

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080219\
 Data File : VD063311.D
 Acq On : 2 Aug 2019 12:45
 Operator : VA/AP
 Sample : K4124-01
 Misc : 6.33g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-15

Quant Time: Aug 04 04:08:02 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

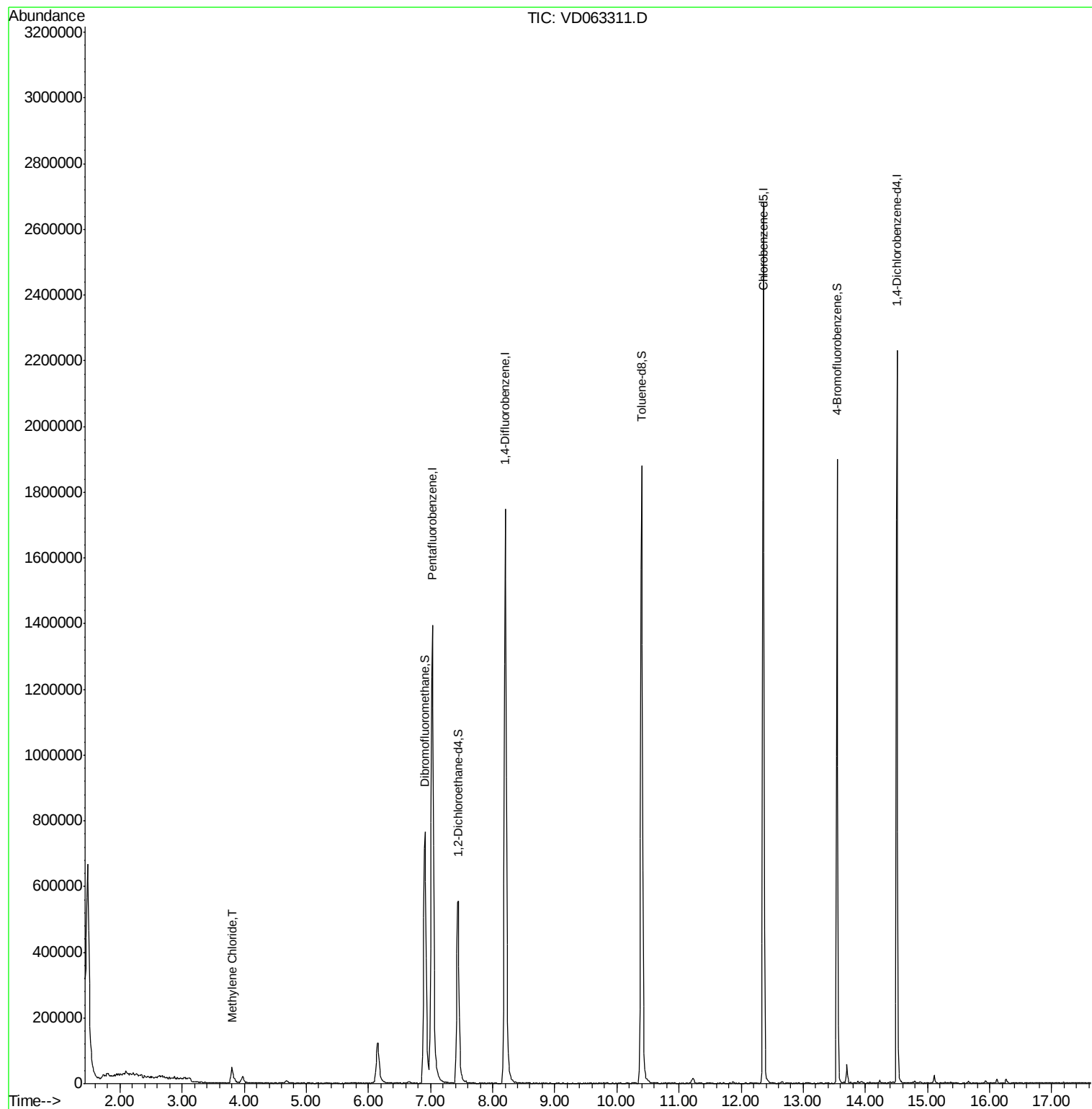
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	1351434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1875231	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1436548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	515805	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	626876	41.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.60%	
35) Dibromofluoromethane	6.91	113	700811	43.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.54%	
50) Toluene-d8	10.40	98	1499181	41.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.68%	
62) 4-Bromofluorobenzene	13.55	95	503894	30.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.72%	
Target Compounds						
20) Methylene Chloride	3.79	84	31320	2.652	ug/l #	91

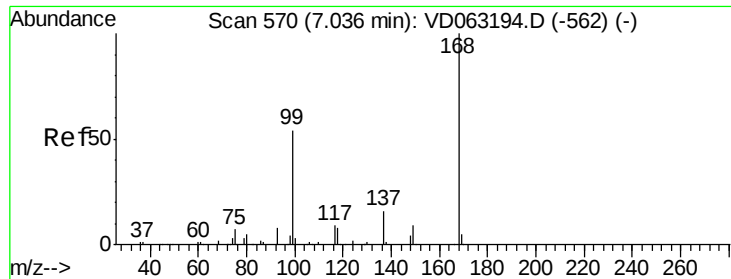
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.01 min

Lab File: VD063311.D

Acq: 2 Aug 2019 12:45

Instrument :

MSVOA_D

ClientSampleId :

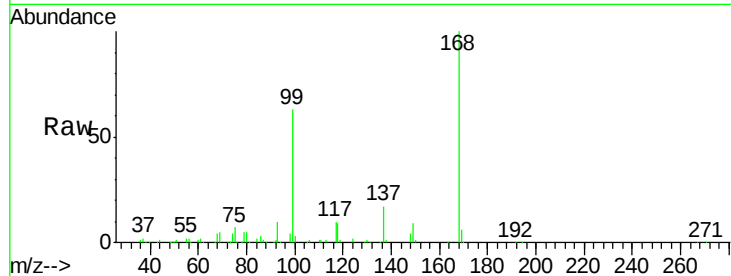
TP-15

Tot Ion:168 Resp: 1351434

Ion Ratio Lower Upper

168 100

99 63.3 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

500000

400000

300000

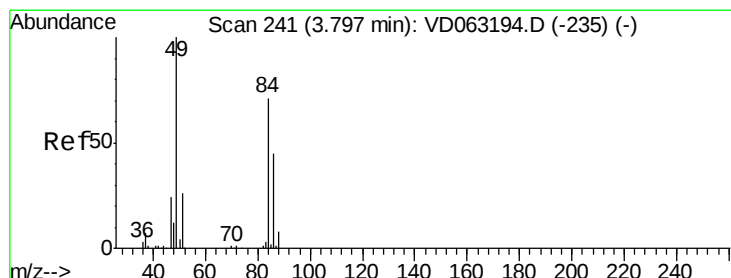
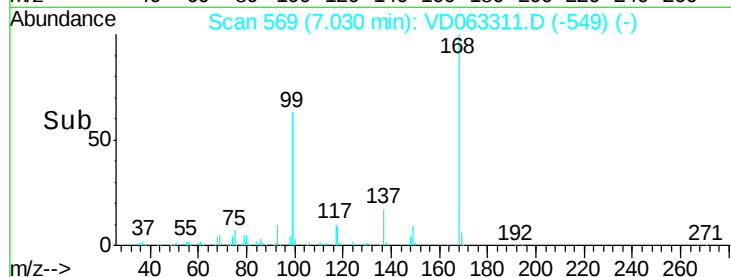
200000

100000

0

6.90 7.00 7.10 7.20

Time-->



#20

Methylene Chloride

Concen: 2.652 ug/l

RT: 3.79 min Scan# 240

Delta R.T. -0.01 min

Lab File: VD063311.D

Acq: 2 Aug 2019 12:45

Tgt Ion: 84 Resp: 31320

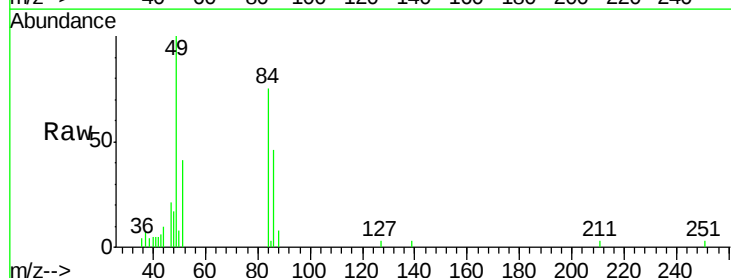
Ion Ratio Lower Upper

84 100

49 132.6 112.5 168.7

51 54.9 29.6 44.4#

86 60.8 50.4 75.6



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

20000

15000

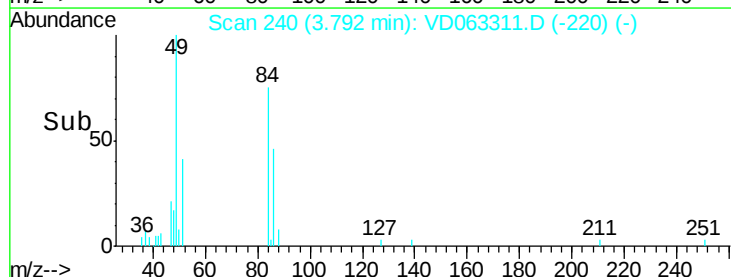
10000

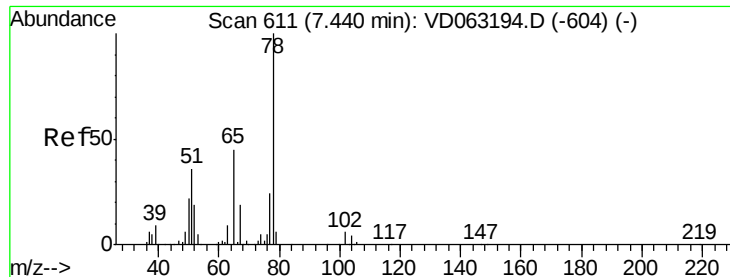
5000

0

3.70 3.80 3.90 4.00

Time-->





#33

1,2-Dichloroethane-d4

Concen: 41.804 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.01 min

Lab File: VD063311.D

Acq: 2 Aug 2019 12:45

Instrument :

MSVOA_D

ClientSampleId :

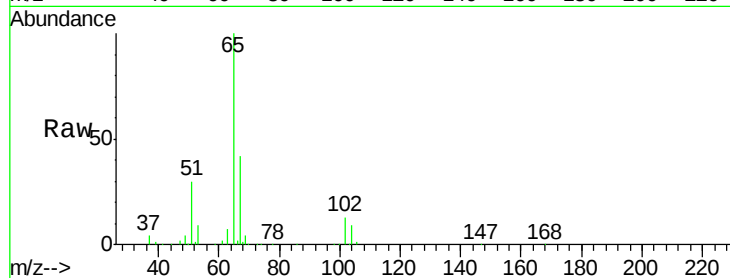
TP-15

Tot Ion: 65 Resp: 626876

Ion Ratio Lower Upper

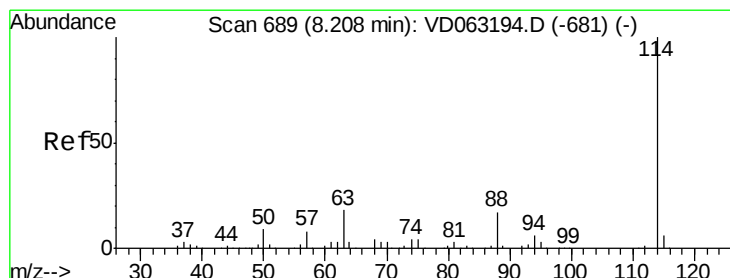
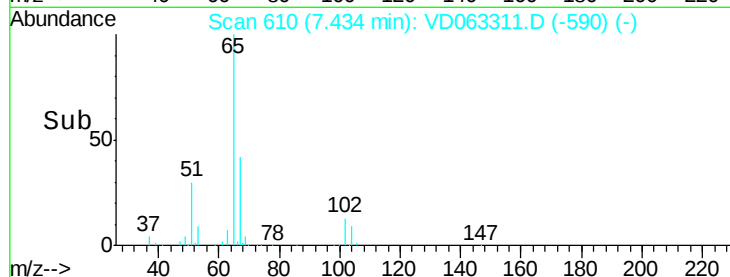
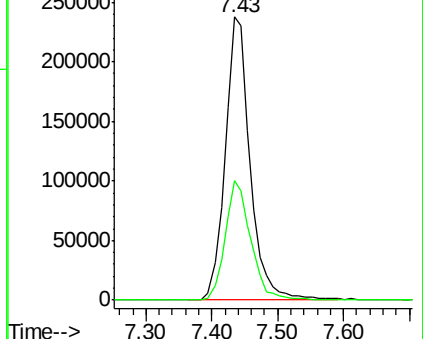
65 100

67 42.2 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: 8.20 min Scan# 688

Delta R.T. -0.01 min

Lab File: VD063311.D

Acq: 2 Aug 2019 12:45

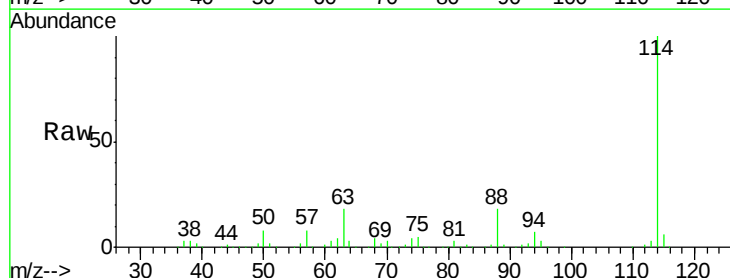
Tgt Ion: 114 Resp: 1875231

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.2

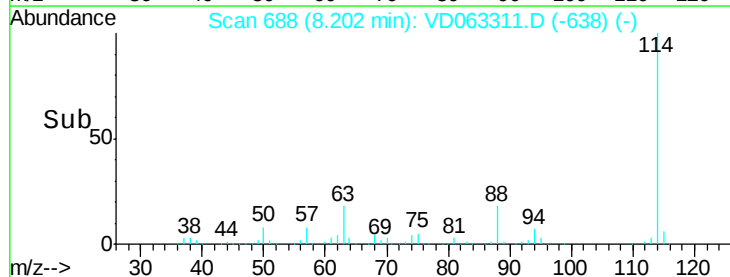
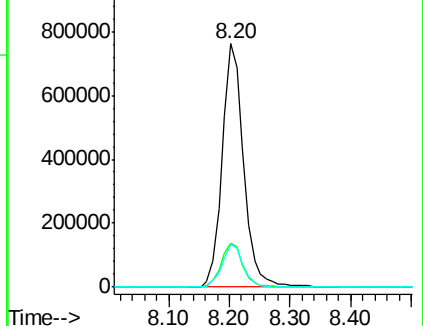
88 17.5 0.0 34.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 43.772 ug/l

RT: 6.91 min Scan# 557

Delta R.T. 0.00 min

Lab File: VD063311.D

Acq: 2 Aug 2019 12:45

Instrument :

MSVOA_D

ClientSampleId :

TP-15

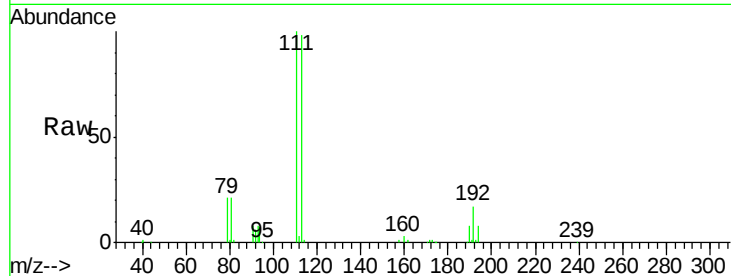
Tot Ion:113 Resp: 700811

Ion Ratio Lower Upper

113 100

111 102.3 83.2 124.8

192 17.1 11.8 17.8

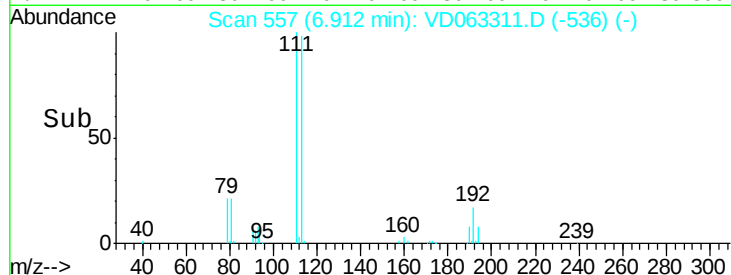


Abundance Ion 112.90 (112.60 to 113.60): V

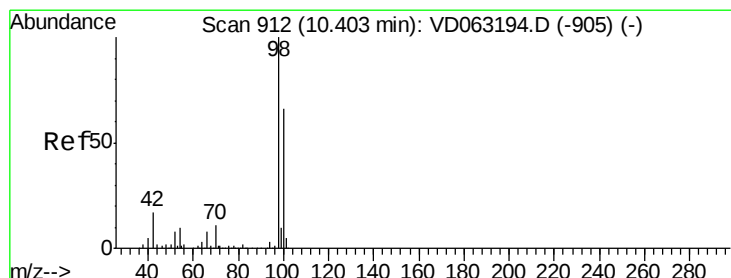
Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

6.91



Time-->



#50

Toluene-d8

Concen: 41.840 ug/l

RT: 10.40 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD063311.D

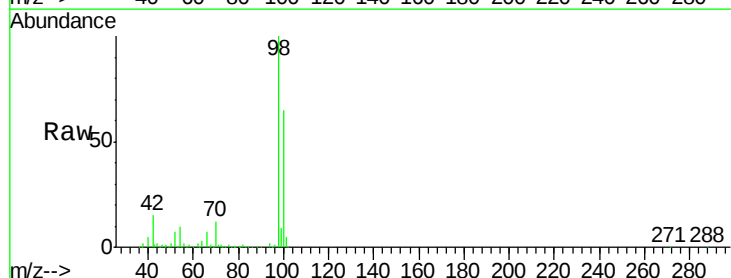
Acq: 2 Aug 2019 12:45

Tgt Ion: 98 Resp: 1499181

Ion Ratio Lower Upper

98 100

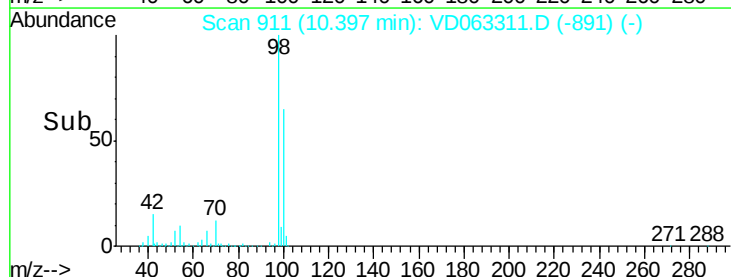
100 64.8 53.2 79.8



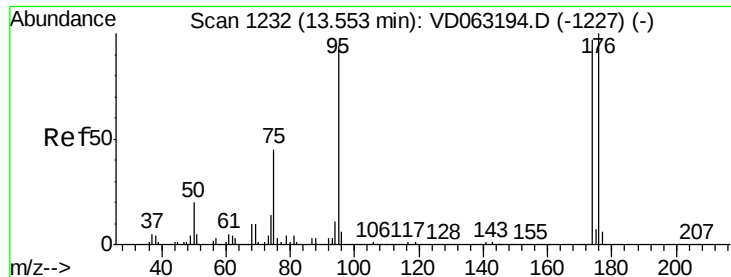
Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.40



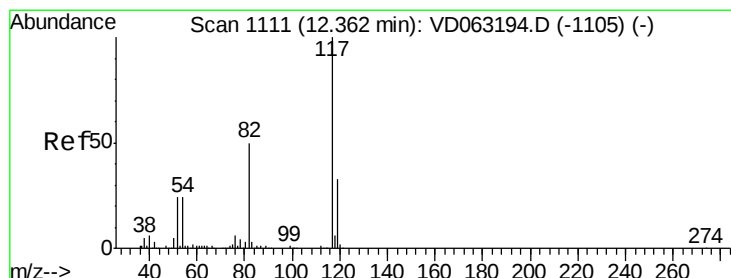
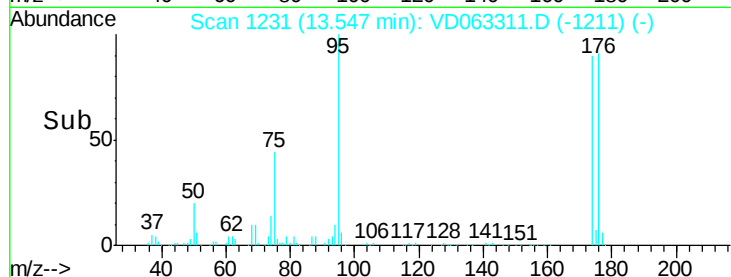
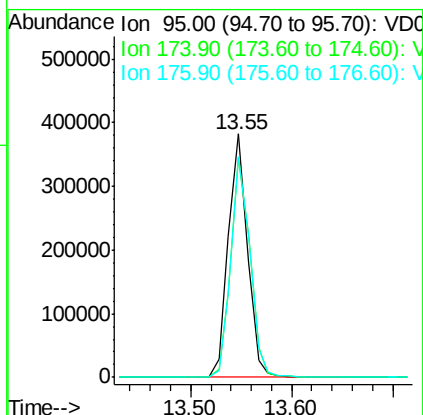
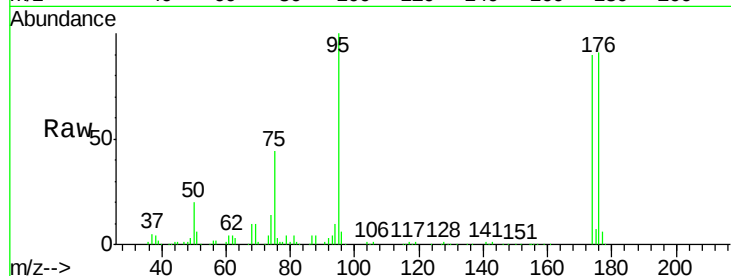
Time-->



#62
4-Bromofluorobenzene
Concen: 30.860 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063311.D
Acq: 2 Aug 2019 12:45

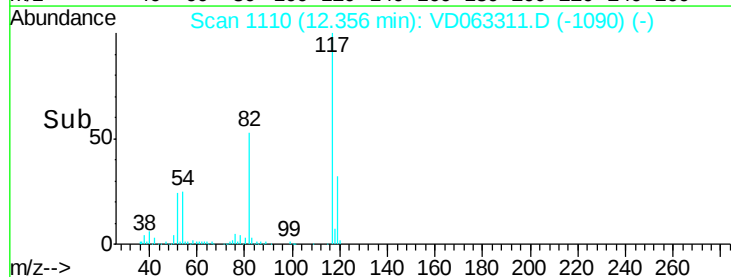
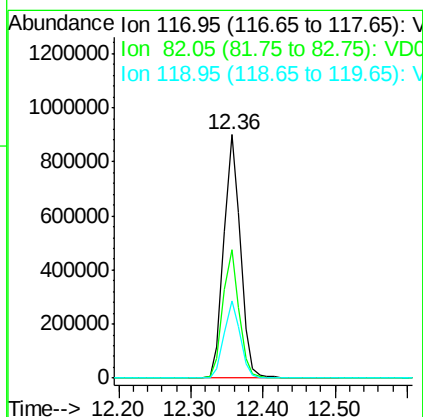
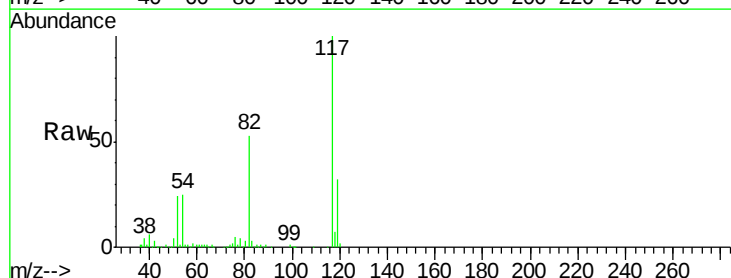
Instrument :
MSVOA_D
ClientSampled :
TP-15

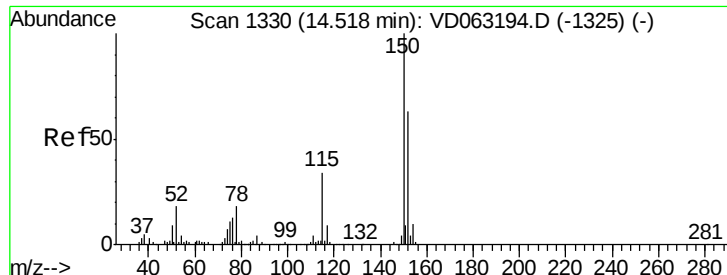
Tot Ion: 95 Resp: 503894
Ion Ratio Lower Upper
95 100
174 90.1 0.0 205.4
176 90.6 0.0 211.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD063311.D
Acq: 2 Aug 2019 12:45

Tgt Ion: 117 Resp: 1436548
Ion Ratio Lower Upper
117 100
82 52.8 40.1 60.1
119 31.5 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD063311.D

Acq: 2 Aug 2019 12:45

Instrument :

MSVOA_D

ClientSampleId :

TP-15

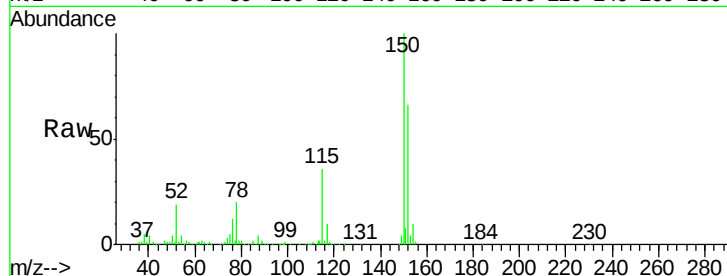
Tot Ion:152 Resp: 515805

Ion Ratio Lower Upper

152 100

115 54.3 27.5 82.4

150 152.3 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

