

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081919\
 Data File : VD063664.D
 Acq On : 19 Aug 2019 18:12
 Operator : JC/SY
 Sample : K4391-02
 Misc : 5.05µl/5ml/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 N-WALL-2

Quant Time: Aug 20 08:55:58 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

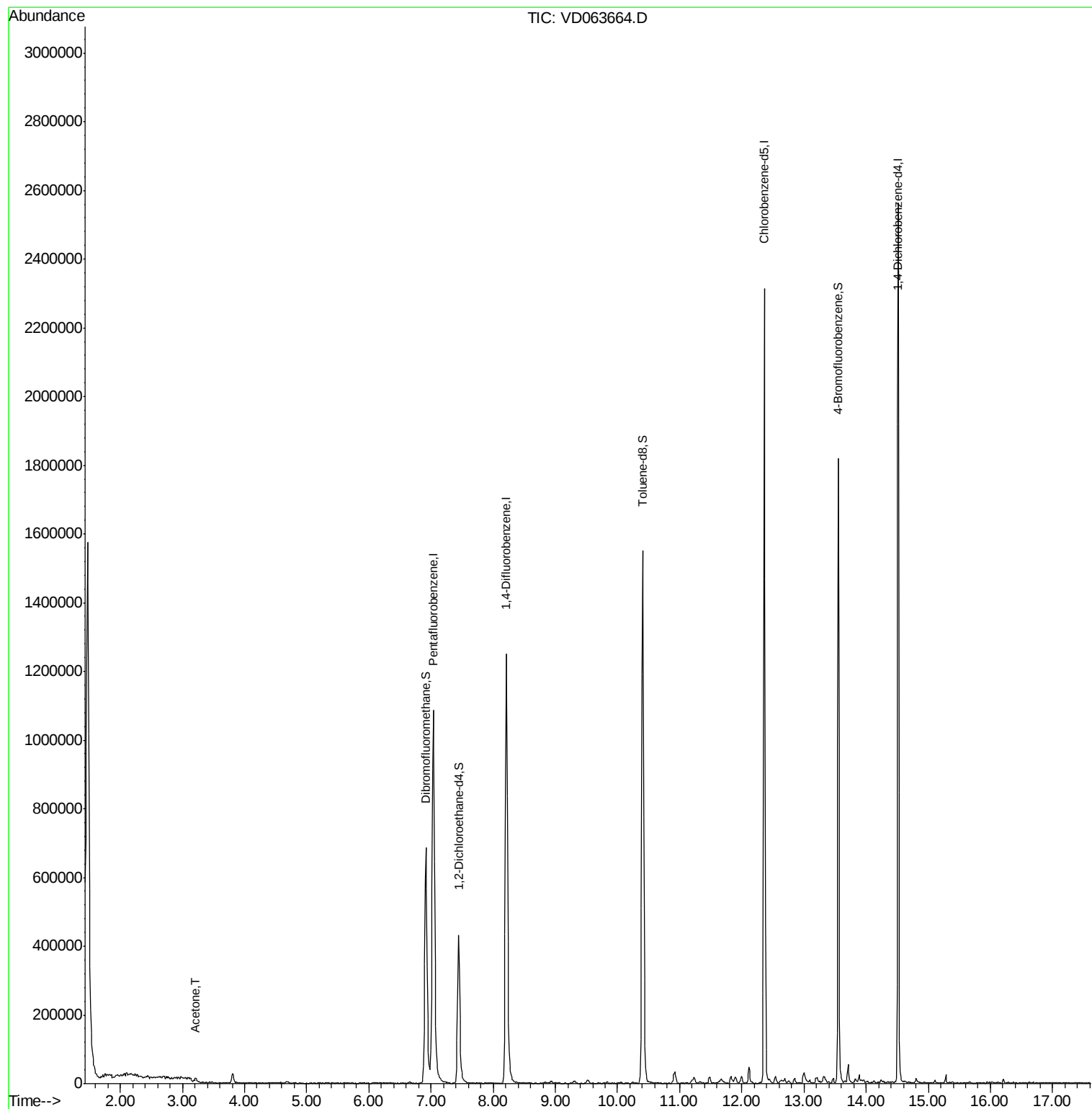
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1096398	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.22	114	1462489	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	1208583	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	581781	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	499217	42.60	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	85.20%	
35) Dibromofluoromethane	6.92	113	582666	47.31	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	94.62%	
50) Toluene-d8	10.40	98	1316032	48.60	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	13.55	95	487433	39.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.42%	
Target Compounds						
16) Acetone	3.22	43	25338	10.636	ug/l #	Qvalue 87

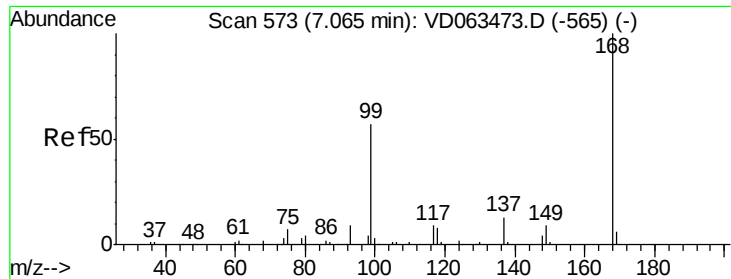
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.03 min

Lab File: VD063664.D

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MSVOA_D

ClientSampleId :

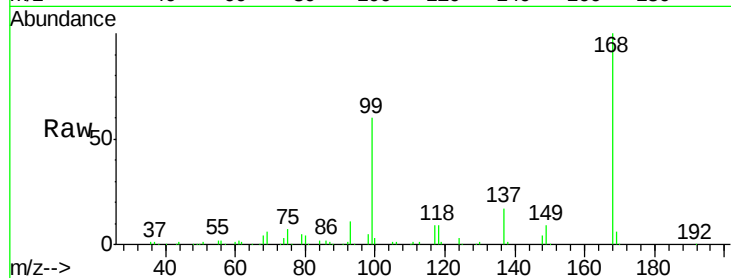
N-WALL-2

Tot Ion:168 Resp: 1096398

Ion Ratio Lower Upper

168 100

99 60.4 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

400000

300000

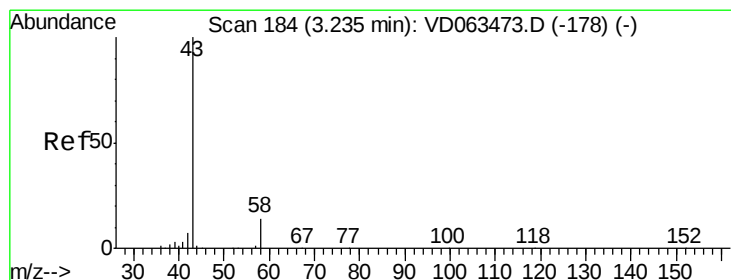
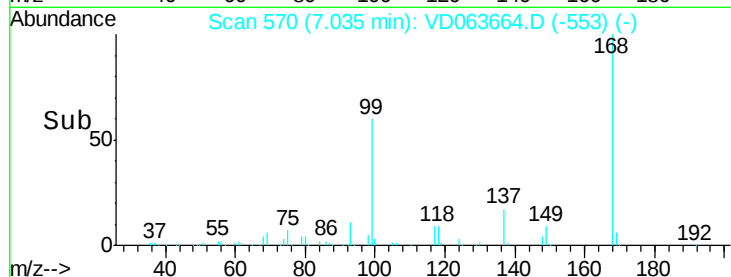
200000

100000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 10.636 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD063664.D

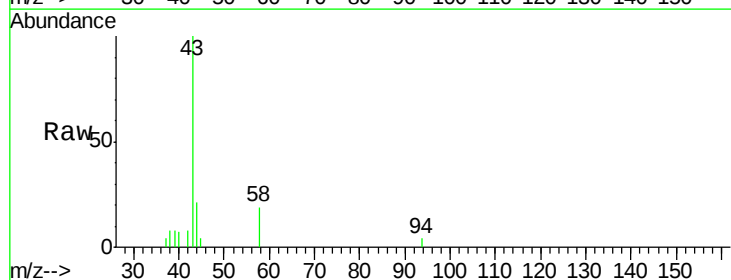
Acq: 19 Aug 2019 18:12

Tgt Ion: 43 Resp: 25338

Ion Ratio Lower Upper

43 100

58 19.5 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

10000

8000

6000

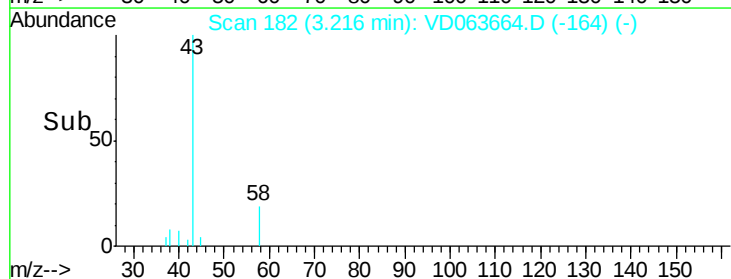
4000

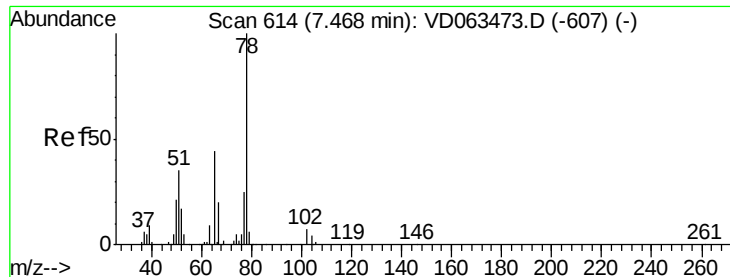
2000

0

3.10 3.20 3.30 3.40

Time-->





#33

1,2-Dichloroethane-d4

Concen: 42.597 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD063664.D

Acq: 19 Aug 2019 18:12

Instrument :

MSVOA_D

ClientSampleId :

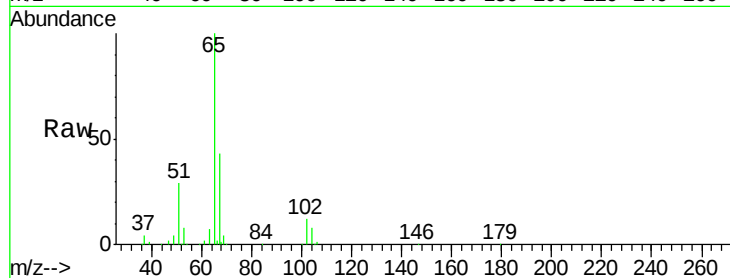
N-WALL-2

Tot Ion: 65 Resp: 499217

Ion Ratio Lower Upper

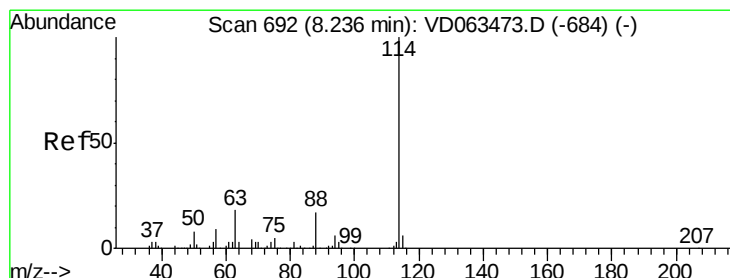
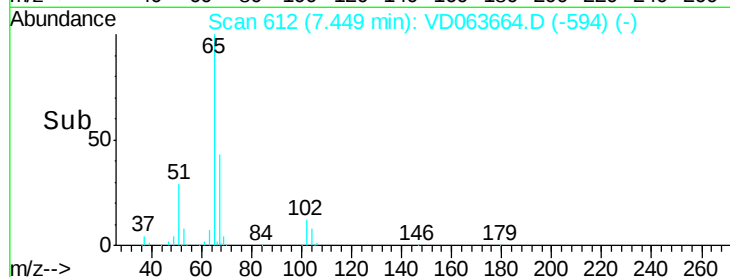
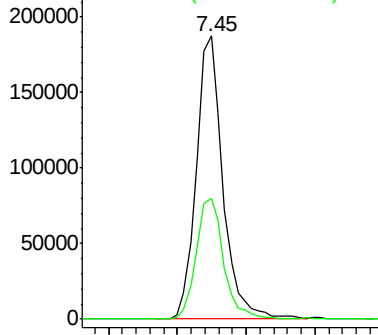
65 100

67 42.9 0.0 89.2



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. -0.02 min

Lab File: VD063664.D

Acq: 19 Aug 2019 18:12

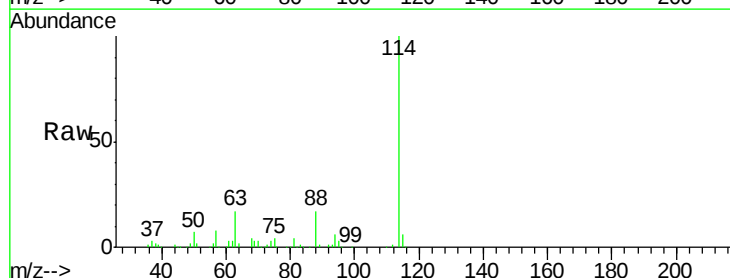
Tgt Ion: 114 Resp: 1462489

Ion Ratio Lower Upper

114 100

63 17.1 0.0 36.2

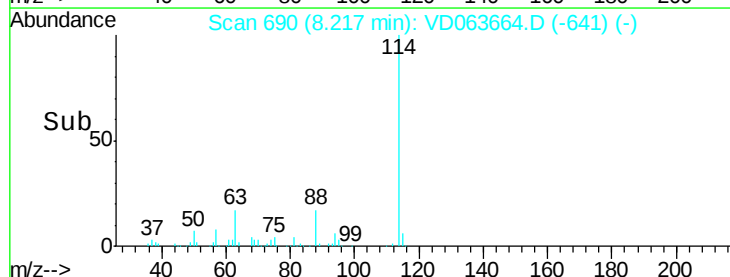
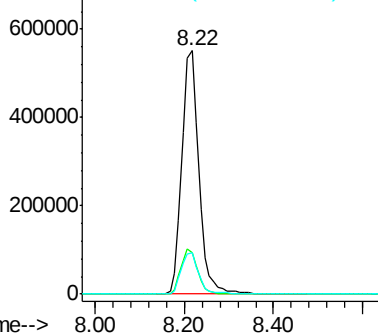
88 16.8 0.0 35.0

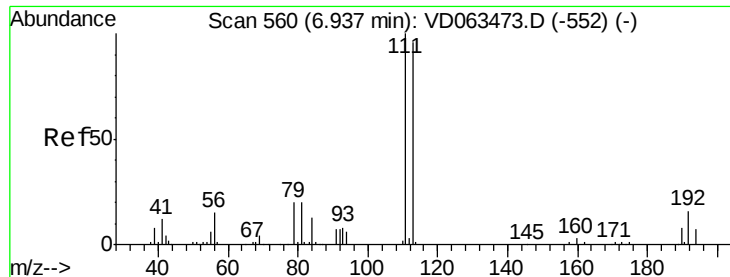


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 47.305 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063664.D

Acq: 19 Aug 2019 18:12

Instrument :

MSVOA_D

ClientSampleId :

N-WALL-2

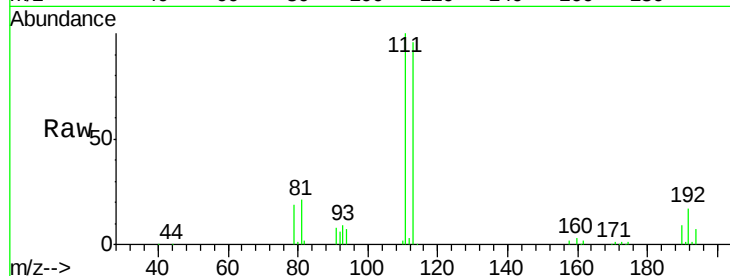
Tot Ion:113 Resp: 582666

Ion Ratio Lower Upper

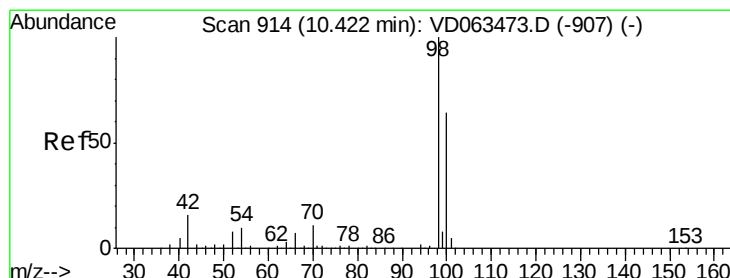
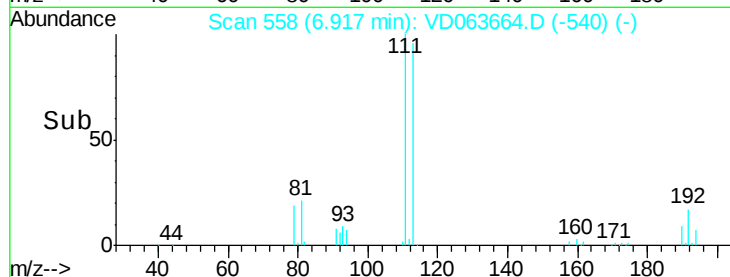
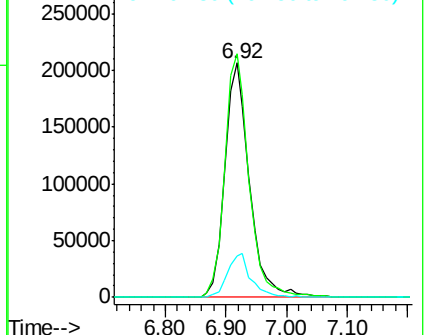
113 100

111 103.8 83.1 124.7

192 17.9 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: 48.598 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.02 min

Lab File: VD063664.D

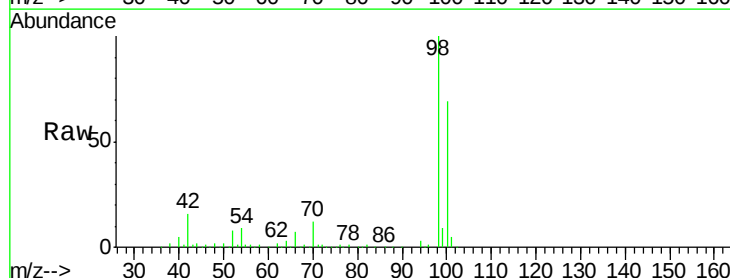
Acq: 19 Aug 2019 18:12

Tgt Ion: 98 Resp: 1316032

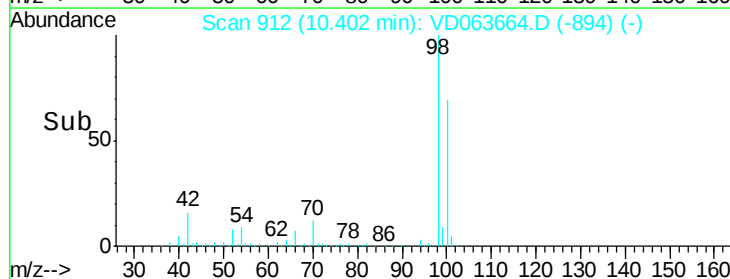
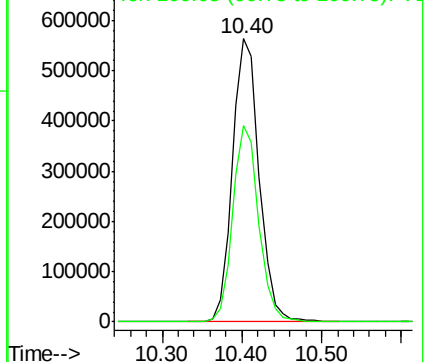
Ion Ratio Lower Upper

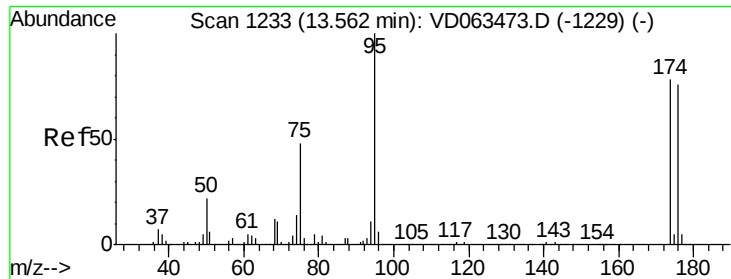
98 100

100 69.4 51.7 77.5



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

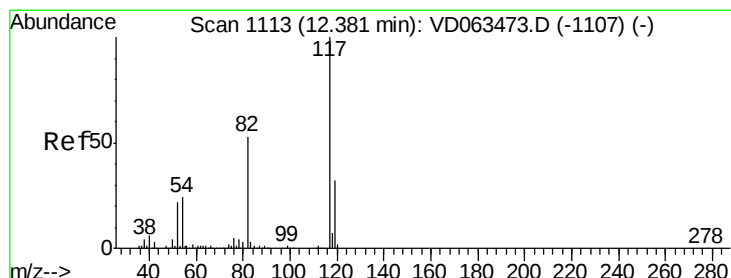
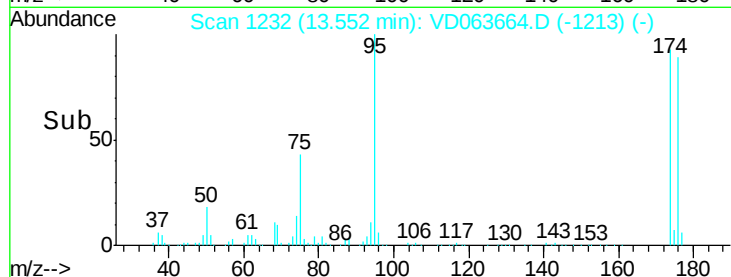
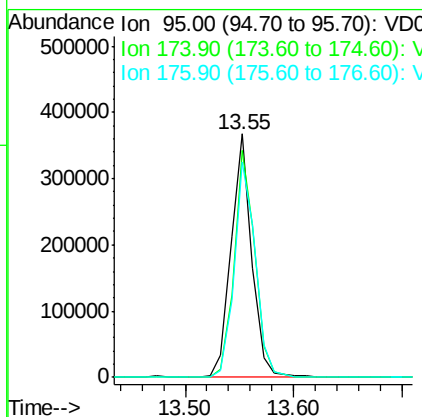
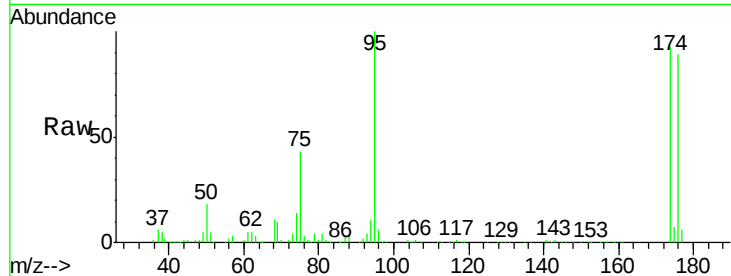




#62
4-Bromofluorobenzene
Concen: 39.713 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063664.D
Acq: 19 Aug 2019 18:12

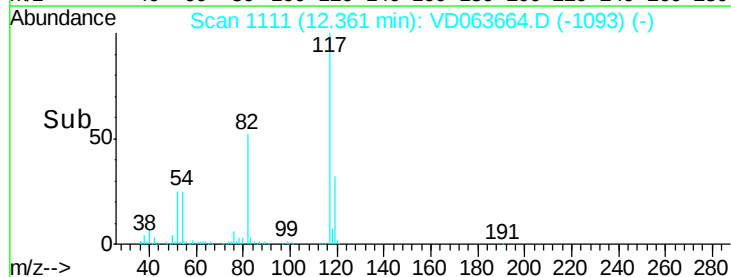
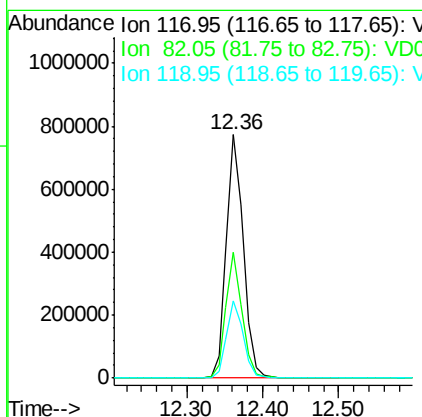
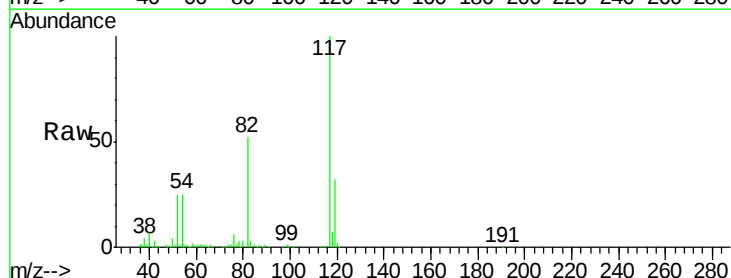
Instrument :
MSVOA_D
ClientSampleId :
N-WALL-2

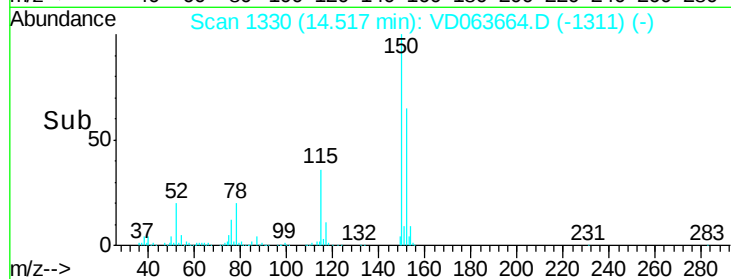
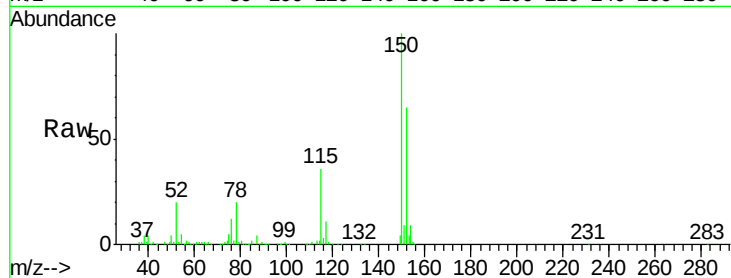
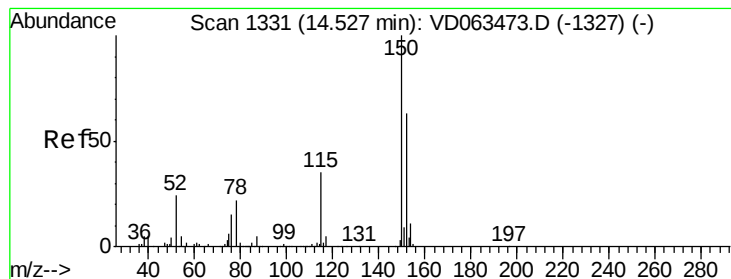
Tot Ion: 95 Resp: 487433
Ion Ratio Lower Upper
95 100
174 93.0 0.0 155.4
176 88.6 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063664.D
Acq: 19 Aug 2019 18:12

Tgt Ion: 117 Resp: 1208583
Ion Ratio Lower Upper
117 100
82 51.7 42.0 63.0
119 31.6 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: VD063664.D

Acq: 19 Aug 2019 18:12

Instrument :

MSVOA_D

ClientSampleId :

N-WALL-2

Tot Ion:152 Resp: 581781

Ion Ratio Lower Upper

152 100

115 55.7 30.9 92.7

150 155.0 0.0 318.6

