

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060419\
 Data File : VD062603.D
 Acq On : 4 Jun 2019 17:32
 Operator : FY/SY
 Sample : K3183-05
 Misc : 5.25g/5mL/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Jun 05 04:14:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 2019
 Response via : Initial Calibration

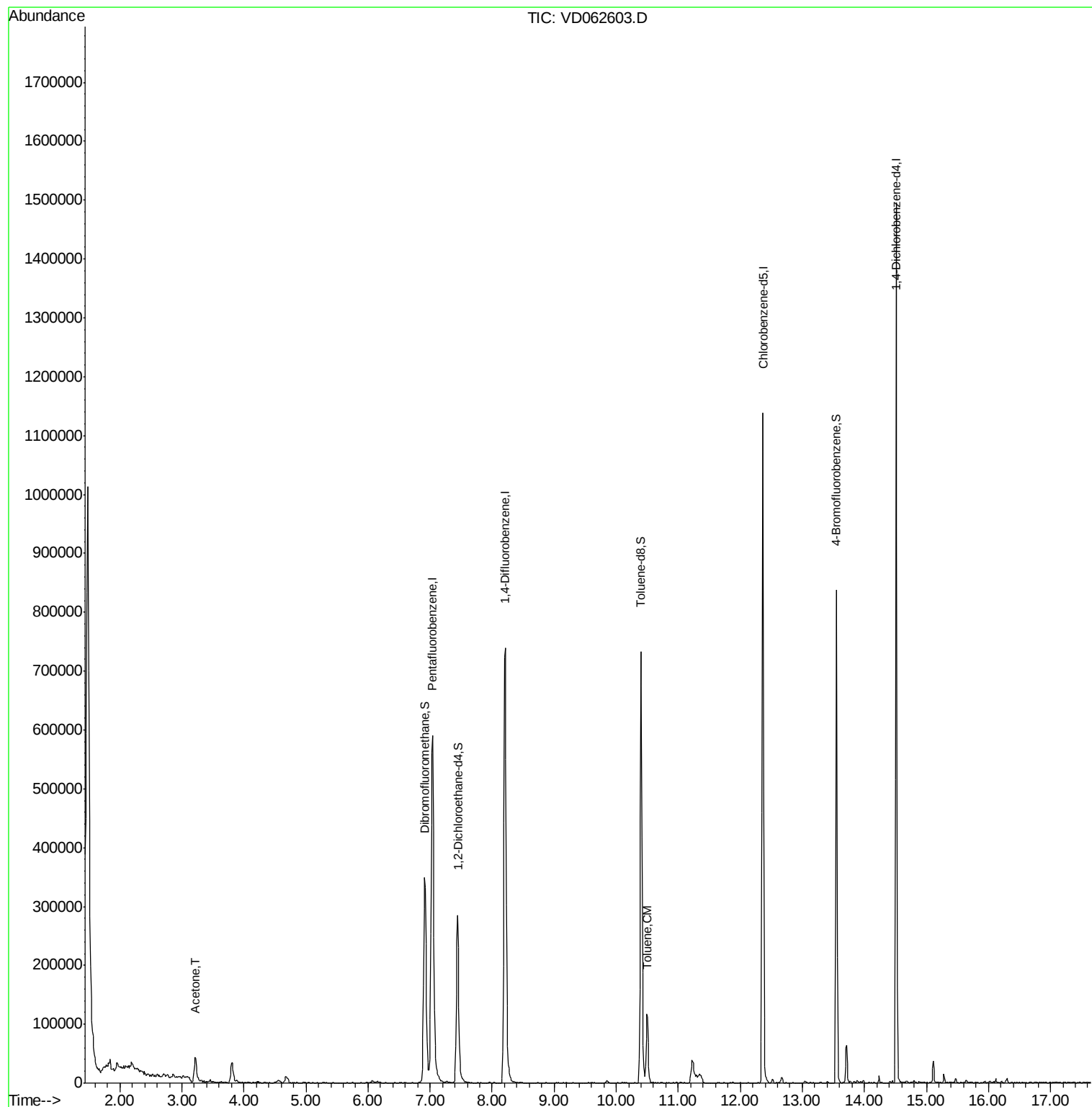
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	561863	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.21	114	801392	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	628746	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	303466	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	322782	49.00	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	98.00%	
35) Dibromofluoromethane	6.91	113	315834	43.25	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	86.50%	
50) Toluene-d8	10.40	98	574414	35.90	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	71.80%	
62) 4-Bromofluorobenzene	13.55	95	248173	34.39	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	68.78%	
Target Compounds						
16) Acetone	3.21	43	85207	65.827	ug/l	95
52) Toluene	10.51	92	53767	5.035	ug/l	98

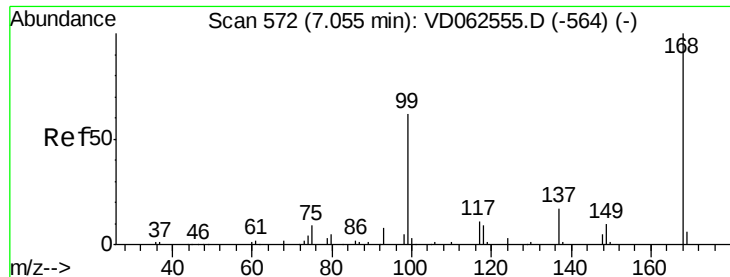
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 31 02:08:29 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD062603.D

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Instrument :

MSVOA_D

ClientSampleId :

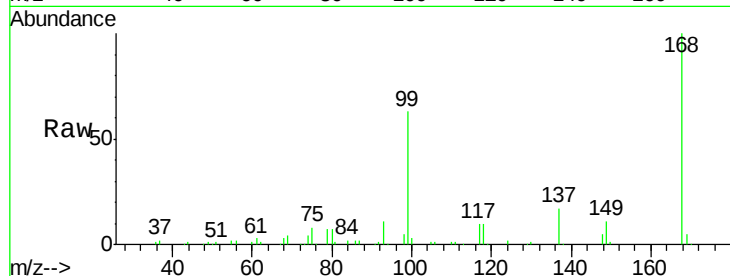
TP-1

Tot Ion:168 Resp: 561863

Ion Ratio Lower Upper

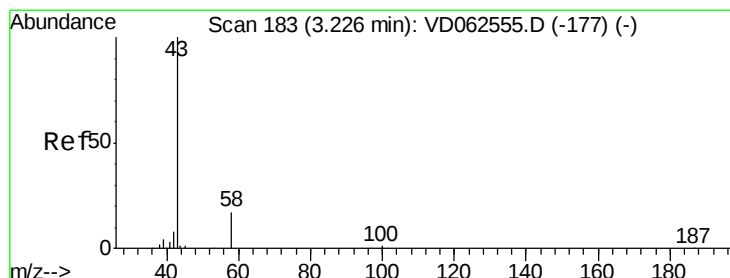
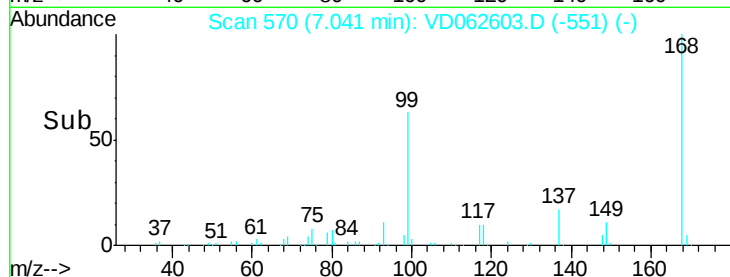
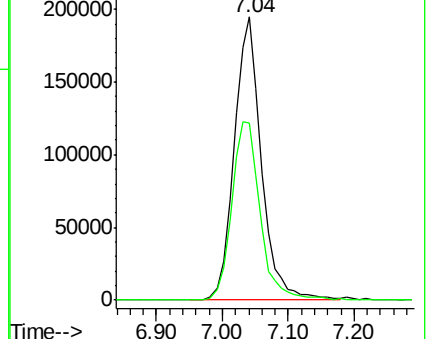
168 100

99 62.7 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 65.827 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD062603.D

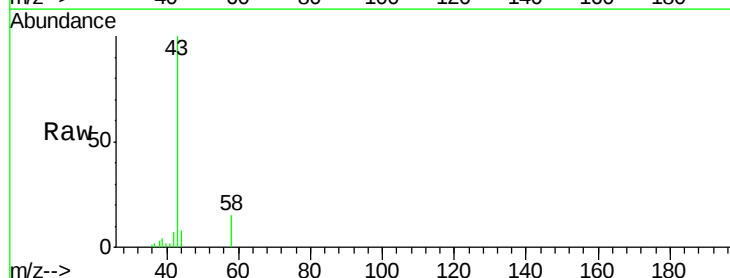
Acq: 4 Jun 2019 17:32

Tgt Ion: 43 Resp: 85207

Ion Ratio Lower Upper

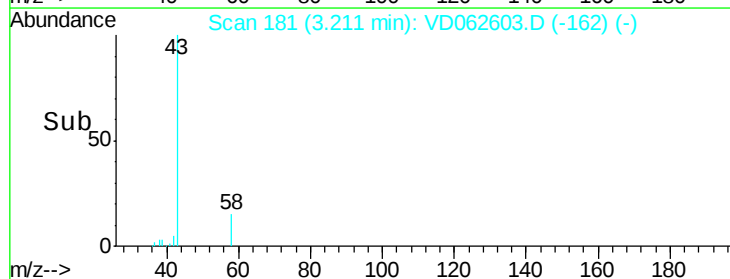
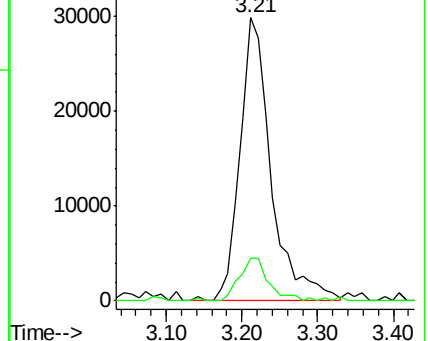
43 100

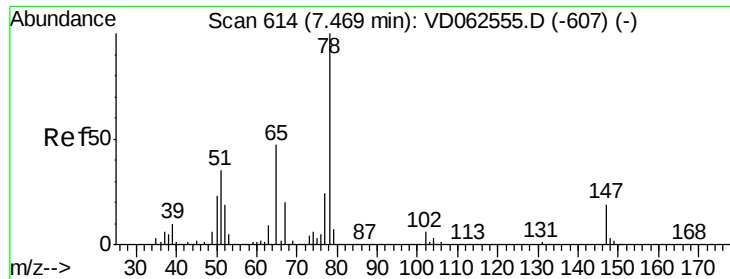
58 15.2 13.8 20.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 48.995 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.02 min

Lab File: VD062603.D

Acq: 4 Jun 2019 17:32

Instrument :

MSVOA_D

ClientSampleId :

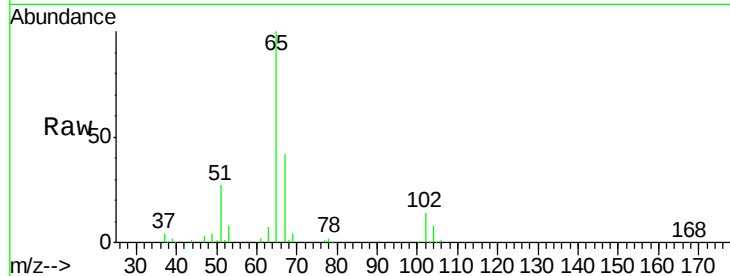
TP-1

Tot Ion: 65 Resp: 322782

Ion Ratio Lower Upper

65 100

67 42.2 0.0 83.6



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

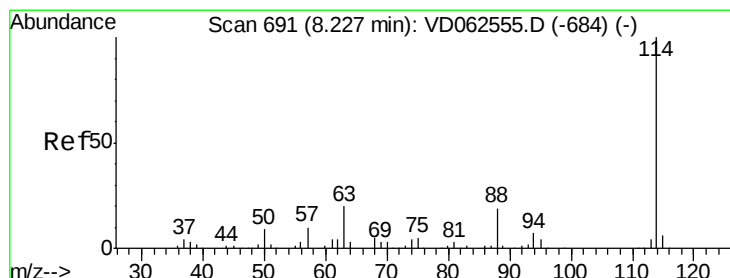
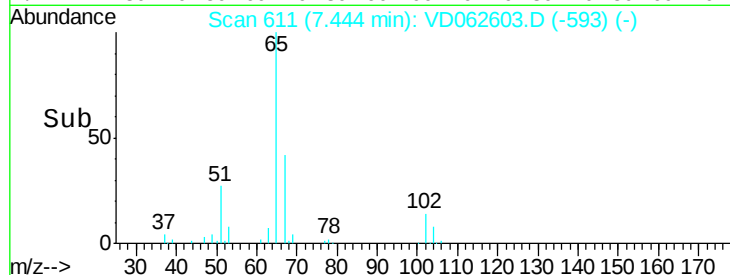
7.44

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD062603.D

Acq: 4 Jun 2019 17:32

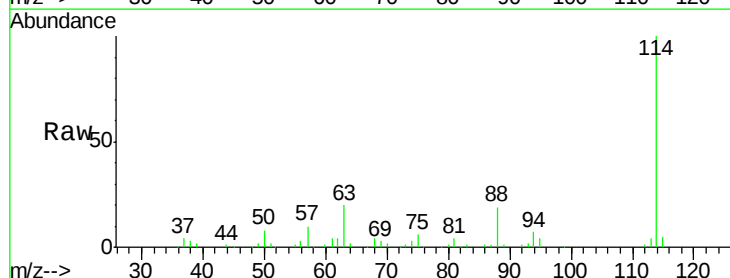
Tgt Ion: 114 Resp: 801392

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.6

88 18.6 0.0 37.6



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

8.21

400000

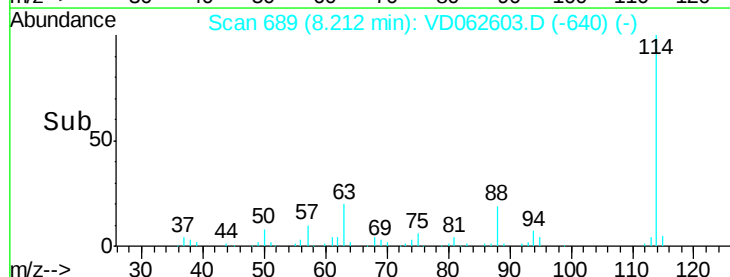
300000

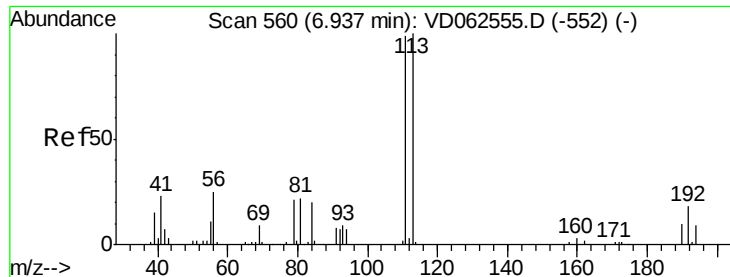
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 43.248 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.02 min

Lab File: VD062603.D

Acq: 4 Jun 2019 17:32

Instrument :

MSVOA_D

ClientSampled :

TP-1

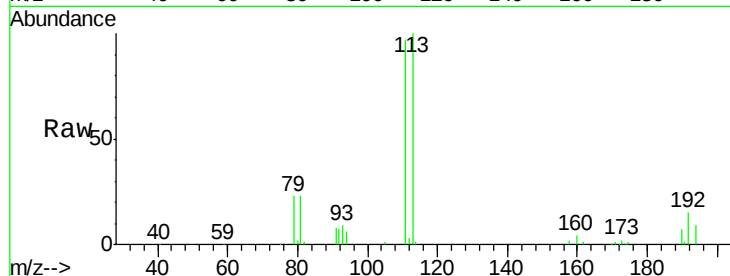
Tot Ion:113 Resp: 315834

Ion Ratio Lower Upper

113 100

111 97.3 78.8 118.2

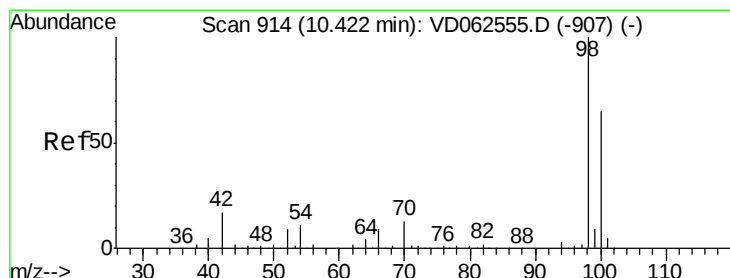
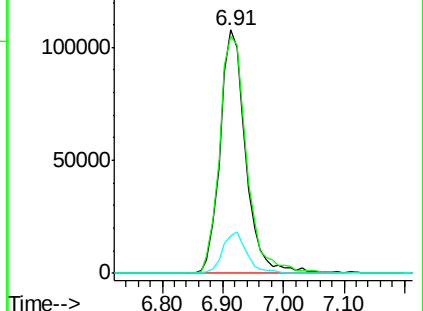
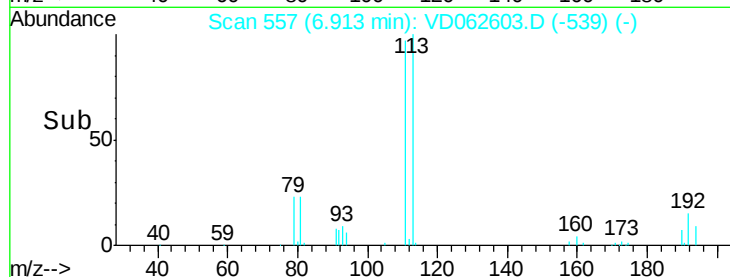
192 15.3 14.6 22.0



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: 35.900 ug/l

RT: 10.40 min Scan# 911

Delta R.T. -0.02 min

Lab File: VD062603.D

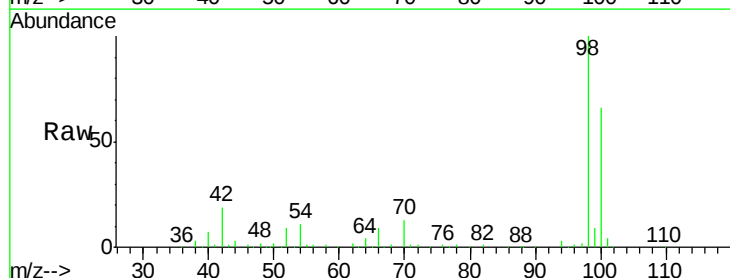
Acq: 4 Jun 2019 17:32

Tgt Ion: 98 Resp: 574414

Ion Ratio Lower Upper

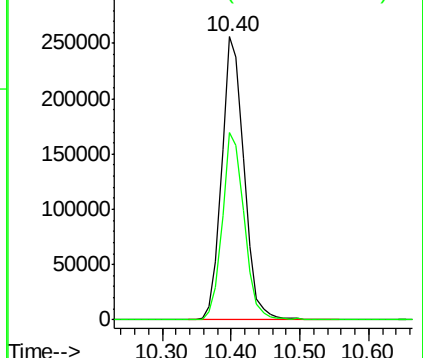
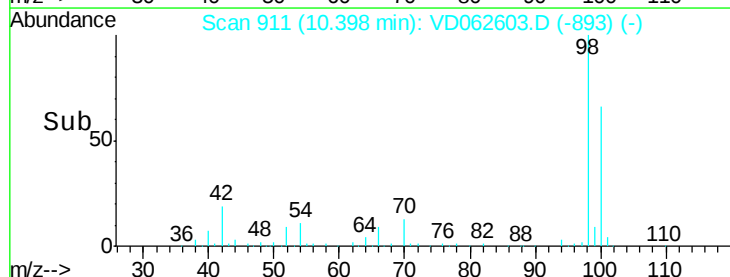
98 100

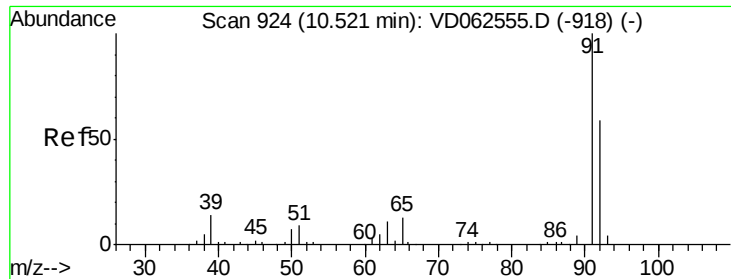
100 66.4 52.3 78.5



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#52

Toluene

Concen: 5.035 ug/l

RT: 10.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: VD062603.D

Acq: 4 Jun 2019 17:32

Instrument :

MSVOA_D

ClientSampleId :

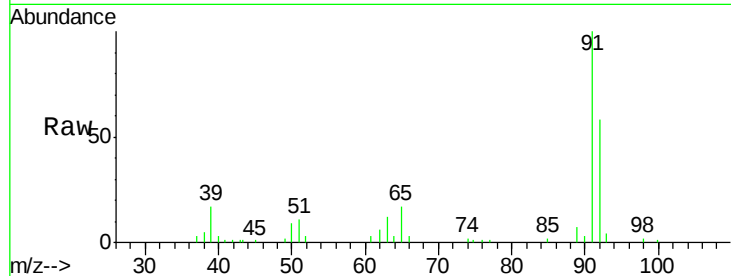
TP-1

Tot Ion: 92 Resp: 53767

Ion Ratio Lower Upper

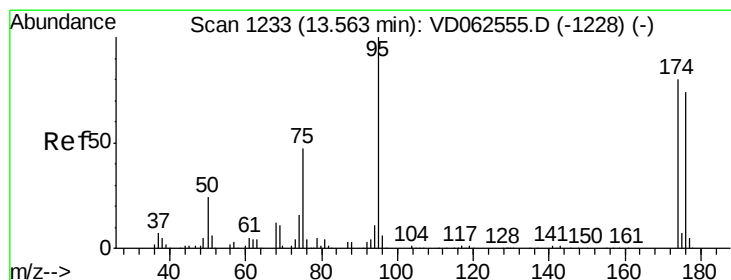
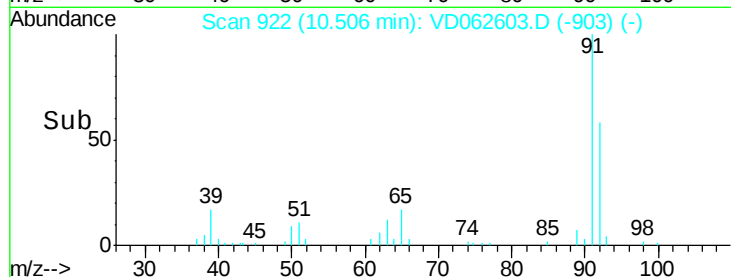
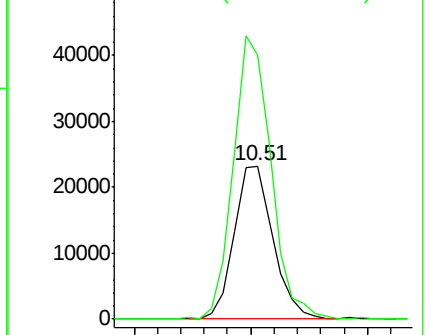
92 100

91 172.4 135.5 203.3



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 34.393 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD062603.D

Acq: 4 Jun 2019 17:32

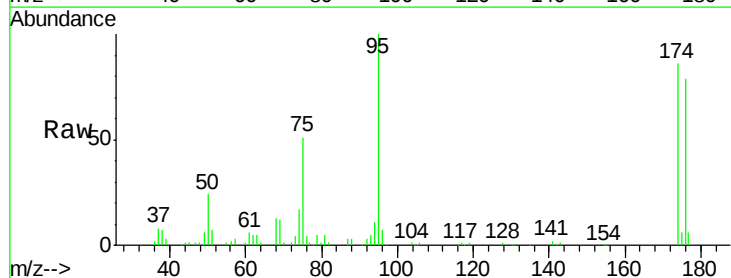
Tgt Ion: 95 Resp: 248173

Ion Ratio Lower Upper

95 100

174 85.6 0.0 160.2

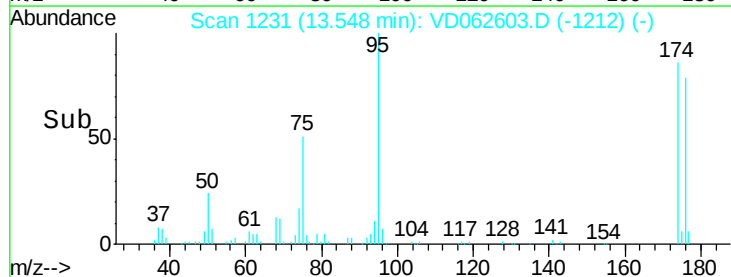
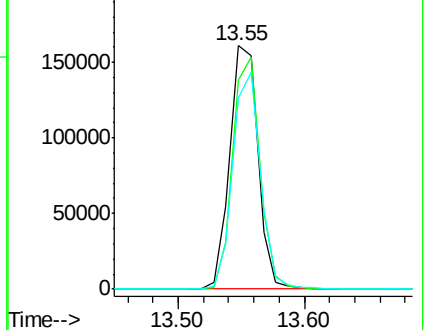
176 78.7 0.0 148.0

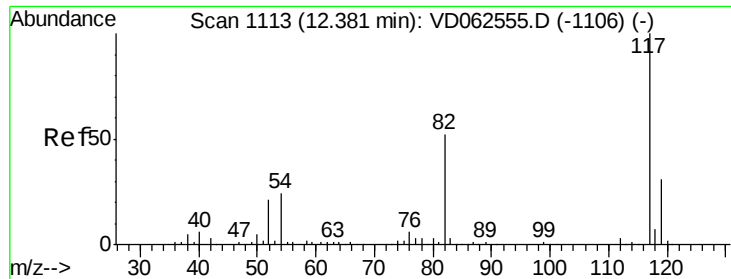


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

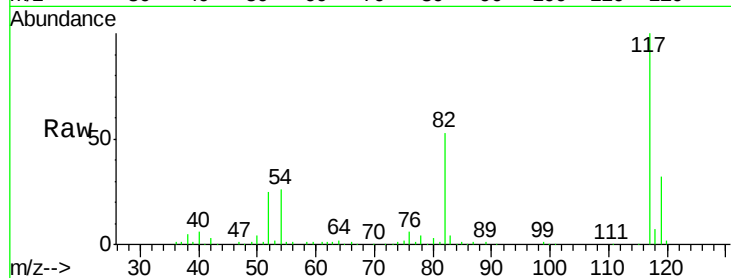




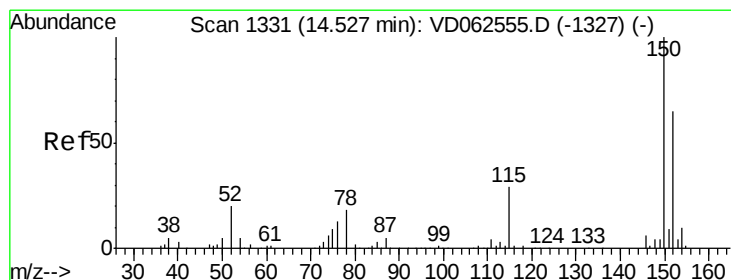
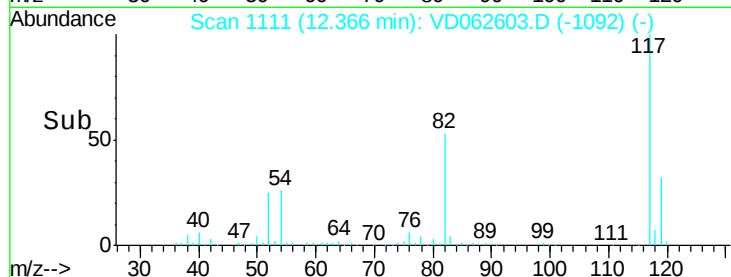
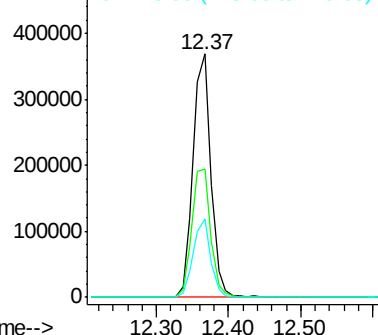
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062603.D
Acq: 4 Jun 2019 17:32

Instrument :
MSVOA_D
ClientSampled :
TP-1

Tot Ion:117 Resp: 628746
Ion Ratio Lower Upper
117 100
82 52.8 41.4 62.2
119 32.2 24.9 37.3

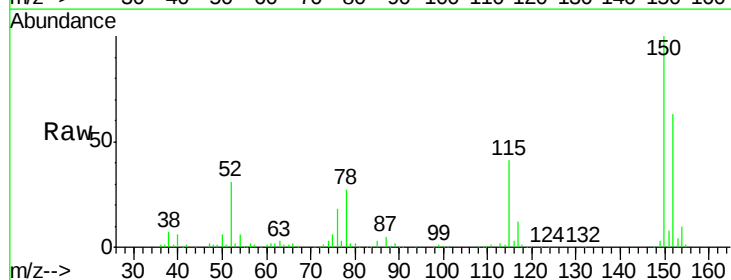


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062603.D
Acq: 4 Jun 2019 17:32

Tgt Ion:152 Resp: 303466
Ion Ratio Lower Upper
152 100
115 65.8 28.4 85.3
150 159.5 0.0 310.4



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

