

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051419\
 Data File : VD062379.D
 Acq On : 15 May 2019 7:41
 Operator : FY/SY
 Sample : K2779-05
 Misc : 8.27g/5mL/MSVOA D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200052

Quant Time: May 15 11:42:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	178176	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	282366	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.38	117	227055	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	110358	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	149043	90.01	ug/l	0.04
Spiked Amount 50.000			Recovery	=	180.02%	
35) Dibromofluoromethane	6.95	113	121397	51.82	ug/l	0.05
Spiked Amount 50.000			Recovery	=	103.64%	
50) Toluene-d8	10.42	98	158879	28.13	ug/l	0.03
Spiked Amount 50.000			Recovery	=	56.26%	
62) 4-Bromofluorobenzene	13.56	95	99639	43.93	ug/l	0.02
Spiked Amount 50.000			Recovery	=	87.86%	

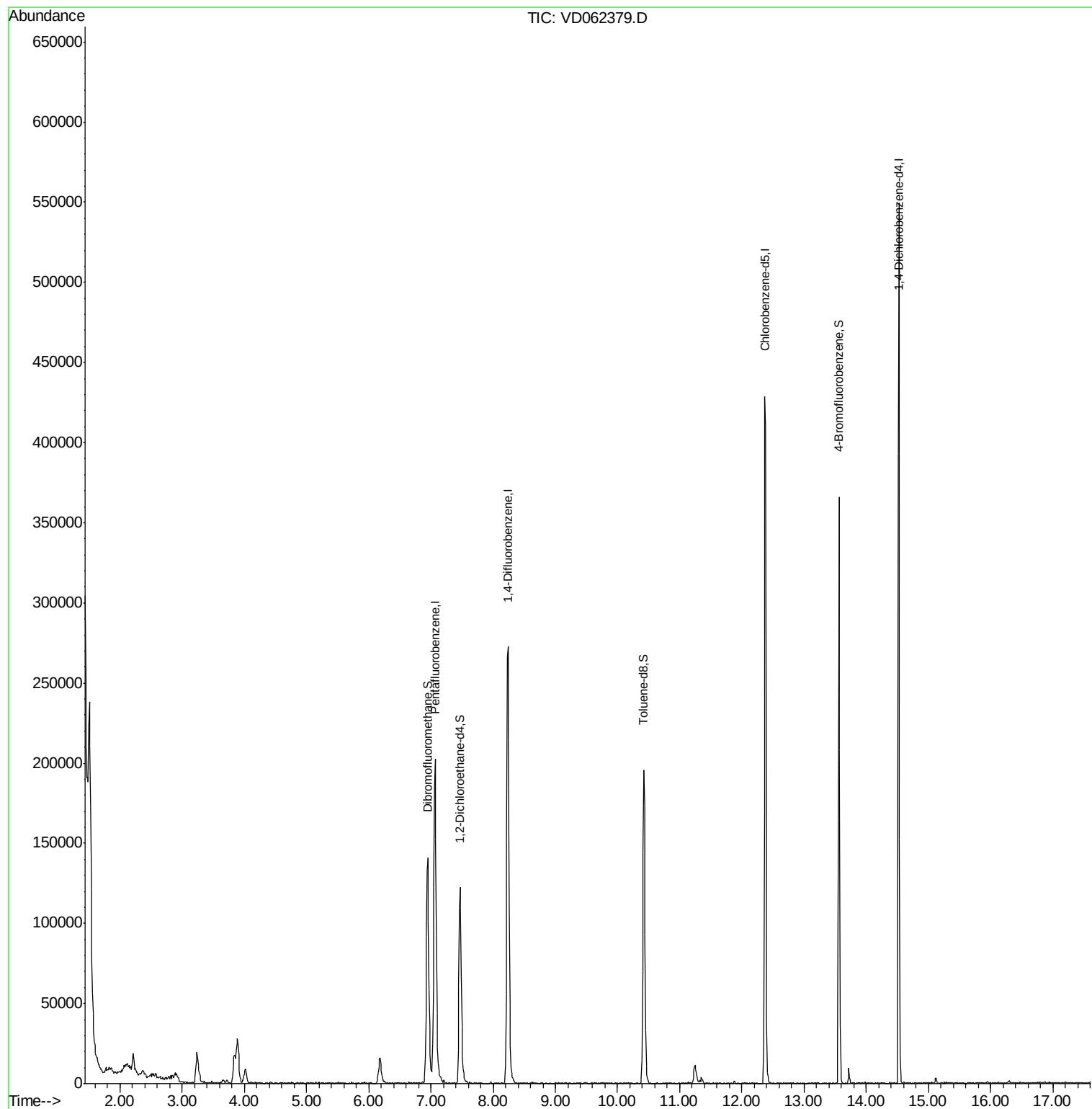
Target Compounds	Qvalue

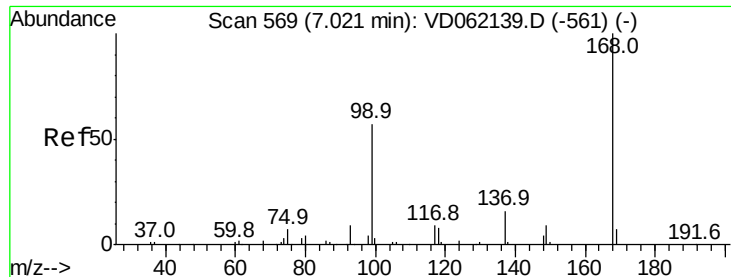
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.05 min

Lab File: VD062379.D

Acq: 15 May 2019 7:41

Instrument :

MSVOA_D

ClientSampleId :

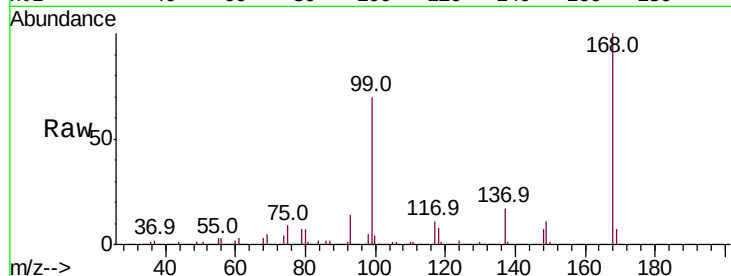
RBR-200052

Tot Ion:168 Resp: 178176

Ion Ratio Lower Upper

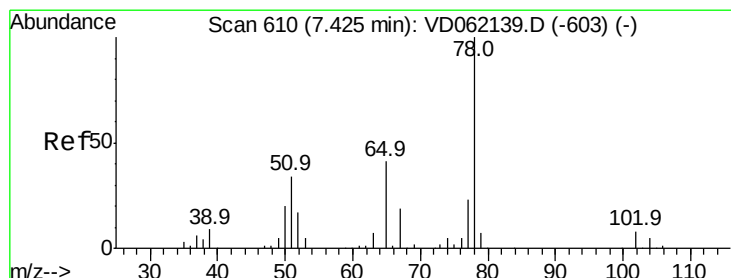
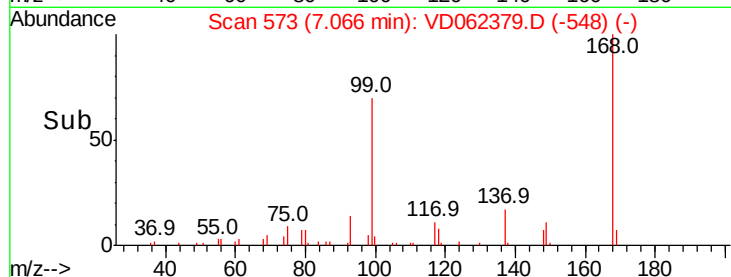
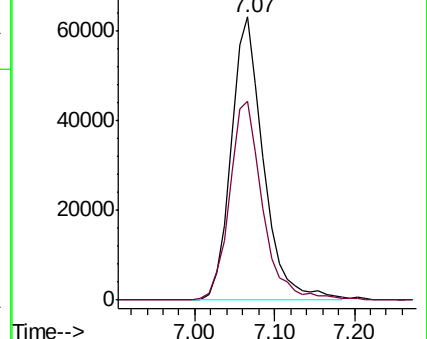
168 100

99 70.3 46.5 69.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 90.012 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062379.D

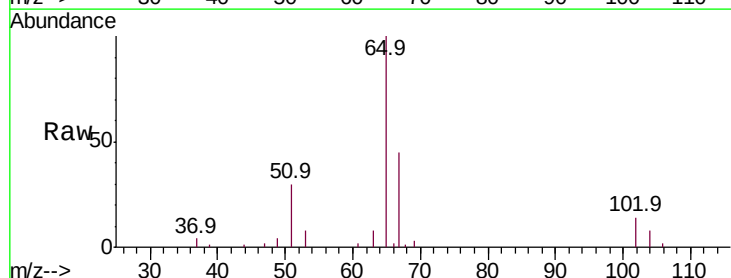
Acq: 15 May 2019 7:41

Tgt Ion: 65 Resp: 149043

Ion Ratio Lower Upper

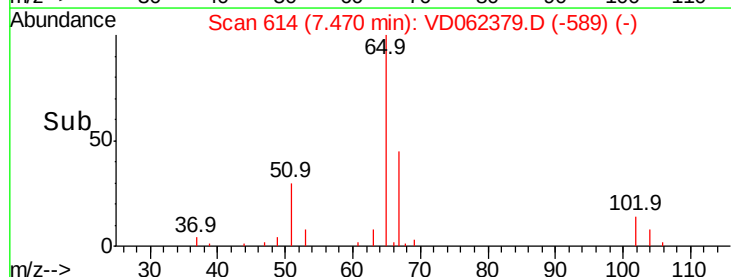
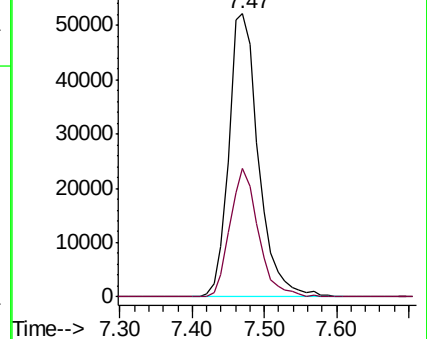
65 100

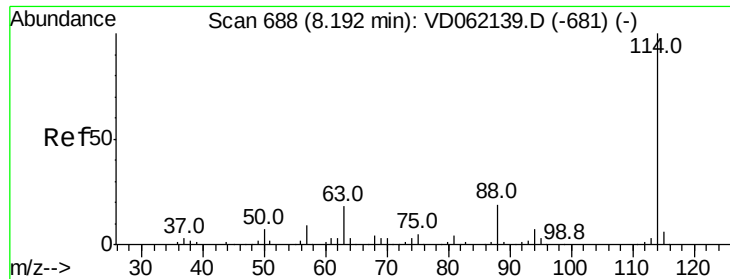
67 45.2 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

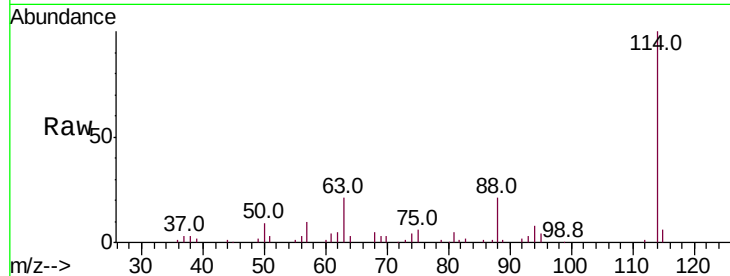




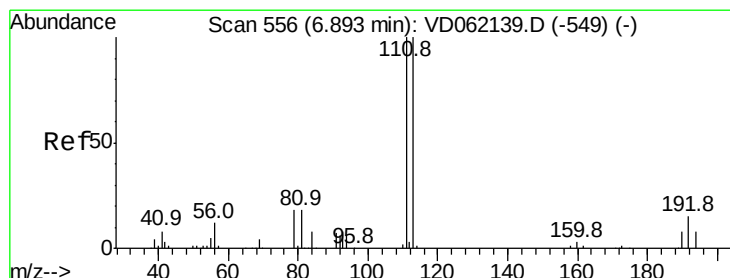
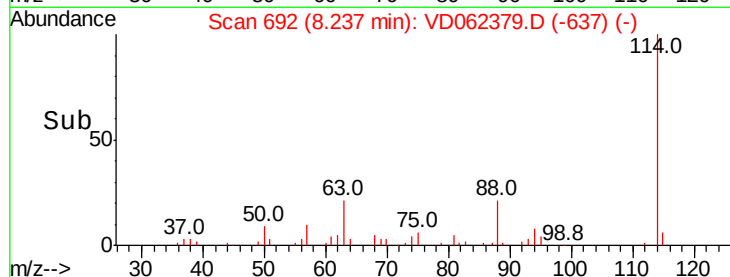
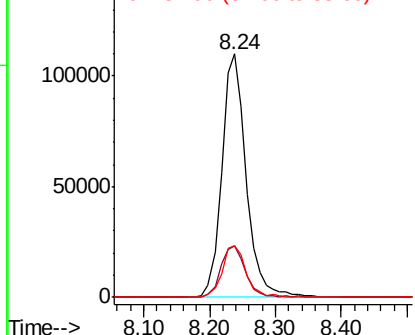
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.05 min
 Lab File: VD062379.D
 Acq: 15 May 2019 7:41

Instrument :
 MSVOA_D
 ClientSampleID :
 RBR-200052

Tot Ion:	114	Resp:	282366
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	32.4
88	21.1	0.0	33.6

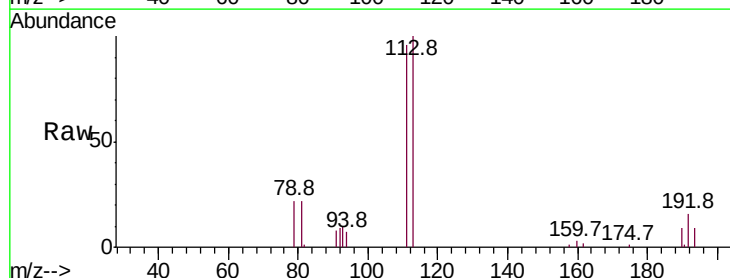


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

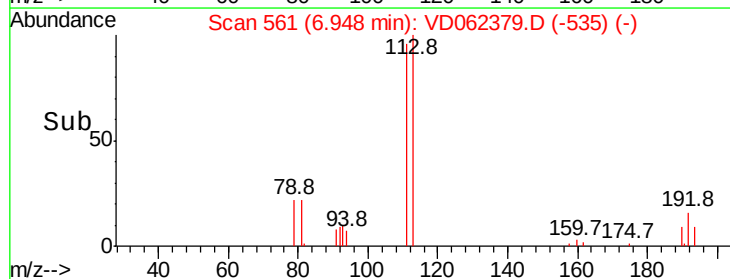
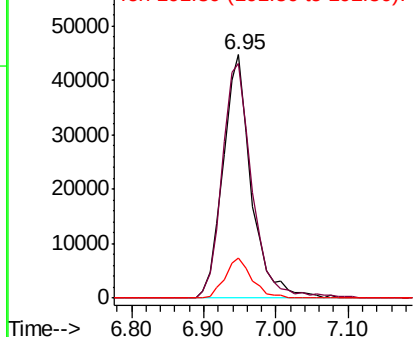


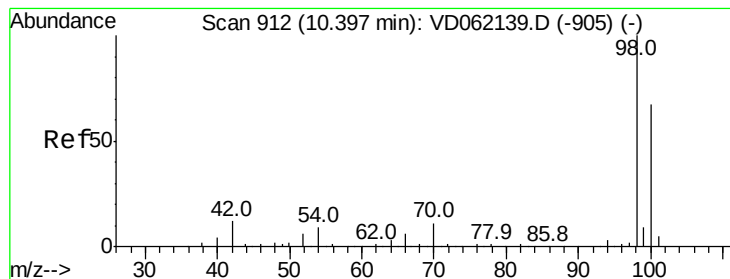
#35
 Dibromofluoromethane
 Concen: 51.817 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062379.D
 Acq: 15 May 2019 7:41

Tgt Ion:	113	Resp:	121397
Ion	Ratio	Lower	Upper
113	100		
111	96.4	78.5	117.7
192	16.3	13.0	19.4



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: 28.127 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.03 min

Lab File: VD062379.D

Acq: 15 May 2019 7:41

Instrument :

MSVOA_D

ClientSampleId :

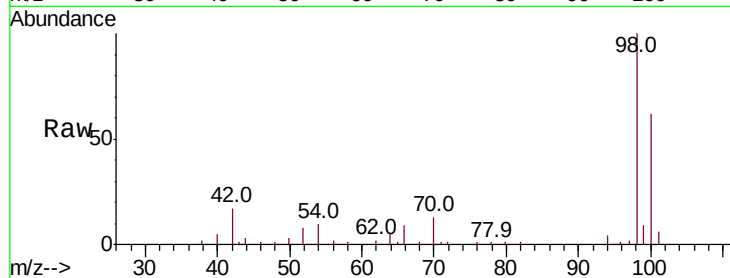
RBR-200052

Tot Ion: 98 Resp: 158879

Ion Ratio Lower Upper

98 100

100 62.2 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD062139.D (-905) (-)

10.42

80000

60000

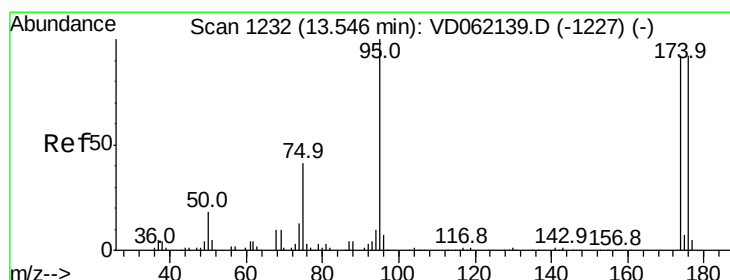
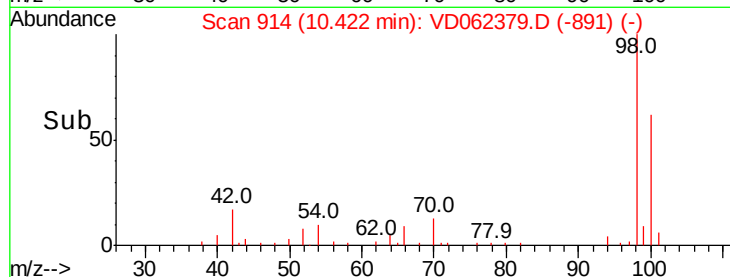
40000

20000

0

Time-->

10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 43.926 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.02 min

Lab File: VD062379.D

Acq: 15 May 2019 7:41

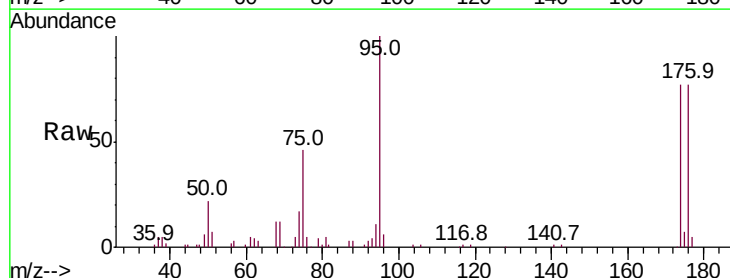
Tgt Ion: 95 Resp: 99639

Ion Ratio Lower Upper

95 100

174 76.7 0.0 181.8

176 77.3 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062139.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD062139.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD062139.D (-1227) (-)

13.56

100000

80000

60000

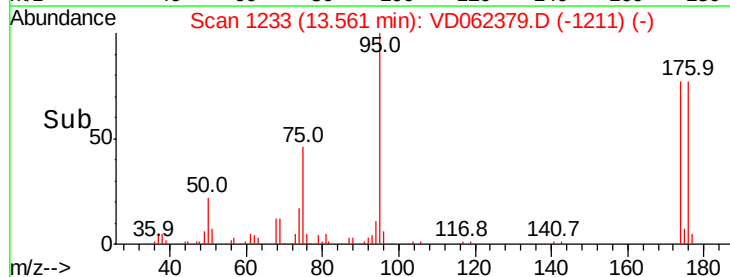
40000

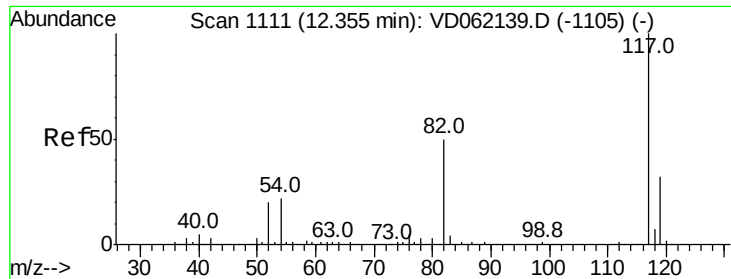
20000

0

Time-->

13.50 13.55 13.60 13.65

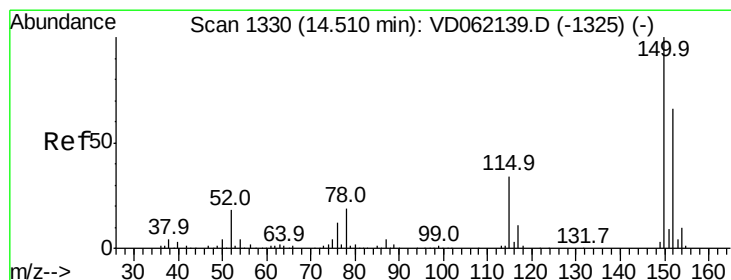
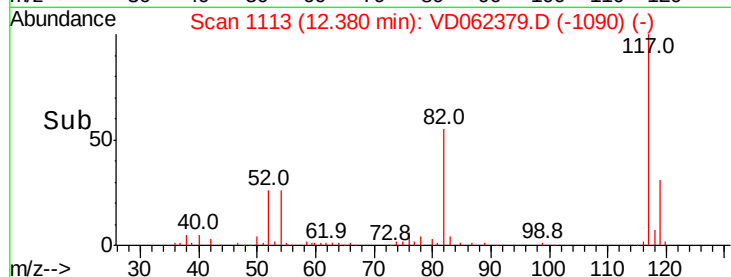
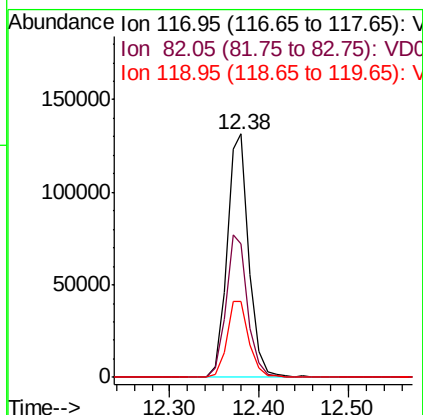
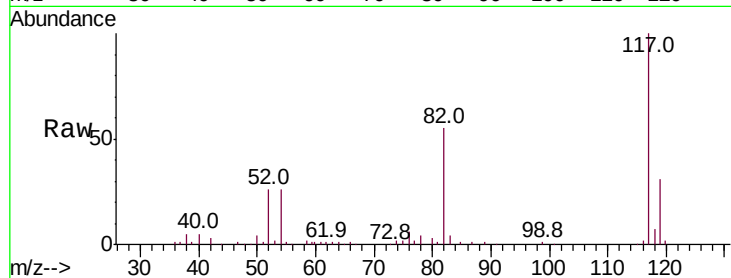




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.03 min
Lab File: VD062379.D
Acq: 15 May 2019 7:41

Instrument :
MSVOA_D
ClientSampleId :
RBR-200052

Tot Ion:117 Resp: 227055
Ion Ratio Lower Upper
117 100
82 54.6 36.2 54.2#
119 31.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.02 min
Lab File: VD062379.D
Acq: 15 May 2019 7:41

Tgt Ion:152 Resp: 110358
Ion Ratio Lower Upper
152 100
115 54.2 30.9 92.7
150 149.3 0.0 314.8

