

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060718\
 Data File : VD057967.D
 Acq On : 7 Jun 2018 12:57
 Operator : JC/SY
 Sample : VD0607SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBL01

Quant Time: Jun 08 07:24:23 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	5.65	168	1105384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	1366975	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	1128571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	591007	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	500715	45.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.62%	
35) Dibromofluoromethane	5.55	113	529500	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
50) Toluene-d8	8.70	98	1239609	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	11.93	95	526293	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	

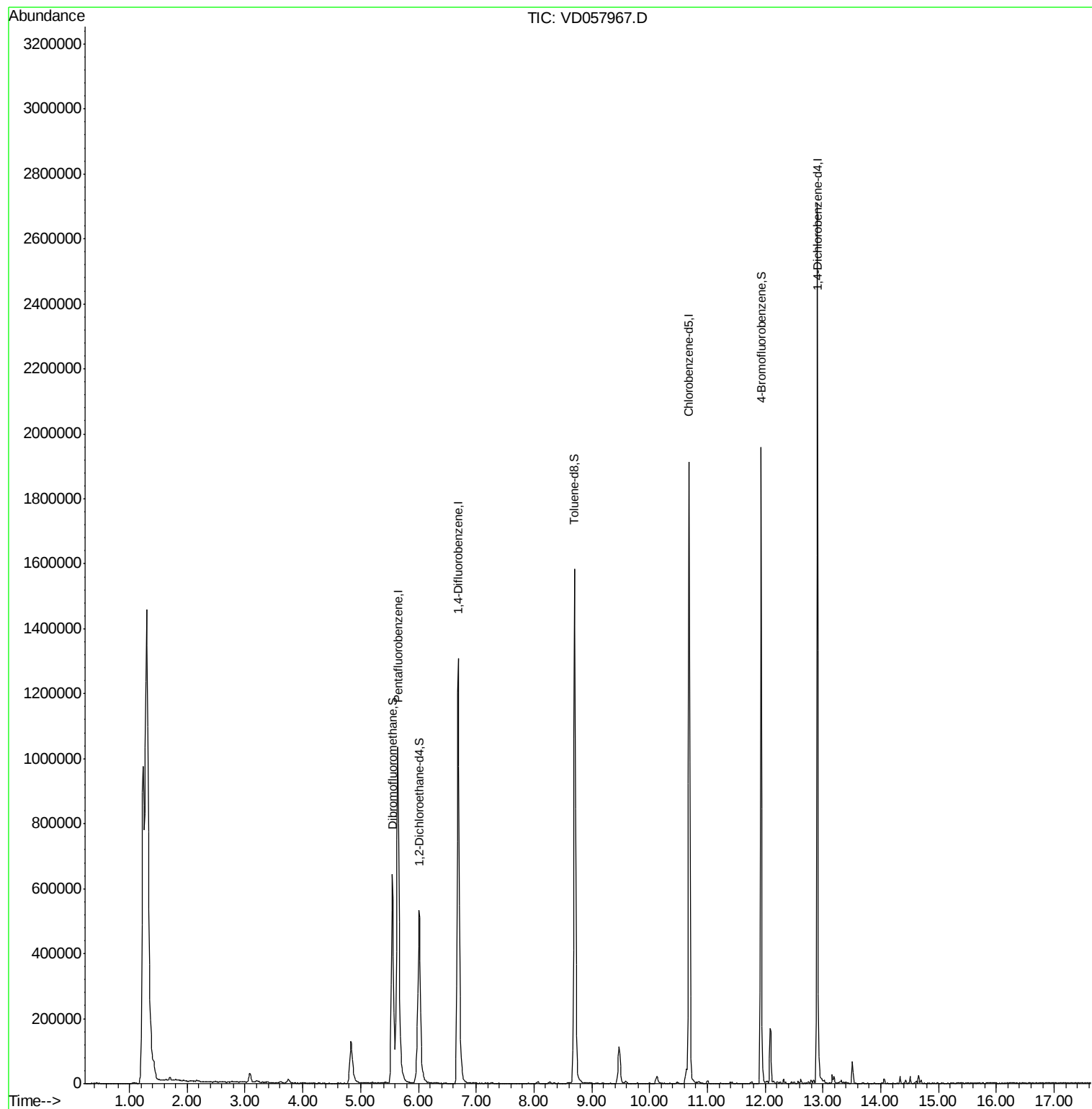
Target Compounds	Qvalue
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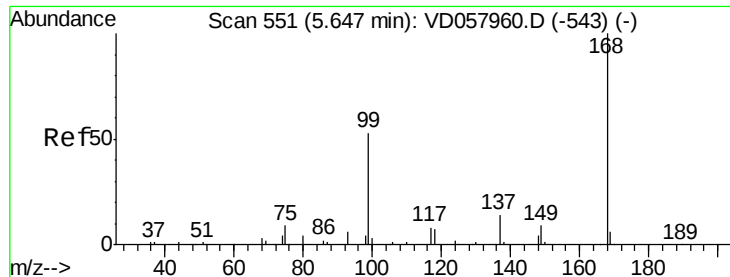
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 551

Delta R.T. 0.00 min

Lab File: VD057967.D

Acq: 7 Jun 2018 12:57

Instrument :

MSVOA_D

ClientSampleId :

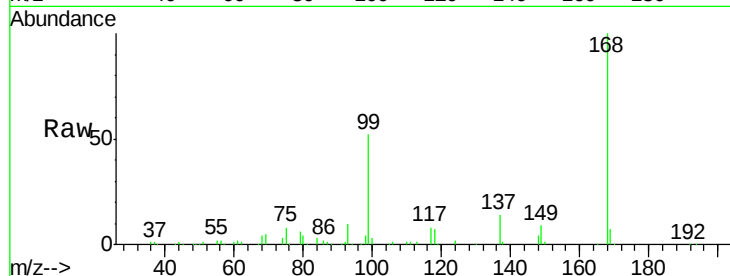
VD0607SBL01

Tot Ion:168 Resp: 1105384

Ion Ratio Lower Upper

168 100

99 51.6 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.65

400000

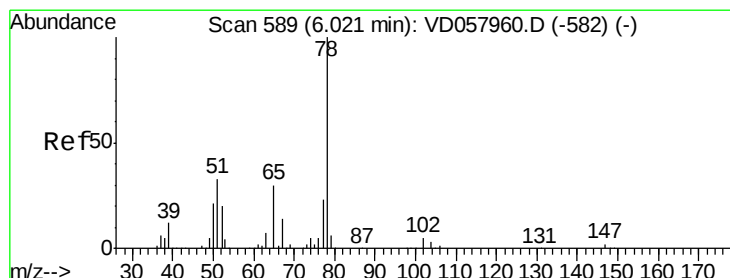
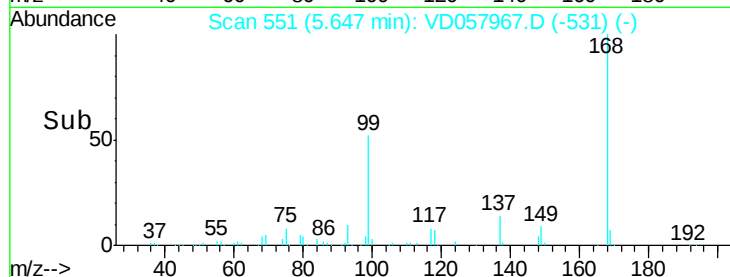
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.02 min Scan# 589

Delta R.T. 0.00 min

Lab File: VD057967.D

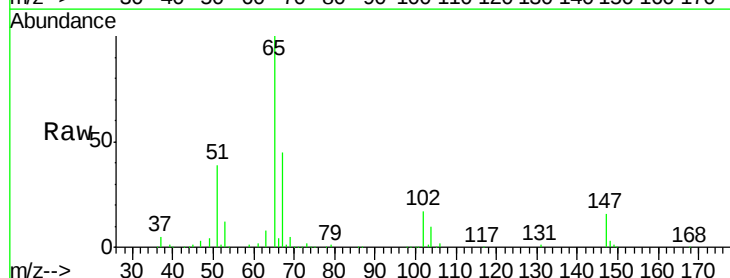
Acq: 7 Jun 2018 12:57

Tgt Ion: 65 Resp: 500715

Ion Ratio Lower Upper

65 100

67 45.2 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.02

200000

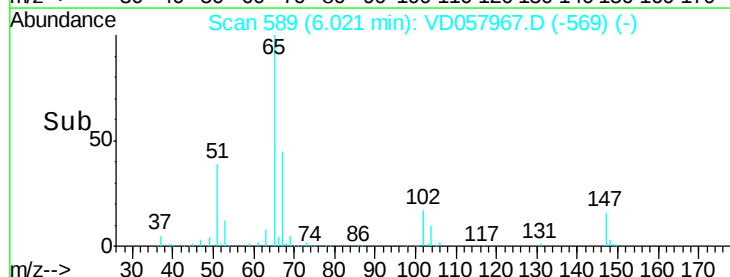
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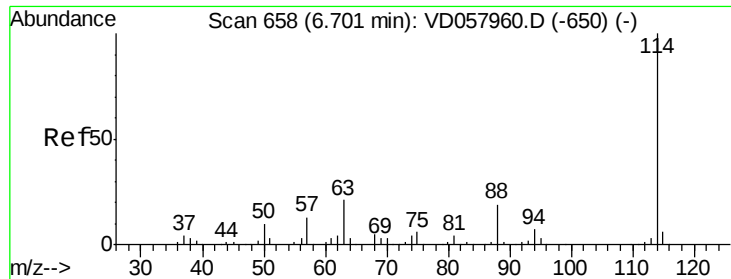
100000

50000

0

Time-->

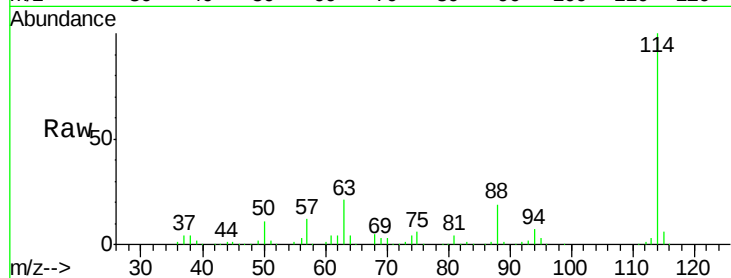




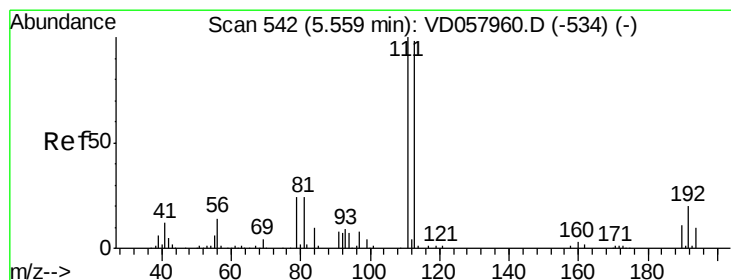
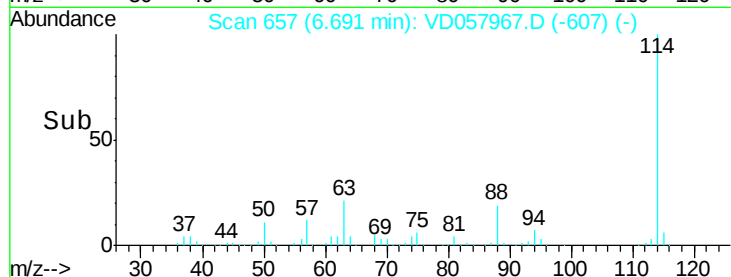
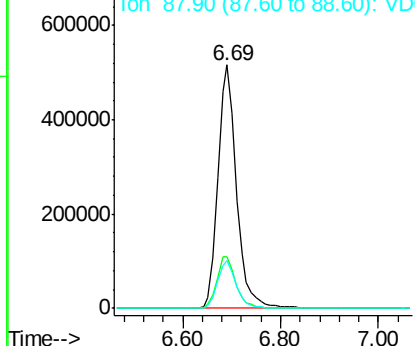
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VD057967.D
 Acq: 7 Jun 2018 12:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBL01

Tot Ion:114 Resp: 1366975
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.8
 88 19.5 0.0 37.8

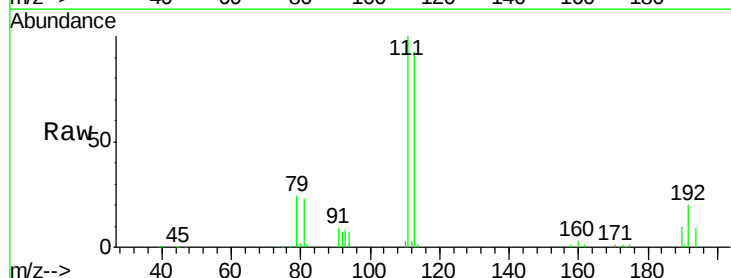


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

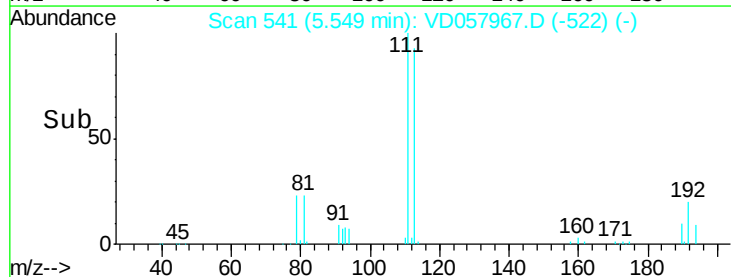
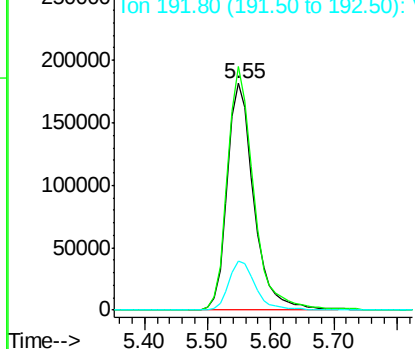


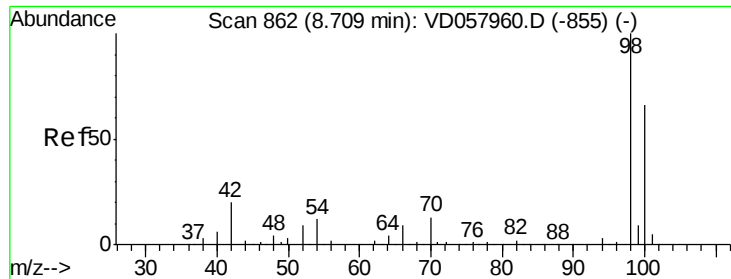
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.55 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: VD057967.D
 Acq: 7 Jun 2018 12:57

Tgt Ion:113 Resp: 529500
 Ion Ratio Lower Upper
 113 100
 111 107.5 81.5 122.3
 192 21.6 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: 8.70 min Scan# 861

Delta R.T. -0.01 min

Lab File: VD057967.D

Acq: 7 Jun 2018 12:57

Instrument :

MSVOA_D

ClientSampleId :

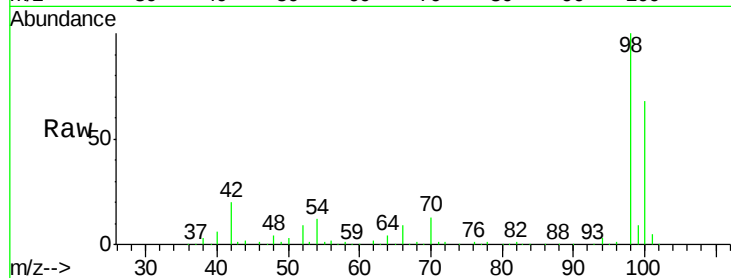
VD0607SBL01

Tot Ion: 98 Resp: 1239609

Ion Ratio Lower Upper

98 100

100 67.6 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

600000

500000

400000

300000

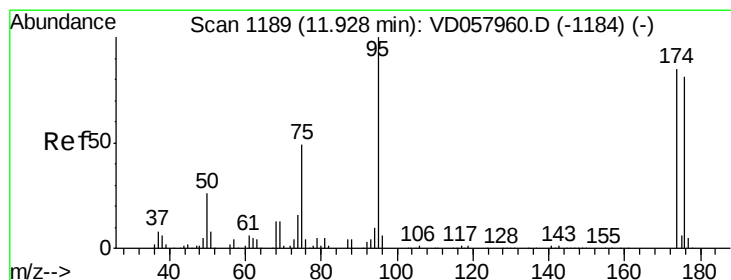
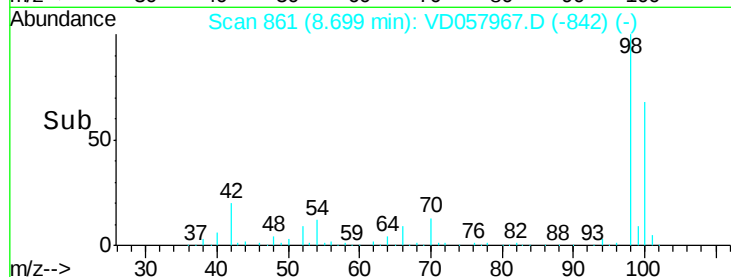
200000

100000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.00 min

Lab File: VD057967.D

Acq: 7 Jun 2018 12:57

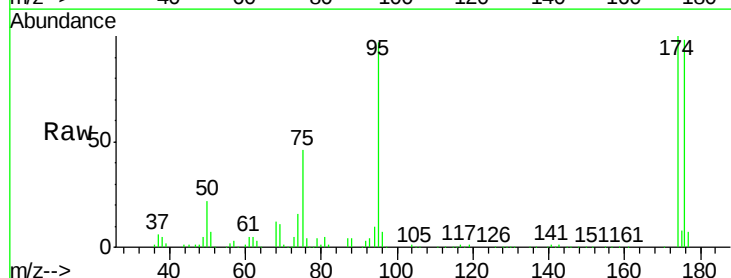
Tgt Ion: 95 Resp: 526293

Ion Ratio Lower Upper

95 100

174 102.6 0.0 169.4

176 100.9 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

500000

400000

300000

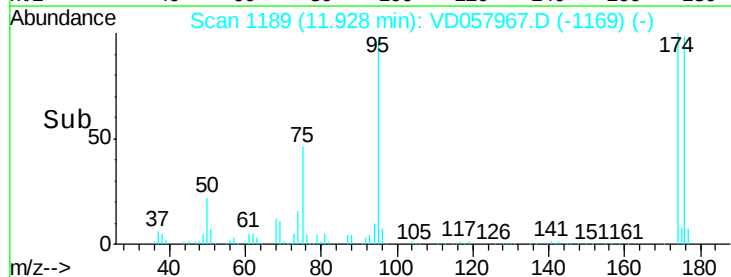
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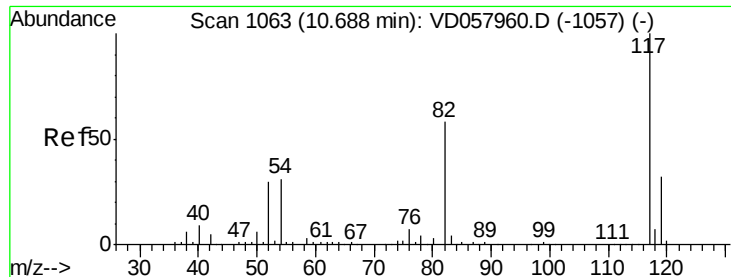
100000

0

11.80 11.90 12.00 12.10

Time-->

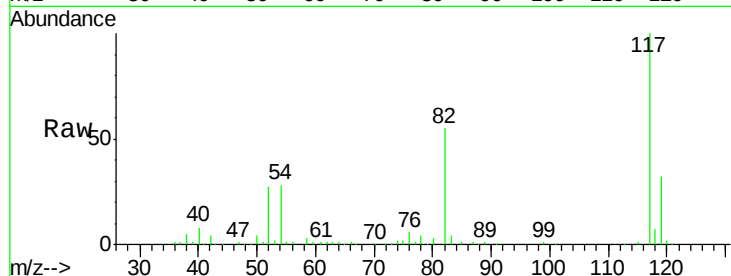




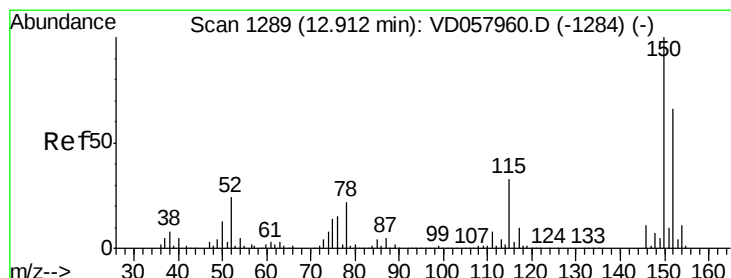
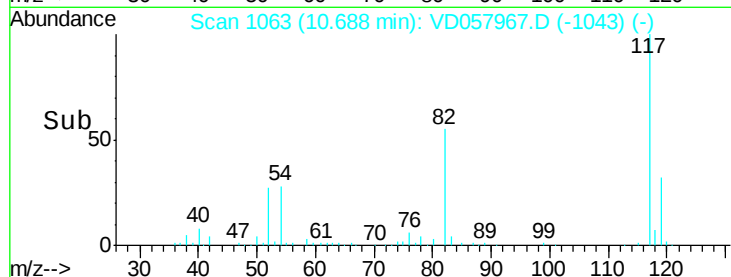
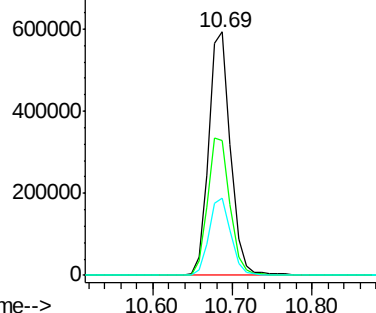
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VD057967.D
Acq: 7 Jun 2018 12:57

Instrument :
MSVOA_D
ClientSampleId :
VD0607SBL01

Tot Ion:117 Resp: 1128571
Ion Ratio Lower Upper
117 100
82 55.3 46.8 70.2
119 31.9 25.8 38.6

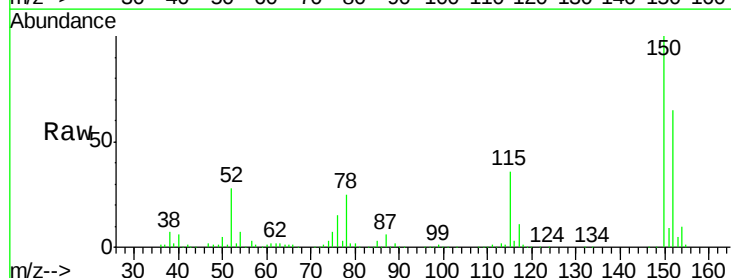


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD057967.D
Acq: 7 Jun 2018 12:57

Tgt Ion:152 Resp: 591007
Ion Ratio Lower Upper
152 100
115 55.6 25.6 76.6
150 154.2 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

