

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071719\
 Data File : VD063137.D
 Acq On : 17 Jul 2019 17:54
 Operator : VA/AP
 Sample : K3830-03
 Misc : 6.95g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-4651

Quant Time: Jul 18 07:58:13 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

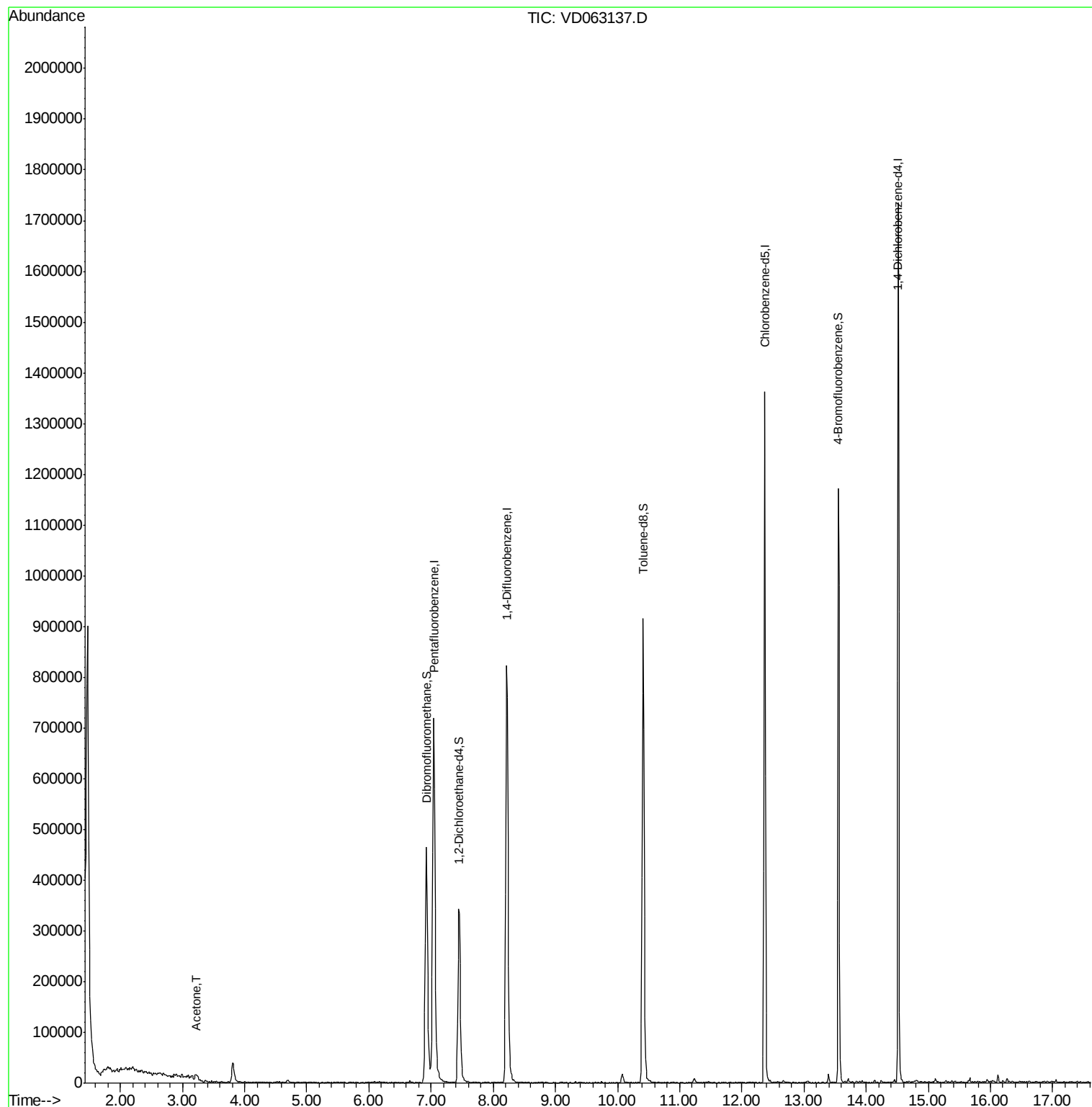
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	704414	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	955446	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	755086	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	363064	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	392964	44.78	ug/l	0.01
Spiked Amount 50.000			Recovery	=	89.56%	
35) Dibromofluoromethane	6.93	113	396781	41.69	ug/l	0.01
Spiked Amount 50.000			Recovery	=	83.38%	
50) Toluene-d8	10.41	98	742762	36.34	ug/l	0.01
Spiked Amount 50.000			Recovery	=	72.68%	
62) 4-Bromofluorobenzene	13.55	95	333608	35.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.56%	
Target Compounds						
16) Acetone	3.22	43	29046	13.705	ug/l #	Qvalue 66

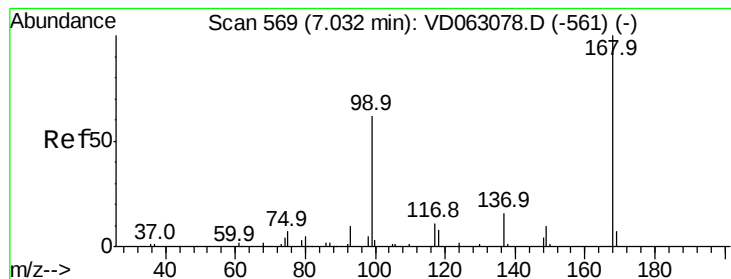
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071719\
Data File : VD063137.D
Acq On : 17 Jul 2019 17:54
Operator : VA/AP
Sample : K3830-03
Misc : 6.95g/5ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RT-4651

Quant Time: Jul 18 07:58:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 08:11:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD063137.D

Acq: 17 Jul 2019 17:54

Instrument :

MSVOA_D

ClientSampleId :

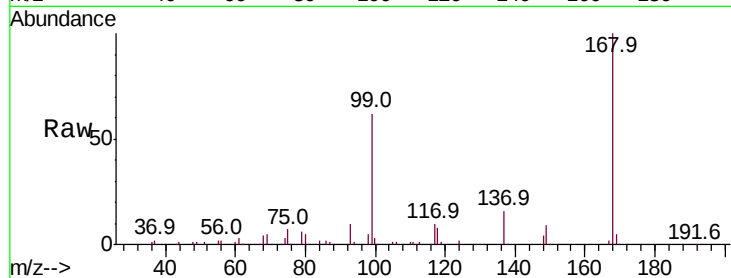
RT-4651

Tot Ion:168 Resp: 704414

Ion Ratio Lower Upper

168 100

99 61.9 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

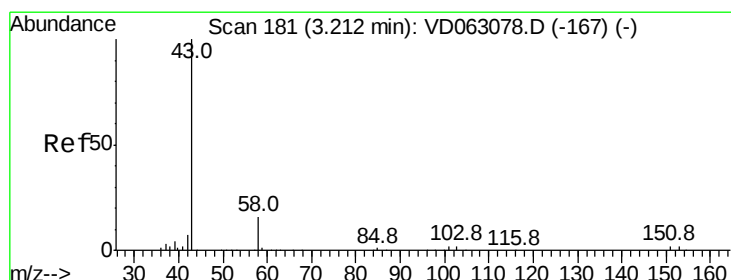
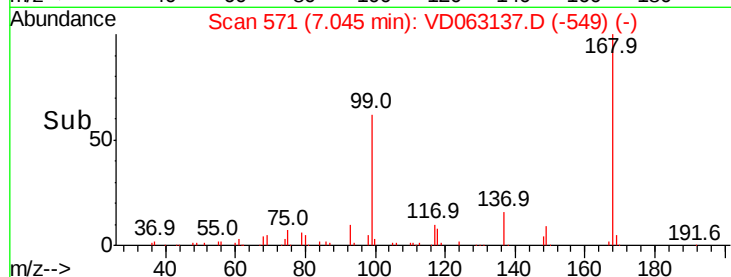
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 13.705 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD063137.D

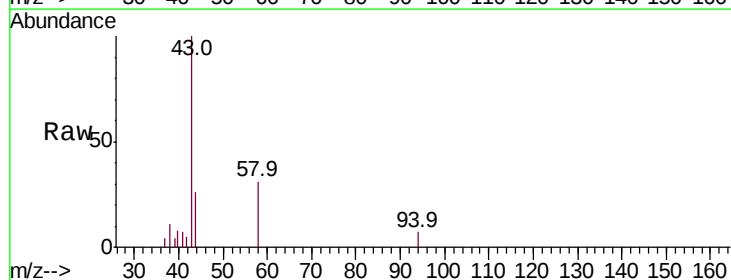
Acq: 17 Jul 2019 17:54

Tgt Ion: 43 Resp: 29046

Ion Ratio Lower Upper

43 100

58 30.6 13.0 19.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

8000

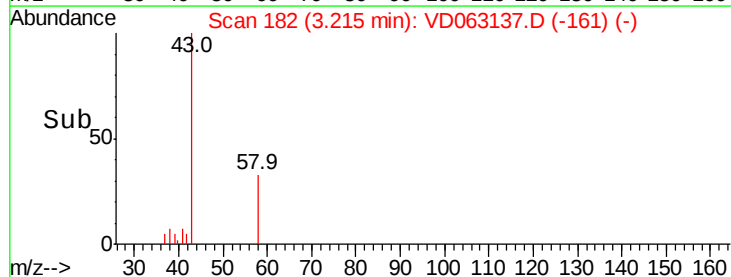
6000

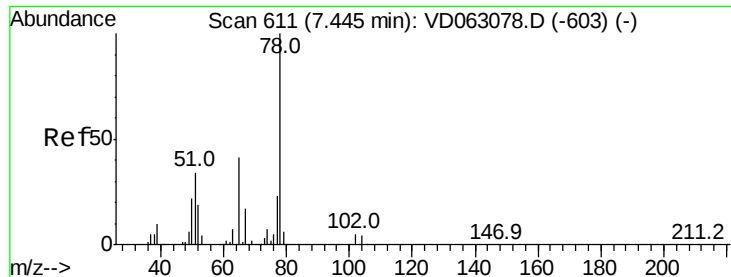
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 44.783 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD063137.D

Acq: 17 Jul 2019 17:54

Instrument :

MSVOA_D

ClientSampleId :

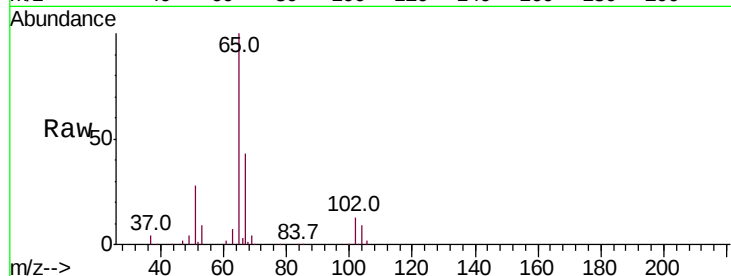
RT-4651

Tot Ion: 65 Resp: 392964

Ion Ratio Lower Upper

65 100

67 43.1 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

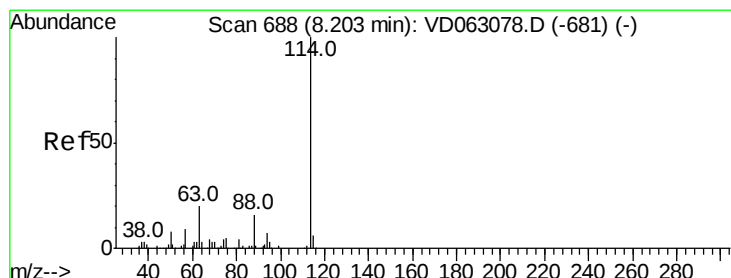
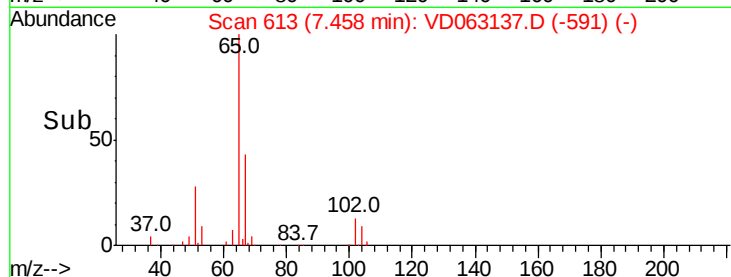
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.01 min

Lab File: VD063137.D

Acq: 17 Jul 2019 17:54

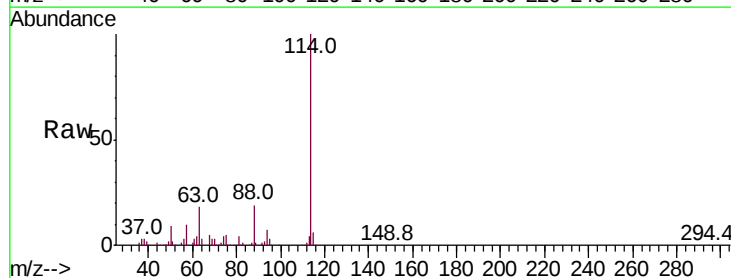
Tgt Ion: 114 Resp: 955446

Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.6

88 18.5 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

8.22

400000

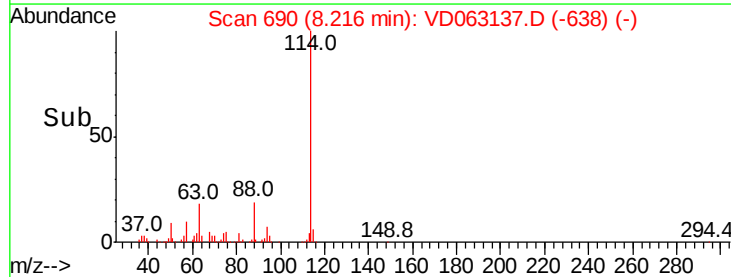
300000

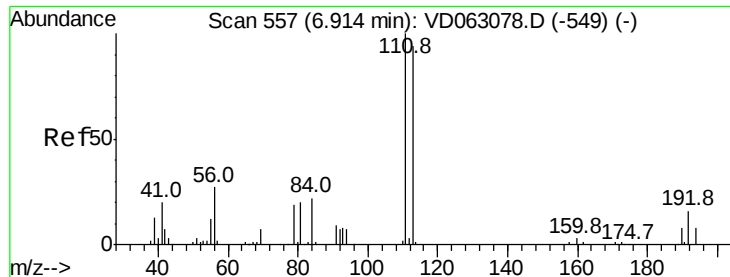
200000

100000

0

Time--> 8.20 8.40

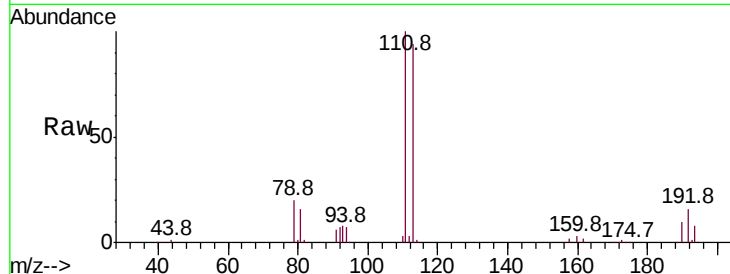




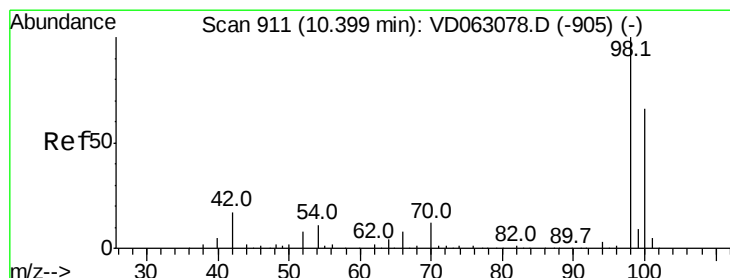
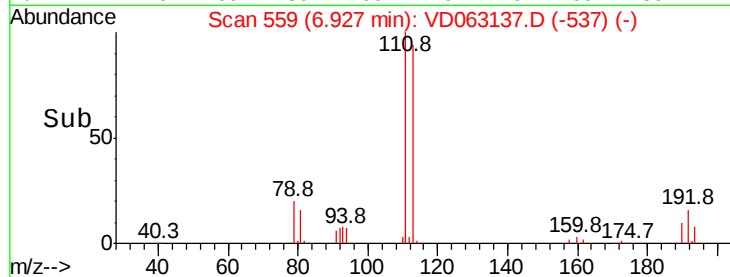
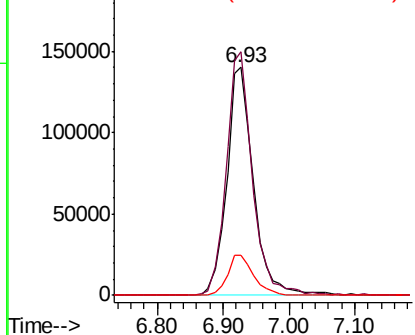
#35
 Dibromofluoromethane
 Concen: 41.694 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: VD063137.D
 Acq: 17 Jul 2019 17:54

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-4651

Tot Ion	Ratio	Lower	Upper
113	100		
111	106.9	84.8	127.2
192	17.3	13.4	20.0

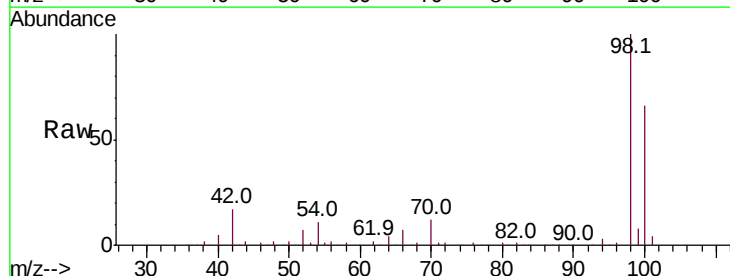


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

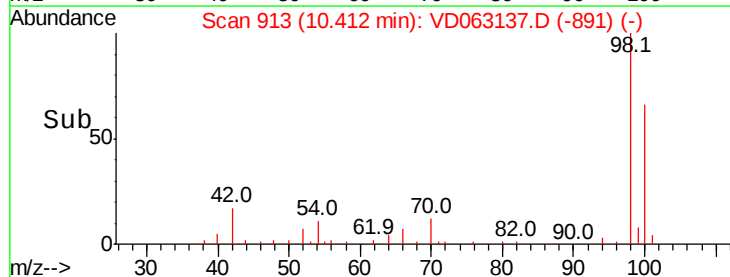
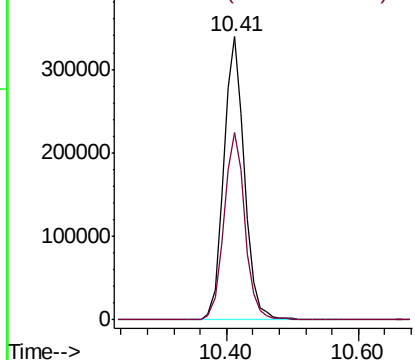


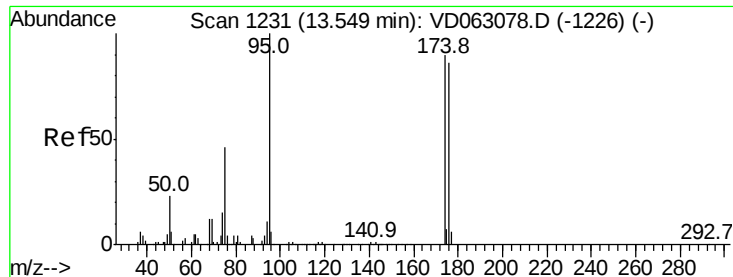
#50
 Toluene-d8
 Concen: 36.336 ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: VD063137.D
 Acq: 17 Jul 2019 17:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.5	80.3



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





#62

4-Bromofluorobenzene

Concen: 35.277 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063137.D

Acq: 17 Jul 2019 17:54

Instrument :

MSVOA_D

ClientSampleId :

RT-4651

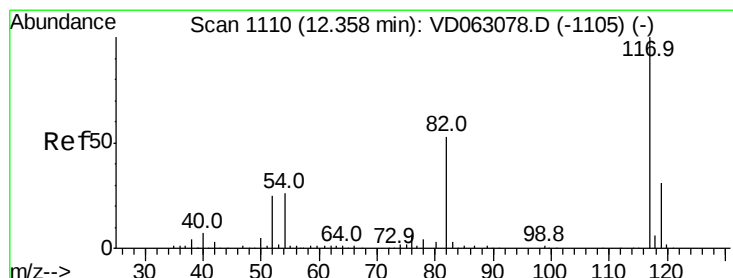
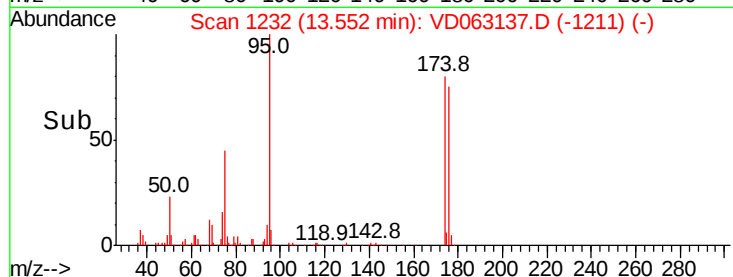
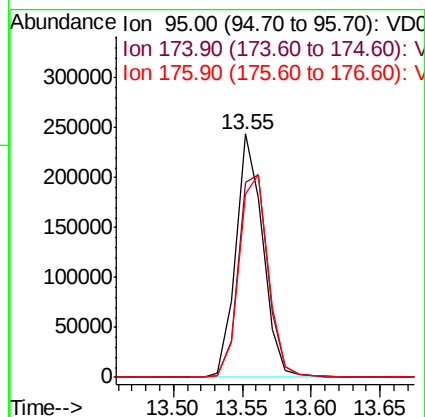
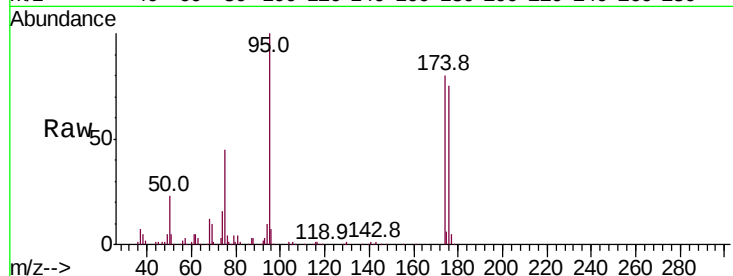
Tot Ion: 95 Resp: 333608

Ion Ratio Lower Upper

95 100

174 80.3 0.0 180.6

176 75.2 0.0 172.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD063137.D

Acq: 17 Jul 2019 17:54

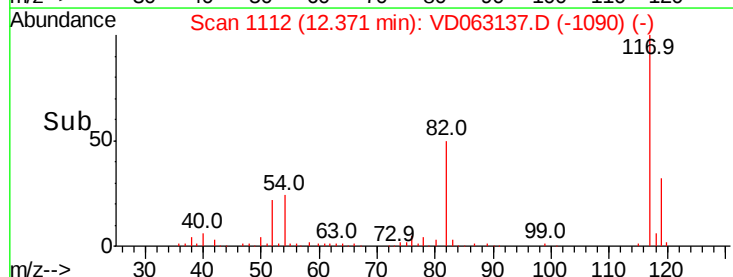
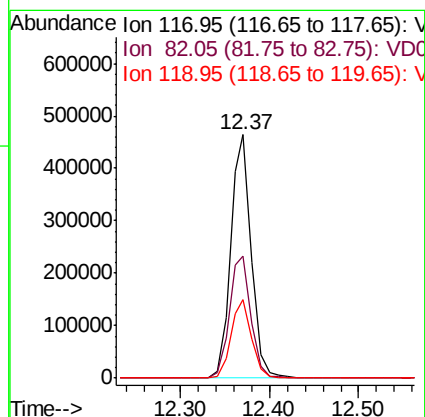
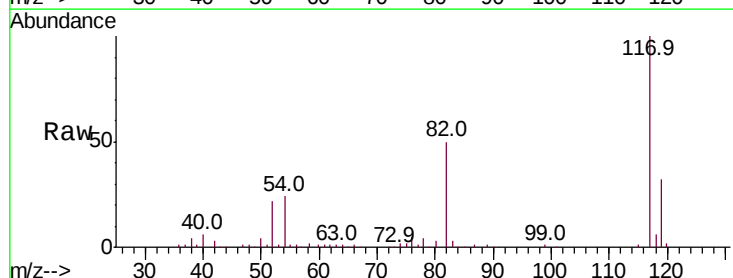
Tgt Ion: 117 Resp: 755086

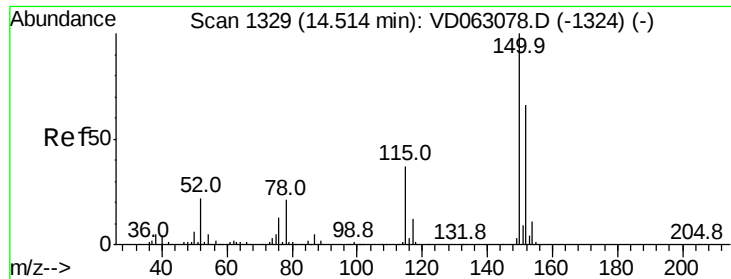
Ion Ratio Lower Upper

117 100

82 50.2 42.3 63.5

119 32.0 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD063137.D

Acq: 17 Jul 2019 17:54

Instrument :

MSVOA_D

ClientSampleId :

RT-4651

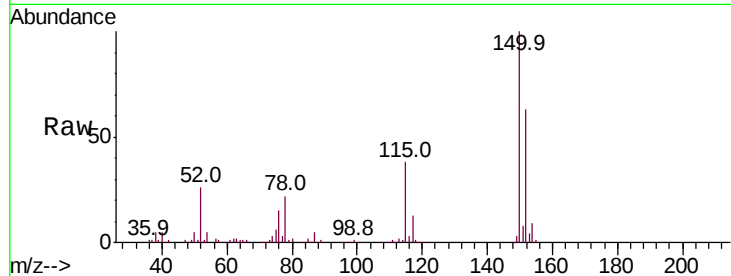
Tot Ion:152 Resp: 363064

Ion Ratio Lower Upper

152 100

115 60.5 28.9 86.8

150 158.4 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

