

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063479.D
 Acq On : 12 Aug 2019 11:19
 Operator : JC/SY
 Sample : VD0812SBL01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0812SBL01

Quant Time: Aug 12 12:16:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1211543	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	1736467	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	1456539	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	727289	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	723727	55.88	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	111.76%	
35) Dibromofluoromethane	6.91	113	759916	51.96	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	103.92%	
50) Toluene-d8	10.41	98	1811101	56.33	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	112.66%	
62) 4-Bromofluorobenzene	13.55	95	679714	46.64	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	93.28%	

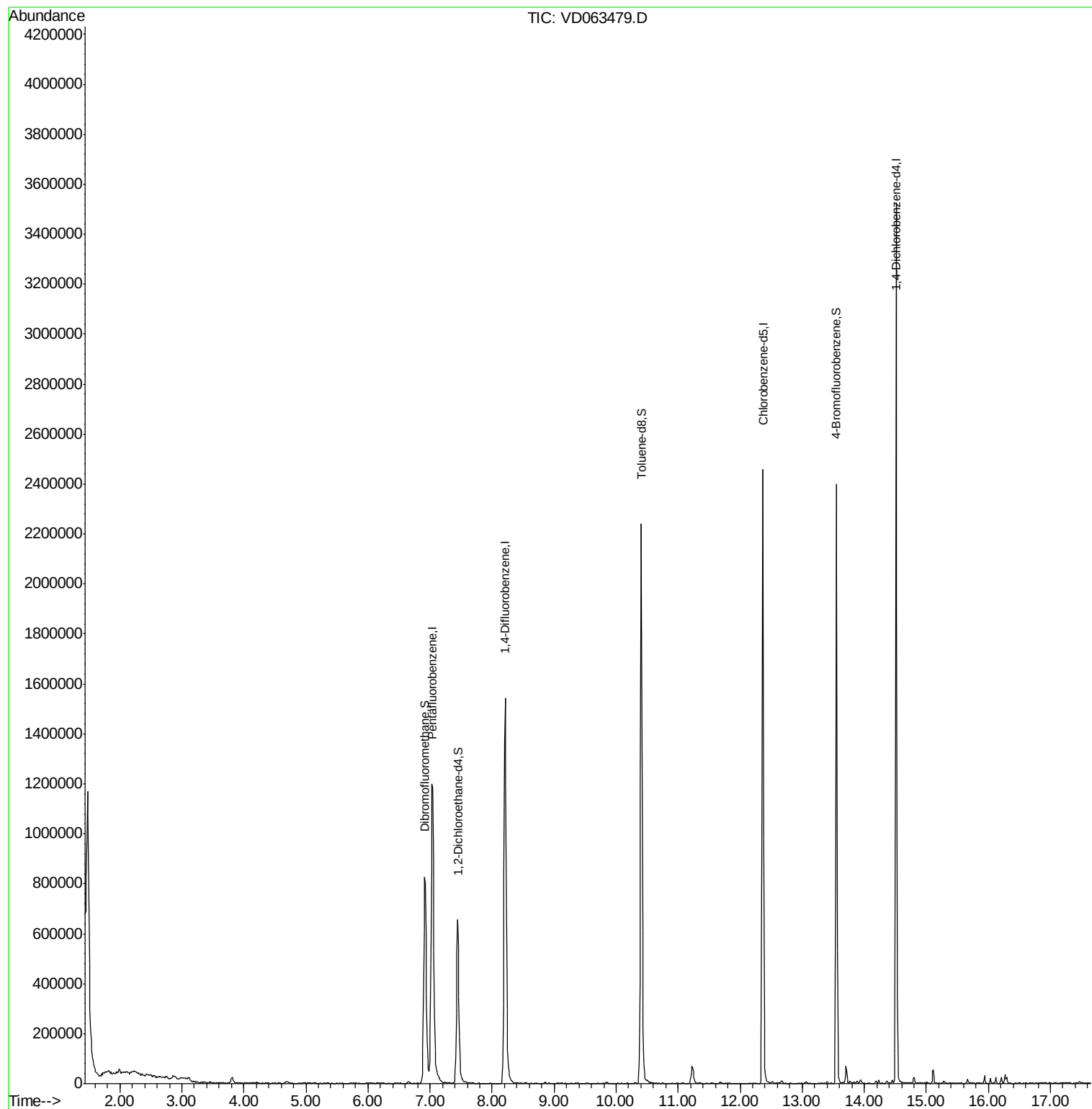
Target Compounds	Qvalue
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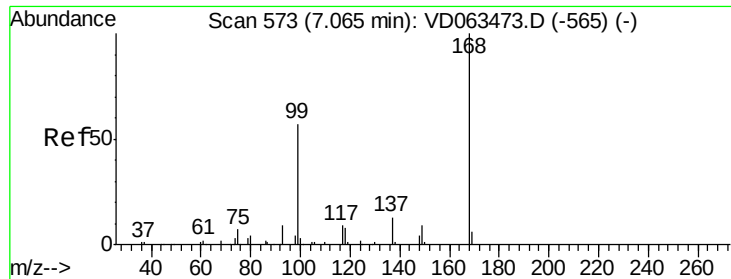
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081219\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.02 min

Lab File: VD063479.D

Acq: 12 Aug 2019 11:19

Instrument :

MSVOA_D

ClientSampleId :

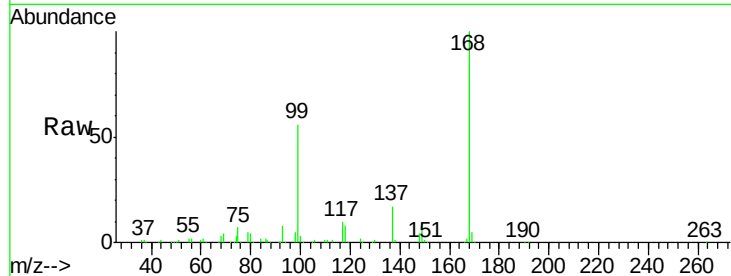
VD0812SBL01

Tot Ion:168 Resp: 1211543

Ion Ratio Lower Upper

168 100

99 56.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

400000

300000

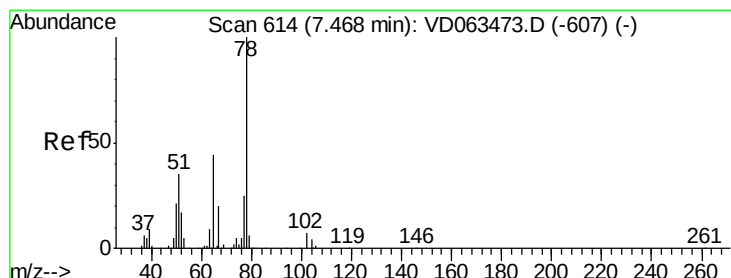
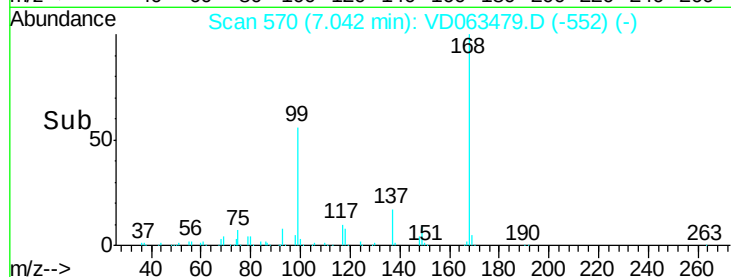
200000

100000

0

Time-->

6.90 7.00 7.10 7.20 7.30



#33

1,2-Dichloroethane-d4

Concen: 55.884 ug/l

RT: 7.45 min Scan# 611

Delta R.T. -0.02 min

Lab File: VD063479.D

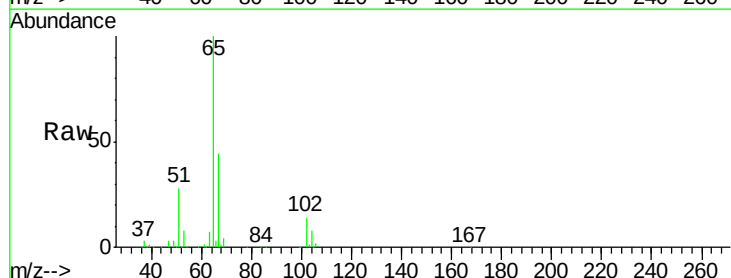
Acq: 12 Aug 2019 11:19

Tgt Ion: 65 Resp: 723727

Ion Ratio Lower Upper

65 100

67 44.0 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

300000

250000

200000

150000

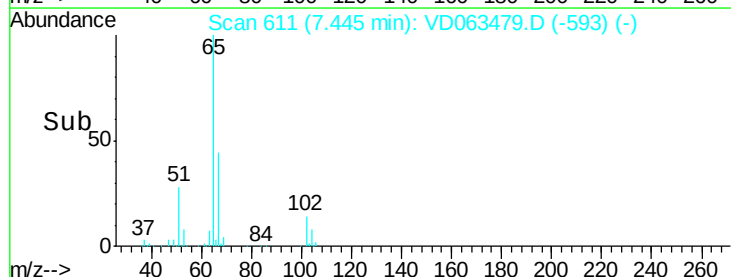
100000

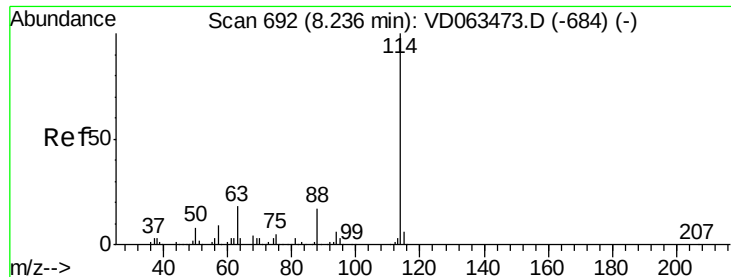
50000

0

Time-->

7.30 7.40 7.50 7.60





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.02 min

Lab File: VD063479.D

Acq: 12 Aug 2019 11:19

Instrument :

MSVOA_D

ClientSampleId :

VD0812SBL01

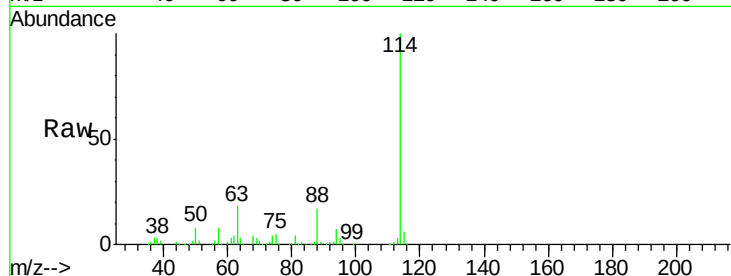
Tot Ion:114 Resp: 1736467

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.2

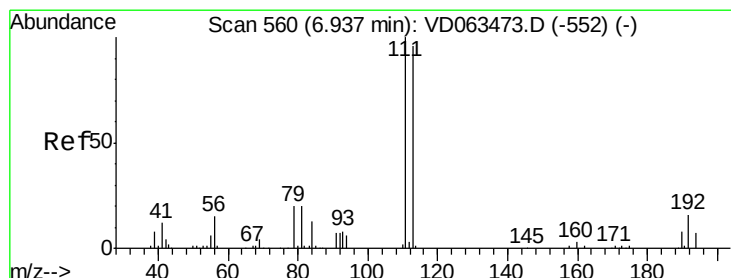
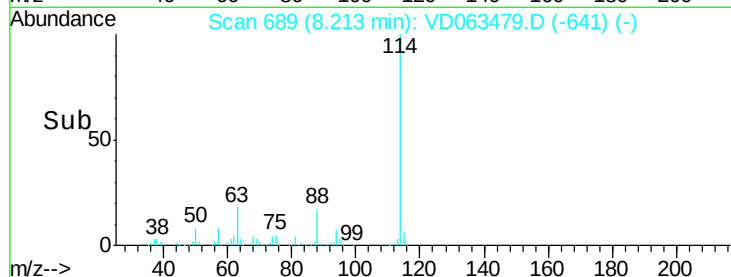
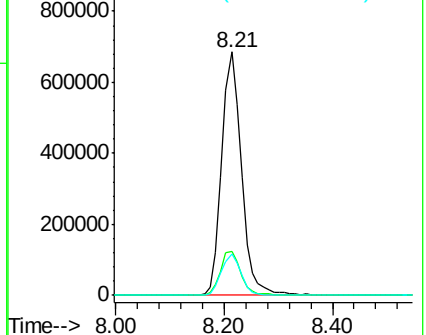
88 16.9 0.0 35.0



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: 51.961 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.02 min

Lab File: VD063479.D

Acq: 12 Aug 2019 11:19

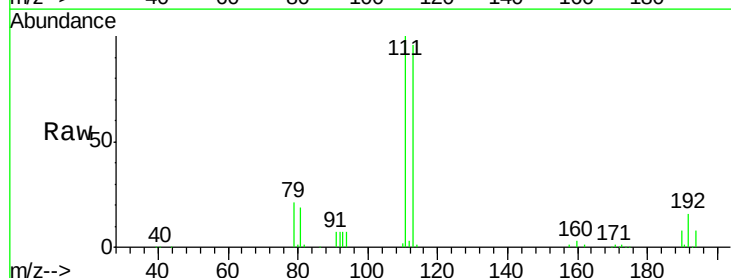
Tgt Ion:113 Resp: 759916

Ion Ratio Lower Upper

113 100

111 104.2 83.1 124.7

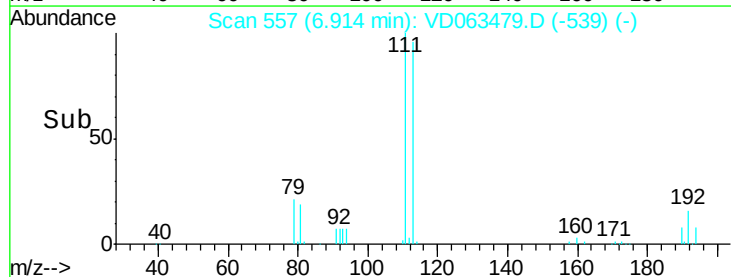
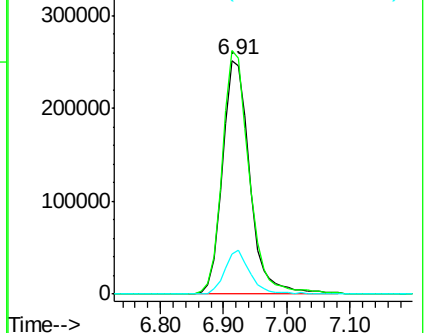
192 17.1 13.1 19.7

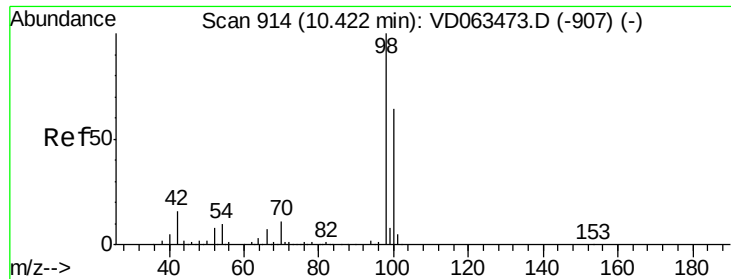


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 56.328 ug/l

RT: 10.41 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD063479.D

Acq: 12 Aug 2019 11:19

Instrument :

MSVOA_D

ClientSampleId :

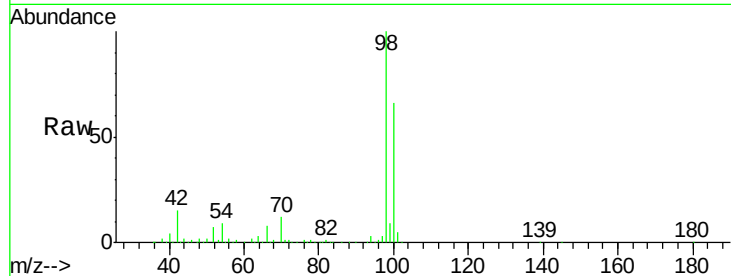
VD0812SBL01

Tot Ion: 98 Resp: 1811101

Ion Ratio Lower Upper

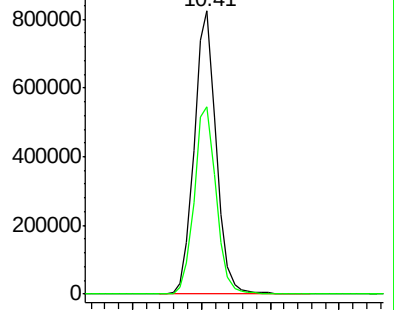
98 100

100 66.0 51.7 77.5

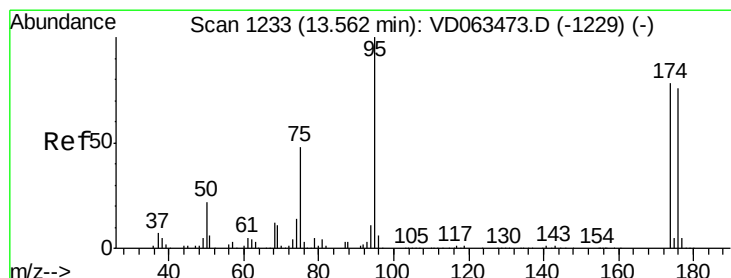
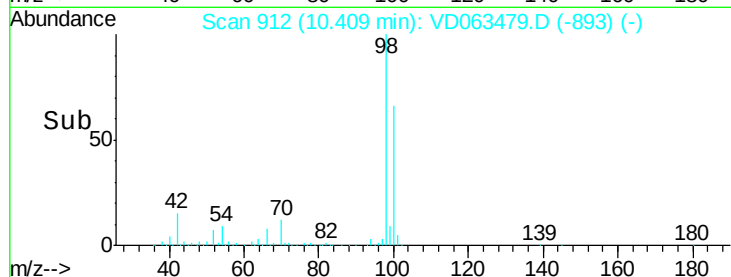


Abundance Ion 98.05 (97.75 to 98.75): VD063473.D (-907) (-)

Ion 100.05 (99.75 to 100.75): VD063473.D (-907) (-)



Time-->



#62

4-Bromofluorobenzene

Concen: 46.642 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD063479.D

Acq: 12 Aug 2019 11:19

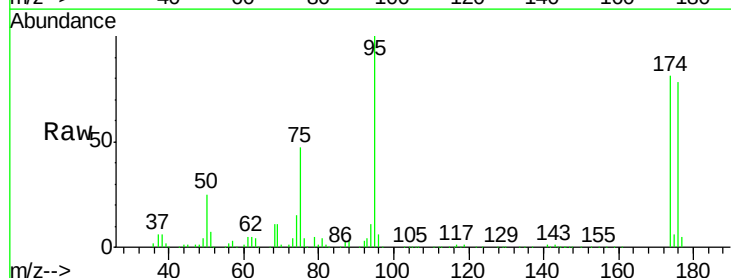
Tgt Ion: 95 Resp: 679714

Ion Ratio Lower Upper

95 100

174 80.8 0.0 155.4

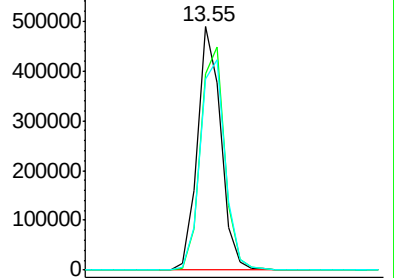
176 78.5 0.0 152.4



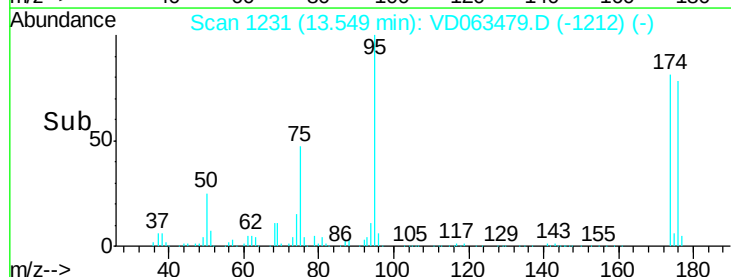
Abundance Ion 95.00 (94.70 to 95.70): VD063473.D (-1229) (-)

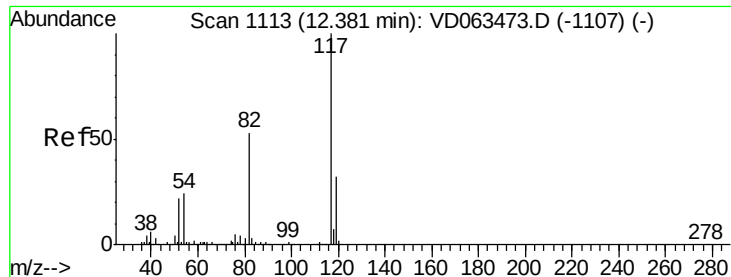
Ion 173.90 (173.60 to 174.60): VD063473.D (-1229) (-)

Ion 175.90 (175.60 to 176.60): VD063473.D (-1229) (-)



Time-->

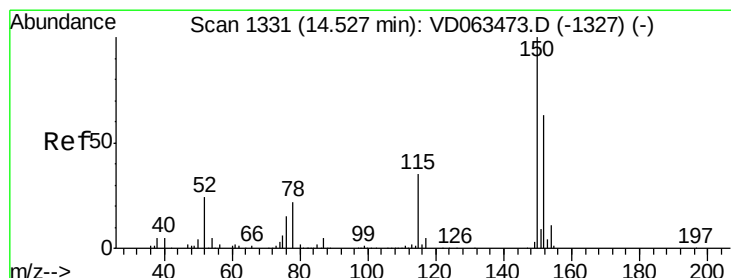
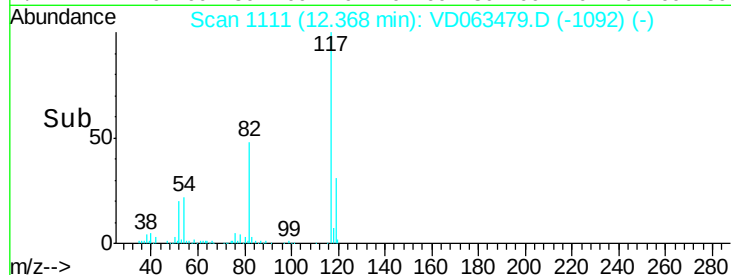
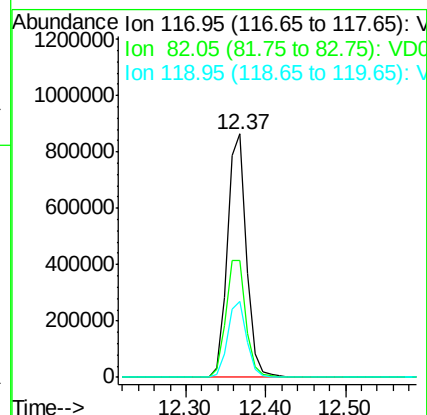
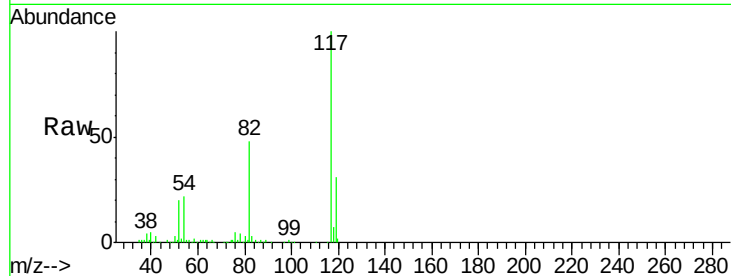




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063479.D
Acq: 12 Aug 2019 11:19

Instrument :
MSVOA_D
ClientSampleId :
VD0812SBL01

Tot Ion:117 Resp: 1456539
Ion Ratio Lower Upper
117 100
82 48.0 42.0 63.0
119 30.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063479.D
Acq: 12 Aug 2019 11:19

Tgt Ion:152 Resp: 727289
Ion Ratio Lower Upper
152 100
115 62.0 30.9 92.7
150 157.2 0.0 318.6

