

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061818\
 Data File : VD058187.D
 Acq On : 18 Jun 2018 18:05
 Operator : VA/AP
 Sample : J3554-05
 Misc : 5.70g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A-4(2.0)

Quant Time: Jun 19 07:04:21 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	5.63	168	643392	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.69	114	830145	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	663523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	307524	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	387412	60.23	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	120.46%	
35) Dibromofluoromethane	5.54	113	352273	54.85	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	109.70%	
50) Toluene-d8	8.70	98	768040	50.30	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.93	95	308167	46.26	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.52%	

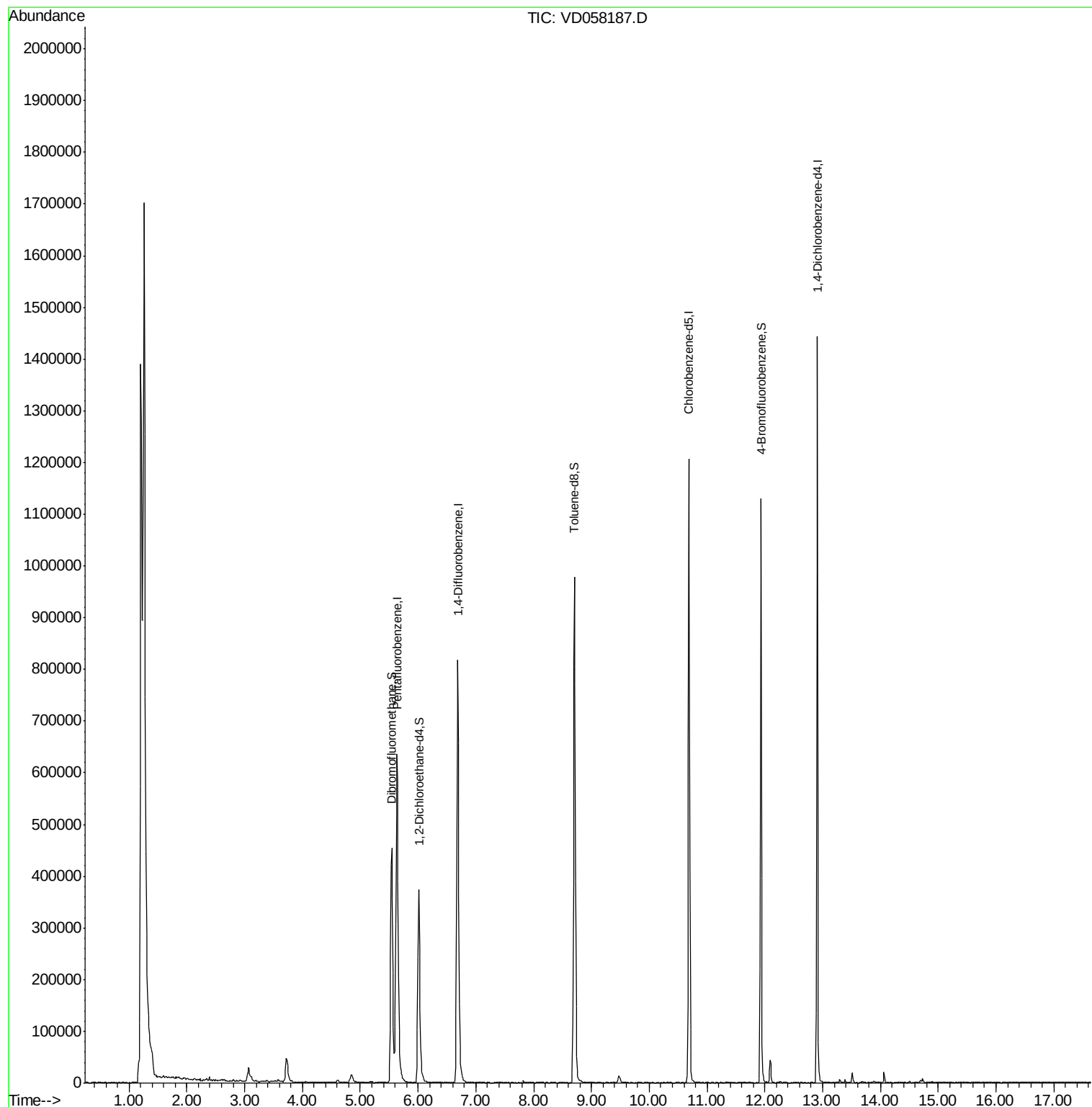
Target Compounds	Qvalue
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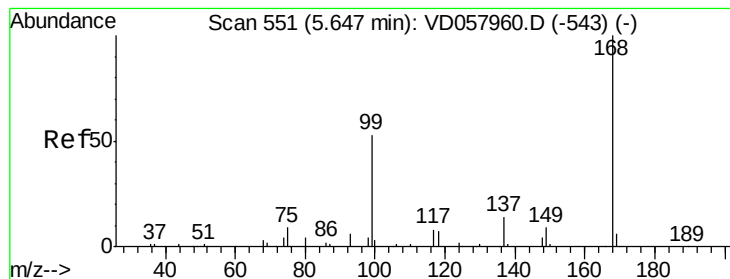
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.01 min

Lab File: VD058187.D

Acq: 18 Jun 2018 18:05

Instrument :

MSVOA_D

ClientSampleId :

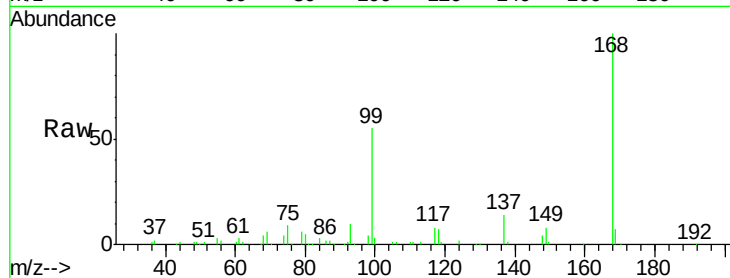
A-4(2.0)

Tot Ion:168 Resp: 643392

Ion Ratio Lower Upper

168 100

99 54.6 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.63

250000

200000

150000

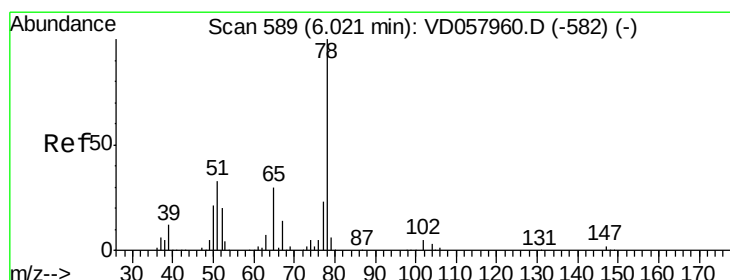
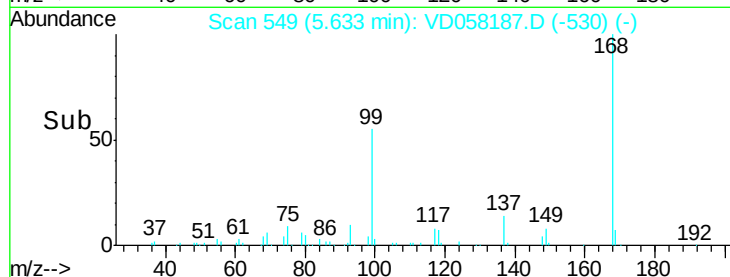
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.01 min Scan# 587

Delta R.T. -0.01 min

Lab File: VD058187.D

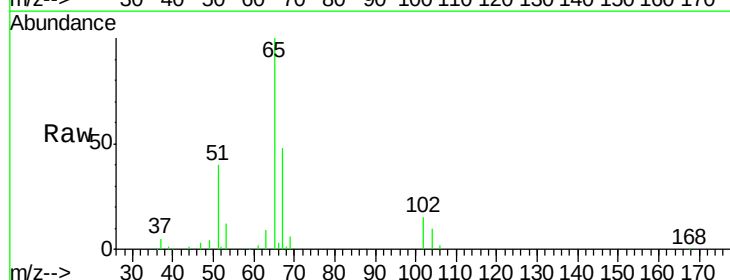
Acq: 18 Jun 2018 18:05

Tgt Ion: 65 Resp: 387412

Ion Ratio Lower Upper

65 100

67 48.5 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

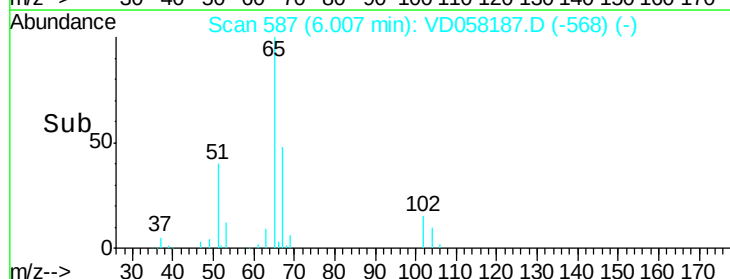
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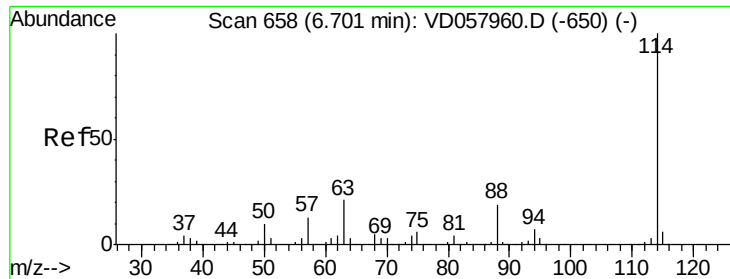
50000

0

Time-->

5.90 6.00 6.10 6.20

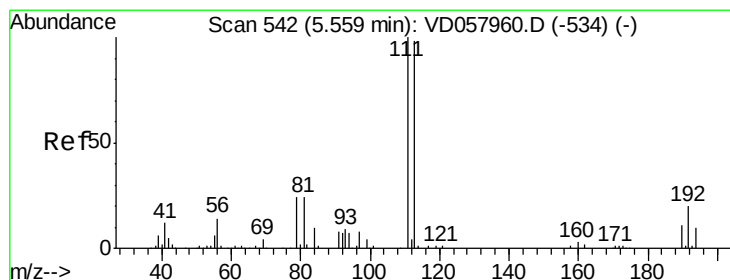
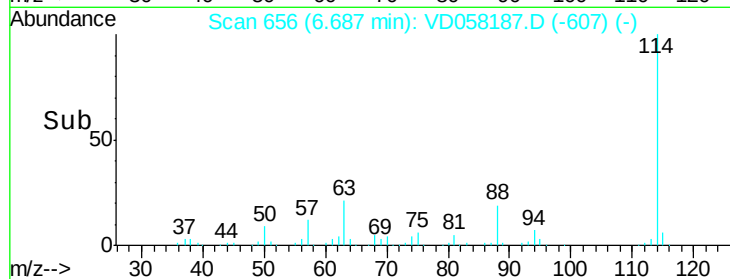
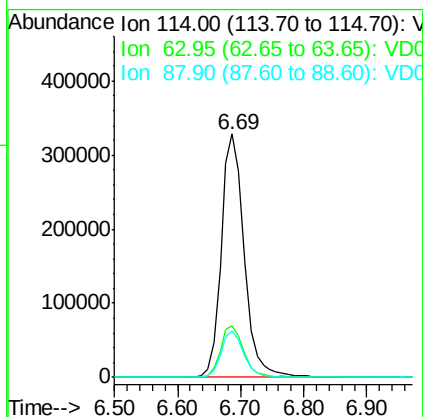
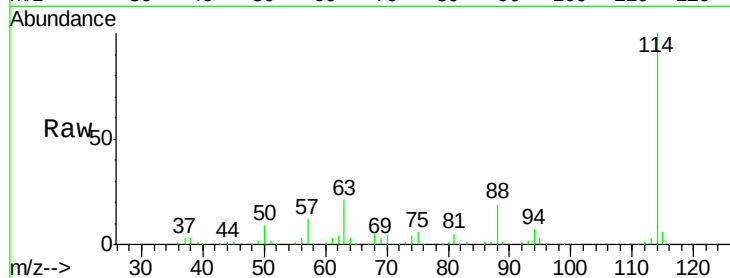




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VD058187.D
 Acq: 18 Jun 2018 18:05

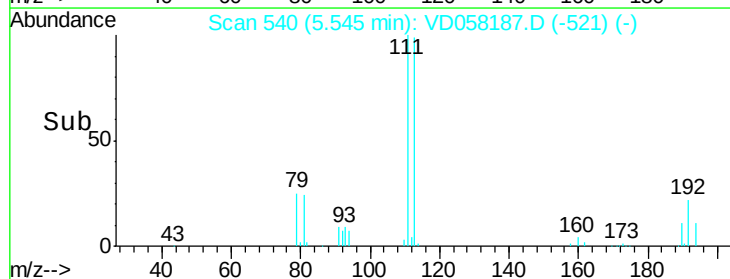
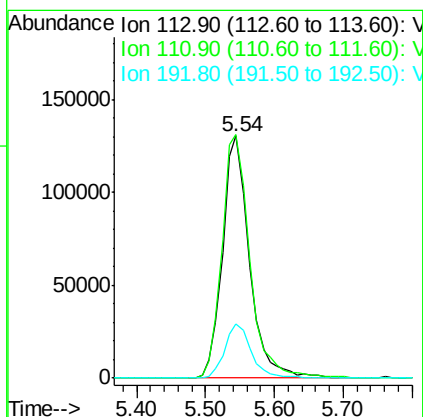
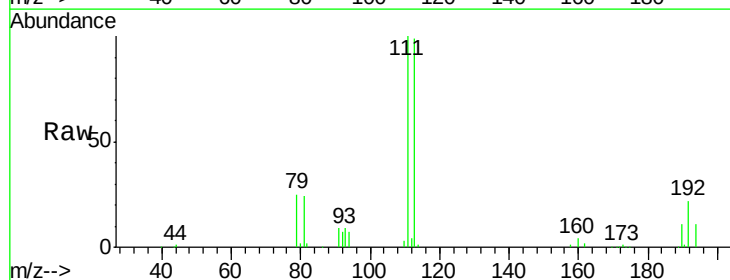
Instrument :
 MSVOA_D
 ClientSampleId :
 A-4(2.0)

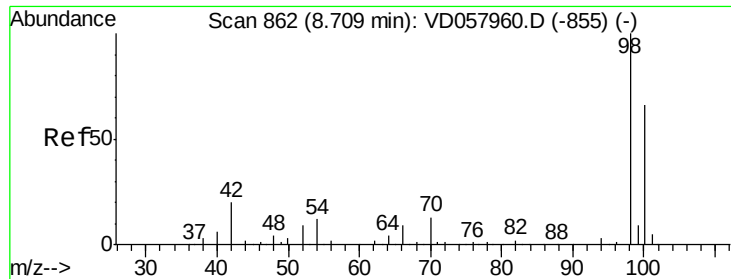
Tot Ion:114 Resp: 830145
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.8
 88 19.0 0.0 37.8



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. -0.01 min
 Lab File: VD058187.D
 Acq: 18 Jun 2018 18:05

Tgt Ion:113 Resp: 352273
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.5 122.3
 192 22.2 16.4 24.6





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.70 min Scan# 861

Delta R.T. -0.00 min

Lab File: VD058187.D

Acq: 18 Jun 2018 18:05

Instrument :

MSVOA_D

ClientSampleId :

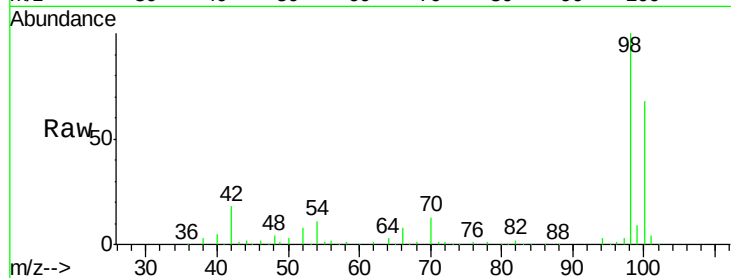
A-4(2.0)

Tot Ion: 98 Resp: 768040

Ion Ratio Lower Upper

98 100

100 67.7 53.4 80.0



Abundance Ion 98.05 (97.75 to 98.75): VD057960.D (-855) (-)

Ion 100.05 (99.75 to 100.75): VD057960.D (-855) (-)

8.70

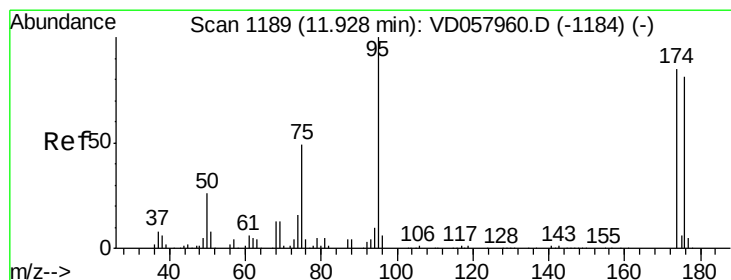
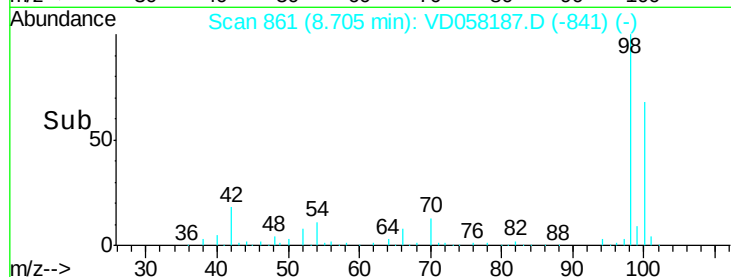
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD058187.D

Acq: 18 Jun 2018 18:05

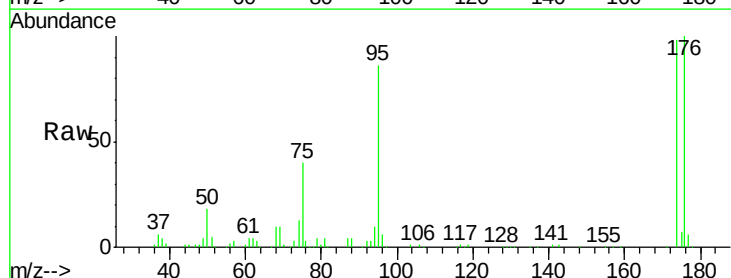
Tgt Ion: 95 Resp: 308167

Ion Ratio Lower Upper

95 100

174 114.3 0.0 169.4

176 116.8 0.0 162.6



Abundance Ion 95.00 (94.70 to 95.70): VD057960.D (-1184) (-)

Ion 173.90 (173.60 to 174.60): VD057960.D (-1184) (-)

Ion 175.90 (175.60 to 176.60): VD057960.D (-1184) (-)

11.93

300000

250000

200000

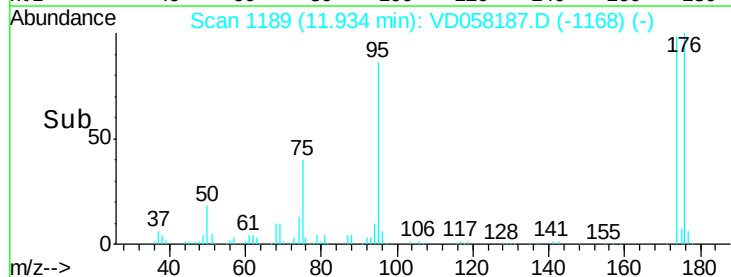
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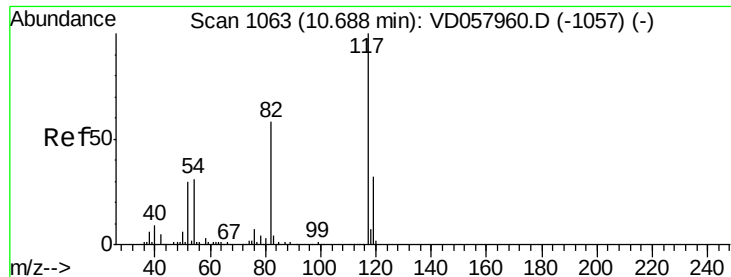
100000

50000

0

Time-->

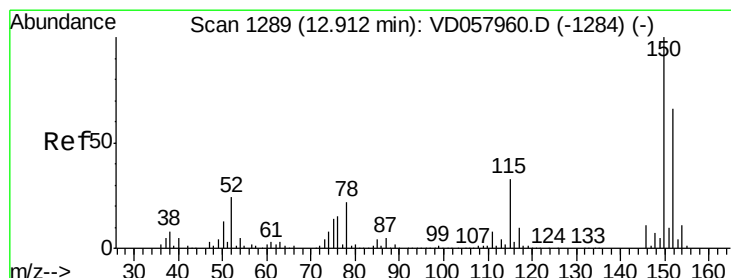
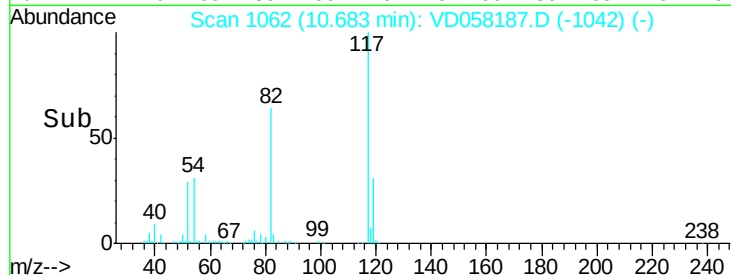
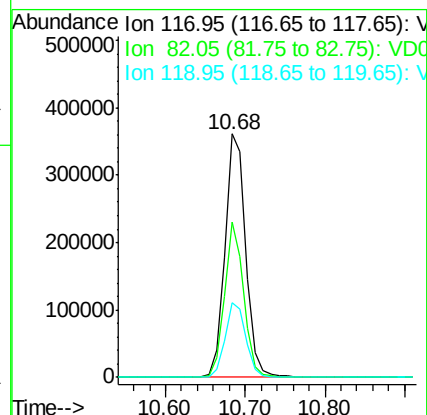
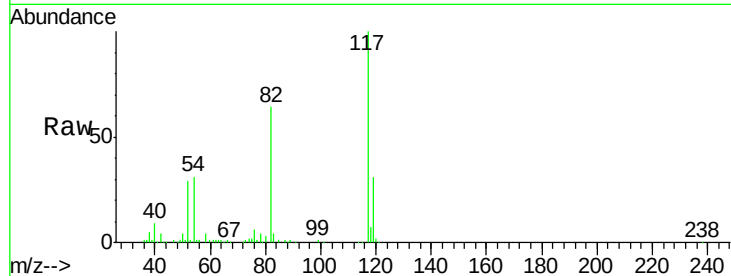




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.00 min
Lab File: VD058187.D
Acq: 18 Jun 2018 18:05

Instrument :
MSVOA_D
ClientSampleId :
A-4(2.0)

Tot Ion:117 Resp: 663523
Ion Ratio Lower Upper
117 100
82 64.0 46.8 70.2
119 30.5 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VD058187.D
Acq: 18 Jun 2018 18:05

Tgt Ion:152 Resp: 307524
Ion Ratio Lower Upper
152 100
115 49.8 25.6 76.6
150 155.7 0.0 306.8

