

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080719\
 Data File : VD063421.D
 Acq On : 7 Aug 2019 16:02
 Operator : JC/SY
 Sample : K4200-01
 Misc : 6.37g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14

Quant Time: Aug 08 08:25:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	1173046	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	1602542	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	1373633	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	668547	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	620708	47.69	ug/l	0.04
Spiked Amount	50.000		Recovery	=	95.38%	
35) Dibromofluoromethane	6.95	113	675489	49.37	ug/l	0.04
Spiked Amount	50.000		Recovery	=	98.74%	
50) Toluene-d8	10.42	98	1452851	47.45	ug/l	0.02
Spiked Amount	50.000		Recovery	=	94.90%	
62) 4-Bromofluorobenzene	13.56	95	665138	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	

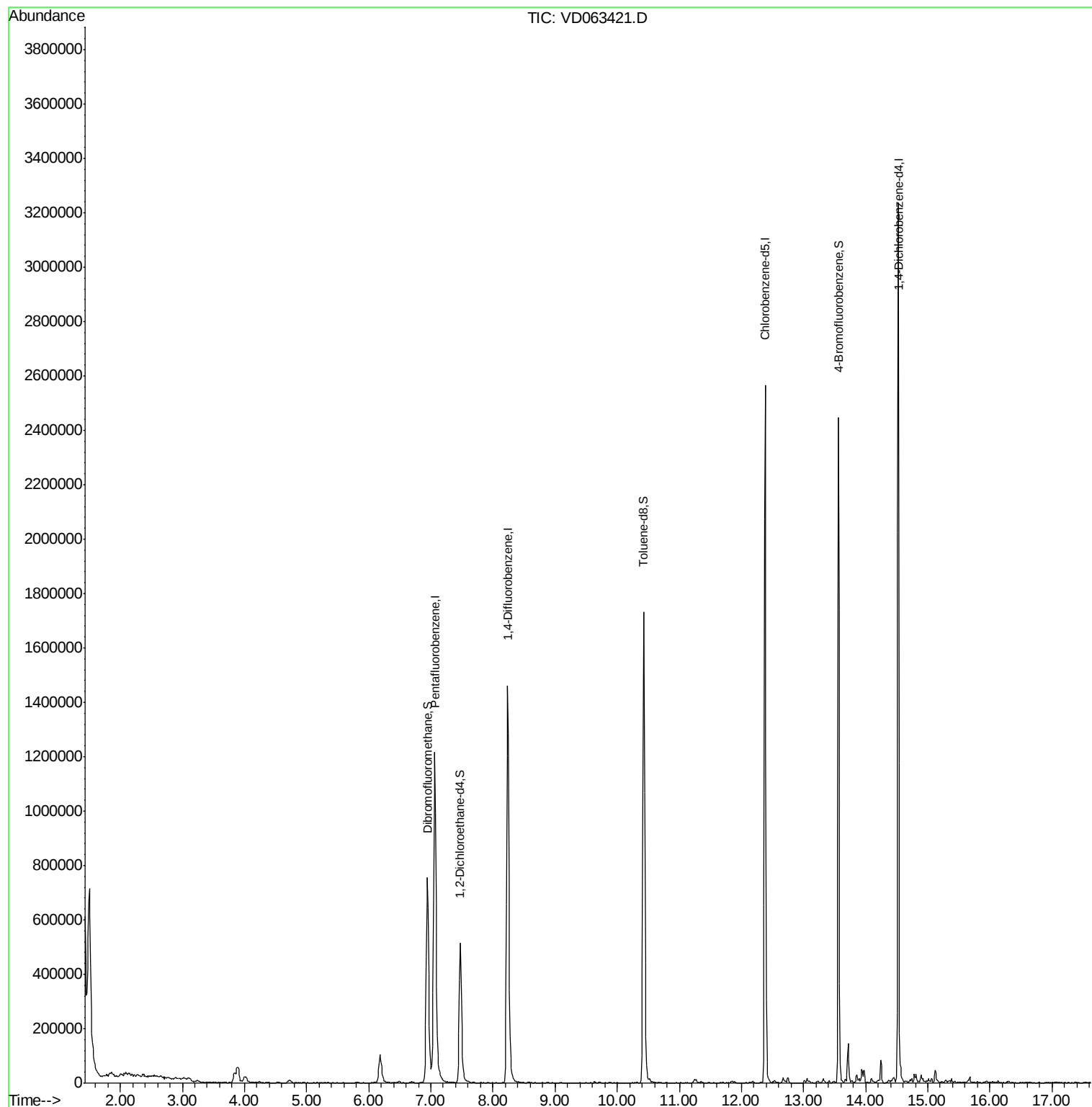
Target Compounds	Qvalue

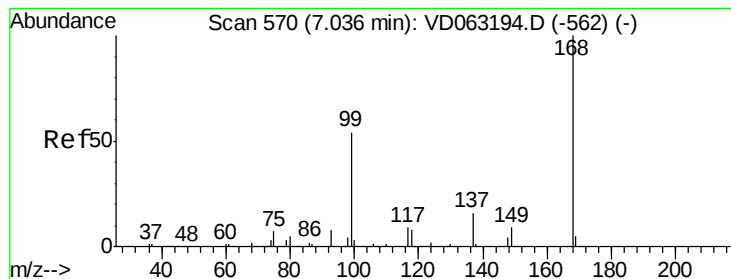
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.03 min

Lab File: VD063421.D

Acq: 7 Aug 2019 16:02

Instrument :

MSVOA_D

ClientSampleId :

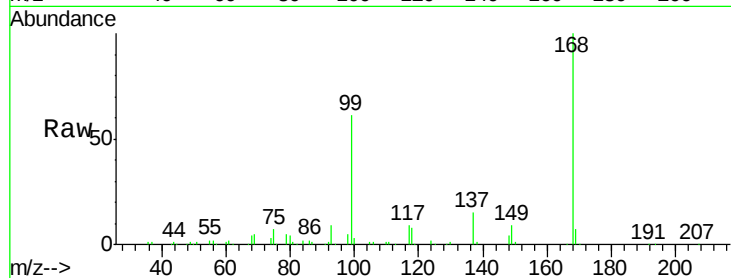
TP-14

Tot Ion:168 Resp: 1173046

Ion Ratio Lower Upper

168 100

99 60.5 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

400000

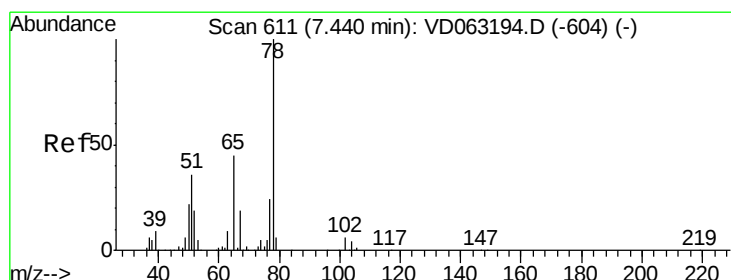
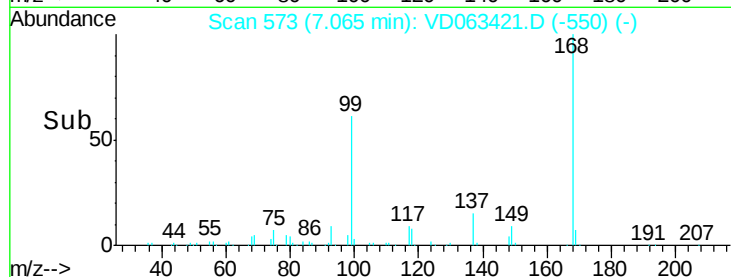
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.688 ug/l

RT: 7.48 min Scan# 615

Delta R.T. 0.04 min

Lab File: VD063421.D

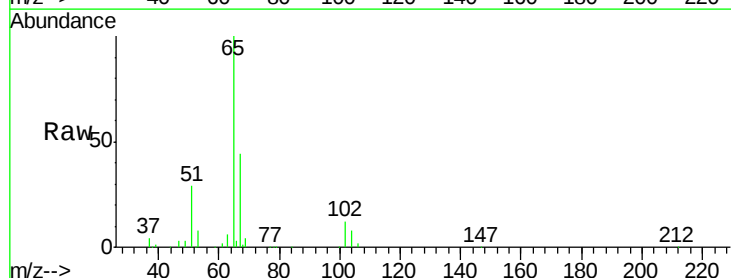
Acq: 7 Aug 2019 16:02

Tgt Ion: 65 Resp: 620708

Ion Ratio Lower Upper

65 100

67 44.1 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.48

250000

200000

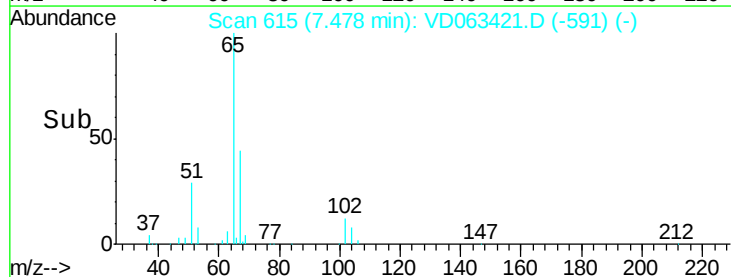
150000

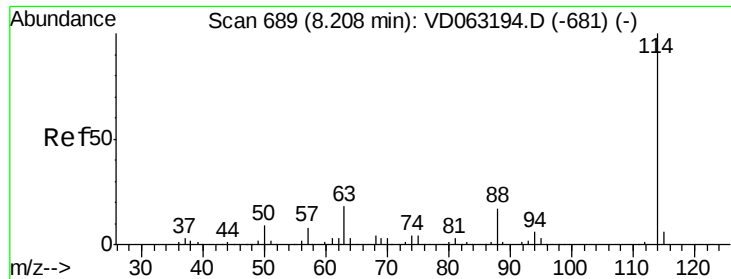
100000

50000

0

Time-->

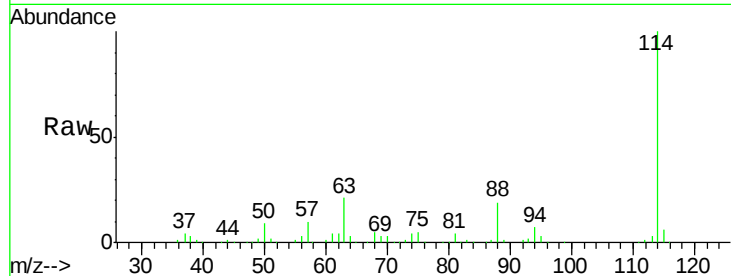




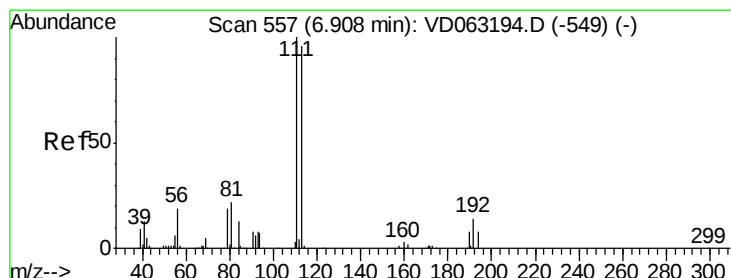
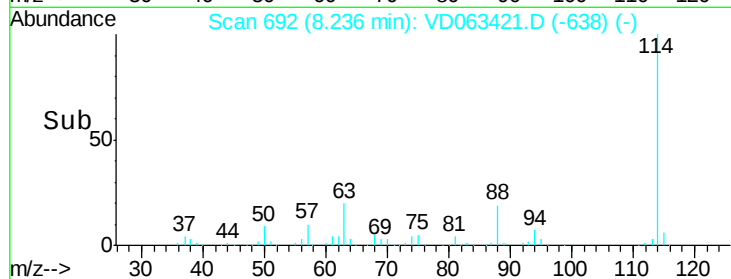
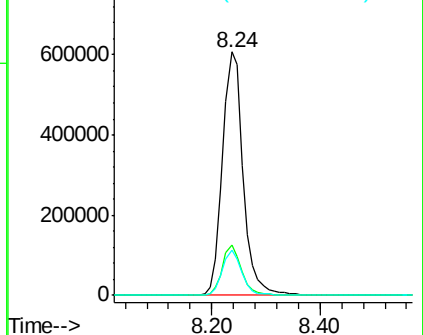
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.03 min
 Lab File: VD063421.D
 Acq: 7 Aug 2019 16:02

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14

Tot Ion:114 Resp: 1602542
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 35.2
 88 18.6 0.0 34.6

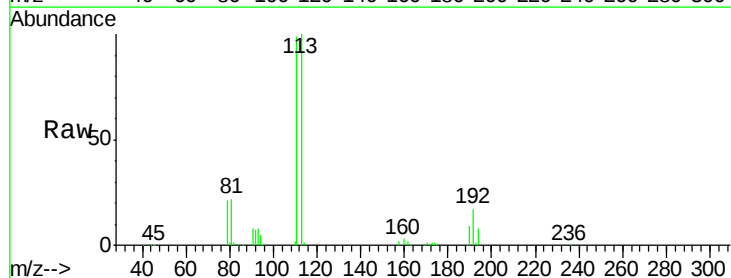


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

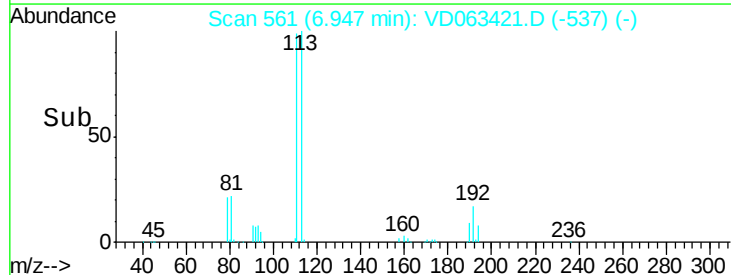
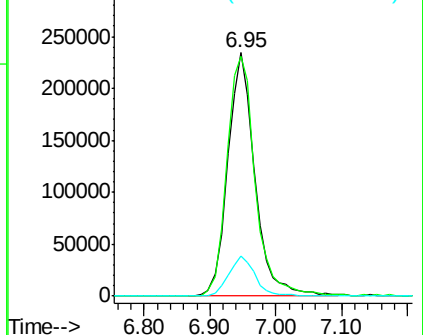


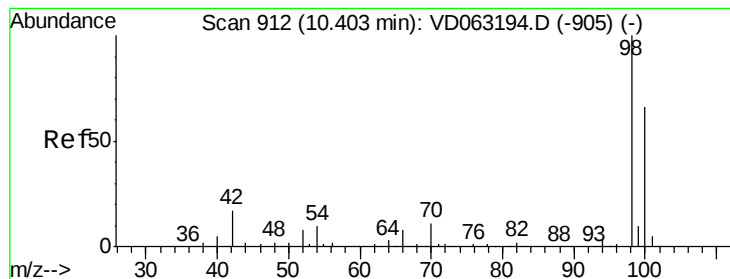
#35
 Dibromofluoromethane
 Concen: 49.370 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.04 min
 Lab File: VD063421.D
 Acq: 7 Aug 2019 16:02

Tgt Ion:113 Resp: 675489
 Ion Ratio Lower Upper
 113 100
 111 98.7 83.2 124.8
 192 16.5 11.8 17.8



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: 47.446 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD063421.D

Acq: 7 Aug 2019 16:02

Instrument :

MSVOA_D

ClientSampleId :

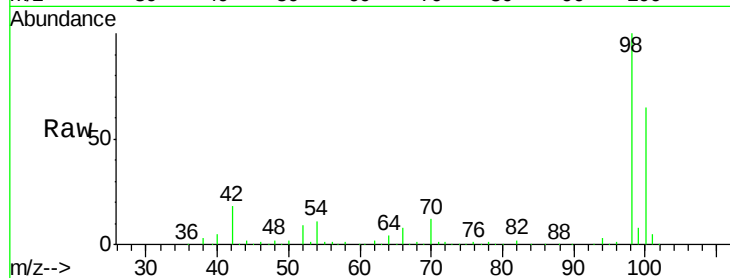
TP-14

Tot Ion: 98 Resp: 1452851

Ion Ratio Lower Upper

98 100

100 64.6 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.42

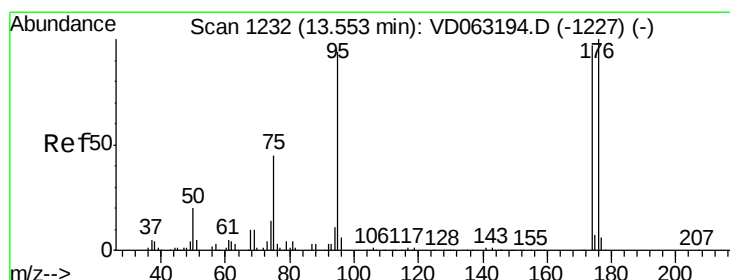
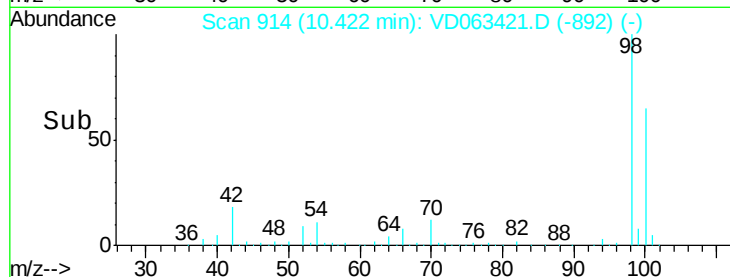
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.667 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD063421.D

Acq: 7 Aug 2019 16:02

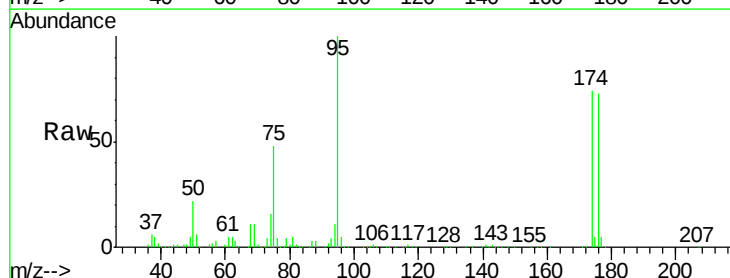
Tgt Ion: 95 Resp: 665138

Ion Ratio Lower Upper

95 100

174 74.5 0.0 205.4

176 73.0 0.0 211.8



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

13.56

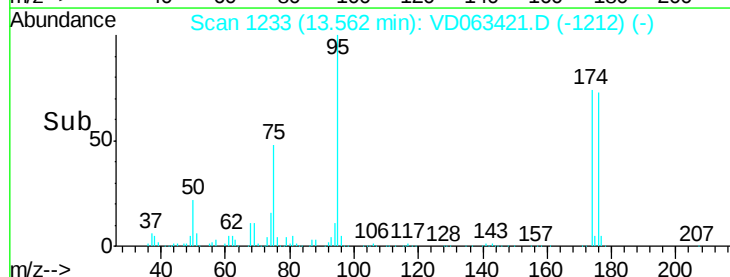
600000

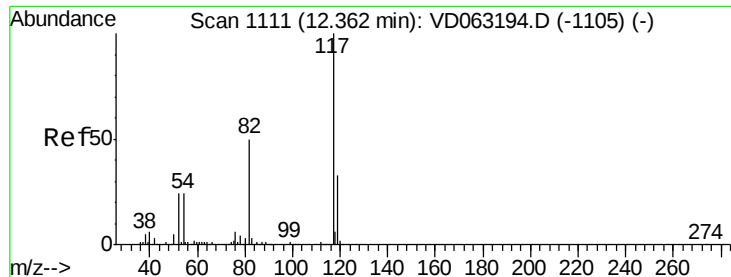
400000

200000

0

Time-->

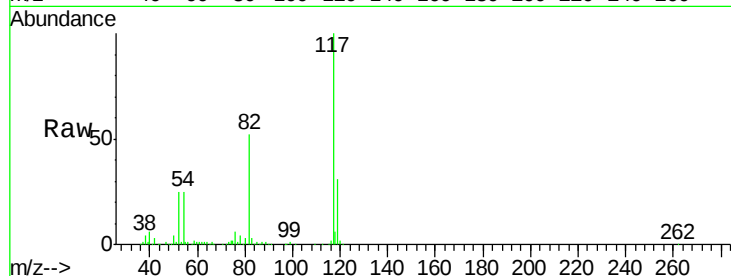




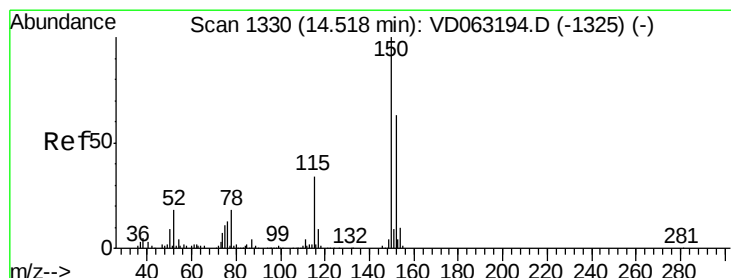
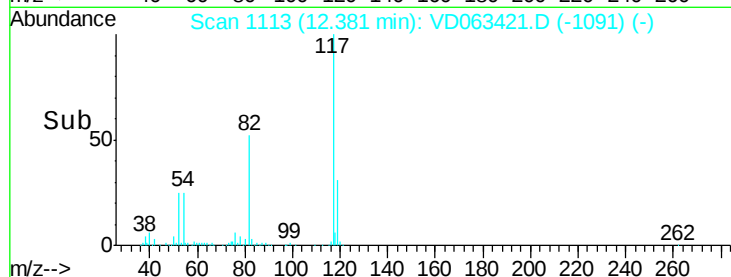
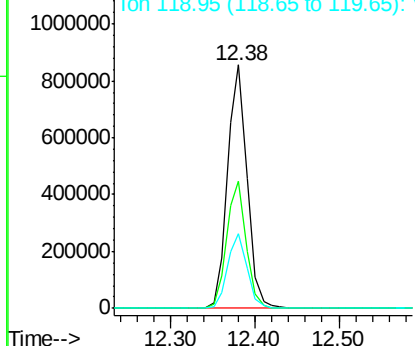
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD063421.D
Acq: 7 Aug 2019 16:02

Instrument :
MSVOA_D
ClientSampled :
TP-14

Tot Ion:117 Resp: 1373633
Ion Ratio Lower Upper
117 100
82 52.1 40.1 60.1
119 30.9 26.5 39.7

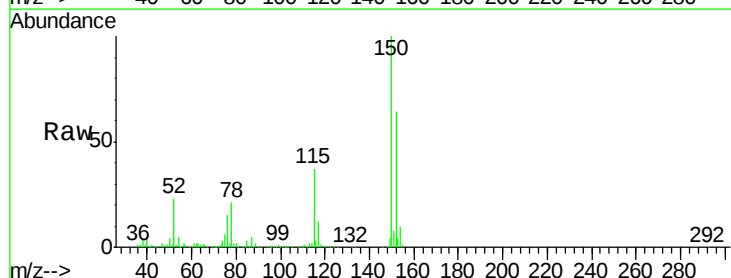


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD063421.D
Acq: 7 Aug 2019 16:02

Tgt Ion:152 Resp: 668547
Ion Ratio Lower Upper
152 100
115 58.0 27.5 82.4
150 156.0 0.0 320.6



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

