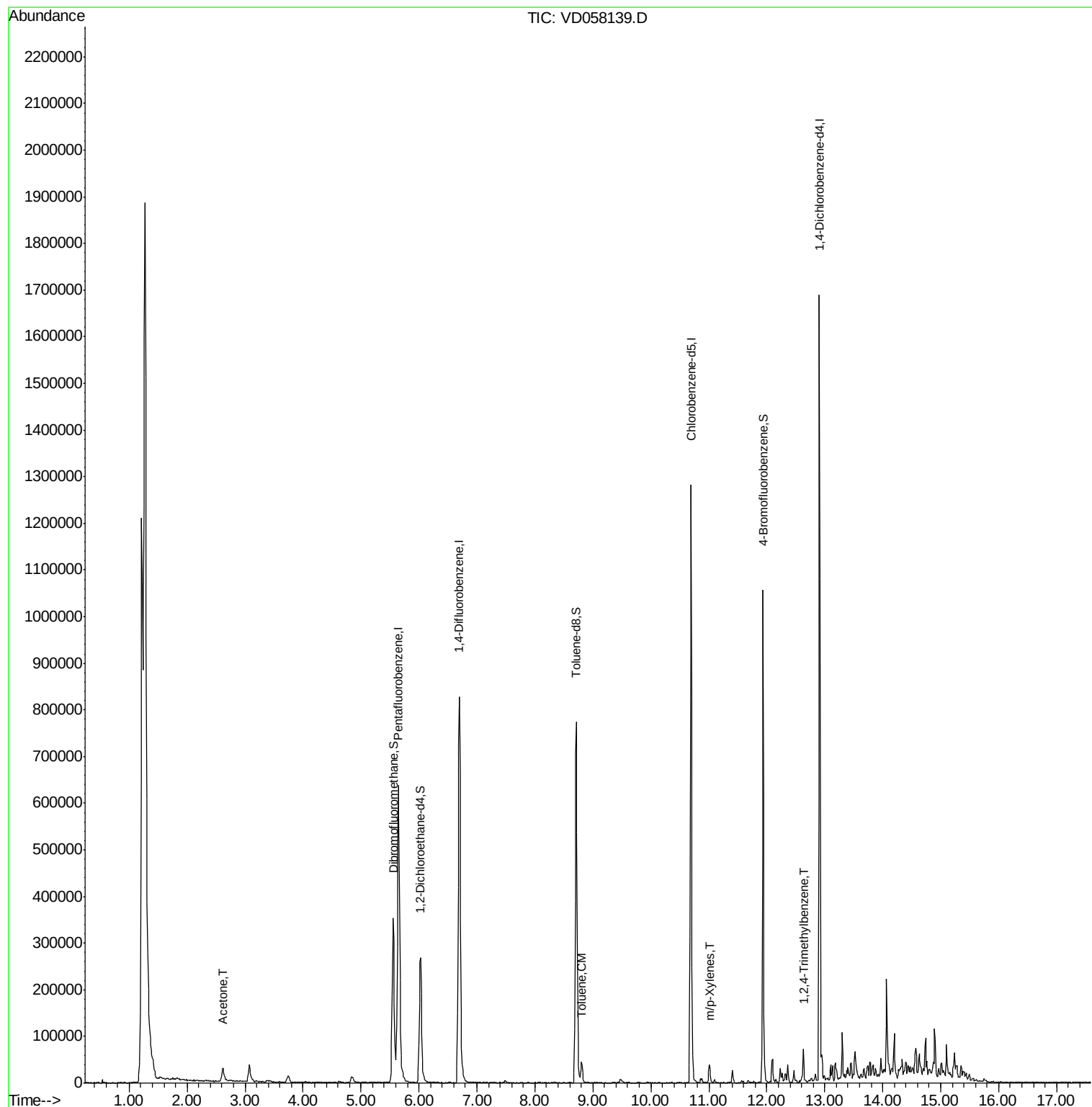
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	641844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	837829	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	672430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	344664	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	273409	42.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.22%	
35) Dibromofluoromethane	5.55	113	280906	43.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.66%	
50) Toluene-d8	8.71	98	615787	39.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.92%	
62) 4-Bromofluorobenzene	11.93	95	266015	39.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.14%	
Target Compounds						
16) Acetone	2.61	43	60400	65.333	ug/l	100
52) Toluene	8.81	92	19710	1.593	ug/l	88
68) m/p-Xylenes	11.01	106	11188	1.395	ug/l	82
84) 1,2,4-Trimethylbenzene	12.63	105	31853	1.664	ug/l	98

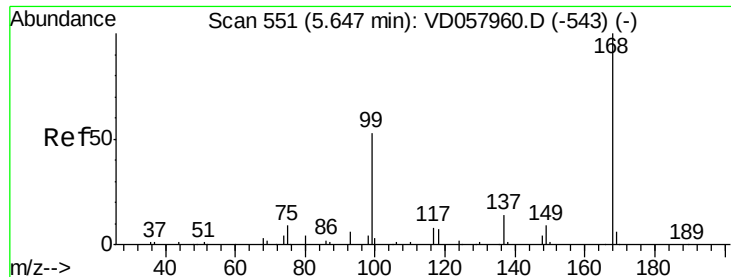
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061418\
Data File : VD058139.D
Acq On : 14 Jun 2018 16:52
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.00 min

Lab File: VD058139.D

Acq: 14 Jun 2018 16:52

Instrument :

MSVOA_D

ClientSampleId :

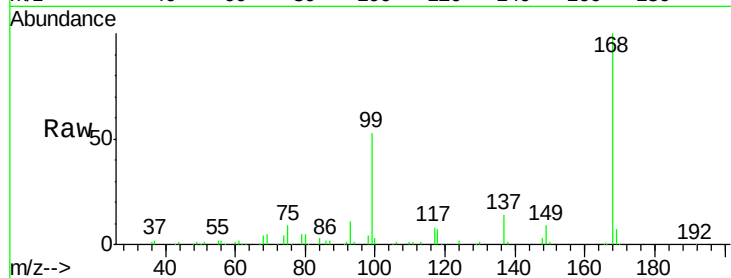
AU-06-061318-B

Tot Ion:168 Resp: 641844

Ion Ratio Lower Upper

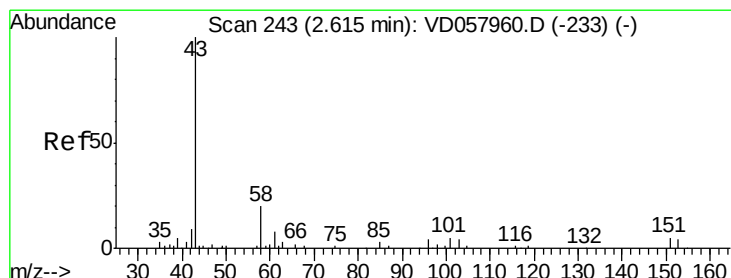
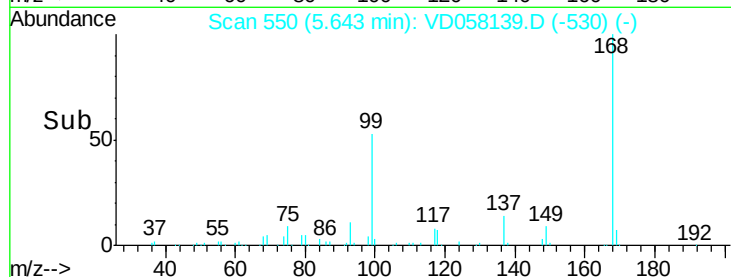
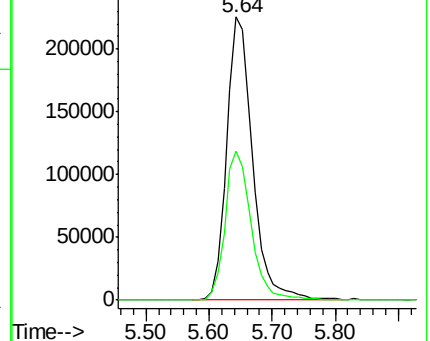
168 100

99 52.7 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: 65.333 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.00 min

Lab File: VD058139.D

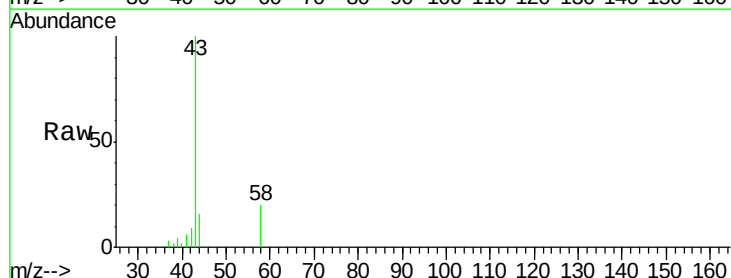
Acq: 14 Jun 2018 16:52

Tgt Ion: 43 Resp: 60400

Ion Ratio Lower Upper

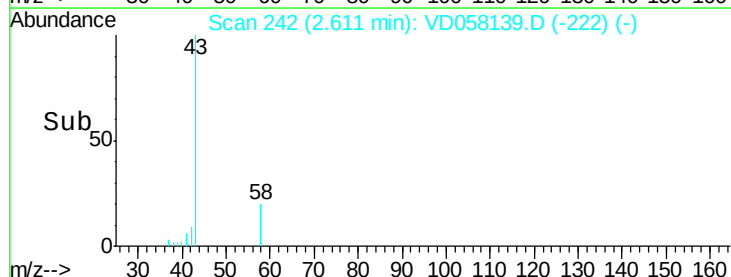
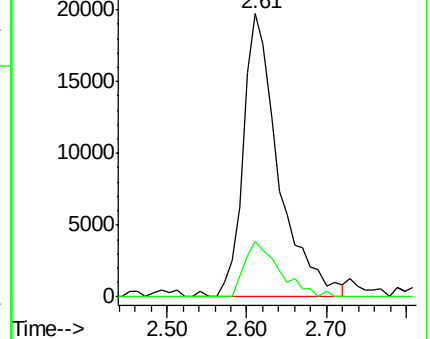
43 100

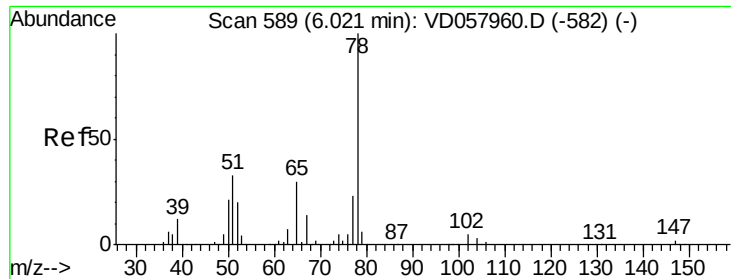
58 19.6 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

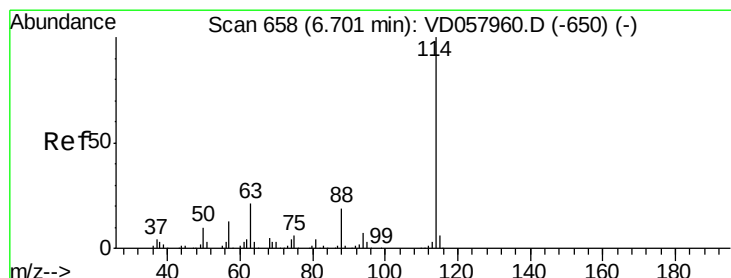
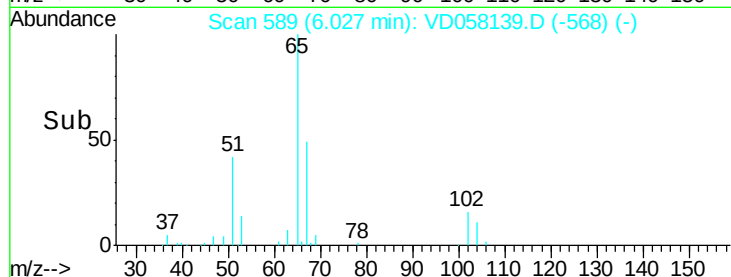
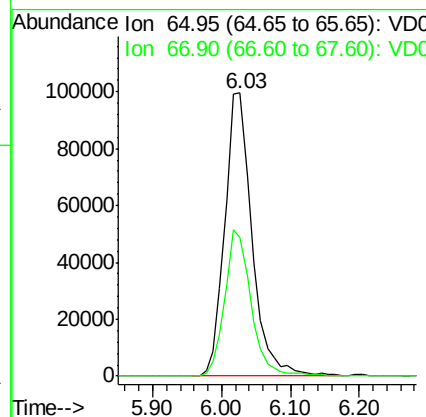
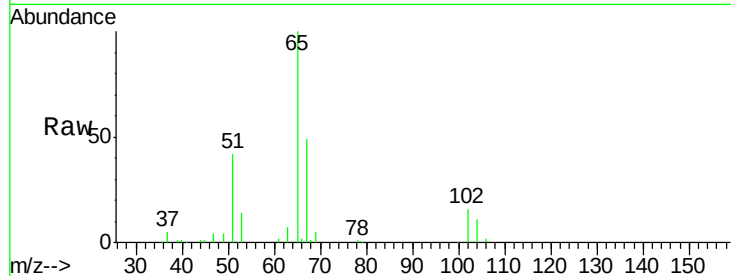




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.03 min Scan# 589
 Delta R.T. 0.01 min
 Lab File: VD058139.D
 Acq: 14 Jun 2018 16:52

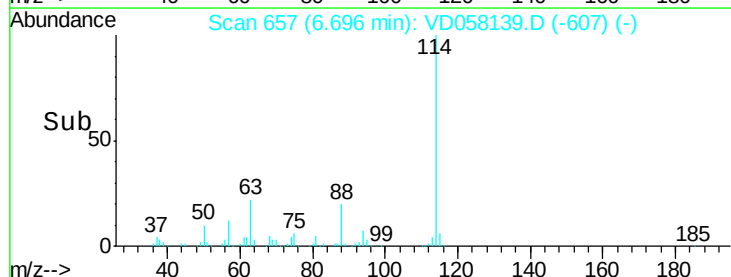
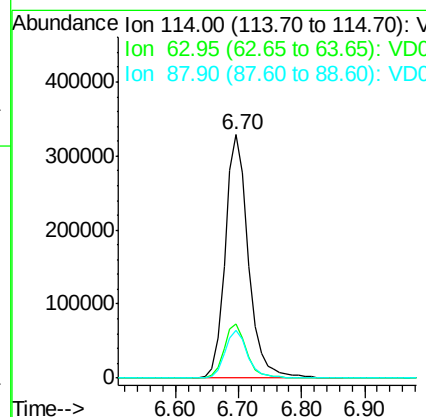
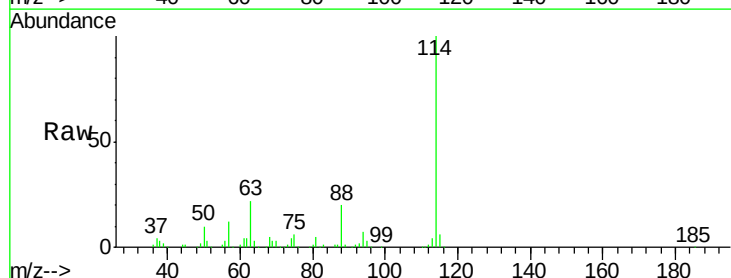
Instrument :
 MSVOA_D
 ClientSampleId :
 AU-06-061318-B

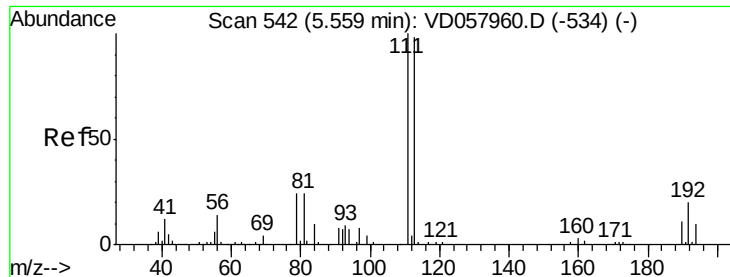
Tot Ion: 65 Resp: 273409
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 94.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.70 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VD058139.D
 Acq: 14 Jun 2018 16:52

Tgt Ion: 114 Resp: 837829
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 42.8
 88 19.6 0.0 37.8





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.55 min Scan# 541

Delta R.T. -0.00 min

Lab File: VD058139.D

Acq: 14 Jun 2018 16:52

Instrument :

MSVOA_D

ClientSampleId :

AU-06-061318-B

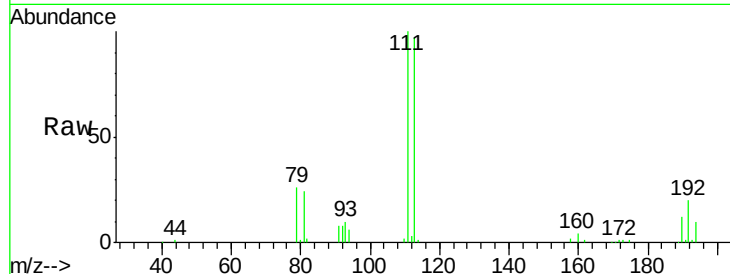
Tot Ion:113 Resp: 280906

Ion Ratio Lower Upper

113 100

111 103.4 81.5 122.3

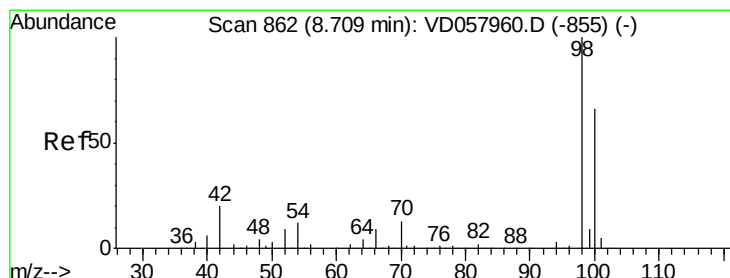
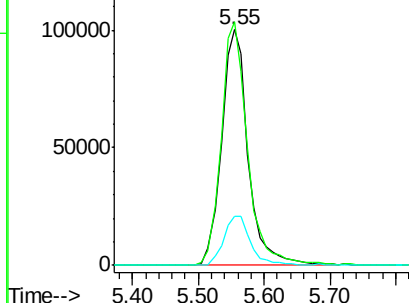
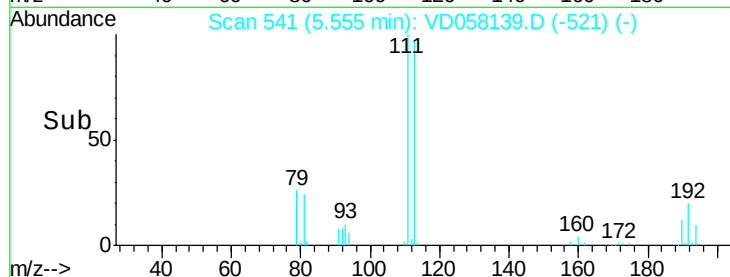
192 20.8 16.4 24.6



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. 0.01 min

Lab File: VD058139.D

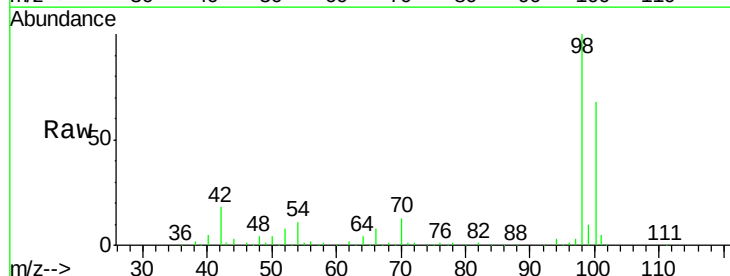
Acq: 14 Jun 2018 16:52

Tgt Ion: 98 Resp: 615787

Ion Ratio Lower Upper

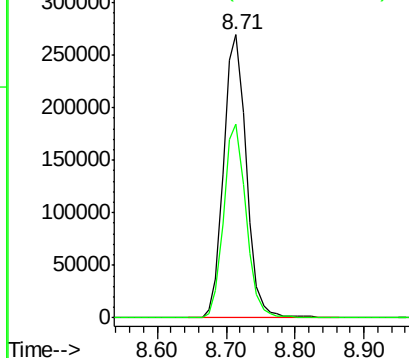
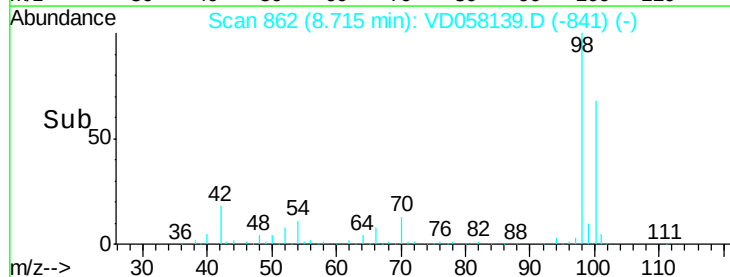
98 100

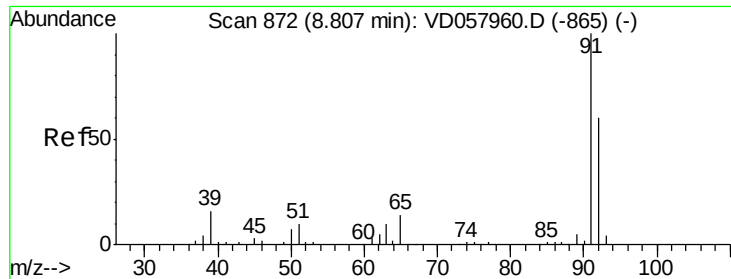
100 68.2 53.4 80.0



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#52

Toluene

Concen: 1.593 ug/l

RT: 8.81 min Scan# 872

Delta R.T. 0.01 min

Lab File: VD058139.D

Acq: 14 Jun 2018 16:52

Instrument :

MSVOA_D

ClientSampleId :

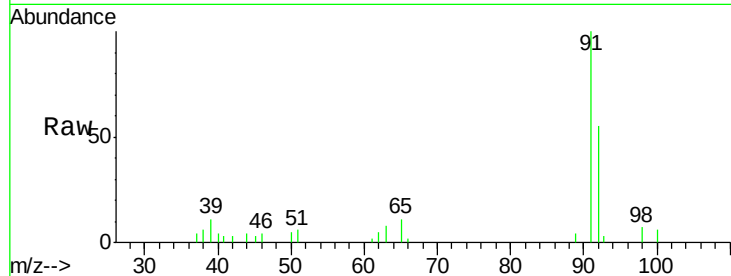
AU-06-061318-B

Tot Ion: 92 Resp: 19710

Ion Ratio Lower Upper

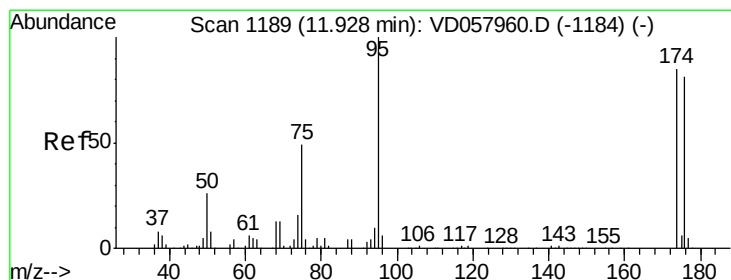
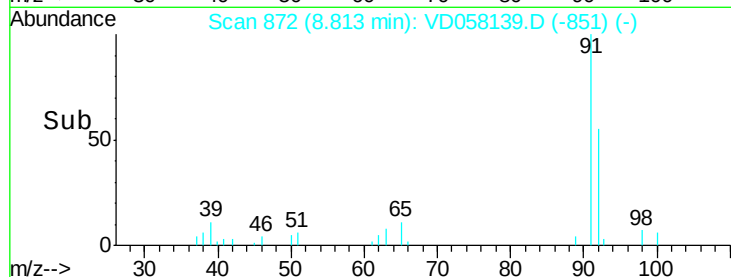
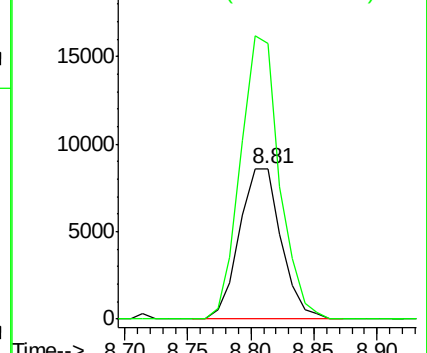
92 100

91 183.0 133.0 199.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD058139.D

Acq: 14 Jun 2018 16:52

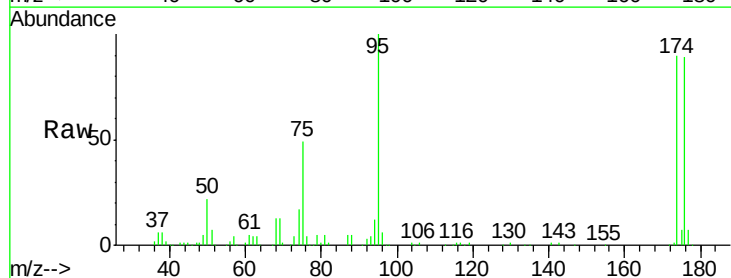
Tgt Ion: 95 Resp: 266015

Ion Ratio Lower Upper

95 100

174 90.2 0.0 169.4

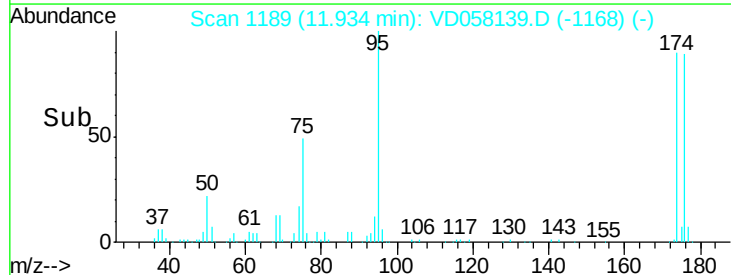
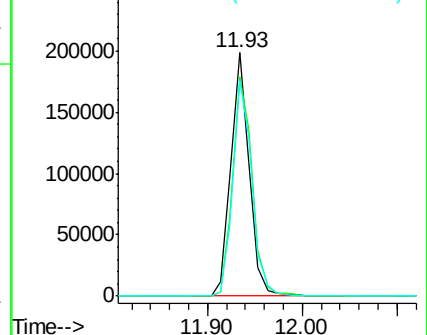
176 88.5 0.0 162.6

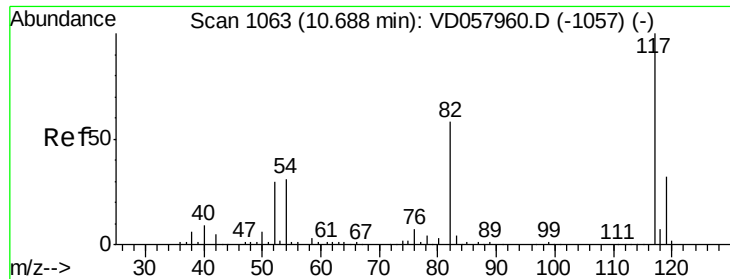


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

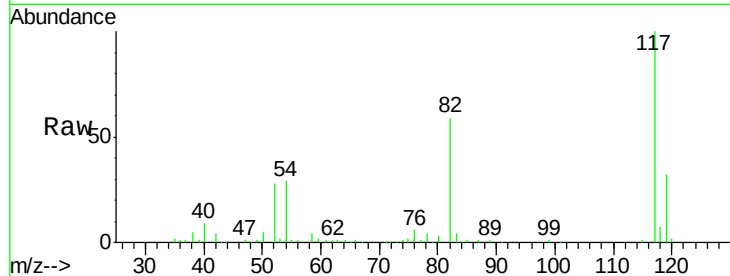




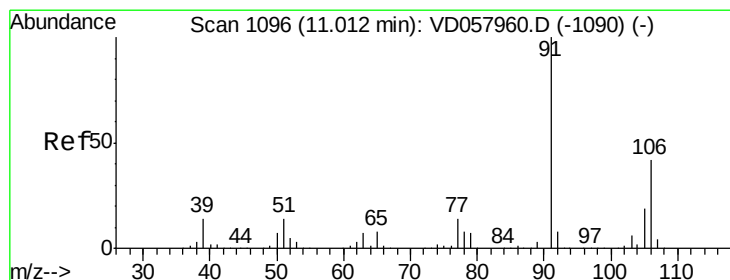
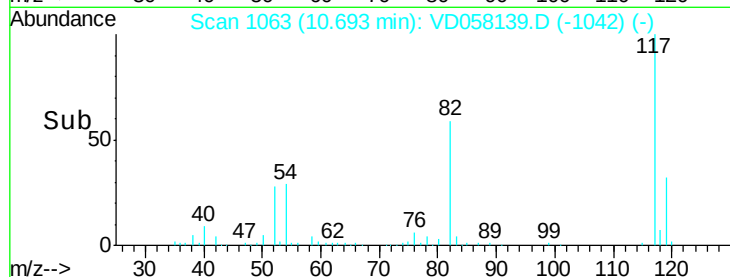
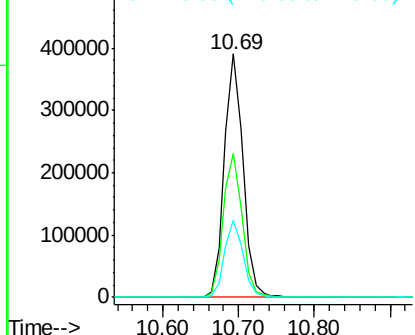
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. 0.01 min
Lab File: VD058139.D
Acq: 14 Jun 2018 16:52

Instrument :
MSVOA_D
ClientSampleId :
AU-06-061318-B

Tot Ion:117 Resp: 672430
Ion Ratio Lower Upper
117 100
82 59.1 46.8 70.2
119 31.6 25.8 38.6

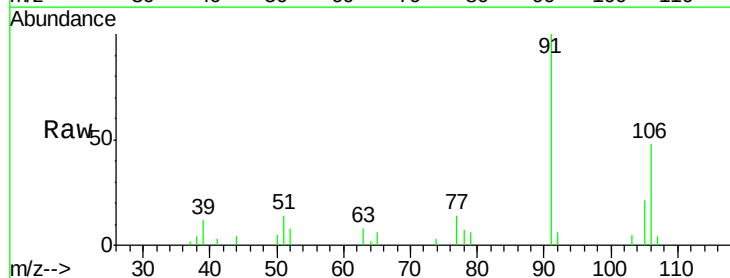


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): VDC
Ion 118.95 (118.65 to 119.65): V

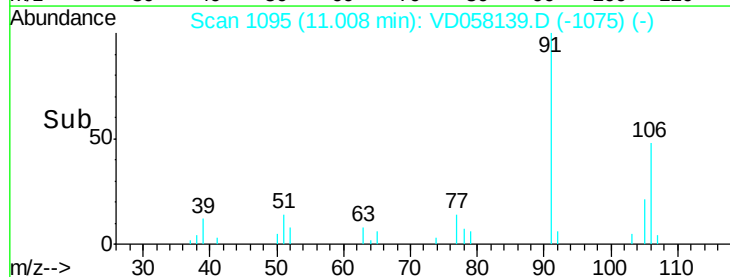
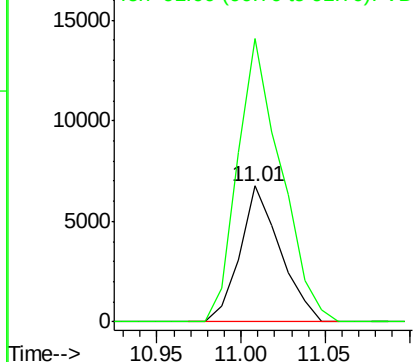


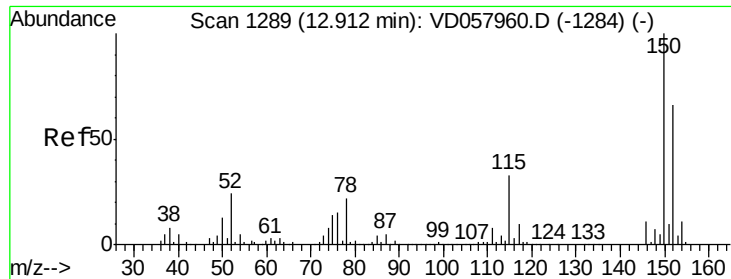
#68
m/p-Xylenes
Concen: 1.395 ug/l
RT: 11.01 min Scan# 1095
Delta R.T. -0.00 min
Lab File: VD058139.D
Acq: 14 Jun 2018 16:52

Tgt Ion:106 Resp: 11188
Ion Ratio Lower Upper
106 100
91 208.0 190.4 285.6



Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VD058139.D

Acq: 14 Jun 2018 16:52

Instrument :

MSVOA_D

ClientSampleId :

AU-06-061318-B

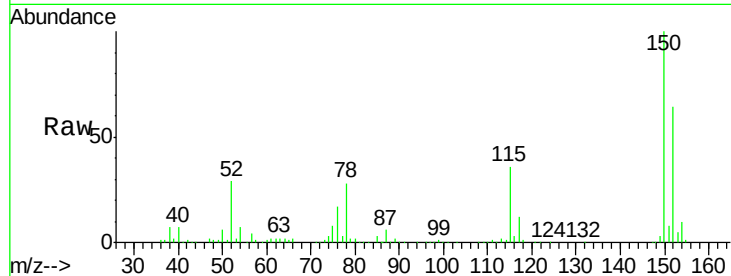
Tot Ion:152 Resp: 344664

Ion Ratio Lower Upper

152 100

115 56.7 25.6 76.6

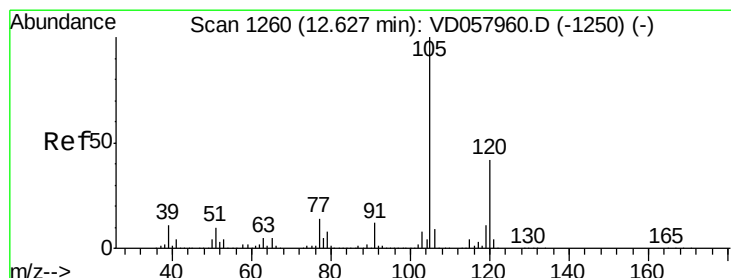
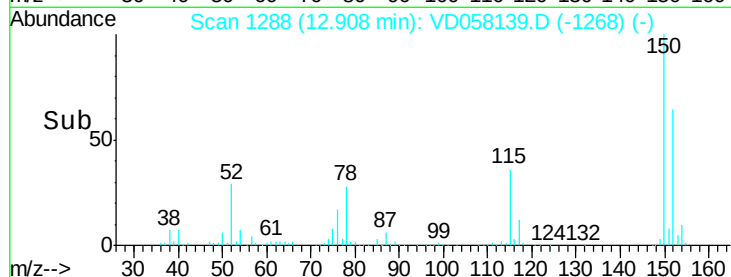
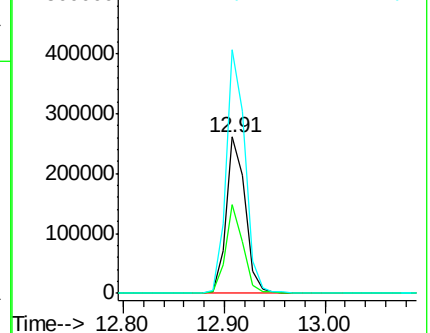
150 155.6 0.0 306.8



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



#84

1,2,4-Trimethylbenzene

Concen: 1.664 ug/l

RT: 12.63 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VD058139.D

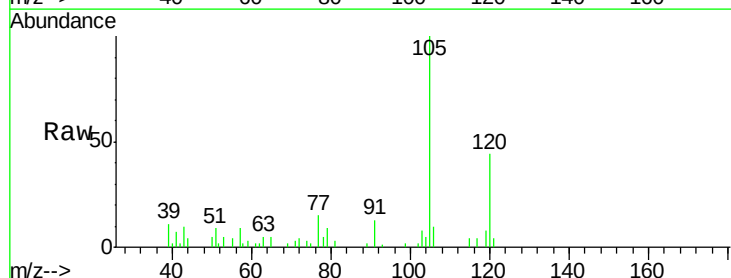
Acq: 14 Jun 2018 16:52

Tgt Ion:105 Resp: 31853

Ion Ratio Lower Upper

105 100

120 43.7 21.2 63.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

