

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071919\
 Data File : VD063163.D
 Acq On : 19 Jul 2019 19:36
 Operator : VA/AP
 Sample : K3807-02RE
 Misc : 5.87g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-053RE

Quant Time: Jul 20 05:46:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	557855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	765952	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	453828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	136903	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	512104	73.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	147.38%	
35) Dibromofluoromethane	6.92	113	496496	65.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.16%	
50) Toluene-d8	10.41	98	937162	57.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.38%	
62) 4-Bromofluorobenzene	13.56	95	267939	35.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.68%	

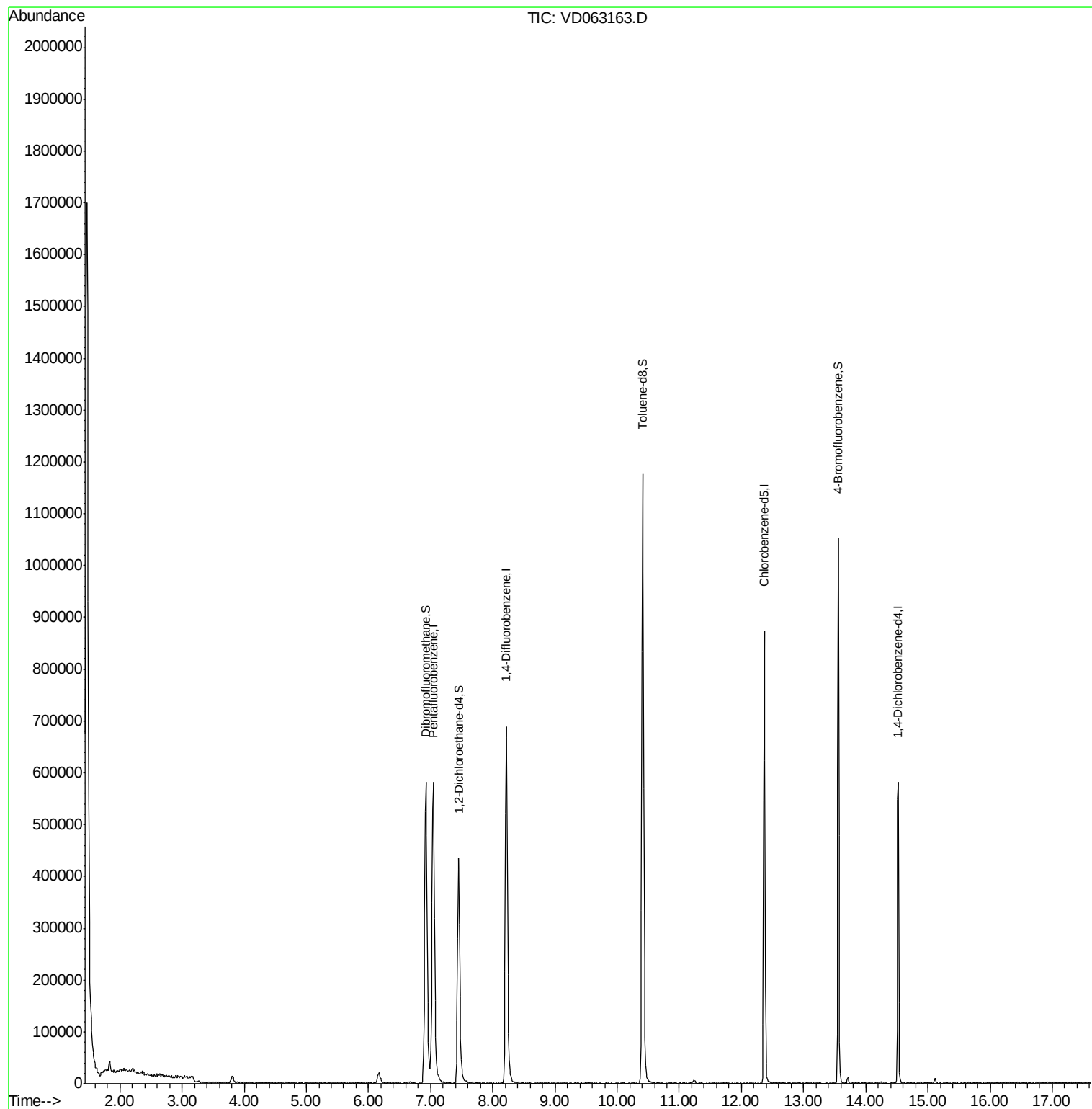
Target Compounds	Qvalue

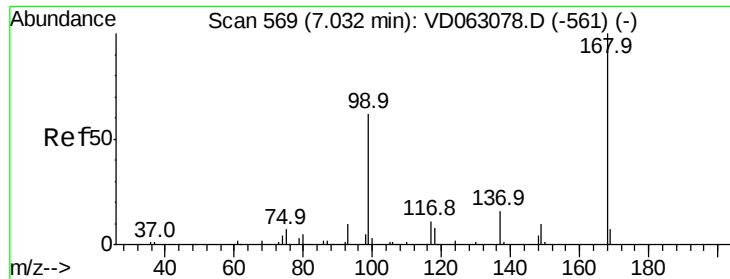
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.01 min

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ClientSampleId :

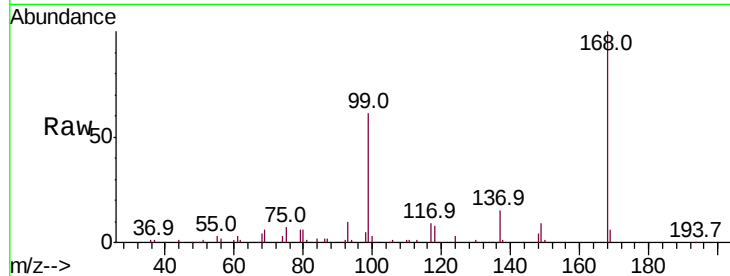
FK-PS-01-053RE

Tot Ion:168 Resp: 557855

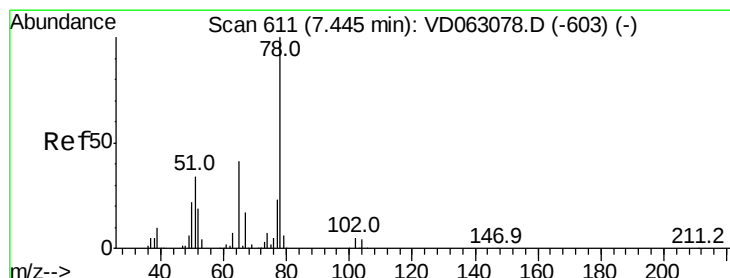
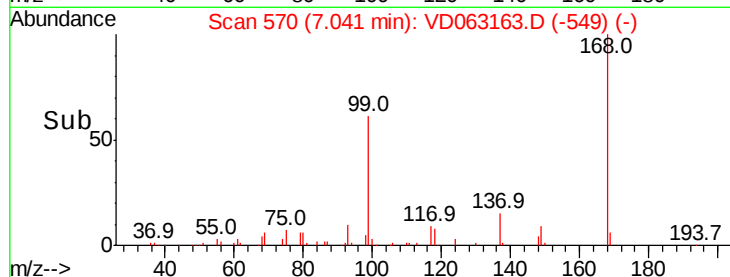
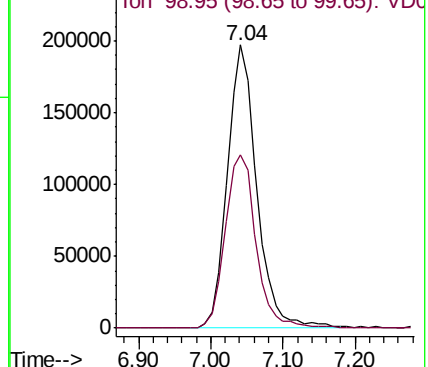
Ion Ratio Lower Upper

168 100

99 61.2 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V



#33

1,2-Dichloroethane-d4

Concen: 73.693 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063163.D

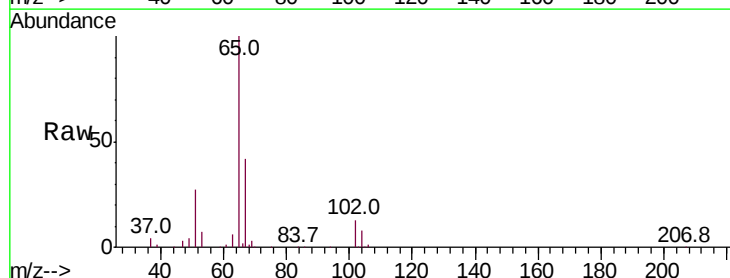
Acq: 19 Jul 2019 19:36

Tgt Ion: 65 Resp: 512104

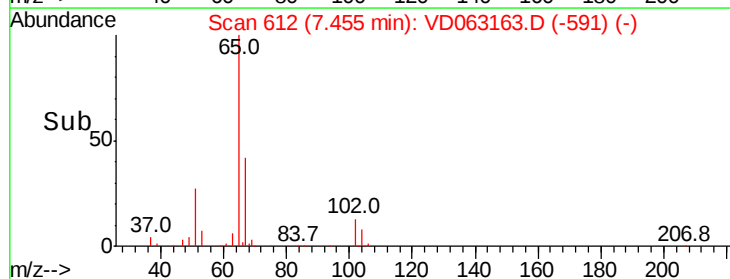
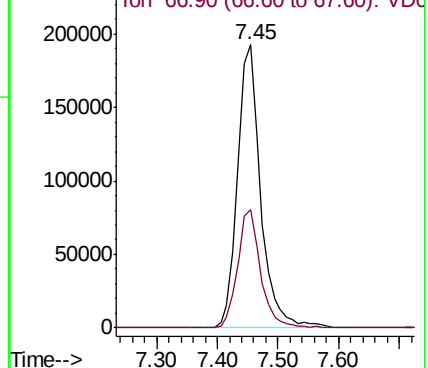
Ion Ratio Lower Upper

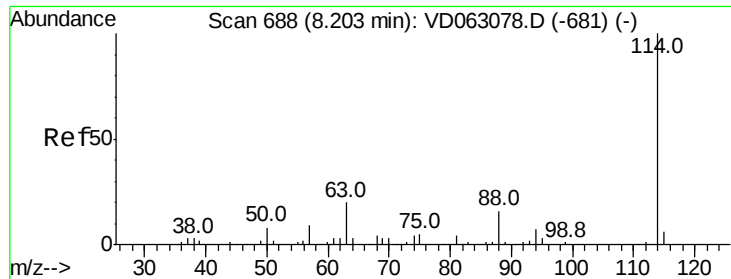
65 100

67 41.9 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

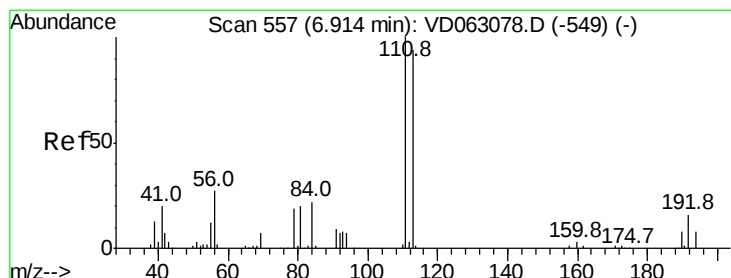
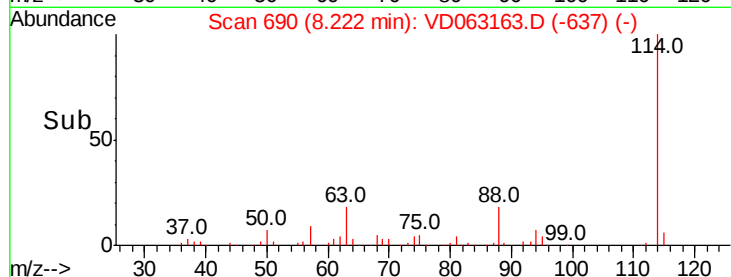
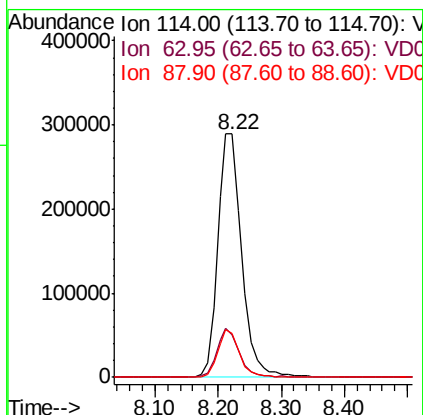
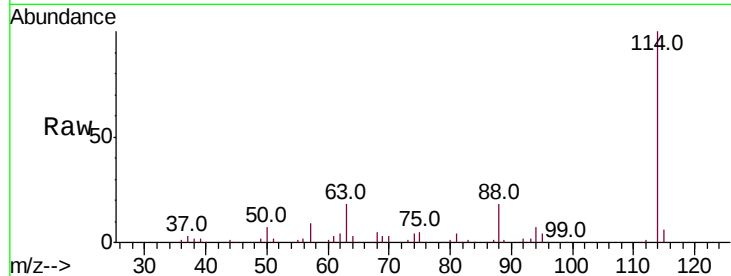




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.02 min
 Lab File: VD063163.D
 Acq: 19 Jul 2019 19:36

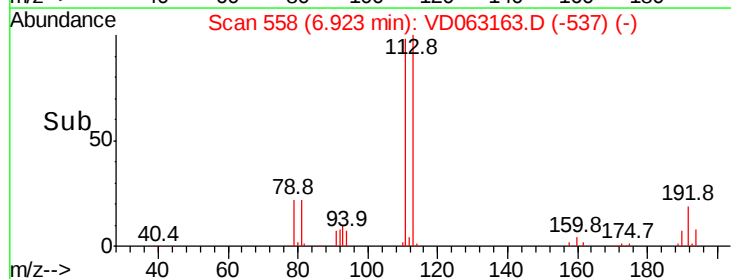
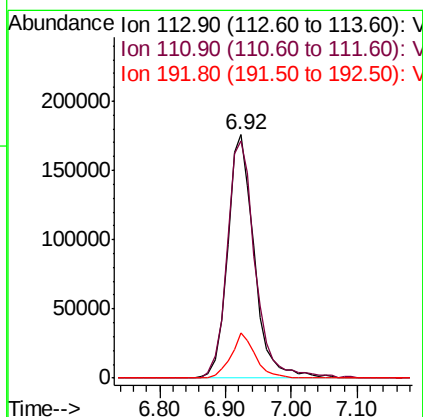
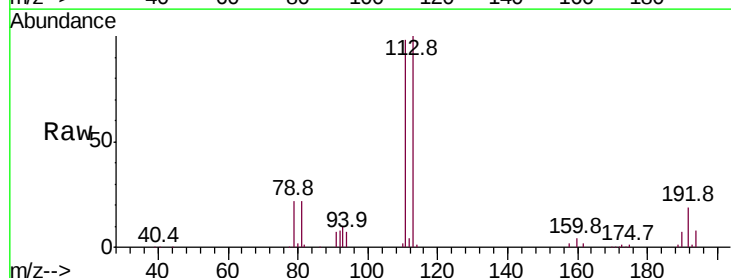
Instrument :
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 ClientSampleId :
 FK-PS-01-053RE

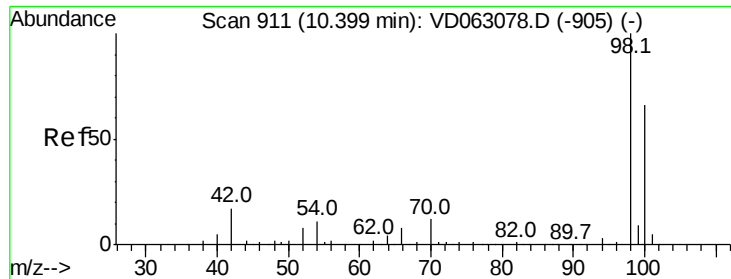
Tot Ion:114 Resp: 765952
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 40.6
 88 18.1 0.0 32.6



#35
 Dibromofluoromethane
 Concen: 65.080 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD063163.D
 Acq: 19 Jul 2019 19:36

Tgt Ion:113 Resp: 496496
 Ion Ratio Lower Upper
 113 100
 111 97.6 84.8 127.2
 192 18.6 13.4 20.0





#50

Toluene-d8

Concen: 57.188 ug/l

RT: 10.41 min Scan# 912

Delta R.T. 0.01 min

Lab File: VD063163.D

Acq: 19 Jul 2019 19:36

Instrument :

MSVOA_D

ClientSampleId :

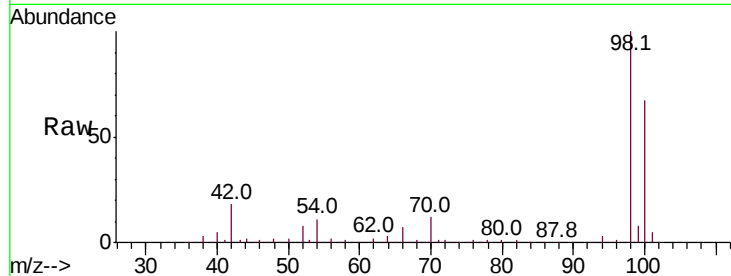
FK-PS-01-053RE

Tot Ion: 98 Resp: 937162

Ion Ratio Lower Upper

98 100

100 66.6 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): VD063078.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD063078.D (-905) (-)

10.41

400000

300000

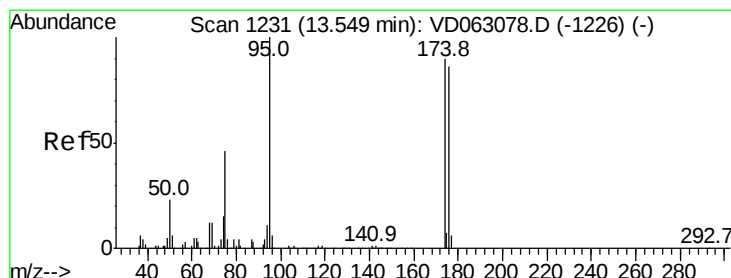
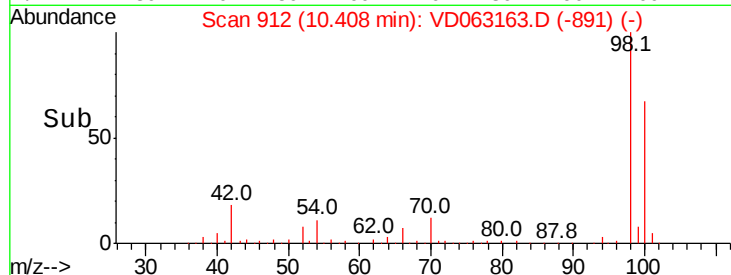
200000

100000

0

10.40 10.60

Time-->



#62

4-Bromofluorobenzene

Concen: 35.342 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD063163.D

Acq: 19 Jul 2019 19:36

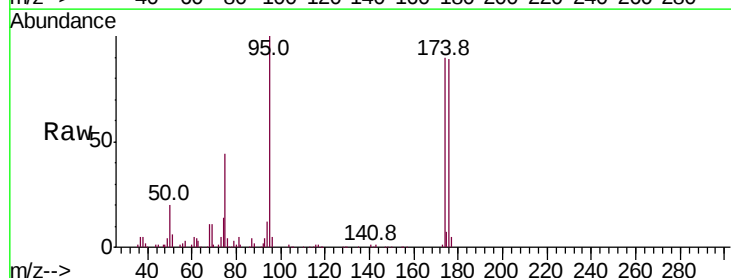
Tgt Ion: 95 Resp: 267939

Ion Ratio Lower Upper

95 100

174 89.8 0.0 180.6

176 88.6 0.0 172.2



Abundance Ion 95.00 (94.70 to 95.70): VD063078.D (-1226) (-)

Ion 173.90 (173.60 to 174.60): VD063078.D (-1226) (-)

Ion 175.90 (175.60 to 176.60): VD063078.D (-1226) (-)

250000

200000

150000

100000

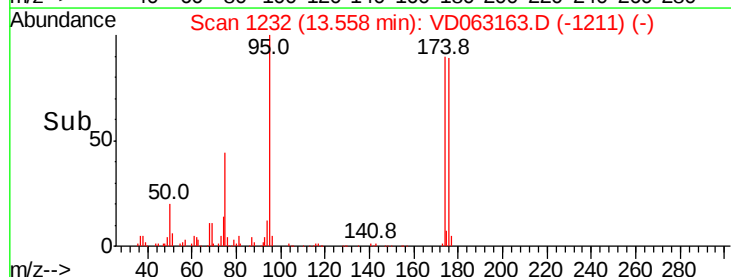
50000

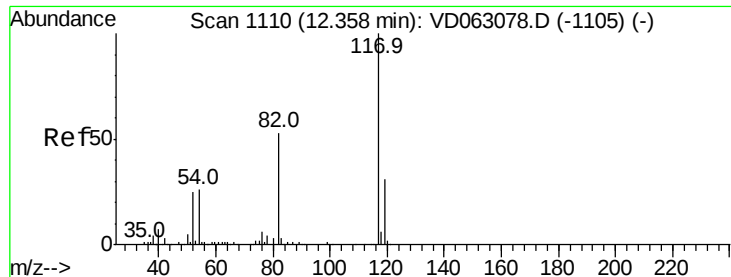
0

13.56

13.50 13.60 13.70

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VD063163.D

Acq: 19 Jul 2019 19:36

Instrument :

MSVOA_D

ClientSampleId :

FK-PS-01-053RE

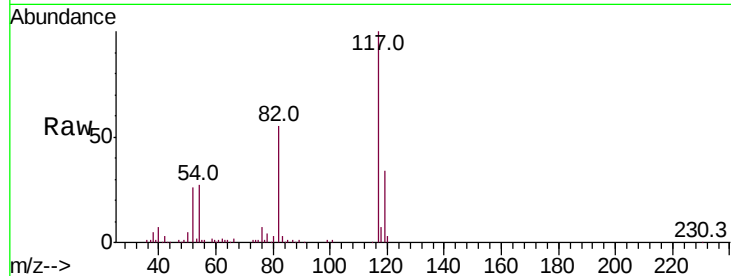
Tot Ion:117 Resp: 453828

Ion Ratio Lower Upper

117 100

82 55.0 42.3 63.5

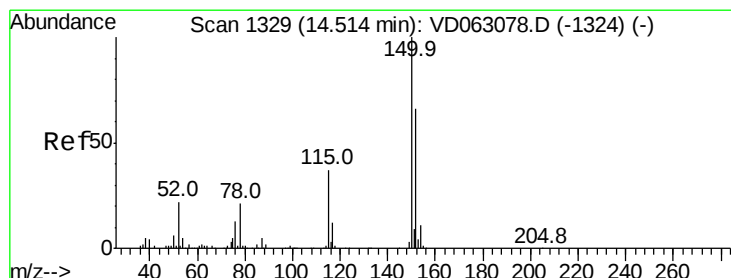
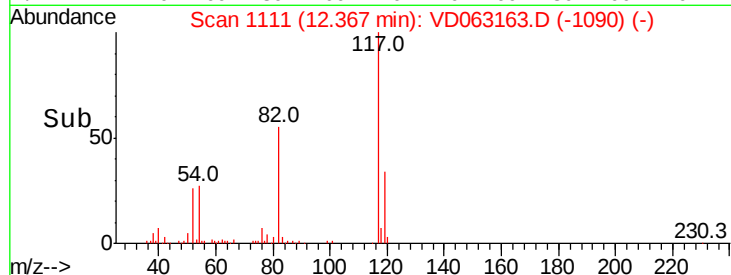
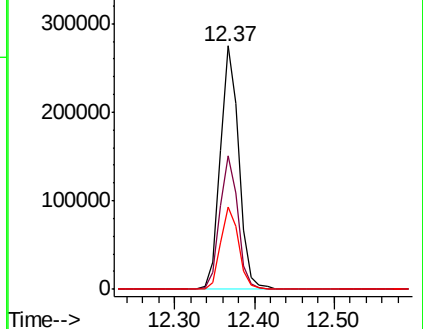
119 33.7 25.2 37.8



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. 0.01 min

Lab File: VD063163.D

Acq: 19 Jul 2019 19:36

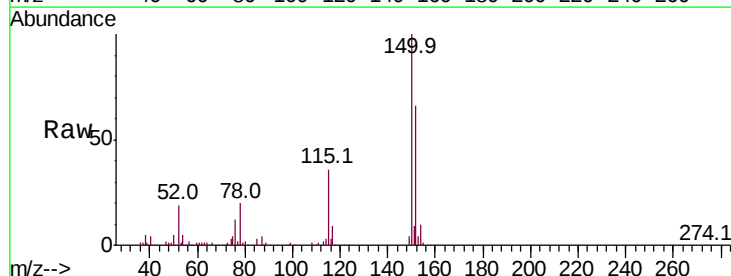
Tgt Ion:152 Resp: 136903

Ion Ratio Lower Upper

152 100

115 54.0 28.9 86.8

150 151.8 0.0 313.8



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

