

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062718\
 Data File : VD059439.D
 Acq On : 27 Jun 2018 12:30
 Operator : VA/AP
 Sample : VD0627SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0627SBL01

Quant Time: Jun 27 15:11:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	921179	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.70	114	1209500	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	997451	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	538762	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	425393	45.16	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	90.32%	
35) Dibromofluoromethane	5.55	113	437410	44.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.80%	
50) Toluene-d8	8.70	98	964970	41.90	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	83.80%	
62) 4-Bromofluorobenzene	11.92	95	430092	44.90	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	89.80%	

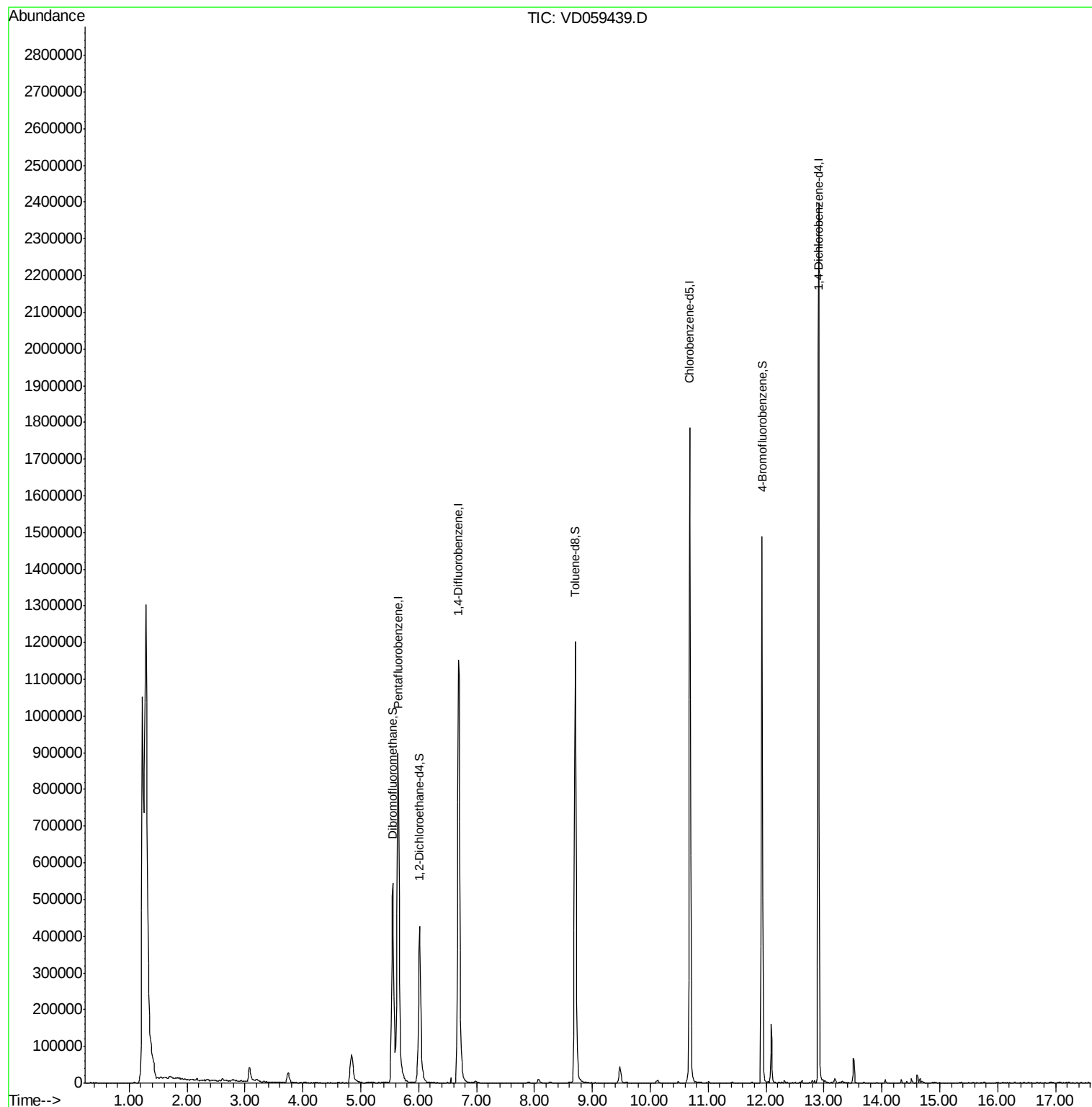
Target Compounds	Qvalue

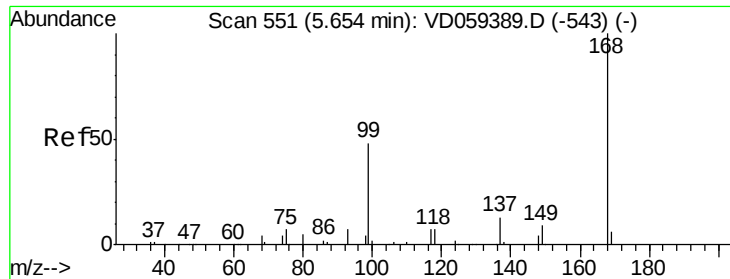
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD059439.D

Acq: 27 Jun 2018 12:30

Instrument :

MSVOA_D

ClientSampleId :

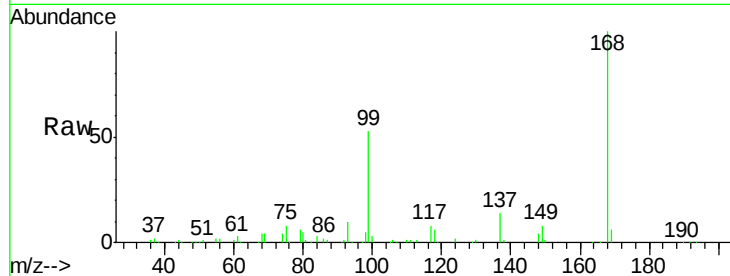
VD0627SBL01

Tot Ion:168 Resp: 921179

Ion Ratio Lower Upper

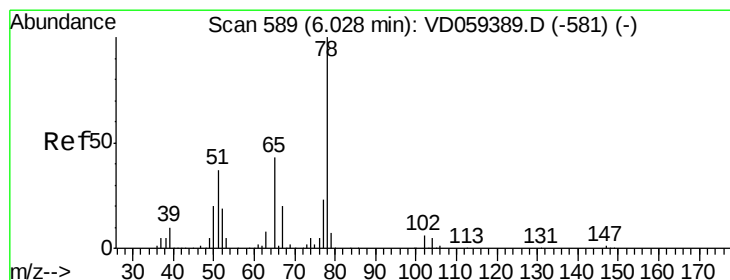
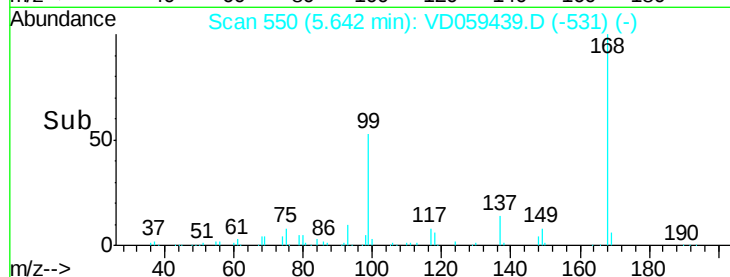
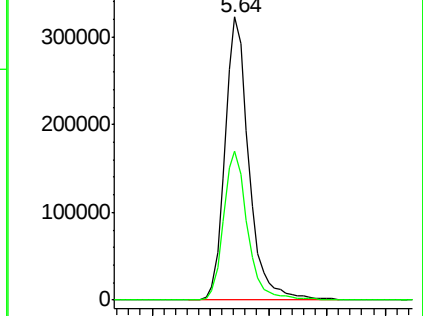
168 100

99 52.8 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.02 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD059439.D

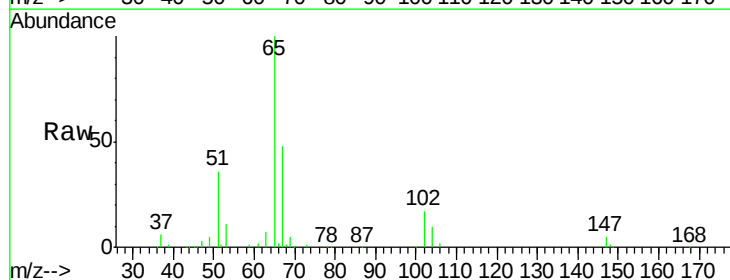
Acq: 27 Jun 2018 12:30

Tgt Ion: 65 Resp: 425393

Ion Ratio Lower Upper

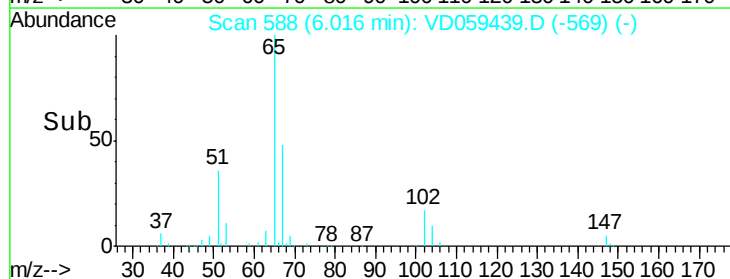
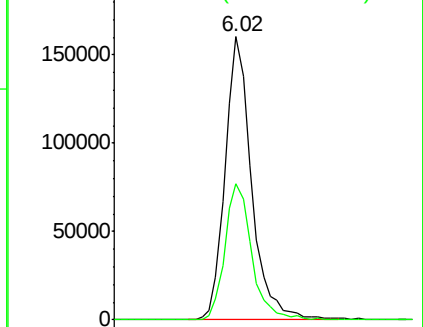
65 100

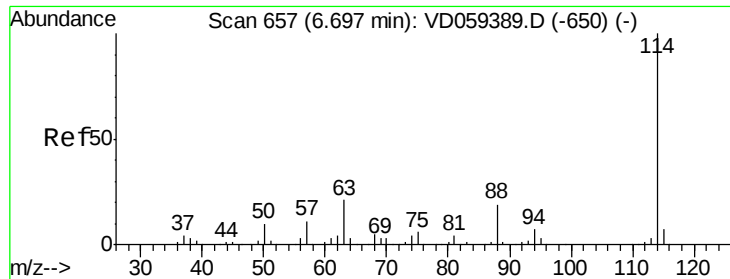
67 48.2 0.0 93.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

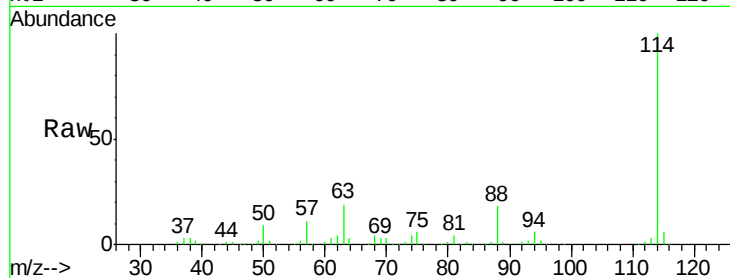




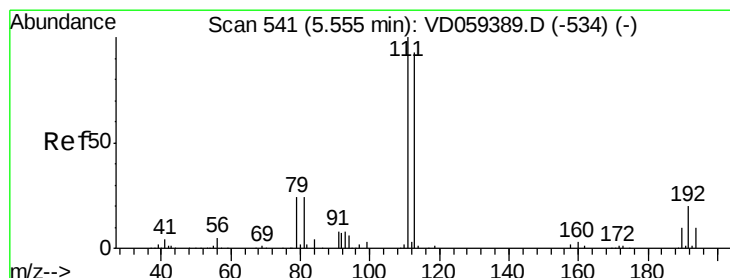
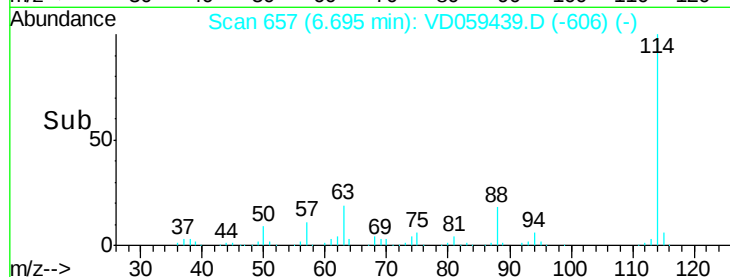
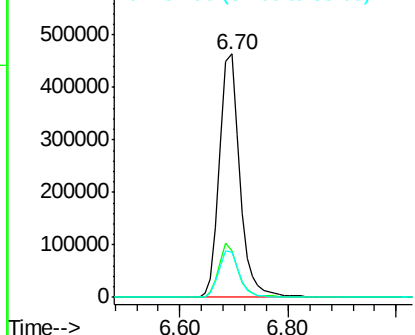
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.70 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VD059439.D
 Acq: 27 Jun 2018 12:30

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0627SBL01

Tot Ion:114 Resp: 1209500
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 42.4
 88 18.3 0.0 38.0

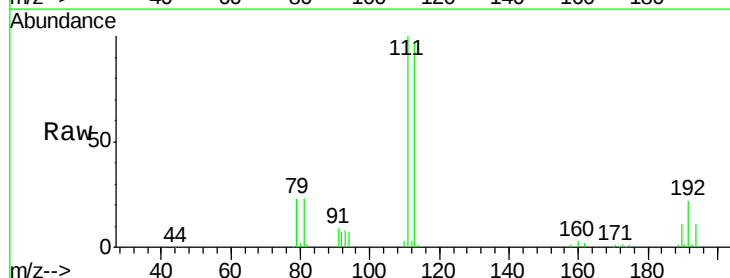


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

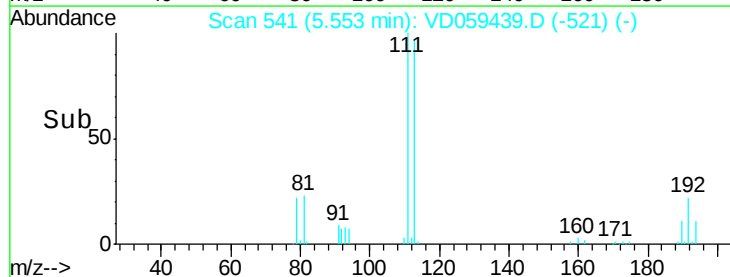
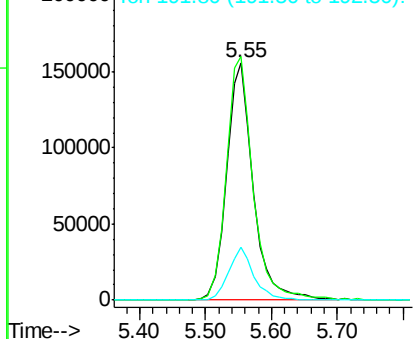


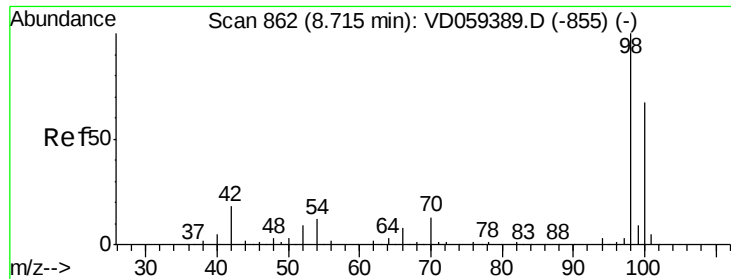
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.55 min Scan# 541
 Delta R.T. -0.00 min
 Lab File: VD059439.D
 Acq: 27 Jun 2018 12:30

Tgt Ion:113 Resp: 437410
 Ion Ratio Lower Upper
 113 100
 111 102.6 85.7 128.5
 192 22.5 16.9 25.3



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: 8.70 min Scan# 861

Delta R.T. -0.01 min

Lab File: VD059439.D

Acq: 27 Jun 2018 12:30

Instrument :

MSVOA_D

ClientSampleId :

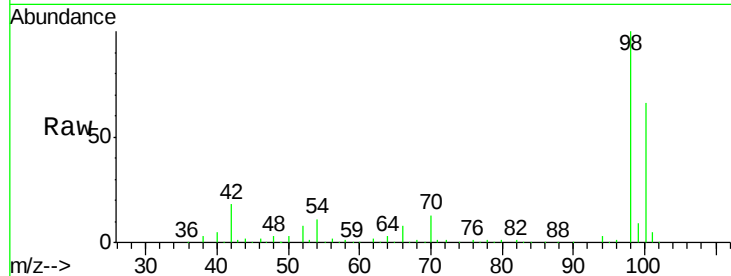
VD0627SBL01

Tot Ion: 98 Resp: 964970

Ion Ratio Lower Upper

98 100

100 66.3 54.4 81.6



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

8.70

400000

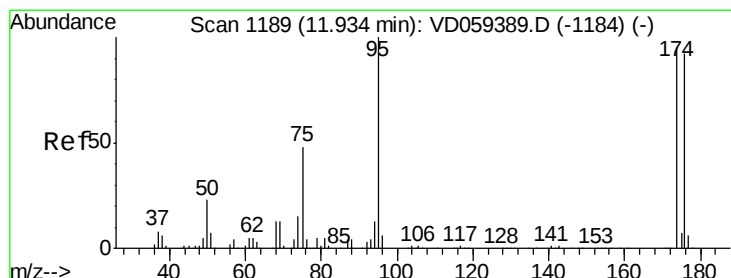
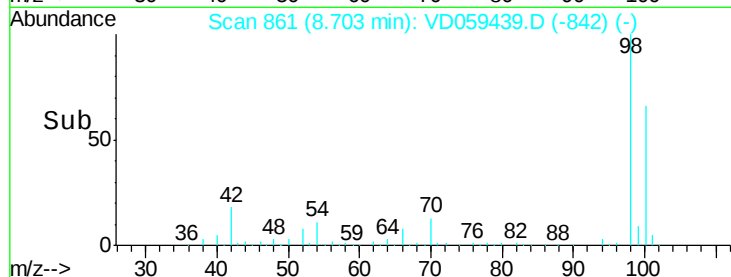
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1188

Delta R.T. -0.01 min

Lab File: VD059439.D

Acq: 27 Jun 2018 12:30

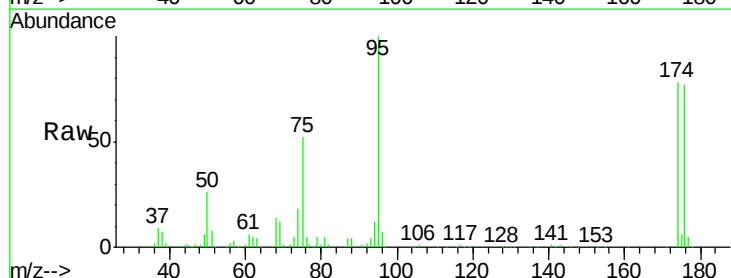
Tgt Ion: 95 Resp: 430092

Ion Ratio Lower Upper

95 100

174 78.1 0.0 190.4

176 77.5 0.0 183.2



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

400000

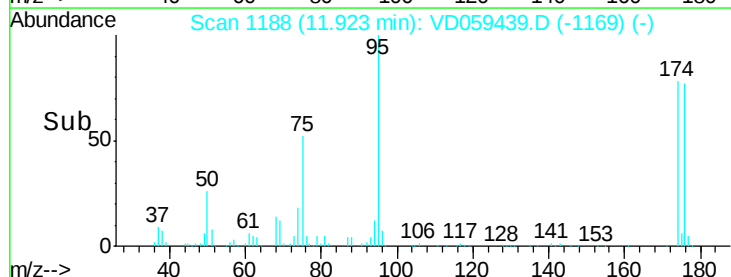
300000

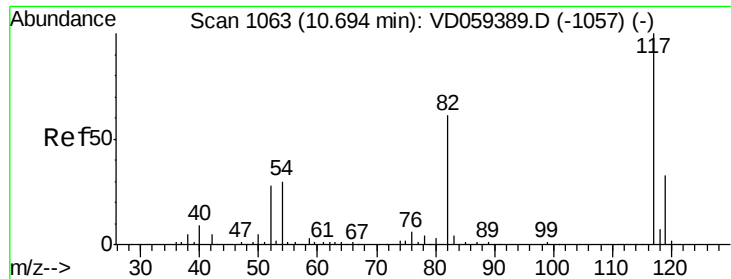
200000

100000

0

Time-->

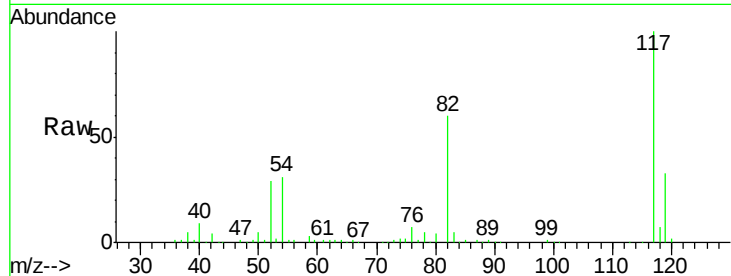




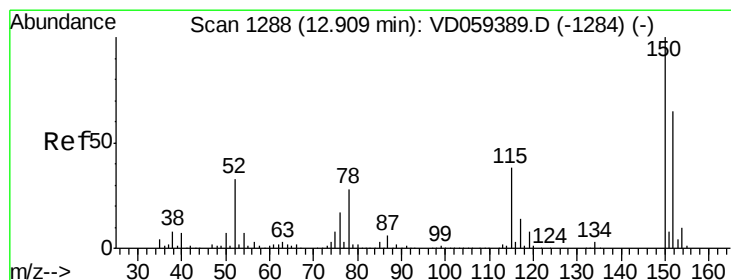
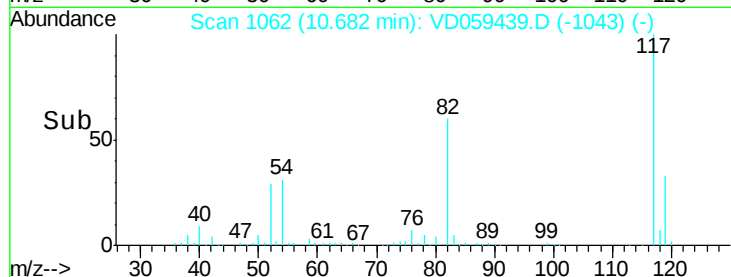
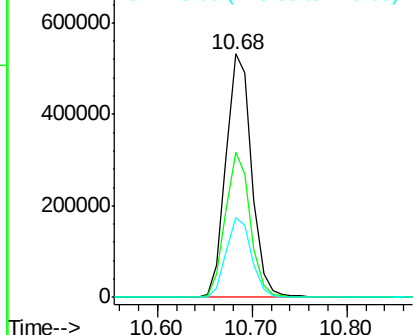
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD059439.D
Acq: 27 Jun 2018 12:30

Instrument :
MSVOA_D
ClientSampleId :
VD0627SBL01

Tot Ion:117 Resp: 997451
Ion Ratio Lower Upper
117 100
82 59.8 49.0 73.6
119 32.6 26.2 39.4

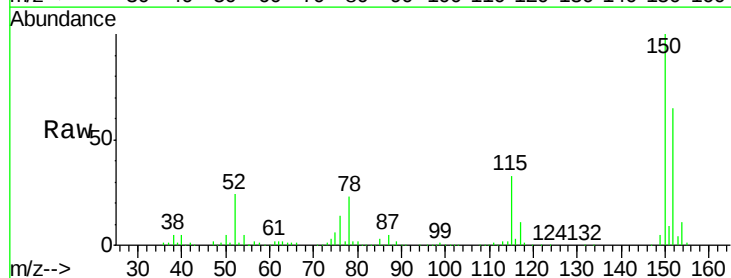


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VD059439.D
Acq: 27 Jun 2018 12:30

Tgt Ion:152 Resp: 538762
Ion Ratio Lower Upper
152 100
115 51.5 29.4 88.3
150 154.1 0.0 308.2



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

