

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080319\
 Data File : VD063354.D
 Acq On : 3 Aug 2019 11:50
 Operator : VA/AP
 Sample : VD0803SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0803SBL01

Quant Time: Aug 04 06:16:22 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	7.04	168	1100107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1522548	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1294578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	621516	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	528622	43.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.62%	
35) Dibromofluoromethane	6.92	113	623435	47.96	ug/l	0.02
Spiked Amount	50.000		Recovery	=	95.92%	
50) Toluene-d8	10.41	98	1355782	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
62) 4-Bromofluorobenzene	13.56	95	591679	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	

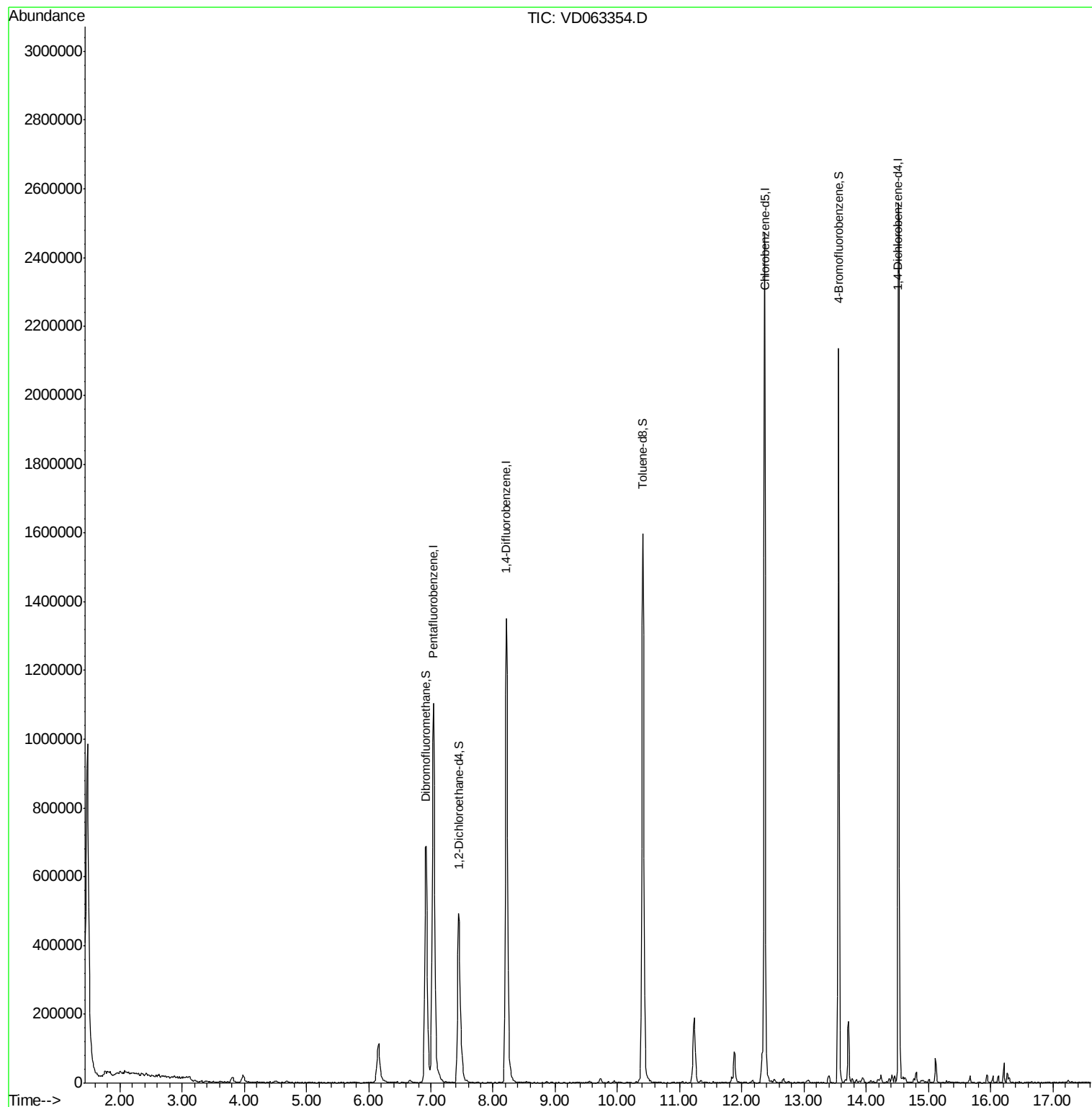
Target Compounds	Qvalue

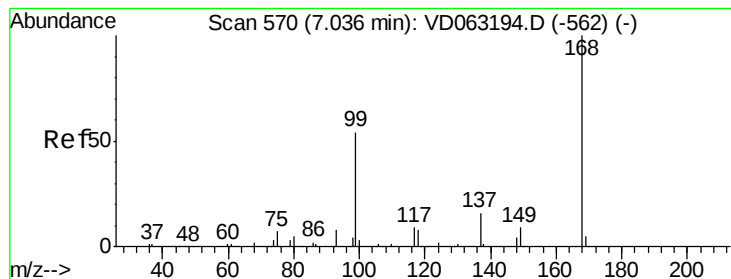
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 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: VD063354.D

Acq: 3 Aug 2019 11:50

Instrument :

MSVOA_D

ClientSampleId :

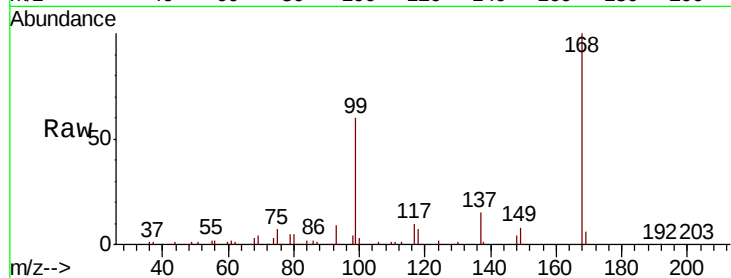
VD0803SBL01

Tot Ion:168 Resp: 1100107

Ion Ratio Lower Upper

168 100

99 60.0 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

400000

300000

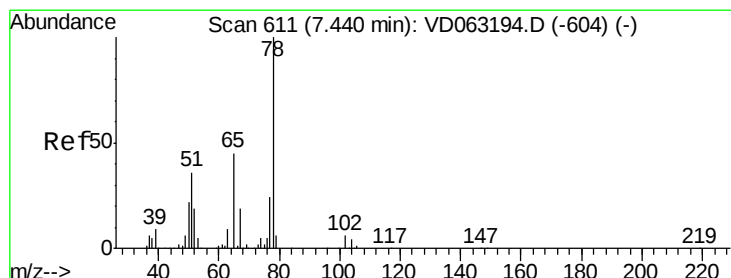
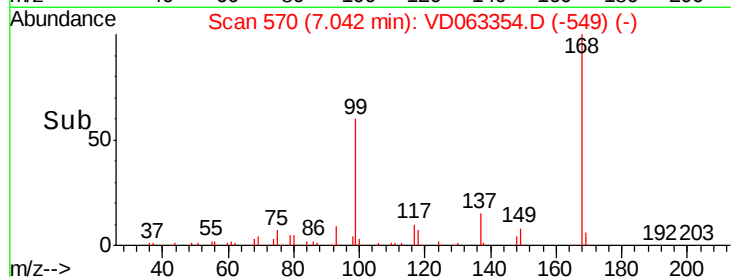
200000

100000

0

6.90 7.00 7.10 7.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 43.306 ug/l

RT: 7.45 min Scan# 611

Delta R.T. 0.01 min

Lab File: VD063354.D

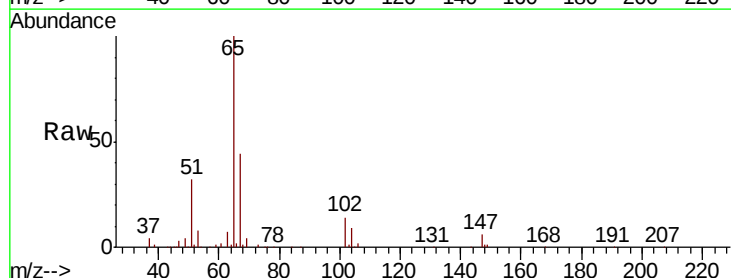
Acq: 3 Aug 2019 11:50

Tgt Ion: 65 Resp: 528622

Ion Ratio Lower Upper

65 100

67 43.8 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

200000

150000

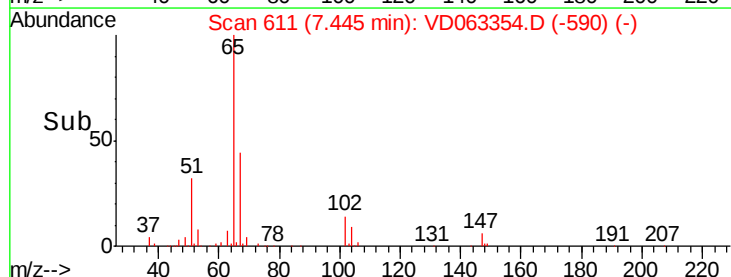
100000

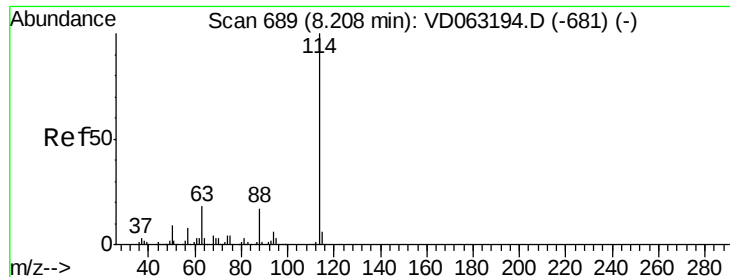
50000

0

7.30 7.40 7.50 7.60

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. 0.01 min

Lab File: VD063354.D

Acq: 3 Aug 2019 11:50

Instrument :

MSVOA_D

ClientSampleId :

VD0803SBL01

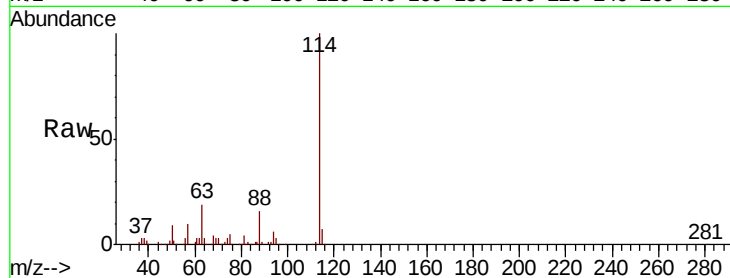
Tot Ion:114 Resp: 1522548

Ion Ratio Lower Upper

114 100

63 19.5 0.0 35.2

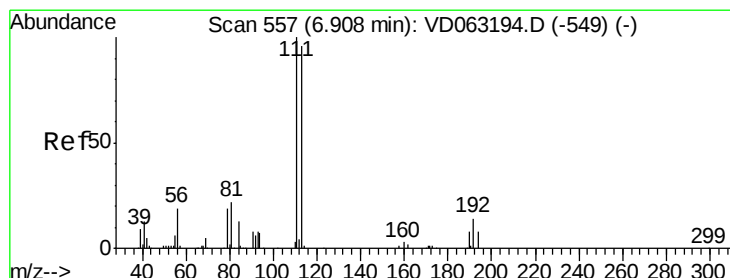
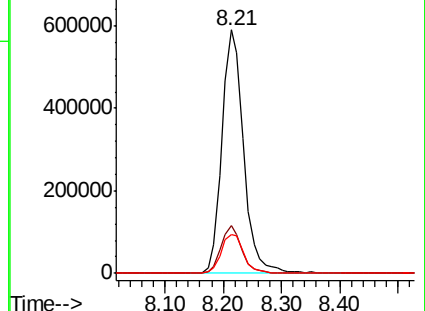
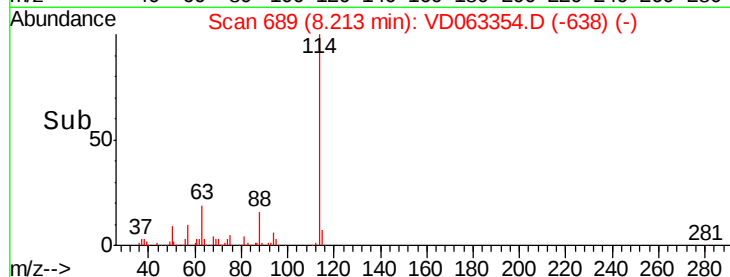
88 16.0 0.0 34.6



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: 47.959 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.02 min

Lab File: VD063354.D

Acq: 3 Aug 2019 11:50

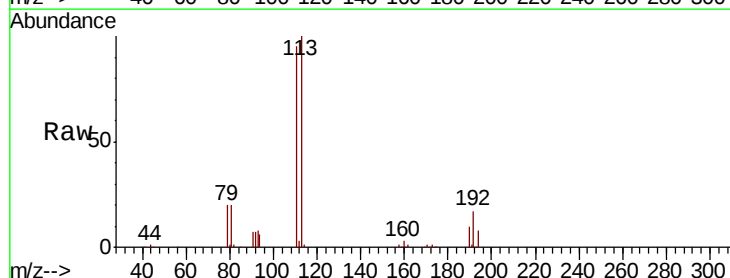
Tgt Ion:113 Resp: 623435

Ion Ratio Lower Upper

113 100

111 94.9 83.2 124.8

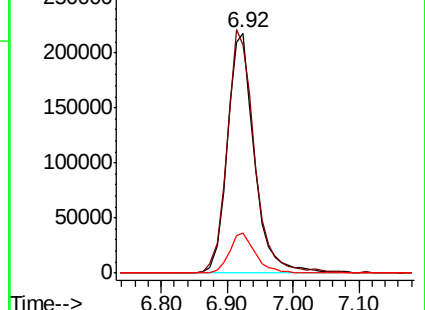
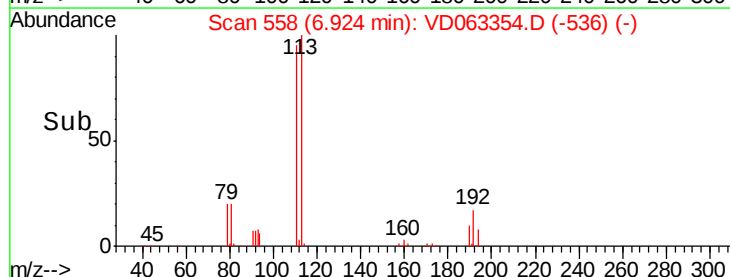
192 16.6 11.8 17.8

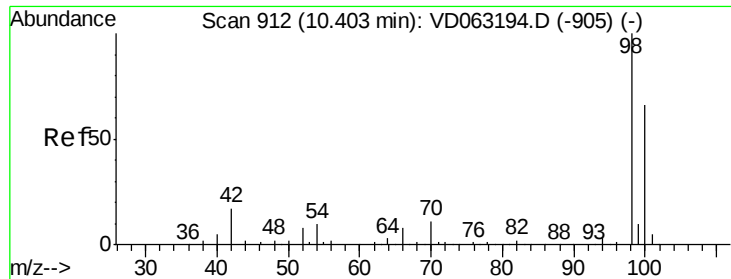


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

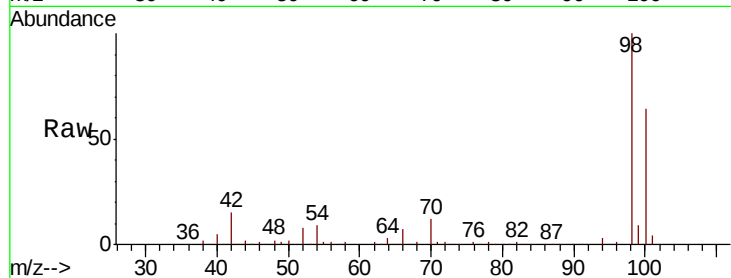




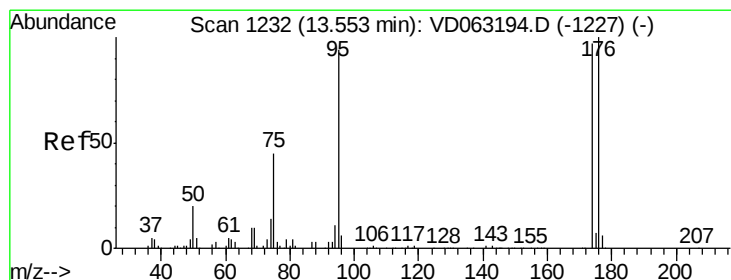
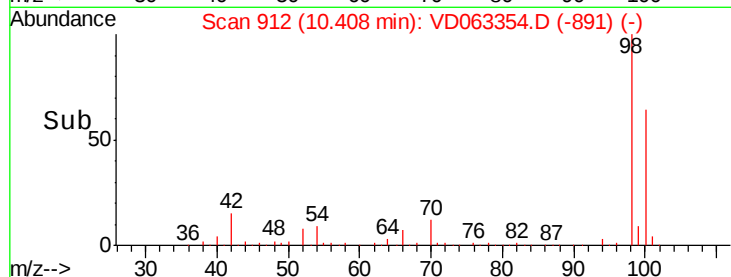
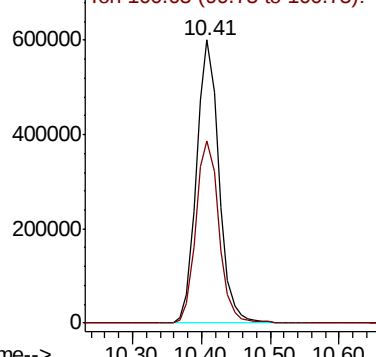
#50
Toluene-d8
Concen: 46.603 ug/l
RT: 10.41 min Scan# 912
Delta R.T. 0.01 min
Lab File: VD063354.D
Acq: 3 Aug 2019 11:50

Instrument :
MSVOA_D
ClientSampleId :
VD0803SBL01

Tot Ion: 98 Resp: 1355782
Ion Ratio Lower Upper
98 100
100 64.2 53.2 79.8

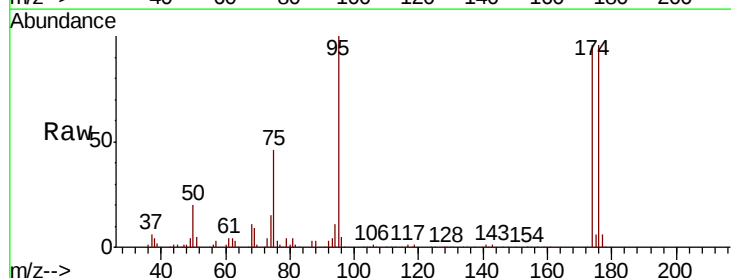


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

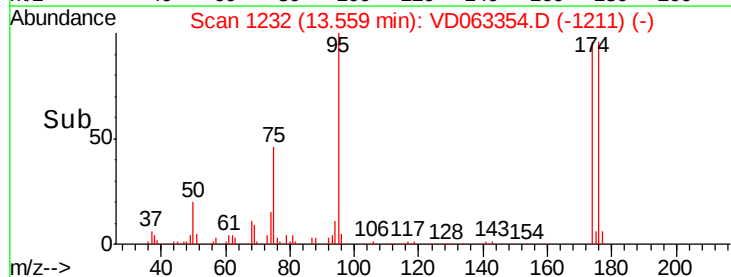
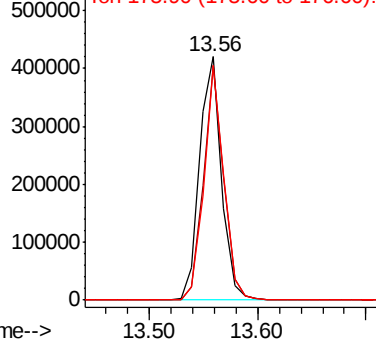


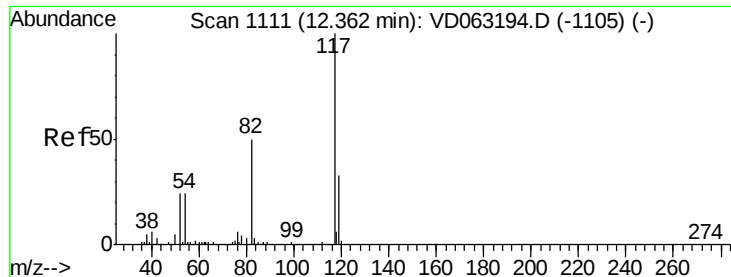
#62
4-Bromofluorobenzene
Concen: 44.630 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD063354.D
Acq: 3 Aug 2019 11:50

Tgt Ion: 95 Resp: 591679
Ion Ratio Lower Upper
95 100
174 96.2 0.0 205.4
176 96.2 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

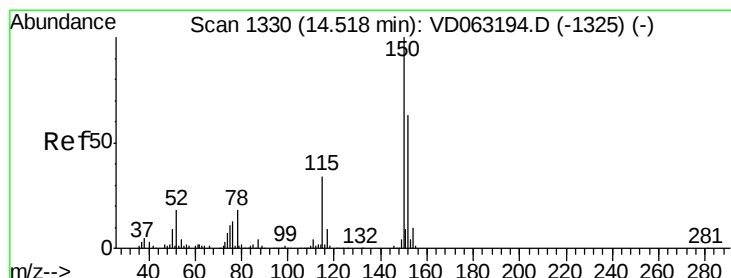
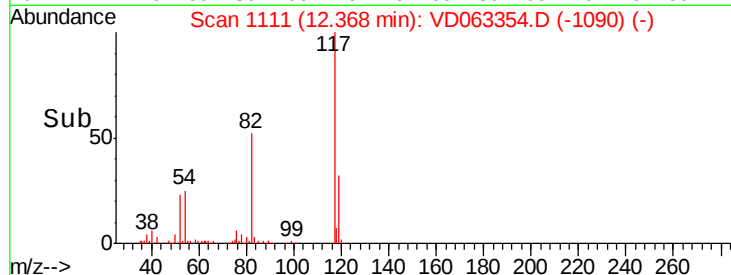
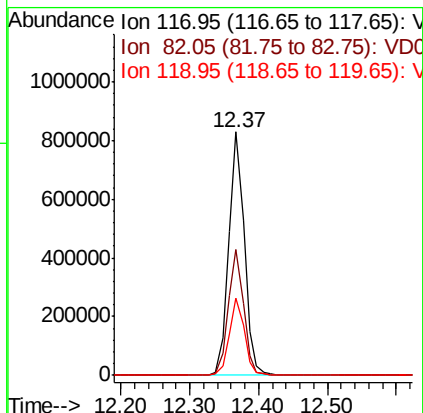
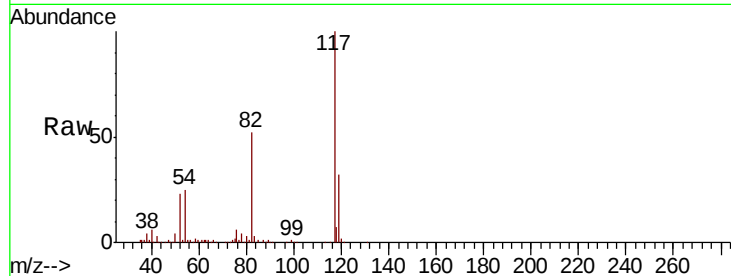




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD063354.D
Acq: 3 Aug 2019 11:50

Instrument :
MSVOA_D
ClientSampleId :
VD0803SBL01

Tot Ion:117 Resp: 1294578
Ion Ratio Lower Upper
117 100
82 51.9 40.1 60.1
119 31.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD063354.D
Acq: 3 Aug 2019 11:50

Tgt Ion:152 Resp: 621516
Ion Ratio Lower Upper
152 100
115 54.0 27.5 82.4
150 156.5 0.0 320.6

