

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062619\
 Data File : VD062918.D
 Acq On : 26 Jun 2019 15:32
 Operator : VA/AP
 Sample : K3526-01
 Misc : 5.09g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-4.0-4.5

Quant Time: Jun 27 09:24:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

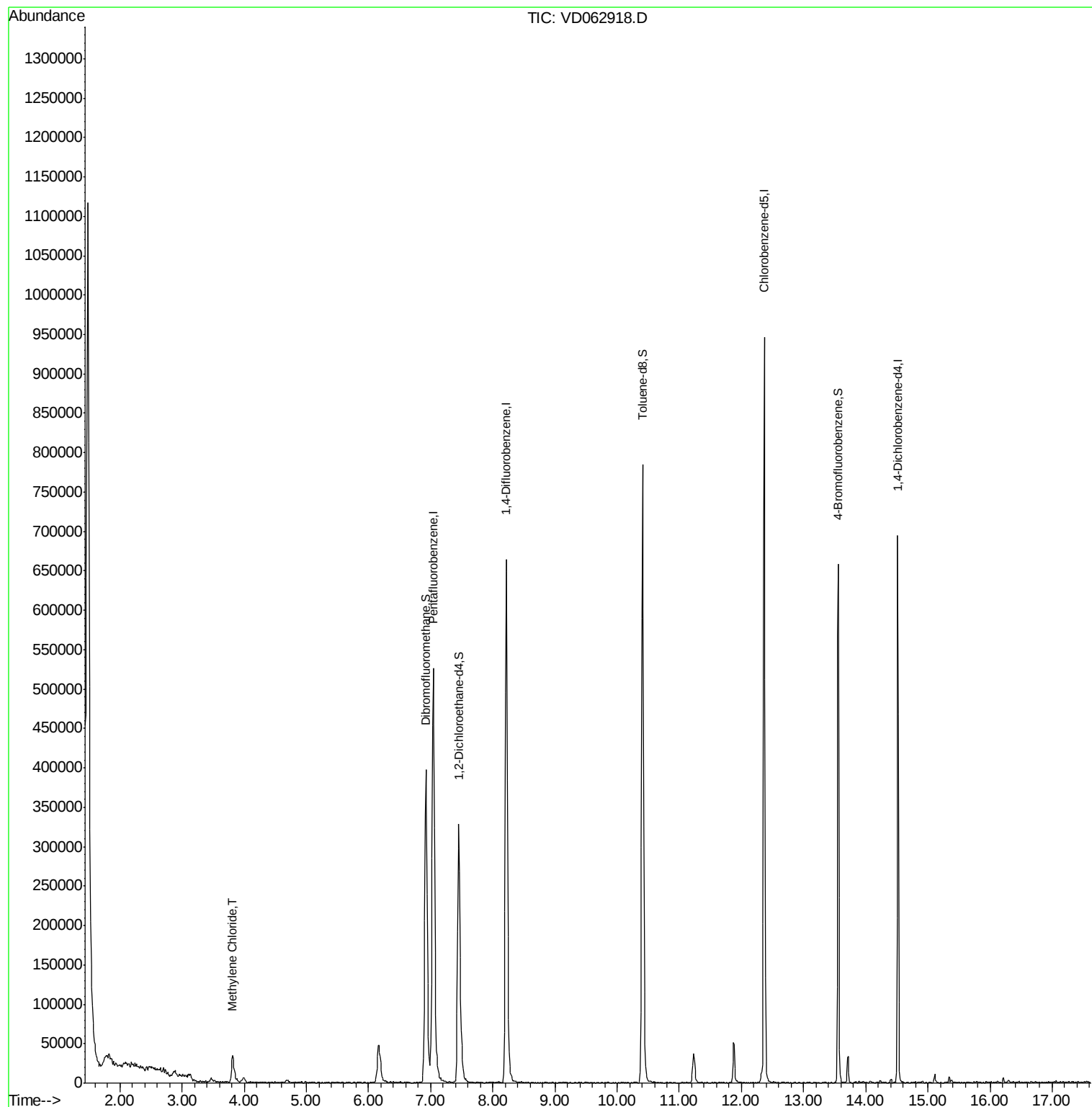
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	505463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	708059	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	480181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	148064	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	365620	66.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.10%	
35) Dibromofluoromethane	6.92	113	350895	58.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.54%	
50) Toluene-d8	10.41	98	617736	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
62) 4-Bromofluorobenzene	13.56	95	195763	33.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.26%	
Target Compounds						
20) Methylene Chloride	3.81	84	24833	5.926	ug/l #	91

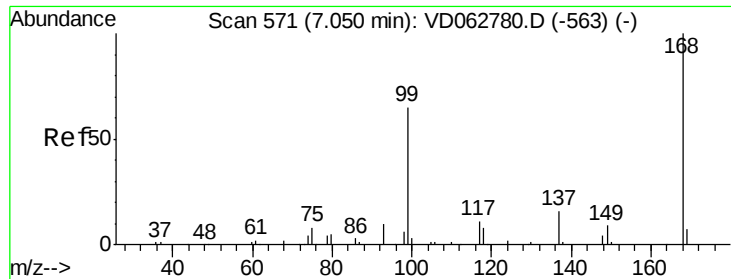
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 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: VD062918.D

Acq: 26 Jun 2019 15:32

Instrument :

MSVOA_D

ClientSampleId :

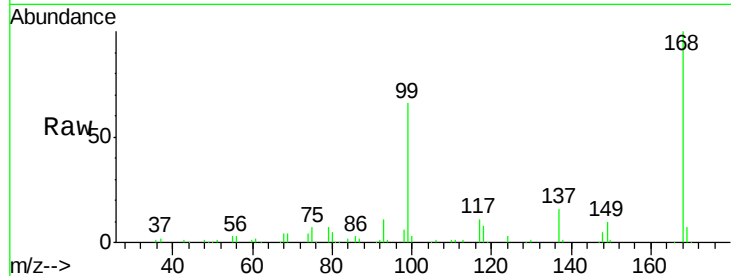
SB-01-4.0-4.5

Tot Ion:168 Resp: 505463

Ion Ratio Lower Upper

168 100

99 65.8 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

150000

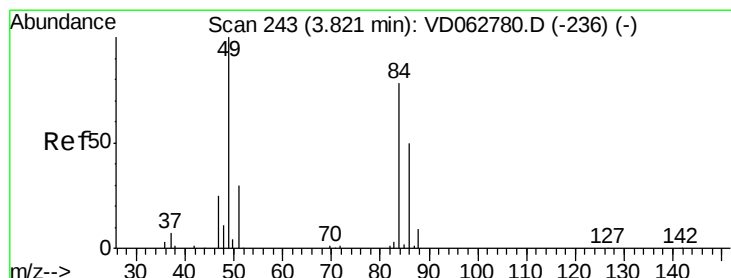
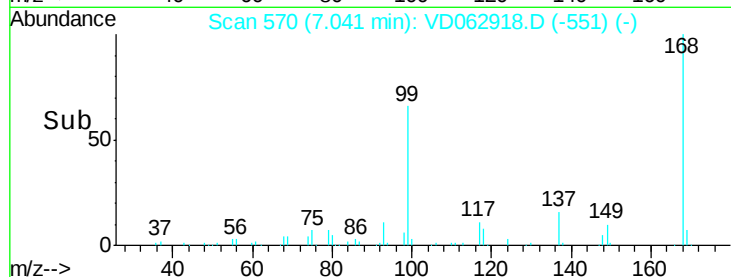
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#20

Methylene Chloride

Concen: 5.926 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD062918.D

Acq: 26 Jun 2019 15:32

Tgt Ion: 84 Resp: 24833

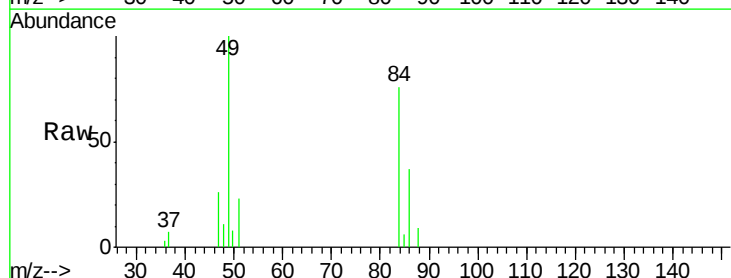
Ion Ratio Lower Upper

84 100

49 131.2 102.9 154.3

51 30.0 31.2 46.8#

86 48.6 51.4 77.2#



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

15000

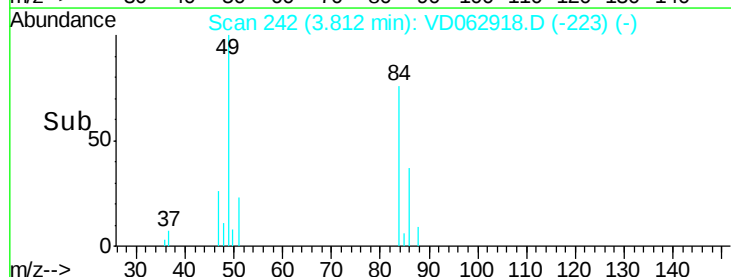
10000

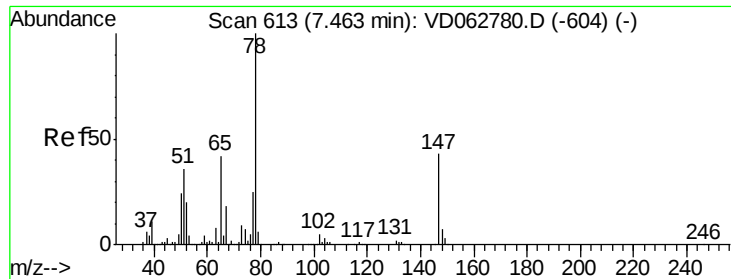
5000

0

Time-->

3.70 3.80 3.90





#33

1,2-Dichloroethane-d4

Concen: 66.545 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062918.D

Acq: 26 Jun 2019 15:32

Instrument :

MSVOA_D

ClientSampleId :

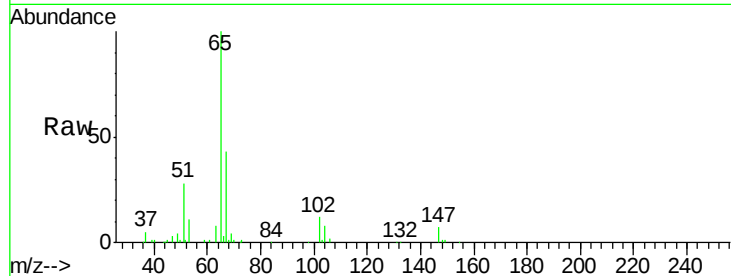
SB-01-4.0-4.5

Tot Ion: 65 Resp: 365620

Ion Ratio Lower Upper

65 100

67 43.0 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

150000

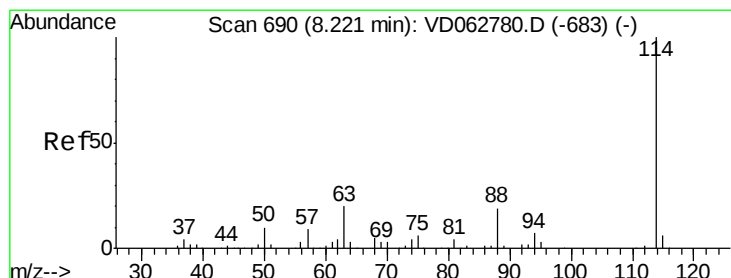
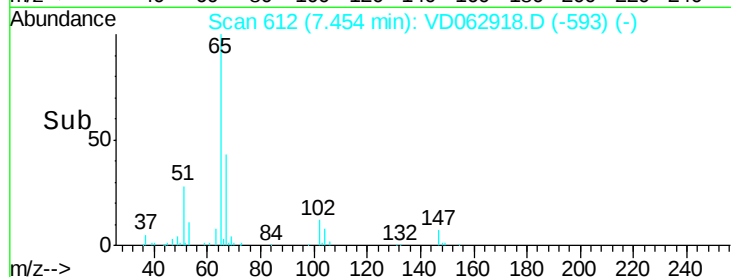
100000

50000

0

Time-->

7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD062918.D

Acq: 26 Jun 2019 15:32

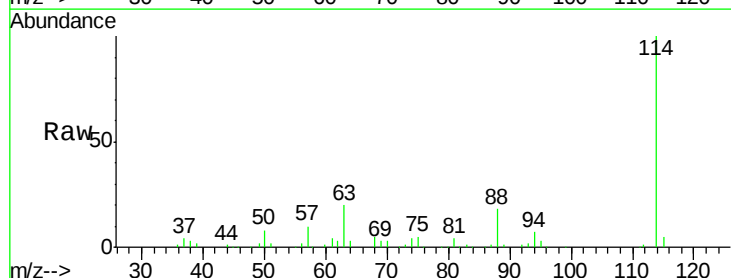
Tgt Ion: 114 Resp: 708059

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.0

88 17.6 0.0 38.8



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

8.21

300000

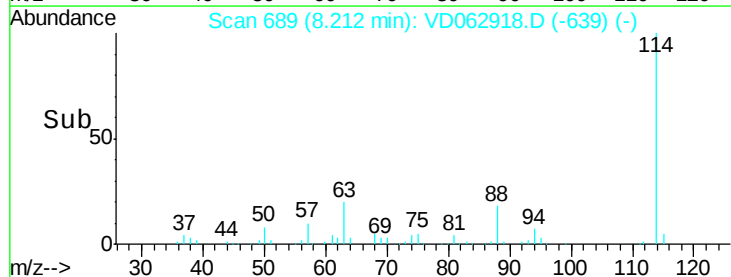
200000

100000

0

Time-->

8.10 8.20 8.30 8.40





#35

Dibromofluoromethane

Concen: 58.773 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD062918.D

Acq: 26 Jun 2019 15:32

Instrument :

MSVOA_D

ClientSampleId :

SB-01-4.0-4.5

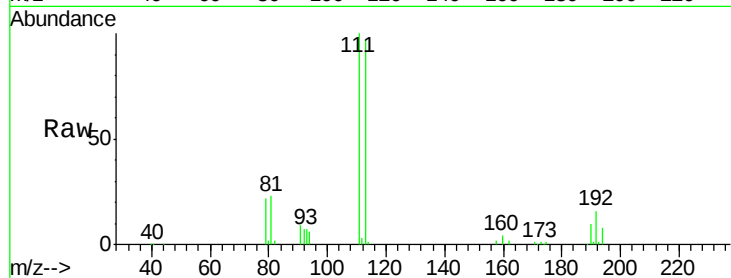
Tot Ion:113 Resp: 350895

Ion Ratio Lower Upper

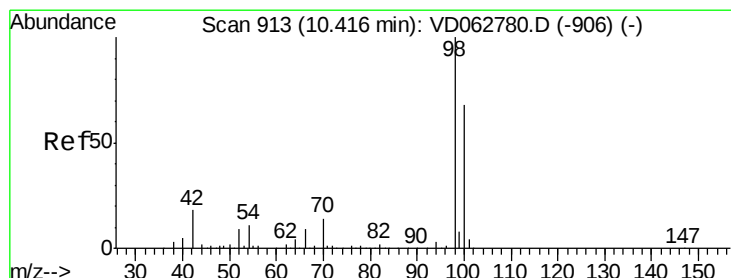
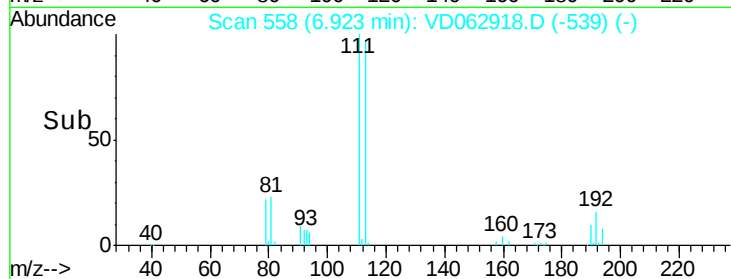
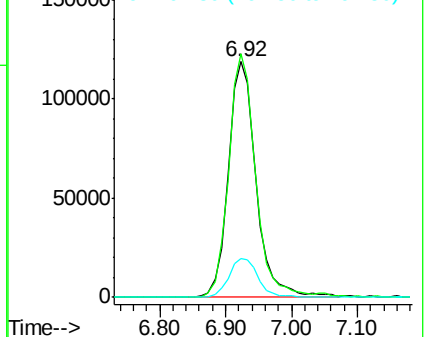
113 100

111 103.5 81.2 121.8

192 16.2 12.9 19.3



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: 47.539 ug/l

RT: 10.41 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD062918.D

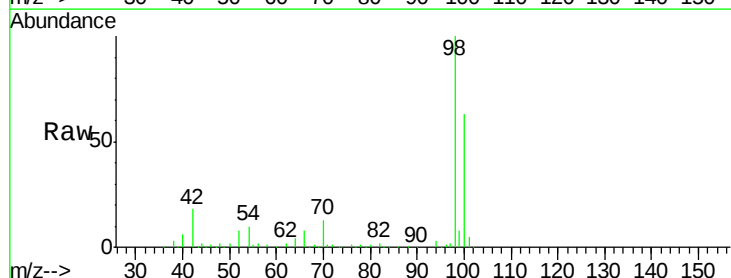
Acq: 26 Jun 2019 15:32

Tgt Ion: 98 Resp: 617736

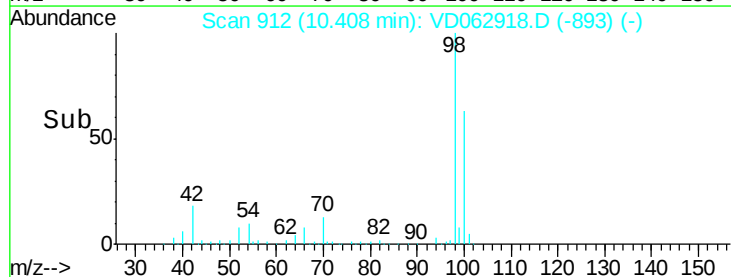
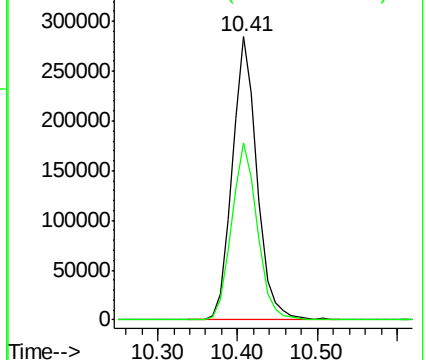
Ion Ratio Lower Upper

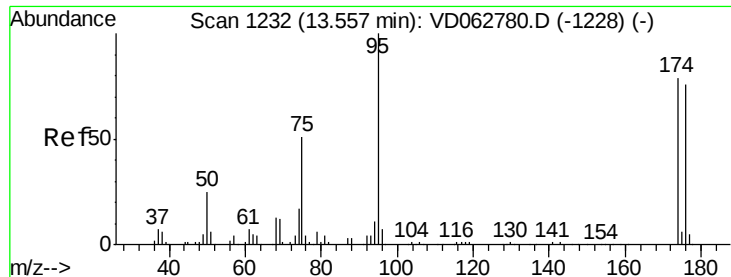
98 100

100 62.8 54.7 82.1



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





#62

4-Bromofluorobenzene

Concen: 33.132 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062918.D

Acq: 26 Jun 2019 15:32

Instrument :

MSVOA_D

ClientSampleId :

SB-01-4.0-4.5

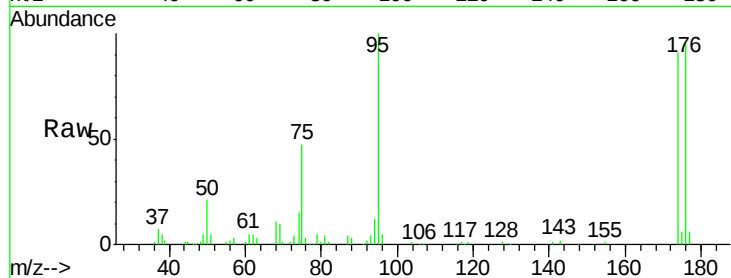
Tot Ion: 95 Resp: 195763

Ion Ratio Lower Upper

95 100

174 90.8 0.0 158.0

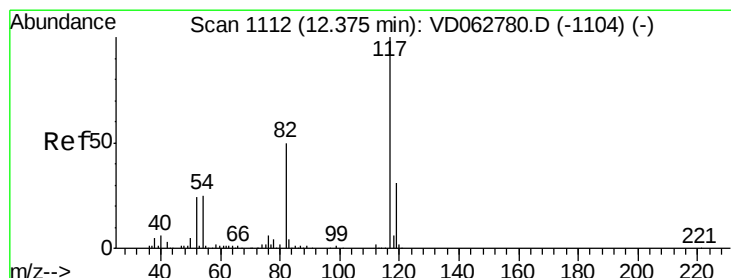
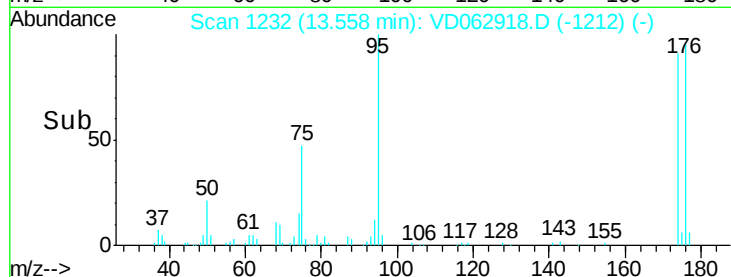
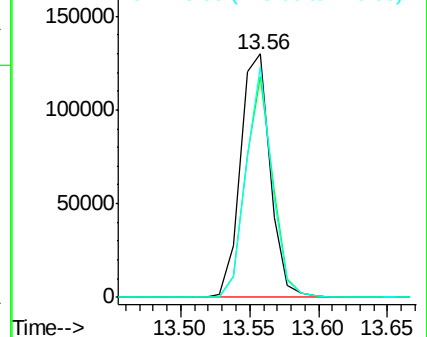
176 94.7 0.0 151.6



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. -0.01 min

Lab File: VD062918.D

Acq: 26 Jun 2019 15:32

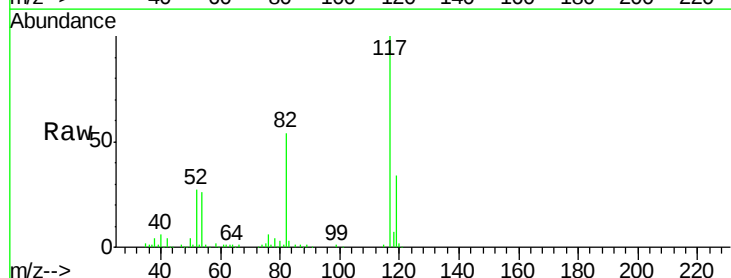
Tgt Ion: 117 Resp: 480181

Ion Ratio Lower Upper

117 100

82 54.0 40.4 60.6

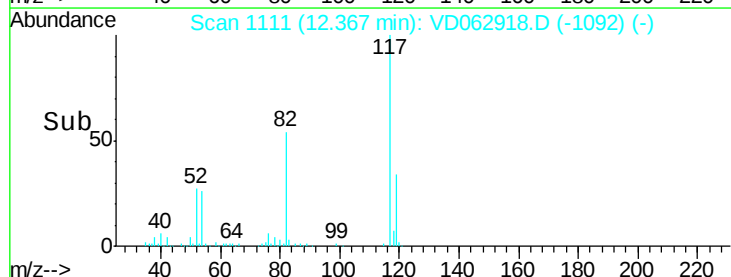
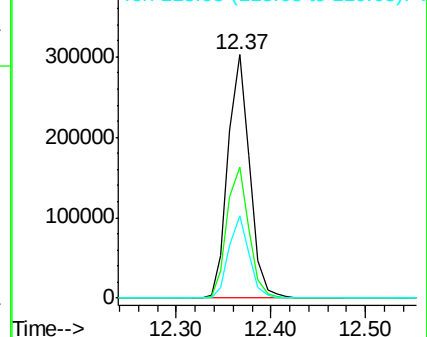
119 33.8 25.2 37.8

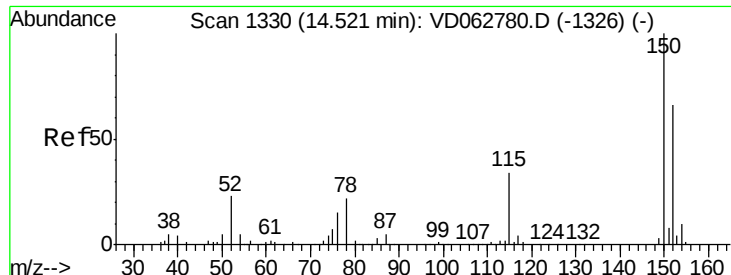


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

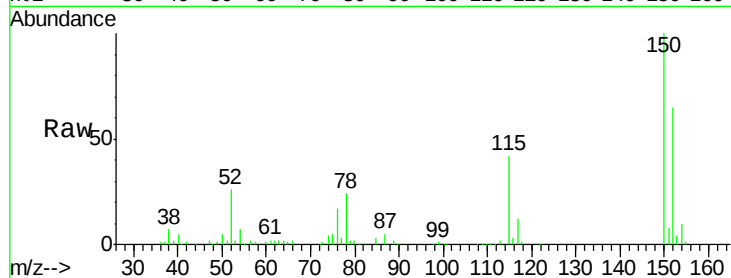




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: VD062918.D
 Acq: 26 Jun 2019 15:32

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-4.0-4.5

Tot Ion:152 Resp: 148064
 Ion Ratio Lower Upper
 152 100
 115 64.5 29.2 87.6
 150 155.0 0.0 305.8



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

