

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041819\
 Data File : VD061880.D
 Acq On : 18 Apr 2019 18:02
 Operator : VA/AP
 Sample : K2386-01
 Misc : 4.31g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200048-49

Quant Time: Apr 18 18:54:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

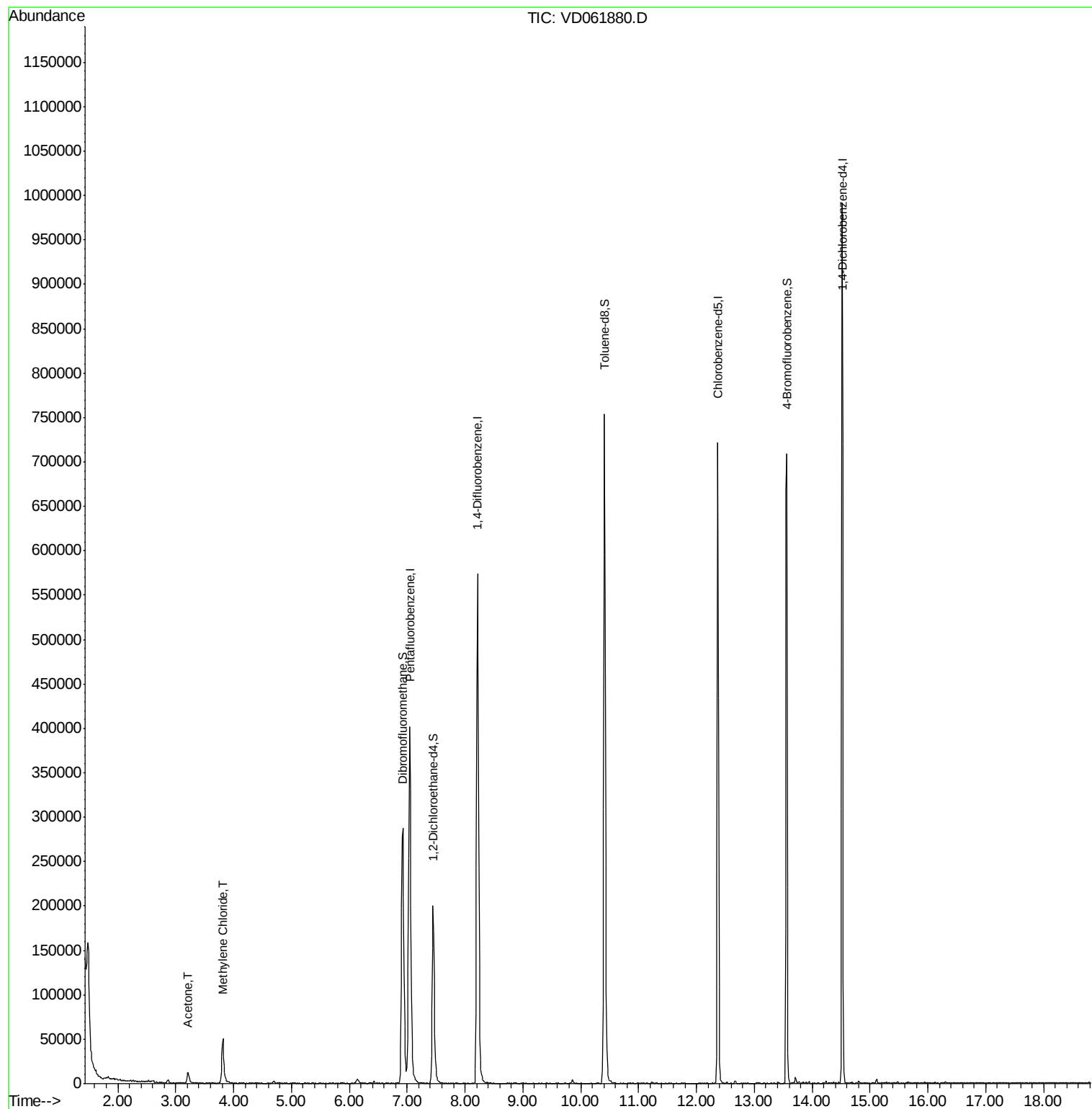
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	412947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	677032	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	485598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	228597	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	202467	58.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.00%	
35) Dibromofluoromethane	6.93	113	272454	53.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.54%	
50) Toluene-d8	10.41	98	624942	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
62) 4-Bromofluorobenzene	13.55	95	232285	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
Target Compounds						
16) Acetone	3.22	43	26602	31.187	ug/l	94
20) Methylene Chloride	3.82	84	35460	4.158	ug/l	96

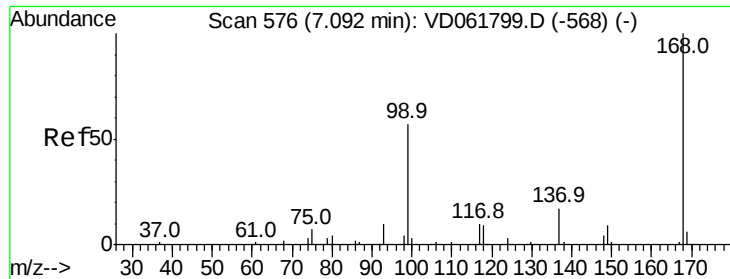
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 18 13:49:04 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.01 min

Lab File: VD061880.D

Acq: 18 Apr 2019 18:02

Instrument :

MSVOA_D

ClientSampleId :

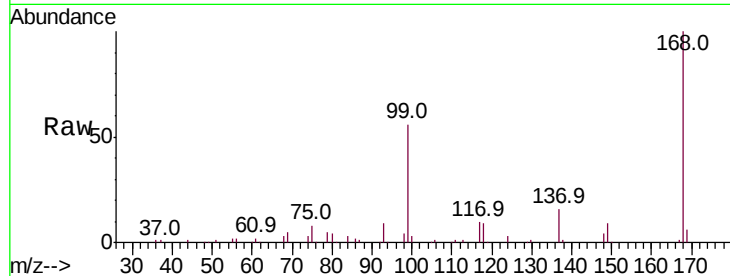
RBR-200048-49

Tot Ion:168 Resp: 412947

Ion Ratio Lower Upper

168 100

99 56.1 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

150000

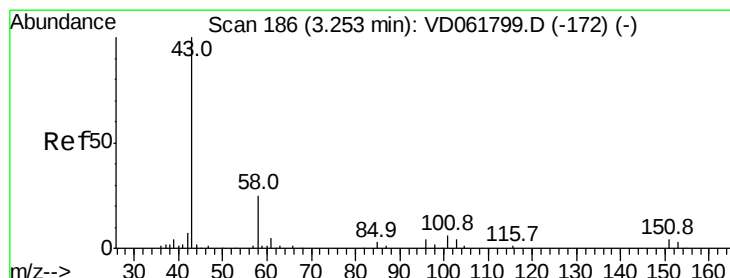
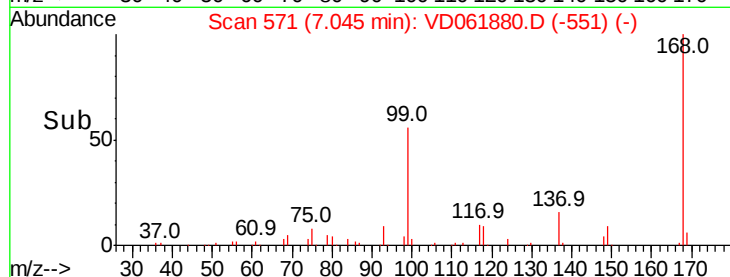
100000

50000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#16

Acetone

Concen: 31.187 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD061880.D

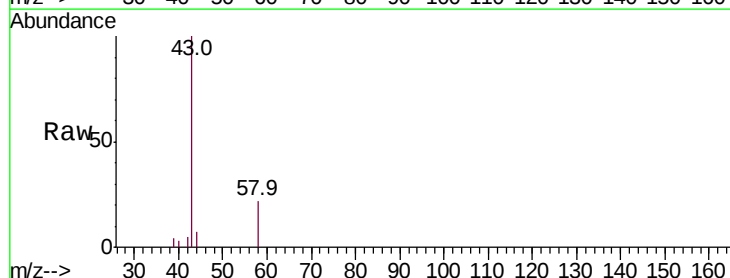
Acq: 18 Apr 2019 18:02

Tgt Ion: 43 Resp: 26602

Ion Ratio Lower Upper

43 100

58 22.1 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

10000

8000

6000

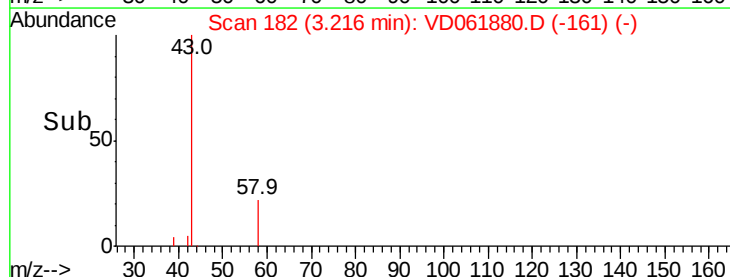
4000

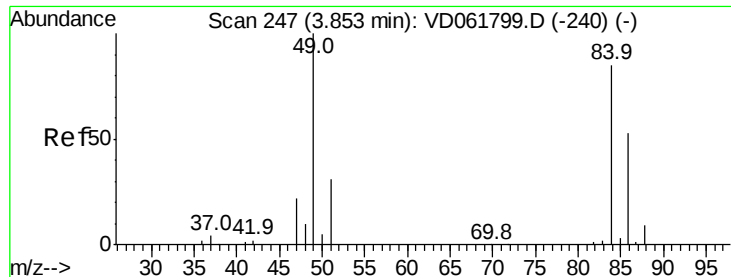
2000

0

3.10 3.20 3.30

Time-->

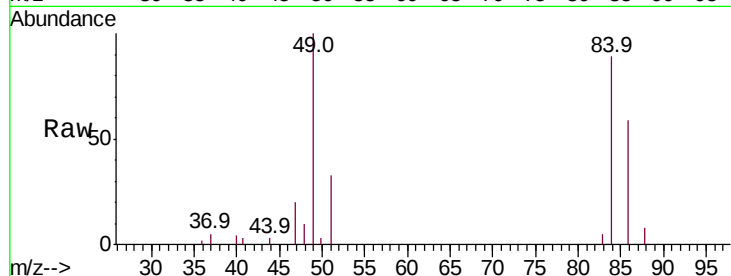




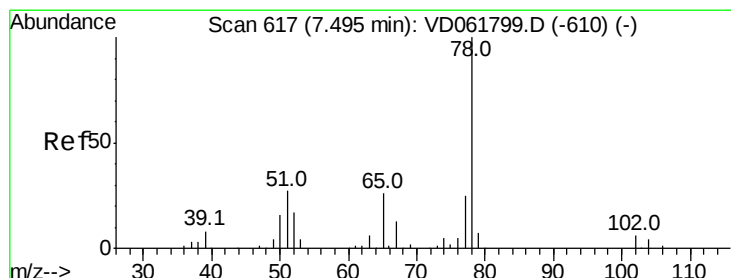
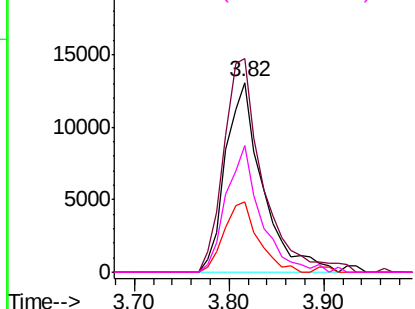
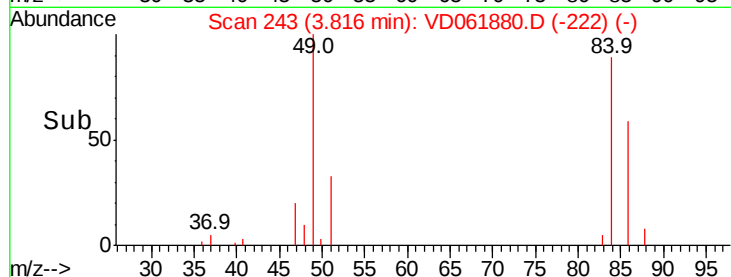
#20
Methvlene Chloride
Concen: 4.158 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.00 min
Lab File: VD061880.D
Acq: 18 Apr 2019 18:02

Instrument :
MSVOA_D
ClientSampleId :
RBR-200048-49

Tot Ion: 84 Resp: 35460
Ion Ratio Lower Upper
84 100
49 112.6 94.0 141.0
51 37.1 29.0 43.4
86 66.6 49.8 74.6

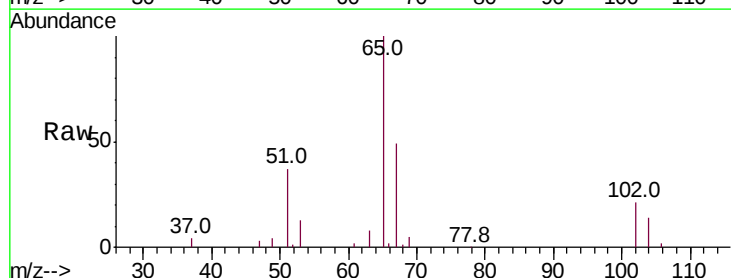


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

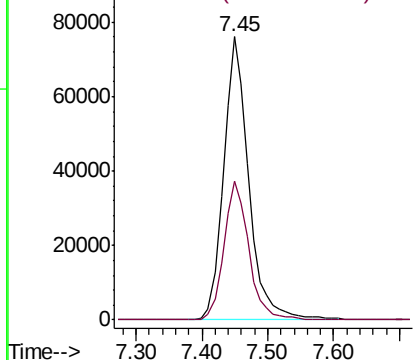
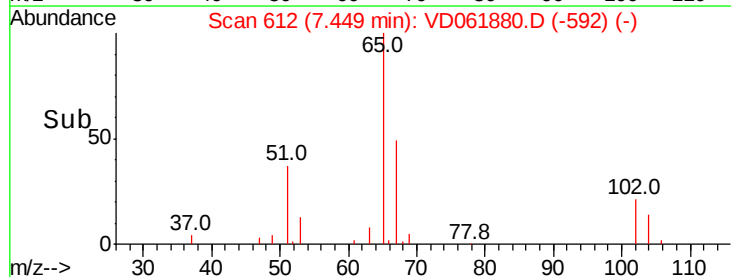


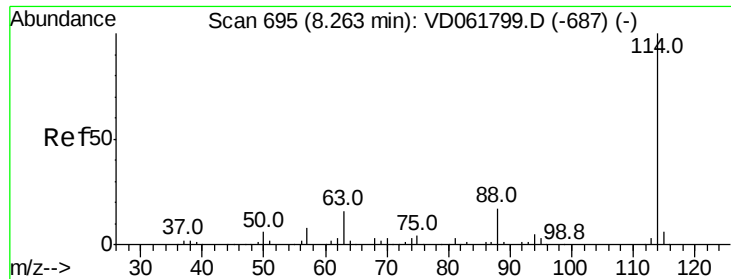
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD061880.D
Acq: 18 Apr 2019 18:02

Tgt Ion: 65 Resp: 202467
Ion Ratio Lower Upper
65 100
67 49.0 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

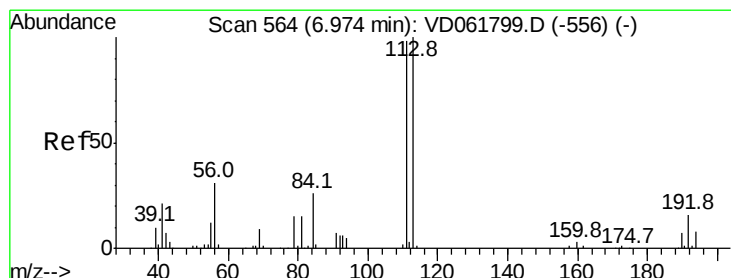
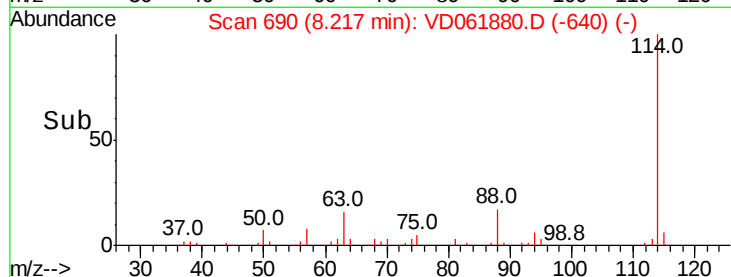
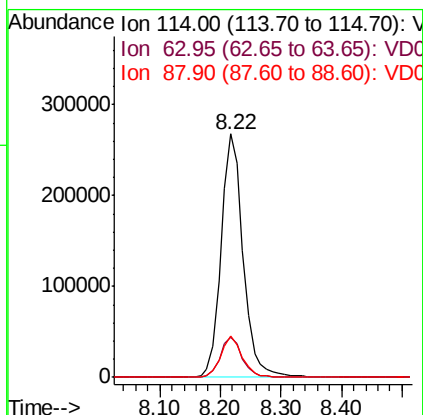
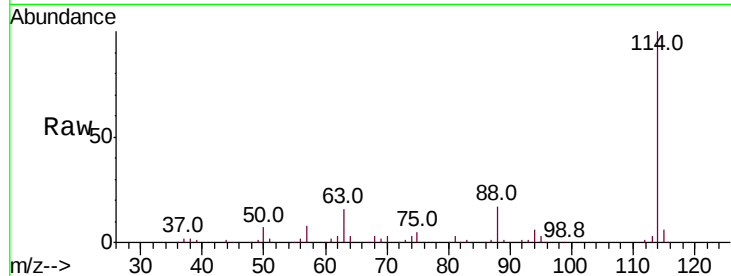




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: VD061880.D
 Acq: 18 Apr 2019 18:02

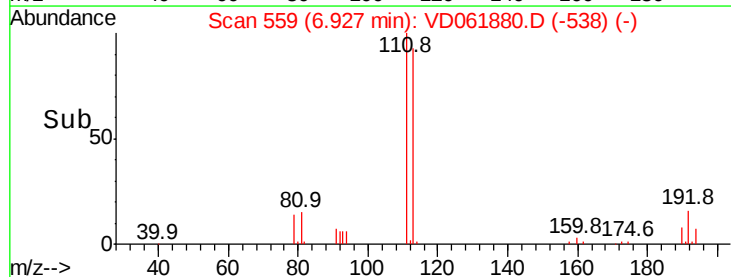
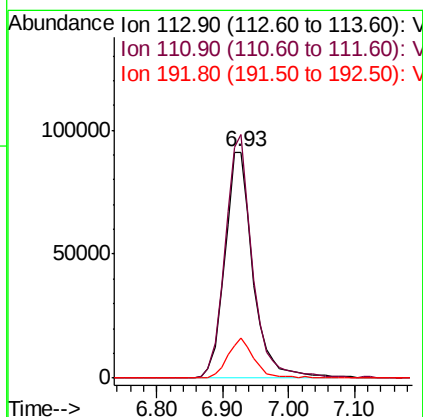
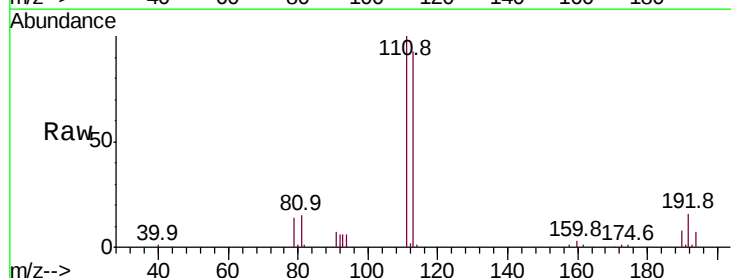
Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200048-49

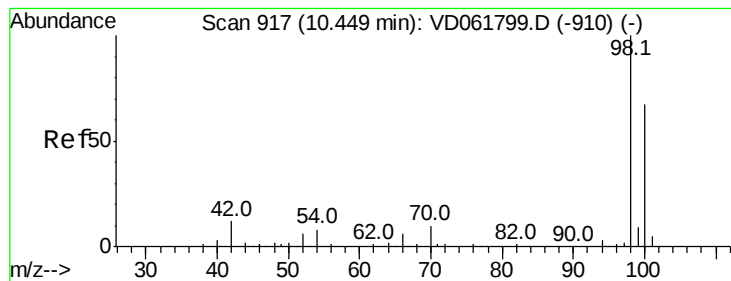
Tot Ion:114 Resp: 677032
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 32.4
 88 16.9 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: VD061880.D
 Acq: 18 Apr 2019 18:02

Tgt Ion:113 Resp: 272454
 Ion Ratio Lower Upper
 113 100
 111 107.8 78.5 117.7
 192 17.8 13.0 19.4





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.00 min

Lab File: VD061880.D

Acq: 18 Apr 2019 18:02

Instrument :

MSVOA_D

ClientSampleId :

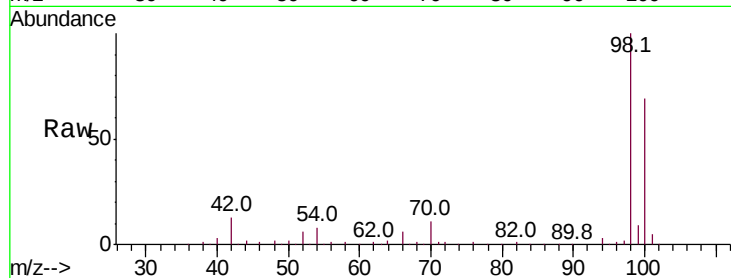
RBR-200048-49

Tot Ion: 98 Resp: 624942

Ion Ratio Lower Upper

98 100

100 69.0 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD061799.D (-910) (-)

Ion 100.05 (99.75 to 100.75): VD061799.D (-910) (-)

10.41

300000

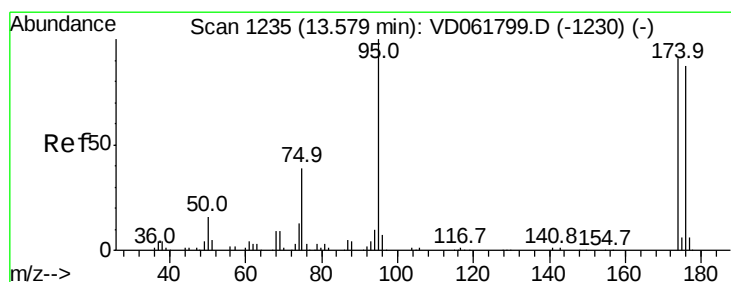
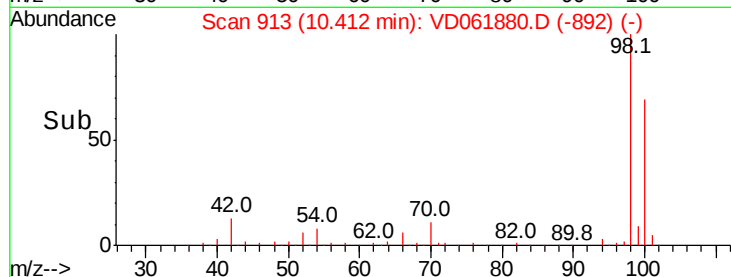
200000

100000

0

10.30 10.40 10.50 10.60

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD061880.D

Acq: 18 Apr 2019 18:02

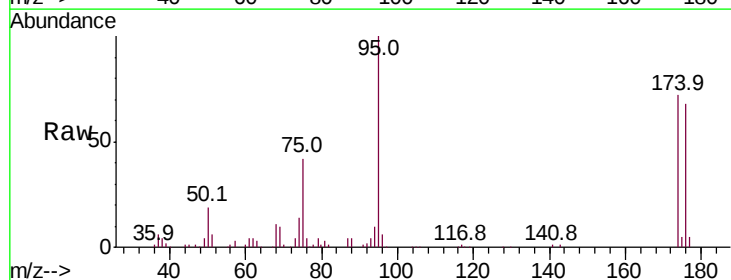
Tgt Ion: 95 Resp: 232285

Ion Ratio Lower Upper

95 100

174 71.8 0.0 181.8

176 68.4 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD061799.D (-1230) (-)

Ion 173.90 (173.60 to 174.60): VD061799.D (-1230) (-)

Ion 175.90 (175.60 to 176.60): VD061799.D (-1230) (-)

13.55

200000

150000

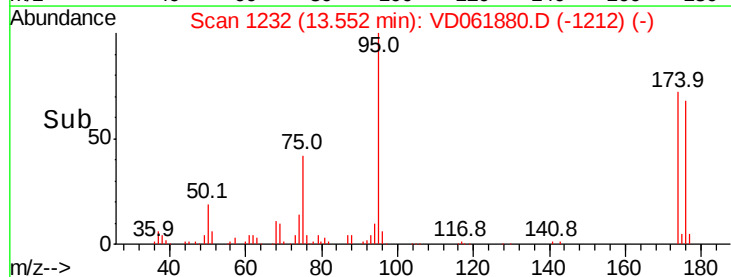
100000

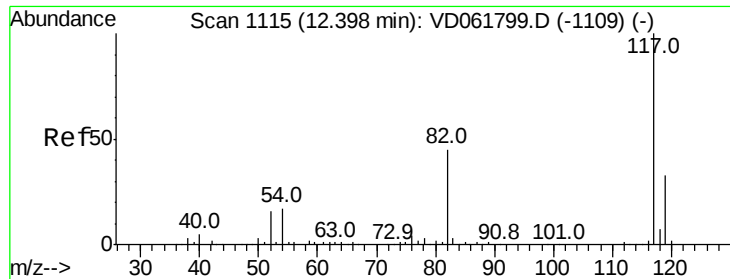
50000

0

13.50 13.55 13.60 13.65

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VD061880.D

Acq: 18 Apr 2019 18:02

Instrument :

MSVOA_D

ClientSampleId :

RBR-200048-49

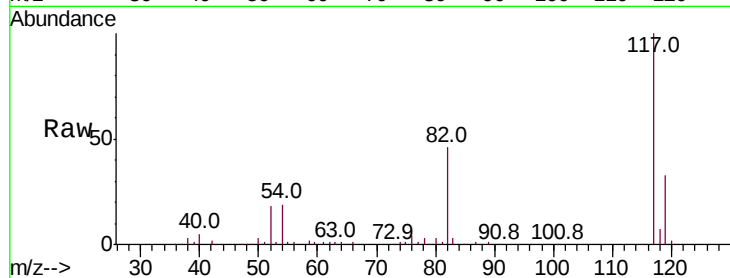
Tot Ion:117 Resp: 485598

Ion Ratio Lower Upper

117 100

82 45.6 36.2 54.2

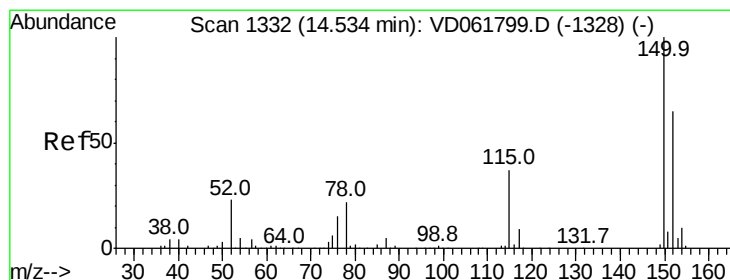
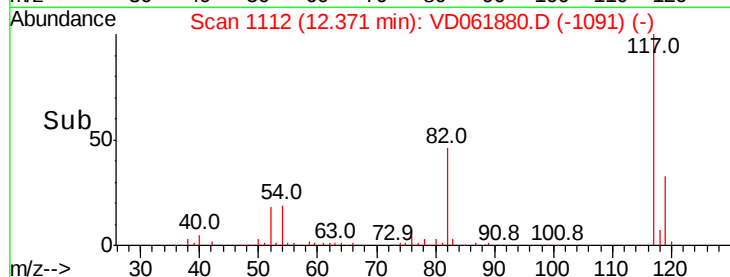
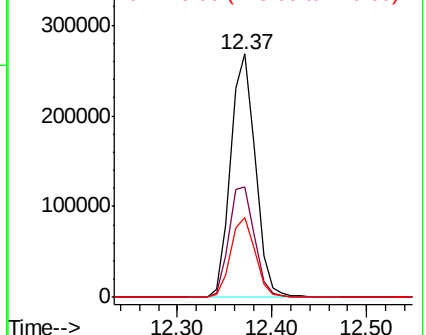
119 32.9 26.2 39.4



Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): VD

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: VD061880.D

Acq: 18 Apr 2019 18:02

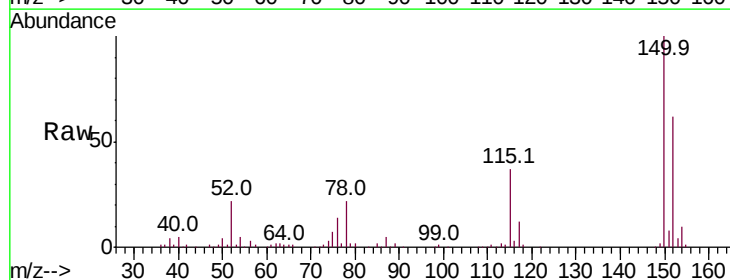
Tgt Ion:152 Resp: 228597

Ion Ratio Lower Upper

152 100

115 59.8 30.9 92.7

150 160.2 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

