

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060718\
 Data File : VD057981.D
 Acq On : 7 Jun 2018 19:39
 Operator : JC/SY
 Sample : J3344-01
 Misc : 5.09g/5ml/MSVOA D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HS-YARD-1

Quant Time: Jun 08 07:59:35 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

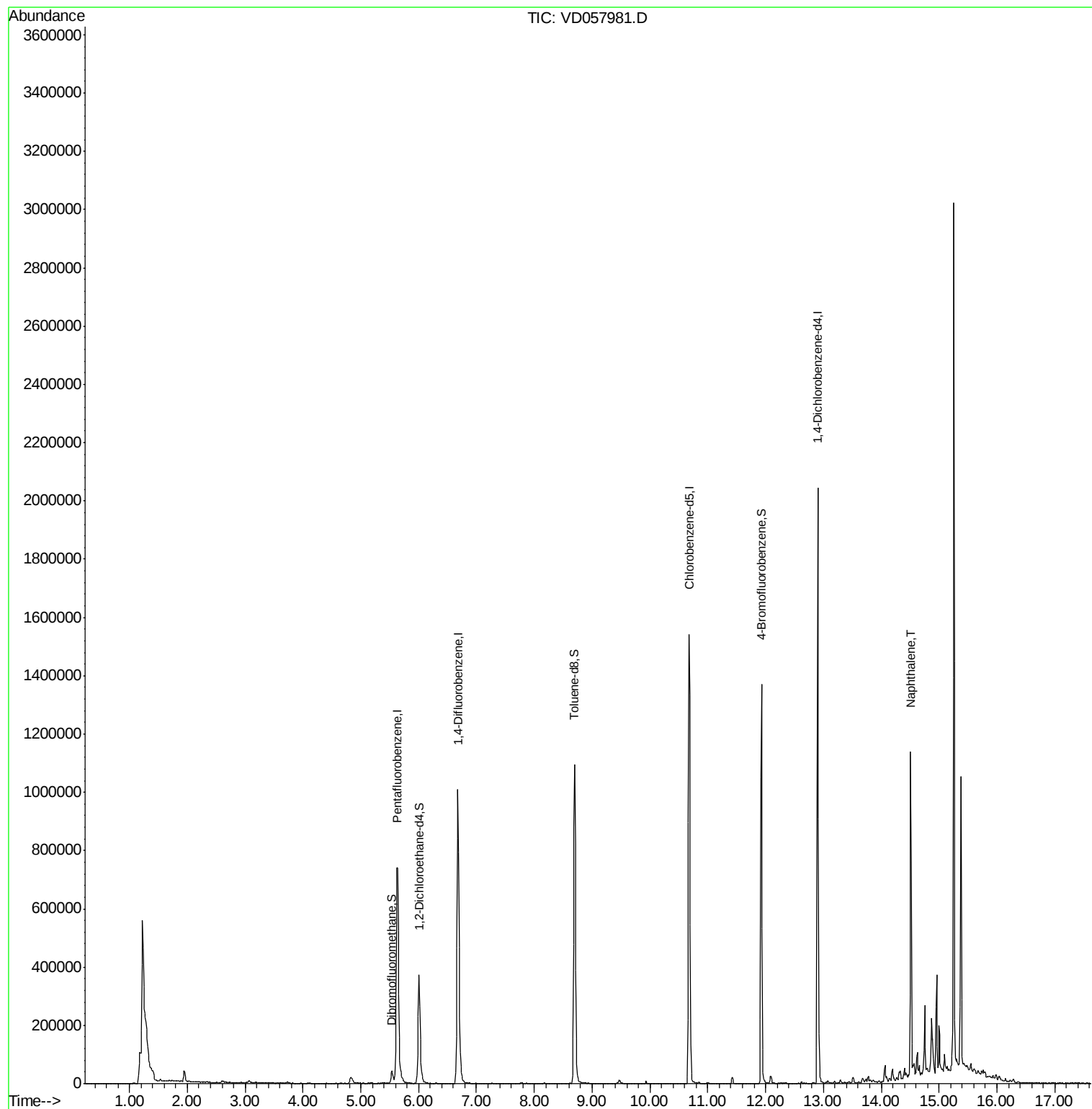
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	777077	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.68	114	995164	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	843493	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	415796	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	372533	47.95	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	95.90%	
35) Dibromofluoromethane	5.54	113	33829	4.39	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	8.78%	
50) Toluene-d8	8.70	98	840676	45.92	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	91.84%	
62) 4-Bromofluorobenzene	11.93	95	379658	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
Target Compounds						
95) Naphthalene	14.51	128	615473	45.850	ug/l	Qvalue 99

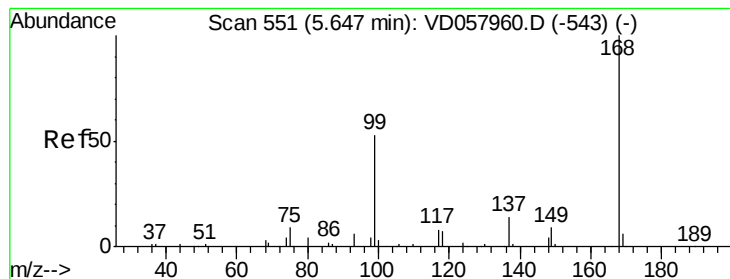
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 07 08:57:33 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD057981.D

Acq: 7 Jun 2018 19:39

Instrument :

MSVOA_D

ClientSampleId :

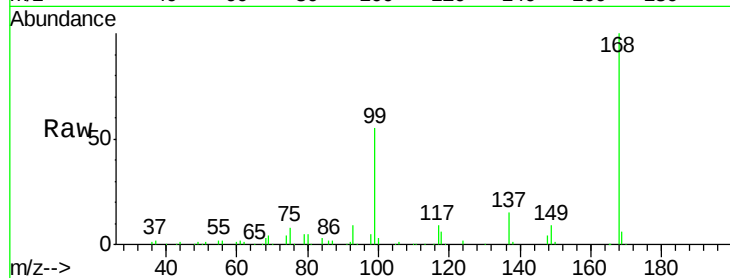
HS-YARD-1

Tot Ion:168 Resp: 777077

Ion Ratio Lower Upper

168 100

99 54.9 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.64

250000

200000

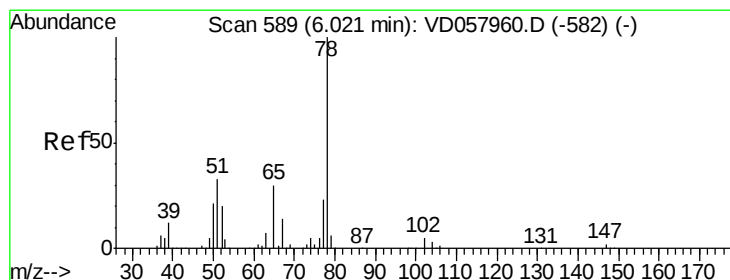
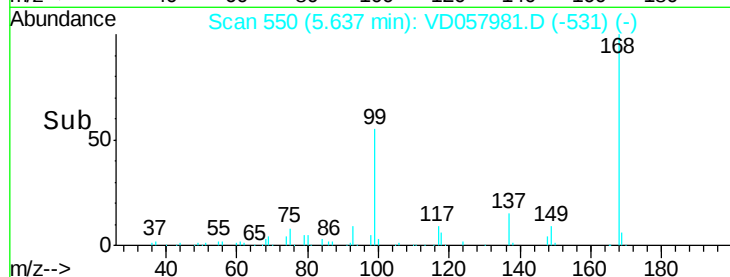
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD057981.D

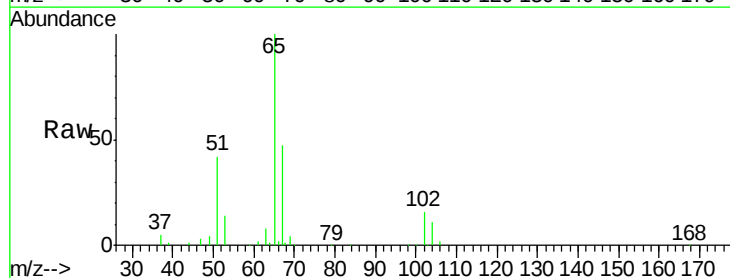
Acq: 7 Jun 2018 19:39

Tgt Ion: 65 Resp: 372533

Ion Ratio Lower Upper

65 100

67 47.1 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.01

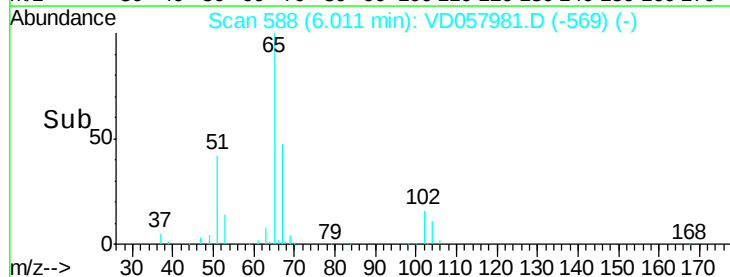
150000

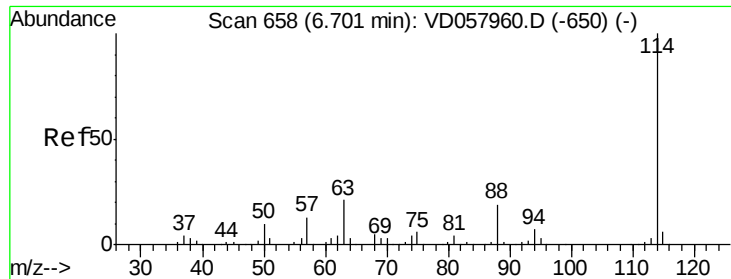
100000

50000

0

Time-->

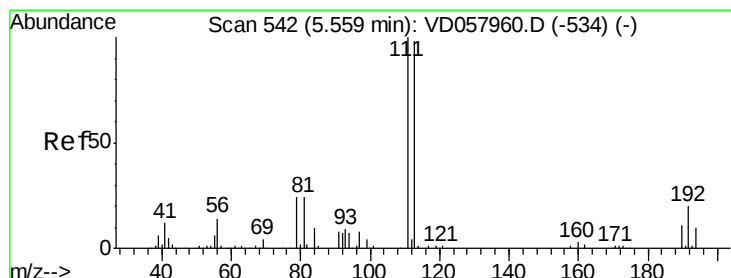
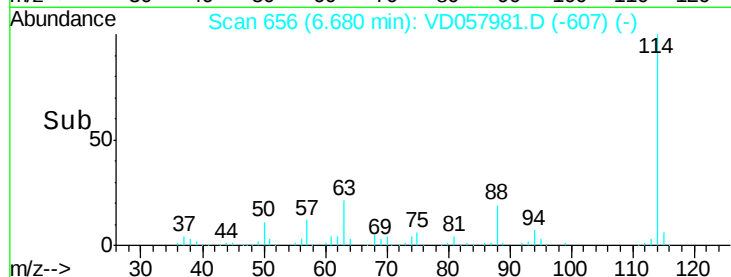
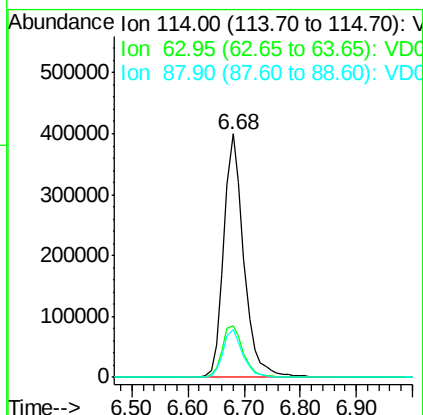
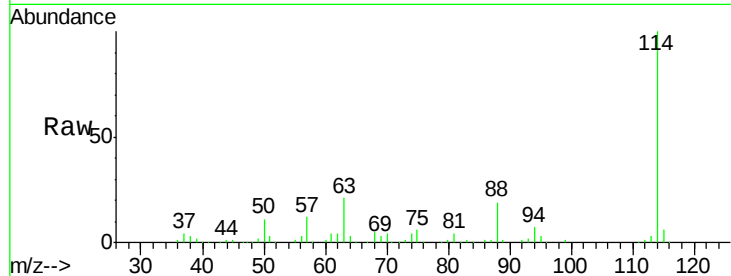




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. -0.02 min
 Lab File: VD057981.D
 Acq: 7 Jun 2018 19:39

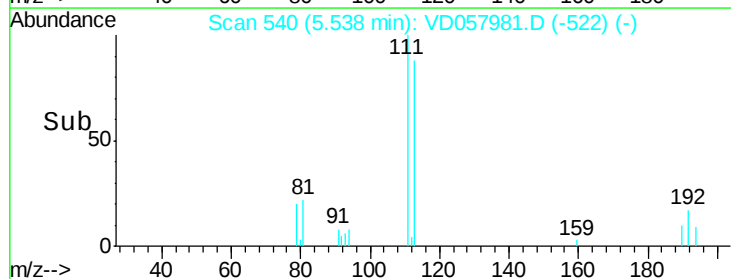
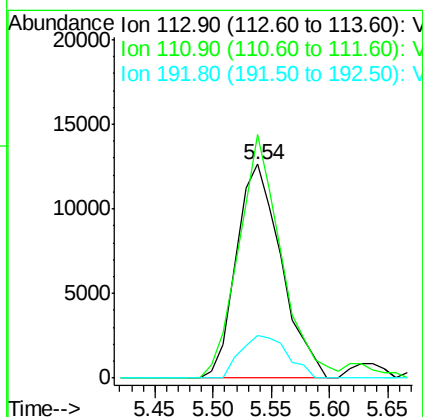
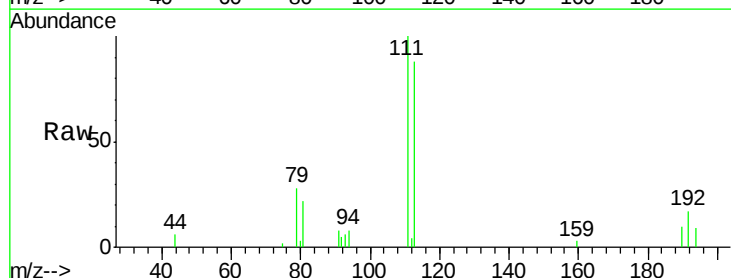
Instrument :
 MSVOA_D
 ClientSampleID :
 HS-YARD-1

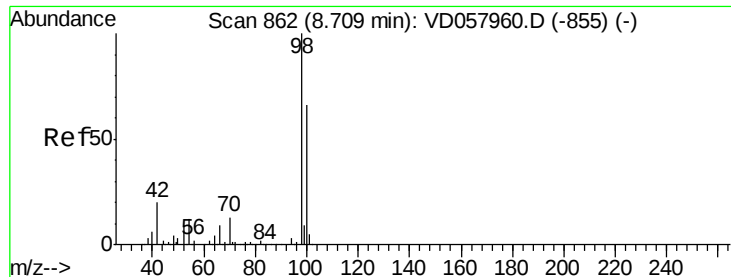
Tot Ion:114 Resp: 995164
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.8
 88 19.4 0.0 37.8



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: VD057981.D
 Acq: 7 Jun 2018 19:39

Tgt Ion:113 Resp: 33829
 Ion Ratio Lower Upper
 113 100
 111 113.7 81.5 122.3
 192 19.8 16.4 24.6





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.70 min Scan# 861

Delta R.T. -0.01 min

Lab File: VD057981.D

Acq: 7 Jun 2018 19:39

Instrument :

MSVOA_D

ClientSampleId :

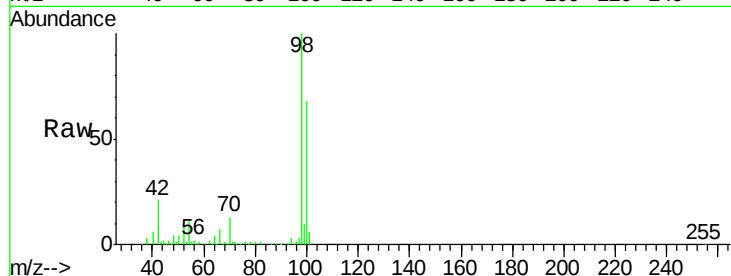
HS-YARD-1

Tot Ion: 98 Resp: 840676

Ion Ratio Lower Upper

98 100

100 68.0 53.4 80.0



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

8.70

400000

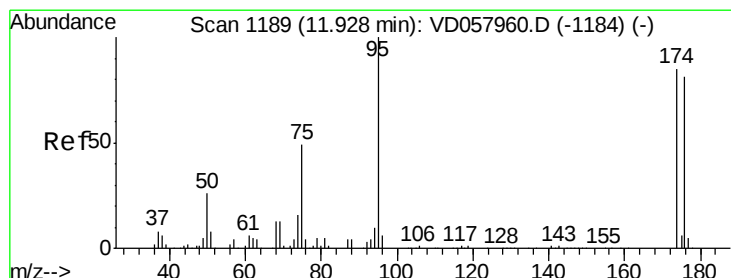
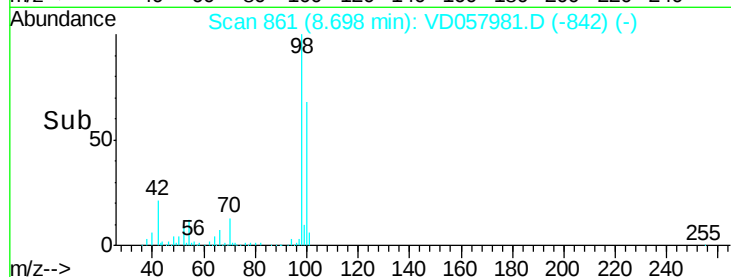
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. -0.00 min

Lab File: VD057981.D

Acq: 7 Jun 2018 19:39

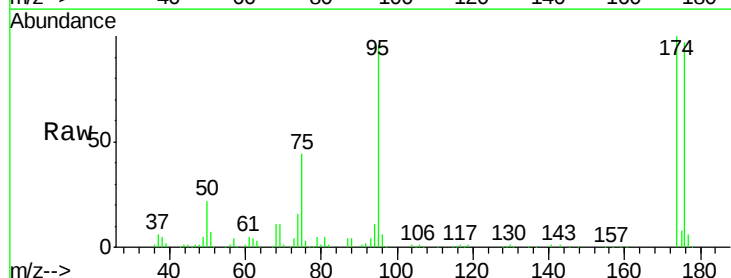
Tgt Ion: 95 Resp: 379658

Ion Ratio Lower Upper

95 100

174 103.8 0.0 169.4

176 100.5 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

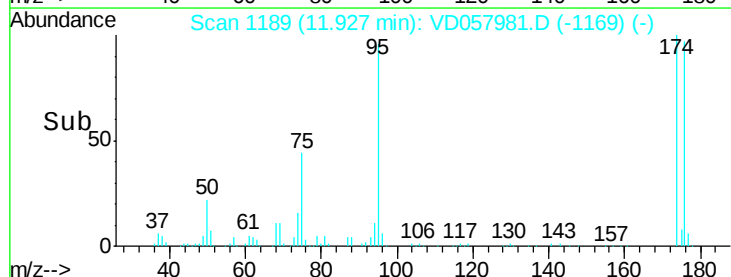
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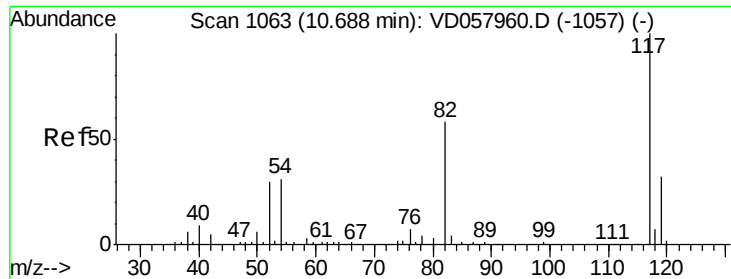
200000

100000

0

Time-->

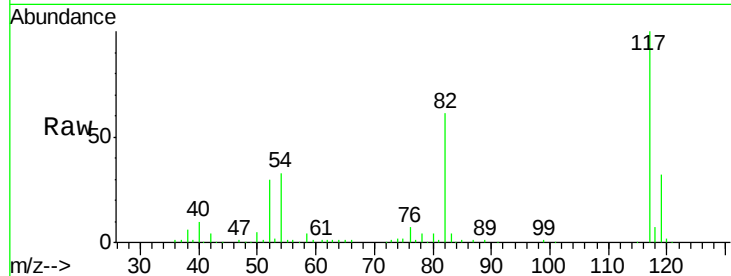




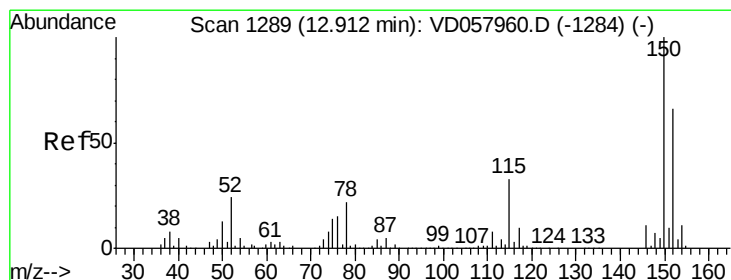
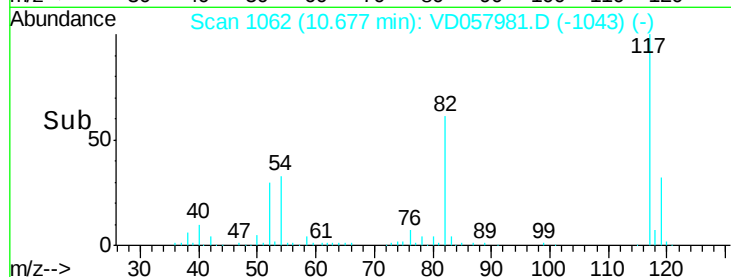
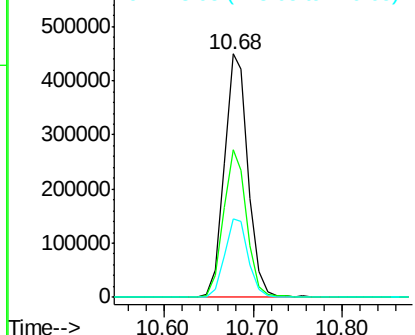
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD057981.D
Acq: 7 Jun 2018 19:39

Instrument :
MSVOA_D
ClientSampleId :
HS-YARD-1

Tot Ion:117 Resp: 843493
Ion Ratio Lower Upper
117 100
82 60.8 46.8 70.2
119 32.2 25.8 38.6

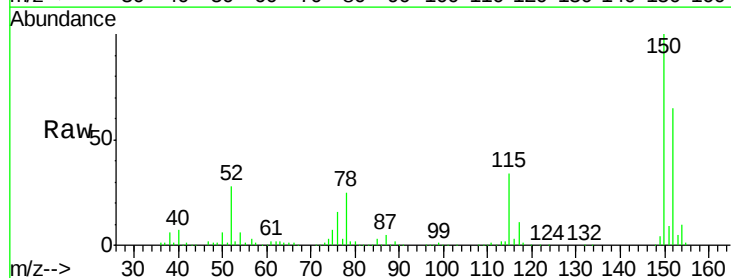


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

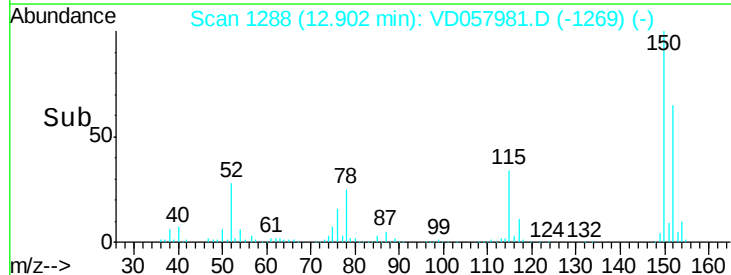
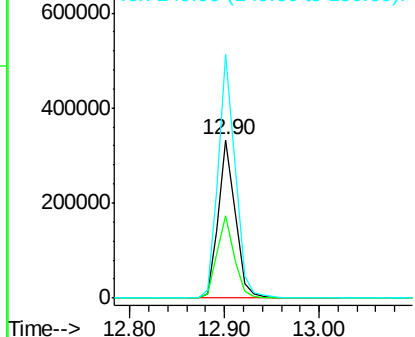


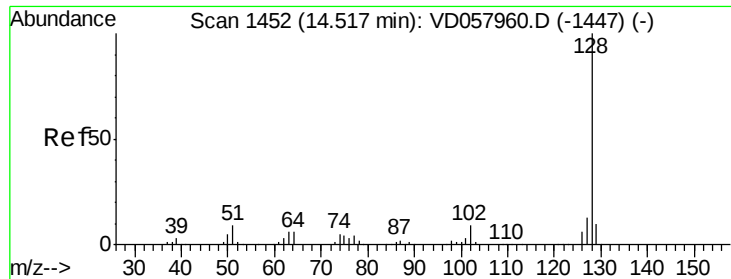
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD057981.D
Acq: 7 Jun 2018 19:39

Tgt Ion:152 Resp: 415796
Ion Ratio Lower Upper
152 100
115 51.7 25.6 76.6
150 153.7 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

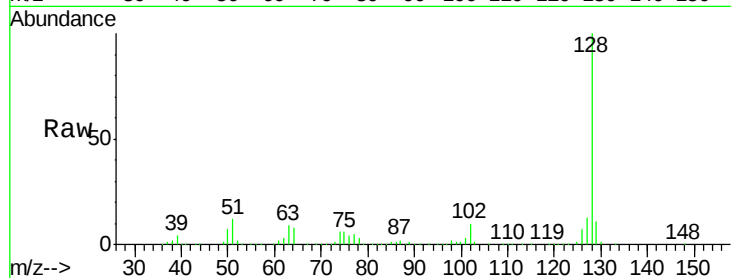




#95
Naphthalene
Concen: 45.850 ug/l
RT: 14.51 min Scan# 1451
Delta R.T. -0.01 min
Lab File: VD057981.D
Acq: 7 Jun 2018 19:39

Instrument :
MSVOA_D
ClientSampleId :
HS-YARD-1

Tot Ion:128 Resp: 615473
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.9 8.2 12.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

