

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081419\
 Data File : VD063591.D
 Acq On : 14 Aug 2019 23:02
 Operator : JC/SY
 Sample : K4339-02
 Misc : 5.70g/5ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T8-A1-(0)

Quant Time: Aug 15 13:15:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

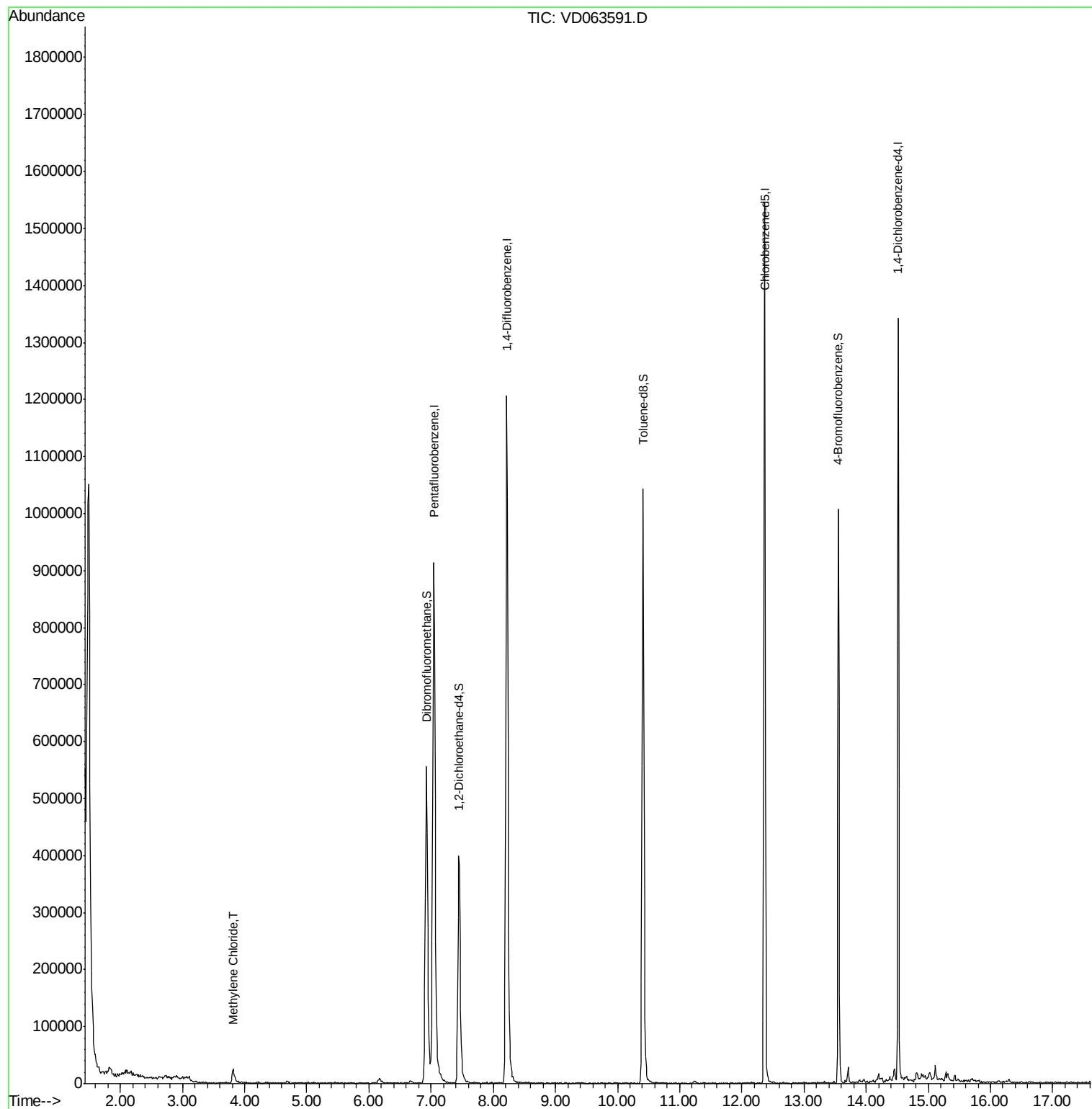
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	911813	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1302640	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	902227	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	272039	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	448489	46.02	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	92.04%	
35) Dibromofluoromethane	6.93	113	486961	44.39	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	88.78%	
50) Toluene-d8	10.41	98	856539	35.51	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	71.02%	
62) 4-Bromofluorobenzene	13.55	95	272070	24.89	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	49.78%	
Target Compounds						
20) Methylene Chloride	3.82	84	15385	1.796	ug/l #	Qvalue 88

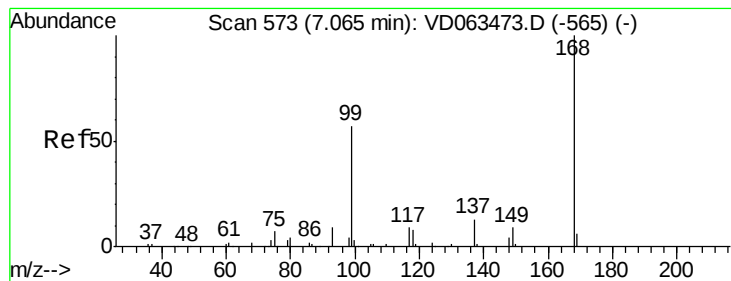
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 10 06:42:47 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD063591.D

Acq: 14 Aug 2019 23:02

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ClientSampleId :

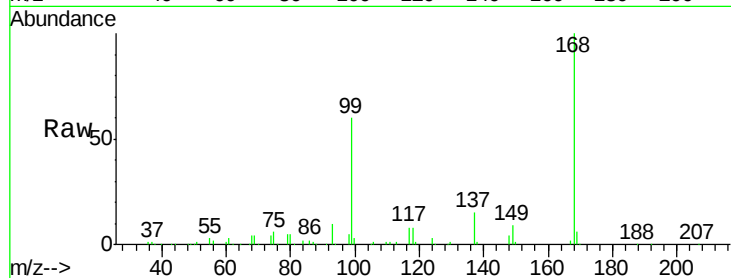
T8-A1-(0)

Tot Ion:168 Resp: 911813

Ion Ratio Lower Upper

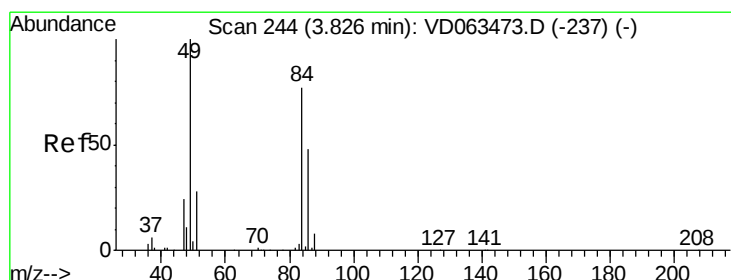
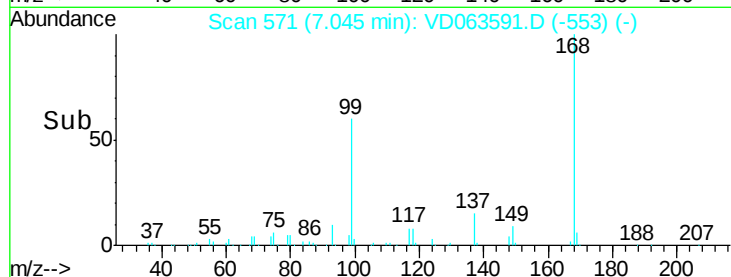
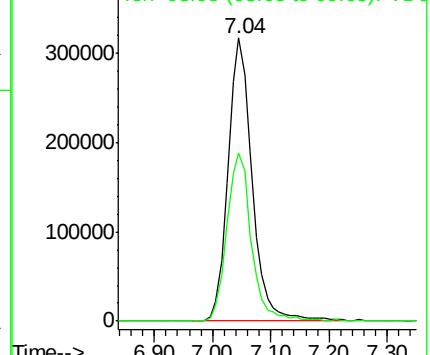
168 100

99 59.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 1.796 ug/l

RT: 3.82 min Scan# 243

Delta R.T. -0.01 min

Lab File: VD063591.D

Acq: 14 Aug 2019 23:02

Tgt Ion: 84 Resp: 15385

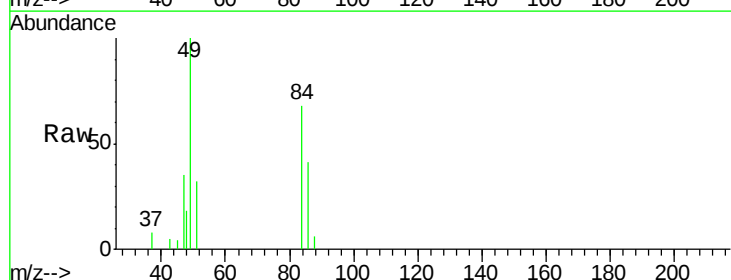
Ion Ratio Lower Upper

84 100

49 147.5 103.4 155.2

51 47.1 28.5 42.7#

86 60.9 49.4 74.2

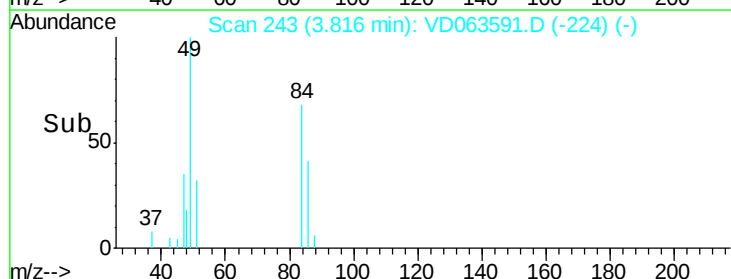
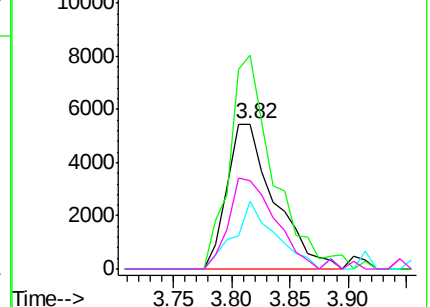


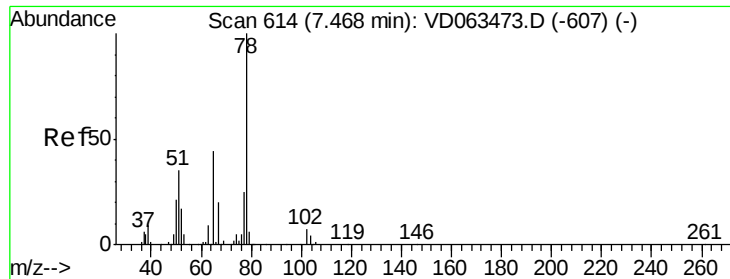
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 46.015 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD063591.D

Acq: 14 Aug 2019 23:02

Instrument :

MSVOA_D

ClientSampleId :

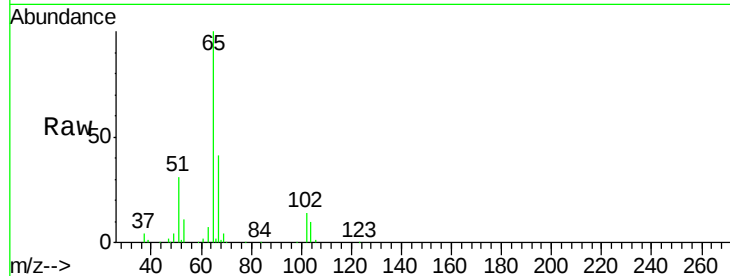
T8-A1-(0)

Tot Ion: 65 Resp: 448489

Ion Ratio Lower Upper

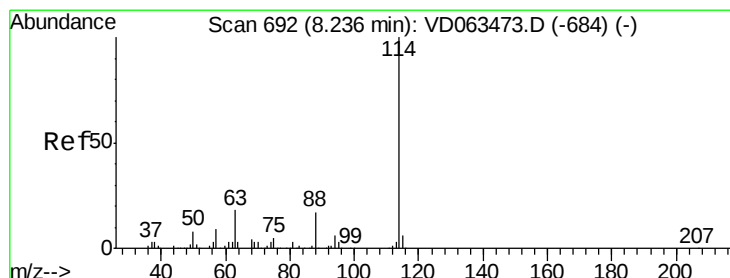
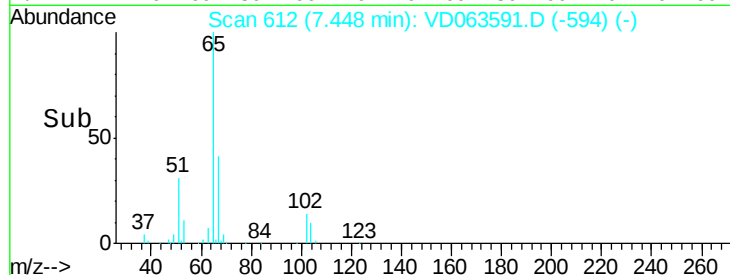
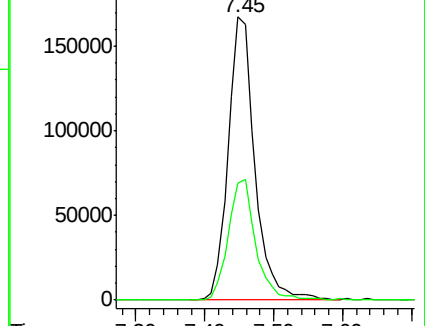
65 100

67 41.5 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.02 min

Lab File: VD063591.D

Acq: 14 Aug 2019 23:02

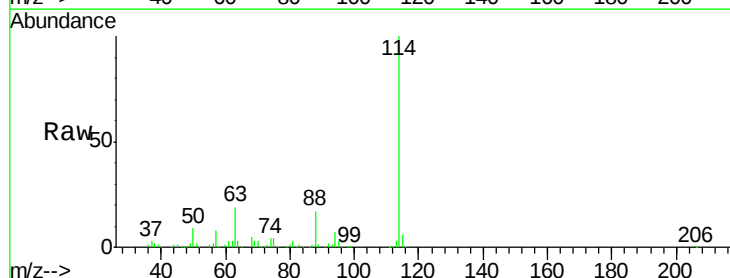
Tgt Ion: 114 Resp: 1302640

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.2

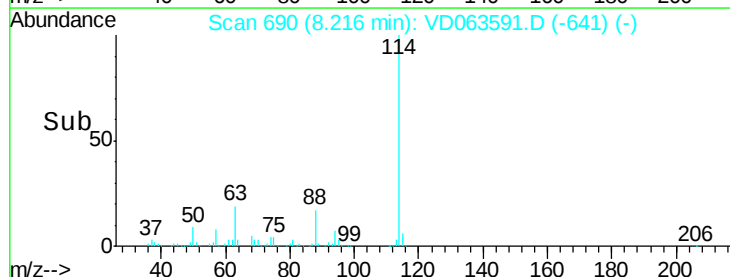
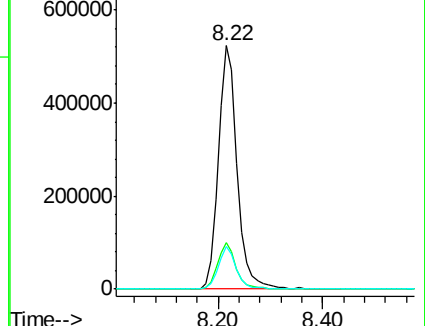
88 17.3 0.0 35.0

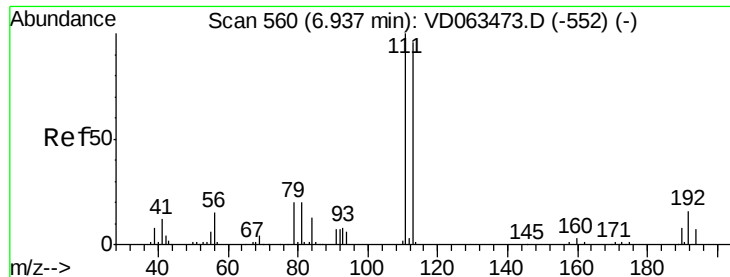


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

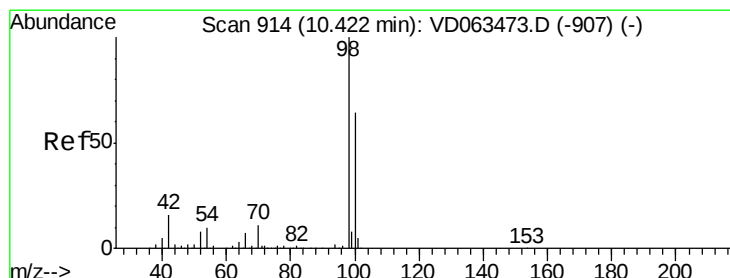
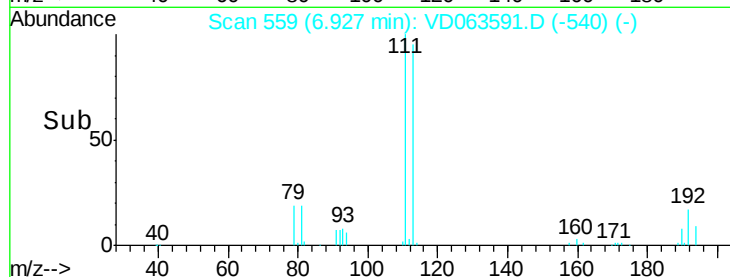
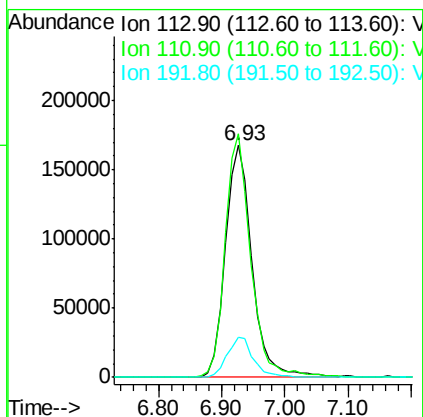
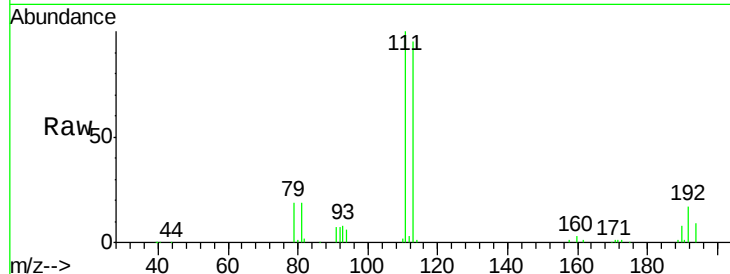




#35
 Dibromofluoromethane
 Concen: 44.387 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD063591.D
 Acq: 14 Aug 2019 23:02

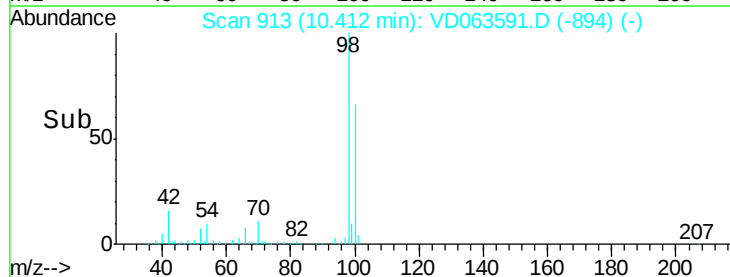
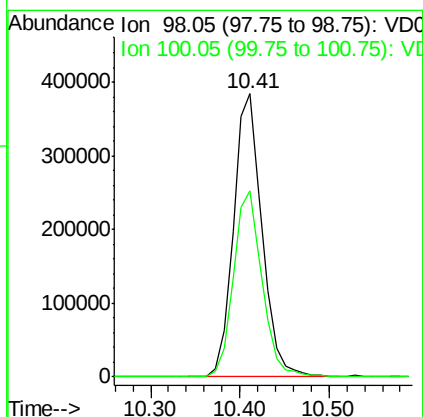
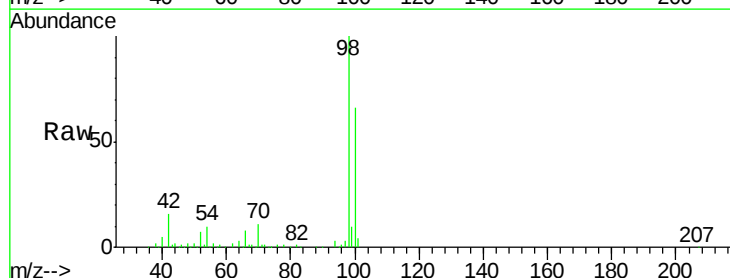
Instrument :
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 T8-A1-(0)

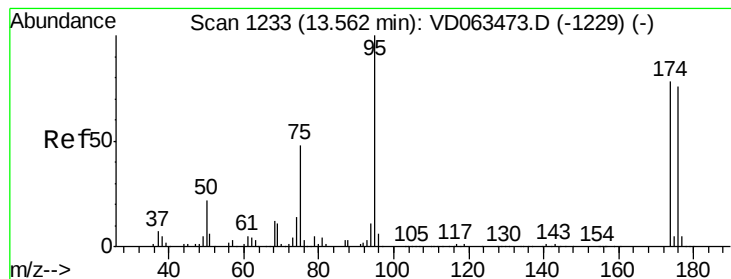
Tot Ion:113 Resp: 486961
 Ion Ratio Lower Upper
 113 100
 111 105.1 83.1 124.7
 192 17.4 13.1 19.7



#50
 Toluene-d8
 Concen: 35.511 ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: VD063591.D
 Acq: 14 Aug 2019 23:02

Tgt Ion: 98 Resp: 856539
 Ion Ratio Lower Upper
 98 100
 100 65.7 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 24.887 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD063591.D

Acq: 14 Aug 2019 23:02

Instrument :

MSVOA_D

ClientSampleId :

T8-A1-(0)

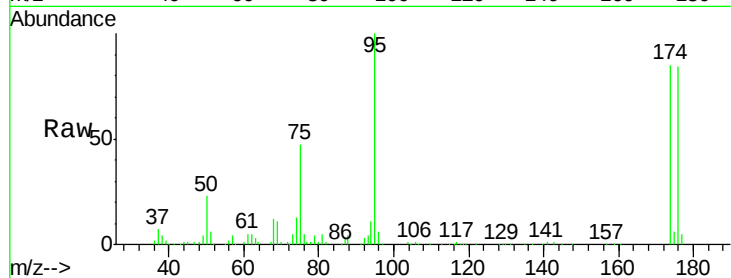
Tot Ion: 95 Resp: 272070

Ion Ratio Lower Upper

95 100

174 84.9 0.0 155.4

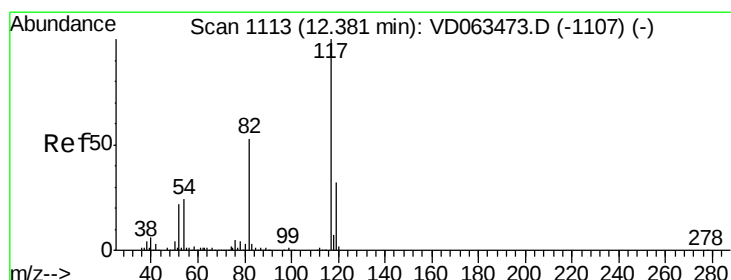
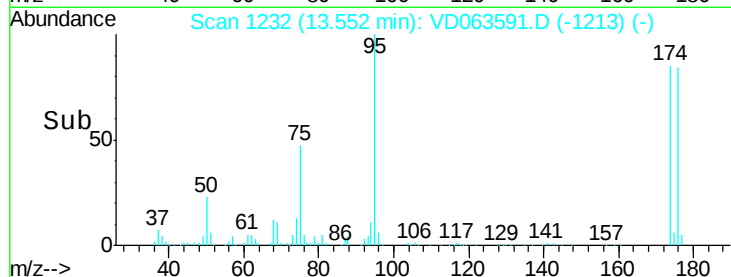
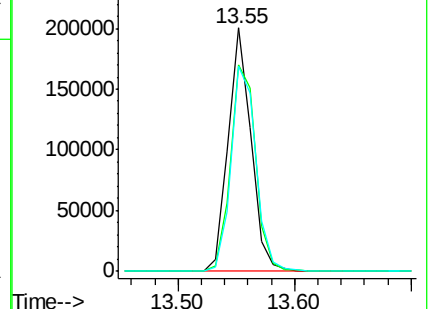
176 84.3 0.0 152.4



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: VD063591.D

Acq: 14 Aug 2019 23:02

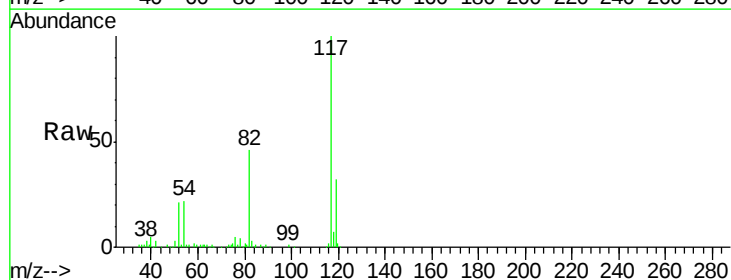
Tgt Ion: 117 Resp: 902227

Ion Ratio Lower Upper

117 100

82 45.7 42.0 63.0

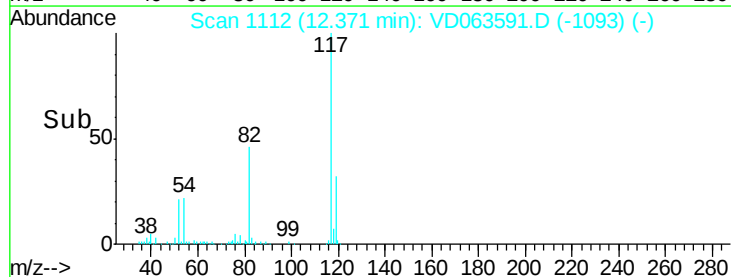
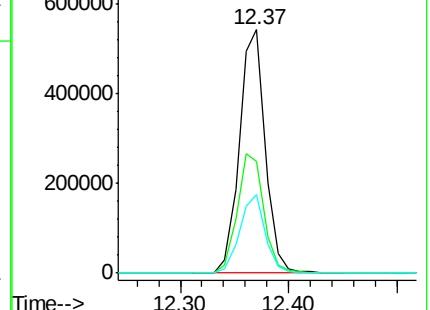
119 32.4 25.4 38.0

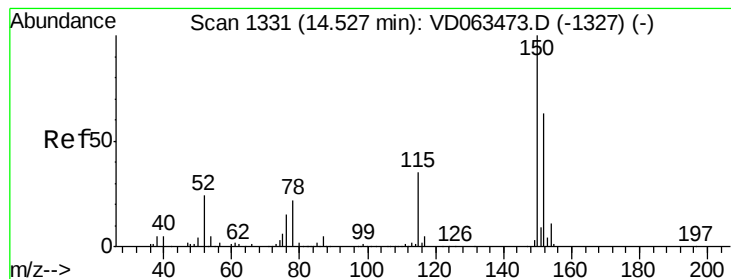


Abundance Ion 116.95 (116.65 to 117.65): V

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. -0.01 min

Lab File: VD063591.D

Acq: 14 Aug 2019 23:02

Instrument :

MSVOA_D

ClientSampleId :

T8-A1-(0)

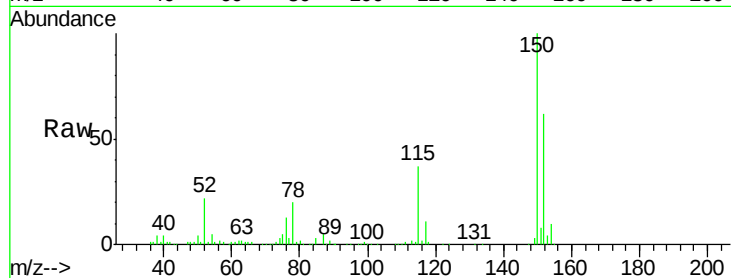
Tot Ion:152 Resp: 272039

Ion Ratio Lower Upper

152 100

115 60.0 30.9 92.7

150 162.3 0.0 318.6



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

