

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071619\
 Data File : VD063114.D
 Acq On : 16 Jul 2019 18:45
 Operator : VA/AP
 Sample : K3622-07
 Misc : 6.75g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-071519-B

Quant Time: Jul 17 08:28:01 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

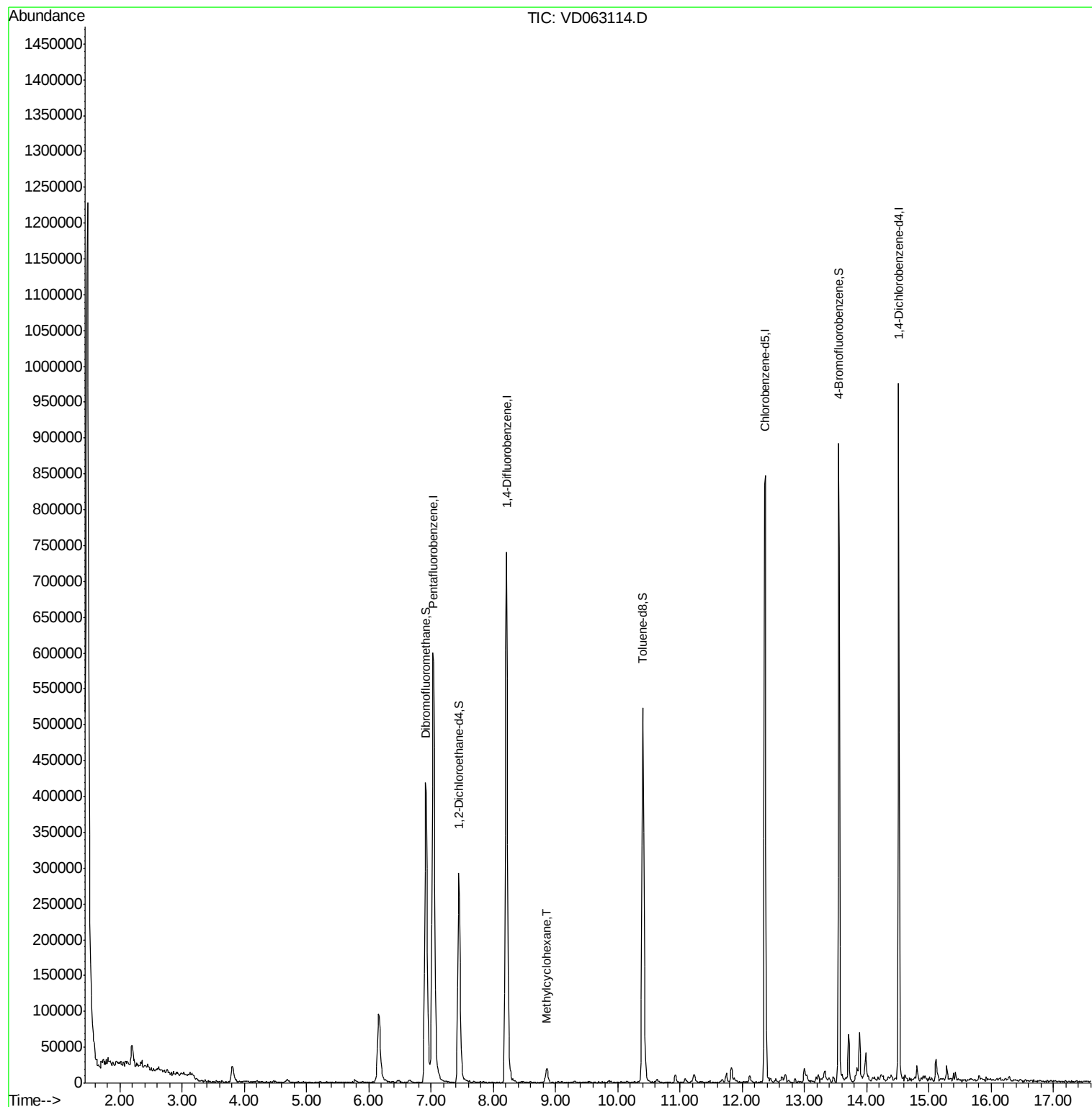
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	598652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	783204	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	491220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	189234	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	333913	44.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.56%	
35) Dibromofluoromethane	6.91	113	365731	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
50) Toluene-d8	10.41	98	436843	26.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	52.14%	
62) 4-Bromofluorobenzene	13.55	95	254139	32.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.56%	
Target Compounds						
39) Methylcyclohexane	8.86	83	10056	1.320	ug/l #	Qvalue 93

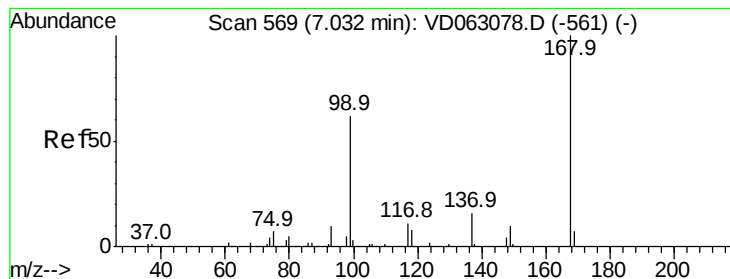
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071619\
Data File : VD063114.D
Acq On : 16 Jul 2019 18:45
Operator : VA/AP
Sample : K3622-07
Misc : 6.75g/5ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-03-071519-B

Quant Time: Jul 17 08:28:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 08:11:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD063114.D

Acq: 16 Jul 2019 18:45

Instrument :

MSVOA_D

ClientSampleId :

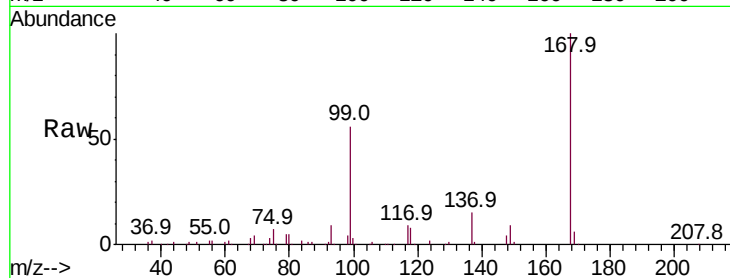
OR-03-071519-B

Tot Ion:168 Resp: 598652

Ion Ratio Lower Upper

168 100

99 55.6 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

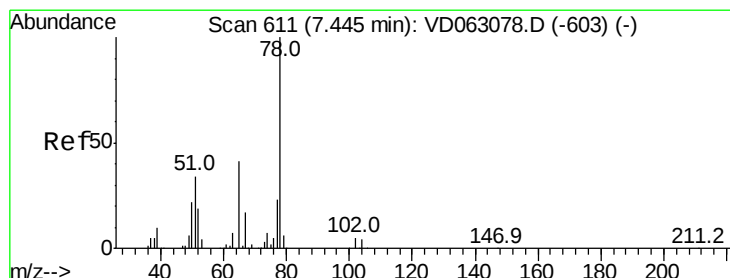
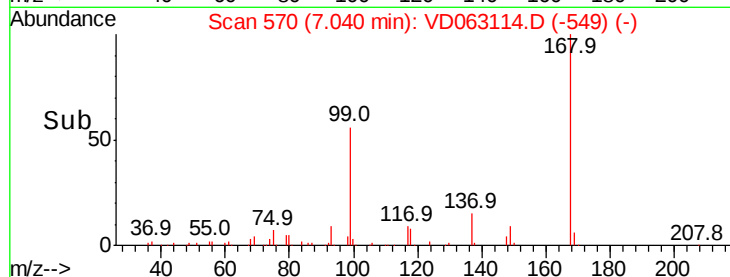
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.776 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.00 min

Lab File: VD063114.D

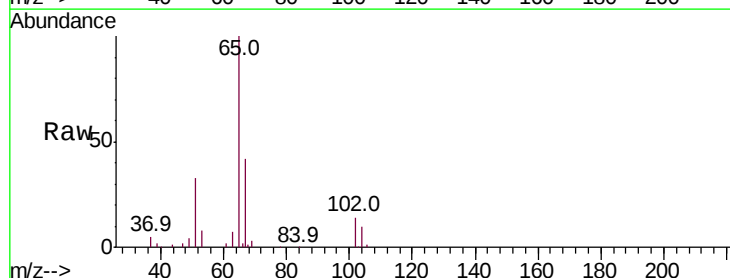
Acq: 16 Jul 2019 18:45

Tgt Ion: 65 Resp: 333913

Ion Ratio Lower Upper

65 100

67 42.4 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

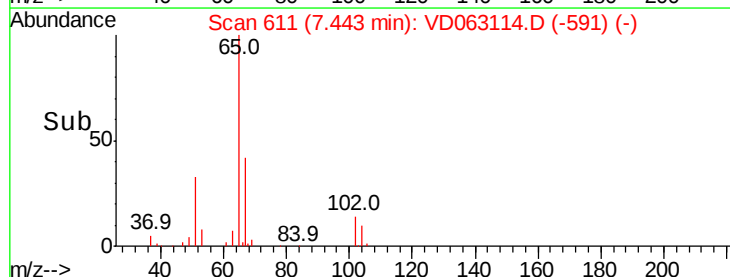
7.44

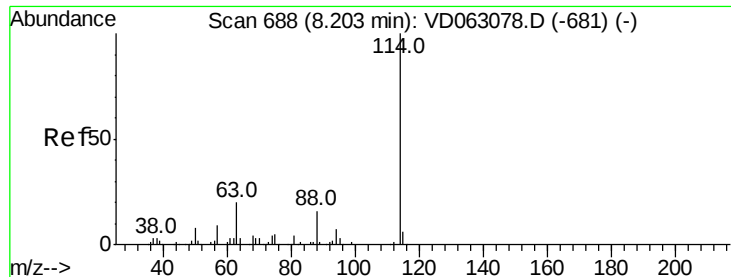
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. 0.01 min

Lab File: VD063114.D

Acq: 16 Jul 2019 18:45

Instrument :

MSVOA_D

ClientSampleId :

OR-03-071519-B

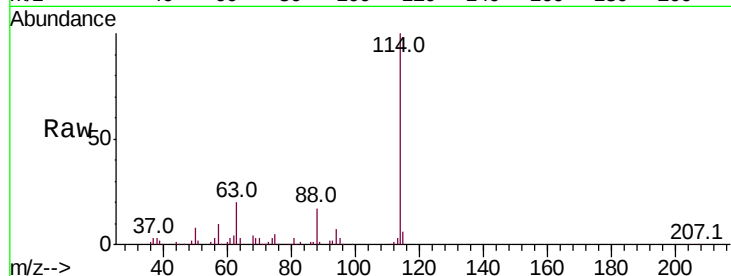
Tot Ion:114 Resp: 783204

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.6

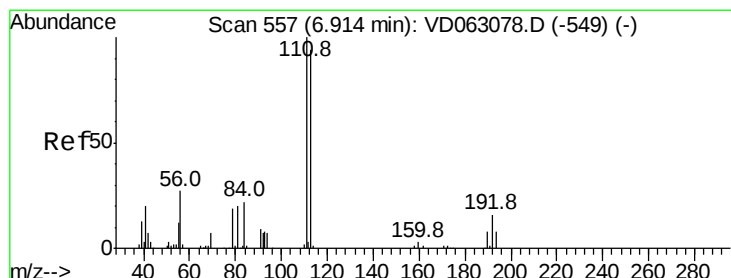
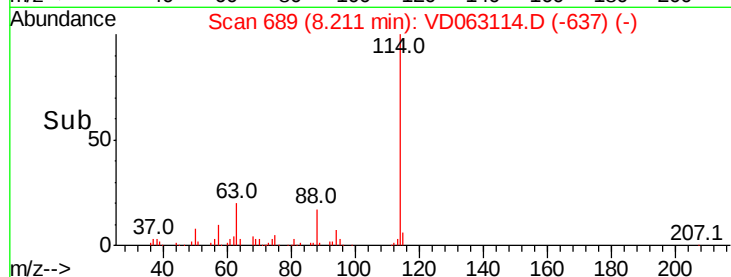
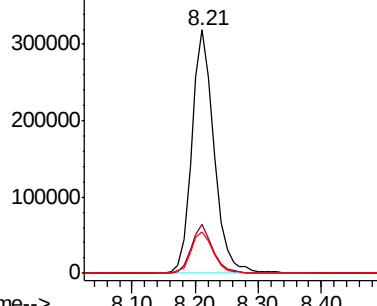
88 17.1 0.0 32.6



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: 46.883 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.00 min

Lab File: VD063114.D

Acq: 16 Jul 2019 18:45

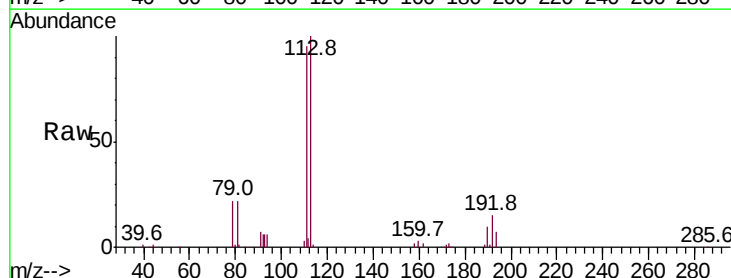
Tgt Ion:113 Resp: 365731

Ion Ratio Lower Upper

113 100

111 94.8 84.8 127.2

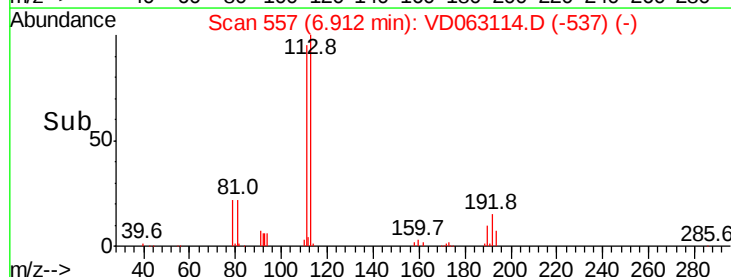
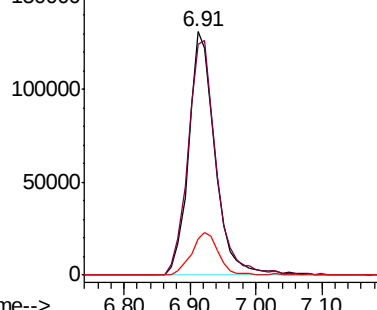
192 14.9 13.4 20.0

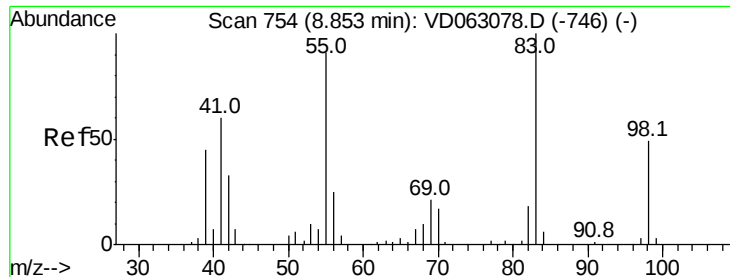


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#39

Methylcyclohexane

Concen: 1.320 ug/l

RT: 8.86 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD063114.D

Acq: 16 Jul 2019 18:45

Instrument :

MSVOA_D

ClientSampleId :

OR-03-071519-B

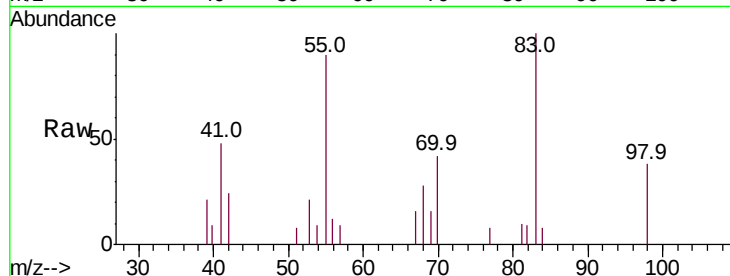
Tot Ion: 83 Resp: 10056

Ion Ratio Lower Upper

83 100

55 89.8 73.0 109.4

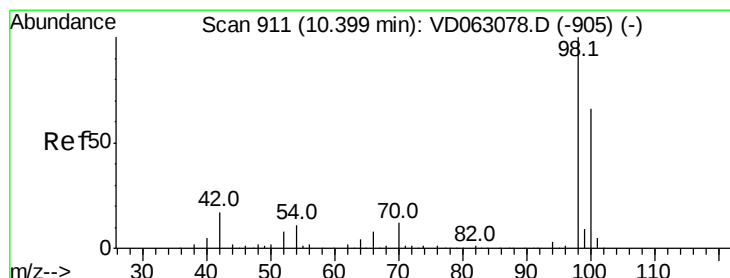
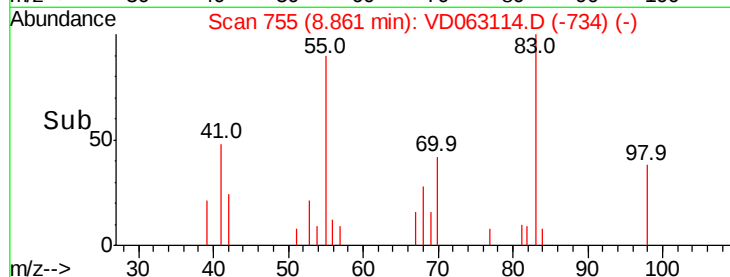
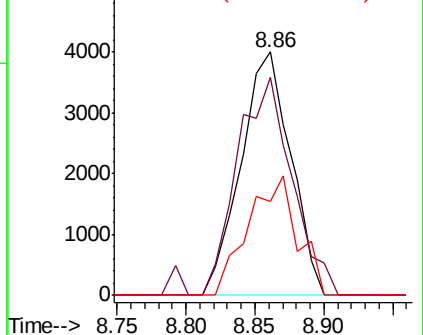
98 38.4 39.4 59.0#



Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC



#50

Toluene-d8

Concen: 26.070 ug/l

RT: 10.41 min Scan# 912

Delta R.T. 0.01 min

Lab File: VD063114.D

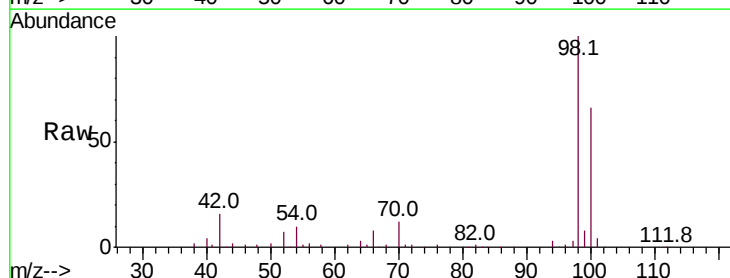
Acq: 16 Jul 2019 18:45

Tgt Ion: 98 Resp: 436843

Ion Ratio Lower Upper

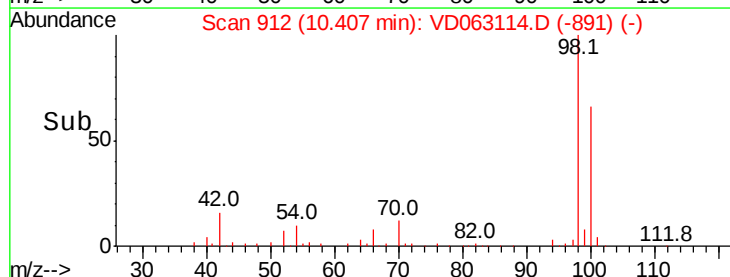
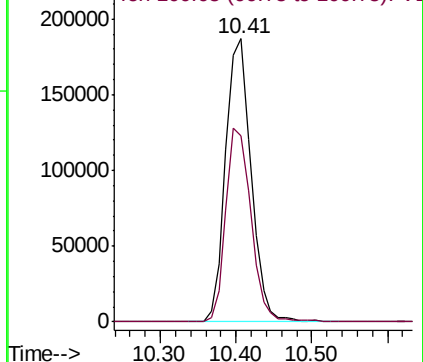
98 100

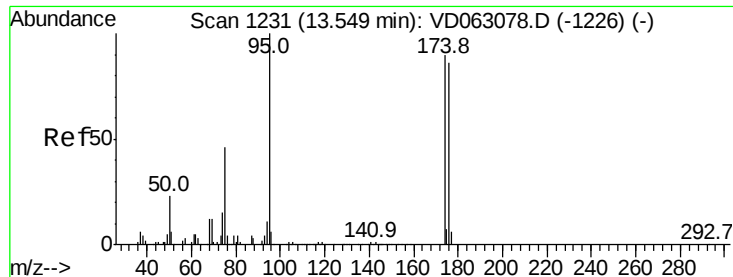
100 65.6 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#62

4-Bromofluorobenzene

Concen: 32.783 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VD063114.D

Acq: 16 Jul 2019 18:45

Instrument :

MSVOA_D

ClientSampleId :

OR-03-071519-B

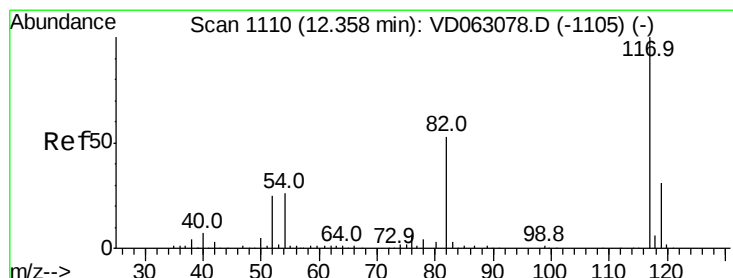
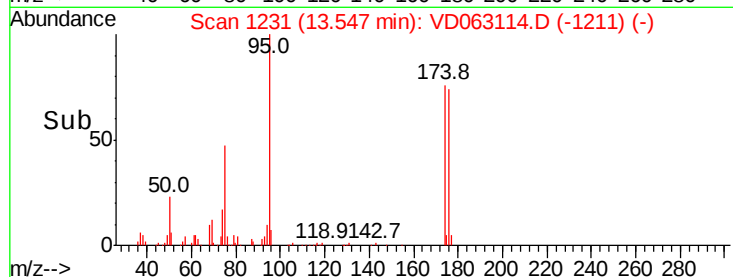
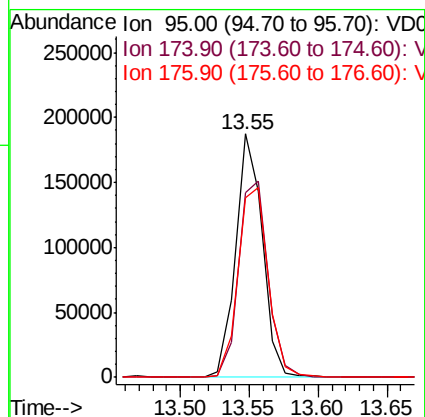
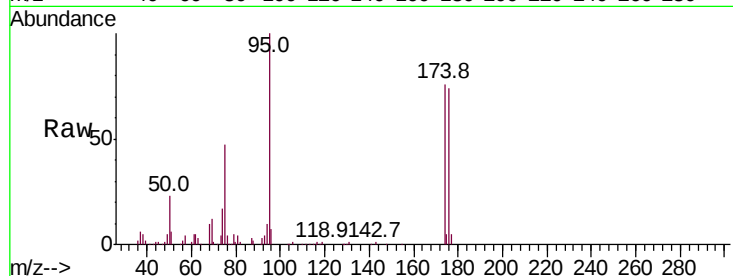
Tot Ion: 95 Resp: 254139

Ion Ratio Lower Upper

95 100

174 75.7 0.0 180.6

176 74.0 0.0 172.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VD063114.D

Acq: 16 Jul 2019 18:45

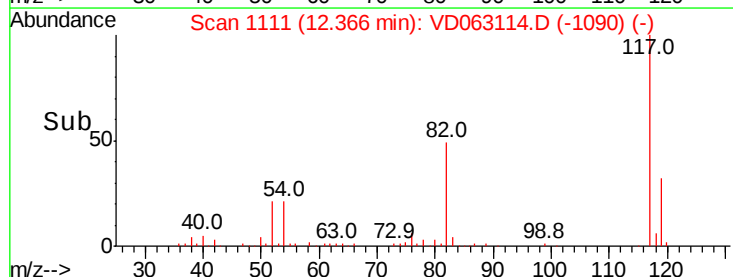
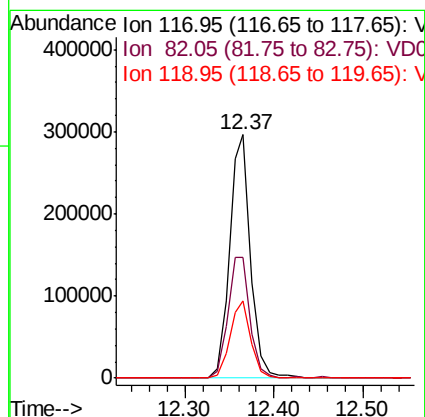
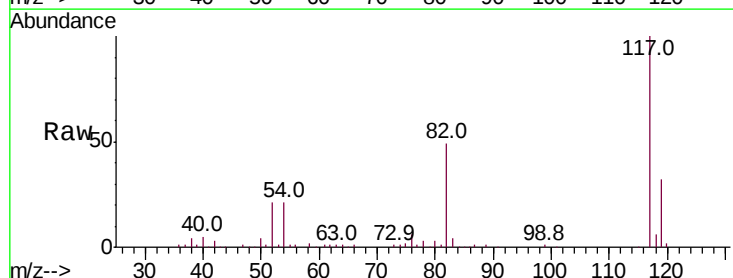
Tgt Ion: 117 Resp: 491220

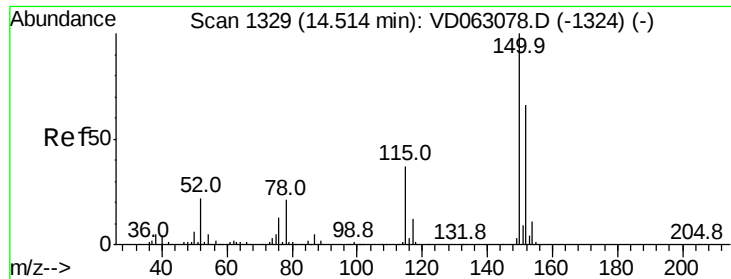
Ion Ratio Lower Upper

117 100

82 49.4 42.3 63.5

119 31.6 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1329

Delta R.T. -0.00 min

Lab File: VD063114.D

Acq: 16 Jul 2019 18:45

Instrument :

MSVOA_D

ClientSampleId :

OR-03-071519-B

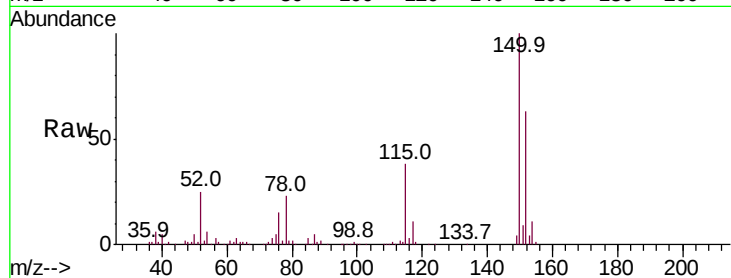
Tot Ion:152 Resp: 189234

Ion Ratio Lower Upper

152 100

115 59.9 28.9 86.8

150 158.1 0.0 313.8



Abundance Ion 151.90 (151.60 to 152.60): V

300000

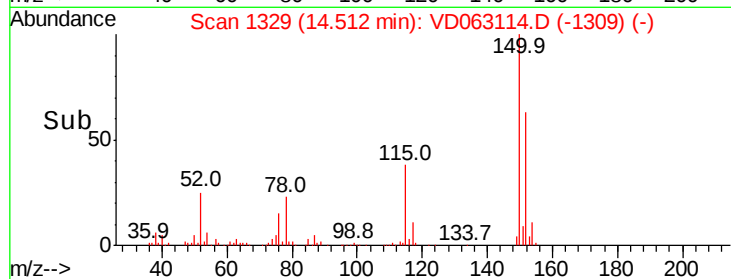
Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

200000

100000

0



Time-->

14.51

14.50

14.60