

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070219\
 Data File : VD063009.D
 Acq On : 2 Jul 2019 18:22
 Operator : VA/AP
 Sample : K3602-03
 Misc : 5.07g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-3

Quant Time: Jul 03 01:29:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	1043979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1309998	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1149163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	585324	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	394053	34.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.44%	
35) Dibromofluoromethane	6.94	113	472613	42.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.58%	
50) Toluene-d8	10.42	98	1022665	42.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.08%	
62) 4-Bromofluorobenzene	13.56	95	430220	39.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.72%	

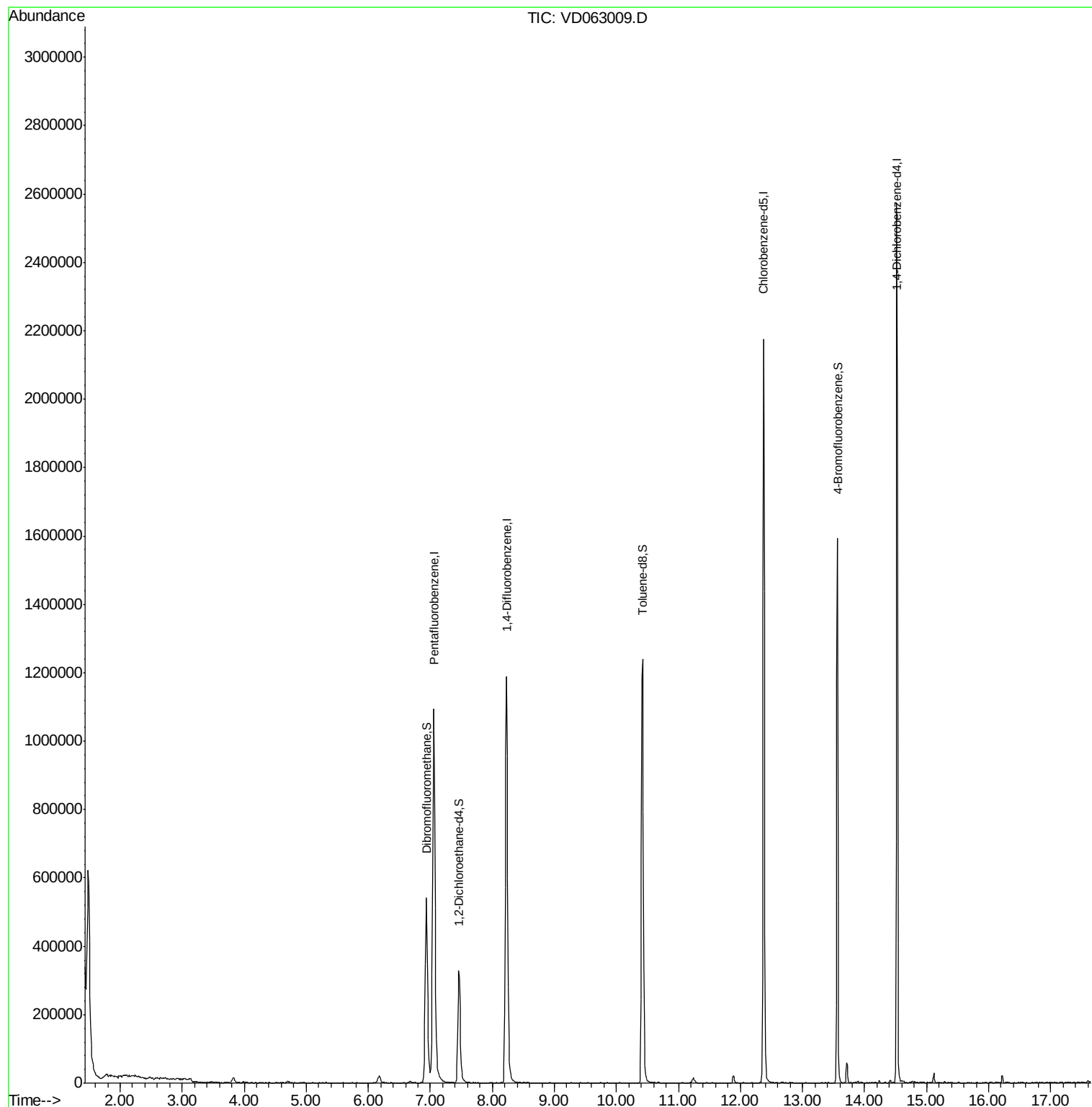
Target Compounds	Qvalue

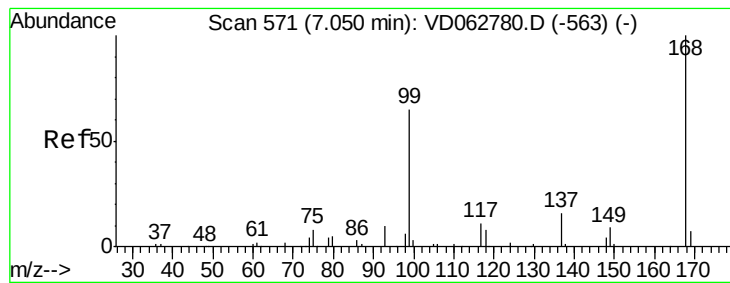
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD063009.D

Acq: 2 Jul 2019 18:22

Instrument :

MSVOA_D

ClientSampleId :

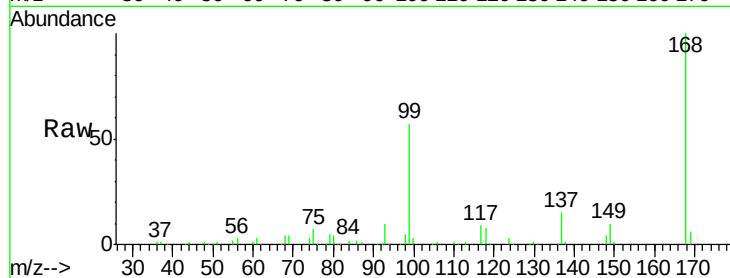
GP-3

Tot Ion:168 Resp: 1043979

Ion Ratio Lower Upper

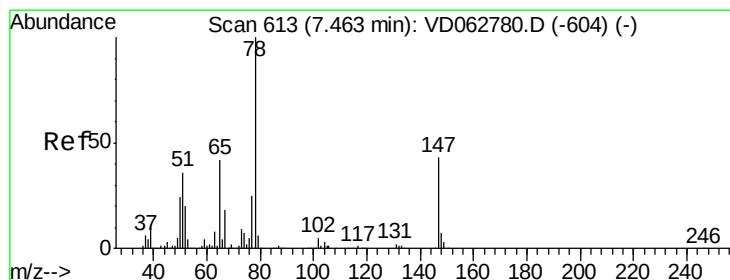
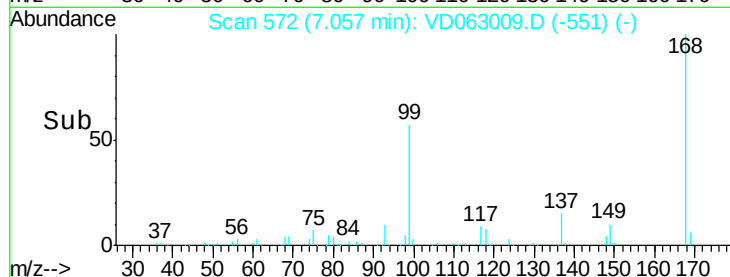
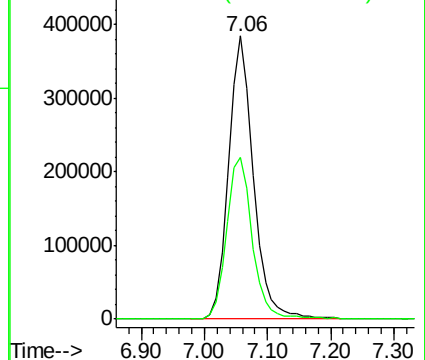
168 100

99 57.1 53.0 79.6



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: 34.725 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD063009.D

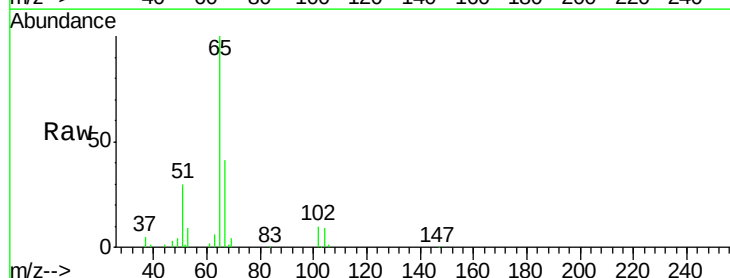
Acq: 2 Jul 2019 18:22

Tgt Ion: 65 Resp: 394053

Ion Ratio Lower Upper

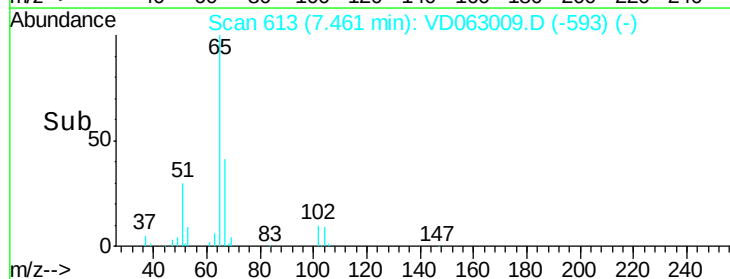
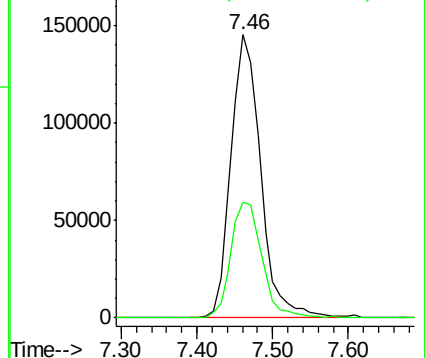
65 100

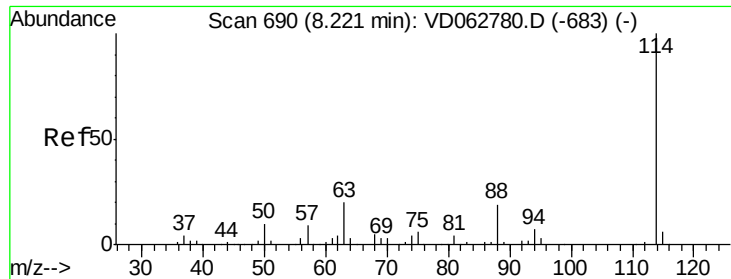
67 40.7 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

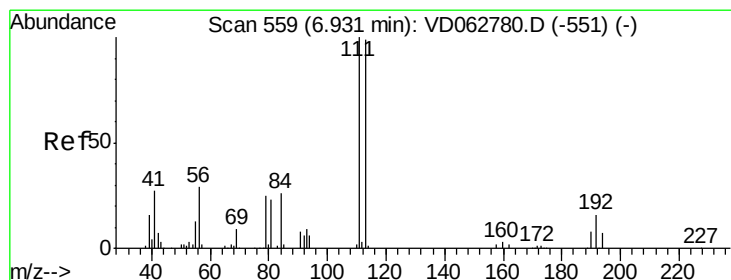
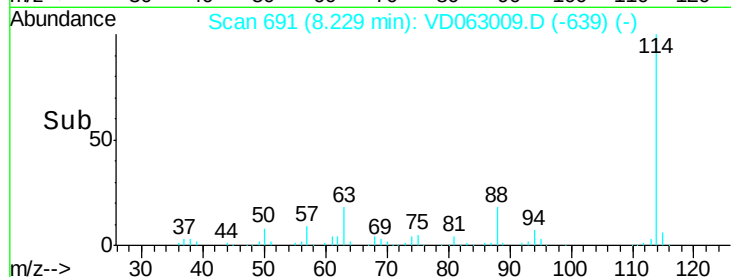
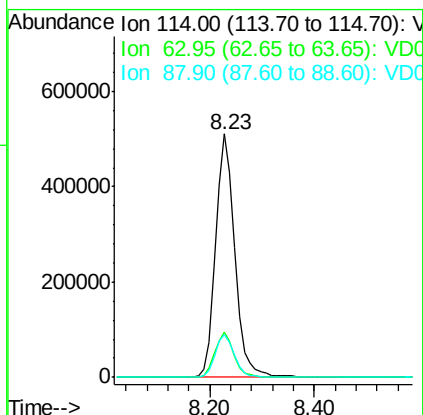
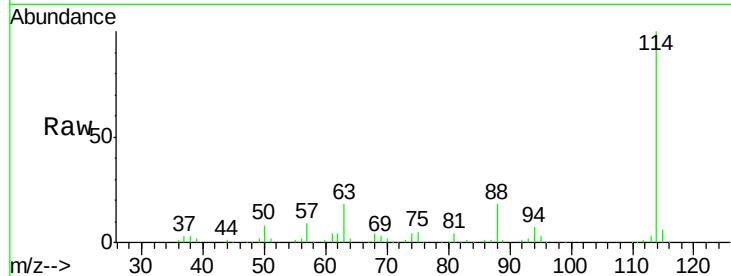




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD063009.D
 Acq: 2 Jul 2019 18:22

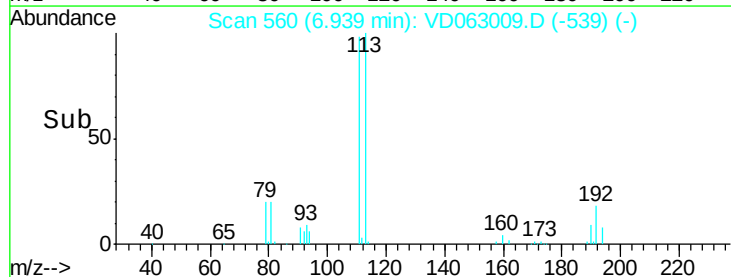
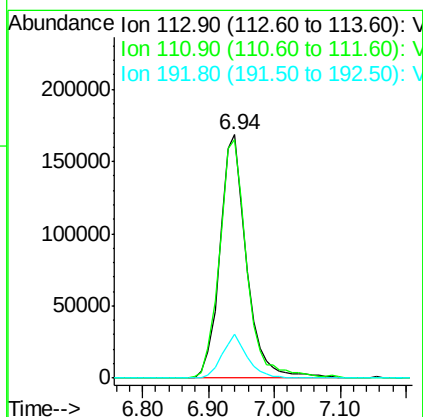
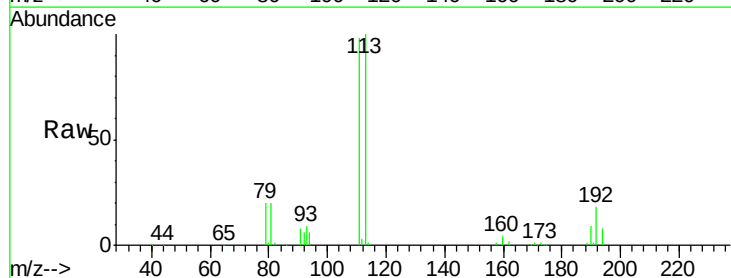
Instrument :
 MSVOA_D
 ClientSampleId :
 GP-3

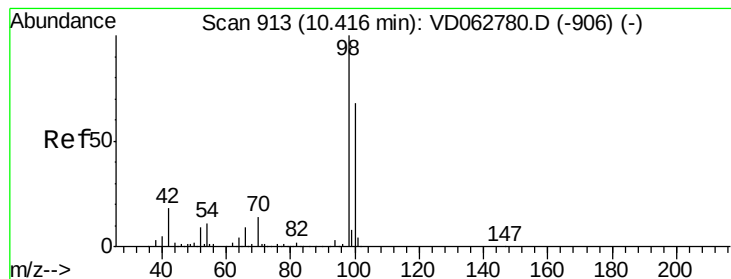
Tot Ion:114 Resp: 1309998
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 40.0
 88 17.7 0.0 38.8



#35
 Dibromofluoromethane
 Concen: 42.786 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD063009.D
 Acq: 2 Jul 2019 18:22

Tgt Ion:113 Resp: 472613
 Ion Ratio Lower Upper
 113 100
 111 97.8 81.2 121.8
 192 18.1 12.9 19.3





#50

Toluene-d8

Concen: 42.539 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD063009.D

Acq: 2 Jul 2019 18:22

Instrument :

MSVOA_D

ClientSampled :

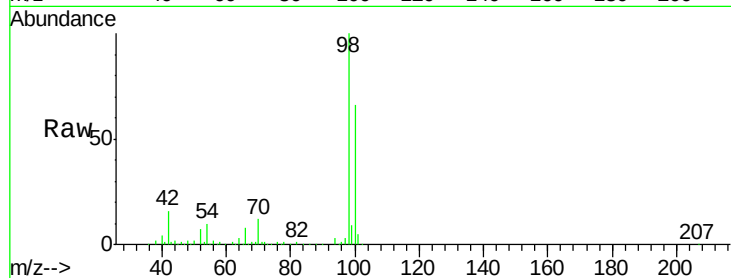
GP-3

Tot Ion: 98 Resp: 1022665

Ion Ratio Lower Upper

98 100

100 66.2 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VD062780.D (-906) (-)

Ion 100.05 (99.75 to 100.75): VD062780.D (-906) (-)

10.42

500000

400000

300000

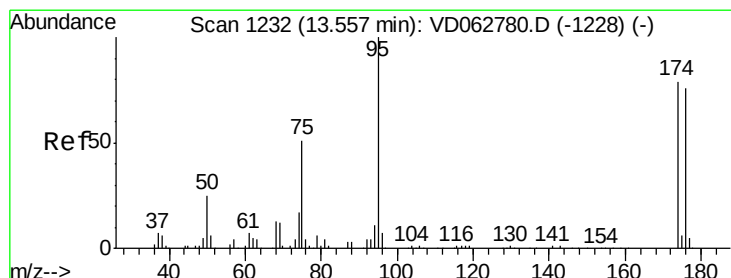
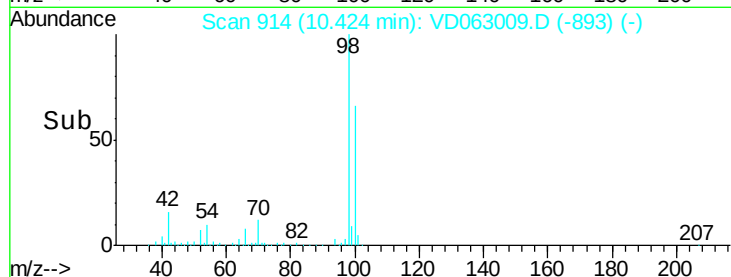
200000

100000

0

Time-->

10.30 10.40 10.50 10.60



#62

4-Bromofluorobenzene

Concen: 39.356 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD063009.D

Acq: 2 Jul 2019 18:22

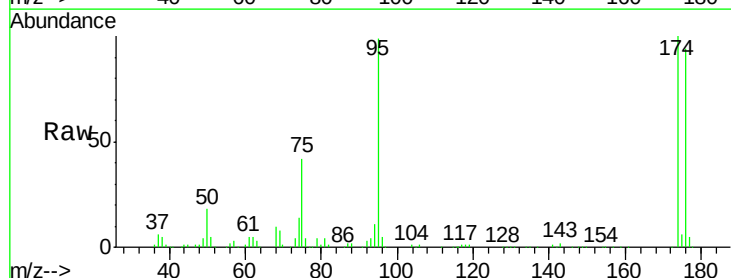
Tgt Ion: 95 Resp: 430220

Ion Ratio Lower Upper

95 100

174 101.3 0.0 158.0

176 95.6 0.0 151.6



Abundance Ion 95.00 (94.70 to 95.70): VD062780.D (-1228) (-)

Ion 173.90 (173.60 to 174.60): VD062780.D (-1228) (-)

Ion 175.90 (175.60 to 176.60): VD062780.D (-1228) (-)

400000

300000

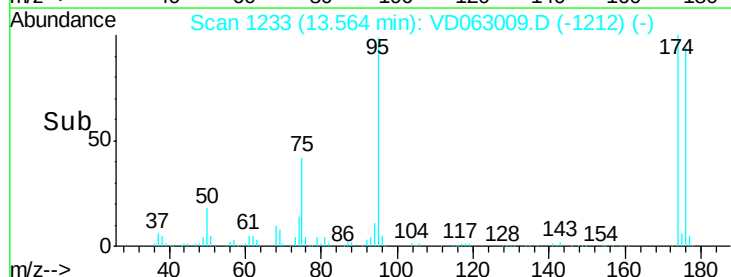
200000

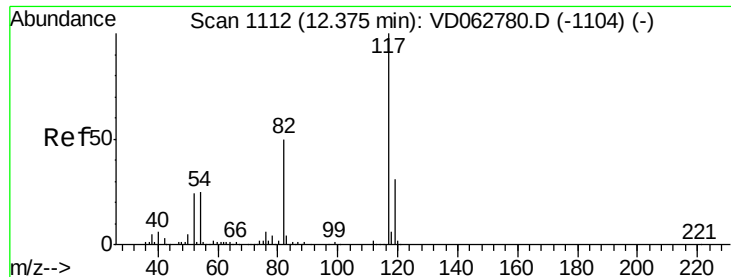
100000

0

Time-->

13.50 13.60

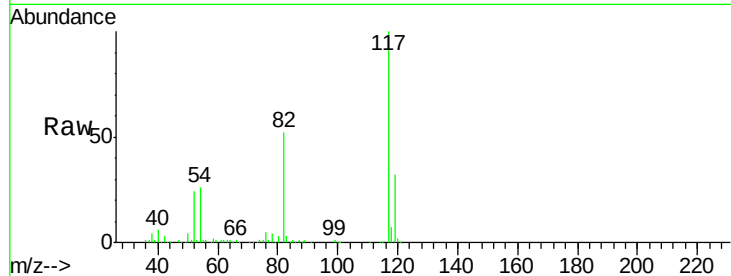




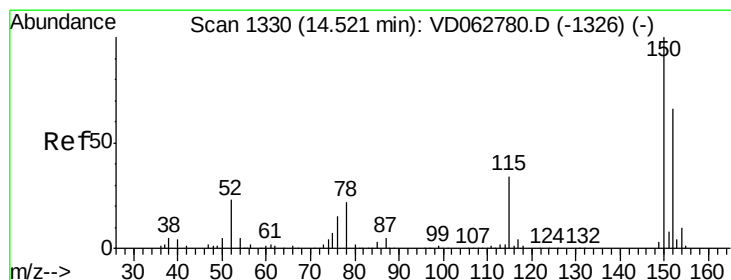
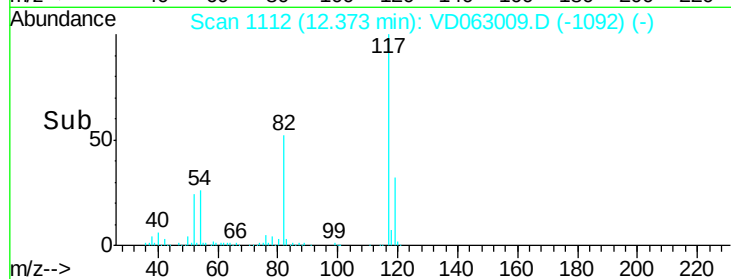
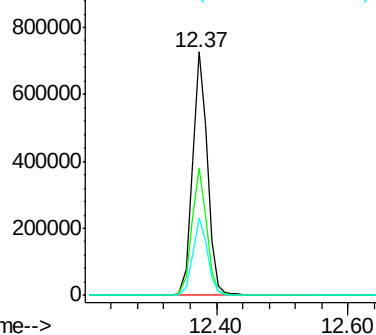
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD063009.D
Acq: 2 Jul 2019 18:22

Instrument :
MSVOA_D
ClientSampleID :
GP-3

Tot Ion:117 Resp: 1149163
Ion Ratio Lower Upper
117 100
82 52.0 40.4 60.6
119 31.6 25.2 37.8

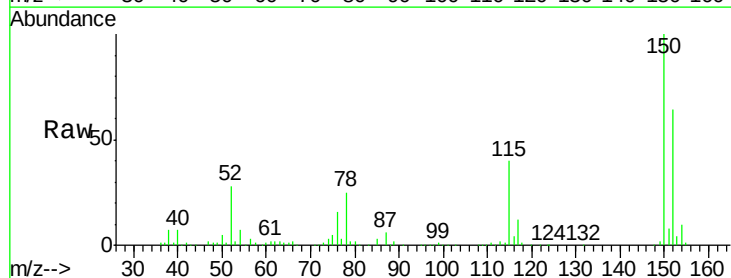


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063009.D
Acq: 2 Jul 2019 18:22

Tgt Ion:152 Resp: 585324
Ion Ratio Lower Upper
152 100
115 62.6 29.2 87.6
150 155.6 0.0 305.8



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

