

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061319\
 Data File : VD062694.D
 Acq On : 13 Jun 2019 15:12
 Operator : VA/AP
 Sample : K3351-05
 Misc : 6.40g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200029

Quant Time: Jun 14 07:12:25 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

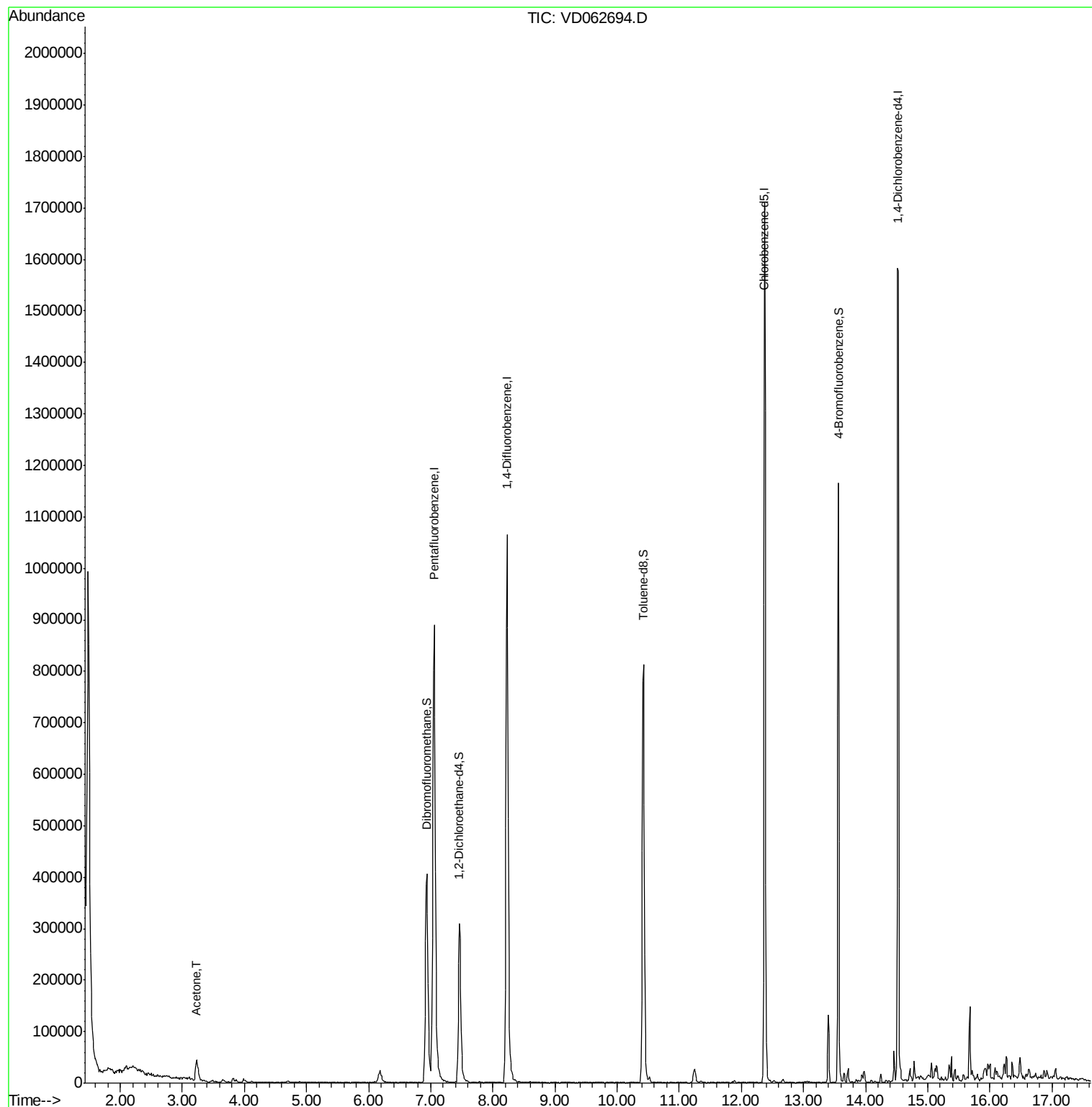
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	831319	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1121255	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	852267	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.53	152	382754	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	367478	30.63	ug/l	0.01
Spiked Amount 50.000			Recovery	=	61.26%	
35) Dibromofluoromethane	6.94	113	372822	31.53	ug/l	0.02
Spiked Amount 50.000			Recovery	=	63.06%	
50) Toluene-d8	10.42	98	671436	26.99	ug/l	0.01
Spiked Amount 50.000			Recovery	=	53.98%	
62) 4-Bromofluorobenzene	13.56	95	292239	25.18	ug/l	0.01
Spiked Amount 50.000			Recovery	=	50.36%	
Target Compounds						
16) Acetone	3.23	43	93387	42.514	ug/l	Qvalue 98

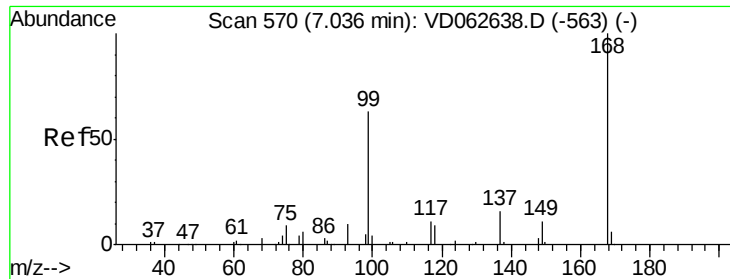
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD062694.D

Acq: 13 Jun 2019 15:12

Instrument :

MSVOA_D

ClientSampleId :

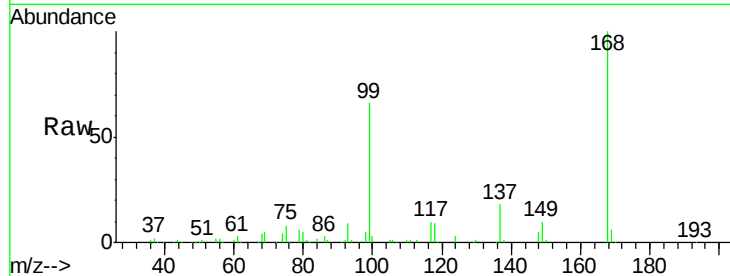
RBR-200029

Tot Ion:168 Resp: 831319

Ion Ratio Lower Upper

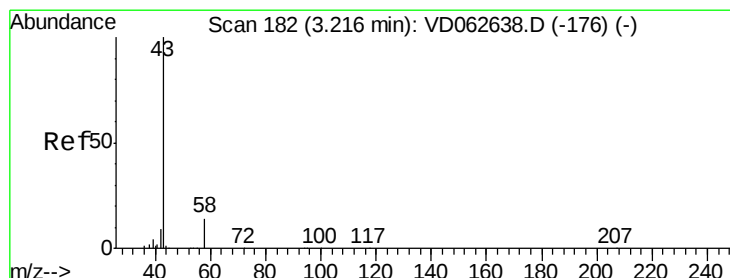
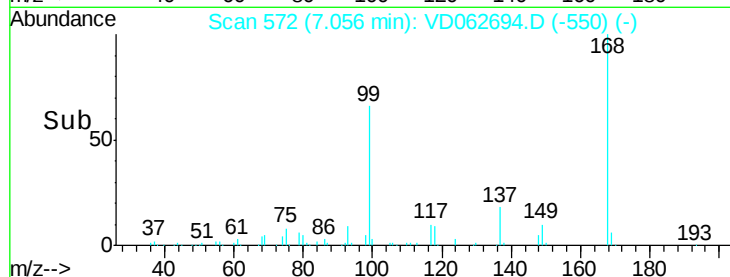
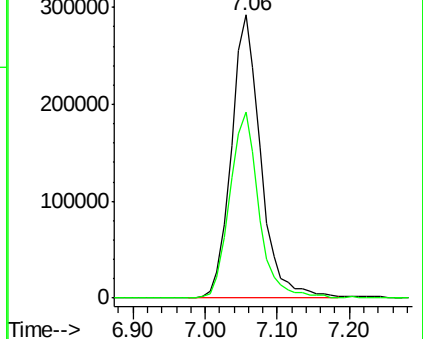
168 100

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



#16

Acetone

Concen: 42.514 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD062694.D

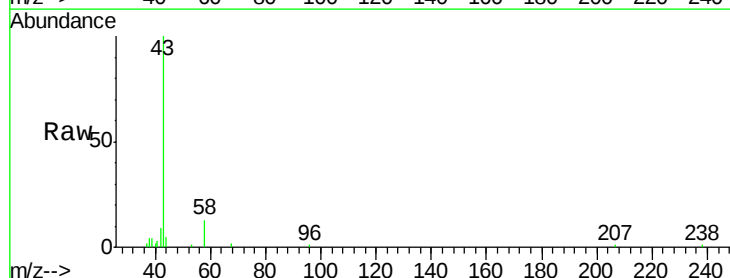
Acq: 13 Jun 2019 15:12

Tgt Ion: 43 Resp: 93387

Ion Ratio Lower Upper

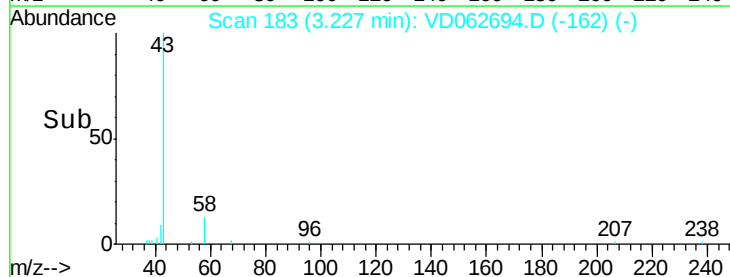
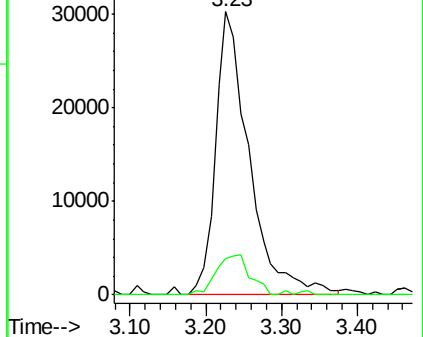
43 100

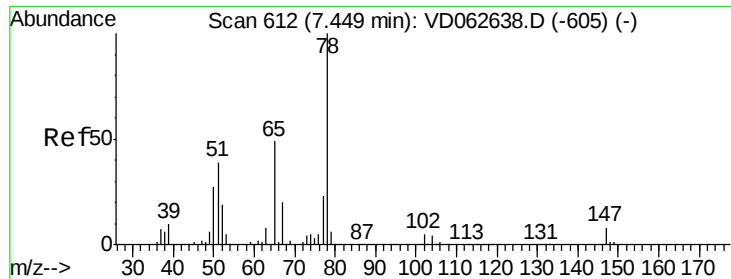
58 12.7 10.8 16.2



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: 30.634 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD062694.D

Acq: 13 Jun 2019 15:12

Instrument :

MSVOA_D

ClientSampleId :

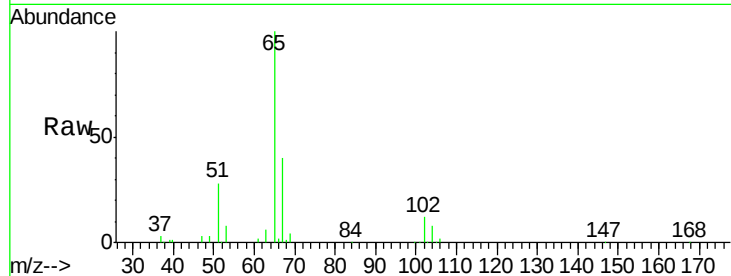
RBR-200029

Tot Ion: 65 Resp: 367478

Ion Ratio Lower Upper

65 100

67 40.4 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

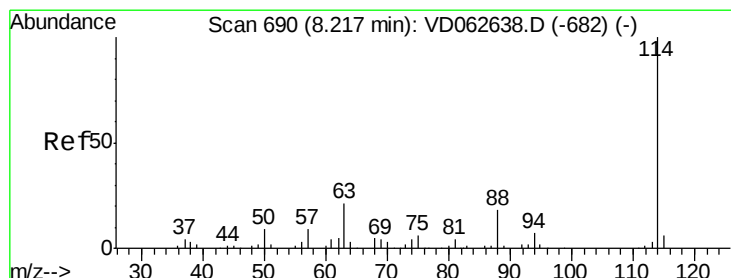
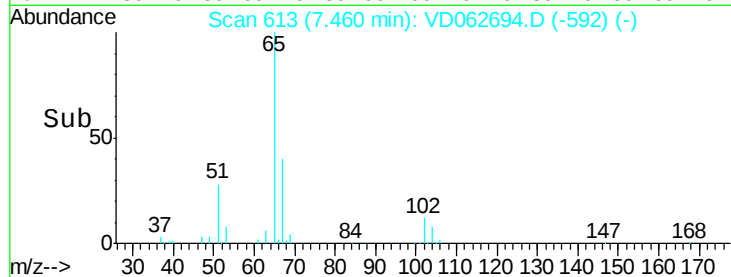
100000

50000

0

Time-->

7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD062694.D

Acq: 13 Jun 2019 15:12

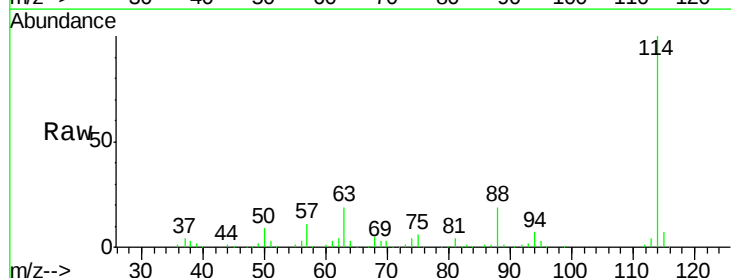
Tgt Ion: 114 Resp: 1121255

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 19.2 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

600000

500000

400000

300000

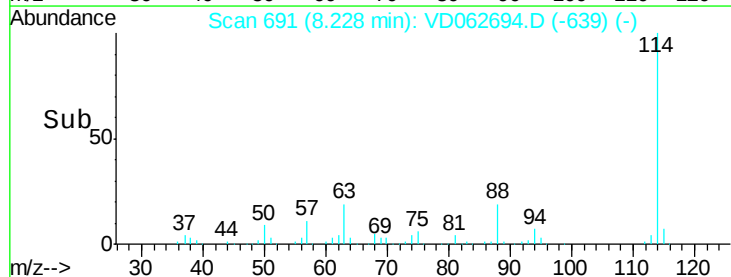
200000

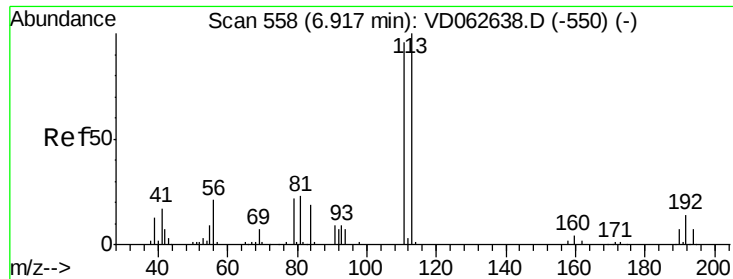
100000

0

Time-->

8.10 8.20 8.30 8.40 8.50





#35

Dibromofluoromethane

Concen: 31.528 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.02 min

Lab File: VD062694.D

Acq: 13 Jun 2019 15:12

Instrument :

MSVOA_D

ClientSampleId :

RBR-200029

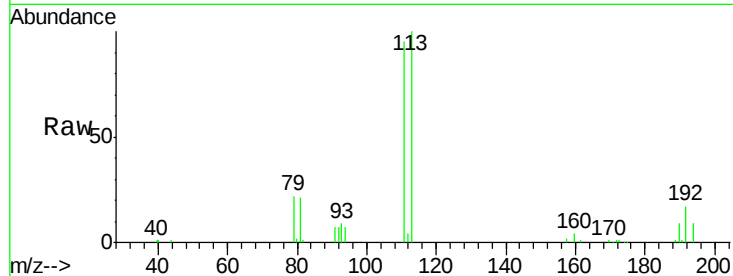
Tot Ion:113 Resp: 372822

Ion Ratio Lower Upper

113 100

111 94.9 76.4 114.6

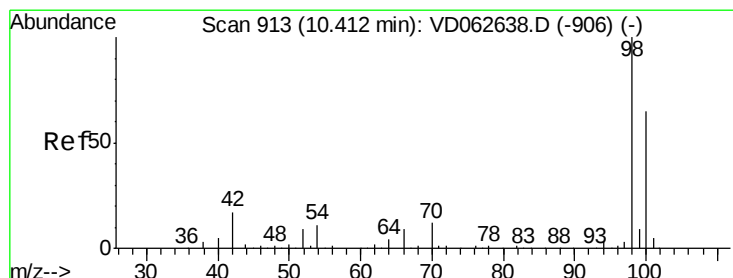
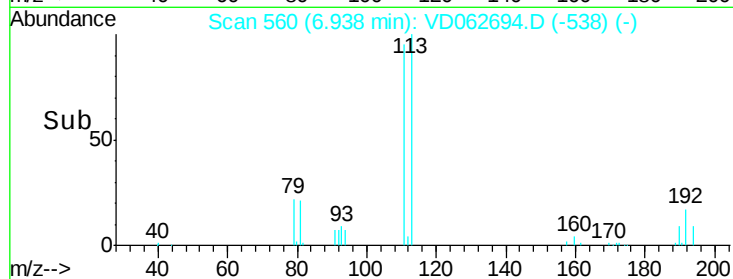
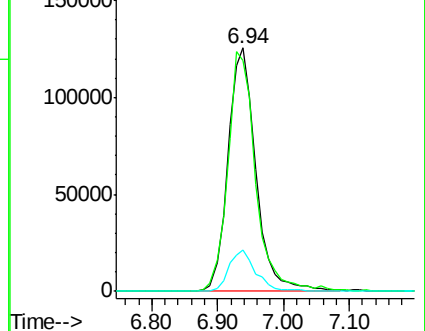
192 17.0 11.4 17.0



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: 26.991 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD062694.D

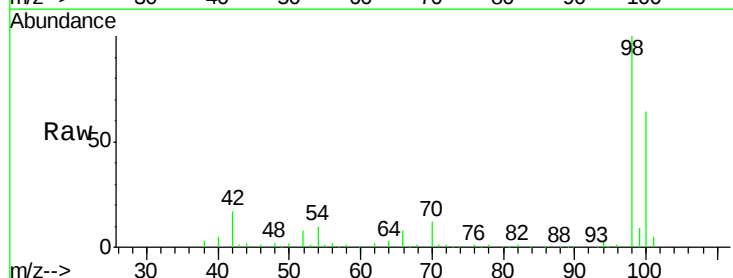
Acq: 13 Jun 2019 15:12

Tgt Ion: 98 Resp: 671436

Ion Ratio Lower Upper

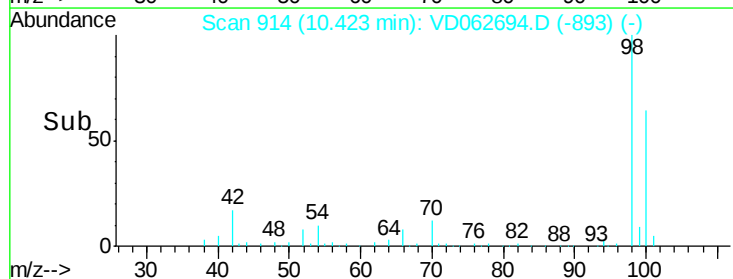
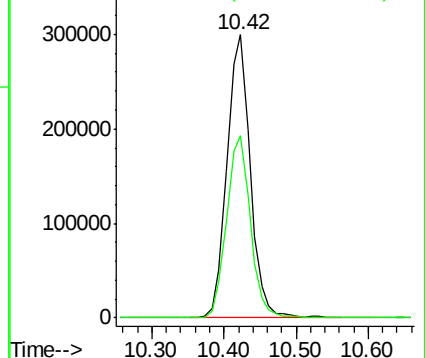
98 100

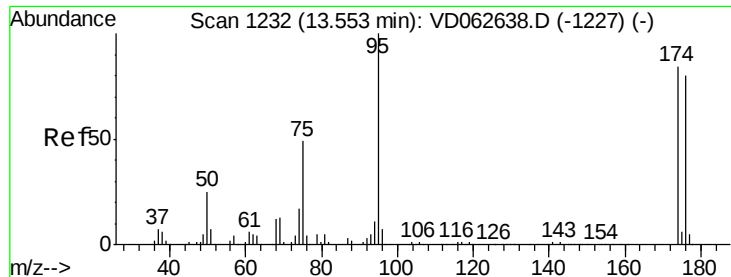
100 64.5 52.1 78.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 25.181 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062694.D

Acq: 13 Jun 2019 15:12

Instrument :

MSVOA_D

ClientSampleId :

RBR-200029

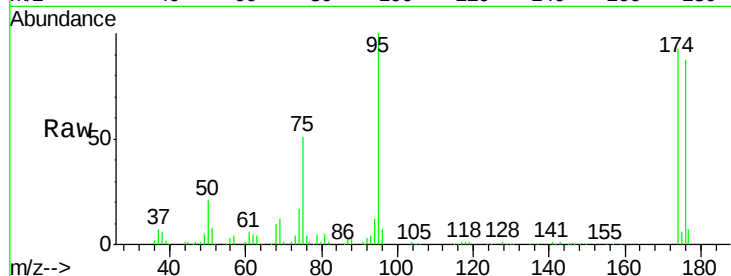
Tot Ion: 95 Resp: 292239

Ion Ratio Lower Upper

95 100

174 93.0 0.0 167.0

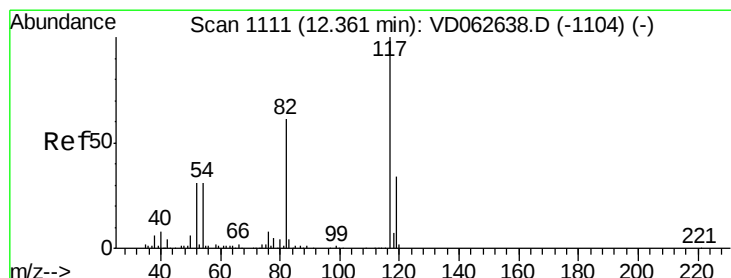
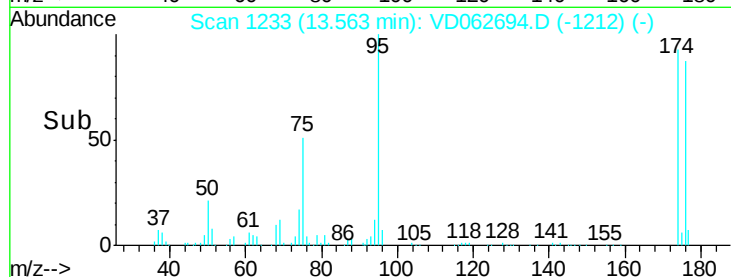
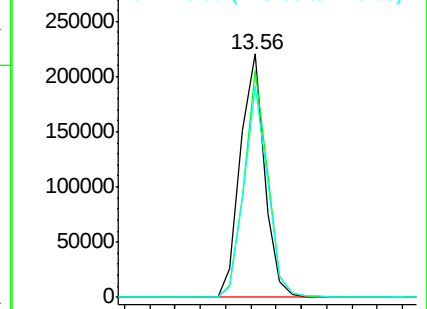
176 86.7 0.0 159.2



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# 1112

Delta R.T. 0.01 min

Lab File: VD062694.D

Acq: 13 Jun 2019 15:12

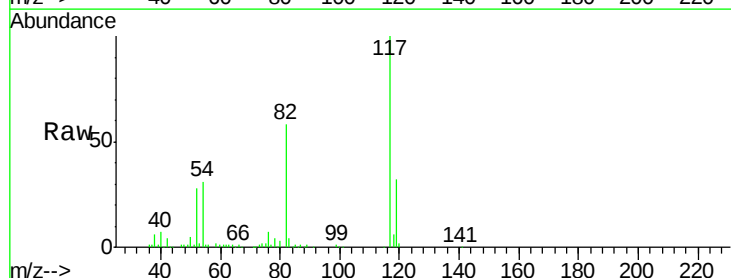
Tgt Ion: 117 Resp: 852267

Ion Ratio Lower Upper

117 100

82 58.0 48.7 73.1

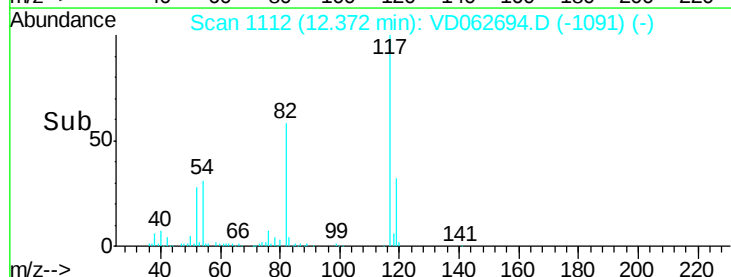
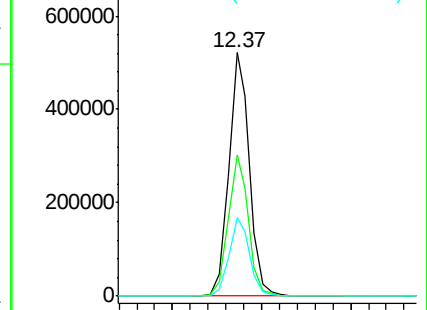
119 32.2 27.0 40.6

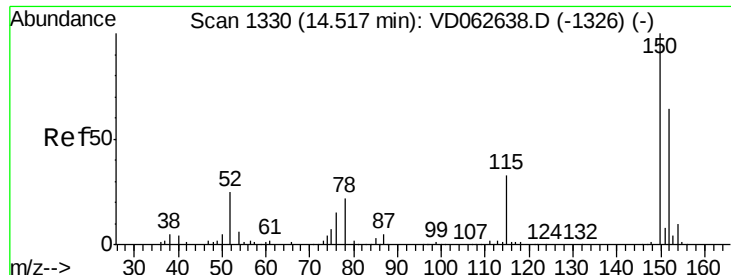


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

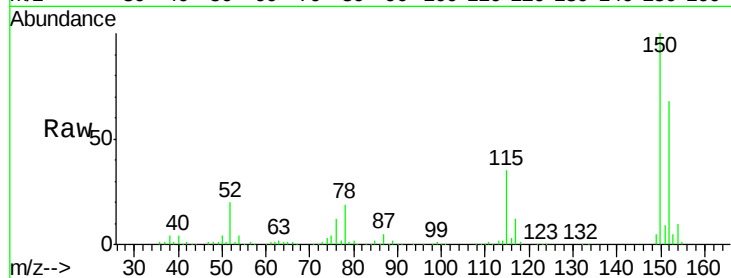




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD062694.D
 Acq: 13 Jun 2019 15:12

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200029

Tot Ion	Ratio	Lower	Upper
152	100		
115	52.5	30.1	90.5
150	148.0	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

