

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062337.D
 Acq On : 14 May 2019 9:16
 Operator : FY/SY
 Sample : K2735-15
 Misc : 4.09g/5mL/MSVOA D/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS017-0612-01

Quant Time: May 14 10:25:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	596930	50.00	ug/l	0.06
34) 1,4-Difluorobenzene	8.25	114	814969	50.00	ug/l	0.06
63) Chlorobenzene-d5	12.38	117	369835	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	187189	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.48	65	305054	54.99	ug/l	0.06
Spiked Amount 50.000			Recovery	=	109.98%	
35) Dibromofluoromethane	6.96	113	331050	48.96	ug/l	0.07
Spiked Amount 50.000			Recovery	=	97.92%	
50) Toluene-d8	10.44	98	285276	17.50	ug/l	0.04
Spiked Amount 50.000			Recovery	=	35.00%	
62) 4-Bromofluorobenzene	13.57	95	201156	30.73	ug/l	0.02
Spiked Amount 50.000			Recovery	=	61.46%	

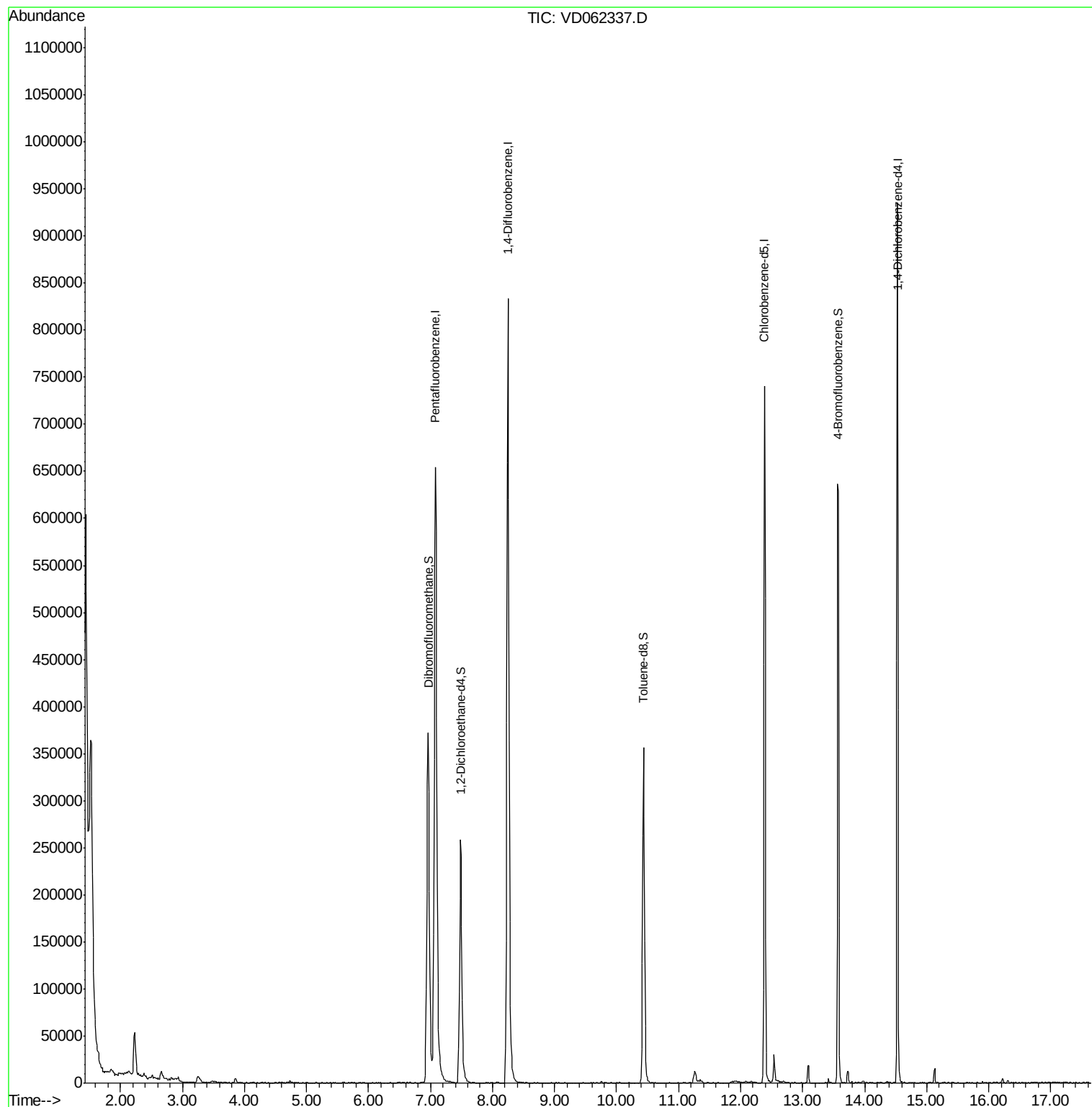
Target Compounds	Qvalue
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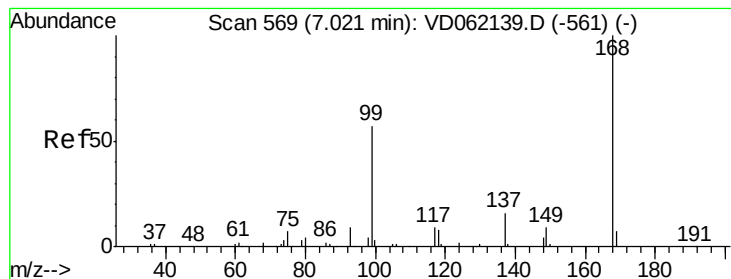
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.08 min Scan# 575

Delta R.T. 0.06 min

Lab File: VD062337.D

Acq: 14 May 2019 9:16

Instrument :

MSVOA_D

ClientSampleId :

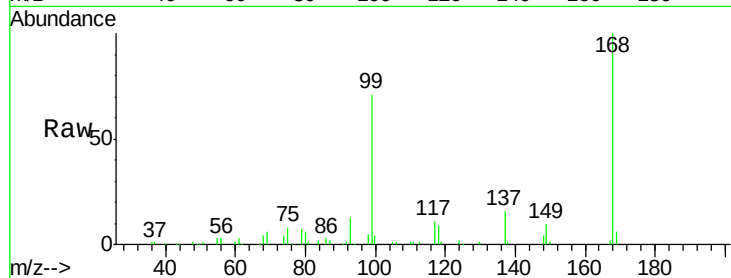
P026-SS017-0612-01

Tot Ion:168 Resp: 596930

Ion Ratio Lower Upper

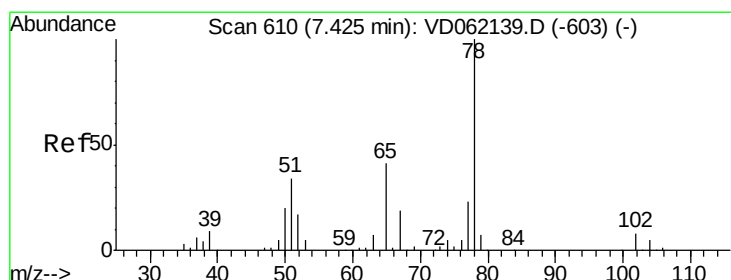
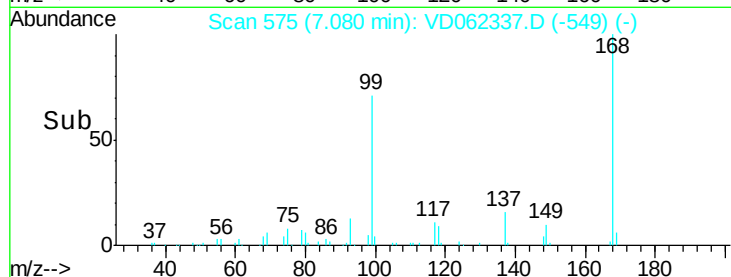
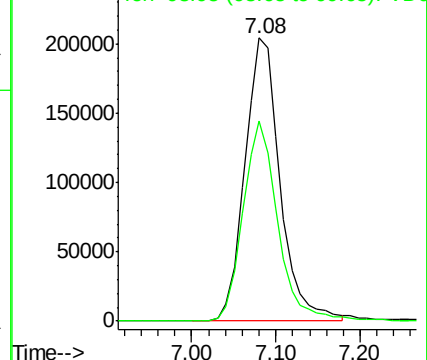
168 100

99 70.8 46.5 69.7#



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: 54.991 ug/l

RT: 7.48 min Scan# 616

Delta R.T. 0.06 min

Lab File: VD062337.D

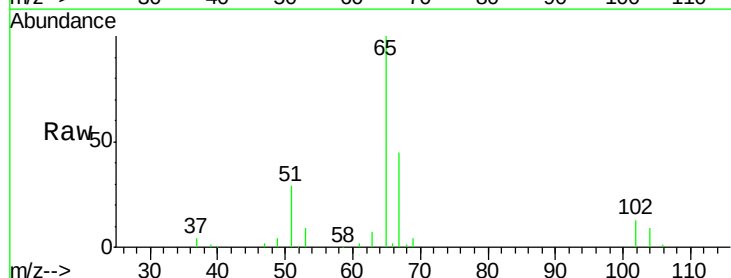
Acq: 14 May 2019 9:16

Tgt Ion: 65 Resp: 305054

Ion Ratio Lower Upper

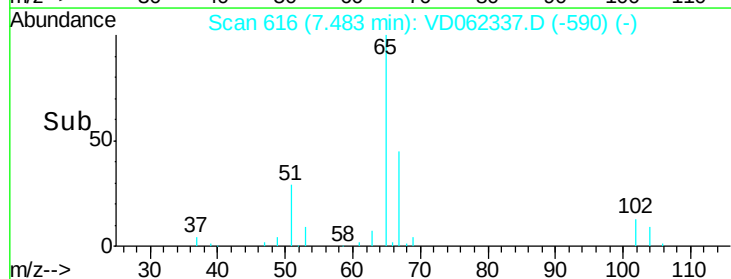
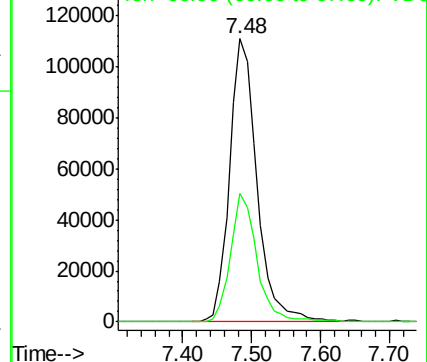
65 100

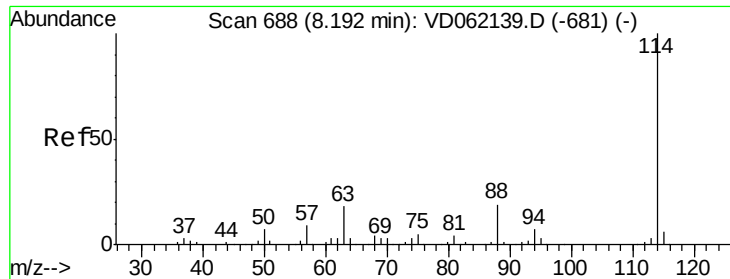
67 45.3 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.25 min Scan# 694

Delta R.T. 0.06 min

Lab File: VD062337.D

Acq: 14 May 2019 9:16

Instrument :

MSVOA_D

ClientSampleId :

P026-SS017-0612-01

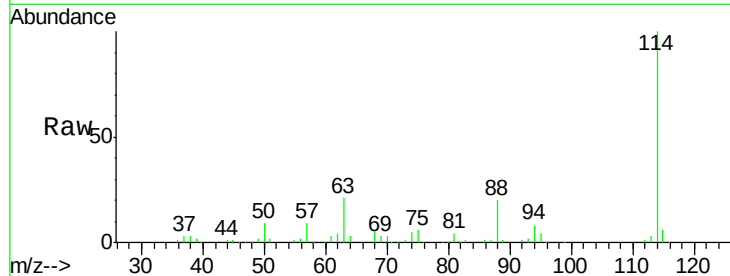
Tot Ion:114 Resp: 814969

Ion Ratio Lower Upper

114 100

63 21.2 0.0 32.4

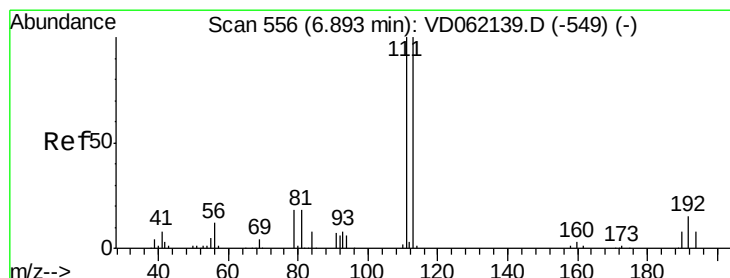
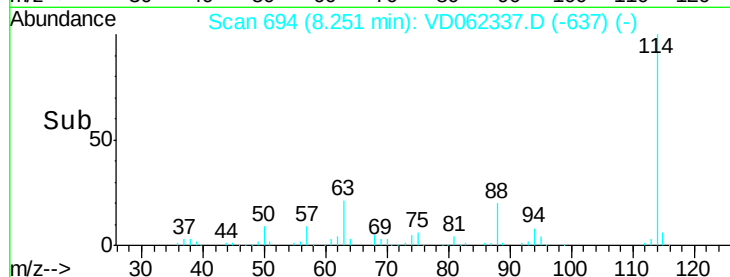
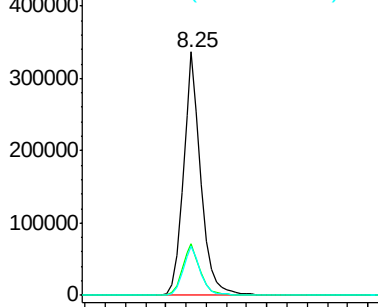
88 20.0 0.0 33.6



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: 48.958 ug/l

RT: 6.96 min Scan# 563

Delta R.T. 0.07 min

Lab File: VD062337.D

Acq: 14 May 2019 9:16

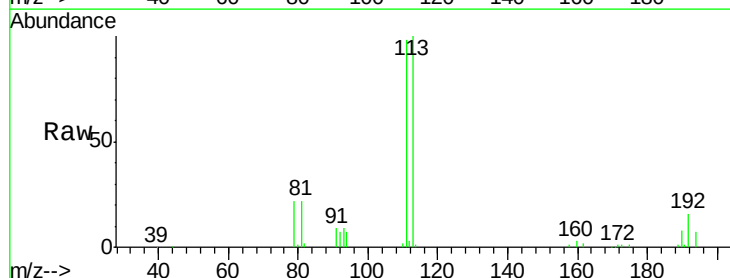
Tgt Ion:113 Resp: 331050

Ion Ratio Lower Upper

113 100

111 97.6 78.5 117.7

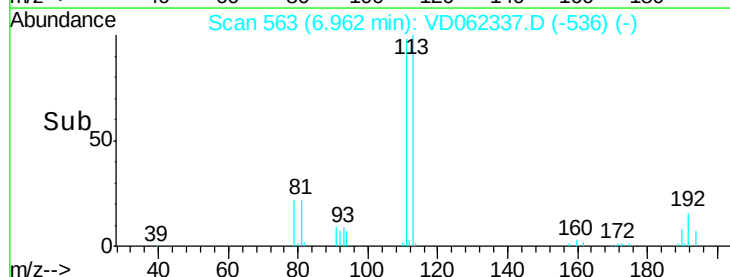
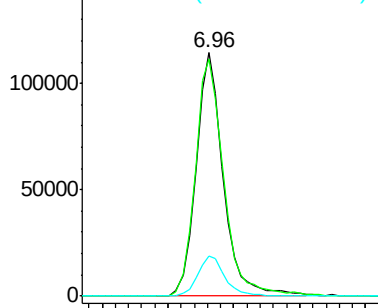
192 16.3 13.0 19.4

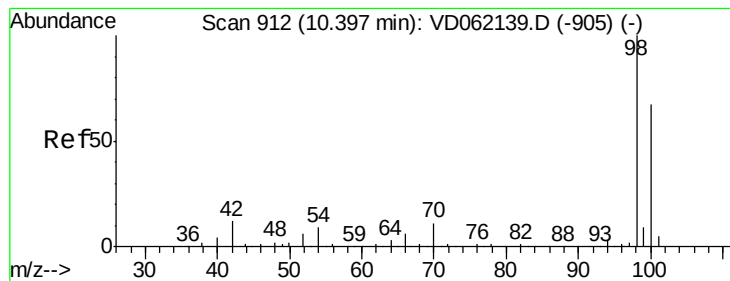


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 17.498 ug/l

RT: 10.44 min Scan# 916

Delta R.T. 0.04 min

Lab File: VD062337.D

Acq: 14 May 2019 9:16

Instrument :

MSVOA_D

ClientSampleId :

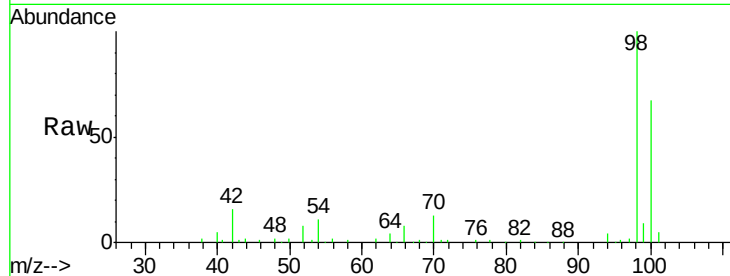
P026-SS017-0612-01

Tot Ion: 98 Resp: 285276

Ion Ratio Lower Upper

98 100

100 67.2 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD062139.D (-905) (-)

10.44

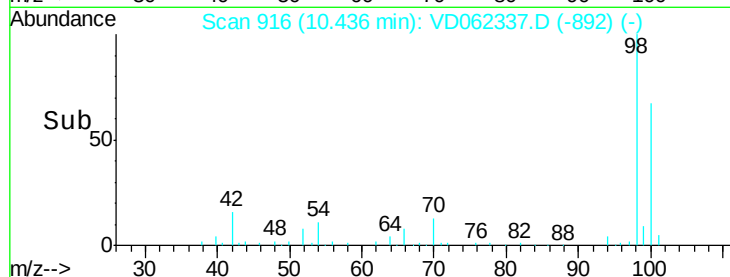
150000

100000

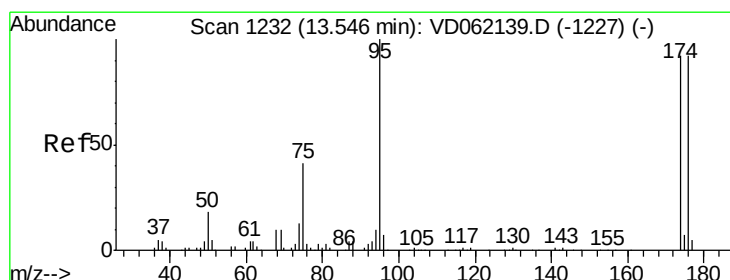
50000

0

Time-->



Time-->



#62

4-Bromofluorobenzene

Concen: 30.726 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD062337.D

Acq: 14 May 2019 9:16

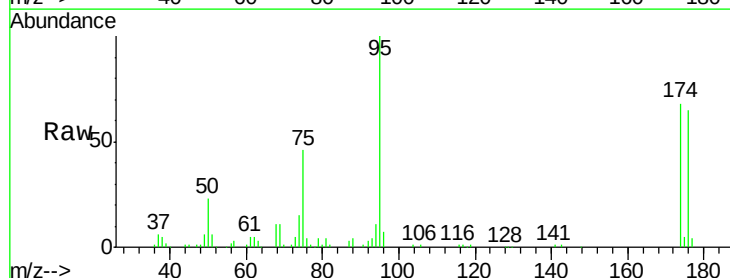
Tgt Ion: 95 Resp: 201156

Ion Ratio Lower Upper

95 100

174 68.1 0.0 181.8

176 64.9 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062139.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD062139.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD062139.D (-1227) (-)

13.57

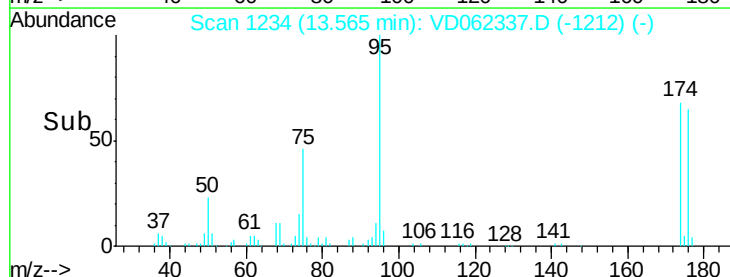
150000

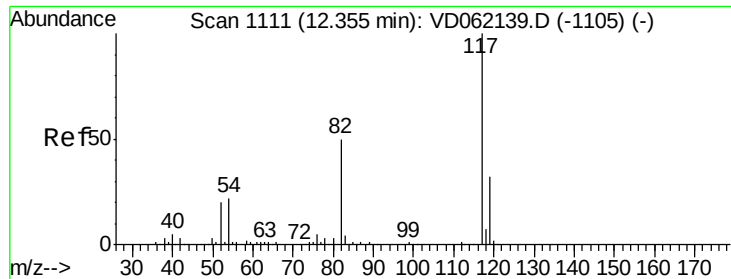
100000

50000

0

Time-->

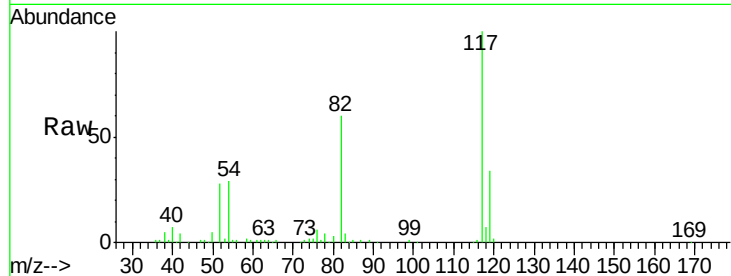




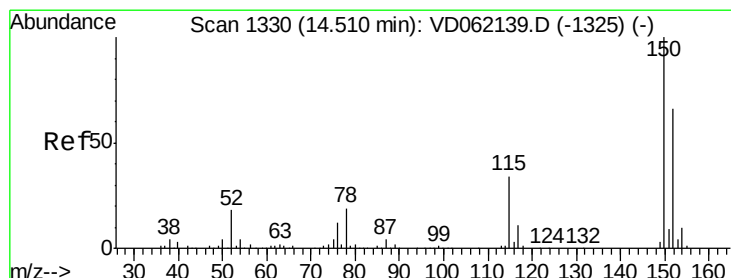
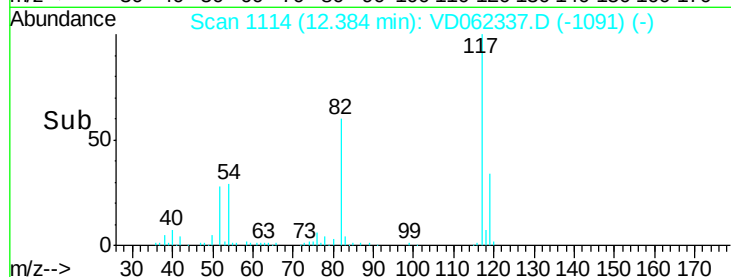
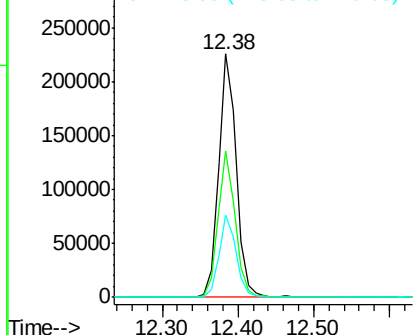
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1114
Delta R.T. 0.03 min
Lab File: VD062337.D
Acq: 14 May 2019 9:16

Instrument :
MSVOA_D
ClientSampleId :
P026-SS017-0612-01

Tot Ion:117 Resp: 369835
Ion Ratio Lower Upper
117 100
82 60.4 36.2 54.2#
119 34.0 26.2 39.4

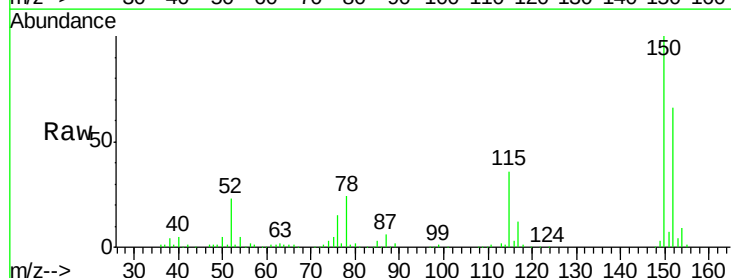


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. 0.02 min
Lab File: VD062337.D
Acq: 14 May 2019 9:16

Tgt Ion:152 Resp: 187189
Ion Ratio Lower Upper
152 100
115 55.5 30.9 92.7
150 152.3 0.0 314.8



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

