

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071619\
 Data File : VD063116.D
 Acq On : 16 Jul 2019 19:40
 Operator : VA/AP
 Sample : K3826-01
 Misc : 4.04g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200034

Quant Time: Jul 17 08:36:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 2019
 Response via : Initial Calibration

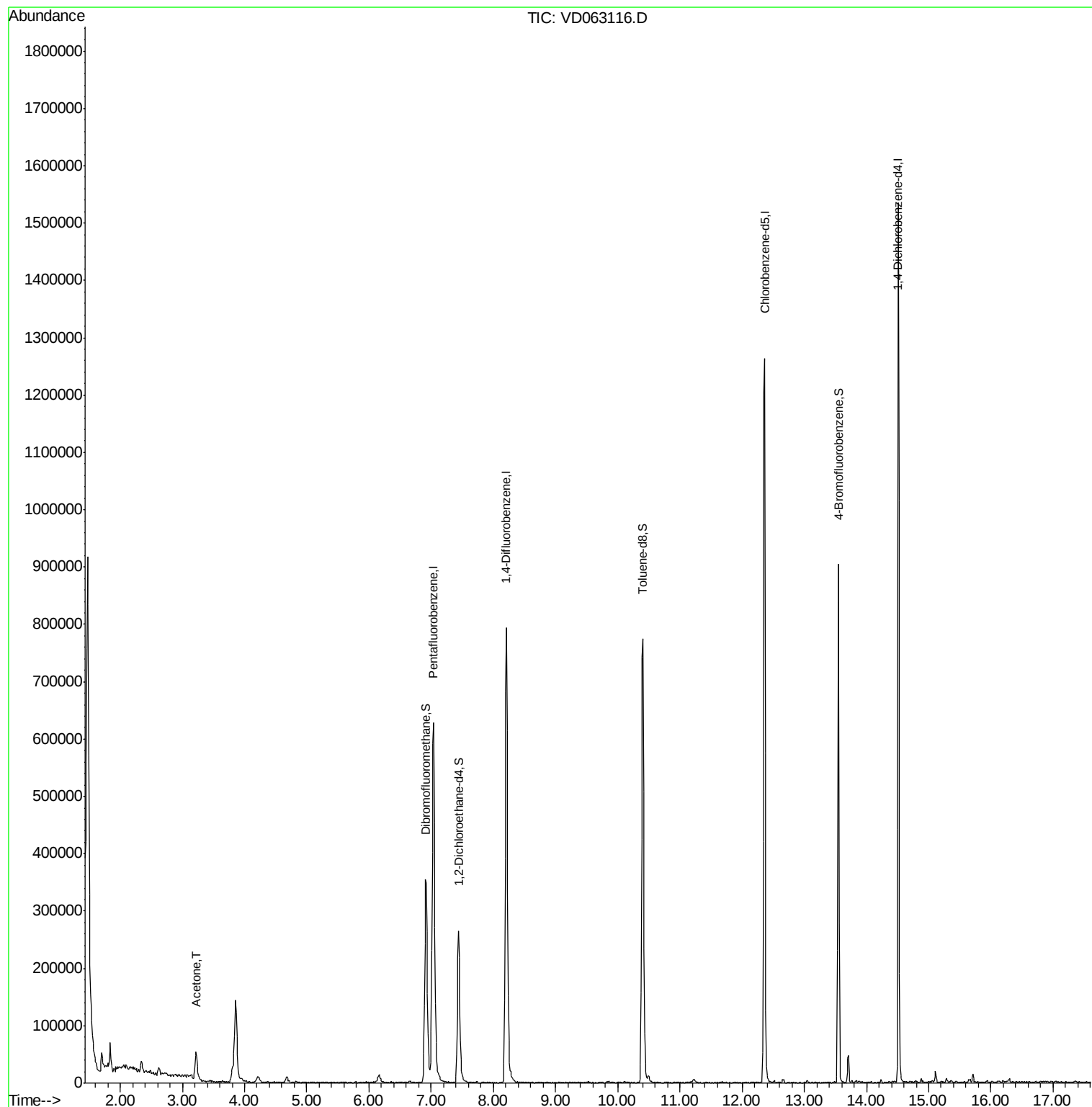
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	603152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	855708	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	721735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	324635	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	298982	39.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.58%	
35) Dibromofluoromethane	6.92	113	317207	37.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.44%	
50) Toluene-d8	10.40	98	647827	35.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.78%	
62) 4-Bromofluorobenzene	13.55	95	271453	32.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.10%	
Target Compounds						
16) Acetone	3.22	43	99566	54.866	ug/l #	Qvalue 92

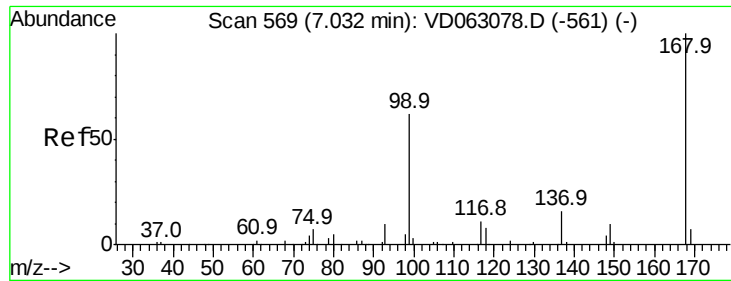
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

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Instrument :

MSVOA_D

ClientSampleId :

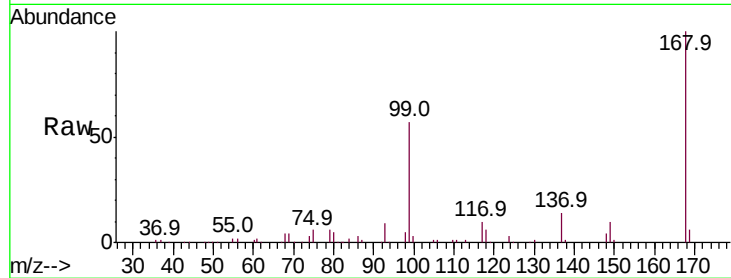
RBR-200034

Tot Ion:168 Resp: 603152

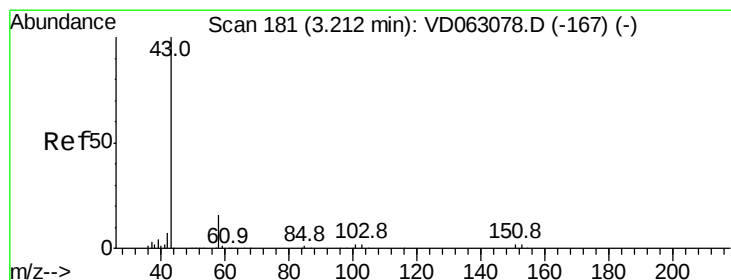
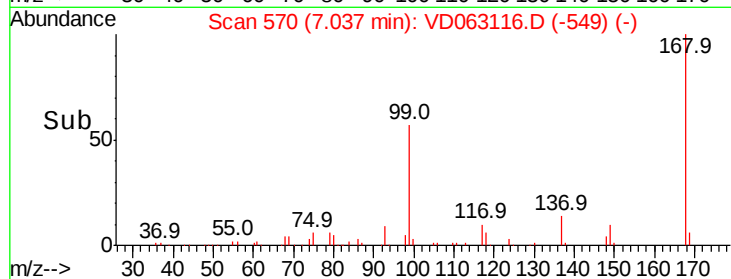
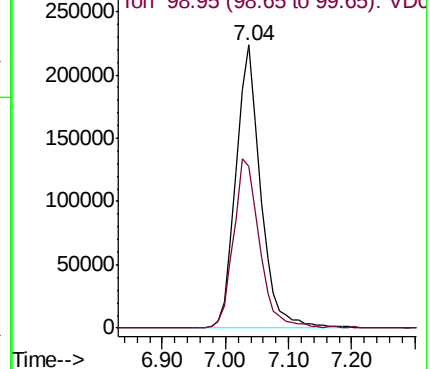
Ion Ratio Lower Upper

168 100

99 57.1 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 54.866 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD063116.D

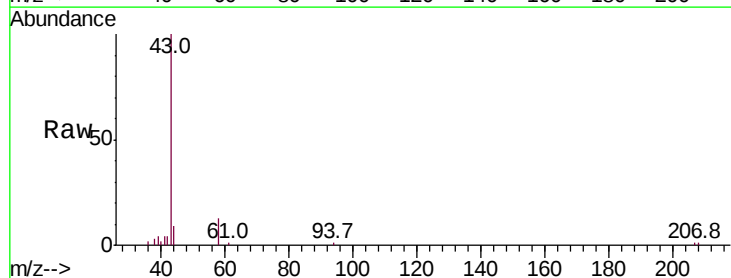
Acq: 16 Jul 2019 19:40

Tgt Ion: 43 Resp: 99566

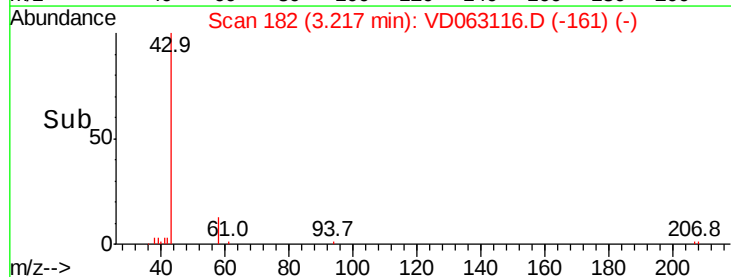
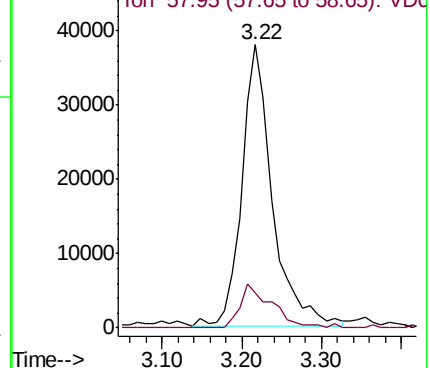
Ion Ratio Lower Upper

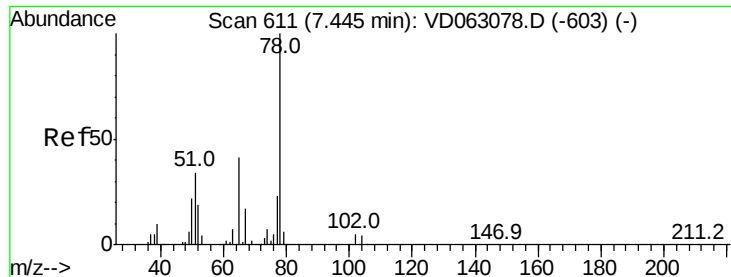
43 100

58 12.6 13.0 19.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 39.793 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.00 min

Lab File: VD063116.D

Acq: 16 Jul 2019 19:40

Instrument :

MSVOA_D

ClientSampleId :

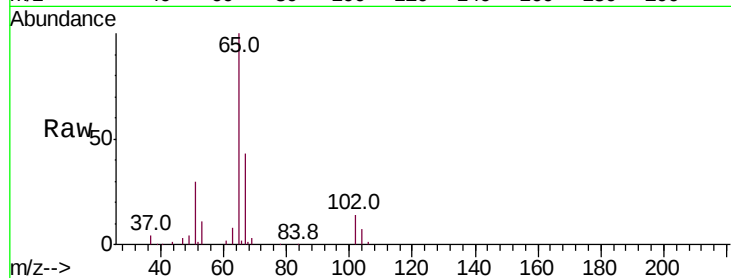
RBR-200034

Tot Ion: 65 Resp: 298982

Ion Ratio Lower Upper

65 100

67 43.2 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

120000

100000

80000

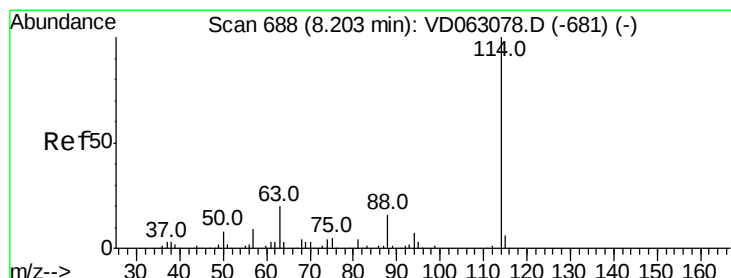
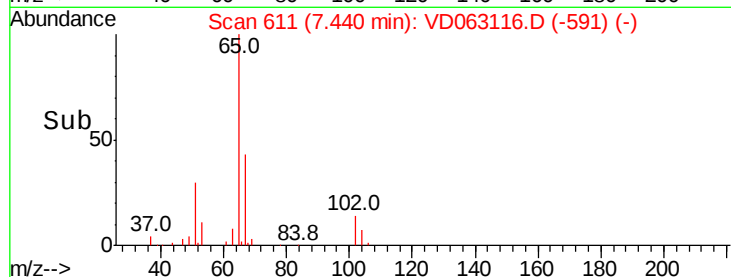
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. 0.00 min

Lab File: VD063116.D

Acq: 16 Jul 2019 19:40

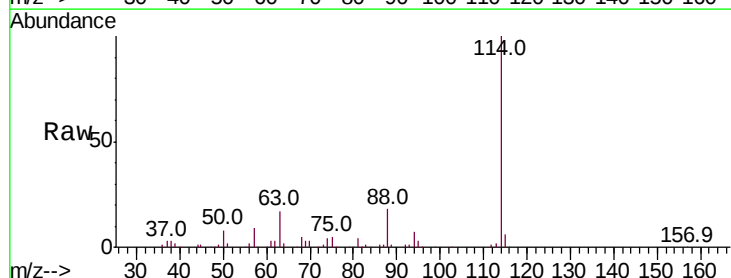
Tgt Ion: 114 Resp: 855708

Ion Ratio Lower Upper

114 100

63 17.0 0.0 40.6

88 17.6 0.0 32.6



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

8.21

400000

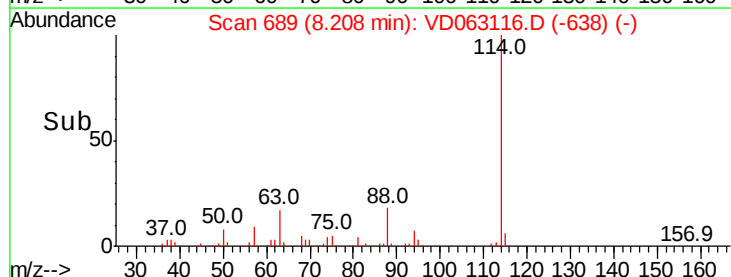
300000

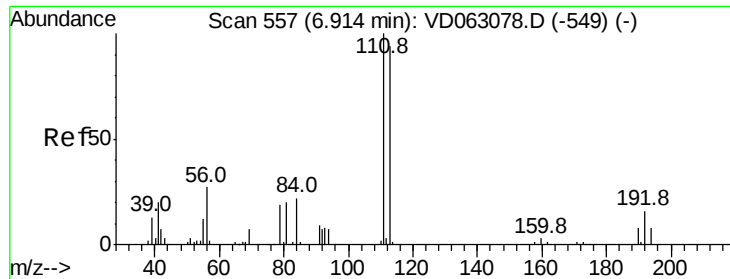
200000

100000

0

Time-->

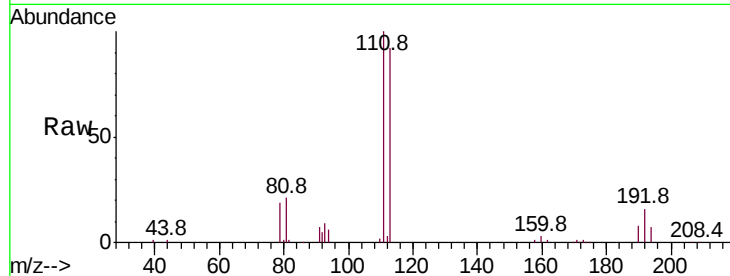




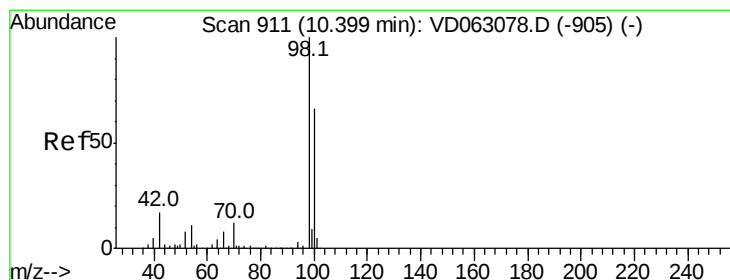
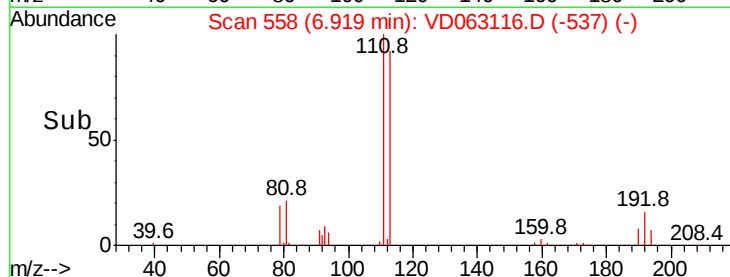
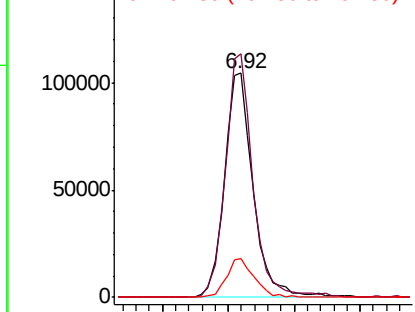
#35
 Dibromofluoromethane
 Concen: 37.218 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: VD063116.D
 Acq: 16 Jul 2019 19:40

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200034

Tot Ion	Ratio	Lower	Upper
113	100		
111	108.7	84.8	127.2
192	17.2	13.4	20.0

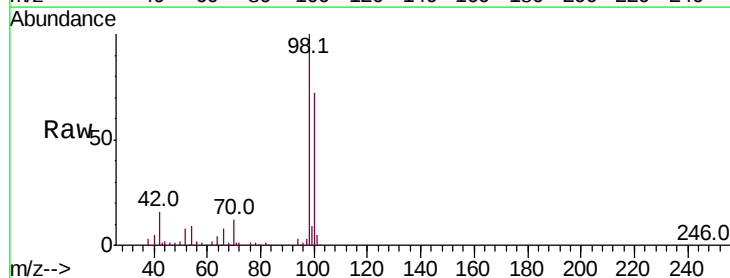


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

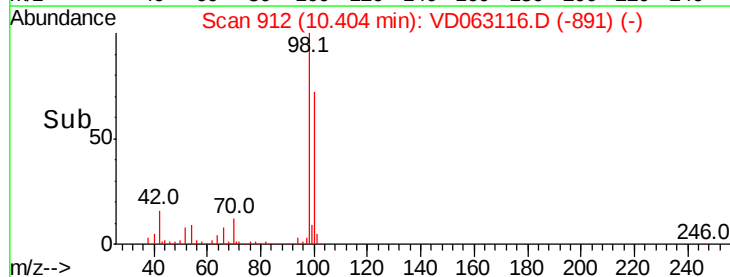
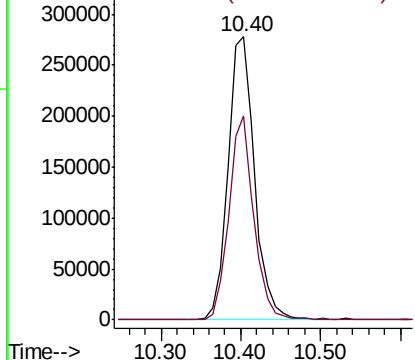


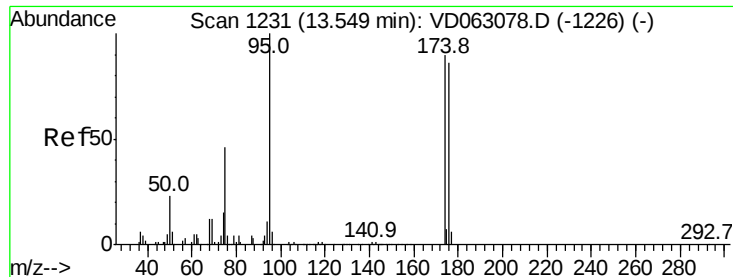
#50
 Toluene-d8
 Concen: 35.386 ug/l
 RT: 10.40 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: VD063116.D
 Acq: 16 Jul 2019 19:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	72.0	53.5	80.3



Abundance Ion 98.05 (97.75 to 98.75): VDC
 Ion 100.05 (99.75 to 100.75): VD





#62

4-Bromofluorobenzene

Concen: 32.050 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063116.D

Acq: 16 Jul 2019 19:40

Instrument :

MSVOA_D

ClientSampleId :

RBR-200034

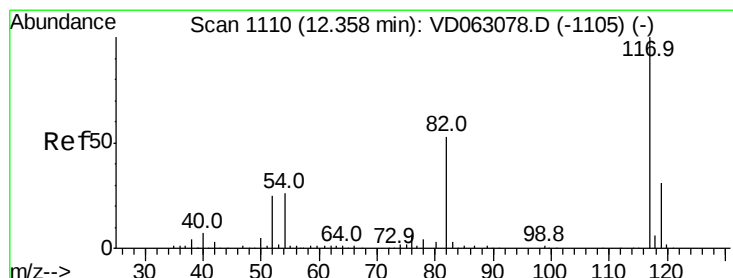
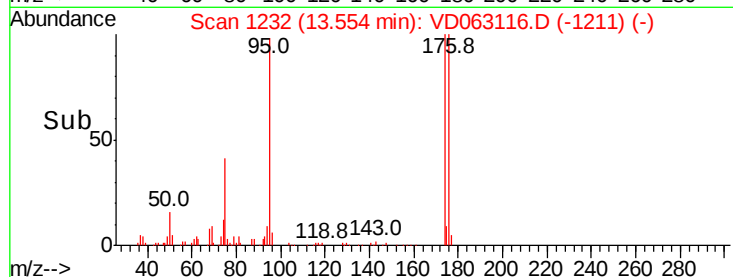
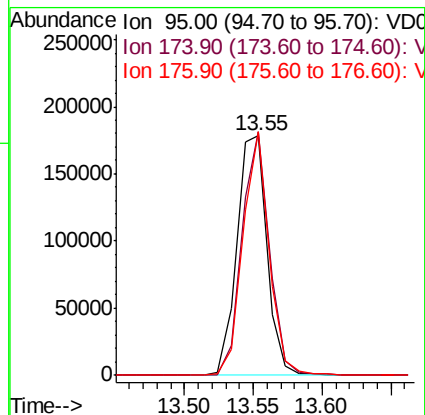
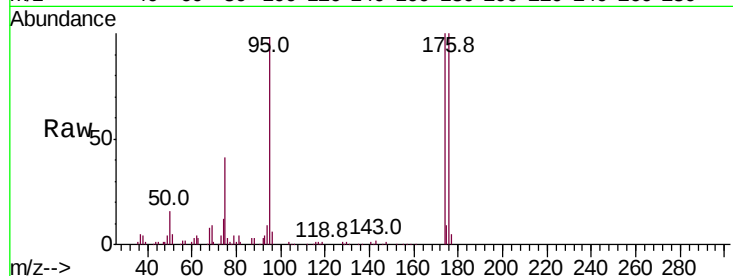
Tot Ion: 95 Resp: 271453

Ion Ratio Lower Upper

95 100

174 101.6 0.0 180.6

176 101.5 0.0 172.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD063116.D

Acq: 16 Jul 2019 19:40

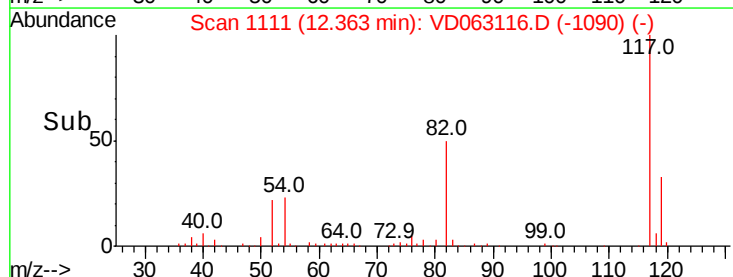
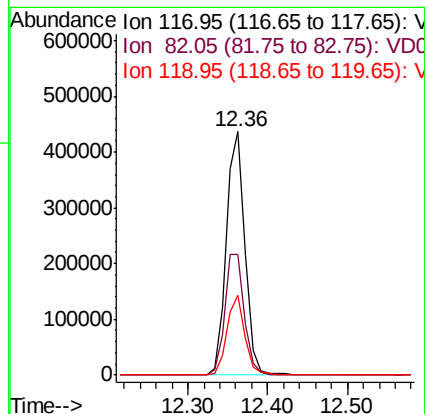
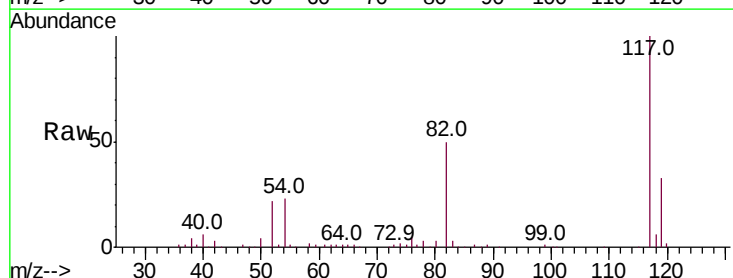
Tgt Ion: 117 Resp: 721735

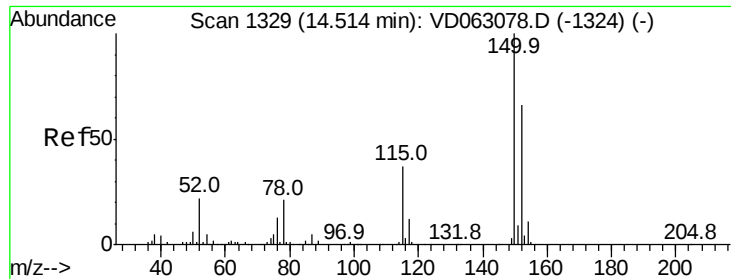
Ion Ratio Lower Upper

117 100

82 49.6 42.3 63.5

119 32.5 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1329

Delta R.T. -0.00 min

Lab File: VD063116.D

Acq: 16 Jul 2019 19:40

Instrument :

MSVOA_D

ClientSampleId :

RBR-200034

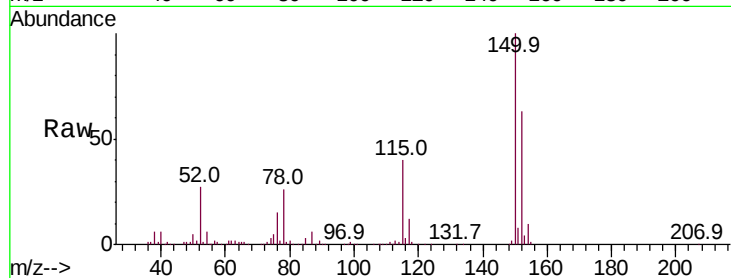
Tot Ion:152 Resp: 324635

Ion Ratio Lower Upper

152 100

115 63.3 28.9 86.8

150 159.7 0.0 313.8



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

