

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082019\
 Data File : VD063687.D
 Acq On : 20 Aug 2019 16:22
 Operator : JC/SY
 Sample : K4388-02
 Misc : 10.33g/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T4-B4-(0)

Quant Time: Aug 21 04:21:01 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

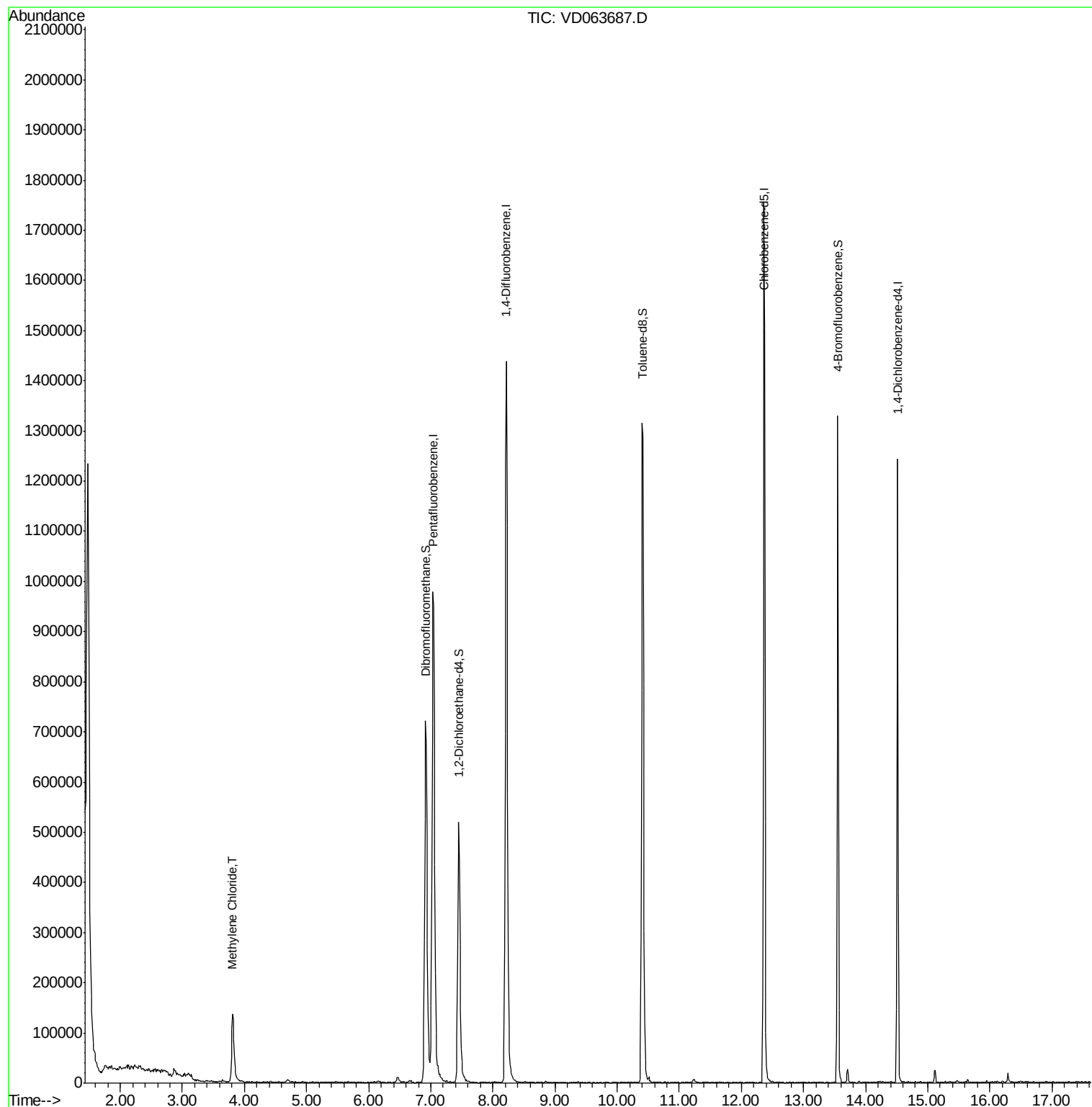
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	994835	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1535325	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	1000137	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	281717	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	571600	53.75	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	107.50%	
35) Dibromofluoromethane	6.92	113	654764	50.64	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	101.28%	
50) Toluene-d8	10.41	98	1102688	38.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.58%	
62) 4-Bromofluorobenzene	13.55	95	364939	28.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.64%	
Target Compounds						
20) Methylene Chloride	3.81	84	88013	9.416	ug/l	Qvalue 95

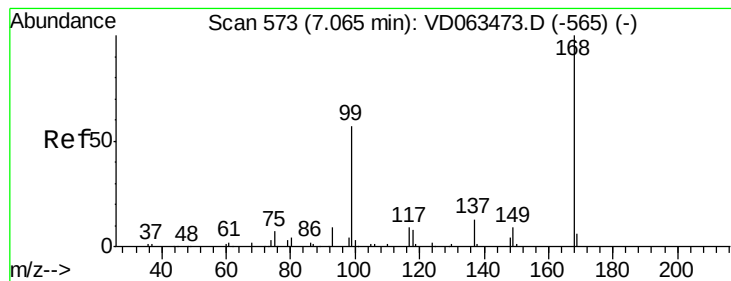
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.05 min Scan# 571

Delta R.T. -0.02 min

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Acq: 20 Aug 2019 16:22

Instrument :

MSVOA_D

ClientSampleId :

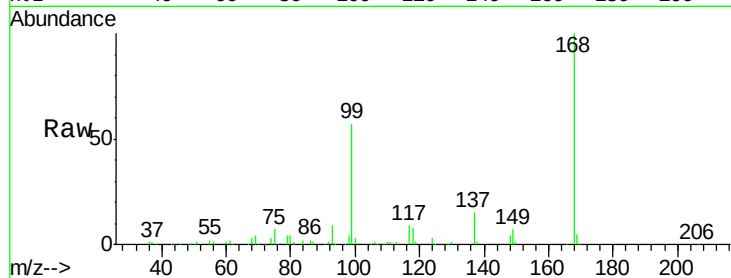
T4-B4-(0)

Tot Ion:168 Resp: 994835

Ion Ratio Lower Upper

168 100

99 57.2 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

400000

300000

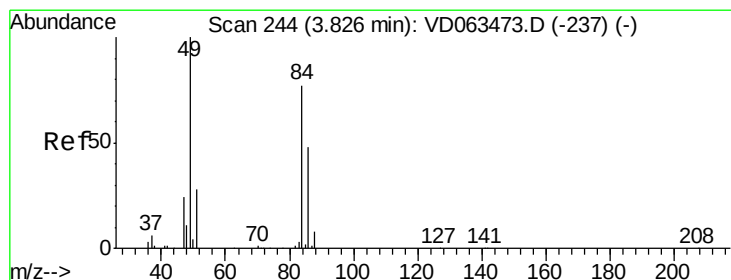
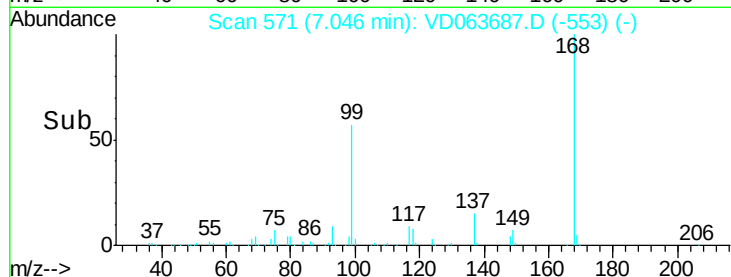
200000

100000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#20

Methylene Chloride

Concen: 9.416 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.02 min

Lab File: VD063687.D

Acq: 20 Aug 2019 16:22

Tgt Ion: 84 Resp: 88013

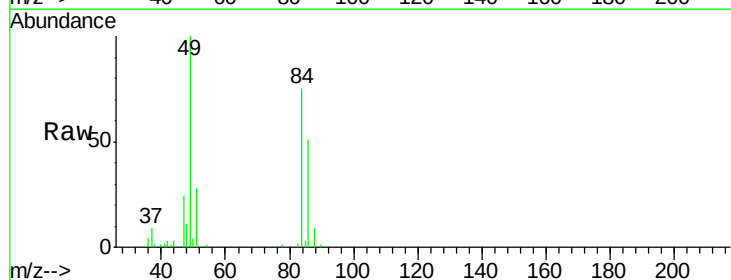
Ion Ratio Lower Upper

84 100

49 133.6 103.4 155.2

51 37.6 28.5 42.7

86 68.0 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

60000

50000

40000

30000

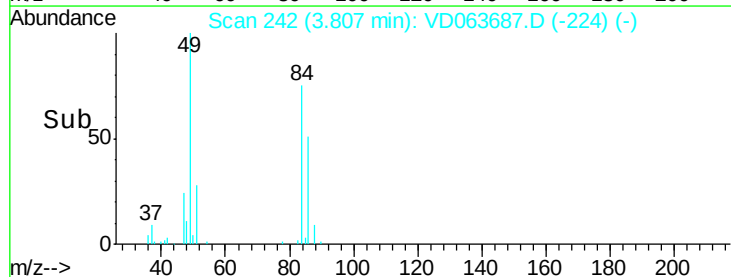
20000

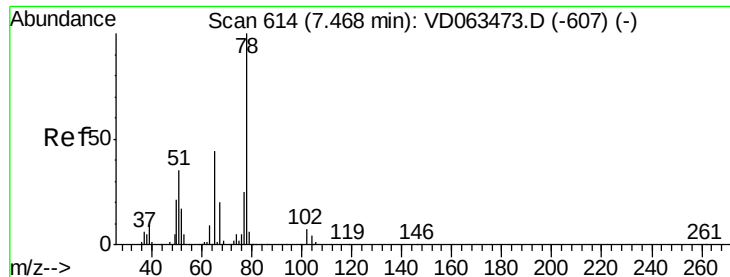
10000

0

3.70 3.80 3.90 4.00

Time-->

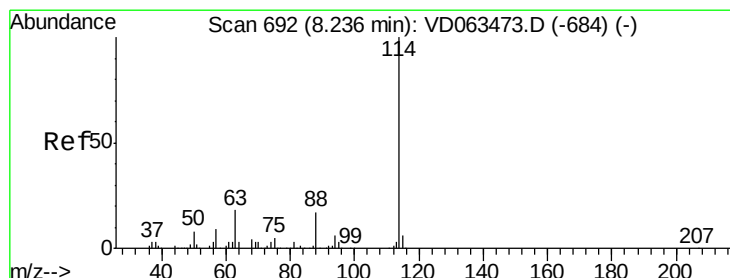
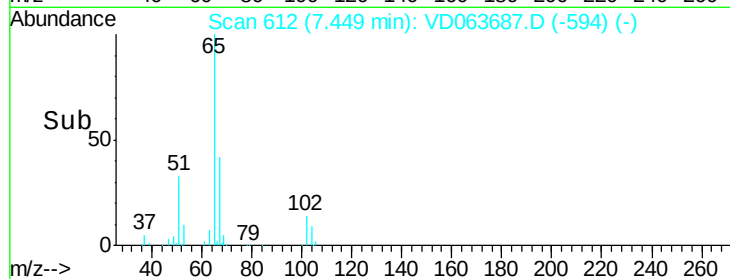
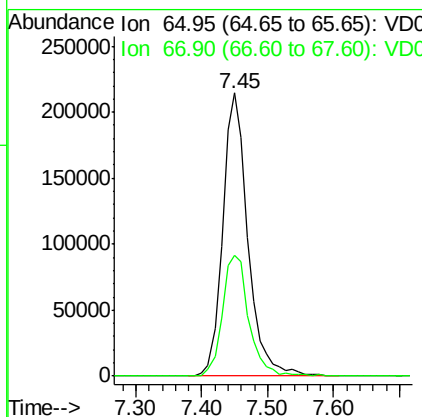
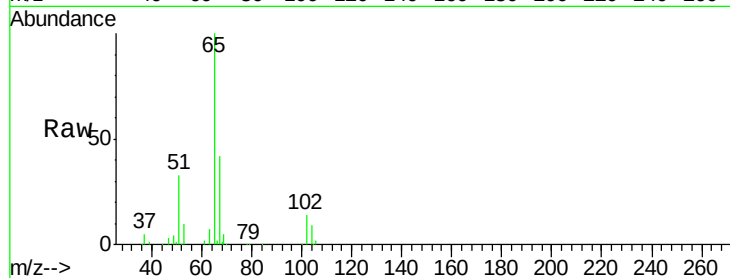




#33
 1,2-Dichloroethane-d4
 Concen: 53.752 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: VD063687.D
 Acq: 20 Aug 2019 16:22

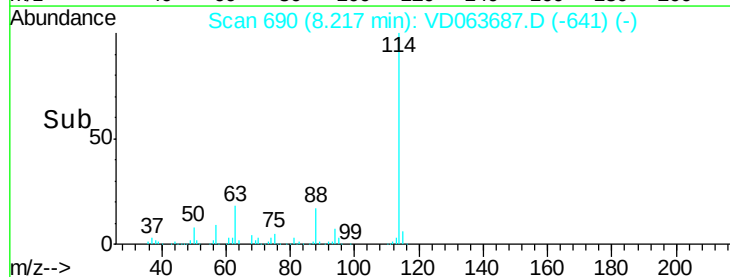
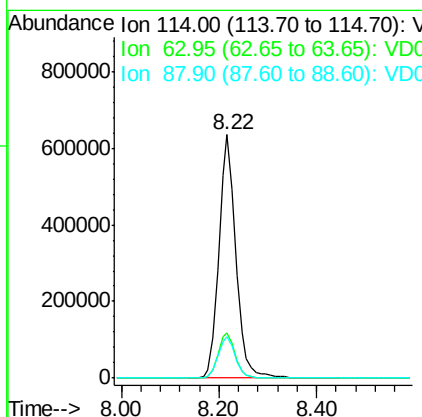
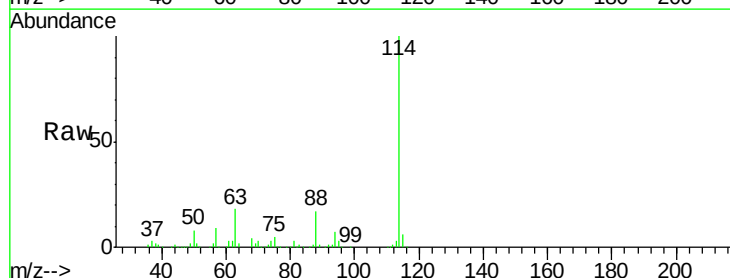
Instrument :
 MSVOA_D
 ClientSampleId :
 T4-B4-(0)

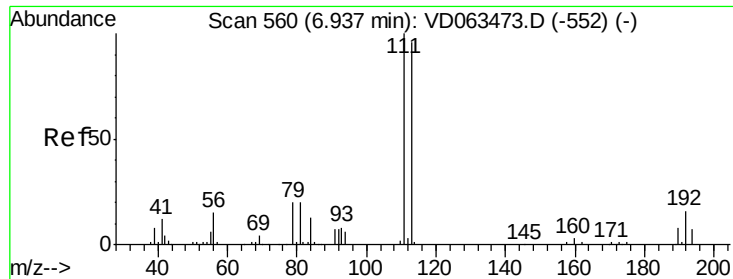
Tot Ion: 65 Resp: 571600
 Ion Ratio Lower Upper
 65 100
 67 42.5 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.02 min
 Lab File: VD063687.D
 Acq: 20 Aug 2019 16:22

Tgt Ion: 114 Resp: 1535325
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.2
 88 17.0 0.0 35.0





#35

Dibromofluoromethane

Concen: 50.637 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063687.D

Acq: 20 Aug 2019 16:22

Instrument :

MSVOA_D

ClientSampleId :

T4-B4-(0)

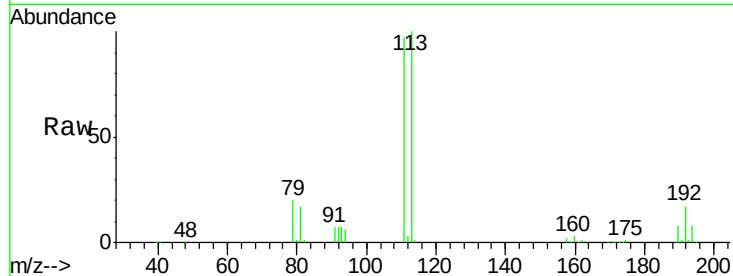
Tot Ion:113 Resp: 654764

Ion Ratio Lower Upper

113 100

111 96.6 83.1 124.7

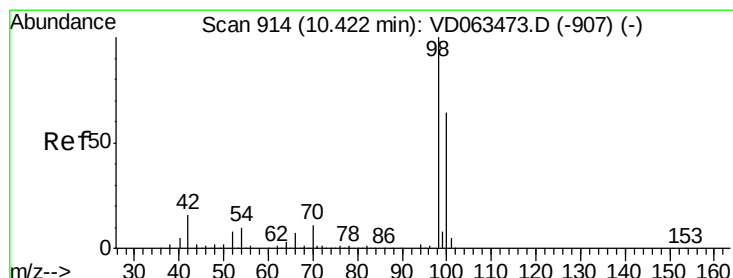
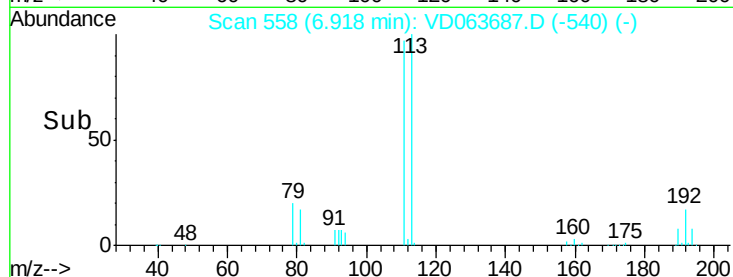
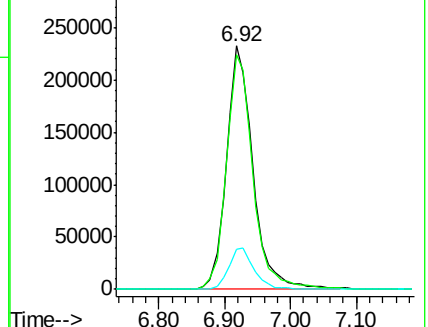
192 16.6 13.1 19.7



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: 38.788 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD063687.D

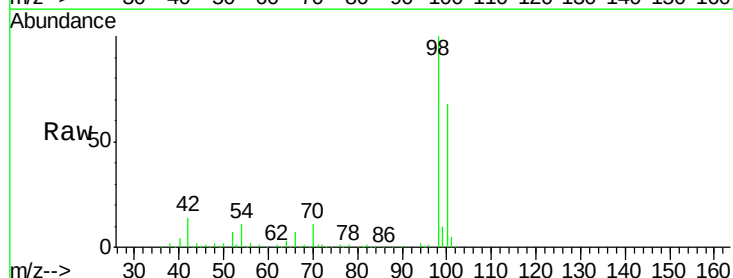
Acq: 20 Aug 2019 16:22

Tgt Ion: 98 Resp: 1102688

Ion Ratio Lower Upper

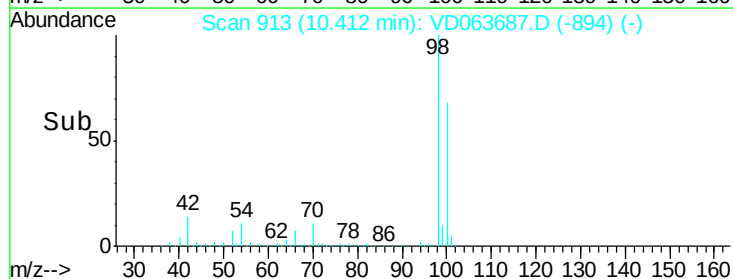
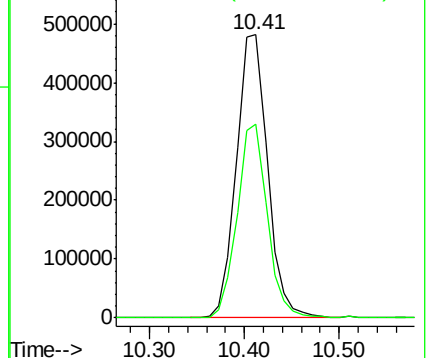
98 100

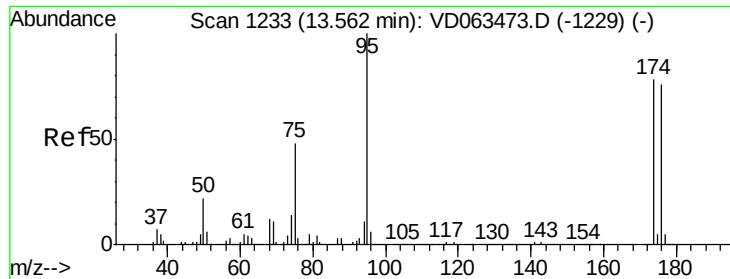
100 68.3 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

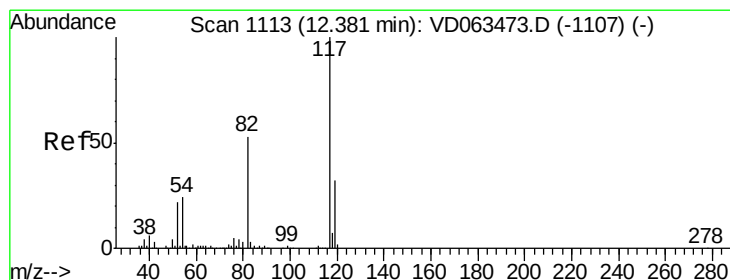
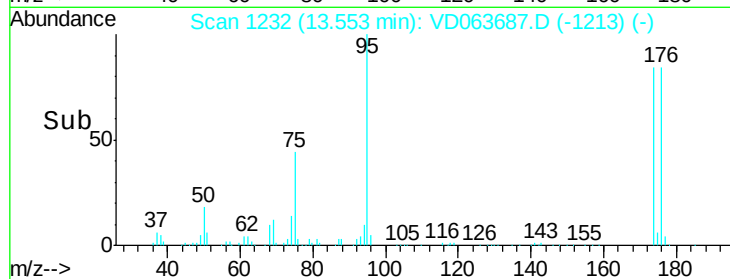
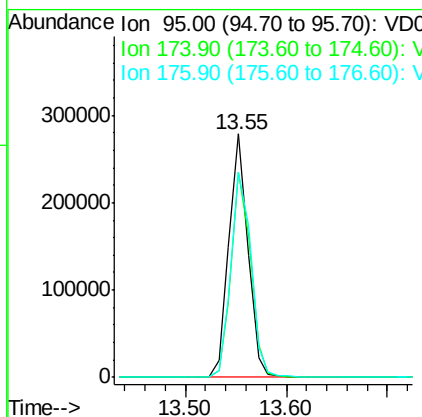
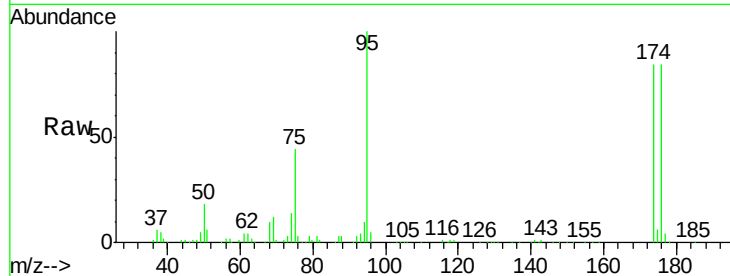




#62
4-Bromofluorobenzene
Concen: 28.323 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063687.D
Acq: 20 Aug 2019 16:22

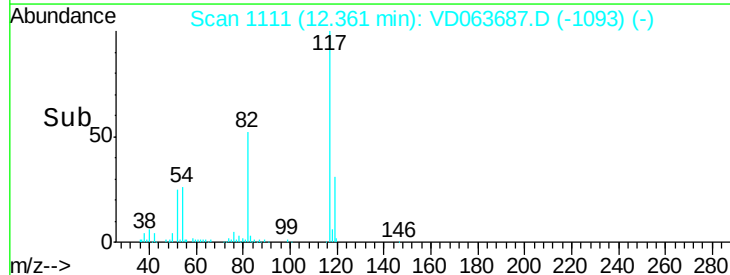
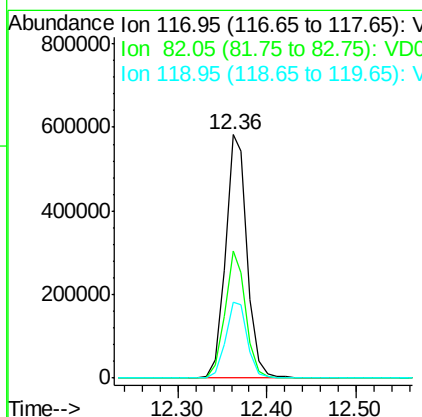
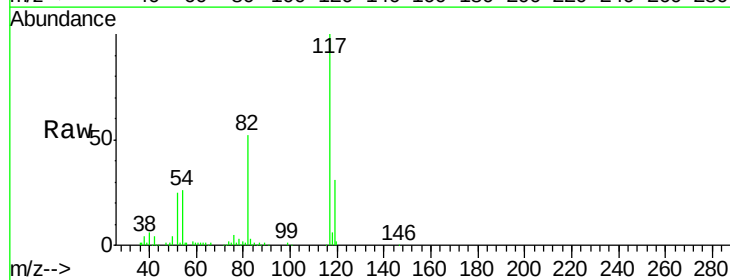
Instrument :
MSVOA_D
ClientSampleId :
T4-B4-(0)

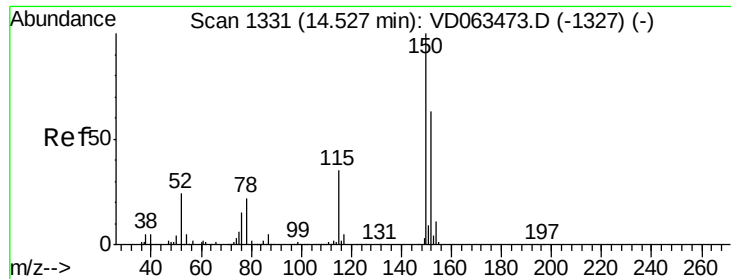
Tot Ion: 95 Resp: 364939
Ion Ratio Lower Upper
95 100
174 84.3 0.0 155.4
176 84.0 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063687.D
Acq: 20 Aug 2019 16:22

Tgt Ion: 117 Resp: 1000137
Ion Ratio Lower Upper
117 100
82 52.2 42.0 63.0
119 31.3 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD063687.D

Acq: 20 Aug 2019 16:22

Instrument :

MSVOA_D

ClientSampleId :

T4-B4-(0)

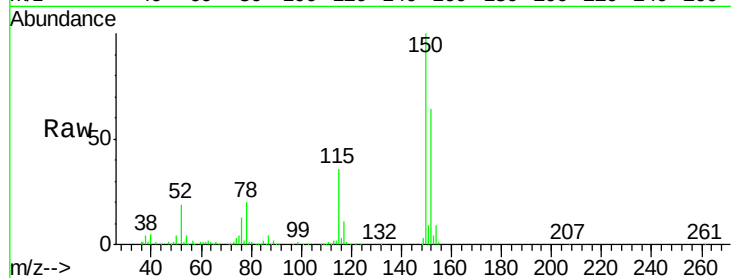
Tot Ion:152 Resp: 281717

Ion Ratio Lower Upper

152 100

115 56.0 30.9 92.7

150 156.7 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

