

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071919\
 Data File : VD063159.D
 Acq On : 19 Jul 2019 17:42
 Operator : VA/AP
 Sample : K3903-03RE
 Misc : 5.32g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 18107-NYCT-AVE-Z-TP-3RE

Quant Time: Jul 20 05:39:06 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

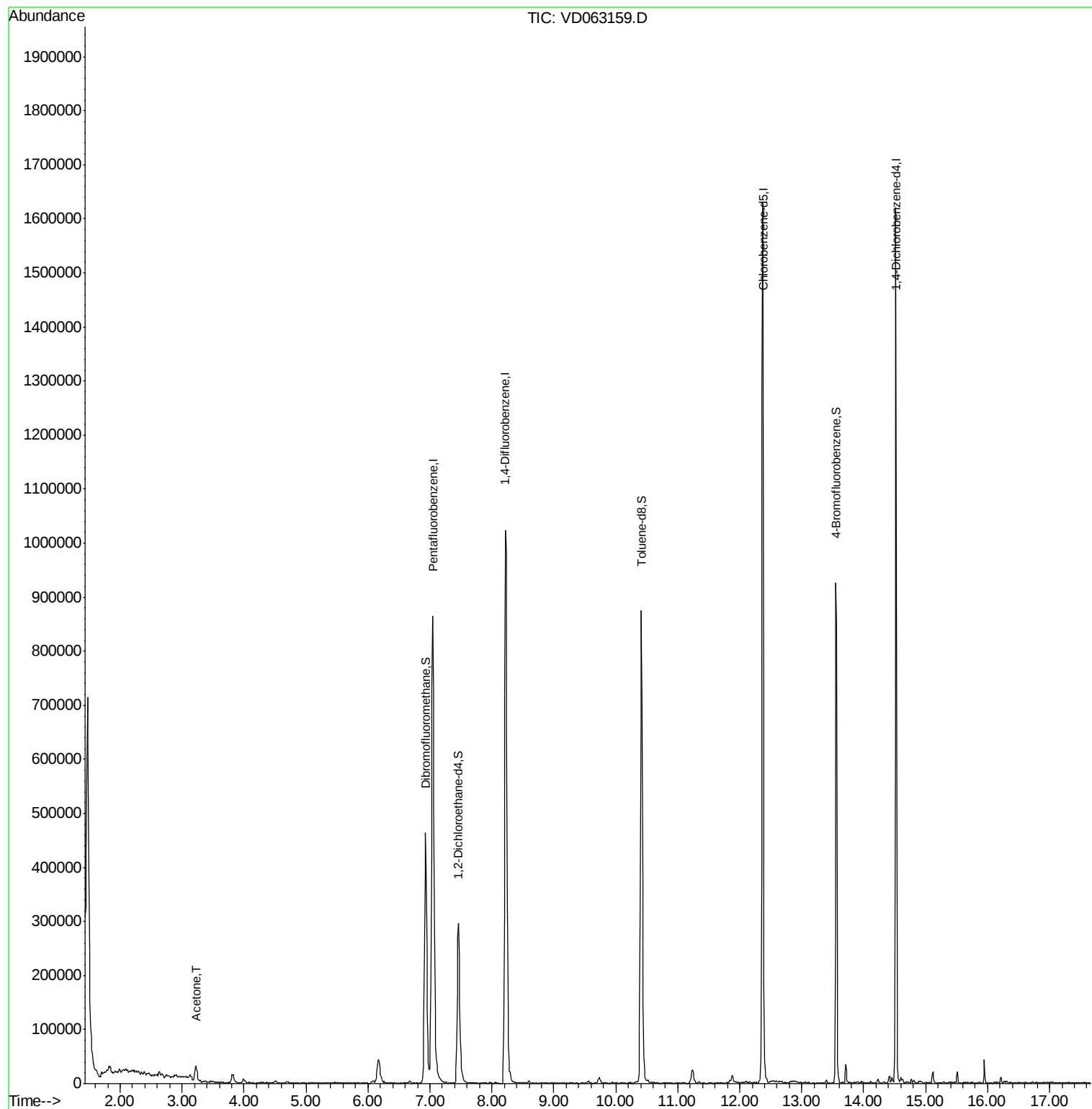
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	816133	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	1125474	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	829335	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	322525	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	336565	33.11	ug/l	0.01
Spiked Amount 50.000			Recovery	=	66.22%	
35) Dibromofluoromethane	6.93	113	388155	34.63	ug/l	0.01
Spiked Amount 50.000			Recovery	=	69.26%	
50) Toluene-d8	10.41	98	708767	29.43	ug/l	0.01
Spiked Amount 50.000			Recovery	=	58.86%	
62) 4-Bromofluorobenzene	13.55	95	270588	24.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	48.58%	
Target Compounds						
16) Acetone	3.23	43	59325	24.160	ug/l #	Qvalue 91

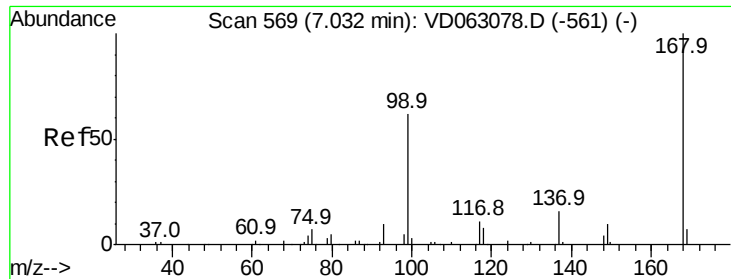
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

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ClientSampleId :

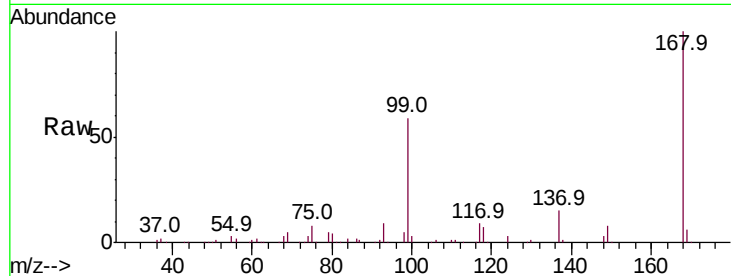
18107-NYCT-AVE-Z-TP-3RE

Tot Ion:168 Resp: 816133

Ion Ratio Lower Upper

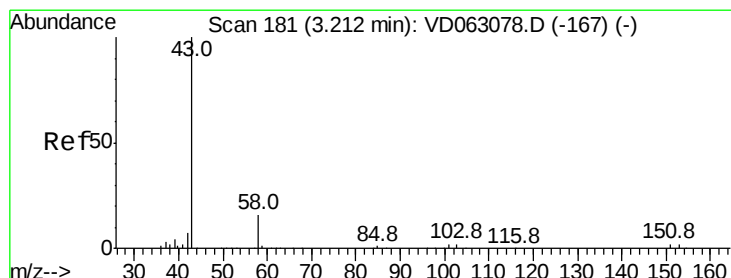
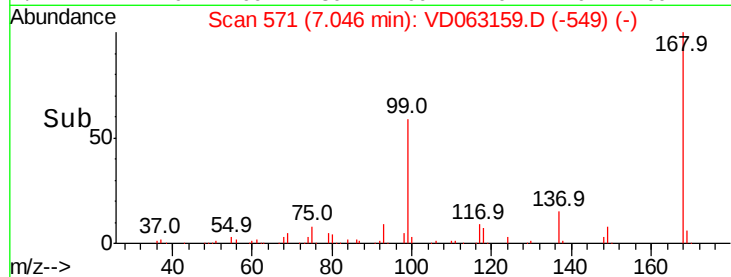
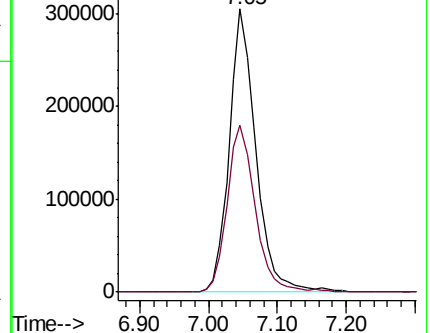
168 100

99 58.8 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 24.160 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD063159.D

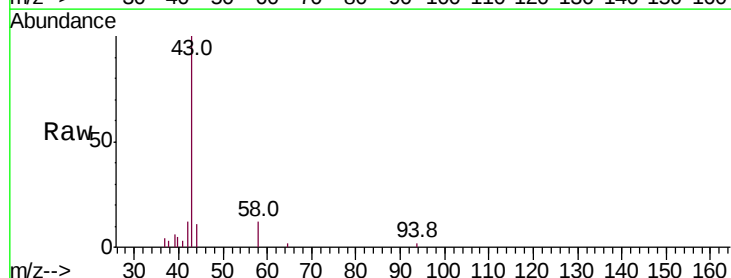
Acq: 19 Jul 2019 17:42

Tgt Ion: 43 Resp: 59325

Ion Ratio Lower Upper

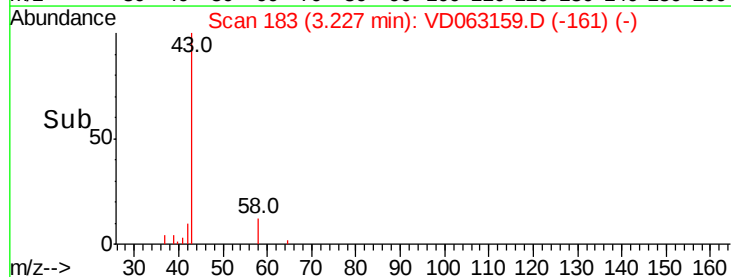
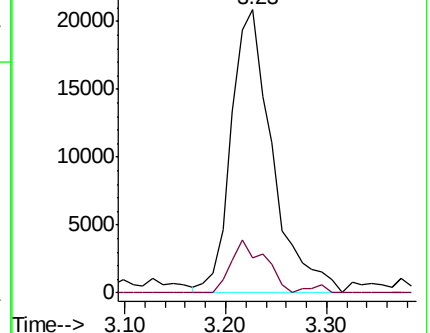
43 100

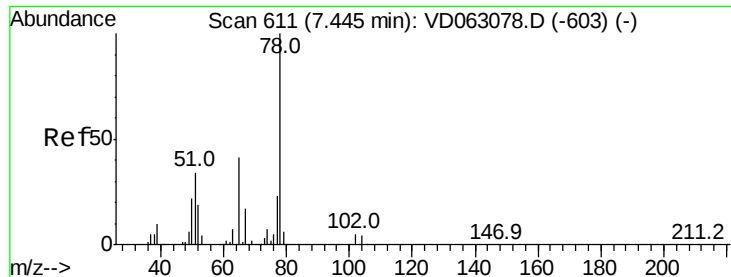
58 12.4 13.0 19.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 33.105 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD063159.D

Acq: 19 Jul 2019 17:42

Instrument :

MSVOA_D

ClientSampleId :

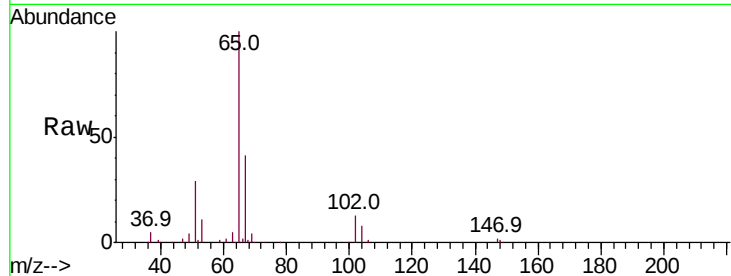
18107-NYCT-AVE-Z-TP-3RE

Tot Ion: 65 Resp: 336565

Ion Ratio Lower Upper

65 100

67 41.1 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

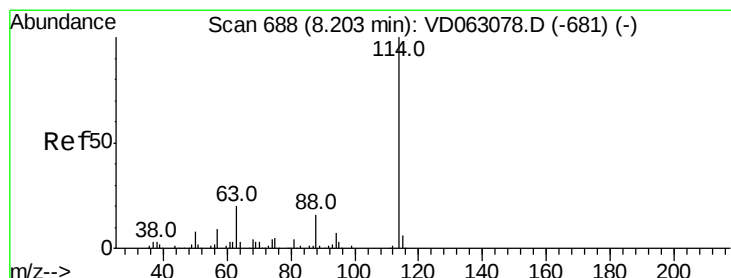
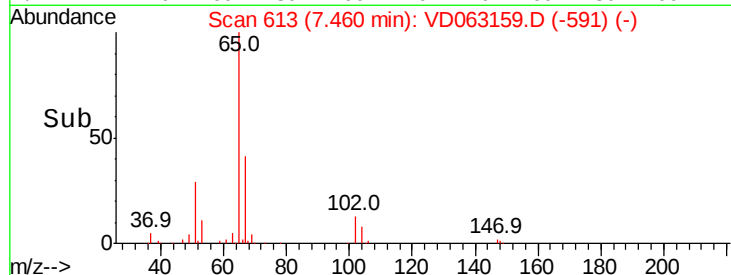
100000

50000

0

Time-->

7.30 7.40 7.50 7.60 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: VD063159.D

Acq: 19 Jul 2019 17:42

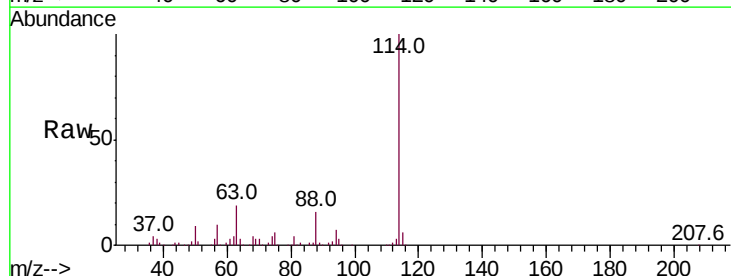
Tgt Ion: 114 Resp: 1125474

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.6

88 16.1 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

600000

500000

400000

300000

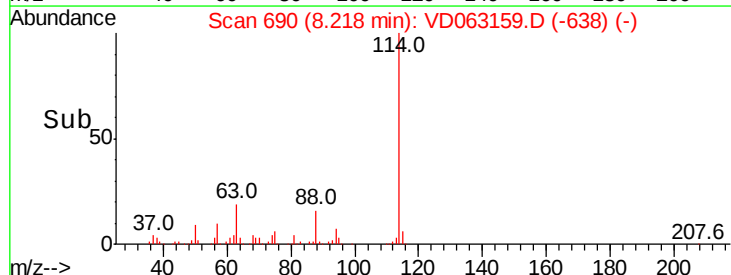
200000

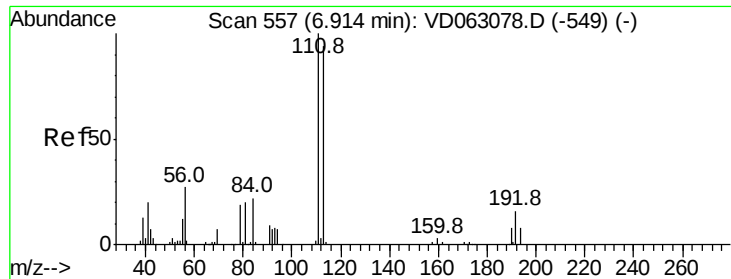
100000

0

Time-->

8.20 8.40

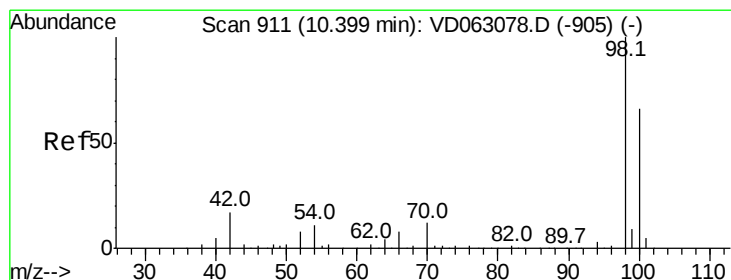
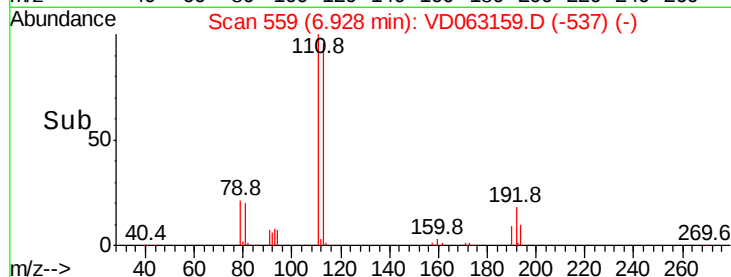
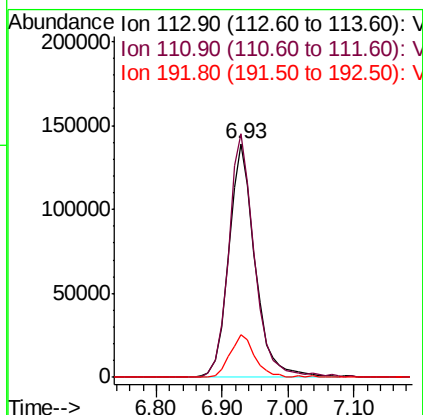
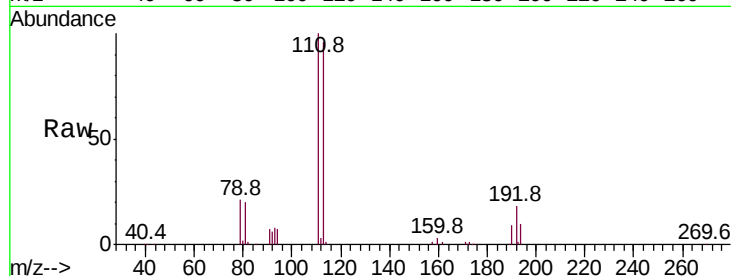




#35
 Dibromofluoromethane
 Concen: 34.626 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: VD063159.D
 Acq: 19 Jul 2019 17:42

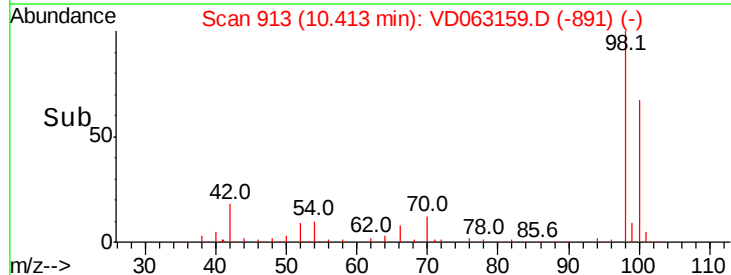
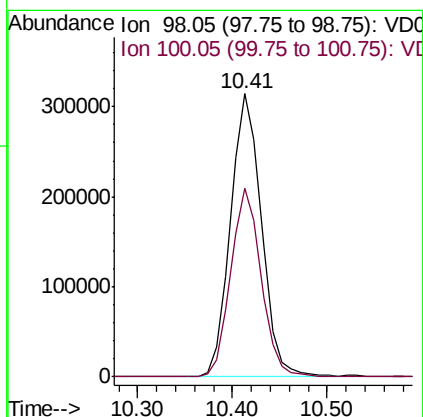
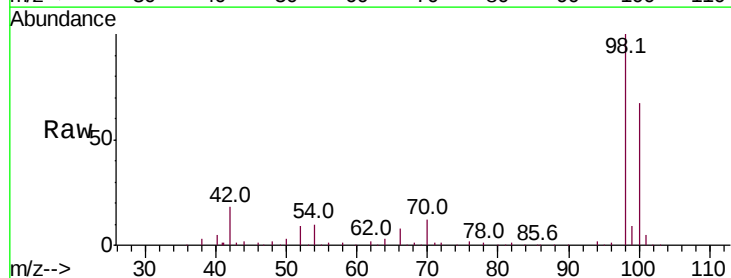
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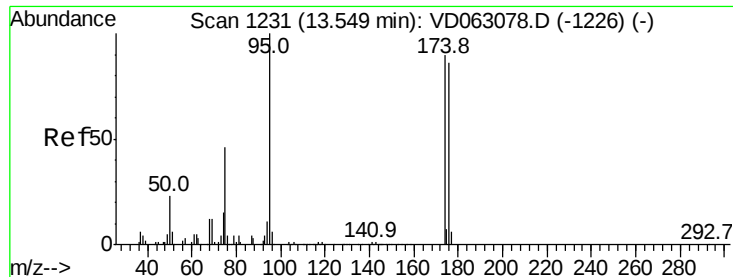
Tot Ion:113 Resp: 388155
 Ion Ratio Lower Upper
 113 100
 111 104.0 84.8 127.2
 192 18.3 13.4 20.0



#50
 Toluene-d8
 Concen: 29.435 ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: VD063159.D
 Acq: 19 Jul 2019 17:42

Tgt Ion: 98 Resp: 708767
 Ion Ratio Lower Upper
 98 100
 100 66.8 53.5 80.3





#62

4-Bromofluorobenzene

Concen: 24.290 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063159.D

Acq: 19 Jul 2019 17:42

Instrument :

MSVOA_D

ClientSampleId :

18107-NYCT-AVE-Z-TP-3RE

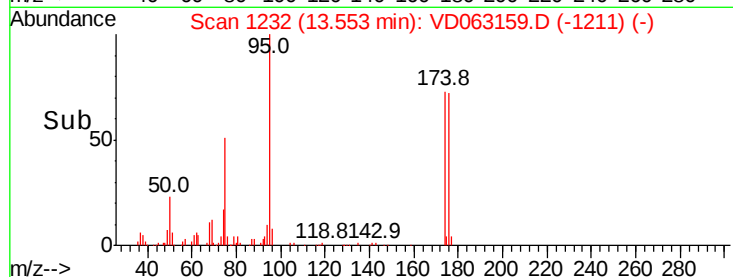
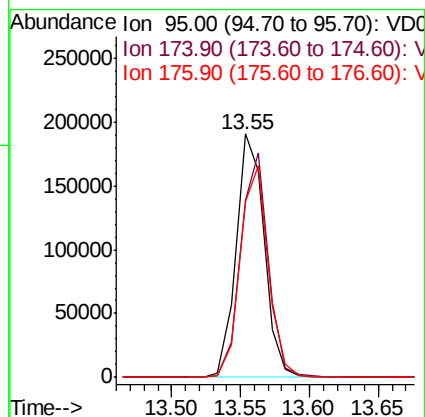
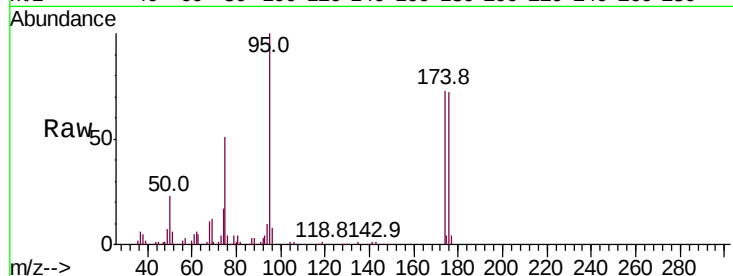
Tot Ion: 95 Resp: 270588

Ion Ratio Lower Upper

95 100

174 73.0 0.0 180.6

176 71.9 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: VD063159.D

Acq: 19 Jul 2019 17:42

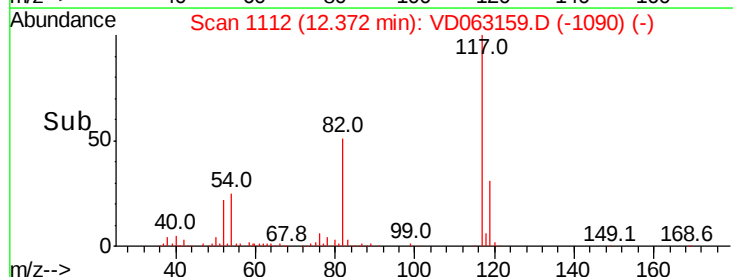
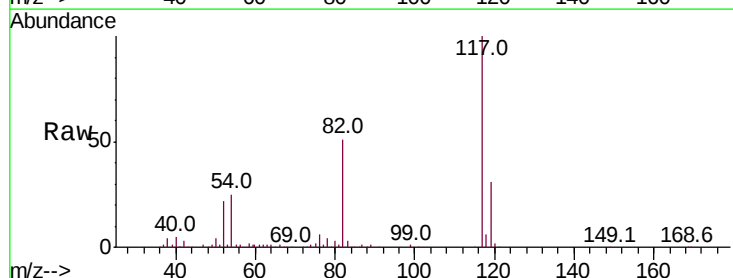
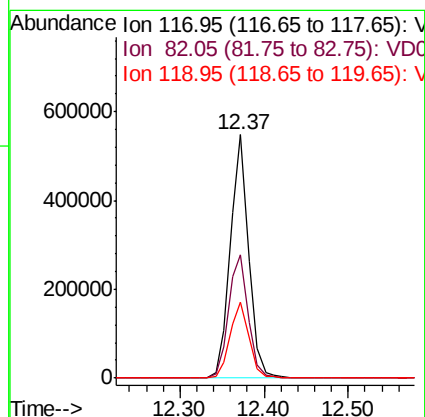
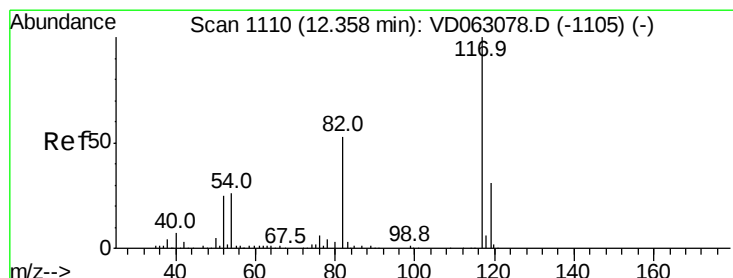
Tgt Ion: 117 Resp: 829335

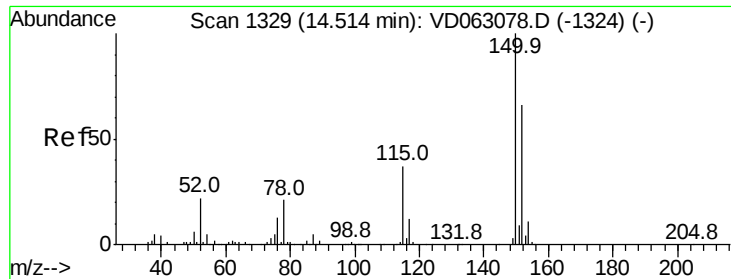
Ion Ratio Lower Upper

117 100

82 50.6 42.3 63.5

119 31.1 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: VD063159.D

Acq: 19 Jul 2019 17:42

Instrument :

MSVOA_D

ClientSampleId :

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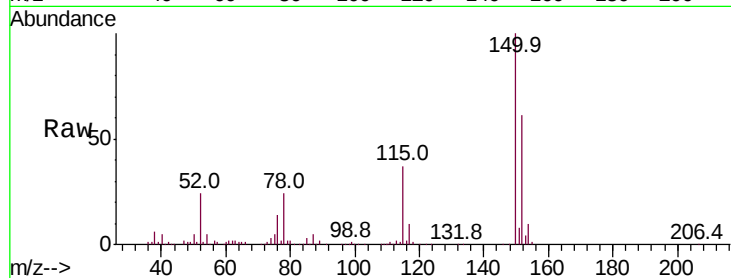
Tot Ion:152 Resp: 322525

Ion Ratio Lower Upper

152 100

115 60.8 28.9 86.8

150 162.9 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

