

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061819\
 Data File : VD062756.D
 Acq On : 18 Jun 2019 18:14
 Operator : VA/AP
 Sample : K3419-10RE
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-ERE

Quant Time: Jun 19 06:41:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

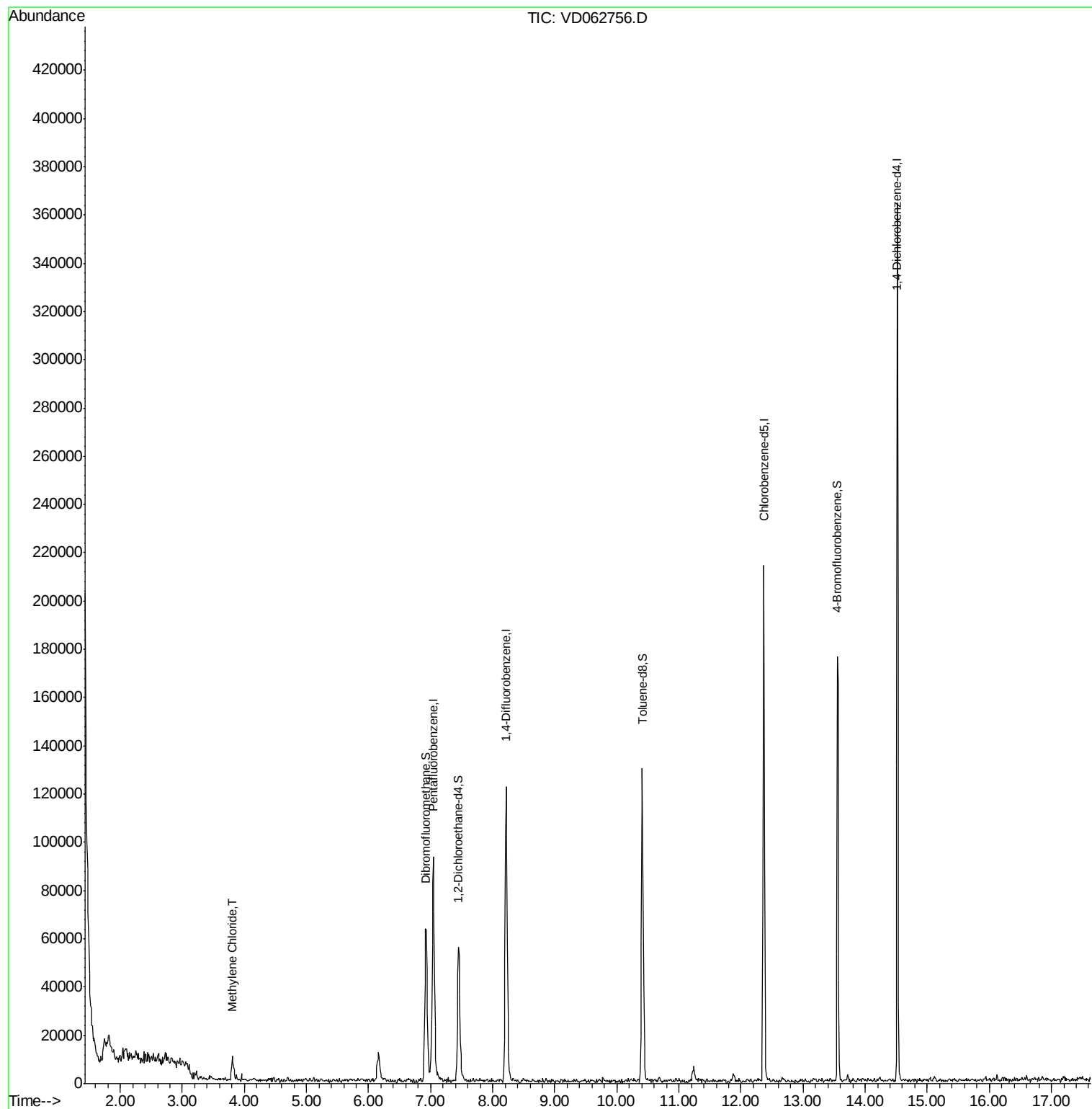
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	87677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	122504	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	112193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	69461	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	65163	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
35) Dibromofluoromethane	6.93	113	54168	41.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.86%	
50) Toluene-d8	10.41	98	98584	36.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.54%	
62) 4-Bromofluorobenzene	13.55	95	49795	39.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.54%	
Target Compounds						
20) Methylene Chloride	3.81	84	5233	5.586	ug/l #	Qvalue 89

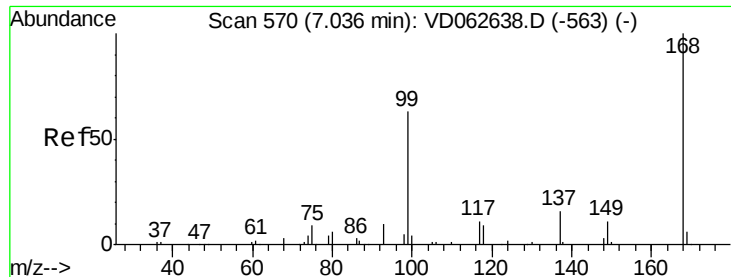
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD062756.D

Acq: 18 Jun 2019 18:14

Instrument :

MSVOA_D

ClientSampleId :

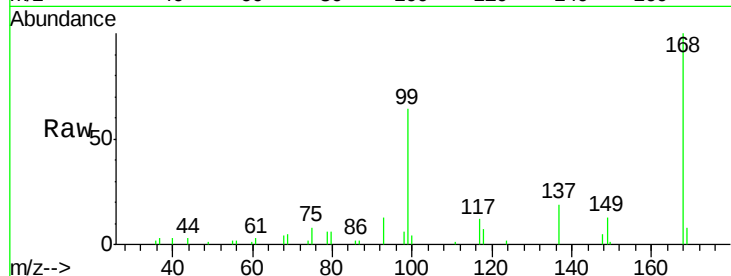
TP-ERE

Tot Ion:168 Resp: 87677

Ion Ratio Lower Upper

168 100

99 63.7 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

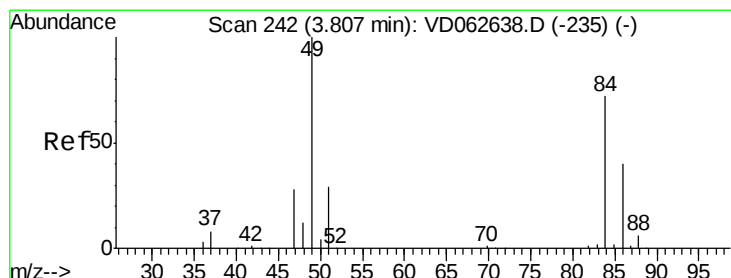
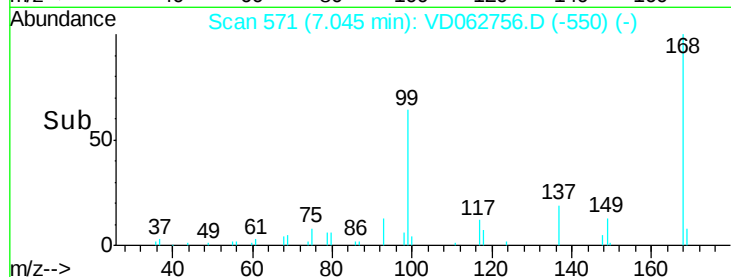
30000

20000

10000

0

Time--> 6.90 7.00 7.10 7.20



#20

Methylene Chloride

Concen: 5.586 ug/l

RT: 3.81 min Scan# 242

Delta R.T. 0.00 min

Lab File: VD062756.D

Acq: 18 Jun 2019 18:14

Tgt Ion: 84 Resp: 5233

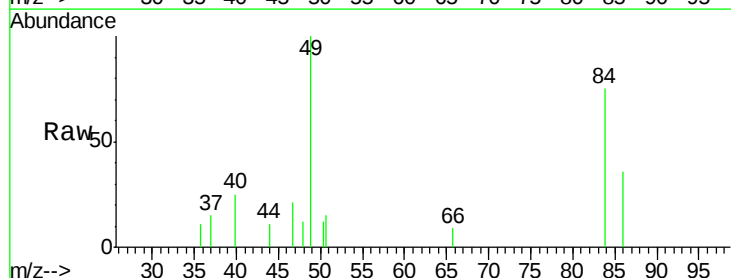
Ion Ratio Lower Upper

84 100

49 133.8 111.2 166.8

51 20.0 31.9 47.9#

86 48.3 44.7 67.1



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

3.81

5000

4000

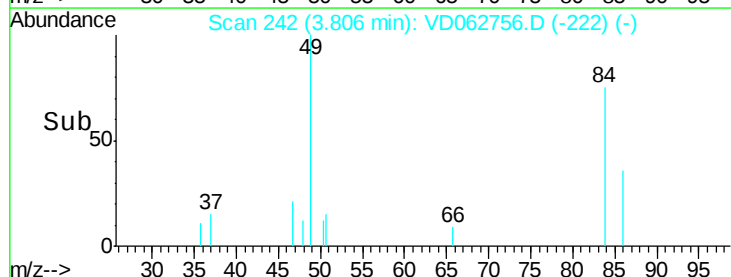
3000

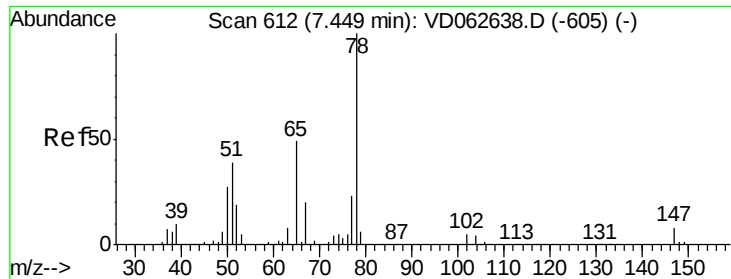
2000

1000

0

Time--> 3.75 3.80 3.85 3.90





#33

1,2-Dichloroethane-d4

Concen: 51.505 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.00 min

Lab File: VD062756.D

Acq: 18 Jun 2019 18:14

Instrument :

MSVOA_D

ClientSampled :

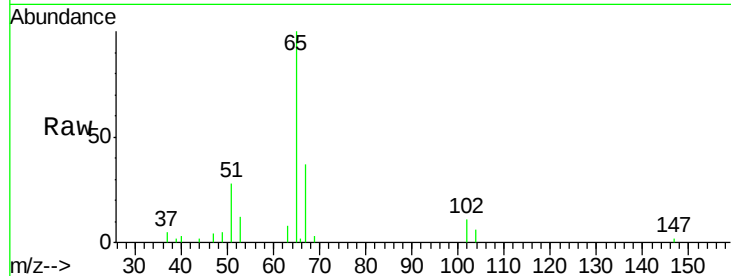
TP-ERE

Tot Ion: 65 Resp: 65163

Ion Ratio Lower Upper

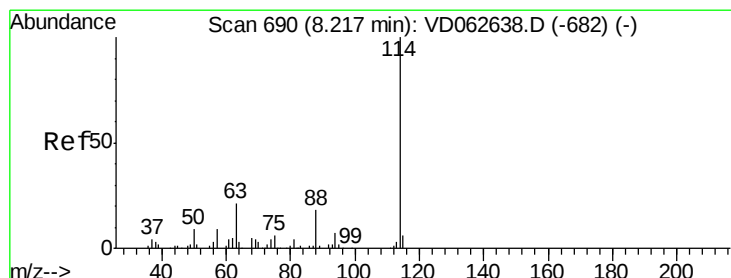
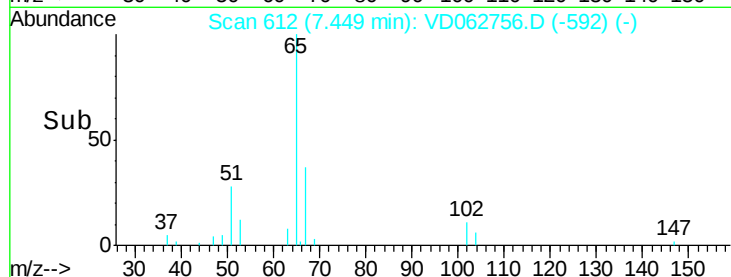
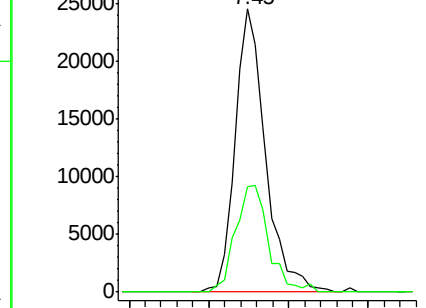
65 100

67 37.1 0.0 81.8



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. -0.00 min

Lab File: VD062756.D

Acq: 18 Jun 2019 18:14

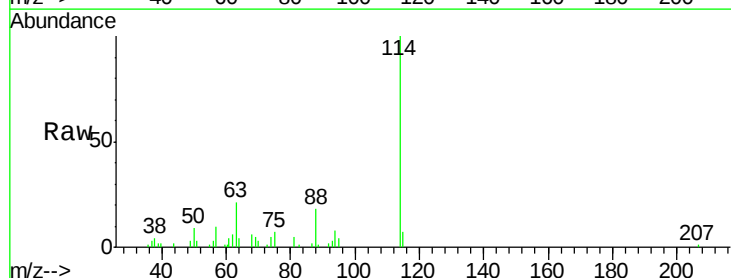
Tgt Ion: 114 Resp: 122504

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.4

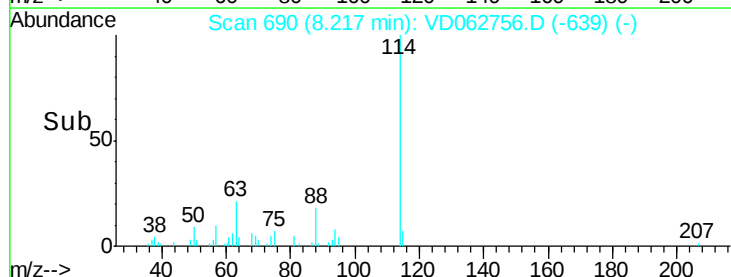
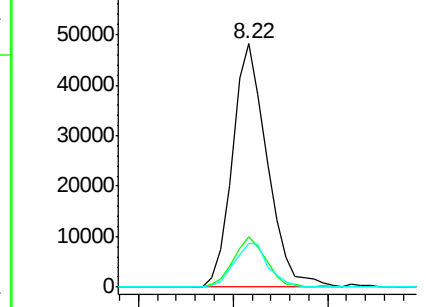
88 18.0 0.0 36.8

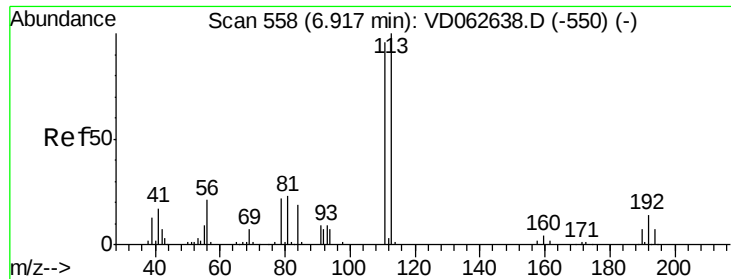


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 41.927 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.01 min

Lab File: VD062756.D

Acq: 18 Jun 2019 18:14

Instrument :

MSVOA_D

ClientSampled :

TP-ERE

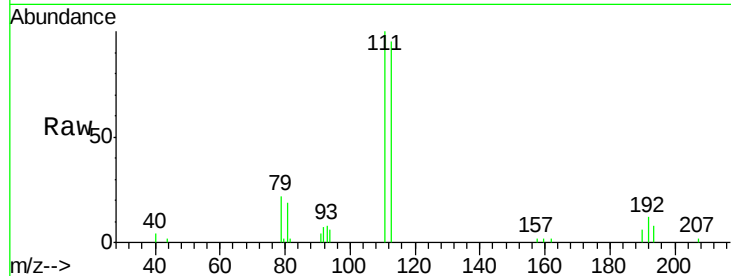
Tot Ion:113 Resp: 54168

Ion Ratio Lower Upper

113 100

111 105.4 76.4 114.6

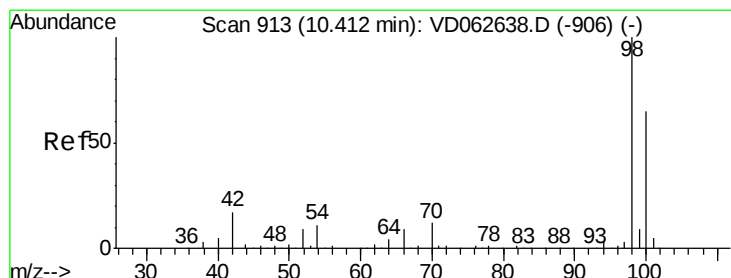
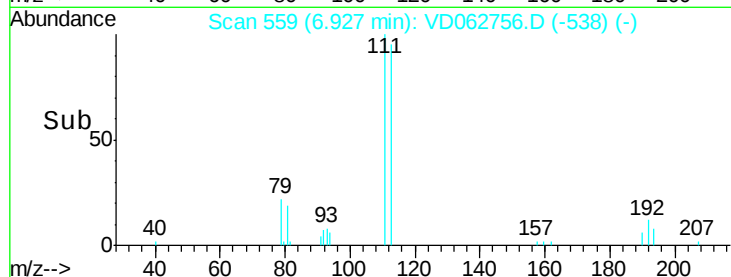
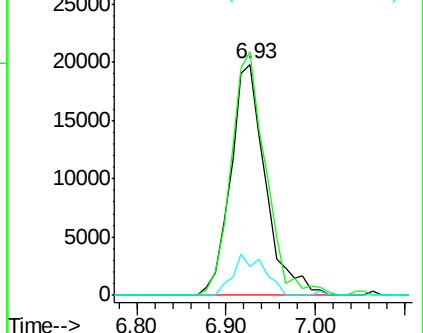
192 12.4 11.4 17.0



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: 36.273 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.00 min

Lab File: VD062756.D

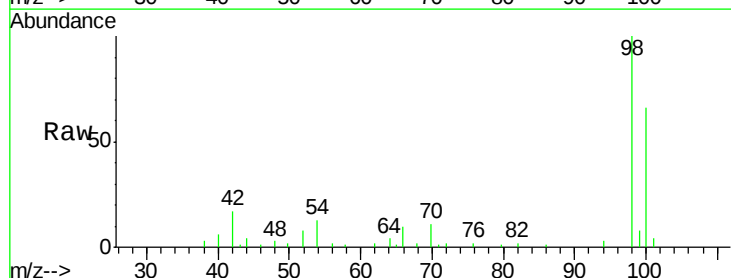
Acq: 18 Jun 2019 18:14

Tgt Ion: 98 Resp: 98584

Ion Ratio Lower Upper

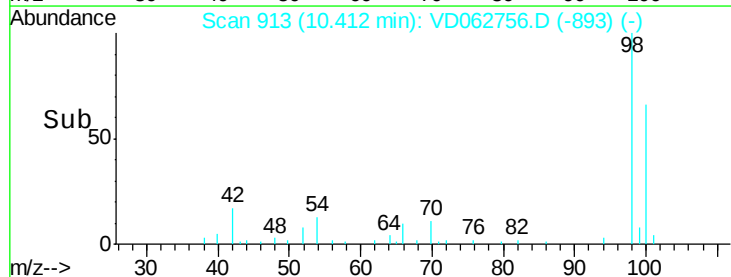
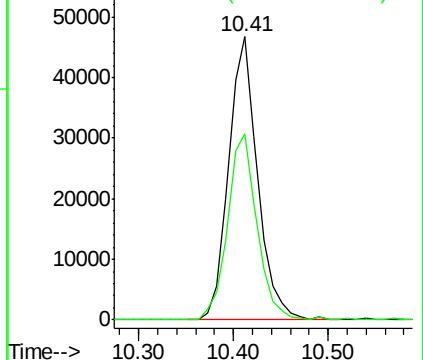
98 100

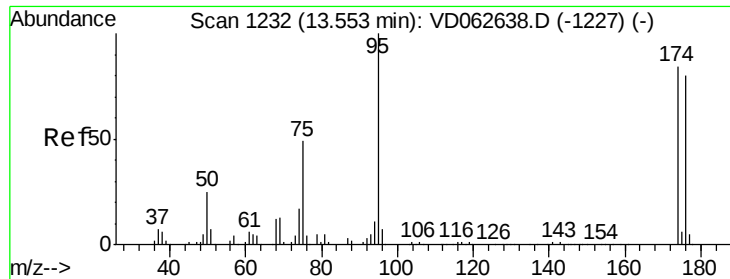
100 65.8 52.1 78.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

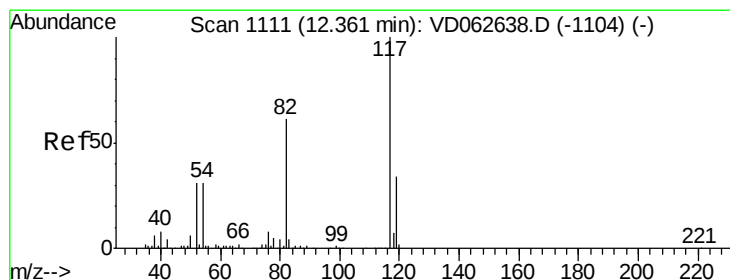
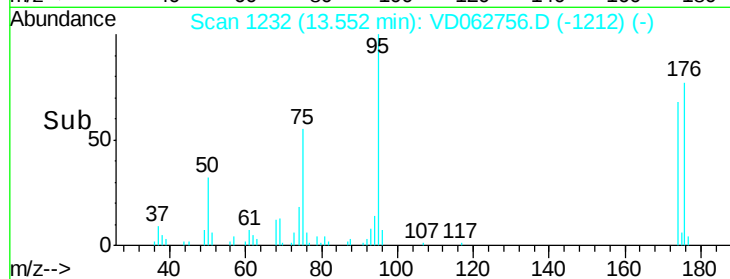
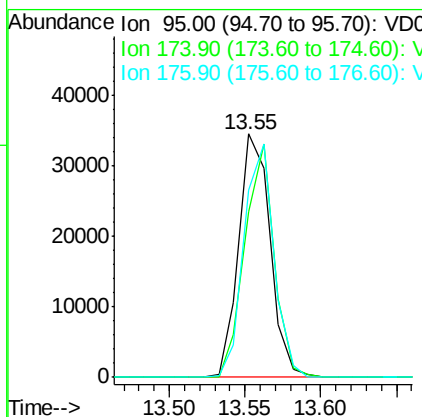
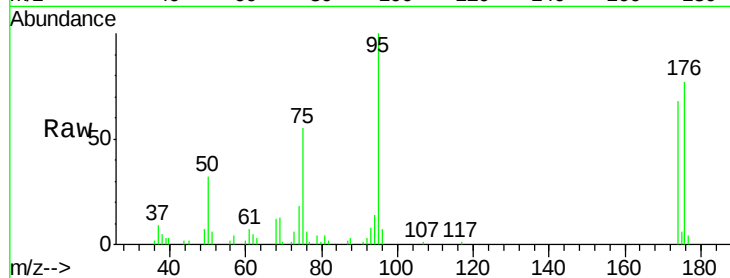




#62
4-Bromofluorobenzene
Concen: 39.271 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062756.D
Acq: 18 Jun 2019 18:14

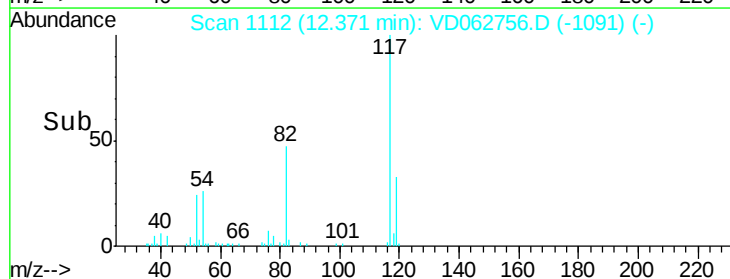
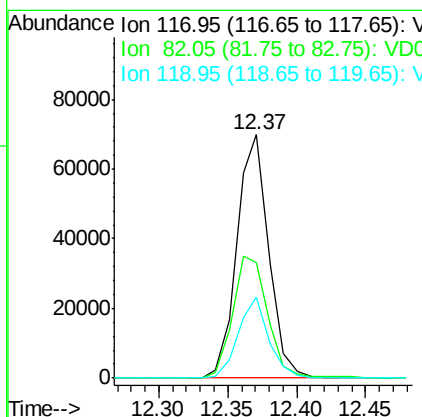
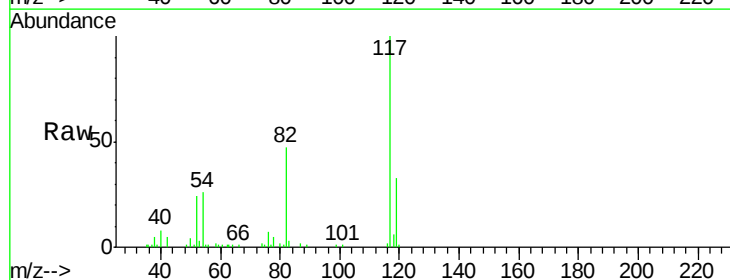
Instrument :
MSVOA_D
ClientSampleId :
TP-ERE

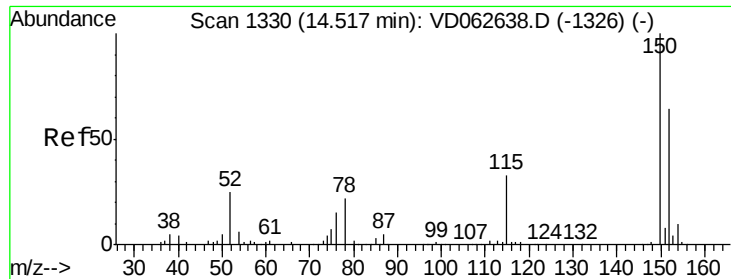
Tot Ion: 95 Resp: 49795
Ion Ratio Lower Upper
95 100
174 67.8 0.0 167.0
176 76.9 0.0 159.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062756.D
Acq: 18 Jun 2019 18:14

Tgt Ion: 117 Resp: 112193
Ion Ratio Lower Upper
117 100
82 47.3 48.7 73.1#
119 33.2 27.0 40.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD062756.D
 Acq: 18 Jun 2019 18:14

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-ERE

Tot Ion:152 Resp: 69461
 Ion Ratio Lower Upper
 152 100
 115 57.0 30.1 90.5
 150 154.9 0.0 314.0

