

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061319\
 Data File : VD062691.D
 Acq On : 13 Jun 2019 13:50
 Operator : VA/AP
 Sample : K3285-01
 Misc : 6.70g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 M-1-OW(0-10)

Quant Time: Jun 14 07:03:08 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

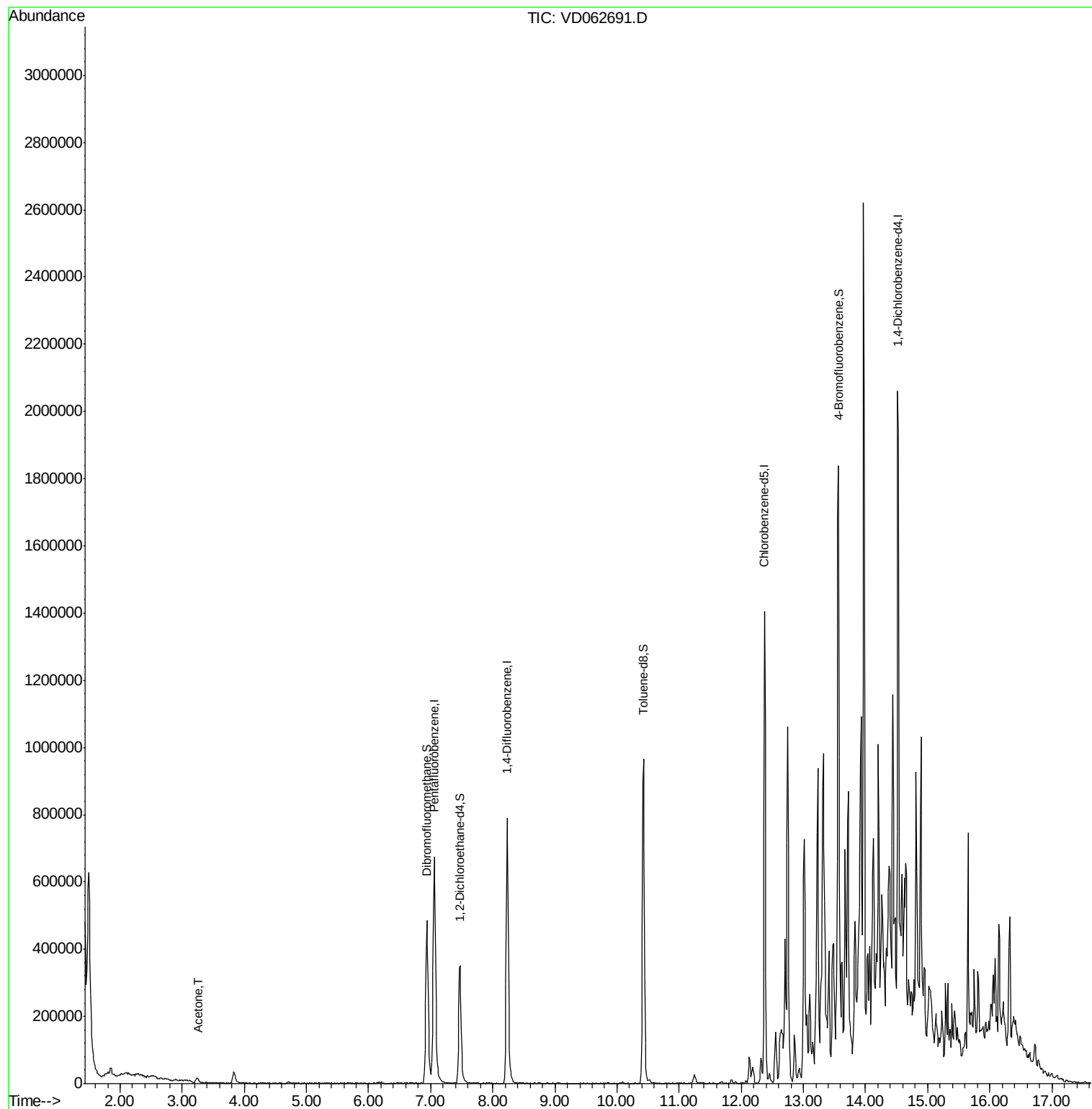
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	625847	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	828218	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	679386	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.53	152	357982	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	435520	48.23	ug/l	0.02
Spiked Amount 50.000			Recovery	=	96.46%	
35) Dibromofluoromethane	6.94	113	421376	48.24	ug/l	0.02
Spiked Amount 50.000			Recovery	=	96.48%	
50) Toluene-d8	10.42	98	766078	41.69	ug/l	0.01
Spiked Amount 50.000			Recovery	=	83.38%	
62) 4-Bromofluorobenzene	13.56	95	386220	45.05	ug/l	0.01
Spiked Amount 50.000			Recovery	=	90.10%	
Target Compounds						
16) Acetone	3.25	43	32715	19.783	ug/l #	Qvalue 93

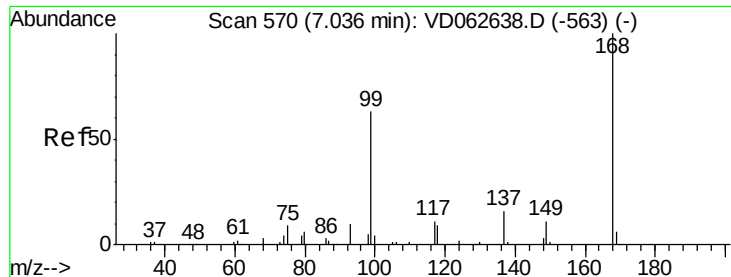
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD062691.D

Acq: 13 Jun 2019 13:50

Instrument :

MSVOA_D

ClientSampleId :

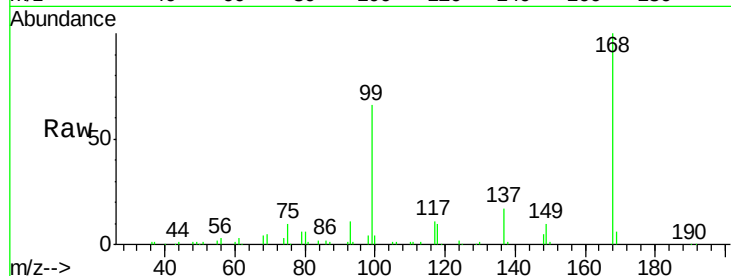
M-1-OW(0-10)

Tot Ion:168 Resp: 625847

Ion Ratio Lower Upper

168 100

99 65.6 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

250000

200000

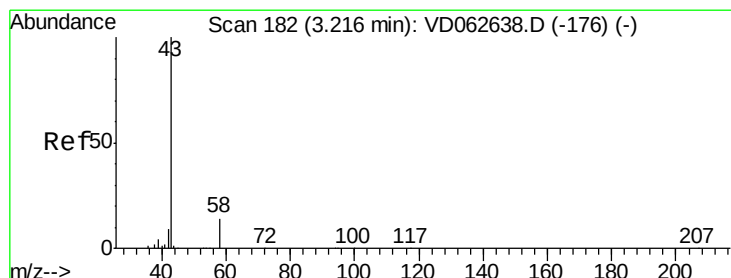
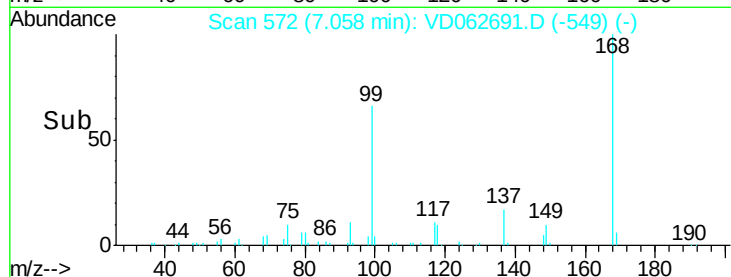
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 19.783 ug/l

RT: 3.25 min Scan# 185

Delta R.T. 0.03 min

Lab File: VD062691.D

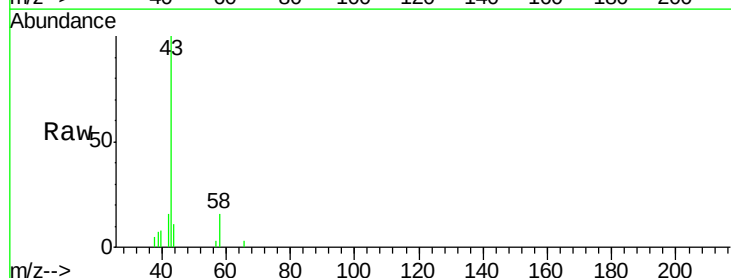
Acq: 13 Jun 2019 13:50

Tgt Ion: 43 Resp: 32715

Ion Ratio Lower Upper

43 100

58 16.3 10.8 16.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

12000

10000

8000

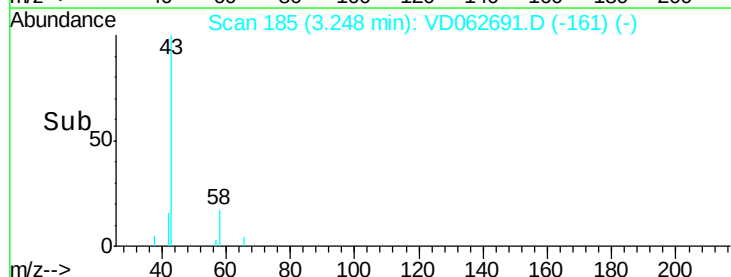
6000

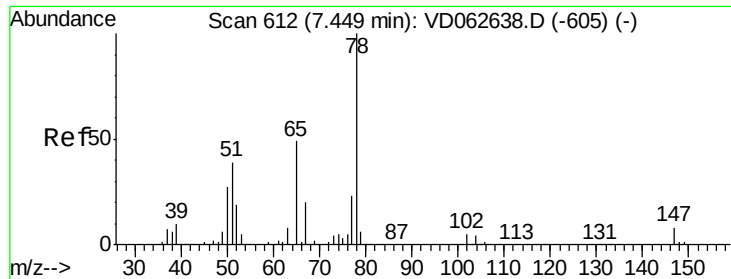
4000

2000

0

Time--> 3.20 3.30

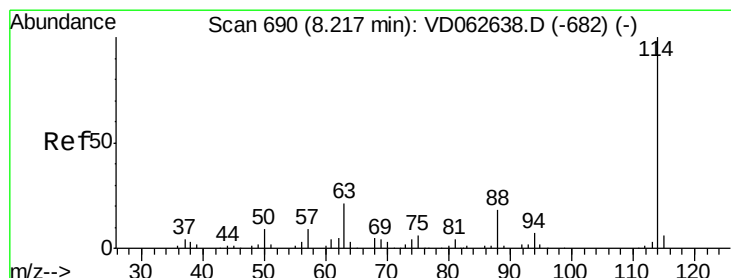
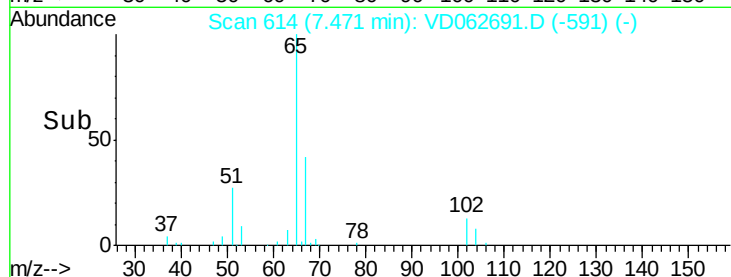
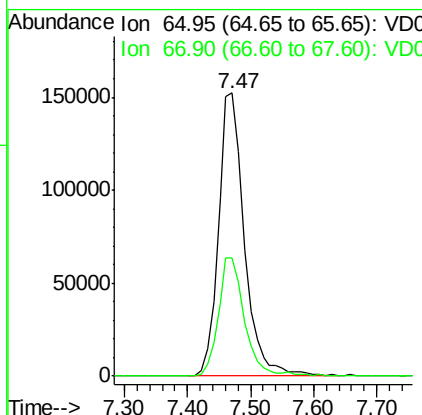
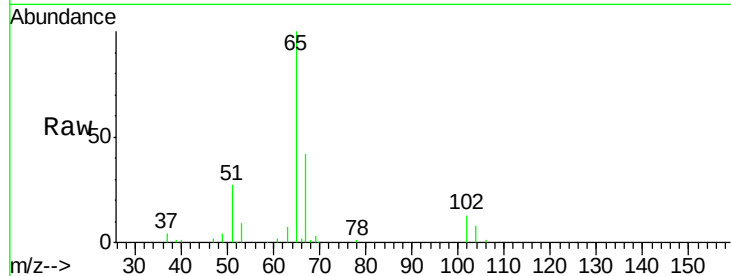




#33
 1,2-Dichloroethane-d4
 Concen: 48.225 ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.02 min
 Lab File: VD062691.D
 Acq: 13 Jun 2019 13:50

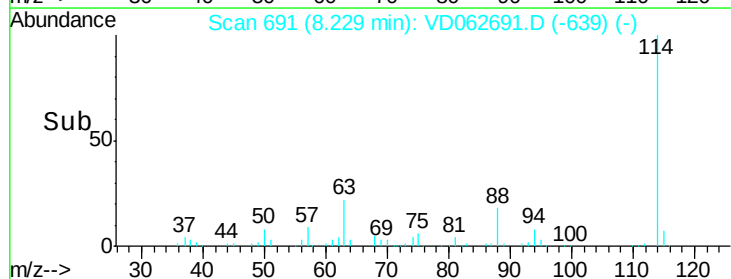
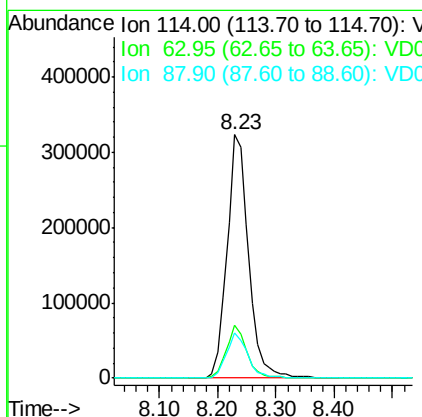
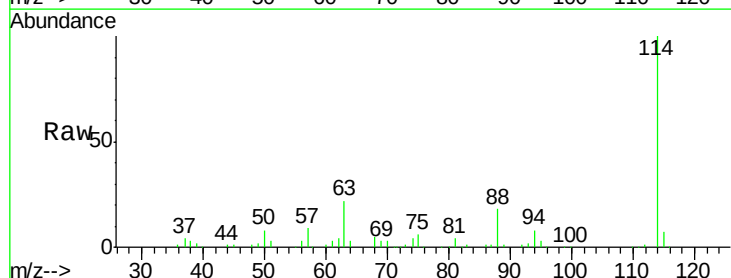
Instrument :
 MSVOA_D
 ClientSampleId :
 M-1-OW(0-10)

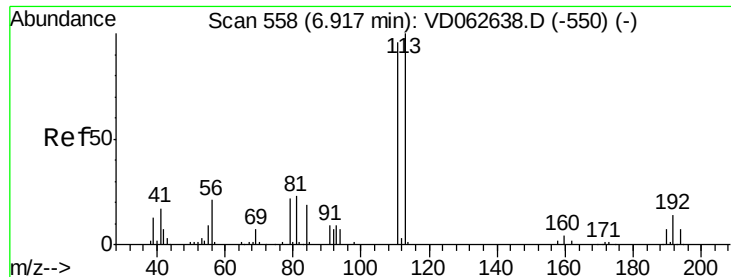
Tot Ion: 65 Resp: 435520
 Ion Ratio Lower Upper
 65 100
 67 41.6 0.0 81.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD062691.D
 Acq: 13 Jun 2019 13:50

Tgt Ion: 114 Resp: 828218
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 42.4
 88 18.4 0.0 36.8





#35

Dibromofluoromethane

Concen: 48.242 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.02 min

Lab File: VD062691.D

Acq: 13 Jun 2019 13:50

Instrument :

MSVOA_D

ClientSampleId :

M-1-OW(0-10)

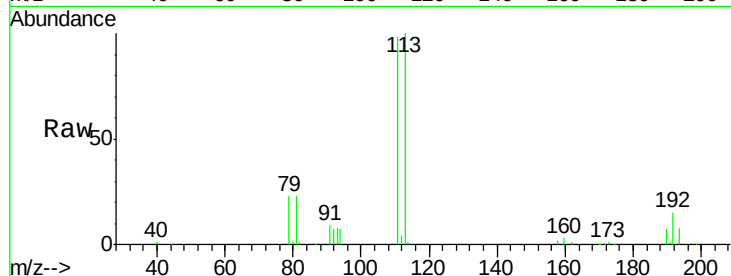
Tot Ion:113 Resp: 421376

Ion Ratio Lower Upper

113 100

111 97.8 76.4 114.6

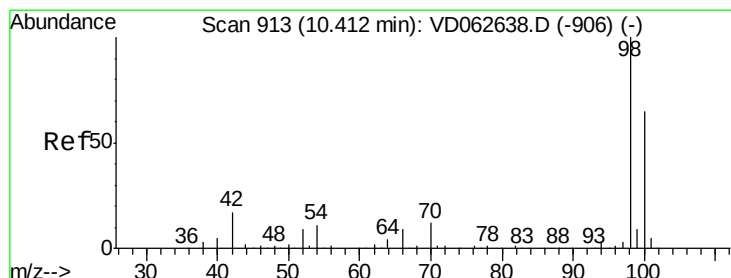
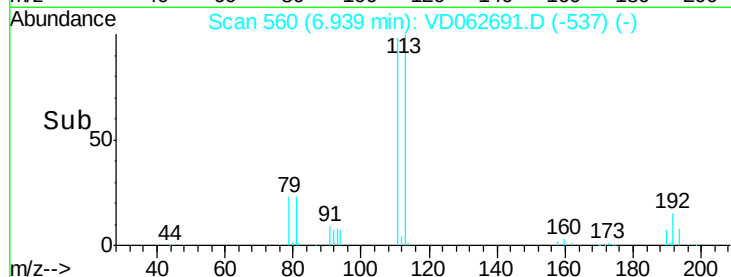
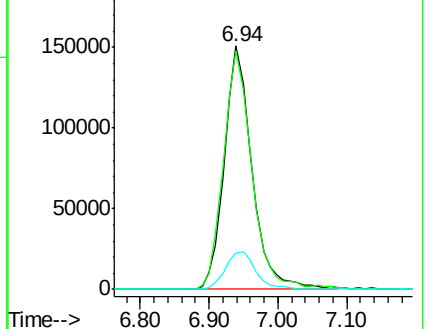
192 14.6 11.4 17.0



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: 41.692 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD062691.D

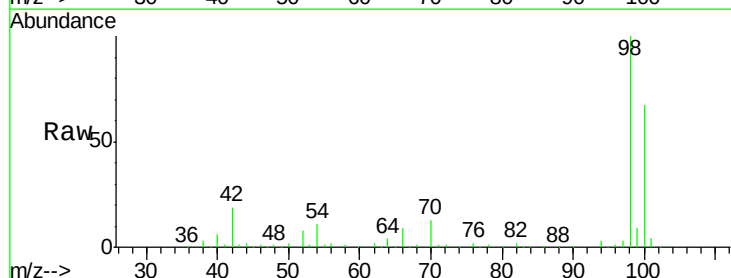
Acq: 13 Jun 2019 13:50

Tgt Ion: 98 Resp: 766078

Ion Ratio Lower Upper

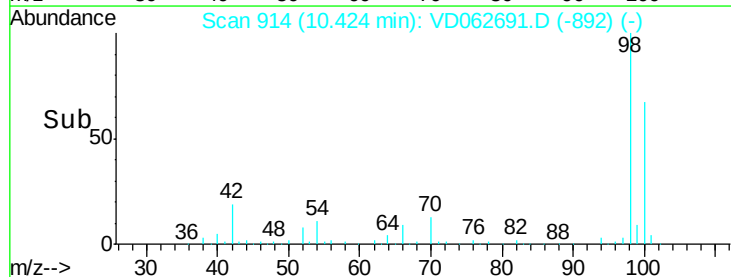
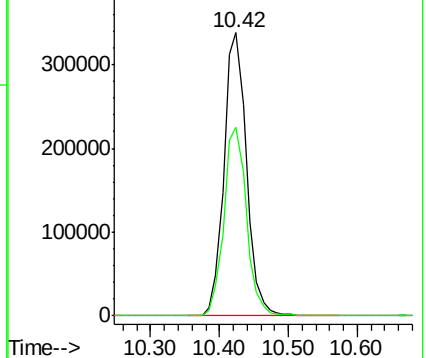
98 100

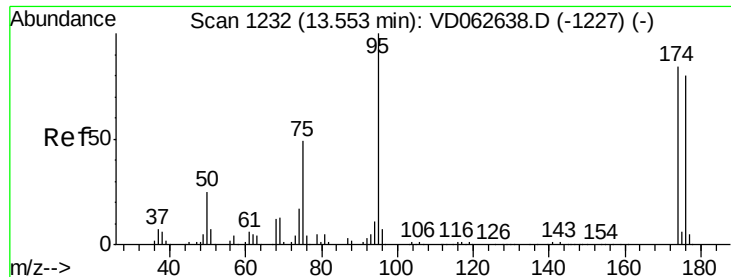
100 66.7 52.1 78.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

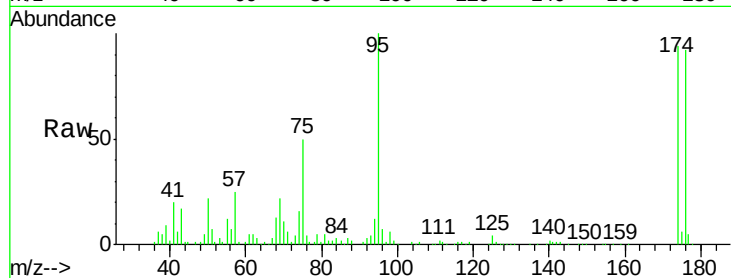




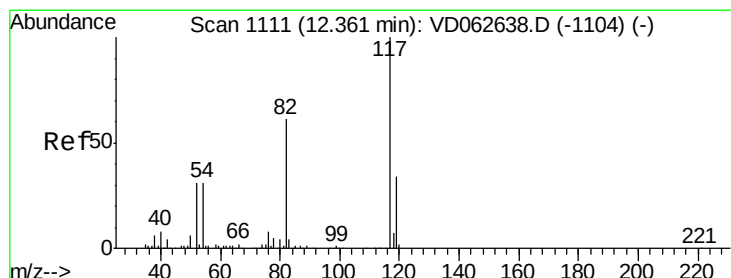
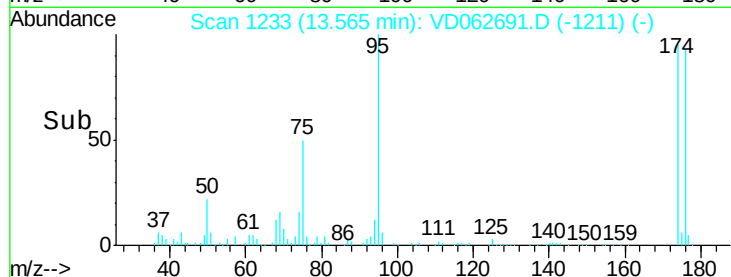
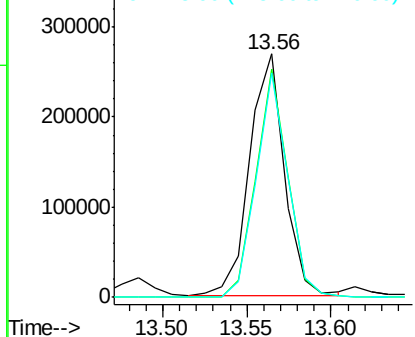
#62
4-Bromofluorobenzene
Concen: 45.054 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062691.D
Acq: 13 Jun 2019 13:50

Instrument :
MSVOA_D
ClientSampleId :
M-1-OW(0-10)

Tot Ion: 95 Resp: 386220
Ion Ratio Lower Upper
95 100
174 93.6 0.0 167.0
176 92.1 0.0 159.2

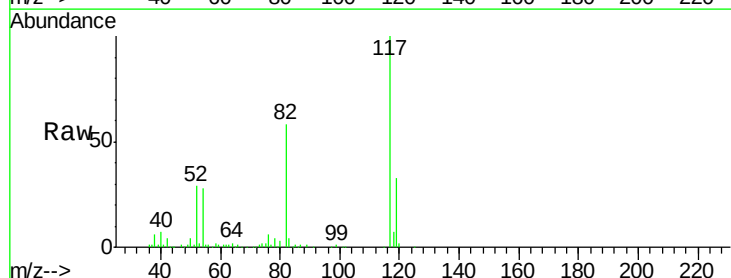


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

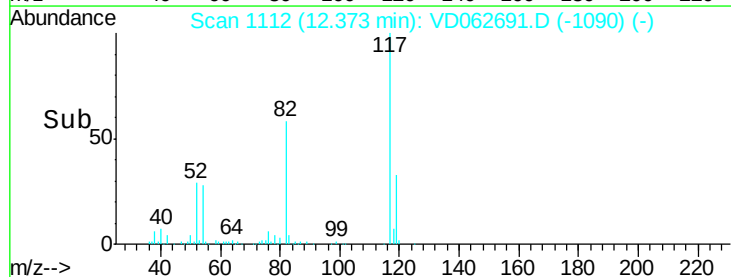
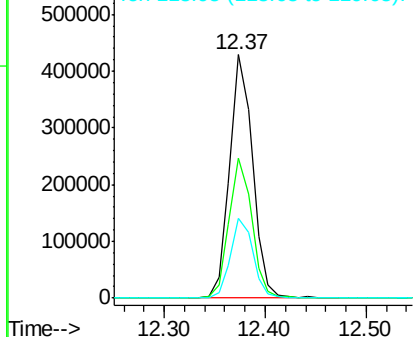


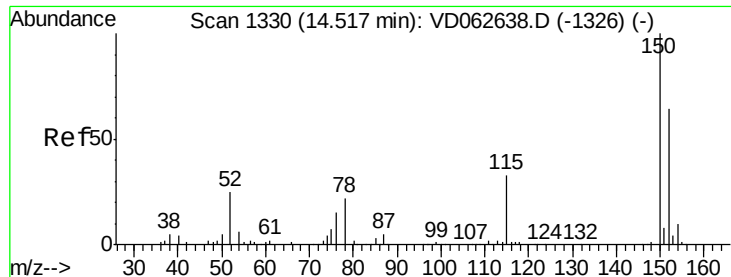
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062691.D
Acq: 13 Jun 2019 13:50

Tgt Ion: 117 Resp: 679386
Ion Ratio Lower Upper
117 100
82 57.7 48.7 73.1
119 32.6 27.0 40.6



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: 14.53 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD062691.D
 Acq: 13 Jun 2019 13:50

Instrument :
 MSVOA_D
 ClientSampleId :
 M-1-OW(0-10)

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.2	30.1	90.5
150	144.5	0.0	314.0

