

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041719\
 Data File : VD061846.D
 Acq On : 17 Apr 2019 11:58
 Operator : VA/AP
 Sample : VD0417SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0417SBL01

Quant Time: Apr 17 15:42:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:53:01 2019
 Response via : Initial Calibration

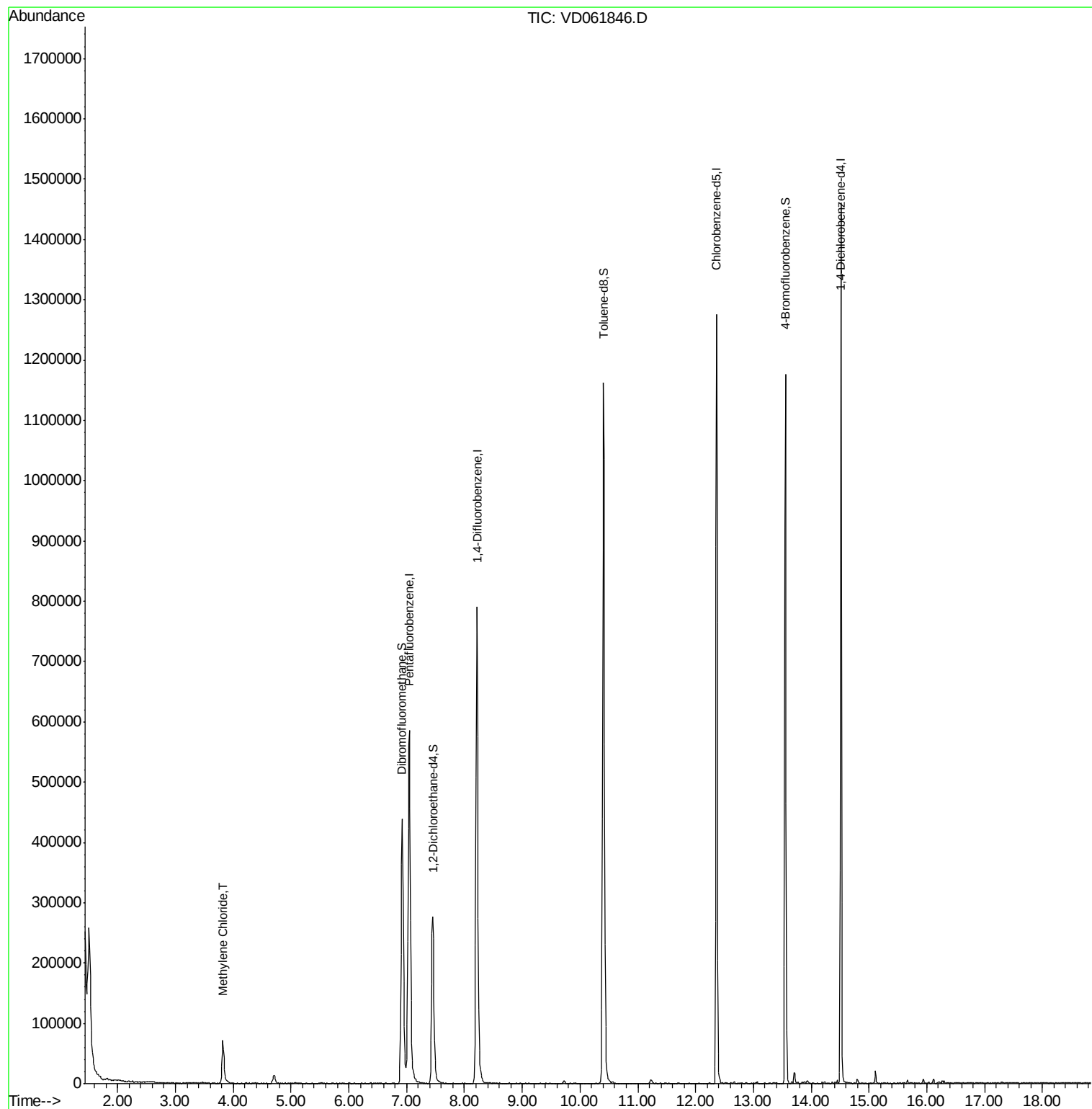
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	627250	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.22	114	978886	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.36	117	766473	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.51	152	361934	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	298296	56.74	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	113.48%	
35) Dibromofluoromethane	6.92	113	436227	58.99	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	117.98%	
50) Toluene-d8	10.40	98	1053939	60.15	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	120.30%	
62) 4-Bromofluorobenzene	13.55	95	379510	53.43	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	106.86%	
Target Compounds						
20) Methylene Chloride	3.82	84	52578	3.938	ug/l	Qvalue 96

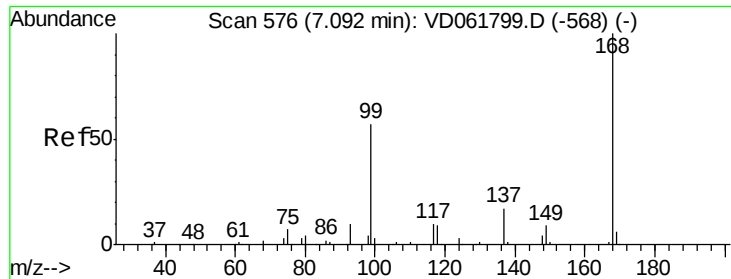
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.04 min

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MSVOA_D

ClientSampleId :

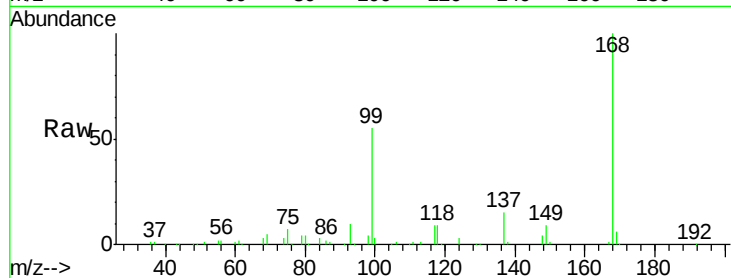
VD0417SBL01

Tot Ion:168 Resp: 627250

Ion Ratio Lower Upper

168 100

99 55.0 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

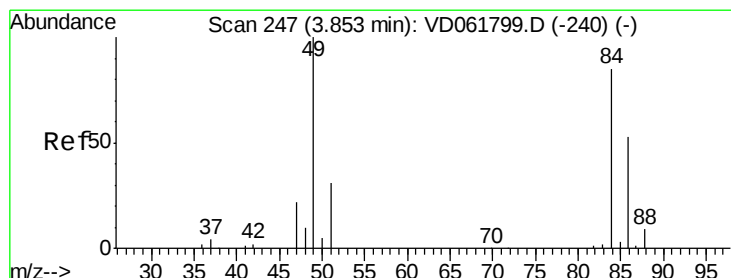
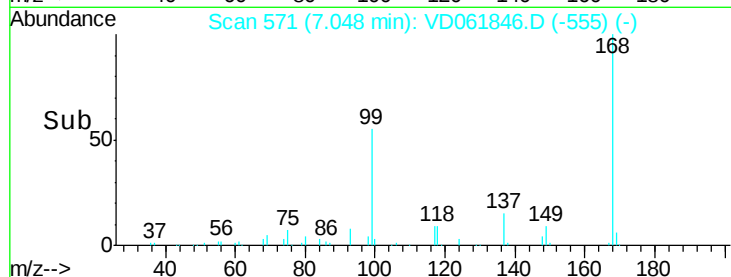
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 3.938 ug/l

RT: 3.82 min Scan# 243

Delta R.T. -0.03 min

Lab File: VD061846.D

Acq: 17 Apr 2019 11:58

Tgt Ion: 84 Resp: 52578

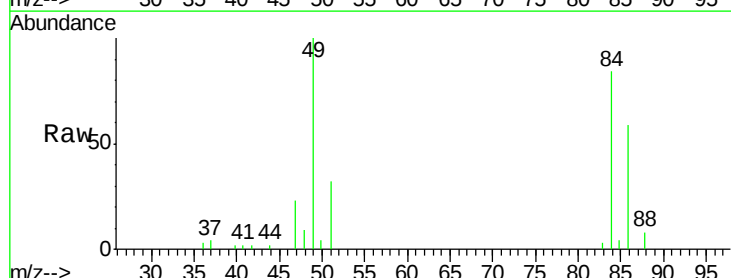
Ion Ratio Lower Upper

84 100

49 118.8 94.0 141.0

51 38.3 29.0 43.4

86 70.2 49.8 74.6



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

30000

25000

20000

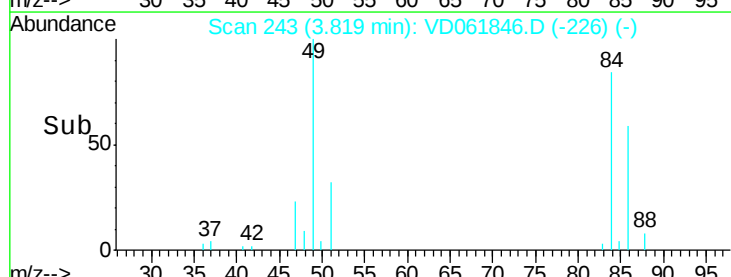
15000

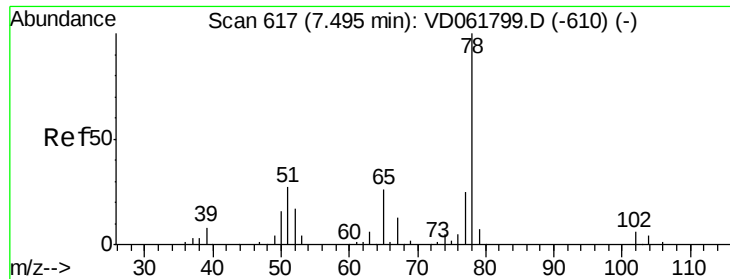
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.04 min

Lab File: VD061846.D

Acq: 17 Apr 2019 11:58

Instrument :

MSVOA_D

ClientSampleId :

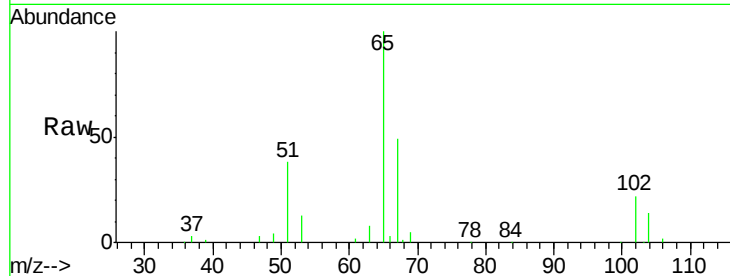
VD0417SBL01

Tot Ion: 65 Resp: 298296

Ion Ratio Lower Upper

65 100

67 49.5 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

100000

80000

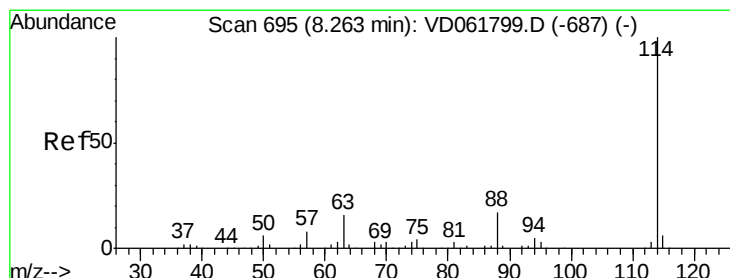
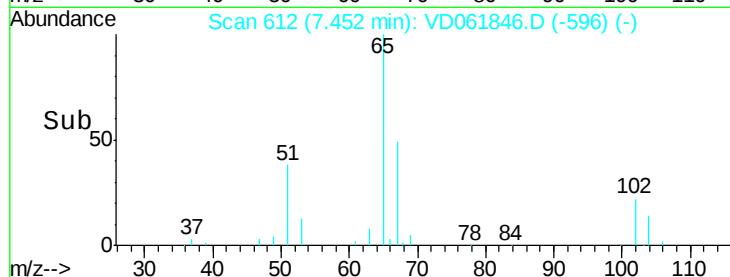
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.04 min

Lab File: VD061846.D

Acq: 17 Apr 2019 11:58

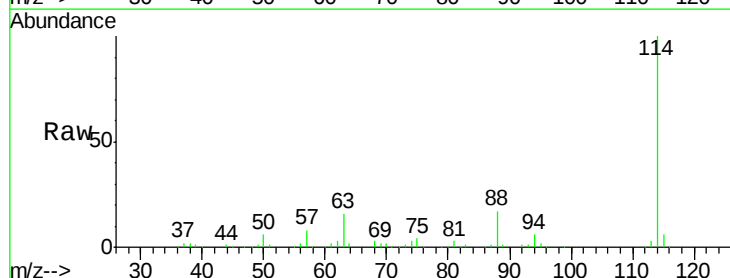
Tgt Ion: 114 Resp: 978886

Ion Ratio Lower Upper

114 100

63 16.3 0.0 32.4

88 16.7 0.0 33.6



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

8.22

500000

400000

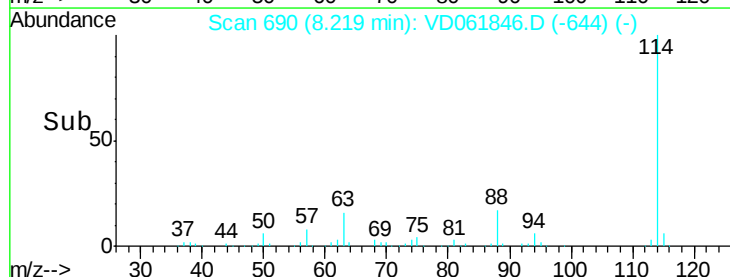
300000

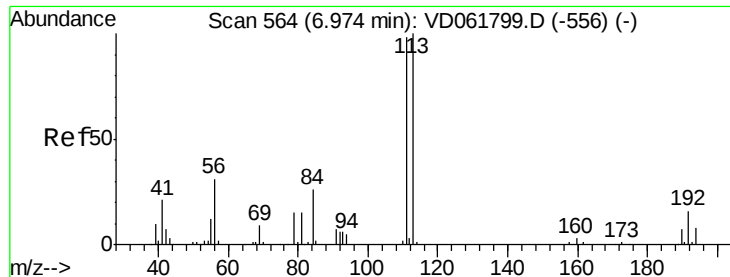
200000

100000

0

Time--> 8.00 8.20 8.40





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.05 min

Lab File: VD061846.D

Acq: 17 Apr 2019 11:58

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBL01

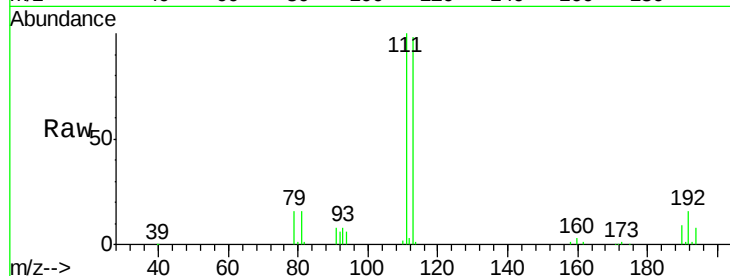
Tot Ion:113 Resp: 436227

Ion Ratio Lower Upper

113 100

111 102.4 78.5 117.7

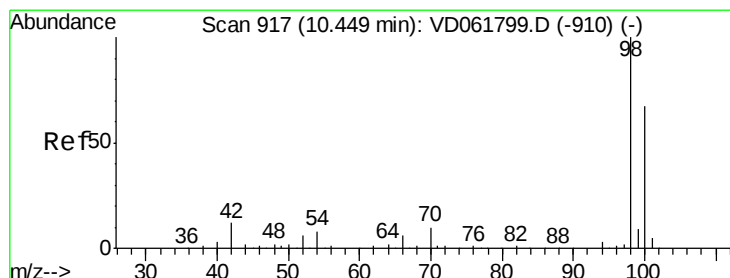
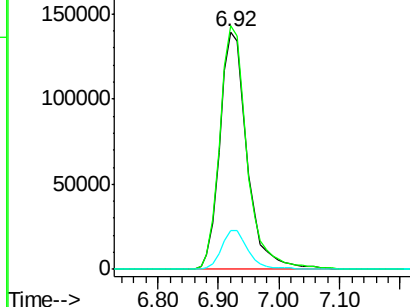
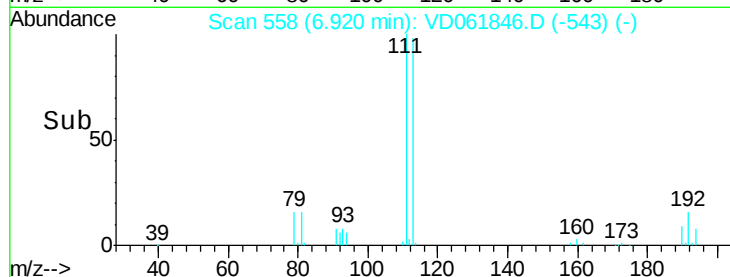
192 16.4 13.0 19.4



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: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.04 min

Lab File: VD061846.D

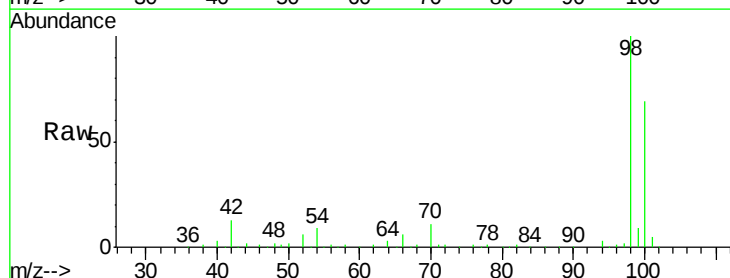
Acq: 17 Apr 2019 11:58

Tgt Ion: 98 Resp: 1053939

Ion Ratio Lower Upper

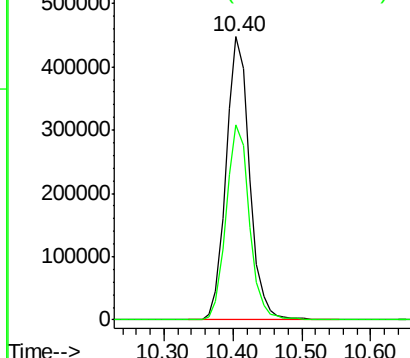
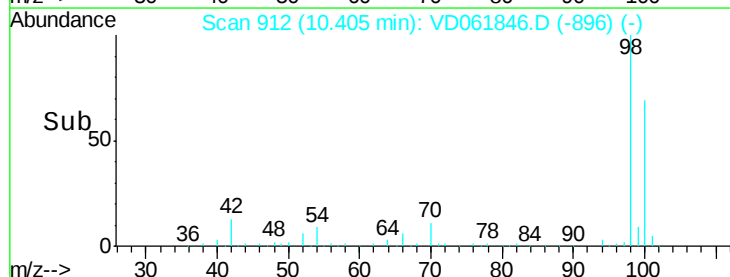
98 100

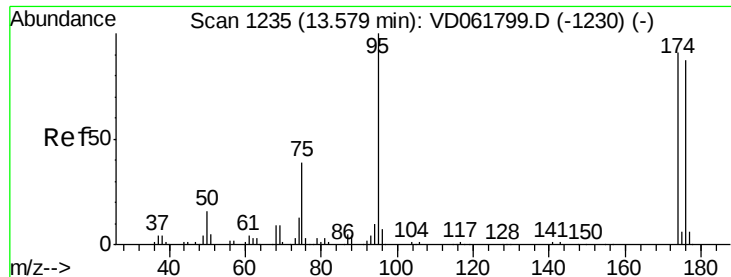
100 68.8 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.02 min

Lab File: VD061846.D

Acq: 17 Apr 2019 11:58

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBL01

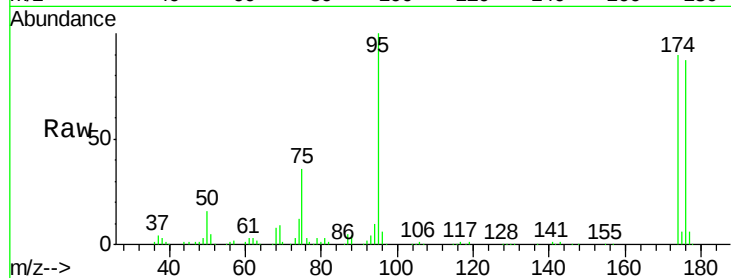
Tot Ion: 95 Resp: 379510

Ion Ratio Lower Upper

95 100

174 89.5 0.0 181.8

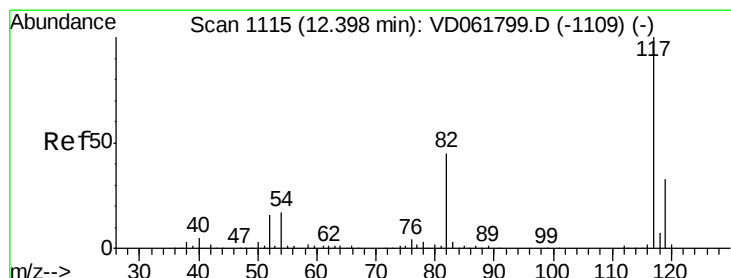
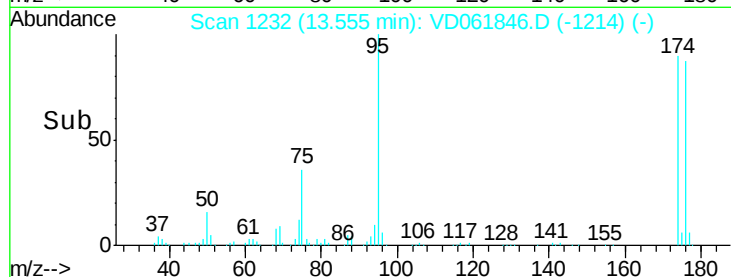
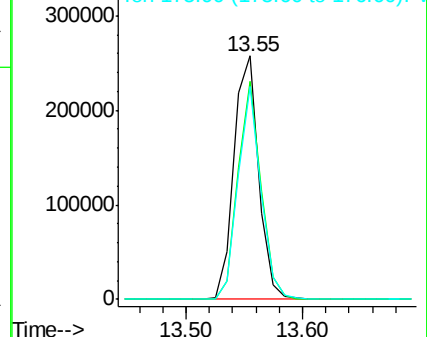
176 87.3 0.0 174.4



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: 12.36 min Scan# 1111

Delta R.T. -0.03 min

Lab File: VD061846.D

Acq: 17 Apr 2019 11:58

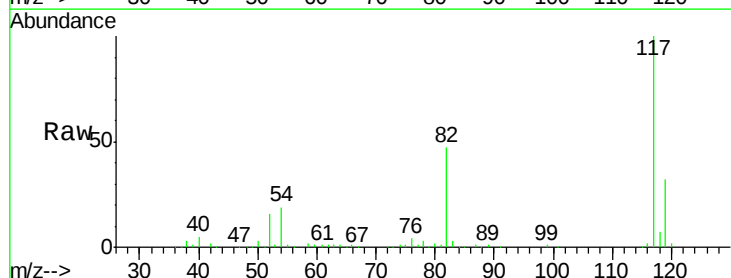
Tgt Ion: 117 Resp: 766473

Ion Ratio Lower Upper

117 100

82 46.8 36.2 54.2

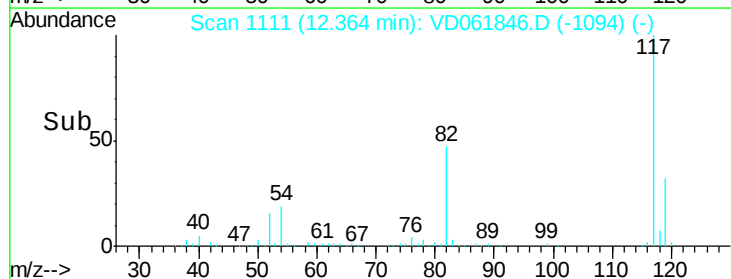
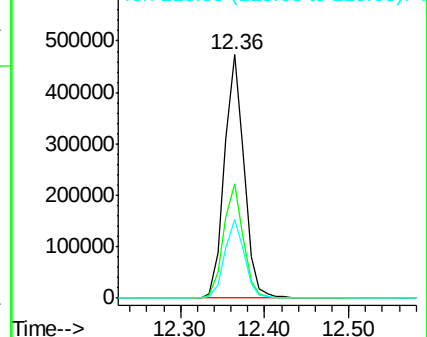
119 32.1 26.2 39.4

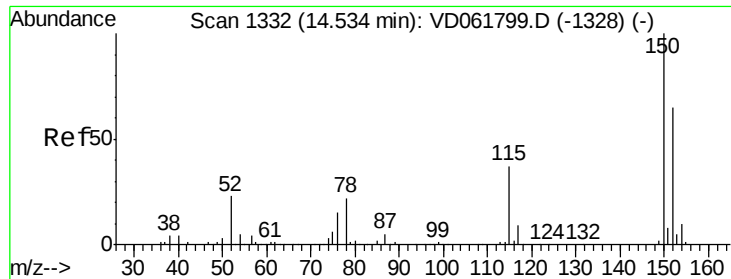


Abundance Ion 116.95 (116.65 to 117.65): V

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. -0.02 min

Lab File: VD061846.D

Acq: 17 Apr 2019 11:58

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBL01

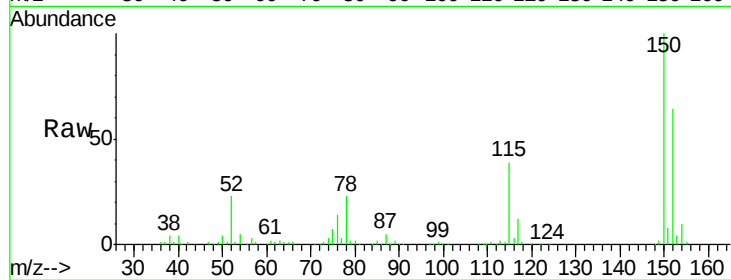
Tot Ion:152 Resp: 361934

Ion Ratio Lower Upper

152 100

115 61.4 30.9 92.7

150 156.7 0.0 314.8



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

