

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070819\
 Data File : VD063041.D
 Acq On : 8 Jul 2019 17:25
 Operator : VA/AP
 Sample : K3693-01
 Misc : 6.44g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200028

Quant Time: Jul 09 05:45:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

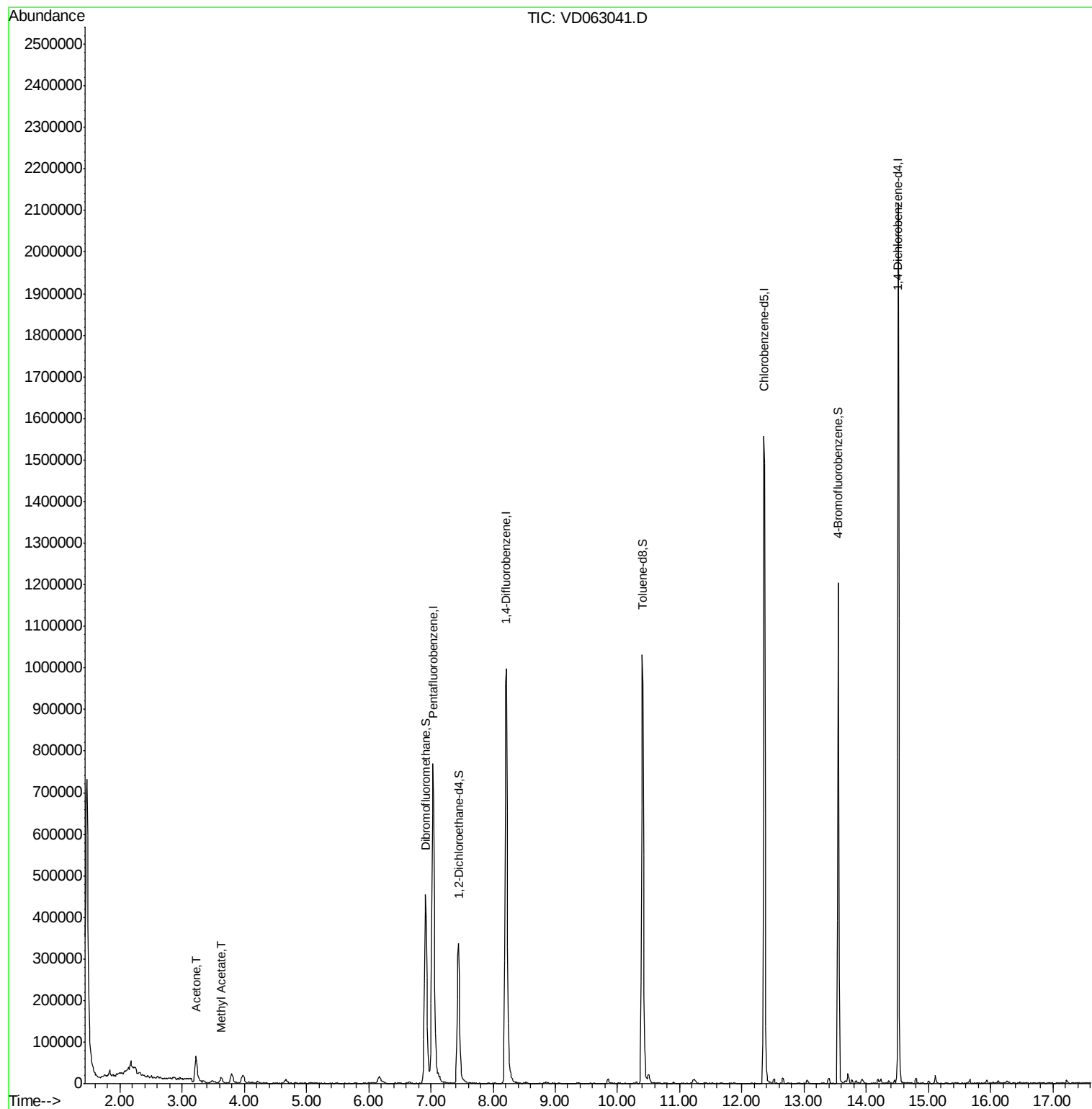
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	757913	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	1110335	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	864744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	418616	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	391788	47.56	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	95.12%	
35) Dibromofluoromethane	6.91	113	408821	43.67	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	87.34%	
50) Toluene-d8	10.40	98	831857	40.82	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	81.64%	
62) 4-Bromofluorobenzene	13.55	95	341118	36.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.64%	
Target Compounds						
16) Acetone	3.22	43	115466	63.906	ug/l #	92
18) Methyl Acetate	3.63	43	21045	8.462	ug/l	93

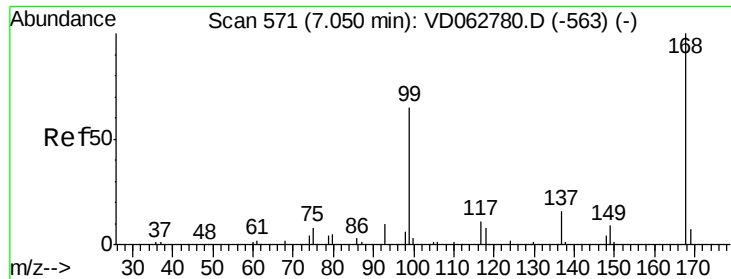
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.02 min

Lab File: VD063041.D

Acq: 8 Jul 2019 17:25

Instrument :

MSVOA_D

ClientSampleId :

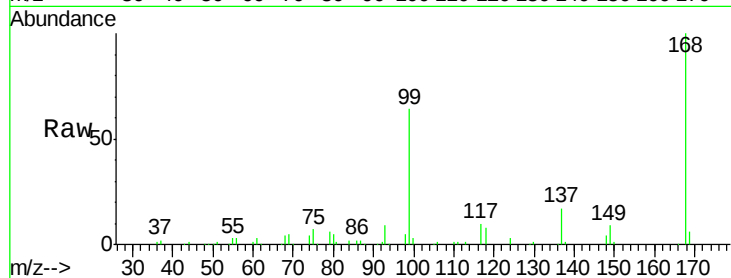
RBR-200028

Tot Ion:168 Resp: 757913

Ion Ratio Lower Upper

168 100

99 64.4 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

250000

200000

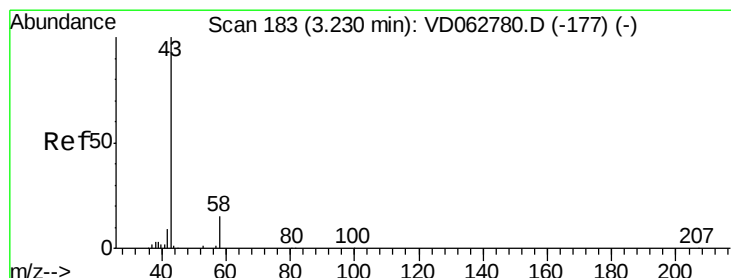
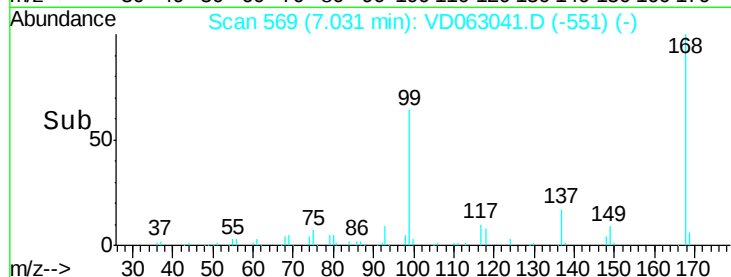
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 63.906 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD063041.D

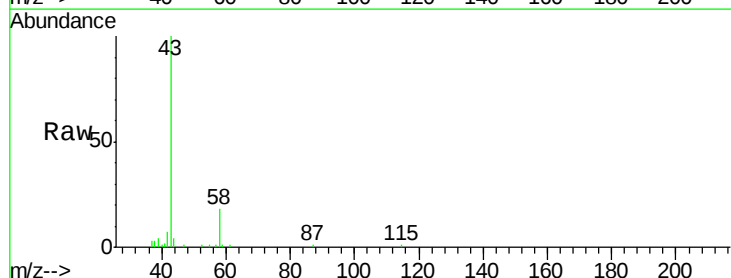
Acq: 8 Jul 2019 17:25

Tgt Ion: 43 Resp: 115466

Ion Ratio Lower Upper

43 100

58 18.3 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

50000

40000

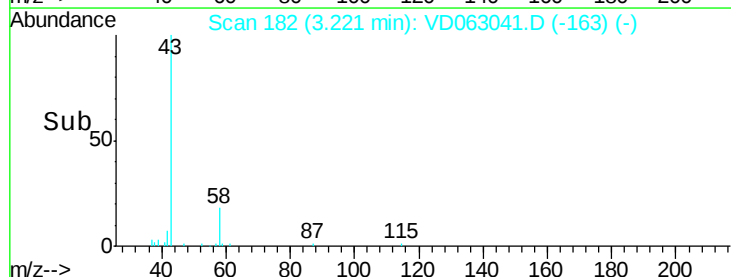
30000

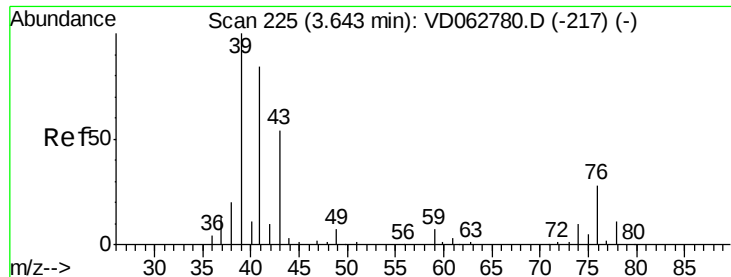
20000

10000

0

Time-->

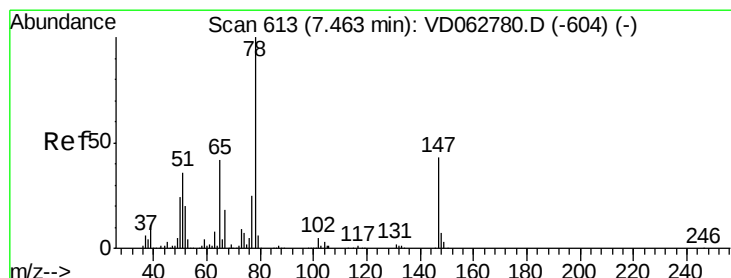
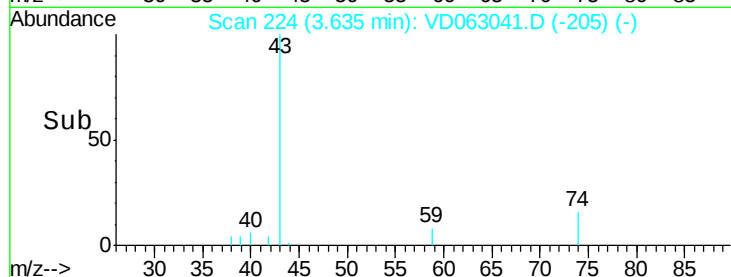
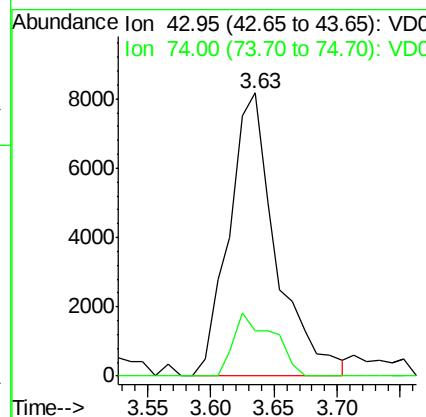
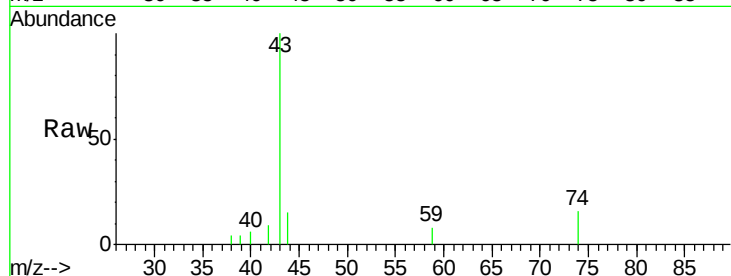




#18
Methyl Acetate
Concen: 8.462 ug/l
RT: 3.63 min Scan# 224
Delta R.T. -0.01 min
Lab File: VD063041.D
Acq: 8 Jul 2019 17:25

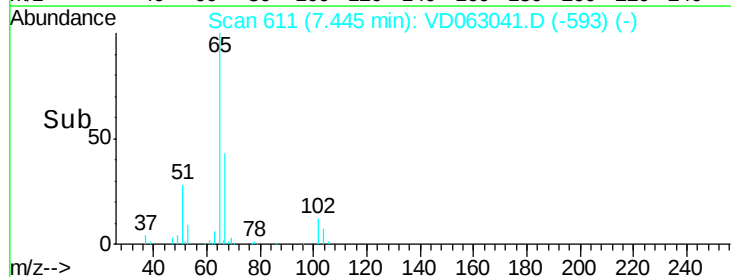
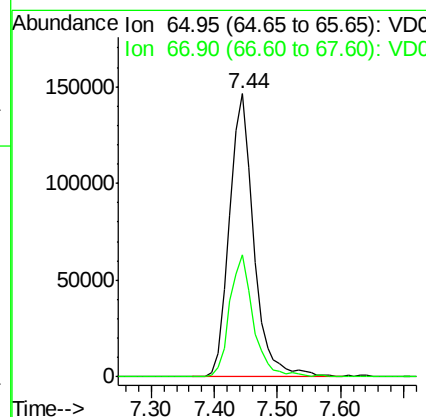
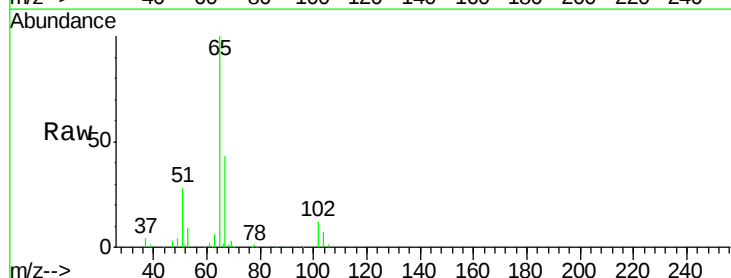
Instrument :
MSVOA_D
ClientSampleId :
RBR-200028

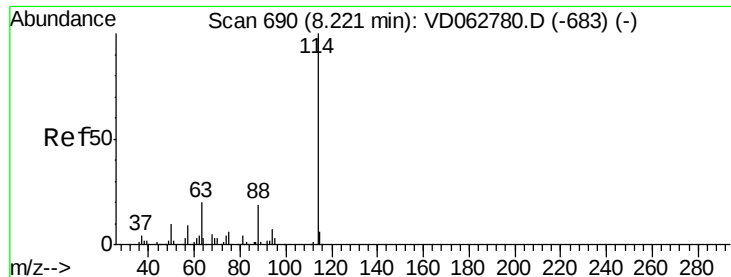
Tot Ion: 43 Resp: 21045
Ion Ratio Lower Upper
43 100
74 15.9 15.2 22.8



#33
1,2-Dichloroethane-d4
Concen: 47.556 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.02 min
Lab File: VD063041.D
Acq: 8 Jul 2019 17:25

Tgt Ion: 65 Resp: 391788
Ion Ratio Lower Upper
65 100
67 42.9 0.0 87.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD063041.D

Acq: 8 Jul 2019 17:25

Instrument :

MSVOA_D

ClientSampleId :

RBR-200028

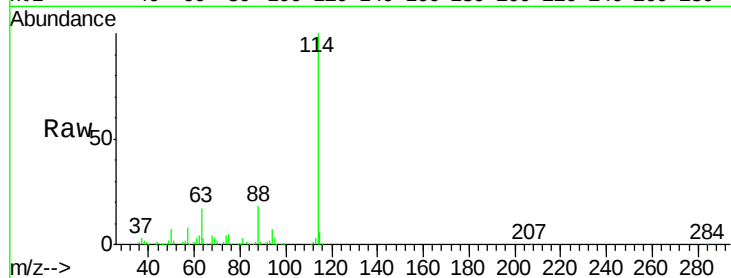
Tot Ion:114 Resp: 1110335

Ion Ratio Lower Upper

114 100

63 17.1 0.0 40.0

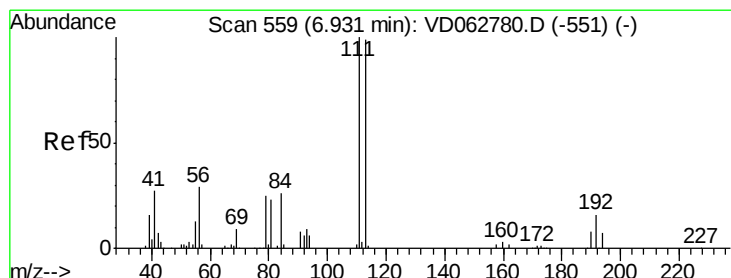
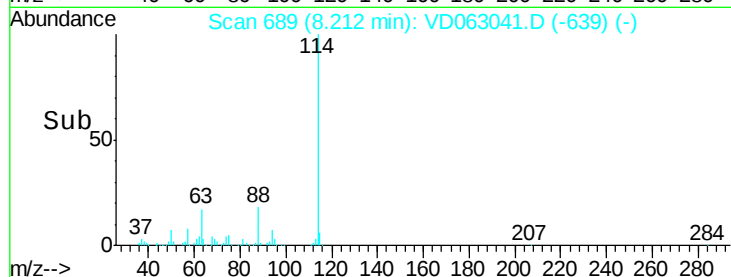
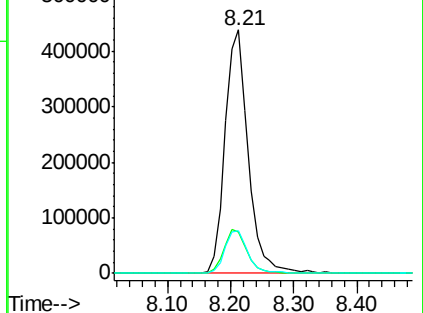
88 17.5 0.0 38.8



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: 43.667 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.02 min

Lab File: VD063041.D

Acq: 8 Jul 2019 17:25

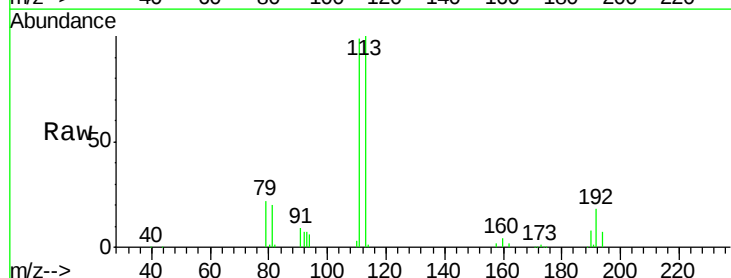
Tgt Ion:113 Resp: 408821

Ion Ratio Lower Upper

113 100

111 98.9 81.2 121.8

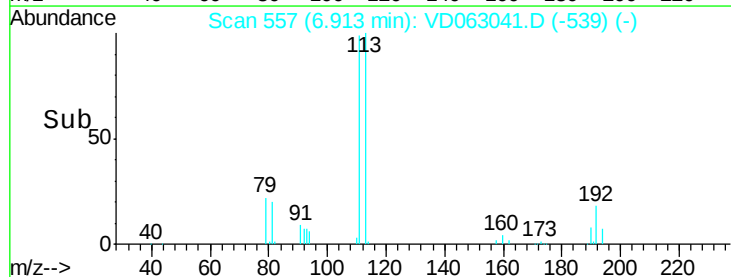
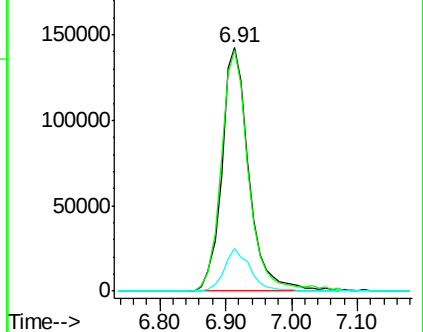
192 17.6 12.9 19.3

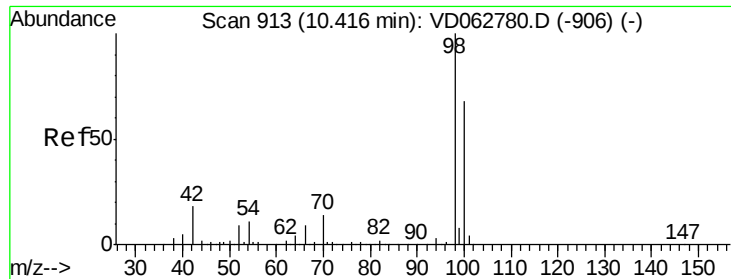


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 40.824 ug/l

RT: 10.40 min Scan# 911

Delta R.T. -0.02 min

Lab File: VD063041.D

Acq: 8 Jul 2019 17:25

Instrument :

MSVOA_D

ClientSampleId :

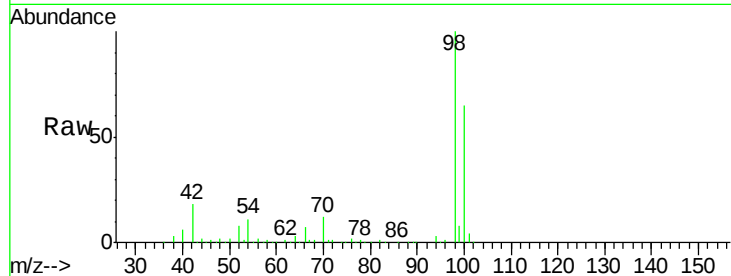
RBR-200028

Tot Ion: 98 Resp: 831857

Ion Ratio Lower Upper

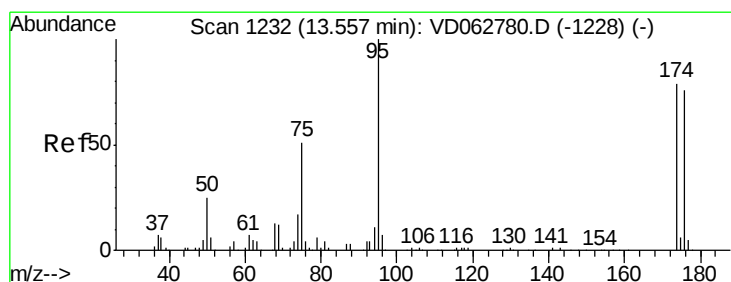
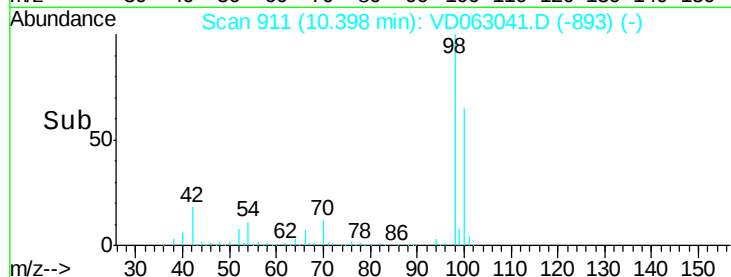
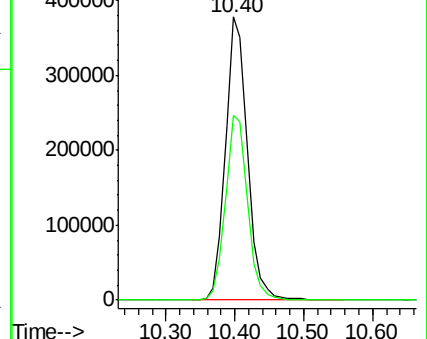
98 100

100 65.2 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 36.816 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD063041.D

Acq: 8 Jul 2019 17:25

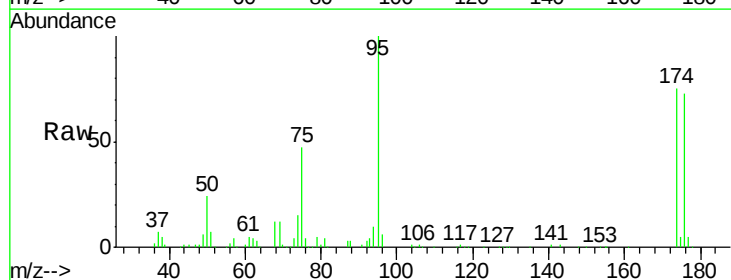
Tgt Ion: 95 Resp: 341118

Ion Ratio Lower Upper

95 100

174 75.1 0.0 158.0

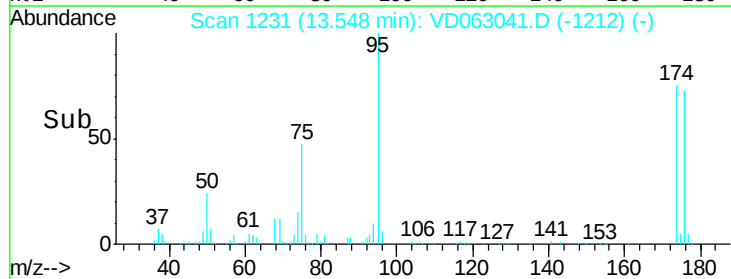
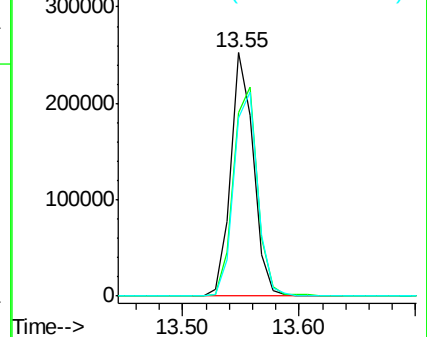
176 73.2 0.0 151.6

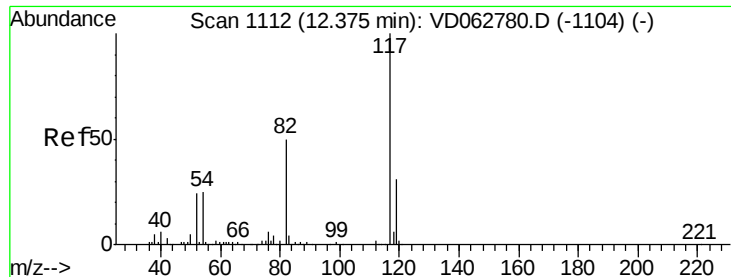


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

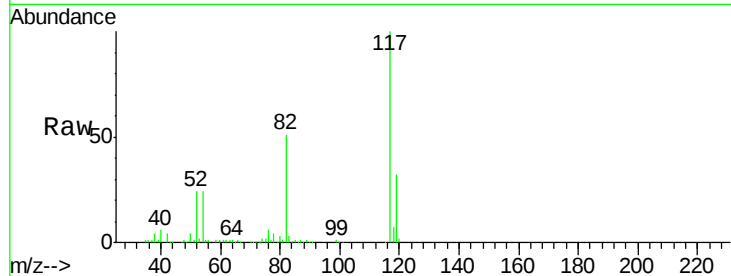




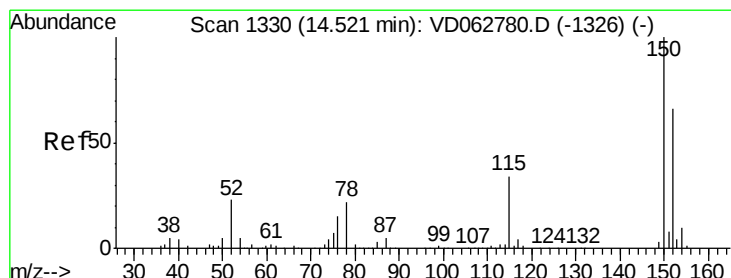
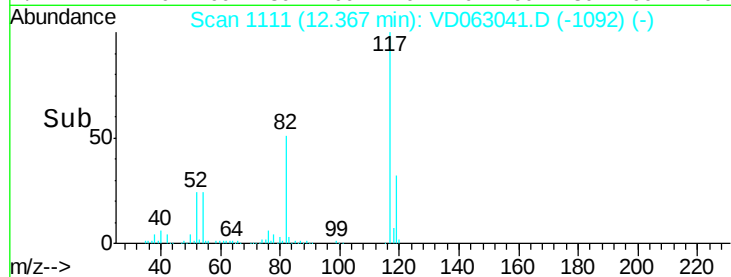
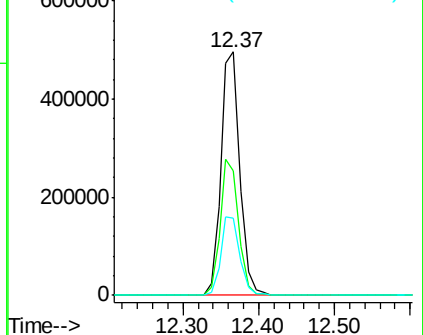
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063041.D
Acq: 8 Jul 2019 17:25

Instrument :
MSVOA_D
ClientSampleId :
RBR-200028

Tot Ion:117 Resp: 864744
Ion Ratio Lower Upper
117 100
82 51.0 40.4 60.6
119 31.9 25.2 37.8

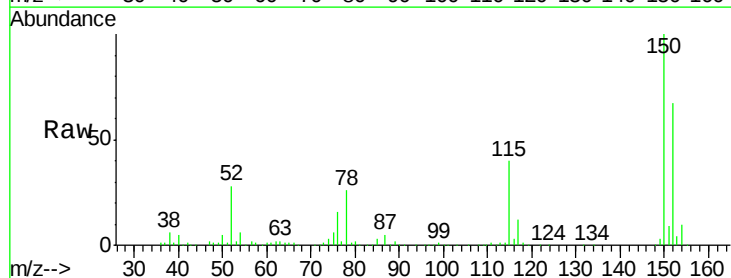


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063041.D
Acq: 8 Jul 2019 17:25

Tgt Ion:152 Resp: 418616
Ion Ratio Lower Upper
152 100
115 59.4 29.2 87.6
150 149.4 0.0 305.8



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

