

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060519\
 Data File : VD062624.D
 Acq On : 6 Jun 2019 13:37
 Operator : FY/SY
 Sample : K3218-04
 Misc : 4.91g/5mL/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200027

Quant Time: Jun 07 03:41:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 06 05:42:40 2019
 Response via : Initial Calibration

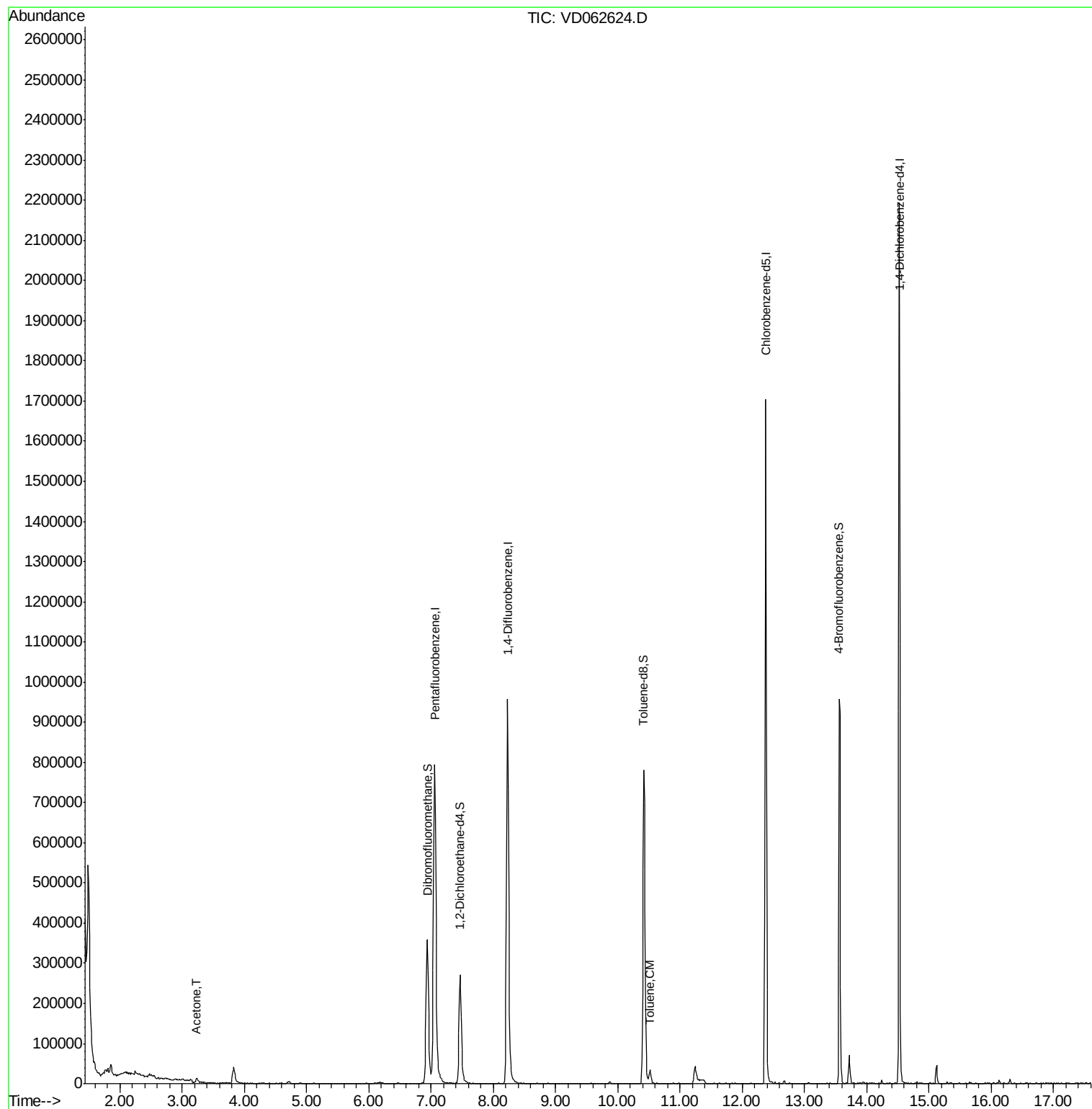
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	783892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1023986	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	877247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	434412	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	323884	30.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.28%	
35) Dibromofluoromethane	6.93	113	332133	31.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.82%	
50) Toluene-d8	10.42	98	637450	28.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.86%	
62) 4-Bromofluorobenzene	13.56	95	280465	26.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.08%	
Target Compounds						
16) Acetone	3.23	43	26681	13.816	ug/l	96
52) Toluene	10.53	92	14870	1.031	ug/l	91

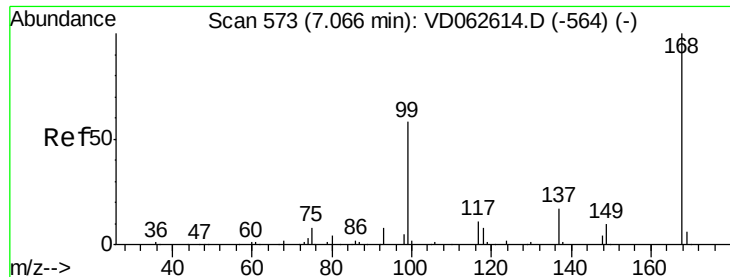
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. -0.01 min

Lab File: VD062624.D

Acq: 6 Jun 2019 13:37

Instrument :

MSVOA_D

ClientSampleId :

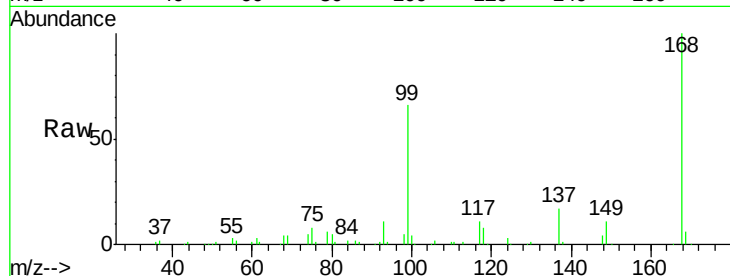
RBR-200027

Tot Ion:168 Resp: 783892

Ion Ratio Lower Upper

168 100

99 66.5 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

250000

200000

150000

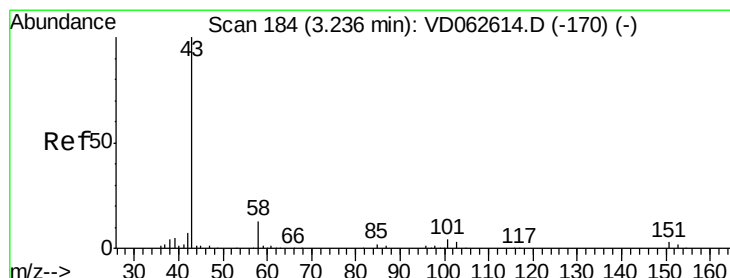
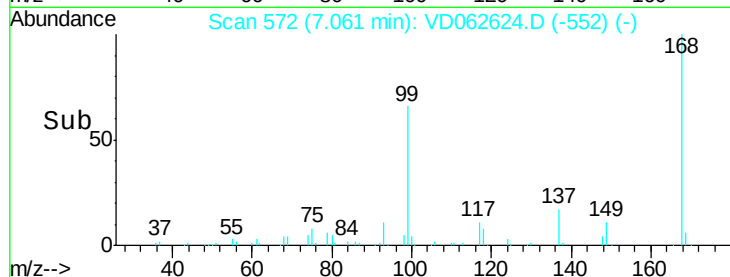
100000

50000

0

Time-->

6.90 7.00 7.10 7.20 7.30



#16

Acetone

Concen: 13.816 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD062624.D

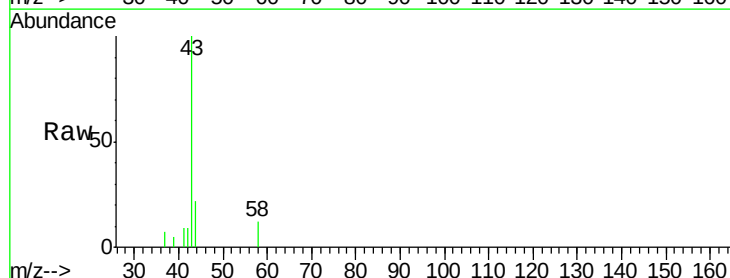
Acq: 6 Jun 2019 13:37

Tgt Ion: 43 Resp: 26681

Ion Ratio Lower Upper

43 100

58 11.9 10.7 16.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

8000

6000

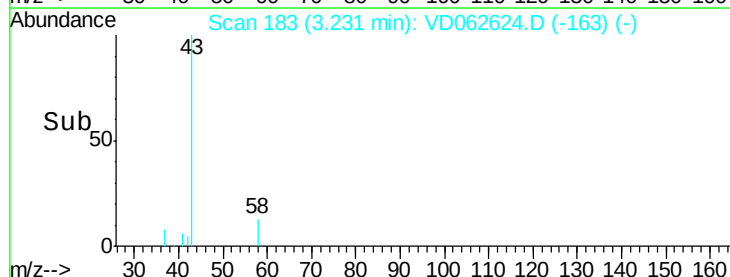
4000

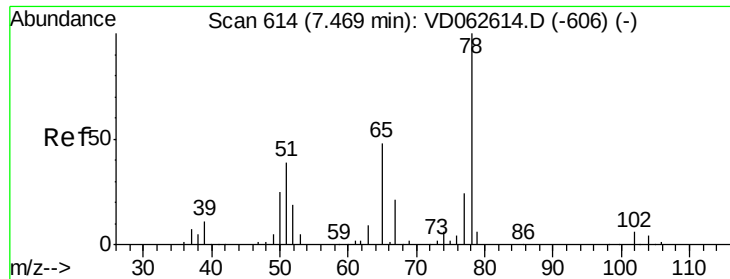
2000

0

Time-->

3.10 3.20 3.30 3.40

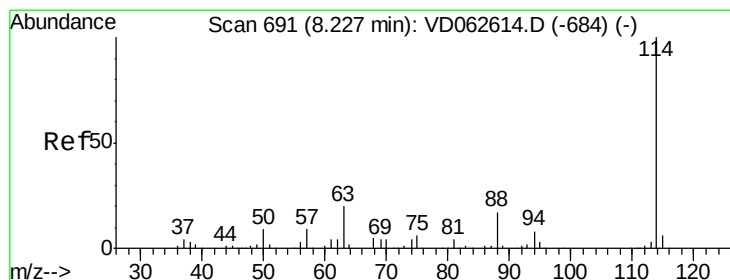
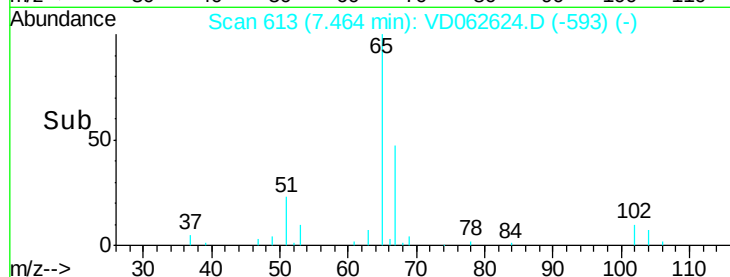
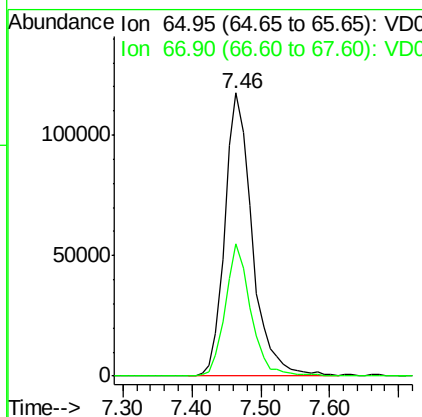
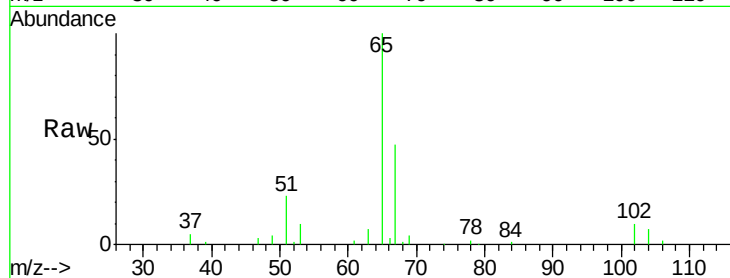




#33
 1,2-Dichloroethane-d4
 Concen: 30.141 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: VD062624.D
 Acq: 6 Jun 2019 13:37

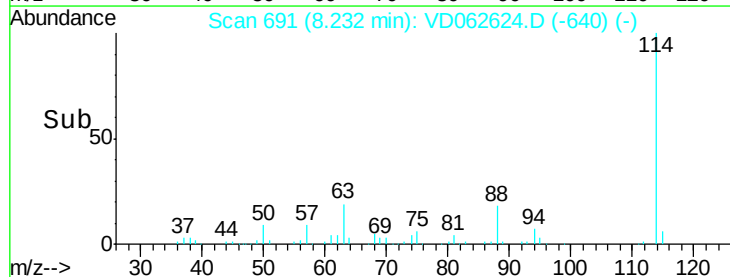
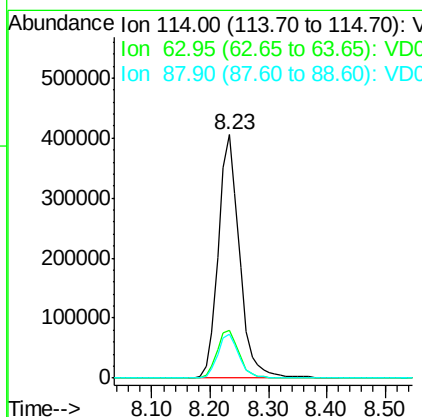
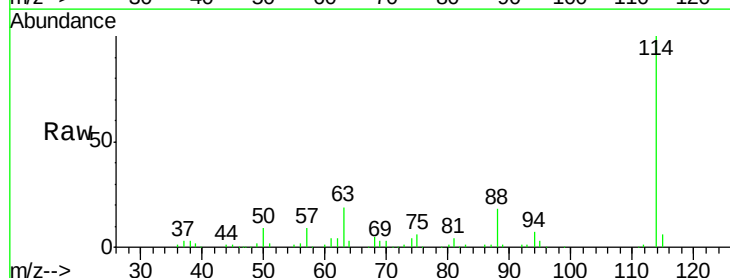
Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200027

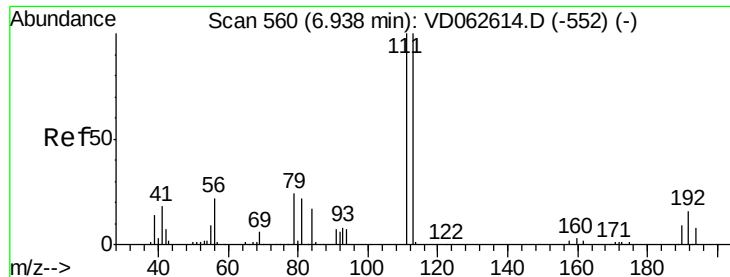
Tot Ion: 65 Resp: 323884
 Ion Ratio Lower Upper
 65 100
 67 46.8 0.0 86.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: VD062624.D
 Acq: 6 Jun 2019 13:37

Tgt Ion: 114 Resp: 1023986
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.0
 88 17.9 0.0 34.2





#35

Dibromofluoromethane

Concen: 31.913 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD062624.D

Acq: 6 Jun 2019 13:37

Instrument :

MSVOA_D

ClientSampleId :

RBR-200027

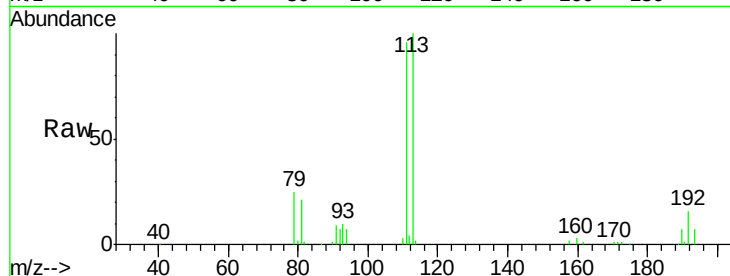
Tot Ion:113 Resp: 332133

Ion Ratio Lower Upper

113 100

111 96.0 80.1 120.1

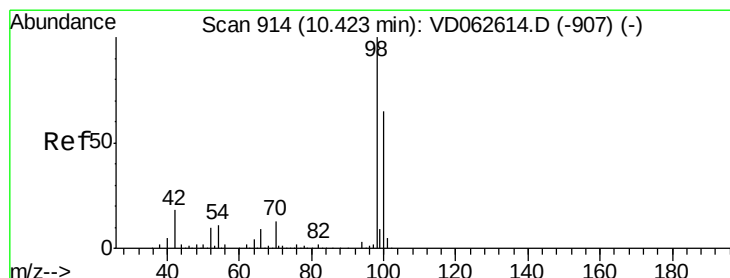
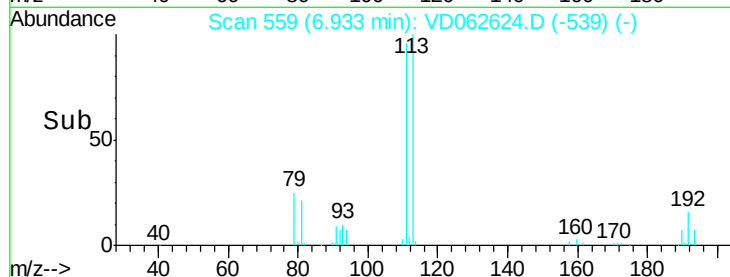
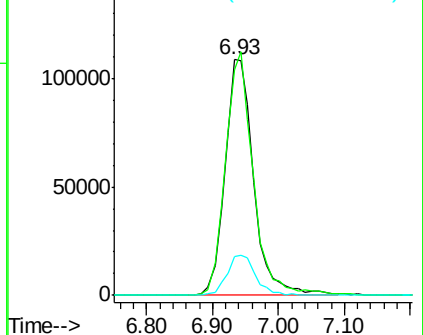
192 16.3 13.0 19.6



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: 28.432 ug/l

RT: 10.42 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD062624.D

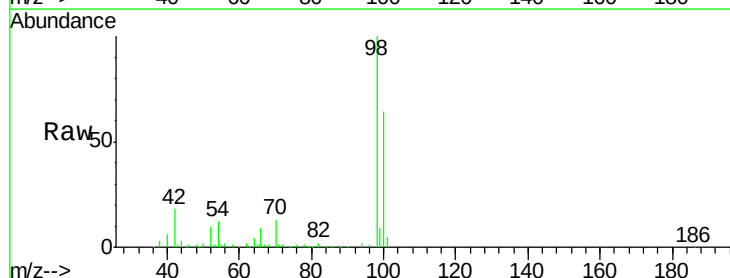
Acq: 6 Jun 2019 13:37

Tgt Ion: 98 Resp: 637450

Ion Ratio Lower Upper

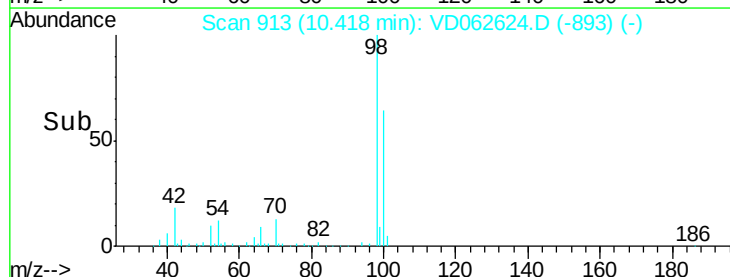
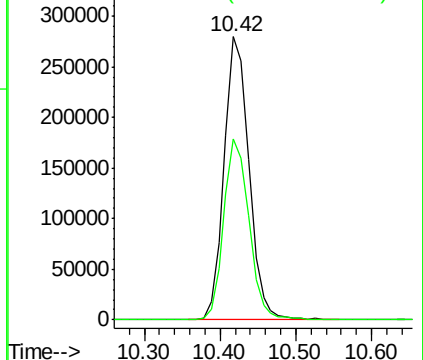
98 100

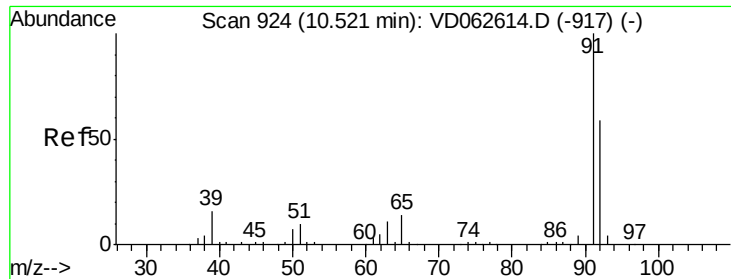
100 63.8 52.8 79.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 1.031 ug/l

RT: 10.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: VD062624.D

Acq: 6 Jun 2019 13:37

Instrument :

MSVOA_D

ClientSampleId :

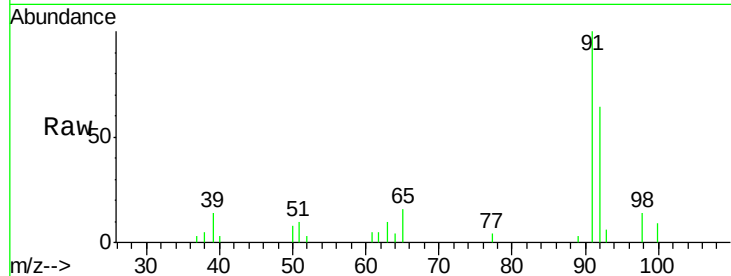
RBR-200027

Tot Ion: 92 Resp: 14870

Ion Ratio Lower Upper

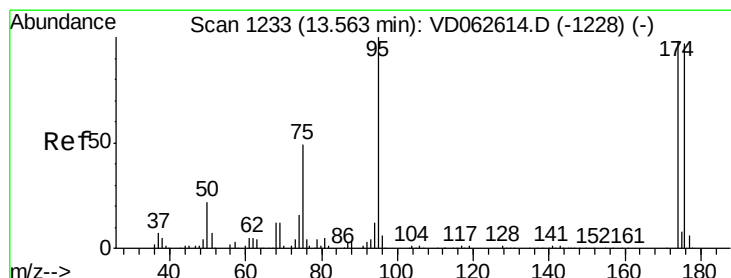
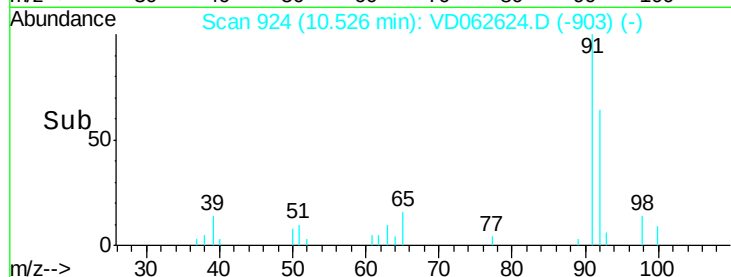
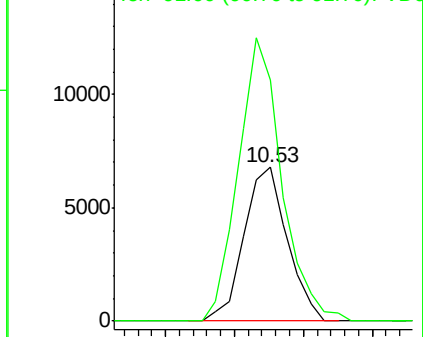
92 100

91 156.7 134.7 202.1



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 26.535 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD062624.D

Acq: 6 Jun 2019 13:37

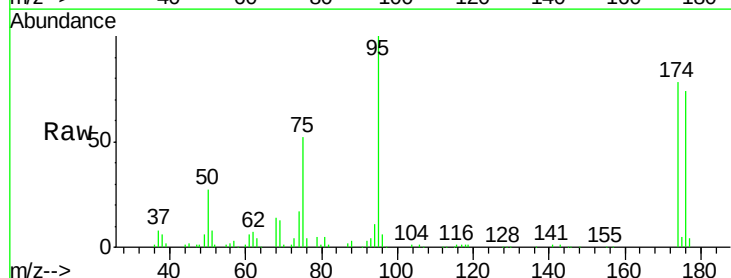
Tgt Ion: 95 Resp: 280465

Ion Ratio Lower Upper

95 100

174 78.5 0.0 195.8

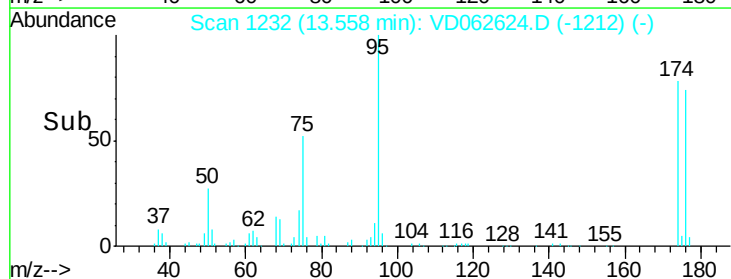
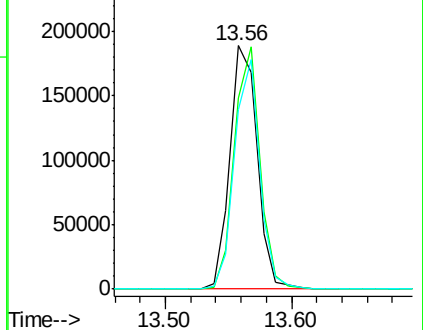
176 74.0 0.0 193.2

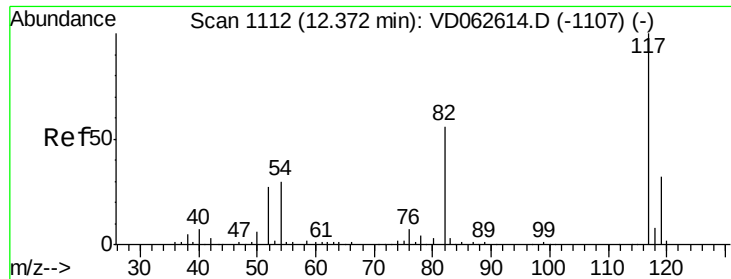


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

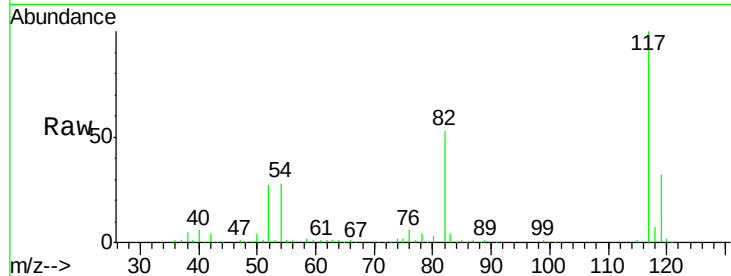




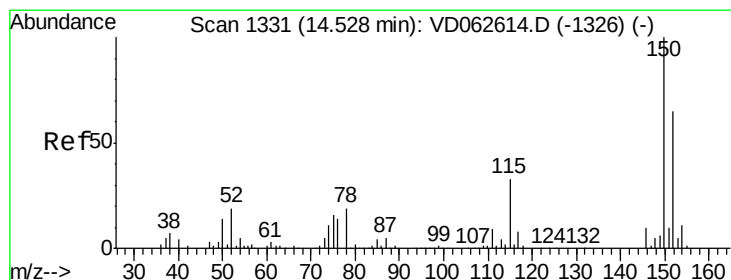
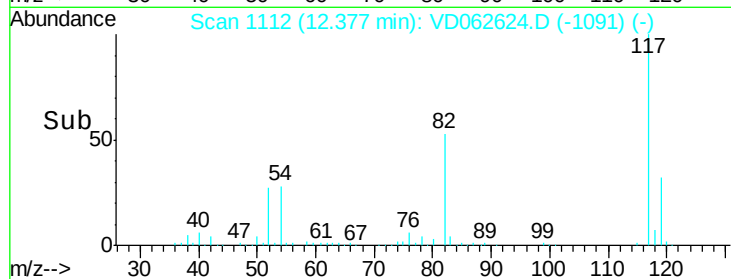
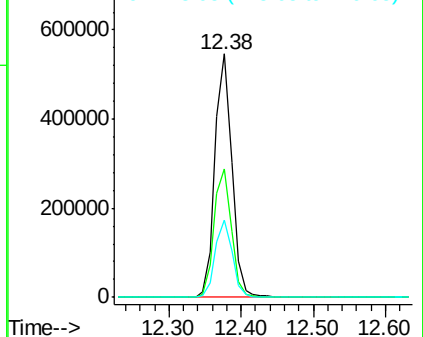
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD062624.D
Acq: 6 Jun 2019 13:37

Instrument :
MSVOA_D
ClientSampleId :
RBR-200027

Tot Ion:117 Resp: 877247
Ion Ratio Lower Upper
117 100
82 52.8 45.0 67.6
119 32.0 25.7 38.5

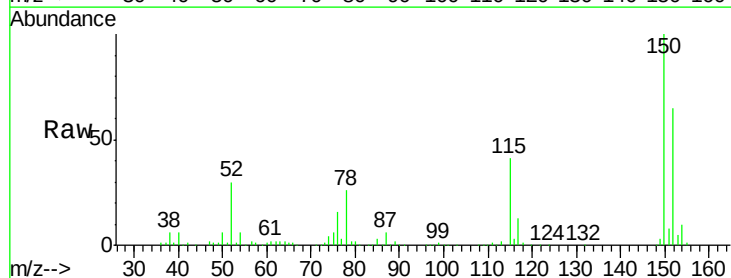


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD062624.D
Acq: 6 Jun 2019 13:37

Tgt Ion:152 Resp: 434412
Ion Ratio Lower Upper
152 100
115 62.8 27.1 81.3
150 154.3 0.0 315.0



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

