

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071619\
 Data File : VD063096.D
 Acq On : 16 Jul 2019 10:27
 Operator : VA/AP
 Sample : VD0716SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0716SBL01

Quant Time: Jul 16 11:54:31 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	7.02	168	735507	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.20	114	997824	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	813941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	433123	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	435263	47.51	ug/l	-0.01
Spiked Amount			Recovery	=	95.02%	
35) Dibromofluoromethane	6.90	113	462377	46.52	ug/l	-0.01
Spiked Amount			Recovery	=	93.04%	
50) Toluene-d8	10.40	98	937371	43.91	ug/l	0.00
Spiked Amount			Recovery	=	87.82%	
62) 4-Bromofluorobenzene	13.55	95	406381	41.15	ug/l	0.00
Spiked Amount			Recovery	=	82.30%	

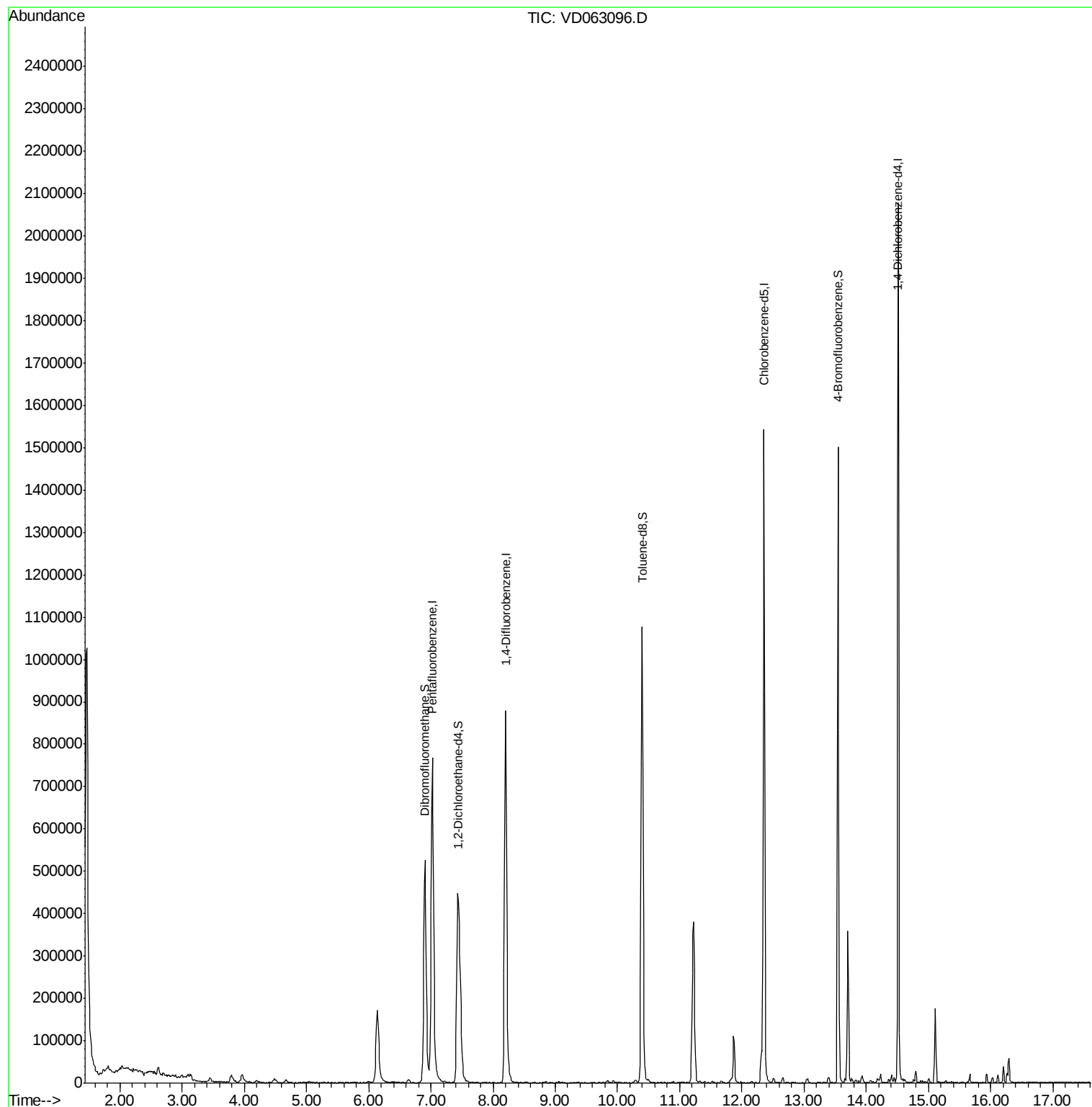
Target Compounds	Qvalue
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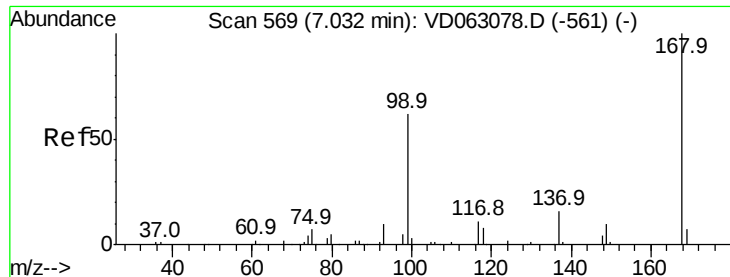
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071619\
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Quant Title : SW846 8260
QLast Update : Tue Jul 16 08:11:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.01 min

Lab File: VD063096.D

Acq: 16 Jul 2019 10:27

Instrument :

MSVOA_D

ClientSampleId :

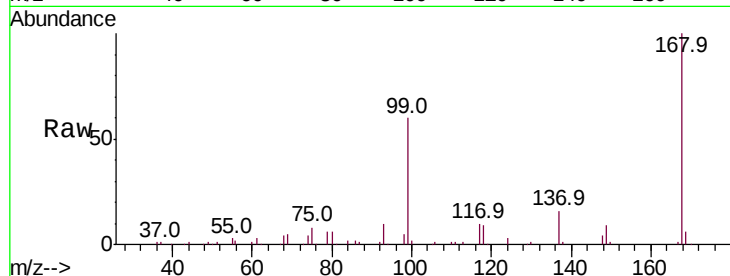
VD0716SBL01

Tot Ion:168 Resp: 735507

Ion Ratio Lower Upper

168 100

99 59.8 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

250000

200000

150000

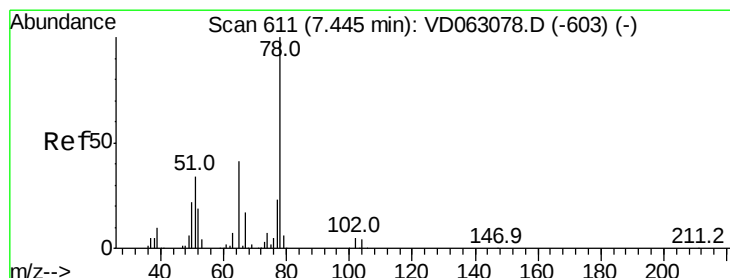
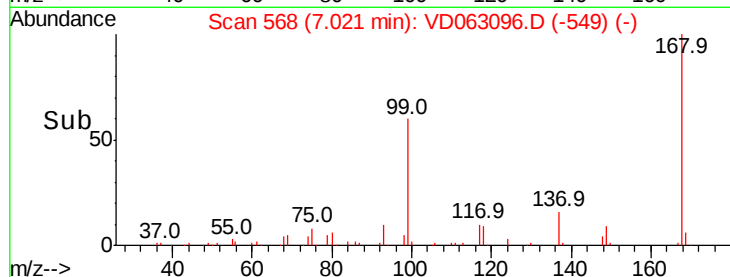
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.507 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.01 min

Lab File: VD063096.D

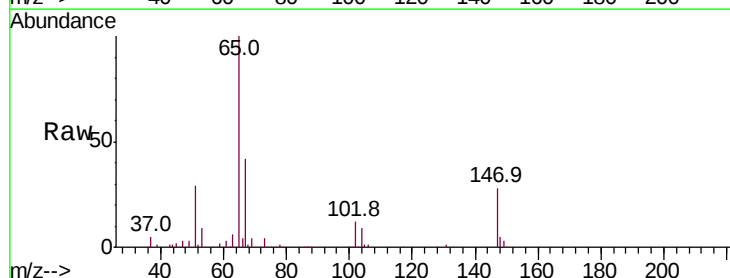
Acq: 16 Jul 2019 10:27

Tgt Ion: 65 Resp: 435263

Ion Ratio Lower Upper

65 100

67 42.3 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.43

150000

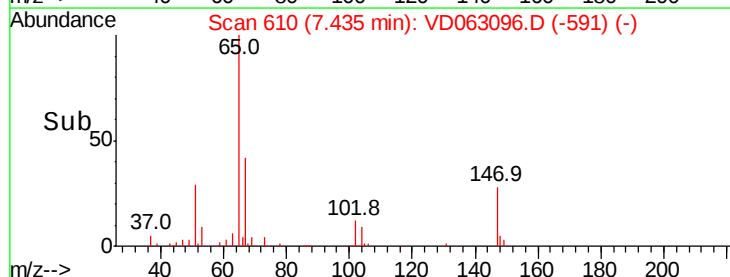
100000

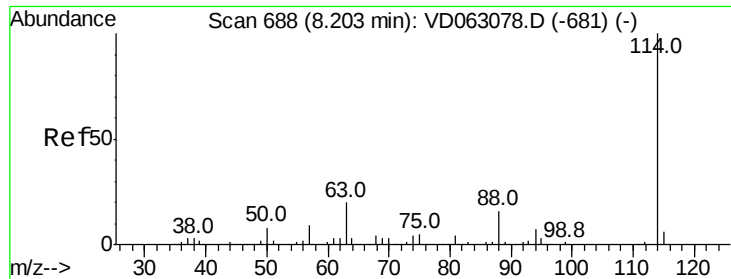
50000

0

7.30 7.40 7.50 7.60

Time-->

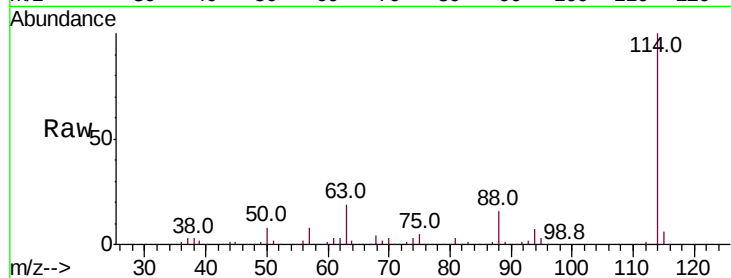




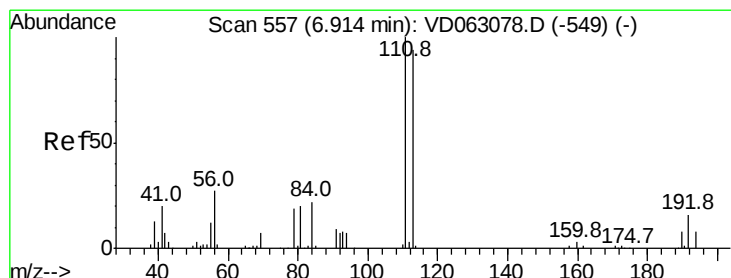
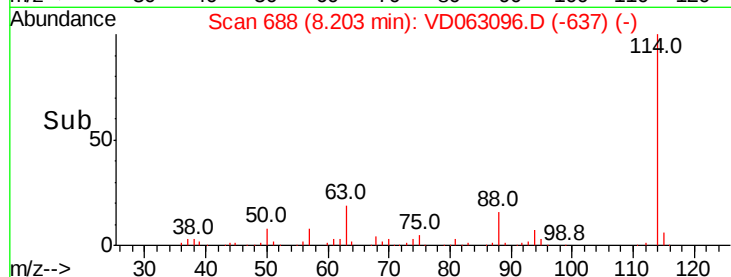
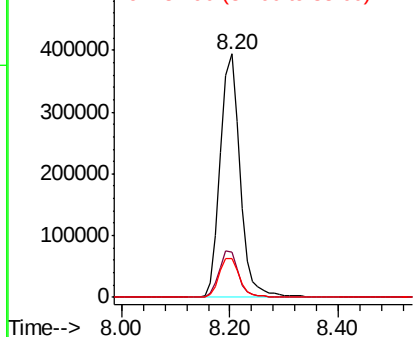
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: VD063096.D
 Acq: 16 Jul 2019 10:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0716SBL01

Tot Ion:114 Resp: 997824
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 40.6
 88 16.1 0.0 32.6

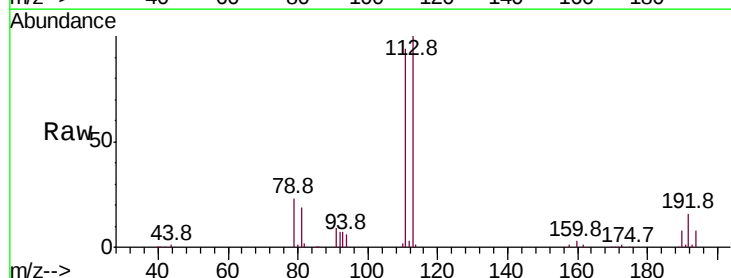


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

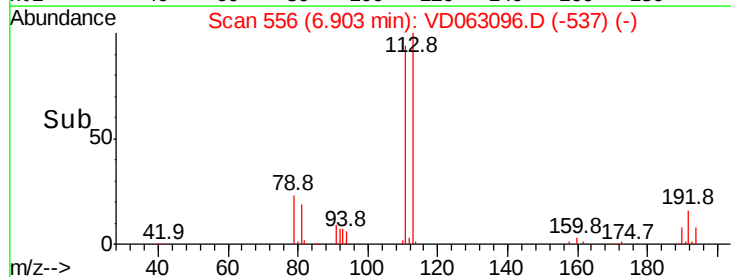
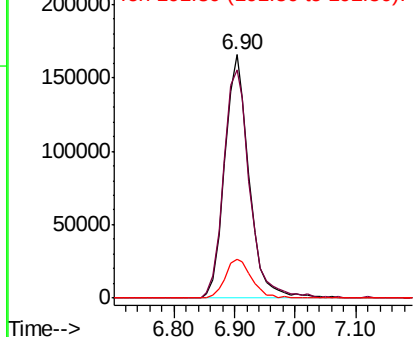


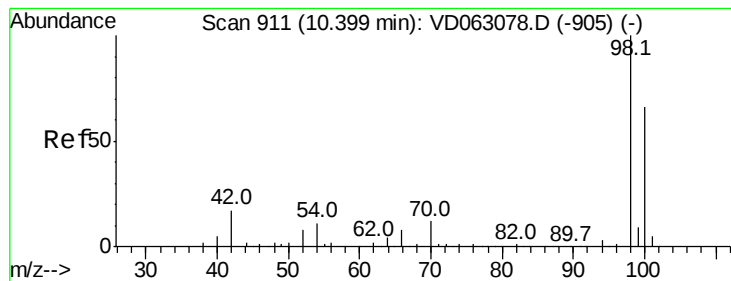
#35
 Dibromofluoromethane
 Concen: 46.524 ug/l
 RT: 6.90 min Scan# 556
 Delta R.T. -0.01 min
 Lab File: VD063096.D
 Acq: 16 Jul 2019 10:27

Tgt Ion:113 Resp: 462377
 Ion Ratio Lower Upper
 113 100
 111 93.5 84.8 127.2
 192 15.9 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





#50

Toluene-d8

Concen: 43.909 ug/l

RT: 10.40 min Scan# 911

Delta R.T. -0.00 min

Lab File: VD063096.D

Acq: 16 Jul 2019 10:27

Instrument :

MSVOA_D

ClientSampleId :

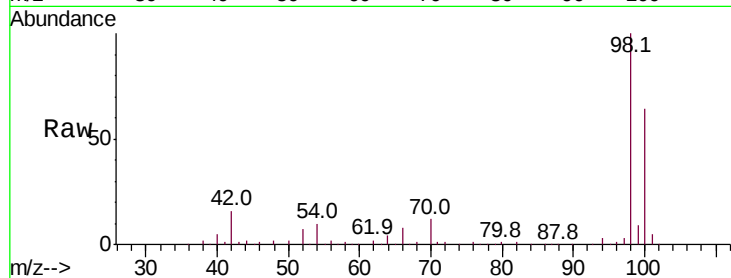
VD0716SBL01

Tot Ion: 98 Resp: 937371

Ion Ratio Lower Upper

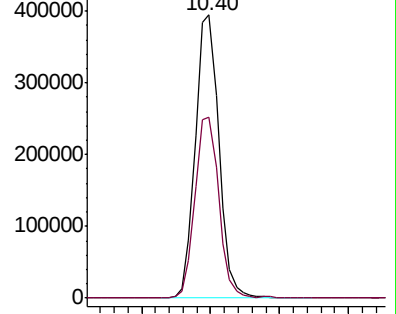
98 100

100 63.9 53.5 80.3

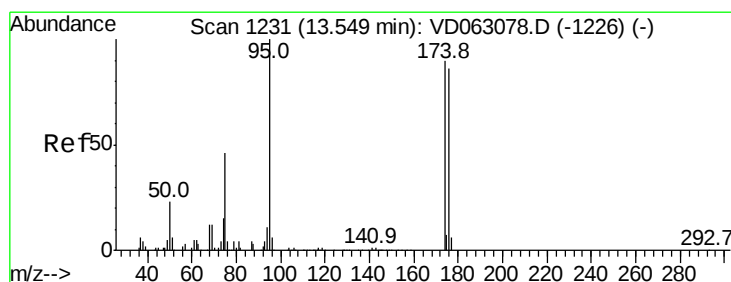
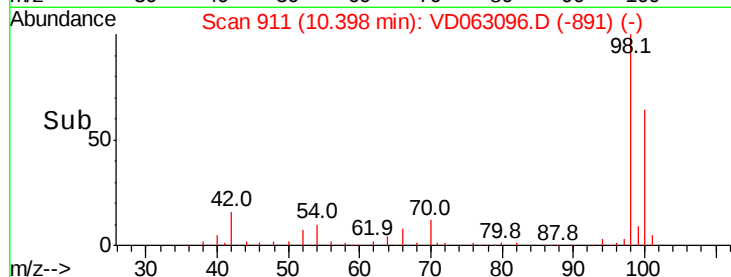


Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



Time-->



#62

4-Bromofluorobenzene

Concen: 41.147 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VD063096.D

Acq: 16 Jul 2019 10:27

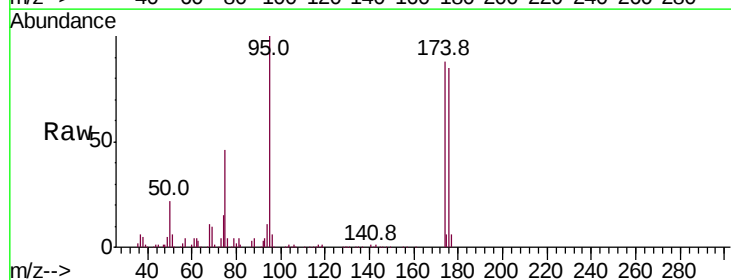
Tgt Ion: 95 Resp: 406381

Ion Ratio Lower Upper

95 100

174 88.1 0.0 180.6

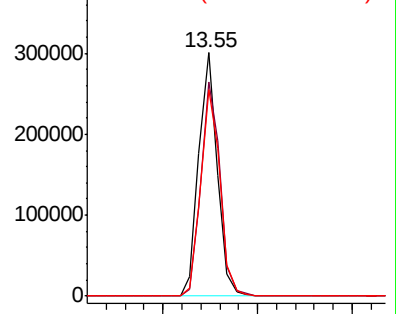
176 84.7 0.0 172.2



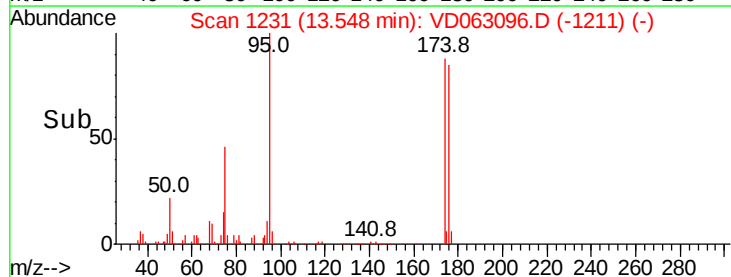
Abundance Ion 95.00 (94.70 to 95.70): VDC

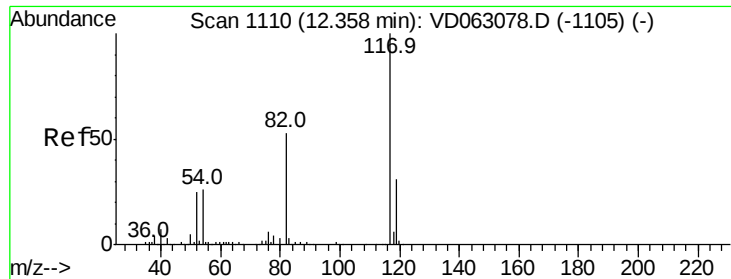
Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC



Time-->

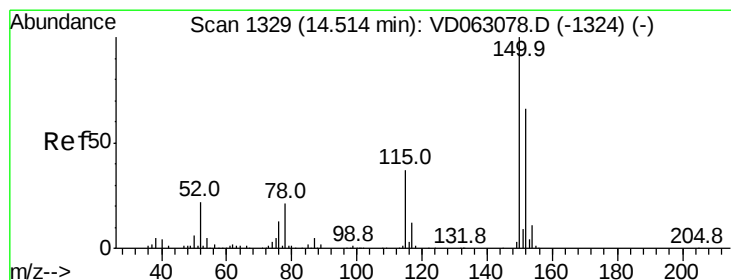
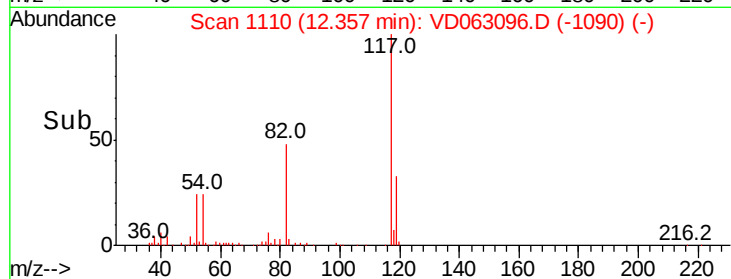
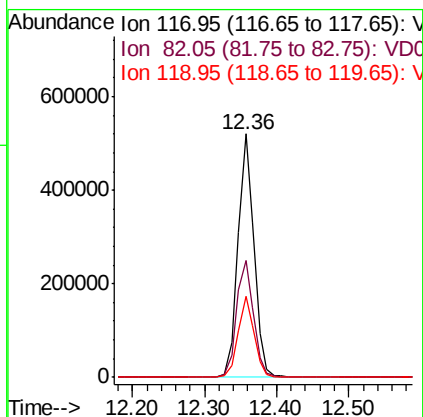
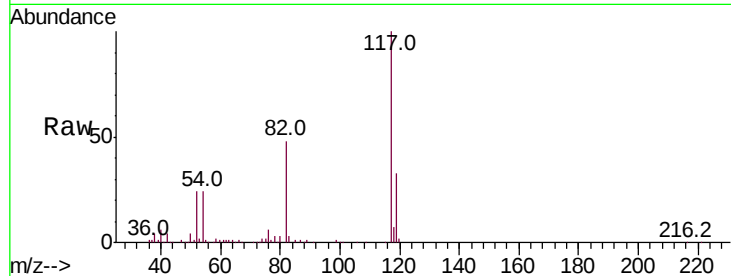




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD063096.D
Acq: 16 Jul 2019 10:27

Instrument :
MSVOA_D
ClientSampleId :
VD0716SBL01

Tot Ion:117 Resp: 813941
Ion Ratio Lower Upper
117 100
82 48.0 42.3 63.5
119 33.1 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: VD063096.D
Acq: 16 Jul 2019 10:27

Tgt Ion:152 Resp: 433123
Ion Ratio Lower Upper
152 100
115 56.2 28.9 86.8
150 151.7 0.0 313.8

