

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080719\
 Data File : VD063416.D
 Acq On : 7 Aug 2019 11:15
 Operator : JC/SY
 Sample : VD0807SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBL01

Quant Time: Aug 08 08:17:25 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	1012830	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1350392	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	1129800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	591558	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	598697	53.27	ug/l	0.02
Spiked Amount	50.000		Recovery	=	106.54%	
35) Dibromofluoromethane	6.93	113	673579	58.42	ug/l	0.02
Spiked Amount	50.000		Recovery	=	116.84%	
50) Toluene-d8	10.42	98	1433994	55.57	ug/l	0.02
Spiked Amount	50.000		Recovery	=	111.14%	
62) 4-Bromofluorobenzene	13.56	95	662430	56.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.68%	

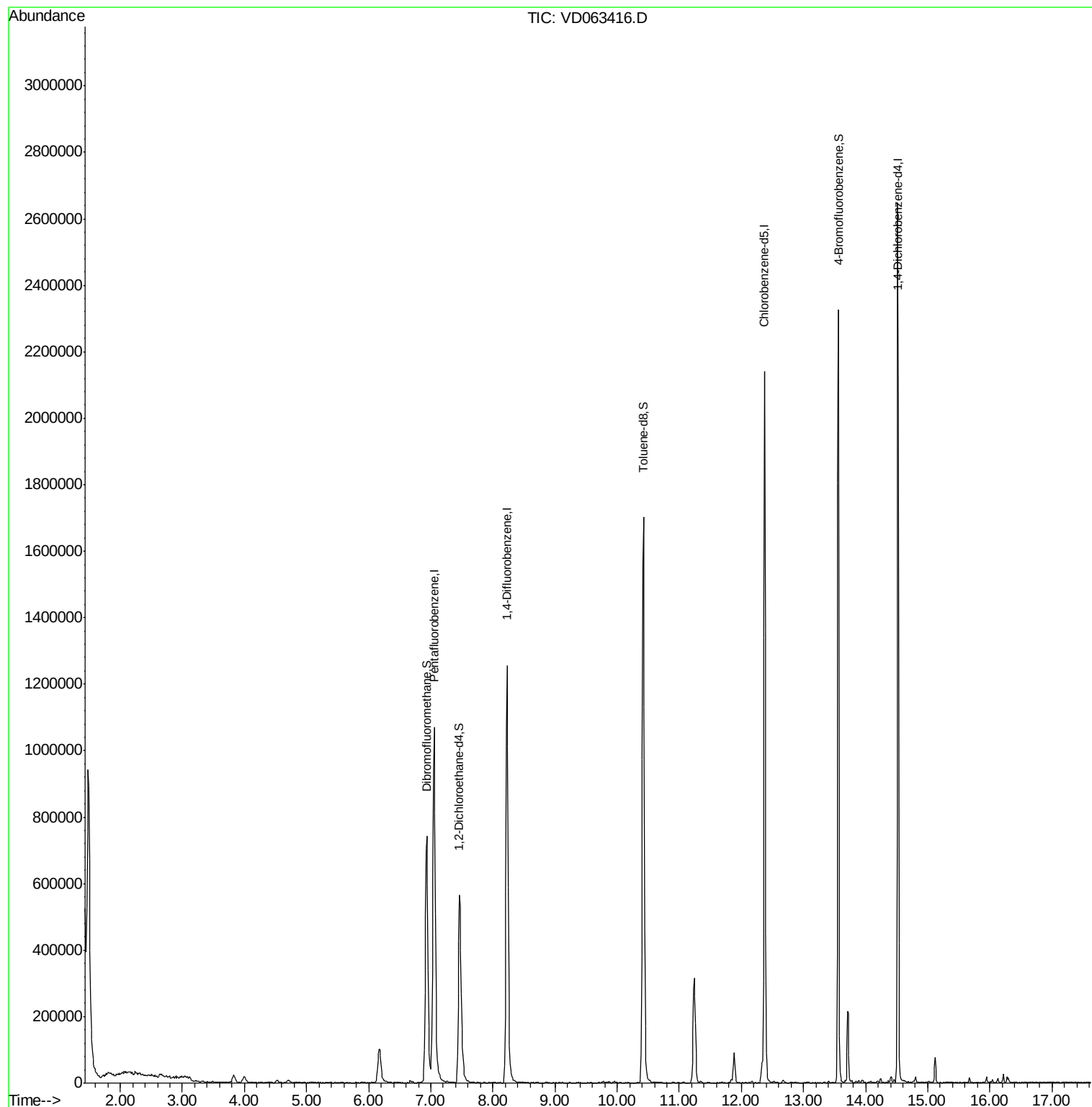
Target Compounds	Qvalue

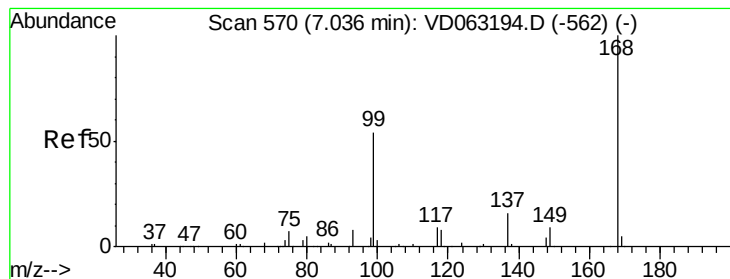
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 572

Delta R.T. 0.02 min

Lab File: VD063416.D

Acq: 7 Aug 2019 11:15

Instrument :

MSVOA_D

ClientSampleId :

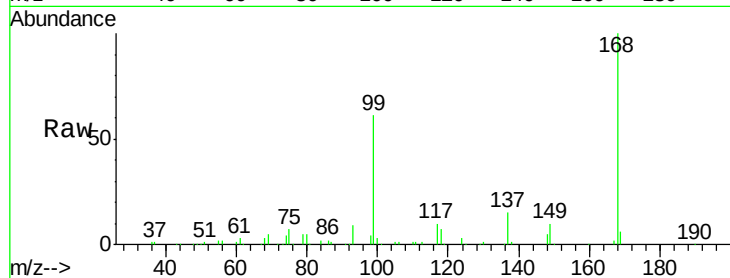
VD0807SBL01

Tot Ion:168 Resp: 1012830

Ion Ratio Lower Upper

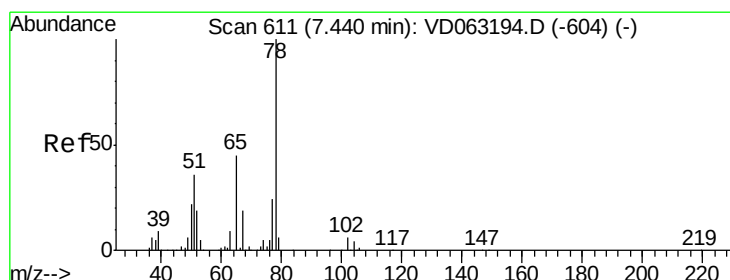
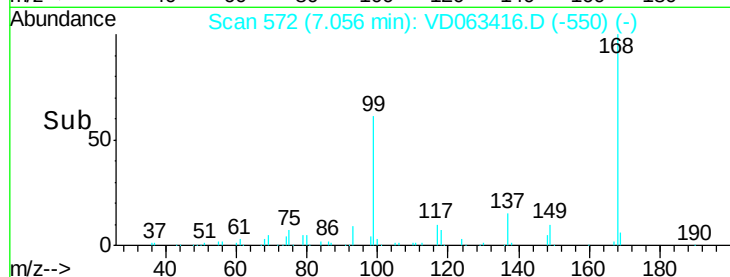
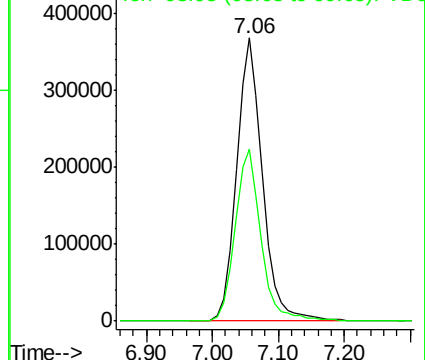
168 100

99 60.8 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 53.273 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.02 min

Lab File: VD063416.D

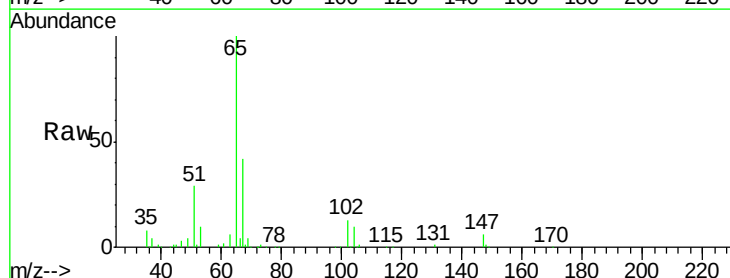
Acq: 7 Aug 2019 11:15

Tgt Ion: 65 Resp: 598697

Ion Ratio Lower Upper

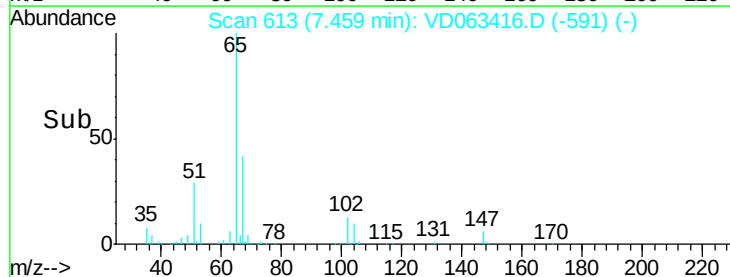
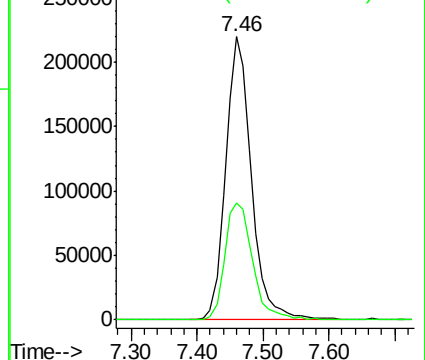
65 100

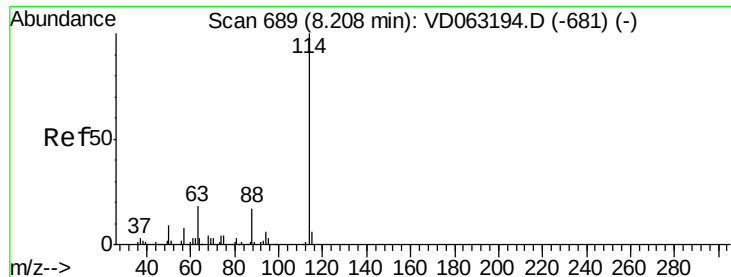
67 41.5 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.02 min

Lab File: VD063416.D

Acq: 7 Aug 2019 11:15

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBL01

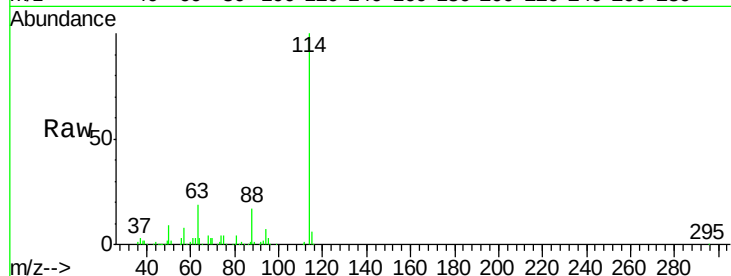
Tot Ion:114 Resp: 1350392

Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.2

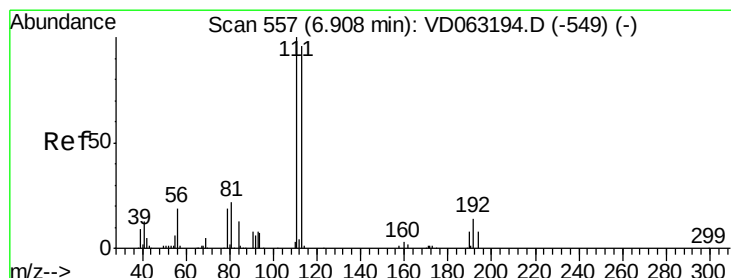
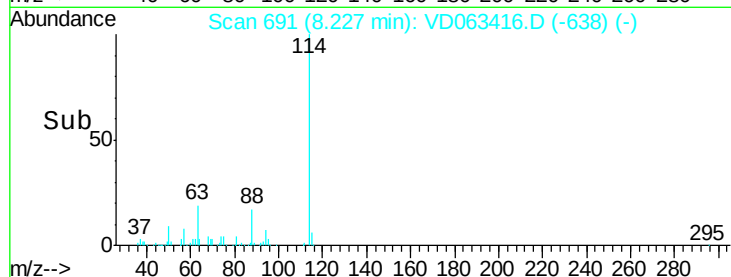
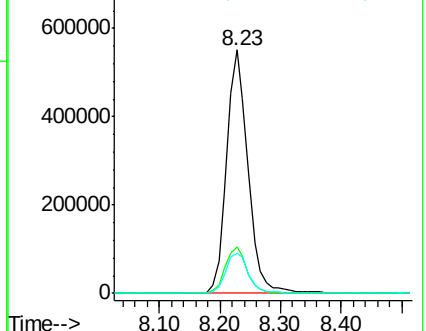
88 16.7 0.0 34.6



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: 58.422 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.02 min

Lab File: VD063416.D

Acq: 7 Aug 2019 11:15

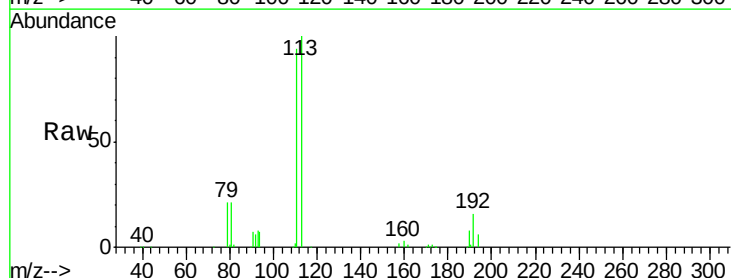
Tgt Ion:113 Resp: 673579

Ion Ratio Lower Upper

113 100

111 94.0 83.2 124.8

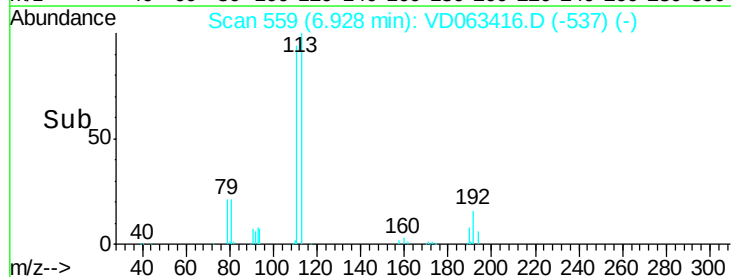
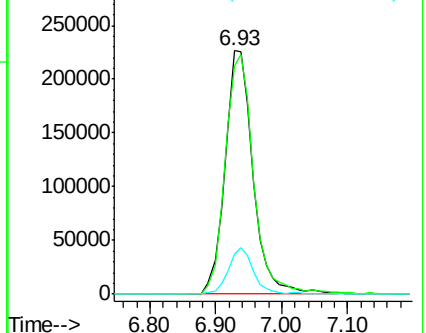
192 16.3 11.8 17.8

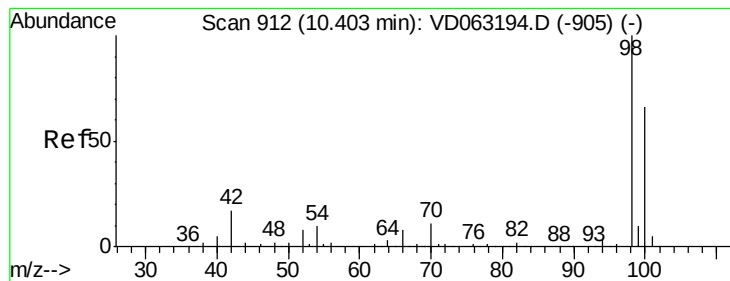


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 55.575 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD063416.D

Acq: 7 Aug 2019 11:15

Instrument :

MSVOA_D

ClientSampleId :

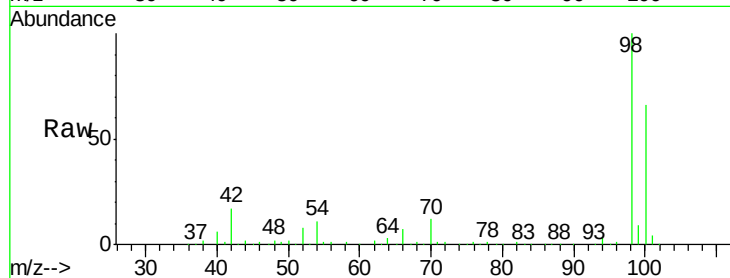
VD0807SBL01

Tot Ion: 98 Resp: 1433994

Ion Ratio Lower Upper

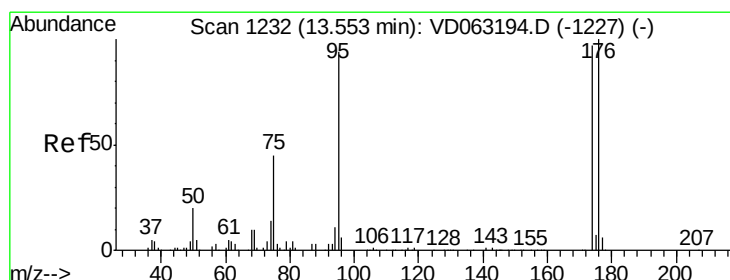
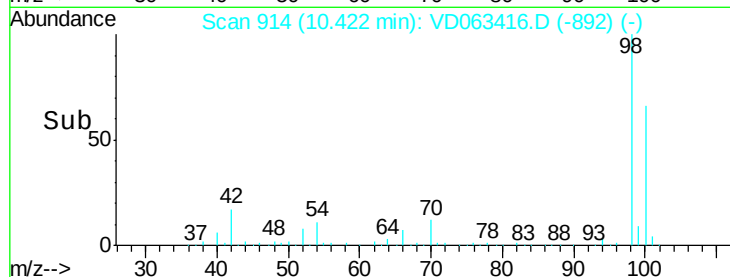
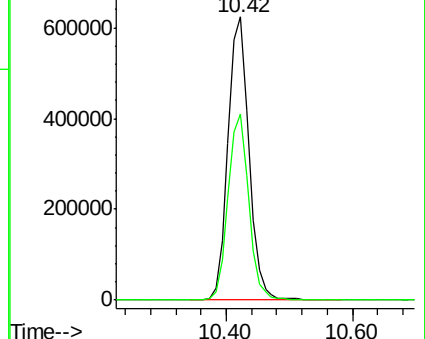
98 100

100 65.7 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 56.337 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD063416.D

Acq: 7 Aug 2019 11:15

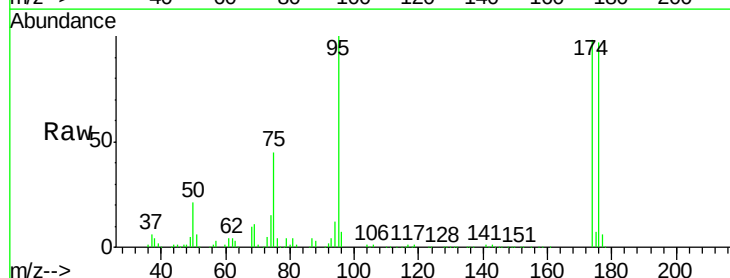
Tgt Ion: 95 Resp: 662430

Ion Ratio Lower Upper

95 100

174 97.6 0.0 205.4

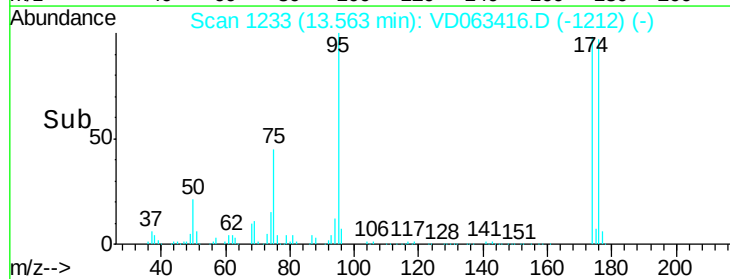
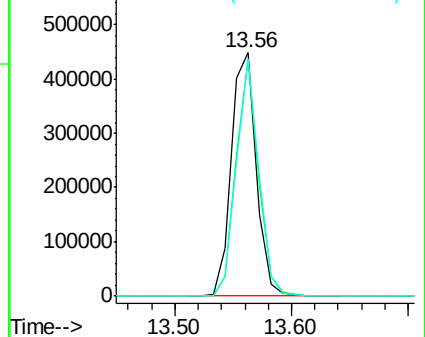
176 97.5 0.0 211.8

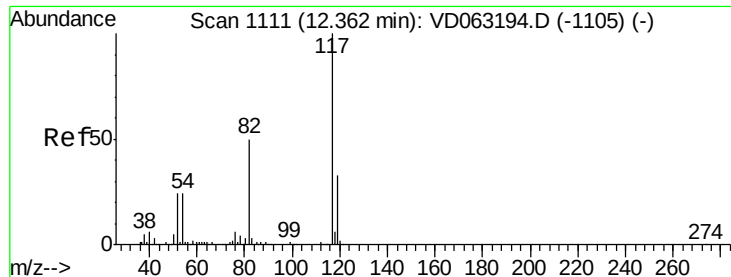


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

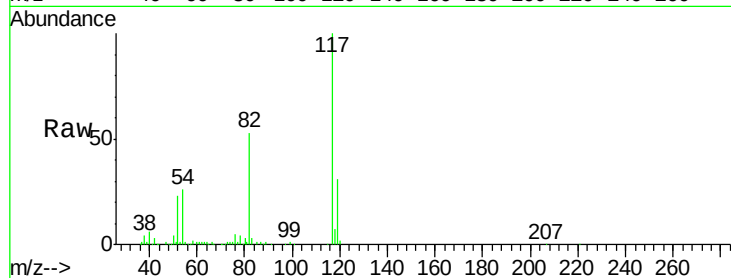




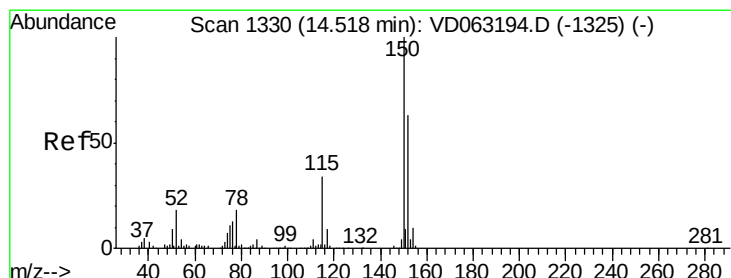
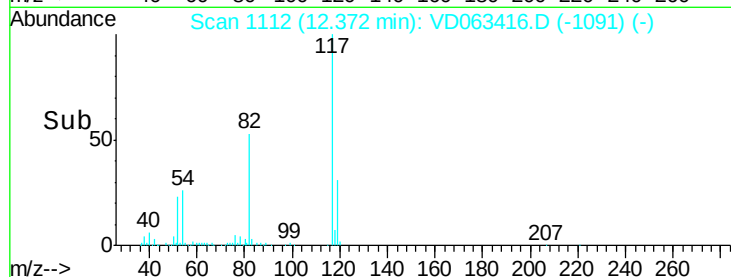
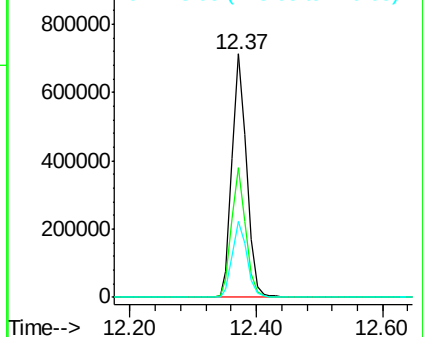
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063416.D
Acq: 7 Aug 2019 11:15

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBL01

Tot Ion:117 Resp: 1129800
Ion Ratio Lower Upper
117 100
82 53.2 40.1 60.1
119 31.0 26.5 39.7

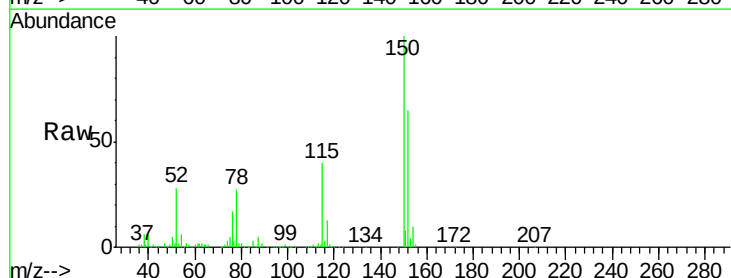


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063416.D
Acq: 7 Aug 2019 11:15

Tgt Ion:152 Resp: 591558
Ion Ratio Lower Upper
152 100
115 62.2 27.5 82.4
150 154.2 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

