

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082219\
 Data File : VD063740.D
 Acq On : 22 Aug 2019 18:19
 Operator : JC/SY
 Sample : K4404-04RE
 Misc : 5.78g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T1-L-(2.5)RE

Quant Time: Aug 23 07:26:08 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

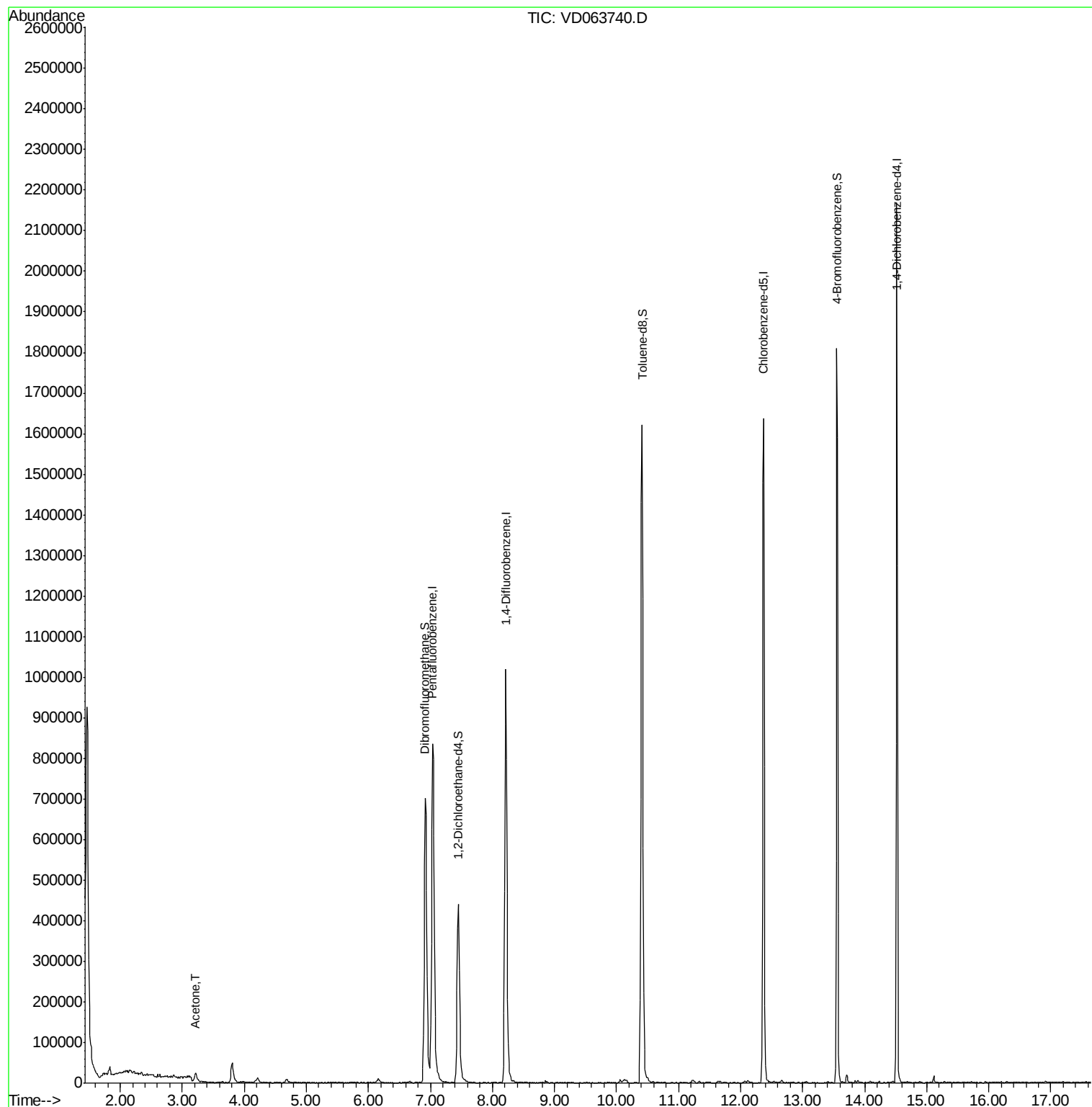
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	819833	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.22	114	1087763	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	918434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	446263	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	554827	63.31	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	126.62%	
35) Dibromofluoromethane	6.92	113	620236	67.70	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	135.40%	
50) Toluene-d8	10.41	98	1321850	65.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.26%	
62) 4-Bromofluorobenzene	13.55	95	528676	57.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.82%	
Target Compounds						
16) Acetone	3.22	43	39521	22.185	ug/l #	Qvalue 85

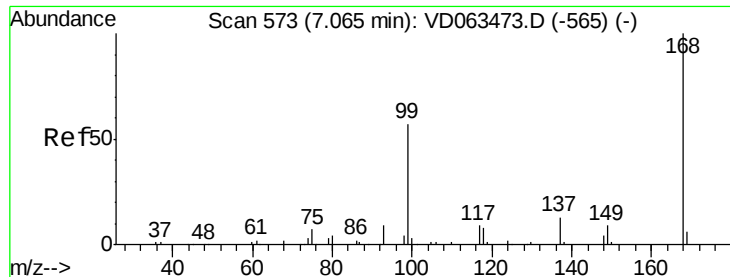
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.03 min

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Instrument :

MSVOA_D

ClientSampleId :

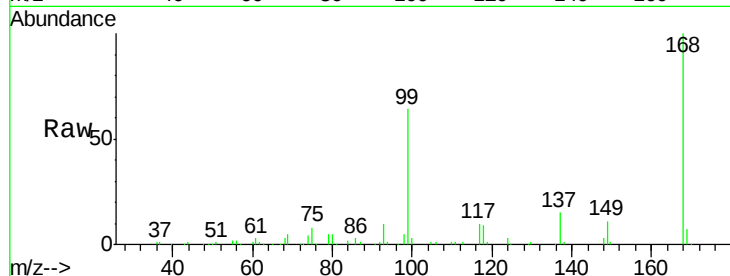
T1-L-(2.5)RE

Tot Ion:168 Resp: 819833

Ion Ratio Lower Upper

168 100

99 64.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

300000

250000

200000

150000

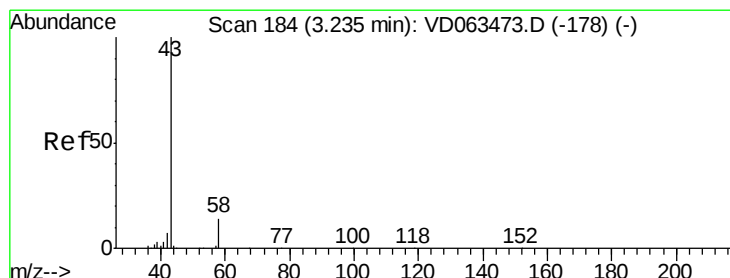
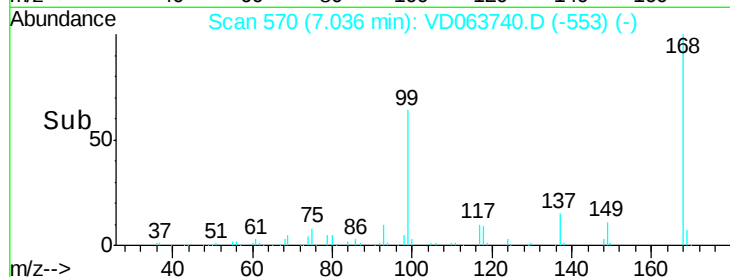
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 22.185 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD063740.D

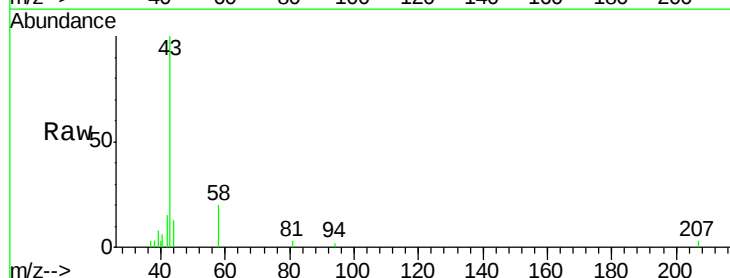
Acq: 22 Aug 2019 18:19

Tgt Ion: 43 Resp: 39521

Ion Ratio Lower Upper

43 100

58 20.4 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

15000

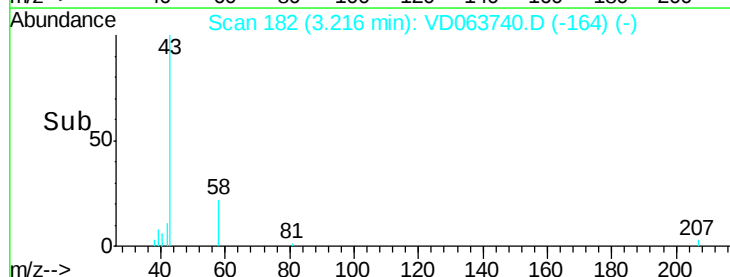
10000

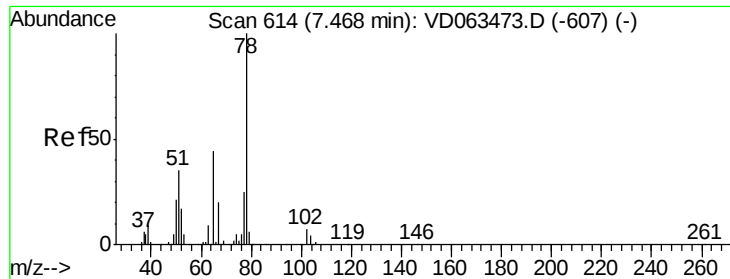
5000

0

Time-->

3.10 3.20 3.30

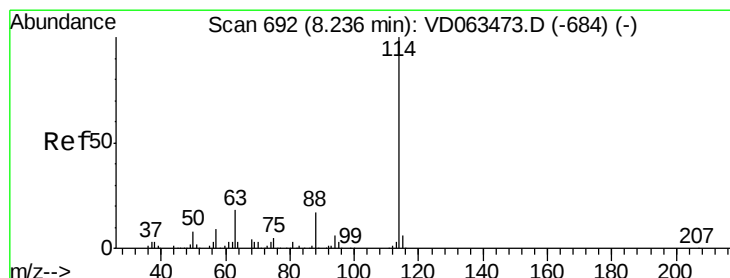
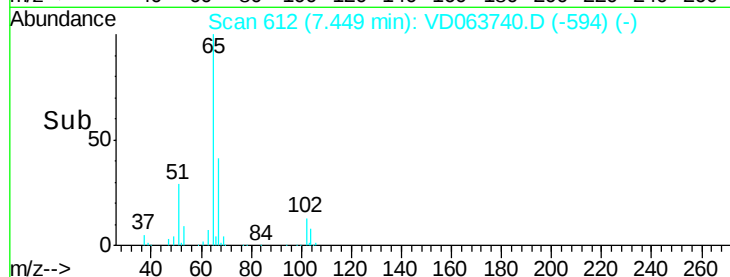
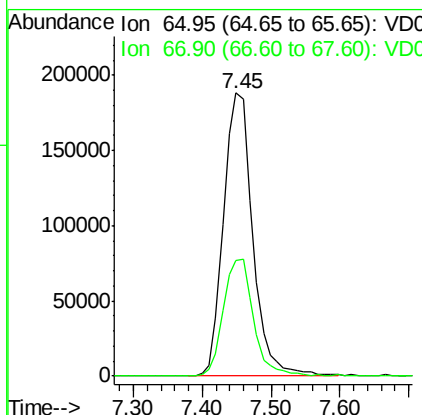
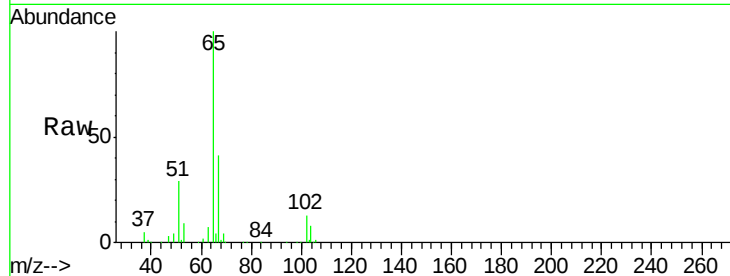




#33
 1,2-Dichloroethane-d4
 Concen: 63.312 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: VD063740.D
 Acq: 22 Aug 2019 18:19

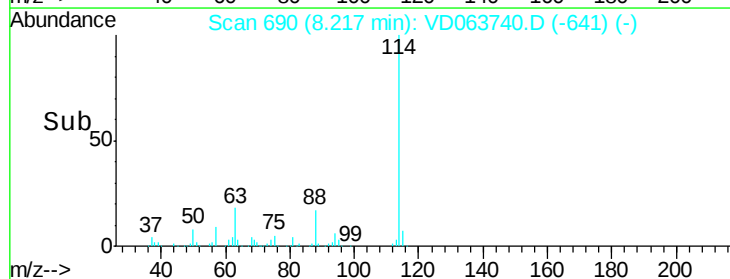
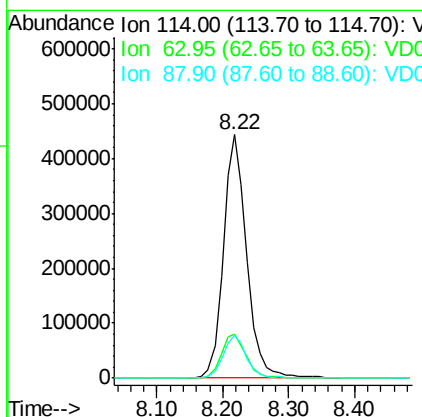
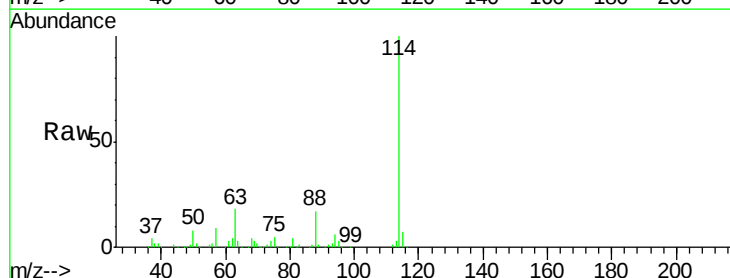
Instrument :
 MSVOA_D
 ClientSampleId :
 T1-L-(2.5)RE

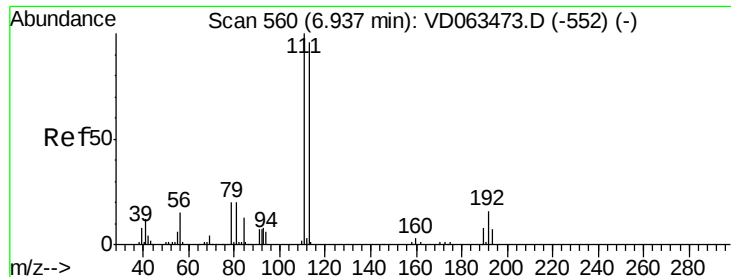
Tot Ion: 65 Resp: 554827
 Ion Ratio Lower Upper
 65 100
 67 41.0 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.02 min
 Lab File: VD063740.D
 Acq: 22 Aug 2019 18:19

Tgt Ion: 114 Resp: 1087763
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 36.2
 88 17.3 0.0 35.0





#35

Dibromofluoromethane

Concen: 67.702 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063740.D

Acq: 22 Aug 2019 18:19

Instrument :

MSVOA_D

ClientSampleId :

T1-L-(2.5)RE

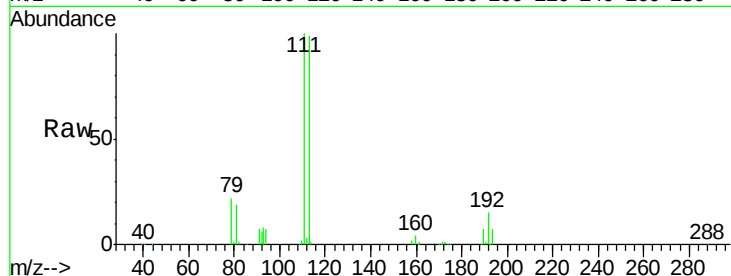
Tot Ion:113 Resp: 620236

Ion Ratio Lower Upper

113 100

111 100.6 83.1 124.7

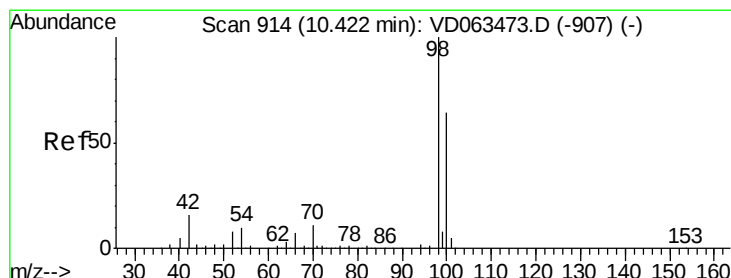
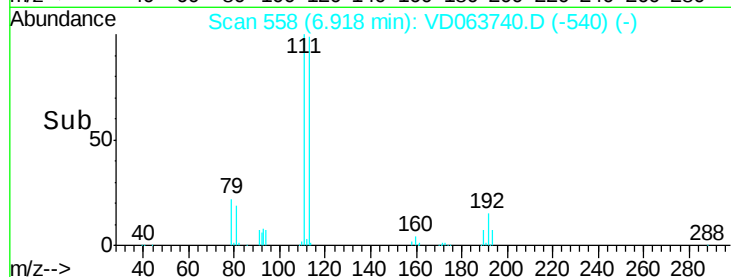
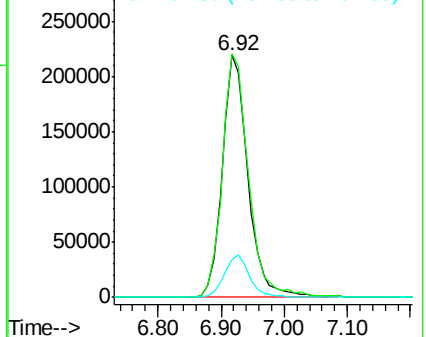
192 15.5 13.1 19.7



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: 65.629 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD063740.D

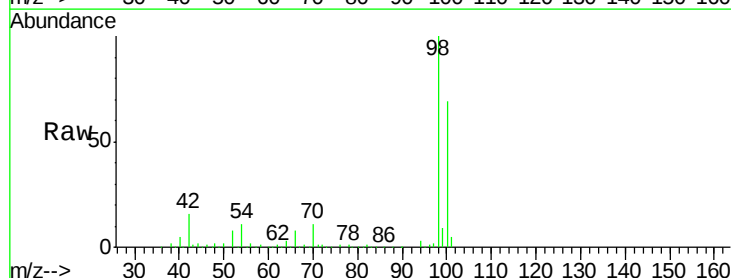
Acq: 22 Aug 2019 18:19

Tgt Ion: 98 Resp: 1321850

Ion Ratio Lower Upper

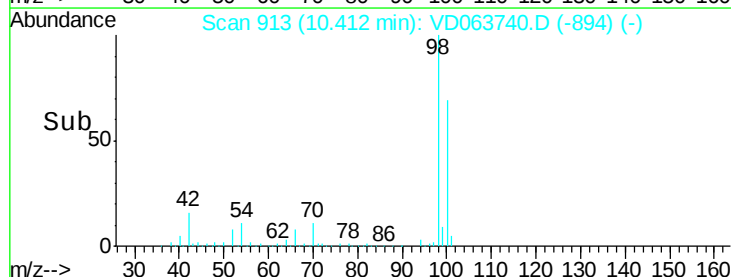
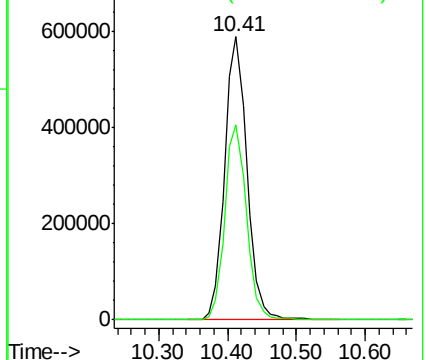
98 100

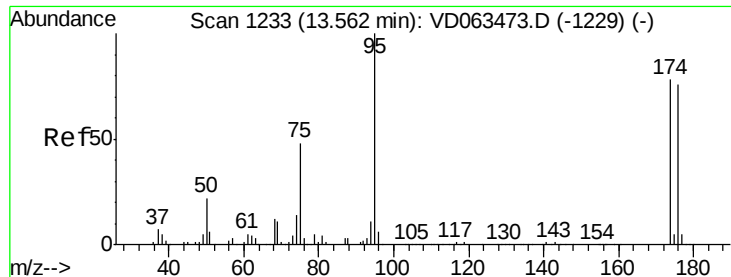
100 68.8 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 57.912 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD063740.D

Acq: 22 Aug 2019 18:19

Instrument :

MSVOA_D

ClientSampleId :

T1-L-(2.5)RE

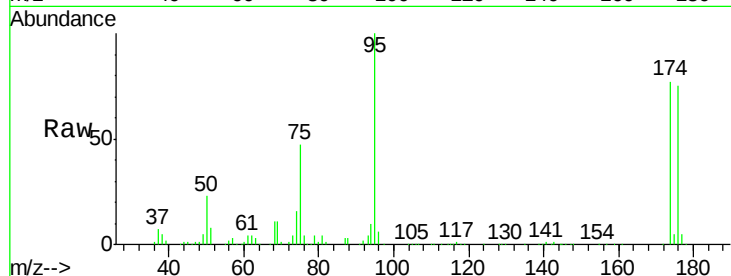
Tot Ion: 95 Resp: 528676

Ion Ratio Lower Upper

95 100

174 76.7 0.0 155.4

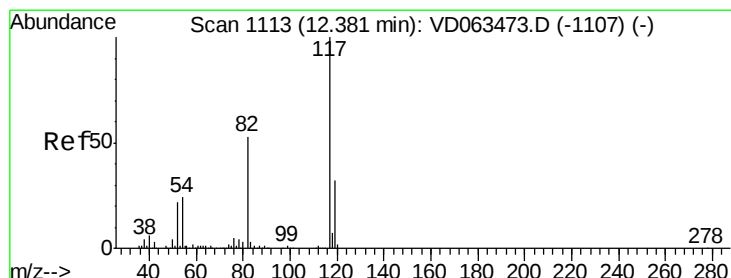
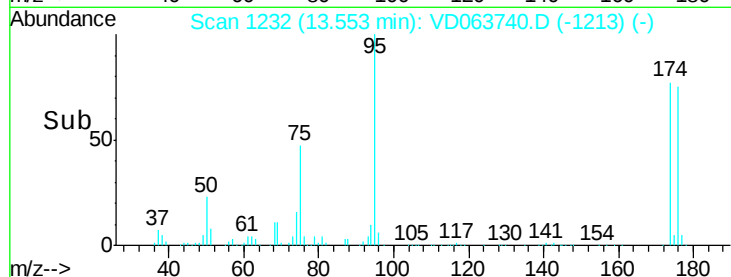
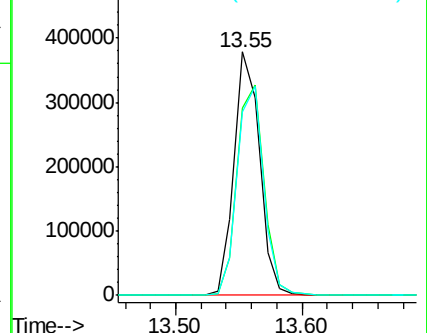
176 75.3 0.0 152.4



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: VD063740.D

Acq: 22 Aug 2019 18:19

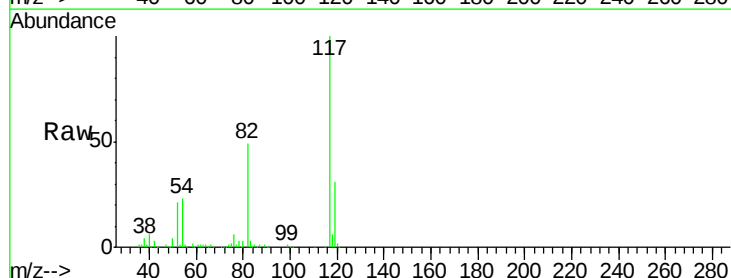
Tgt Ion: 117 Resp: 918434

Ion Ratio Lower Upper

117 100

82 49.4 42.0 63.0

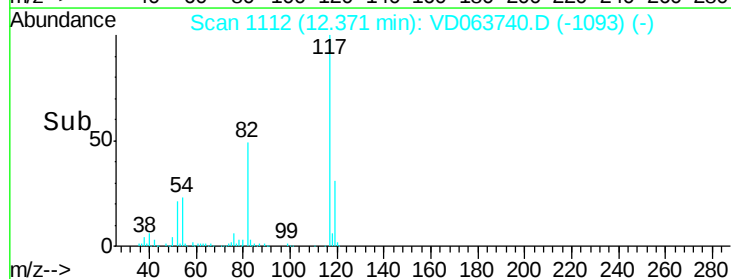
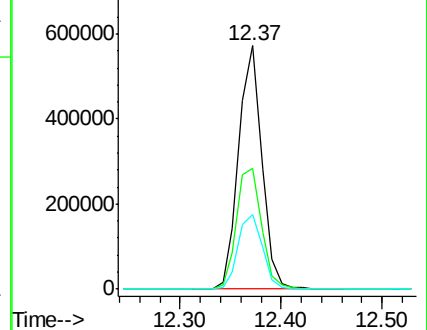
119 30.9 25.4 38.0

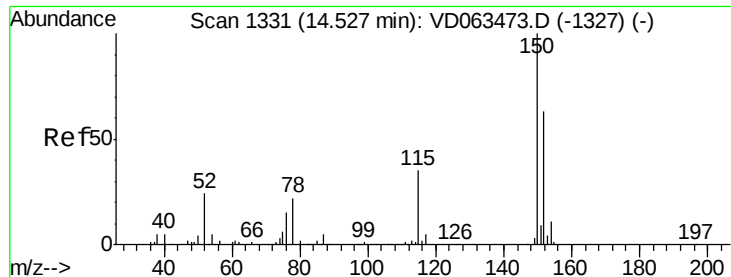


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD063740.D

Acq: 22 Aug 2019 18:19

Instrument :

MSVOA_D

ClientSampleId :

T1-L-(2.5)RE

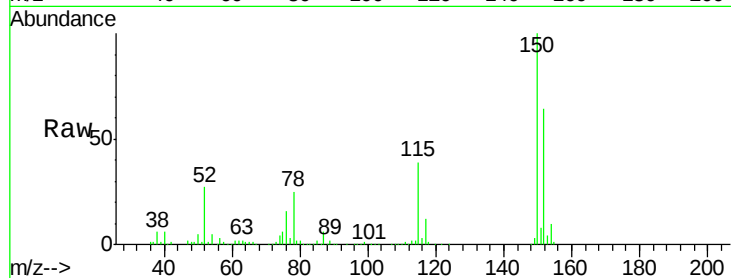
Tot Ion:152 Resp: 446263

Ion Ratio Lower Upper

152 100

115 60.3 30.9 92.7

150 156.0 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

