

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061819\
 Data File : VD062751.D
 Acq On : 18 Jun 2019 15:58
 Operator : VA/AP
 Sample : K3419-06
 Misc : 6.37g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-C

Quant Time: Jun 19 06:29:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

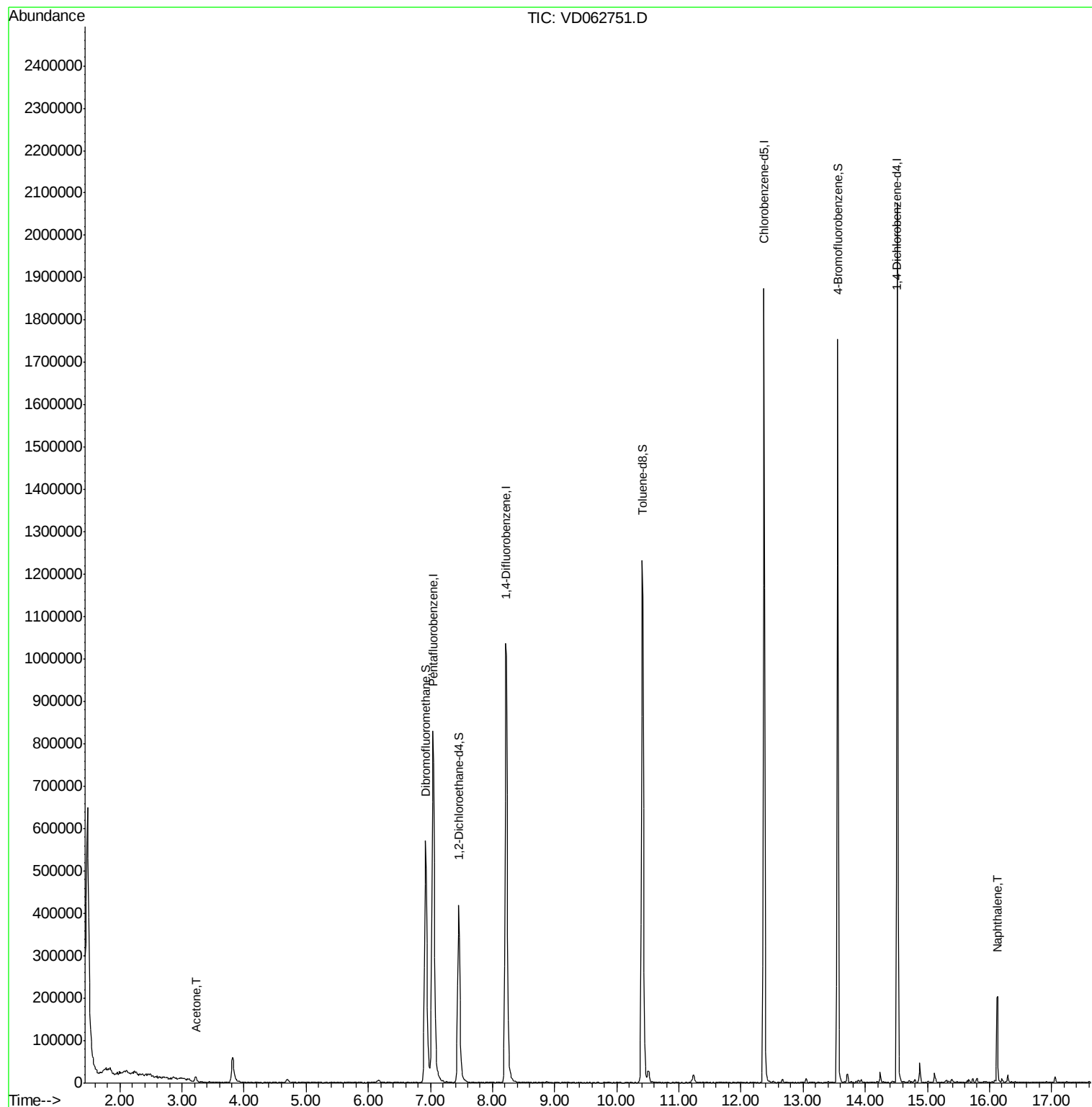
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	790275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1116533	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	936851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	491473	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	470643	41.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.54%	
35) Dibromofluoromethane	6.92	113	501457	42.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.18%	
50) Toluene-d8	10.41	98	1025323	41.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.78%	
62) 4-Bromofluorobenzene	13.56	95	482659	41.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.52%	
Target Compounds						
16) Acetone	3.22	43	24268	11.622	ug/l #	78
95) Naphthalene	16.13	128	138141	10.661	ug/l	99

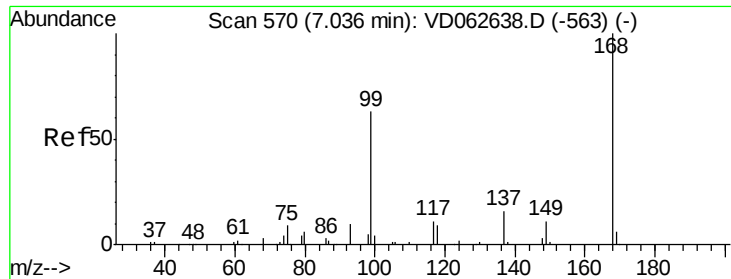
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.01 min

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MSVOA_D

ClientSampleId :

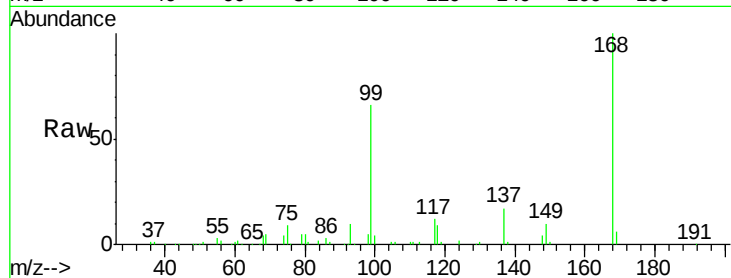
TP-C

Tot Ion:168 Resp: 790275

Ion Ratio Lower Upper

168 100

99 65.6 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

300000

250000

200000

150000

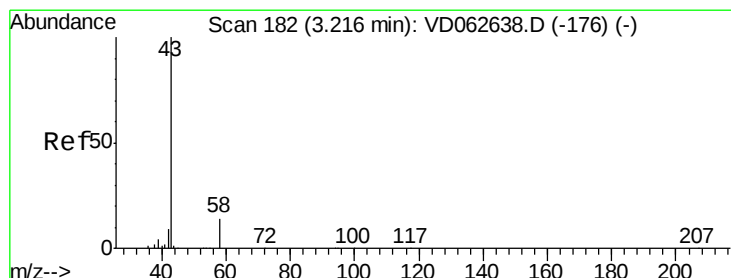
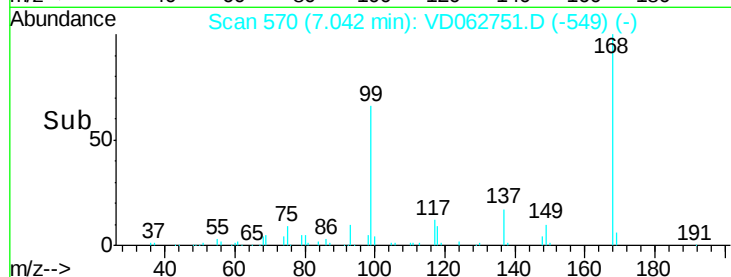
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 11.622 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.01 min

Lab File: VD062751.D

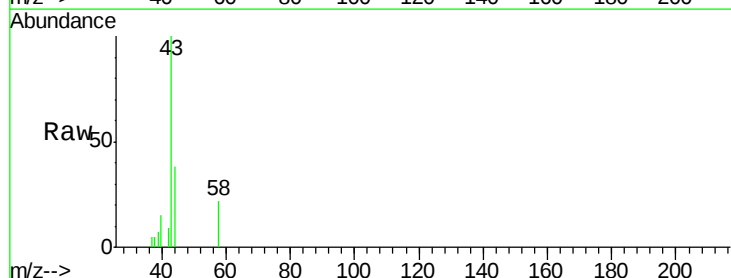
Acq: 18 Jun 2019 15:58

Tgt Ion: 43 Resp: 24268

Ion Ratio Lower Upper

43 100

58 22.2 10.8 16.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

8000

6000

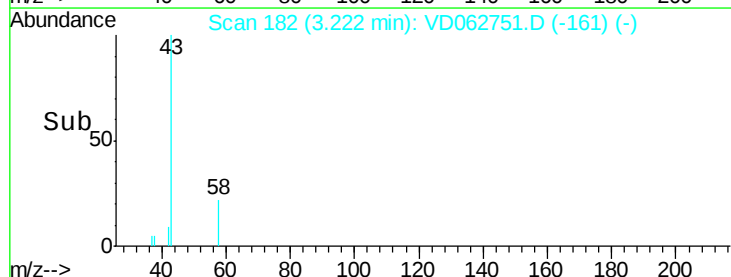
4000

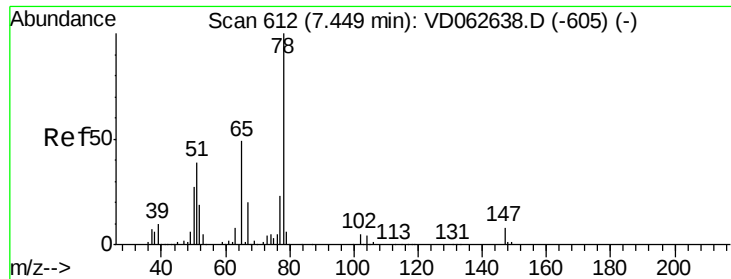
2000

0

Time-->

3.10 3.20 3.30





#33

1,2-Dichloroethane-d4

Concen: 41.271 ug/l

RT: 7.46 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD062751.D

Acq: 18 Jun 2019 15:58

Instrument :

MSVOA_D

ClientSampleId :

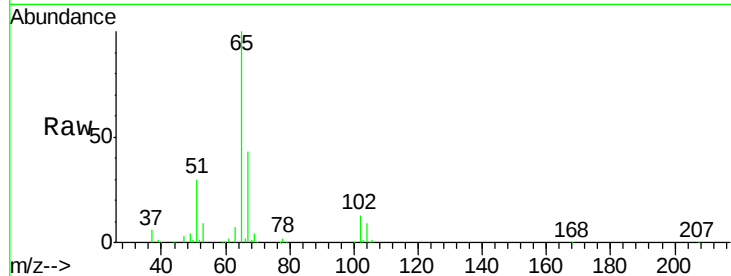
TP-C

Tot Ion: 65 Resp: 470643

Ion Ratio Lower Upper

65 100

67 43.3 0.0 81.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

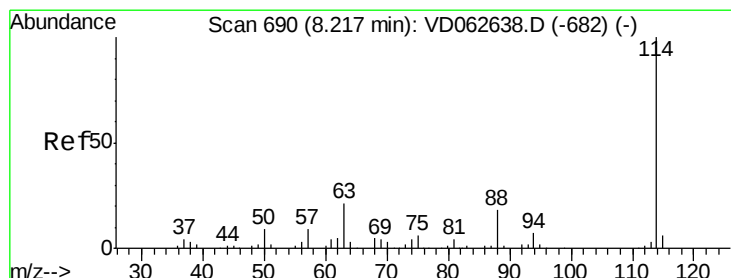
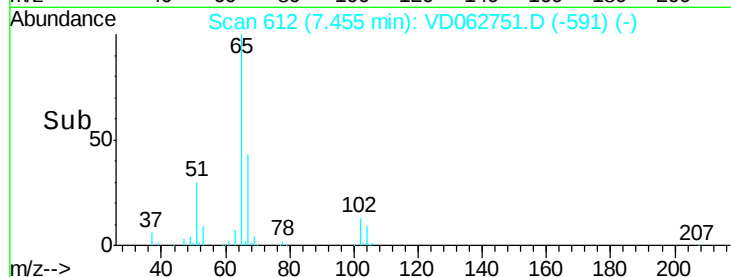
150000

100000

50000

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. 0.01 min

Lab File: VD062751.D

Acq: 18 Jun 2019 15:58

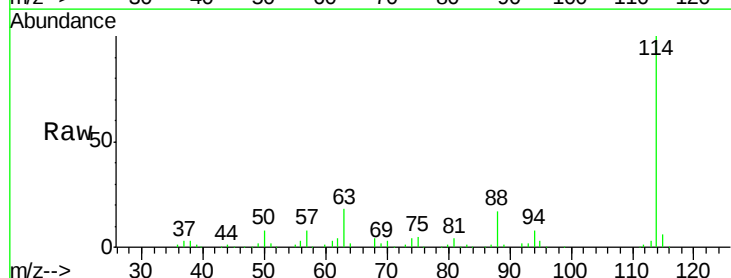
Tgt Ion: 114 Resp: 1116533

Ion Ratio Lower Upper

114 100

63 17.8 0.0 42.4

88 17.2 0.0 36.8



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

8.22

600000

500000

400000

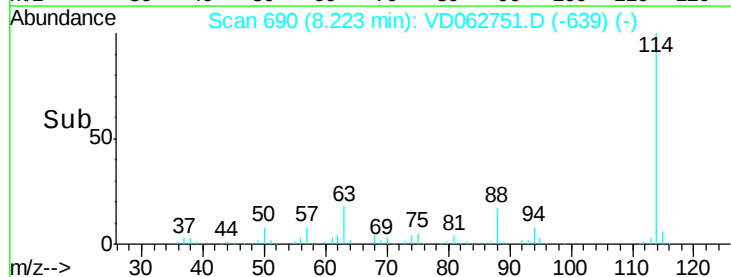
300000

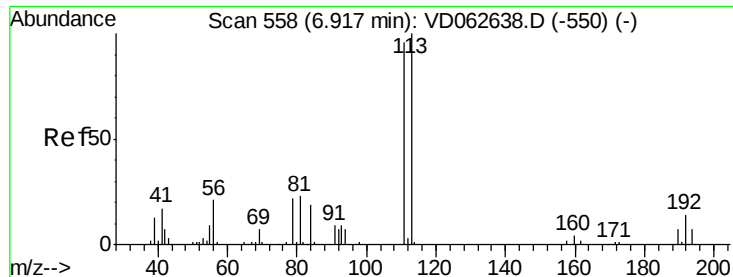
200000

100000

0

Time--> 8.10 8.20 8.30 8.40

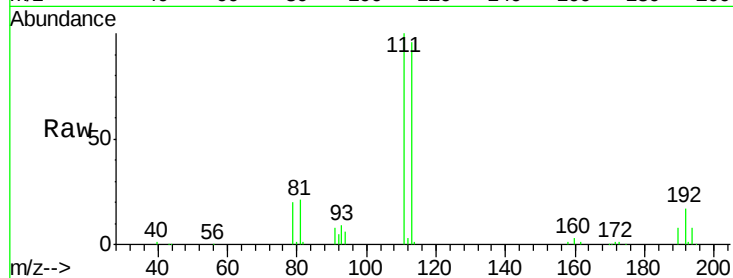




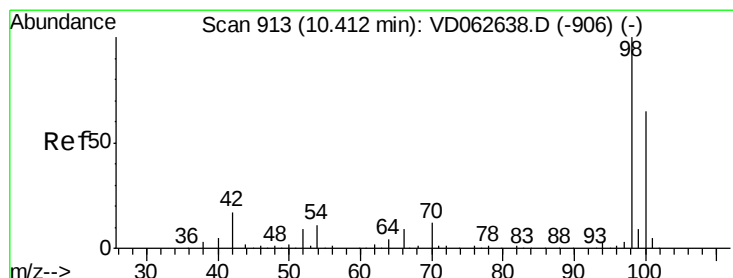
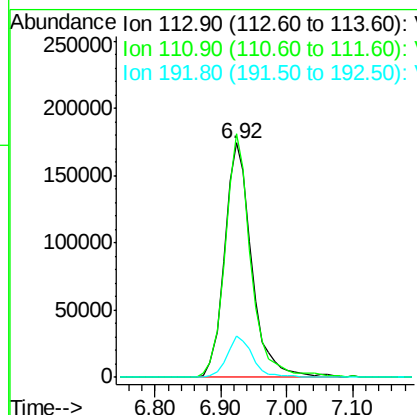
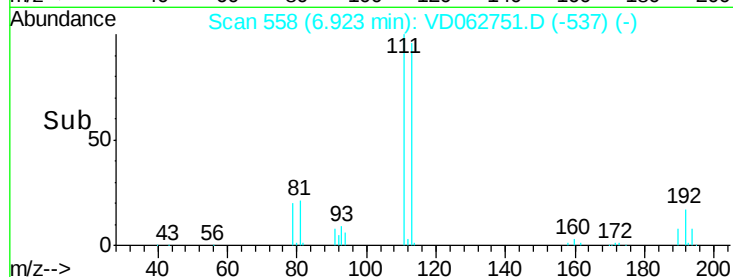
#35
 Dibromofluoromethane
 Concen: 42.585 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD062751.D
 Acq: 18 Jun 2019 15:58

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-C

Tot Ion:113 Resp: 501457
 Ion Ratio Lower Upper
 113 100
 111 104.0 76.4 114.6
 192 17.4 11.4 17.0#

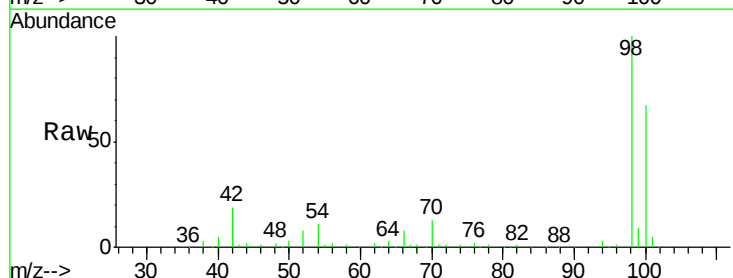


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

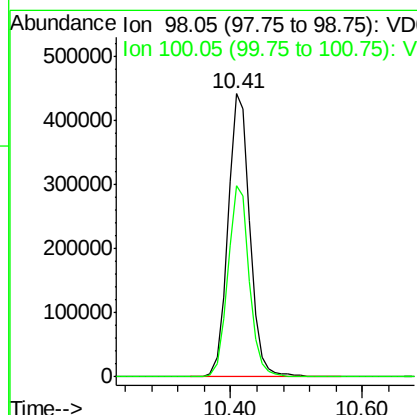
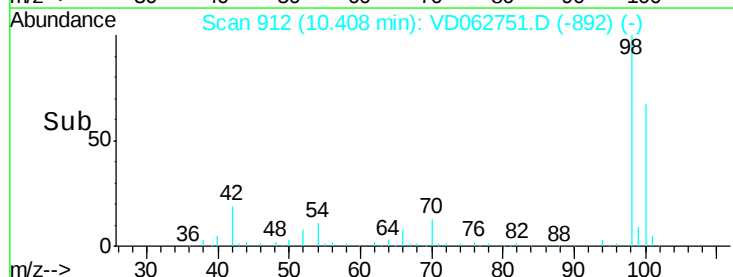


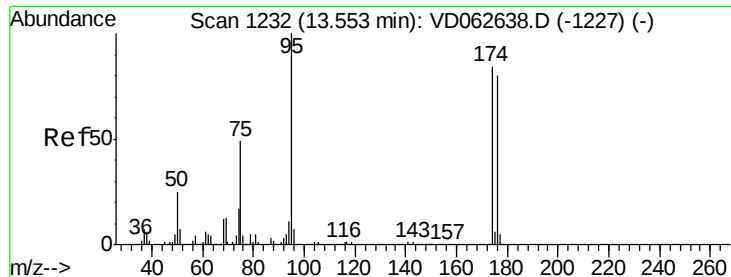
#50
 Toluene-d8
 Concen: 41.392 ug/l
 RT: 10.41 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: VD062751.D
 Acq: 18 Jun 2019 15:58

Tgt Ion: 98 Resp: 1025323
 Ion Ratio Lower Upper
 98 100
 100 67.4 52.1 78.1



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





#62

4-Bromofluorobenzene

Concen: 41.765 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD062751.D

Acq: 18 Jun 2019 15:58

Instrument :

MSVOA_D

ClientSampleId :

TP-C

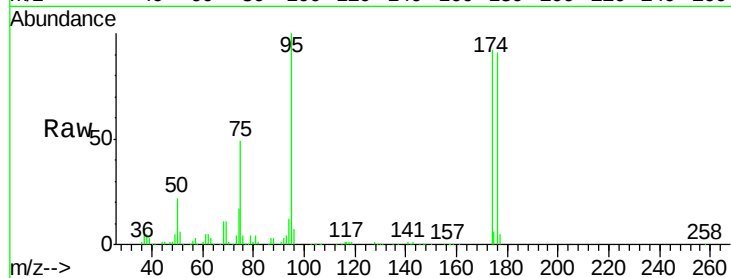
Tot Ion: 95 Resp: 482659

Ion Ratio Lower Upper

95 100

174 91.8 0.0 167.0

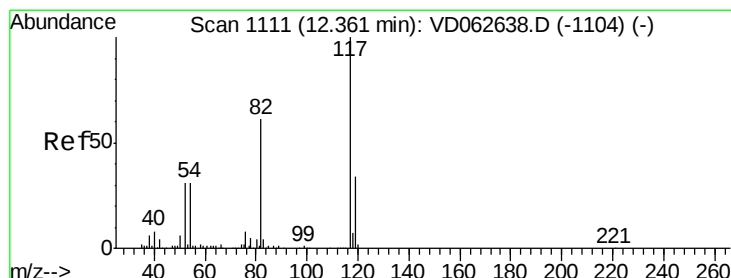
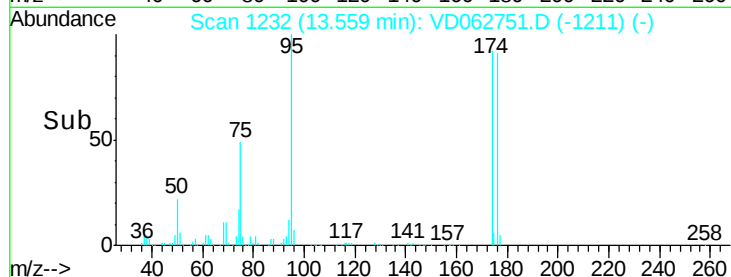
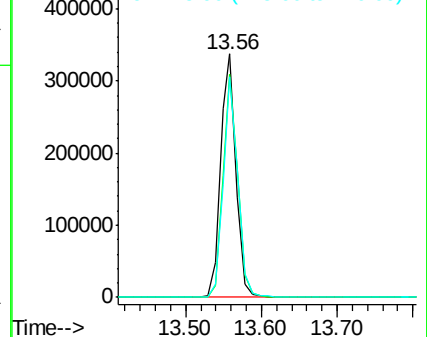
176 90.7 0.0 159.2



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: VD062751.D

Acq: 18 Jun 2019 15:58

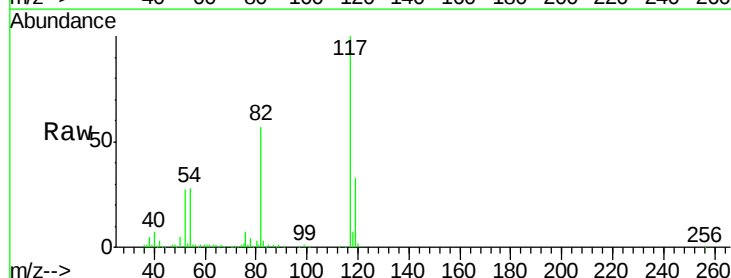
Tgt Ion: 117 Resp: 936851

Ion Ratio Lower Upper

117 100

82 56.8 48.7 73.1

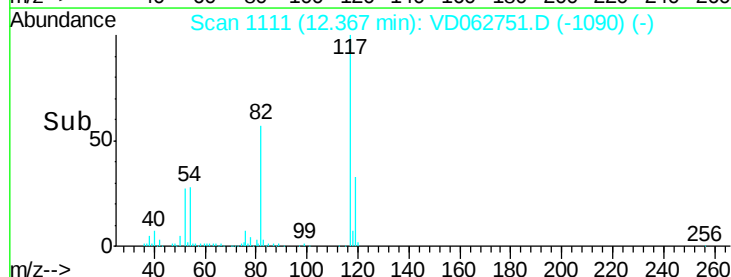
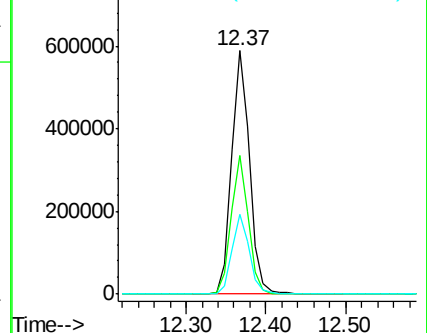
119 32.7 27.0 40.6

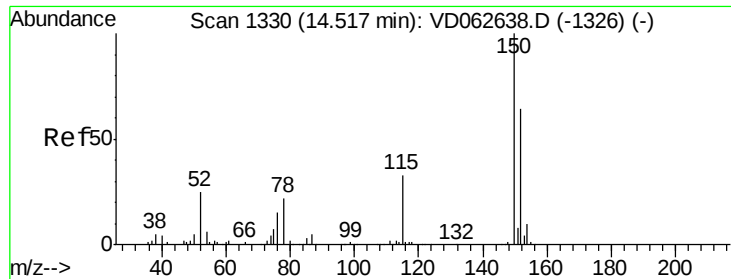


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.52 min Scan# 1330

Delta R.T. 0.01 min

Lab File: VD062751.D

Acq: 18 Jun 2019 15:58

Instrument :

MSVOA_D

ClientSampleId :

TP-C

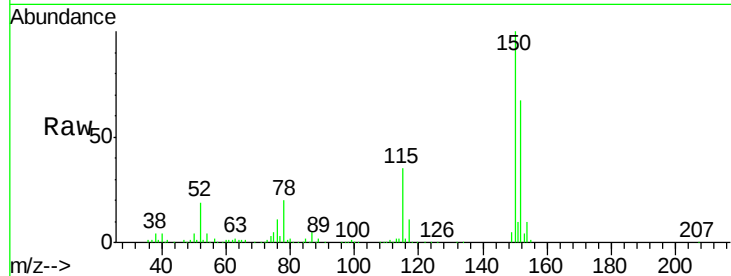
Tot Ion:152 Resp: 491473

Ion Ratio Lower Upper

152 100

115 52.1 30.1 90.5

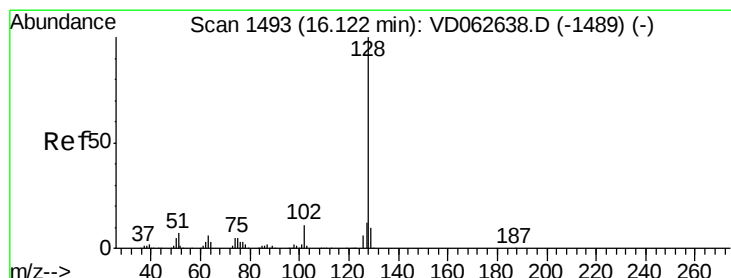
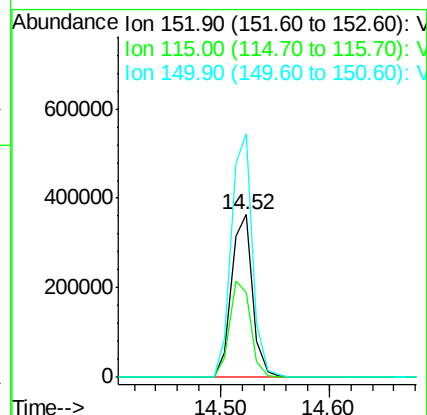
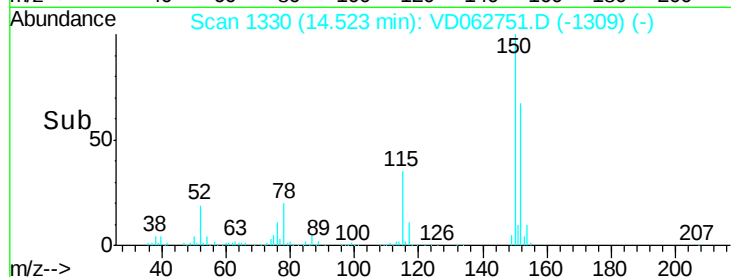
150 149.8 0.0 314.0



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



#95

Naphthalene

Concen: 10.661 ug/l

RT: 16.13 min Scan# 1493

Delta R.T. 0.01 min

Lab File: VD062751.D

Acq: 18 Jun 2019 15:58

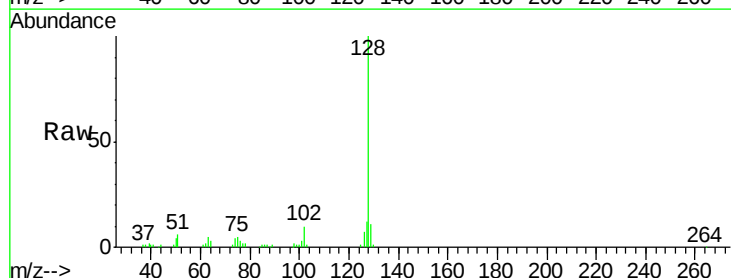
Tgt Ion:128 Resp: 138141

Ion Ratio Lower Upper

128 100

127 12.1 9.7 14.5

129 10.9 8.1 12.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

