

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082119\
 Data File : VD063725.D
 Acq On : 21 Aug 2019 20:51
 Operator : JC/SY
 Sample : K4388-15RE
 Misc : 5.23g/5ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T4-E-(2)RE

Quant Time: Aug 22 02:14:43 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

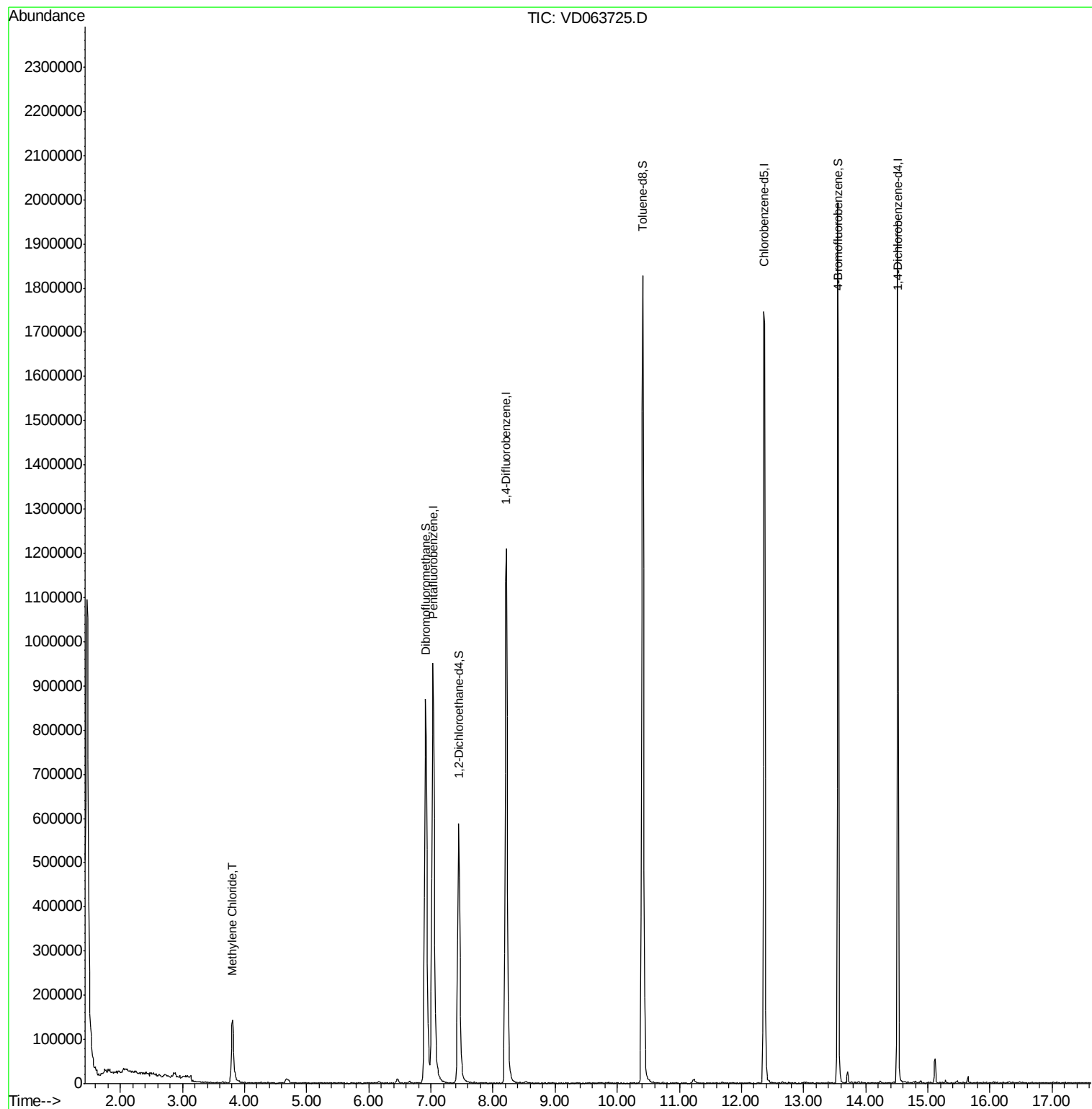
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	943456	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.22	114	1324349	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	1040199	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	414545	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	667340	66.17	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	132.34%	
35) Dibromofluoromethane	6.92	113	778139	69.76	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	139.52%	
50) Toluene-d8	10.41	98	1488666	60.71	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	121.42%	
62) 4-Bromofluorobenzene	13.55	95	565907	50.92	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	101.84%	
Target Compounds						
20) Methylene Chloride	3.81	84	94287	10.636	ug/l	Qvalue 95

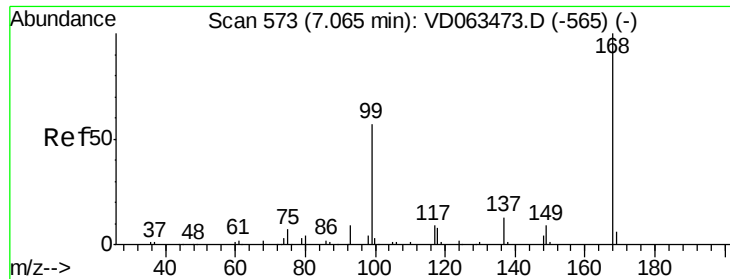
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.03 min

Lab File: VD063725.D

Acq: 21 Aug 2019 20:51

Instrument :

MSVOA_D

ClientSampleId :

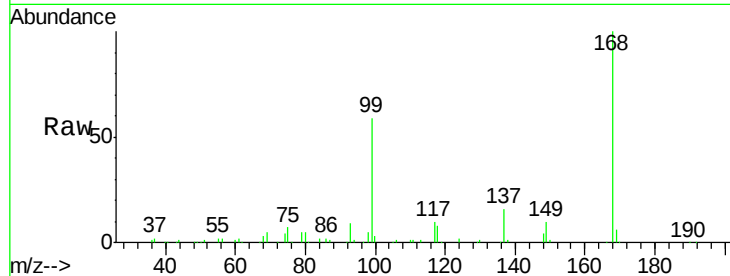
T4-E-(2)RE

Tot Ion:168 Resp: 943456

Ion Ratio Lower Upper

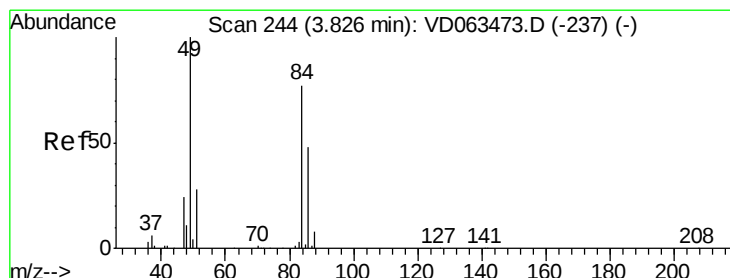
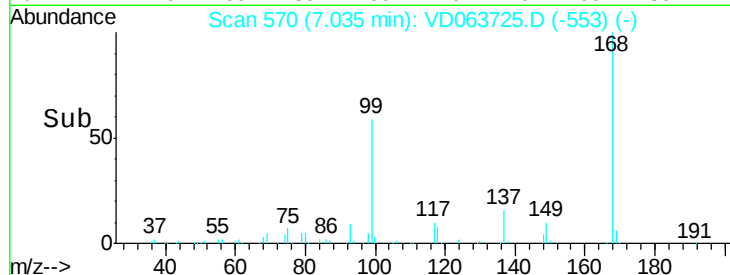
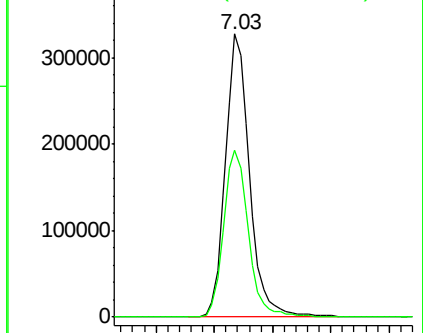
168 100

99 58.9 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: 10.636 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.02 min

Lab File: VD063725.D

Acq: 21 Aug 2019 20:51

Tgt Ion: 84 Resp: 94287

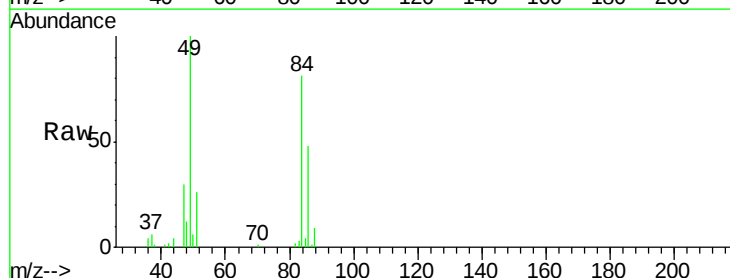
Ion Ratio Lower Upper

84 100

49 123.4 103.4 155.2

51 32.4 28.5 42.7

86 59.2 49.4 74.2

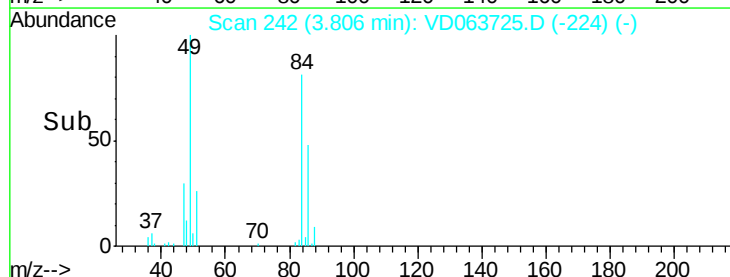
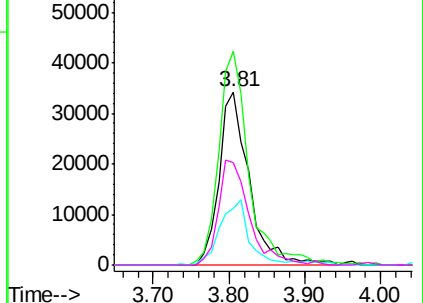


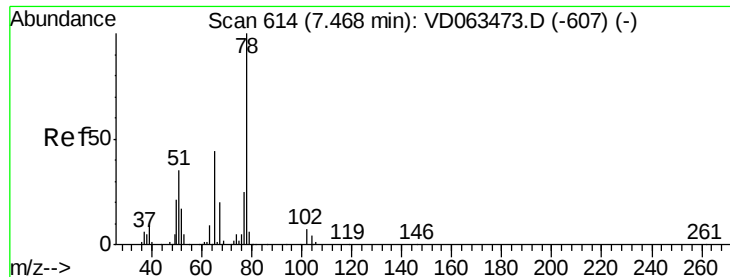
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

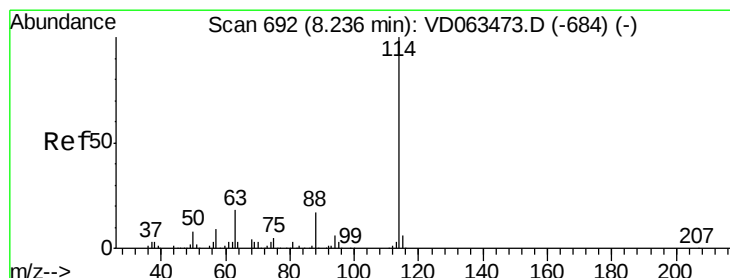
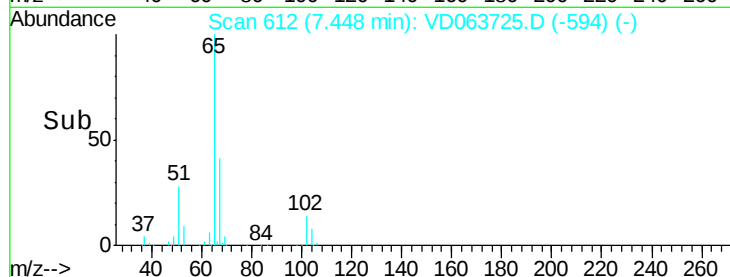
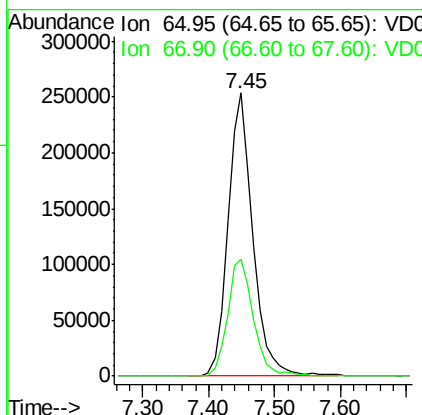
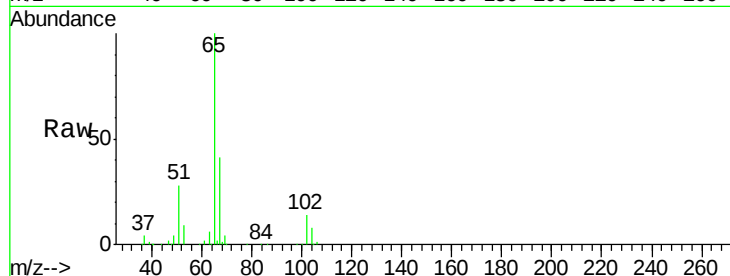




#33
 1,2-Dichloroethane-d4
 Concen: 66.173 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: VD063725.D
 Acq: 21 Aug 2019 20:51

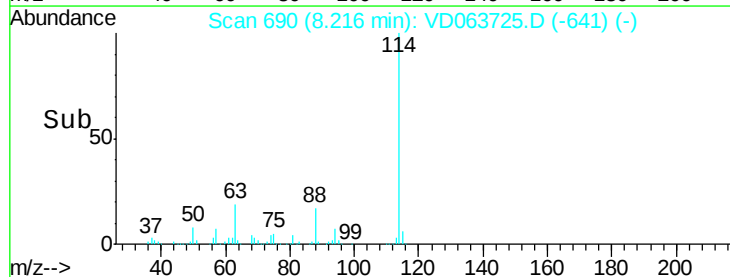
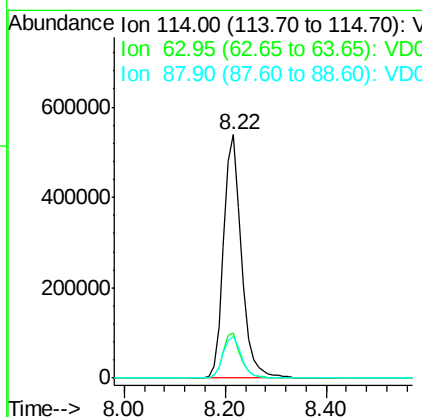
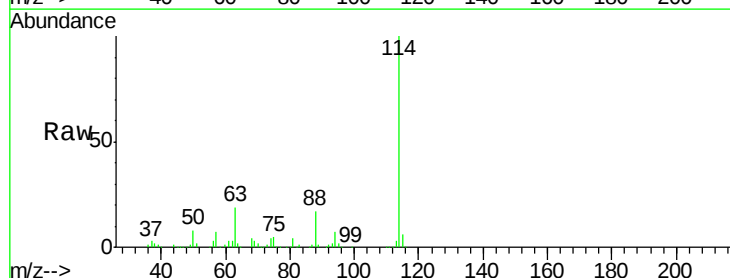
Instrument :
 MSVOA_D
 ClientSampleId :
 T4-E-(2)RE

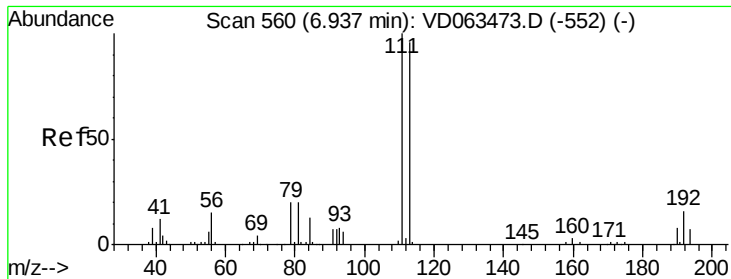
Tot Ion: 65 Resp: 667340
 Ion Ratio Lower Upper
 65 100
 67 41.5 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.02 min
 Lab File: VD063725.D
 Acq: 21 Aug 2019 20:51

Tgt Ion: 114 Resp: 1324349
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.2
 88 16.8 0.0 35.0





#35

Dibromofluoromethane

Concen: 69.765 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063725.D

Acq: 21 Aug 2019 20:51

Instrument :

MSVOA_D

ClientSampleId :

T4-E-(2)RE

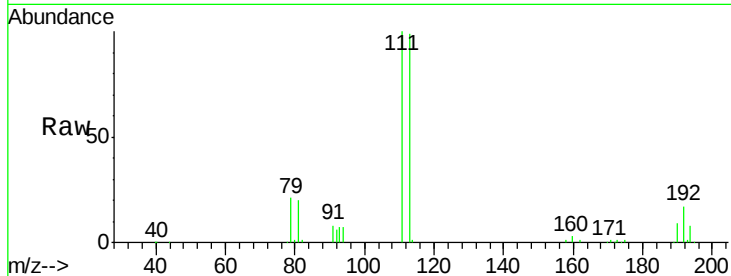
Tot Ion:113 Resp: 778139

Ion Ratio Lower Upper

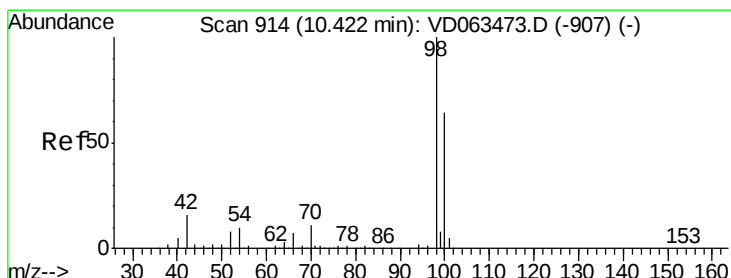
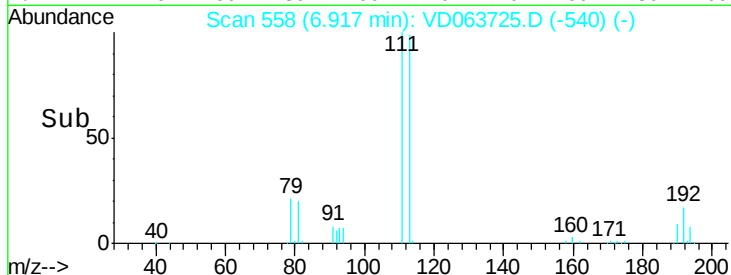
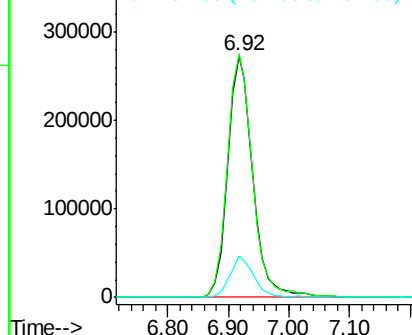
113 100

111 100.8 83.1 124.7

192 17.3 13.1 19.7



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: 60.707 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD063725.D

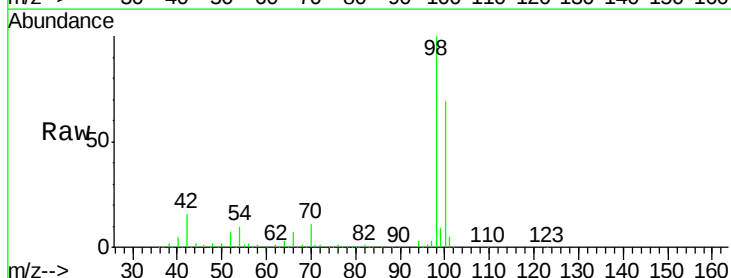
Acq: 21 Aug 2019 20:51

Tgt Ion: 98 Resp: 1488666

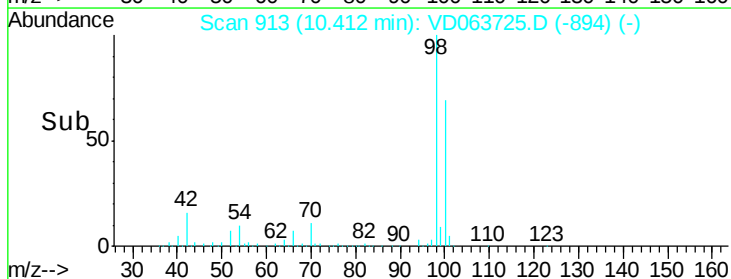
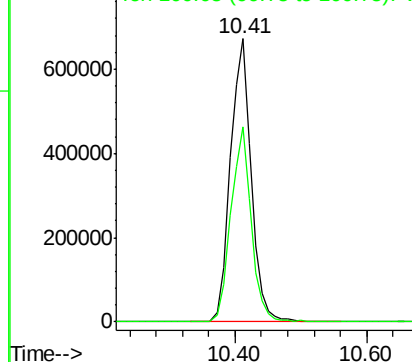
Ion Ratio Lower Upper

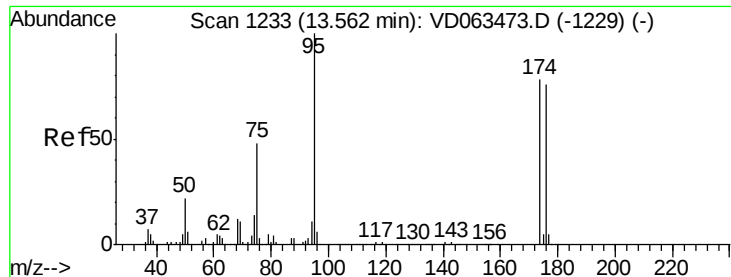
98 100

100 68.7 51.7 77.5



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





#62

4-Bromofluorobenzene

Concen: 50.916 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD063725.D

Acq: 21 Aug 2019 20:51

Instrument :

MSVOA_D

ClientSampleId :

T4-E-(2)RE

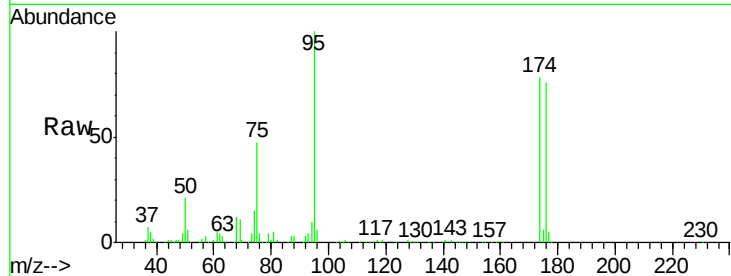
Tot Ion: 95 Resp: 565907

Ion Ratio Lower Upper

95 100

174 78.1 0.0 155.4

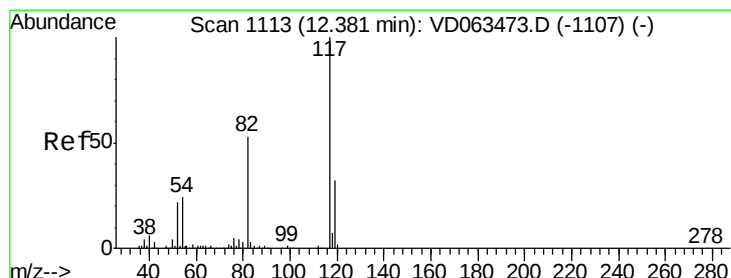
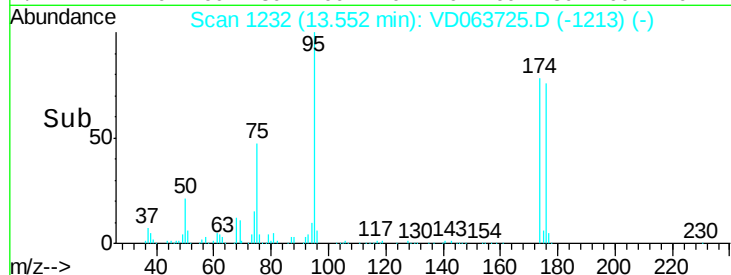
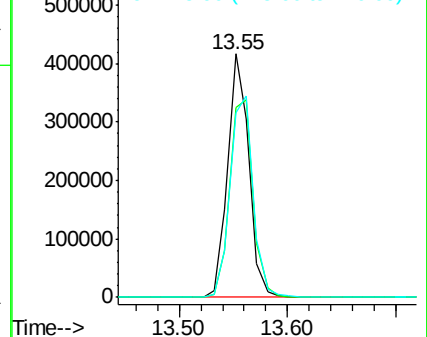
176 75.9 0.0 152.4



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: VD063725.D

Acq: 21 Aug 2019 20:51

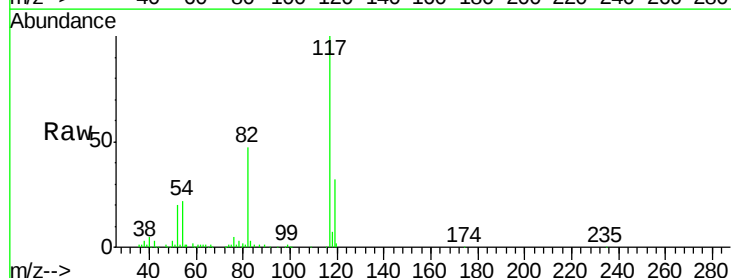
Tgt Ion: 117 Resp: 1040199

Ion Ratio Lower Upper

117 100

82 47.3 42.0 63.0

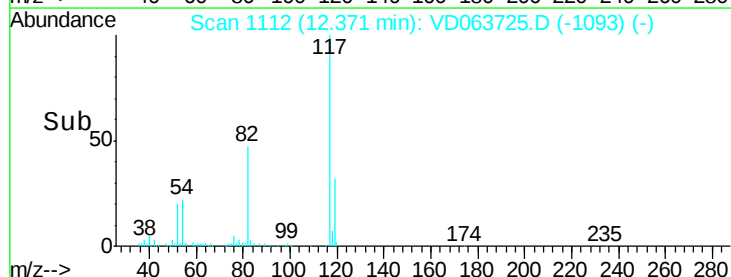
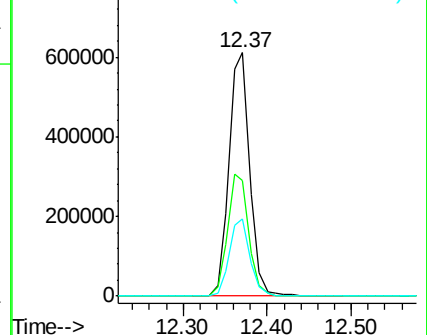
119 31.5 25.4 38.0

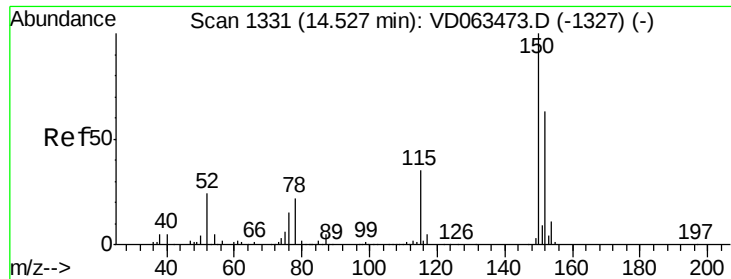


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD063725.D

Acq: 21 Aug 2019 20:51

Instrument :

MSVOA_D

ClientSampleId :

T4-E-(2)RE

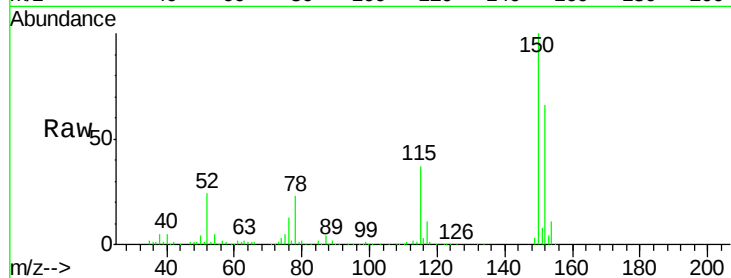
Tot Ion:152 Resp: 414545

Ion Ratio Lower Upper

152 100

115 55.4 30.9 92.7

150 151.4 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

