

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071919\
 Data File : VD063158.D
 Acq On : 19 Jul 2019 17:15
 Operator : VA/AP
 Sample : K3903-02RE
 Misc : 5.66g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 18107-NYCT-AVE-Z-TP-2RE

Quant Time: Jul 20 05:37:39 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

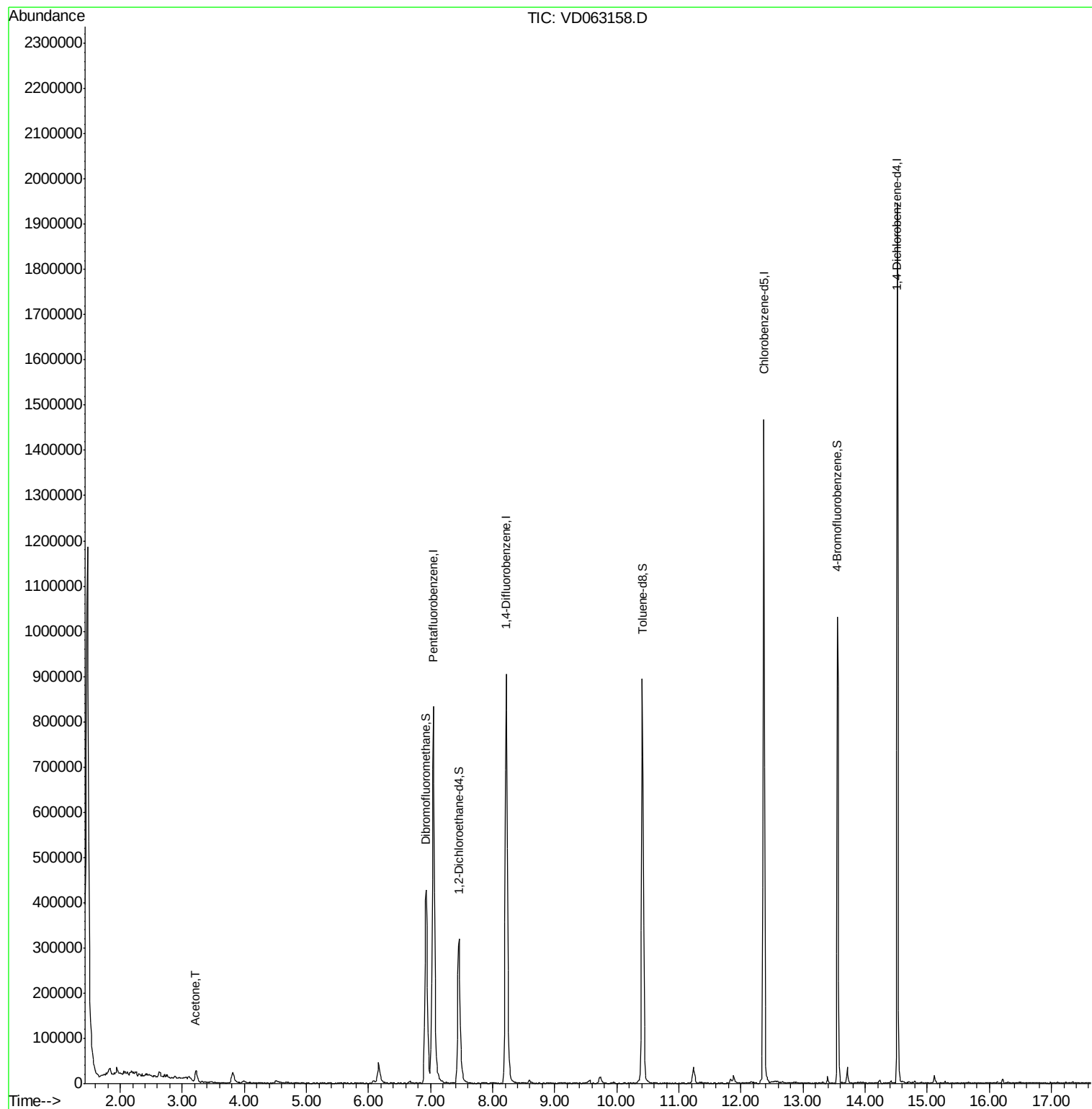
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	775946	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	989503	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	812031	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	393431	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	362855	37.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.08%	
35) Dibromofluoromethane	6.93	113	371476	37.69	ug/l	0.01
Spiked Amount 50.000			Recovery	=	75.38%	
50) Toluene-d8	10.41	98	694752	32.82	ug/l	0.01
Spiked Amount 50.000			Recovery	=	65.64%	
62) 4-Bromofluorobenzene	13.55	95	289887	29.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.20%	
Target Compounds						
16) Acetone	3.22	43	50003	21.418	ug/l #	Qvalue 92

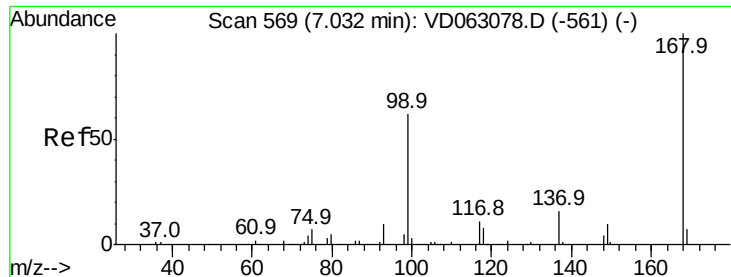
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071919\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD063158.D

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Instrument :

MSVOA_D

ClientSampleId :

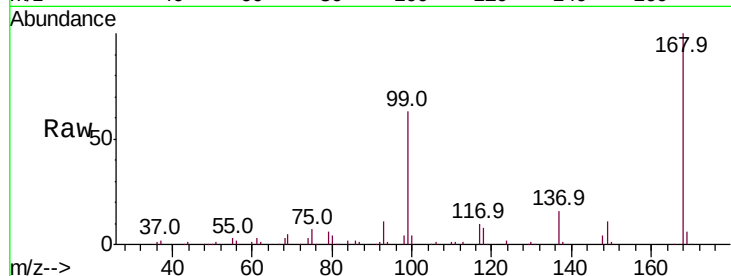
18107-NYCT-AVE-Z-TP-2RE

Tot Ion:168 Resp: 775946

Ion Ratio Lower Upper

168 100

99 62.7 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

300000

250000

200000

150000

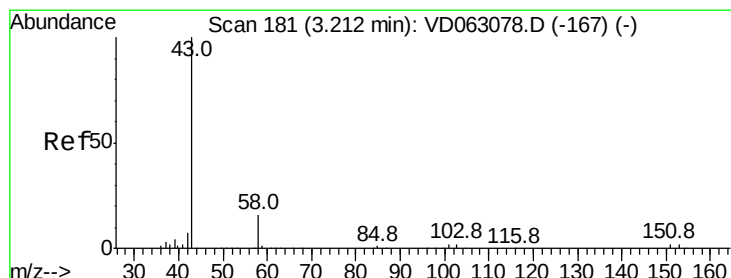
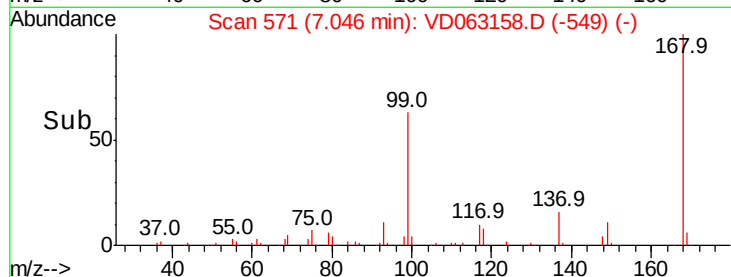
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 21.418 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD063158.D

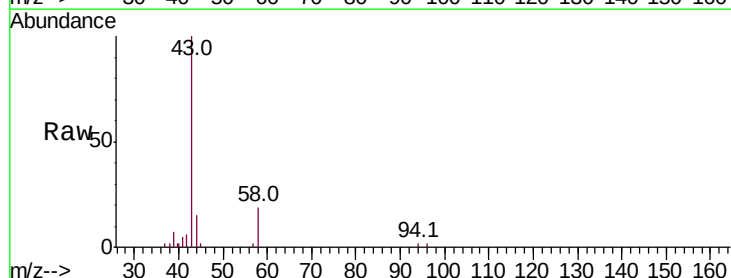
Acq: 19 Jul 2019 17:15

Tgt Ion: 43 Resp: 50003

Ion Ratio Lower Upper

43 100

58 19.5 13.0 19.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

20000

15000

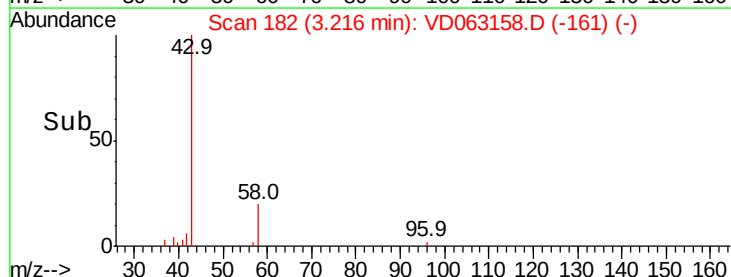
10000

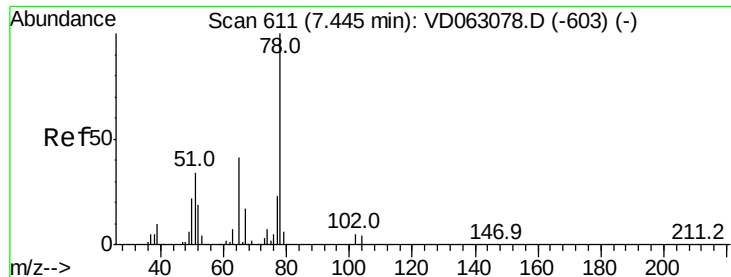
5000

0

Time-->

3.10 3.20 3.30 3.40





#33

1,2-Dichloroethane-d4

Concen: 37.540 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.00 min

Lab File: VD063158.D

Acq: 19 Jul 2019 17:15

Instrument :

MSVOA_D

ClientSampleId :

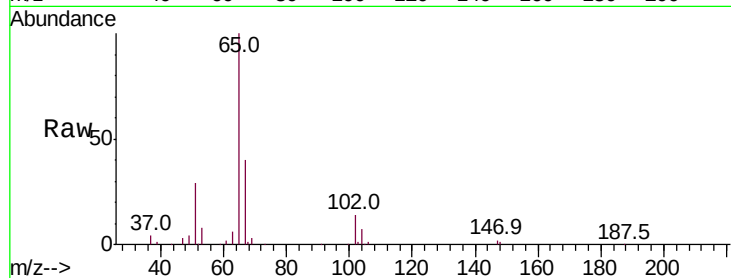
18107-NYCT-AVE-Z-TP-2RE

Tot Ion: 65 Resp: 362855

Ion Ratio Lower Upper

65 100

67 40.1 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

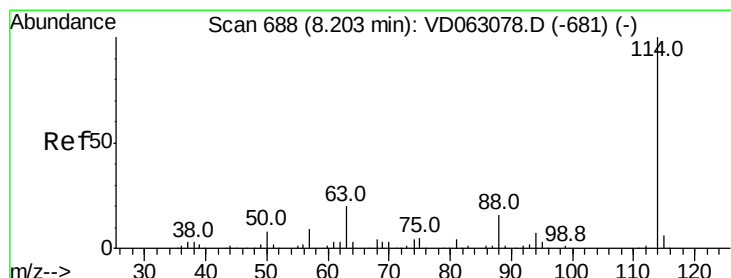
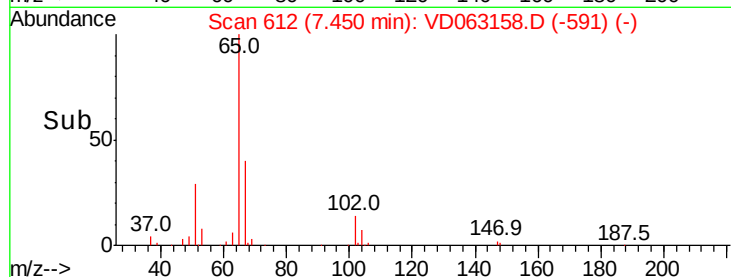
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60 7.70



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.01 min

Lab File: VD063158.D

Acq: 19 Jul 2019 17:15

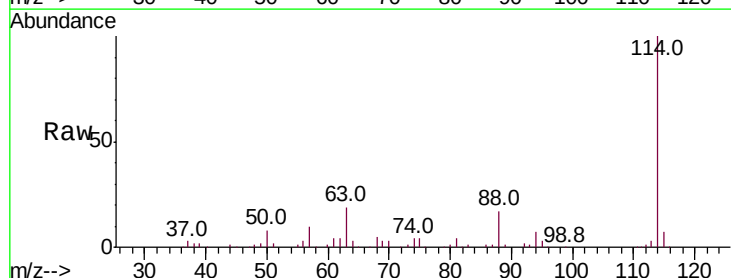
Tgt Ion: 114 Resp: 989503

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.6

88 17.5 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

500000

400000

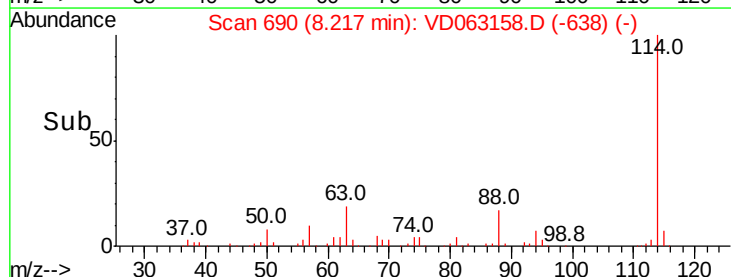
300000

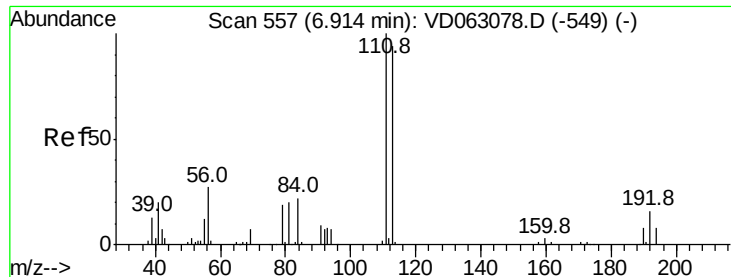
200000

100000

0

Time--> 8.10 8.20 8.30 8.40





#35

Dibromofluoromethane

Concen: 37.692 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.01 min

Lab File: VD063158.D

Acq: 19 Jul 2019 17:15

Instrument :

MSVOA_D

ClientSampleId :

18107-NYCT-AVE-Z-TP-2RE

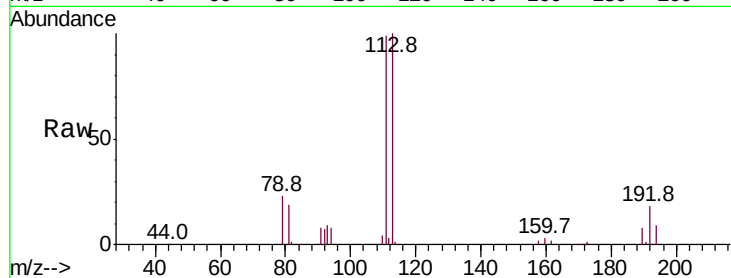
Tot Ion:113 Resp: 371476

Ion Ratio Lower Upper

113 100

111 98.6 84.8 127.2

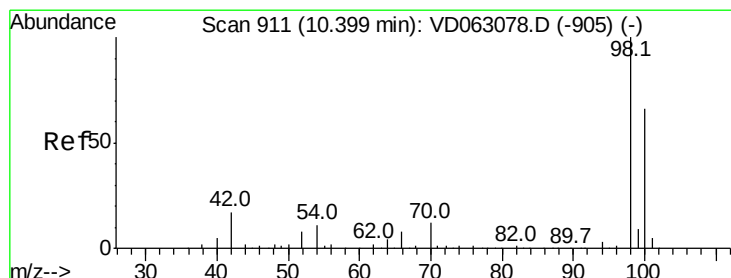
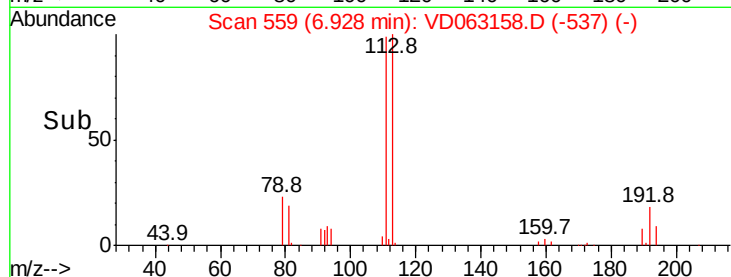
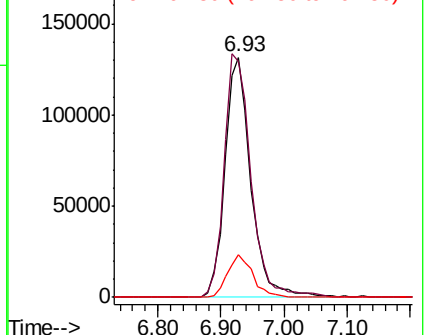
192 17.8 13.4 20.0



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: 32.818 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD063158.D

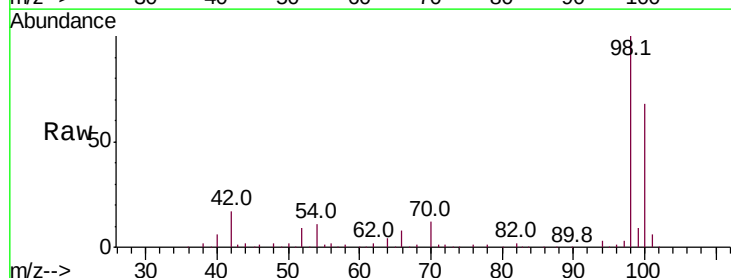
Acq: 19 Jul 2019 17:15

Tgt Ion: 98 Resp: 694752

Ion Ratio Lower Upper

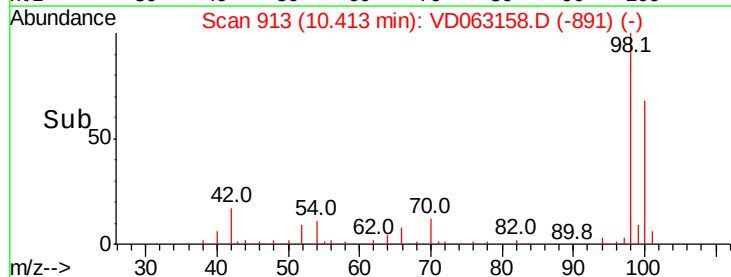
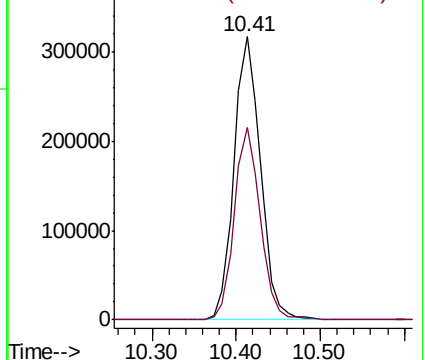
98 100

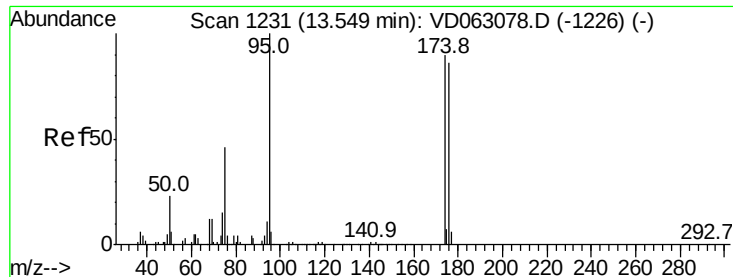
100 68.1 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 29.598 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063158.D

Acq: 19 Jul 2019 17:15

Instrument :

MSVOA_D

ClientSampleId :

18107-NYCT-AVE-Z-TP-2RE

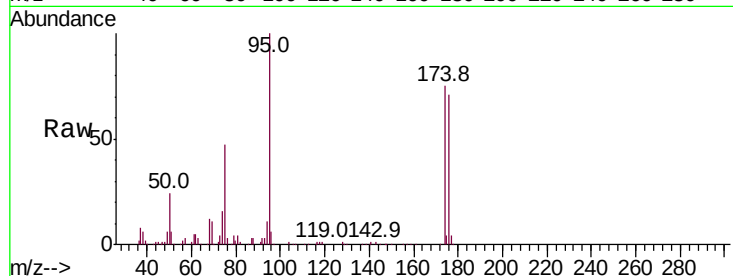
Tot Ion: 95 Resp: 289887

Ion Ratio Lower Upper

95 100

174 75.5 0.0 180.6

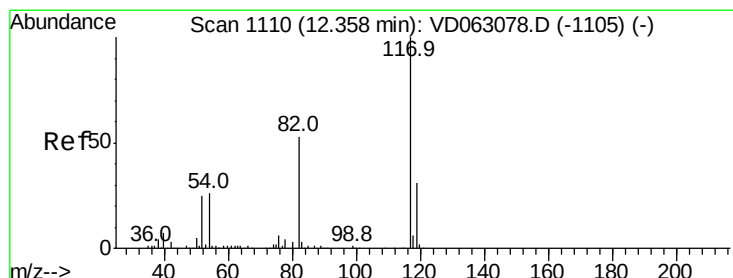
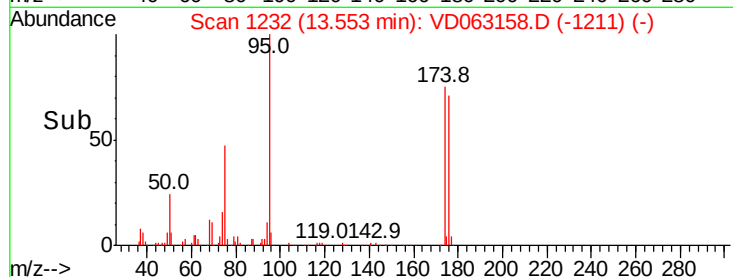
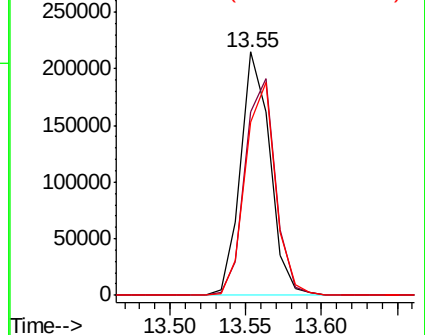
176 71.0 0.0 172.2



Abundance Ion 95.00 (94.70 to 95.70): V

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: 12.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD063158.D

Acq: 19 Jul 2019 17:15

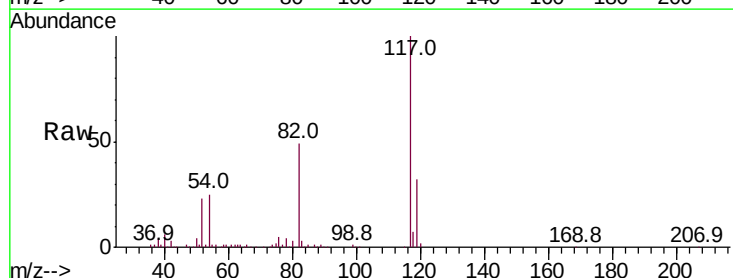
Tgt Ion: 117 Resp: 812031

Ion Ratio Lower Upper

117 100

82 49.2 42.3 63.5

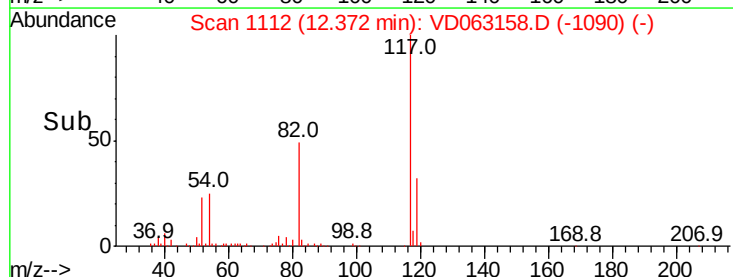
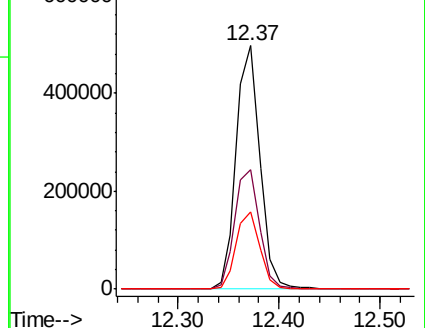
119 31.8 25.2 37.8

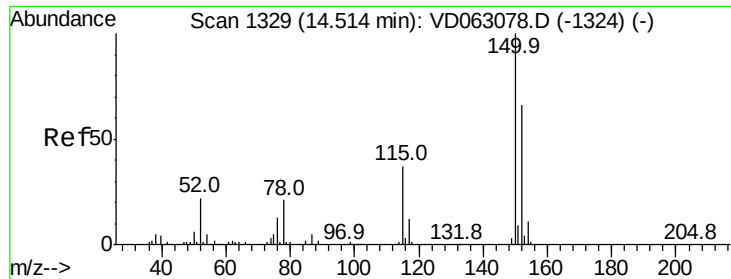


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

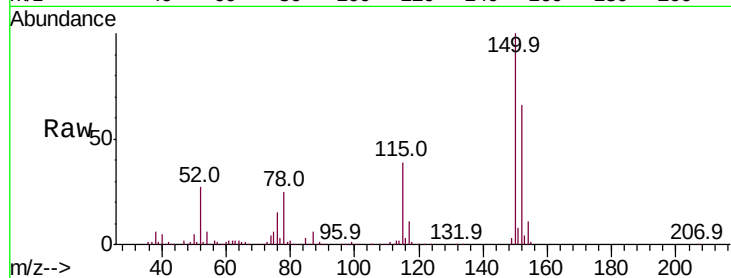




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD063158.D
 Acq: 19 Jul 2019 17:15

Instrument :
 MSVOA_D
 ClientSampleId :
 18107-NYCT-AVE-Z-TP-2RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.8	28.9	86.8
150	152.6	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

