

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080319\
 Data File : VD063359.D
 Acq On : 3 Aug 2019 14:13
 Operator : VA/AP
 Sample : K4136-04
 Misc : 5.49g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1S-C3-(0-1)

Quant Time: Aug 04 06:26:13 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

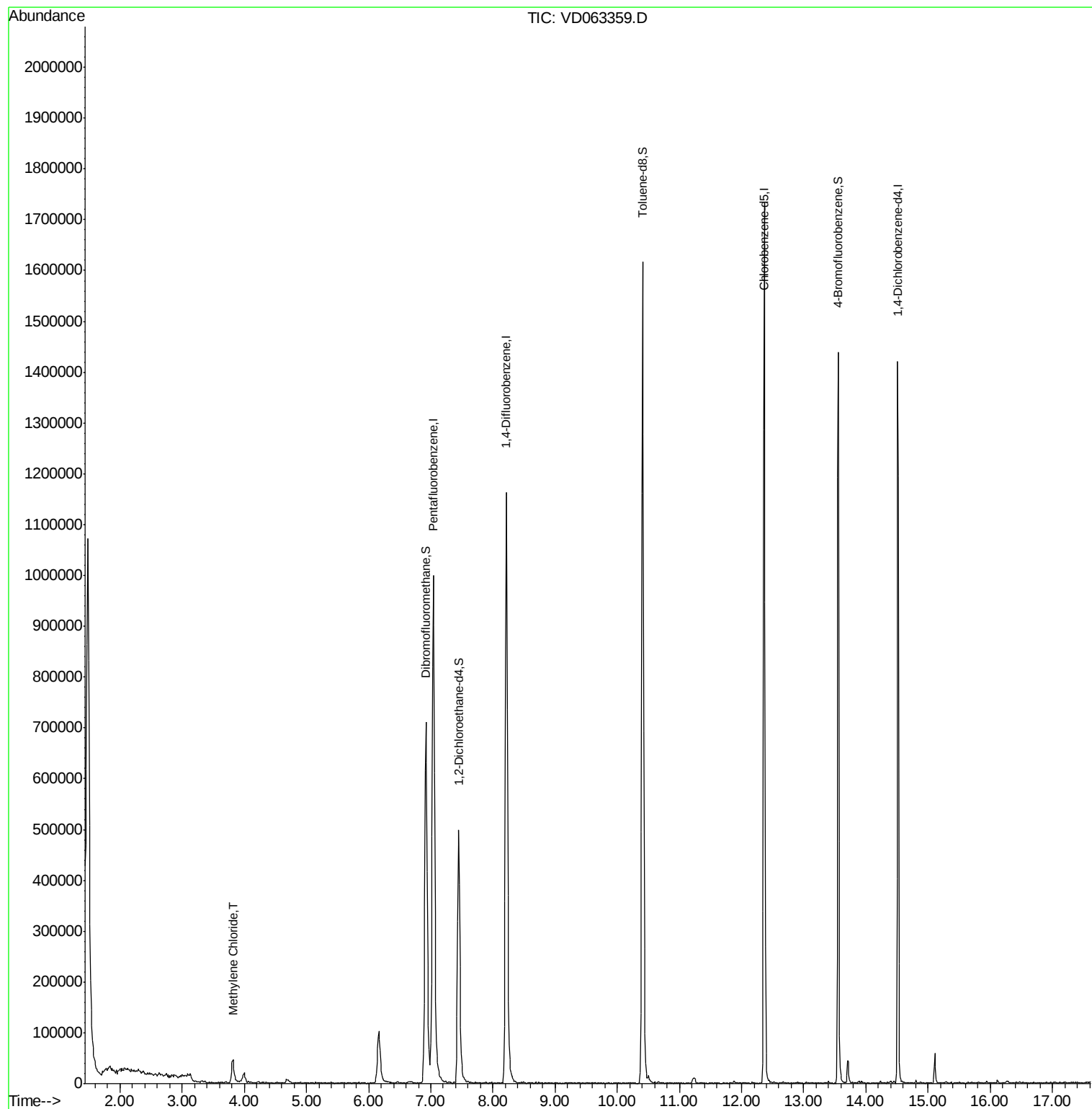
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	977403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1318512	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	929006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	331137	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	571225	52.67	ug/l	0.01
Spiked Amount 50.000			Recovery	=	105.34%	
35) Dibromofluoromethane	6.92	113	633274	56.25	ug/l	0.01
Spiked Amount 50.000			Recovery	=	112.50%	
50) Toluene-d8	10.41	98	1266653	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	13.56	95	409324	35.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.30%	
Target Compounds						
20) Methylene Chloride	3.81	84	28546	3.342	ug/l	Qvalue 95

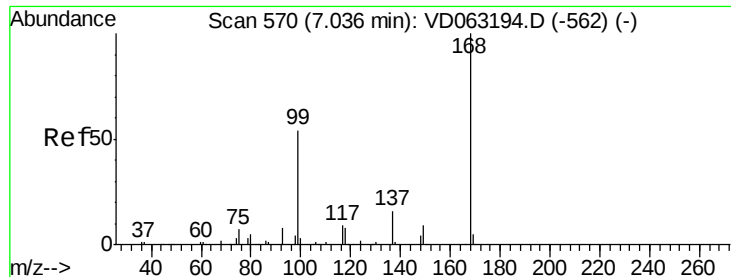
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD063359.D

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Instrument :

MSVOA_D

ClientSampleId :

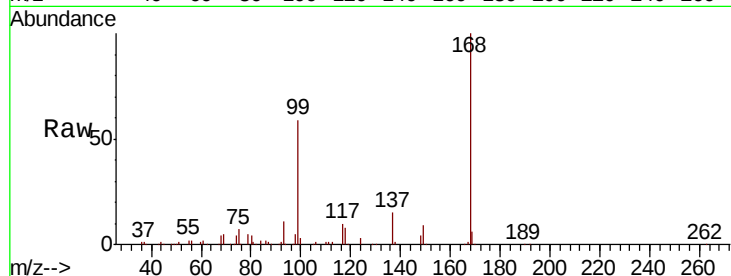
1S-C3-(0-1)

Tot Ion:168 Resp: 977403

Ion Ratio Lower Upper

168 100

99 59.1 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

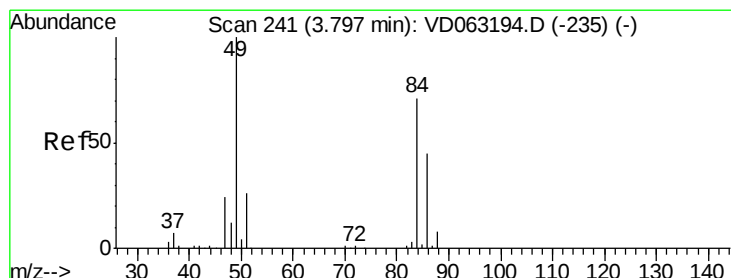
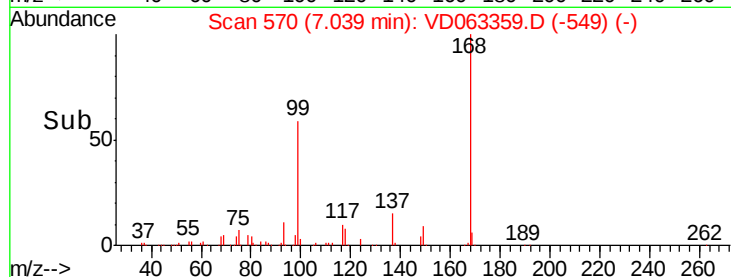
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 3.342 ug/l

RT: 3.81 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD063359.D

Acq: 3 Aug 2019 14:13

Tgt Ion: 84 Resp: 28546

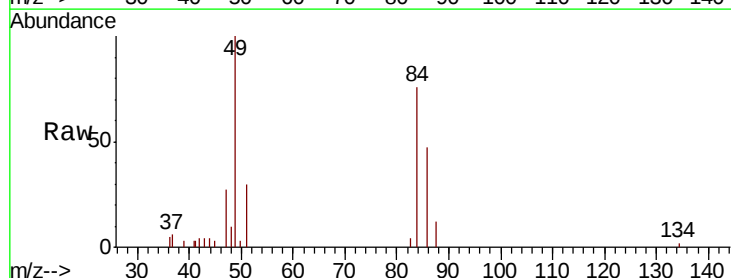
Ion Ratio Lower Upper

84 100

49 132.2 112.5 168.7

51 40.2 29.6 44.4

86 62.2 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

3.81

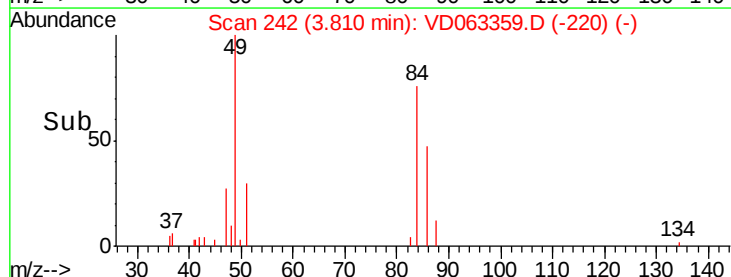
15000

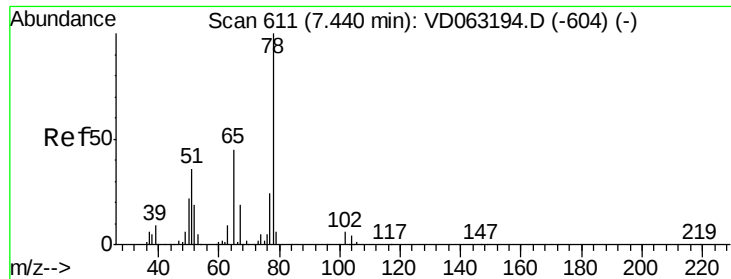
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.671 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063359.D

Acq: 3 Aug 2019 14:13

Instrument :

MSVOA_D

ClientSampleId :

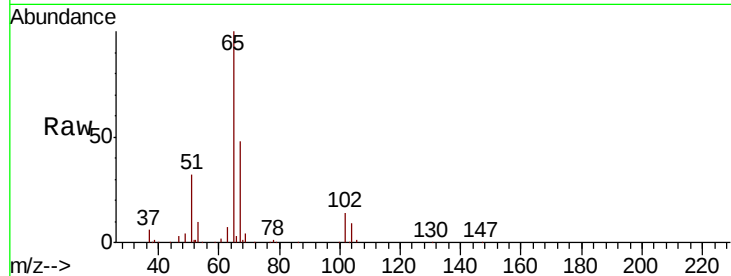
1S-C3-(0-1)

Tot Ion: 65 Resp: 571225

Ion Ratio Lower Upper

65 100

67 47.6 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

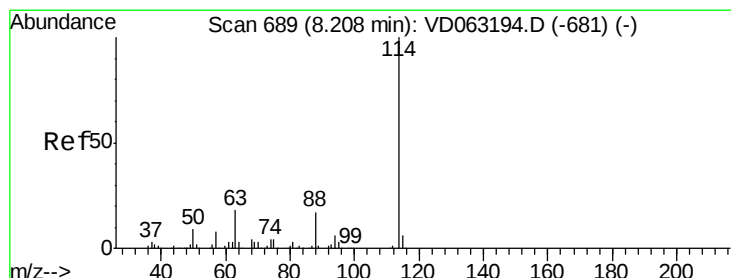
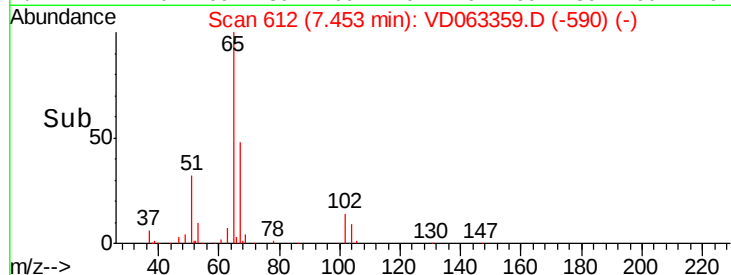
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.01 min

Lab File: VD063359.D

Acq: 3 Aug 2019 14:13

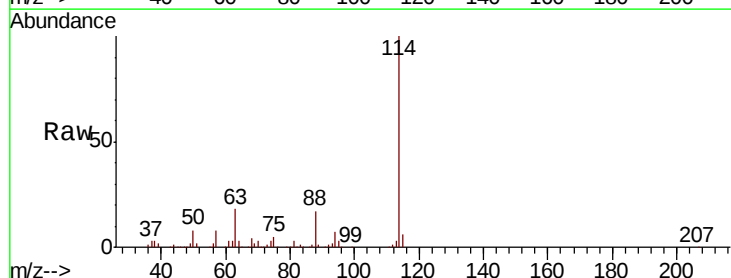
Tgt Ion: 114 Resp: 1318512

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.2

88 16.7 0.0 34.6



Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.22

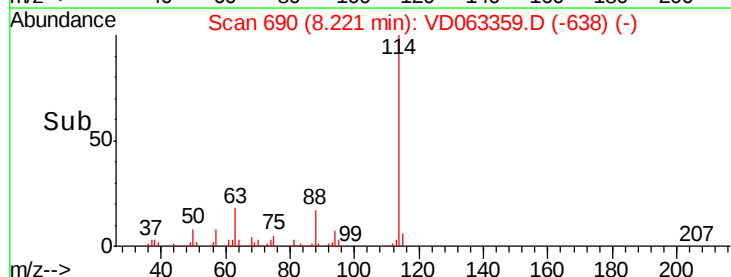
600000

400000

200000

0

Time-->





#35

Dibromofluoromethane

Concen: 56.255 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063359.D

Acq: 3 Aug 2019 14:13

Instrument :

MSVOA_D

ClientSampleId :

1S-C3-(0-1)

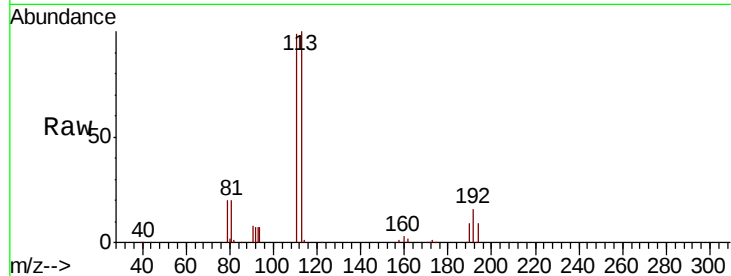
Tot Ion:113 Resp: 633274

Ion Ratio Lower Upper

113 100

111 98.6 83.2 124.8

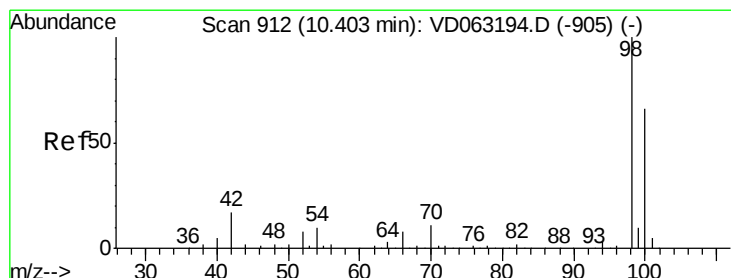
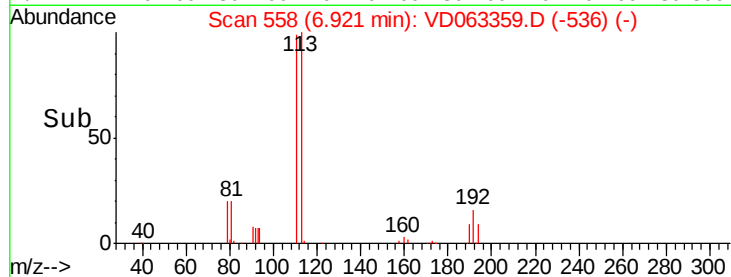
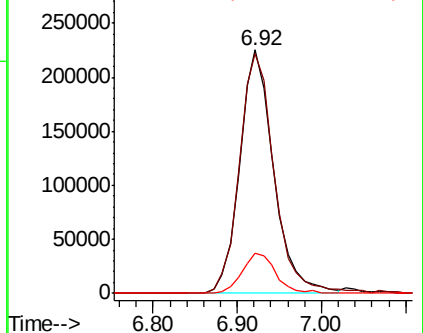
192 16.4 11.8 17.8



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: 50.277 ug/l

RT: 10.41 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063359.D

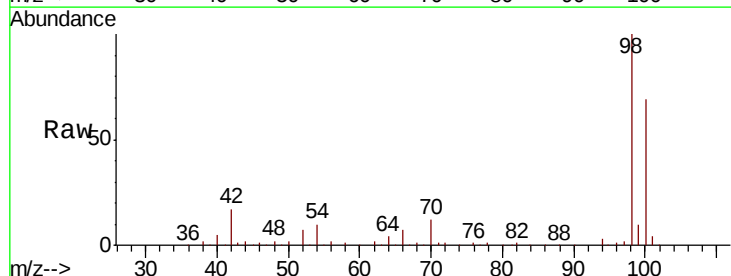
Acq: 3 Aug 2019 14:13

Tgt Ion: 98 Resp: 1266653

Ion Ratio Lower Upper

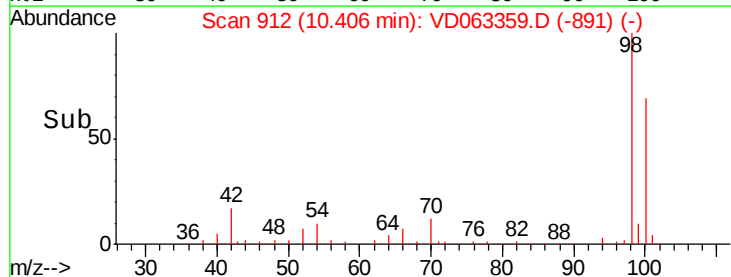
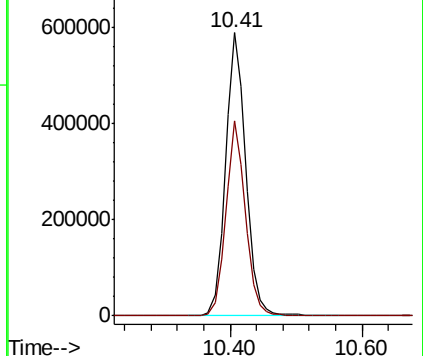
98 100

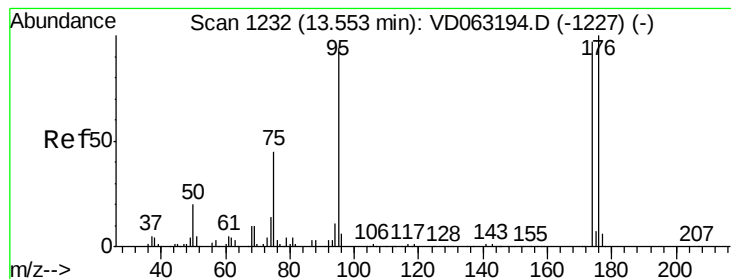
100 69.0 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 35.653 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063359.D

Acq: 3 Aug 2019 14:13

Instrument :

MSVOA_D

ClientSampleId :

1S-C3-(0-1)

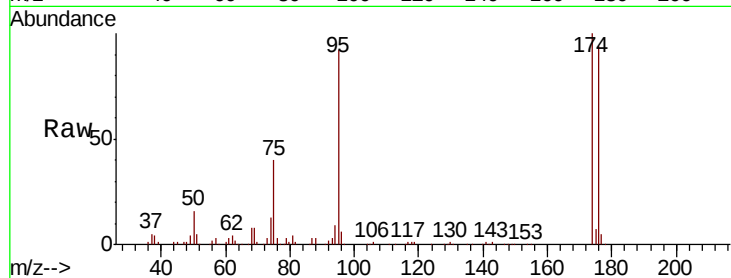
Tot Ion: 95 Resp: 409324

Ion Ratio Lower Upper

95 100

174 108.4 0.0 205.4

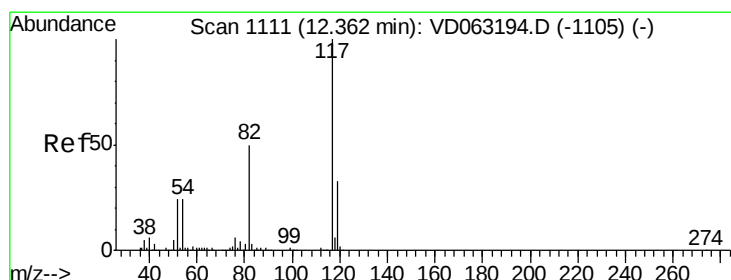
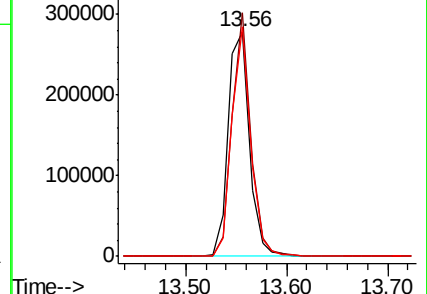
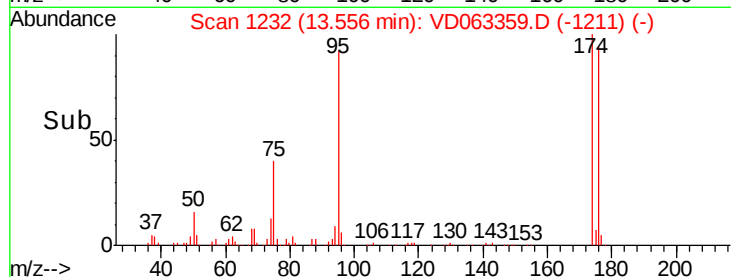
176 102.0 0.0 211.8



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD063359.D

Acq: 3 Aug 2019 14:13

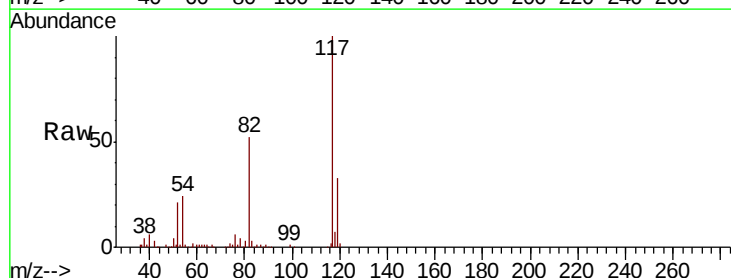
Tgt Ion: 117 Resp: 929006

Ion Ratio Lower Upper

117 100

82 51.9 40.1 60.1

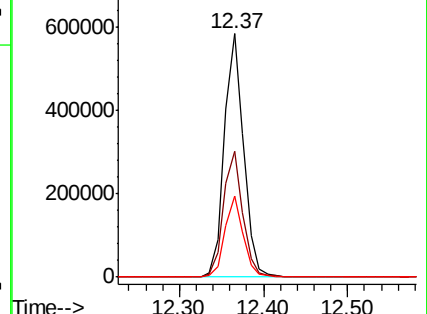
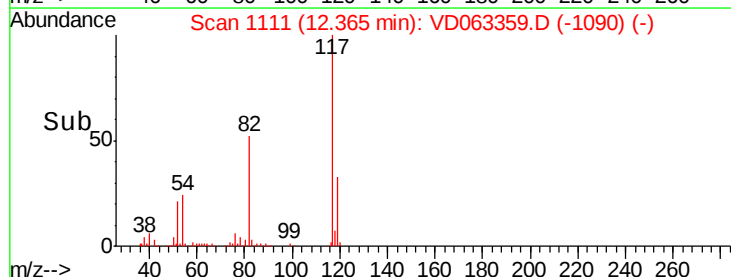
119 33.2 26.5 39.7

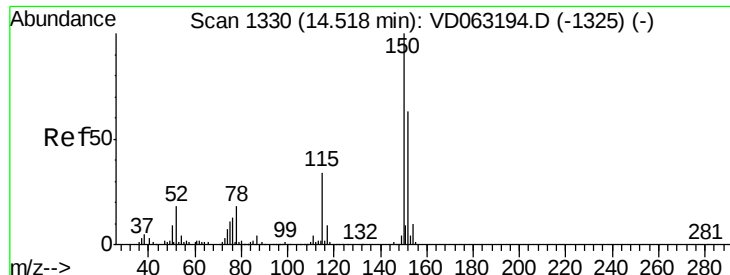


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

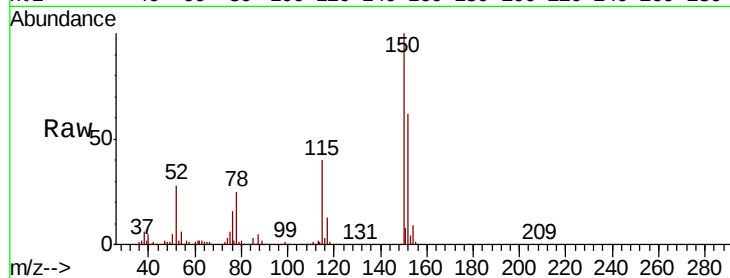




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: VD063359.D
 Acq: 3 Aug 2019 14:13

Instrument :
 MSVOA_D
 ClientSampleId :
 1S-C3-(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
115	64.1	27.5	82.4
150	160.1	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

