

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061019\
 Data File : VD062662.D
 Acq On : 10 Jun 2019 19:10
 Operator : VA/AP
 Sample : K3274-06
 Misc : 4.98g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-13 2.0-2.5 060719

Quant Time: Jun 11 08:00:09 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

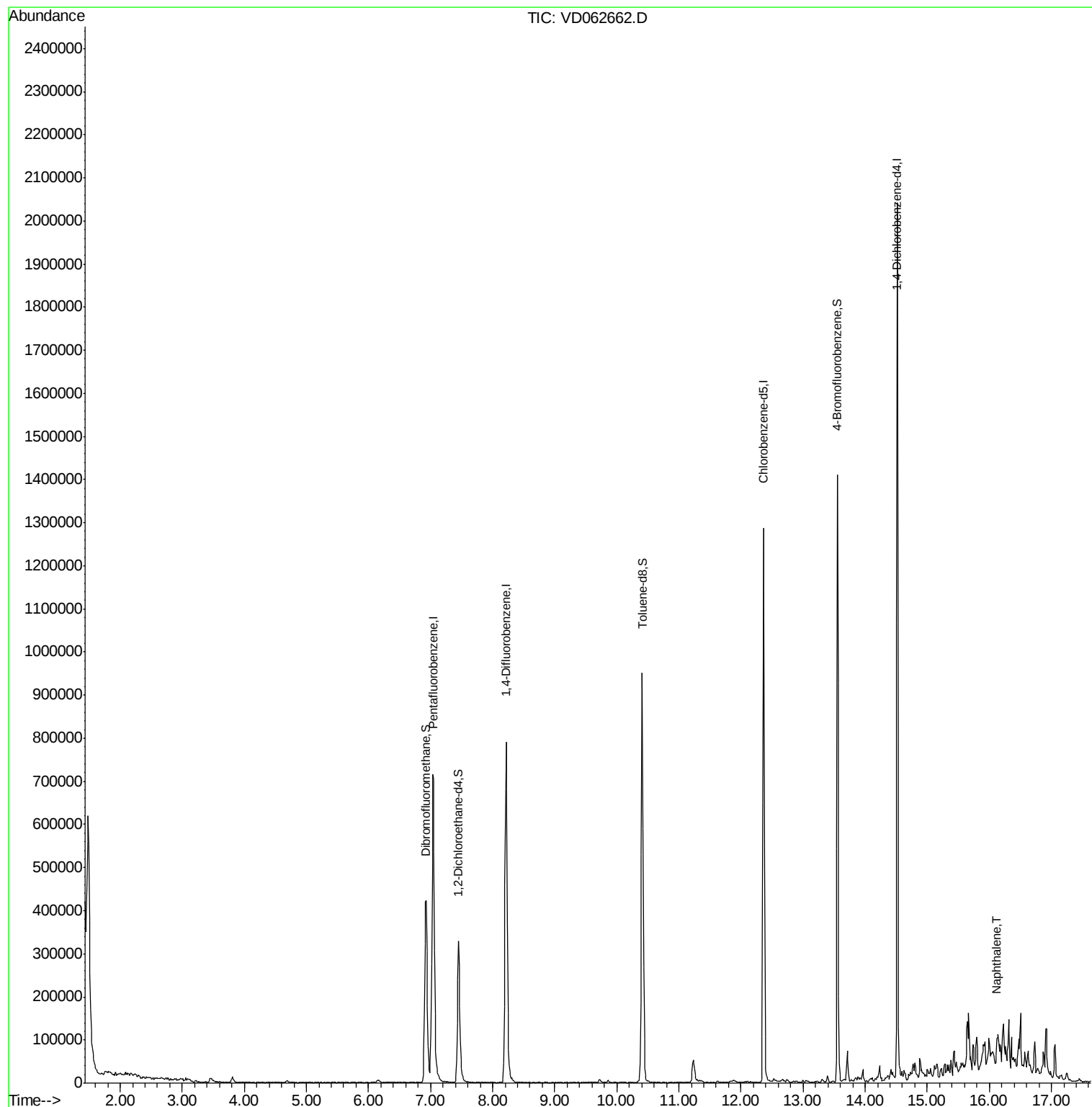
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	689635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	877654	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	726565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	400836	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	356528	35.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.66%	
35) Dibromofluoromethane	6.92	113	372338	40.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.46%	
50) Toluene-d8	10.41	98	759213	38.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.98%	
62) 4-Bromofluorobenzene	13.55	95	359370	39.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.12%	
Target Compounds						
95) Naphthalene	16.12	128	32942	5.558	ug/l #	Qvalue 83

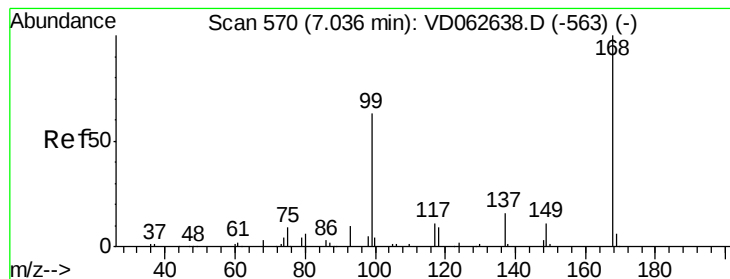
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD062662.D

Acq: 10 Jun 2019 19:10

Instrument :

MSVOA_D

ClientSampleId :

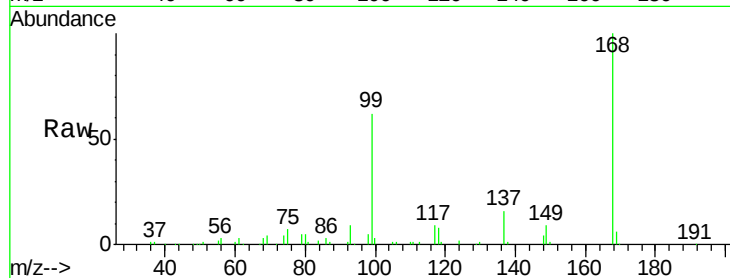
SB-13 2.0-2.5 060719

Tot Ion:168 Resp: 689635

Ion Ratio Lower Upper

168 100

99 62.2 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

250000

200000

150000

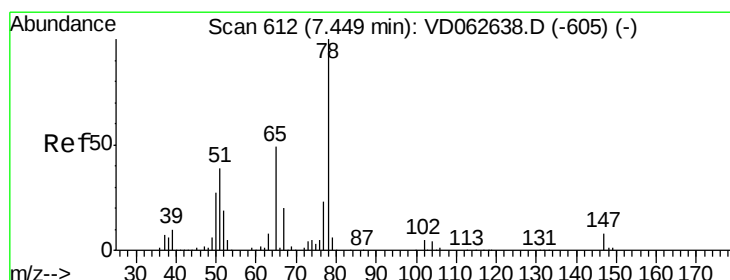
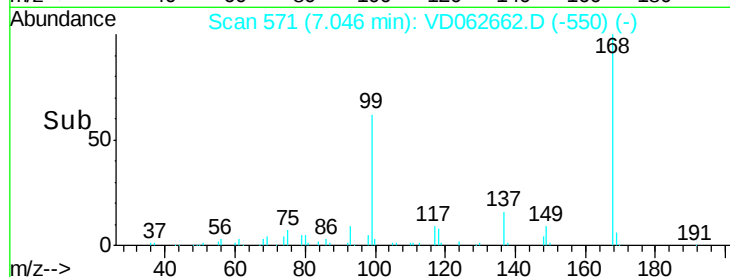
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 35.827 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.00 min

Lab File: VD062662.D

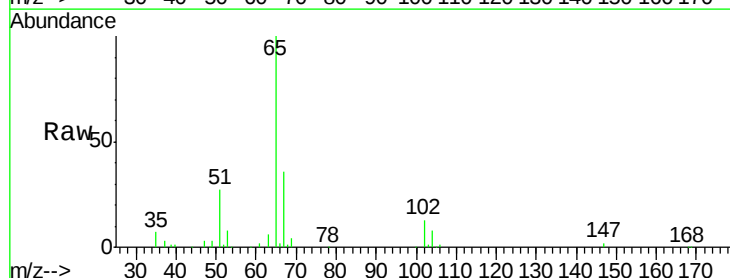
Acq: 10 Jun 2019 19:10

Tgt Ion: 65 Resp: 356528

Ion Ratio Lower Upper

65 100

67 36.4 0.0 81.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

150000

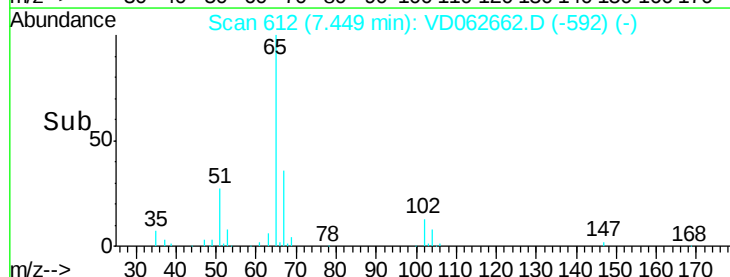
100000

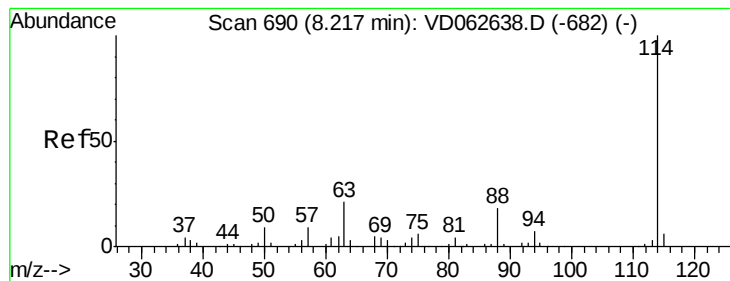
50000

0

7.30 7.40 7.50 7.60 7.70

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: VD062662.D

Acq: 10 Jun 2019 19:10

Instrument :

MSVOA_D

ClientSampleId :

SB-13 2.0-2.5 060719

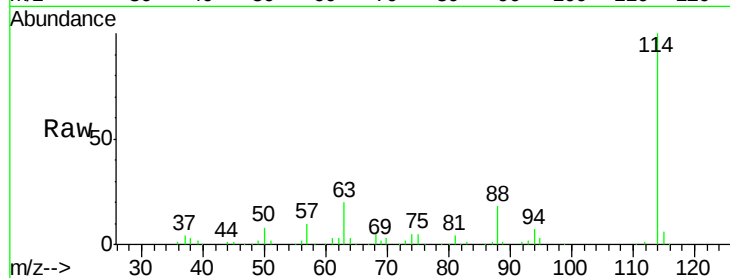
Tot Ion:114 Resp: 877654

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

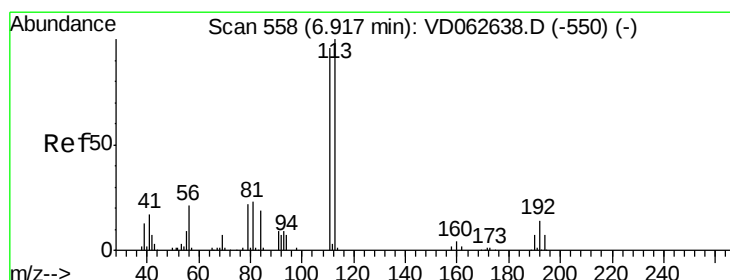
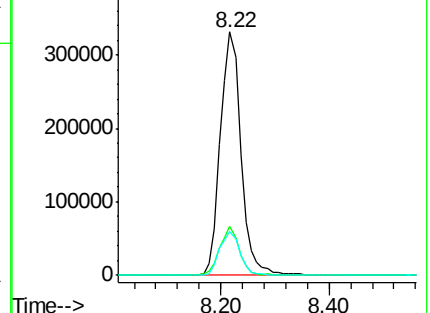
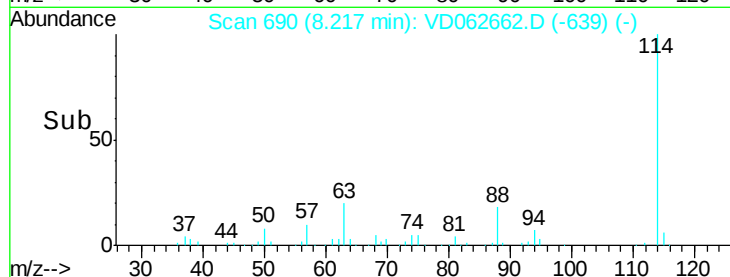
88 18.2 0.0 36.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 40.227 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.00 min

Lab File: VD062662.D

Acq: 10 Jun 2019 19:10

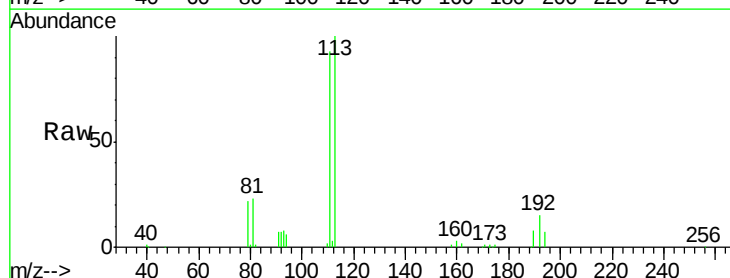
Tgt Ion:113 Resp: 372338

Ion Ratio Lower Upper

113 100

111 93.1 76.4 114.6

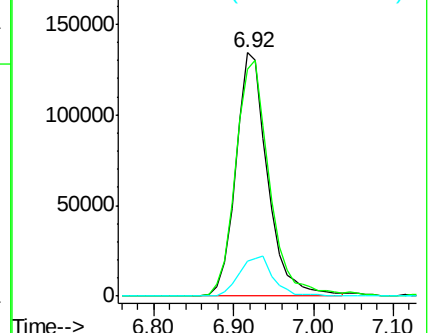
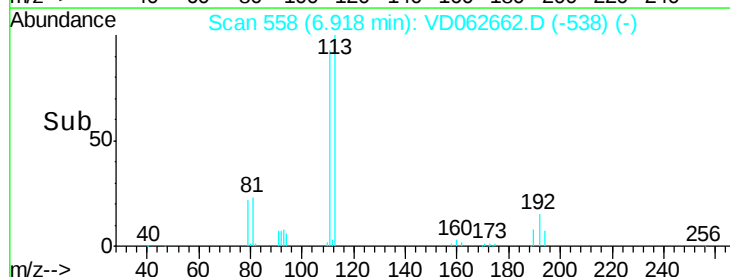
192 14.6 11.4 17.0

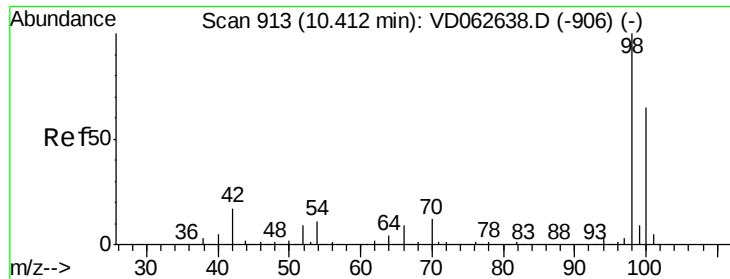


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

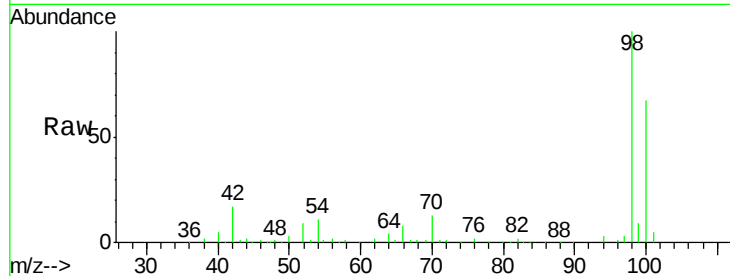




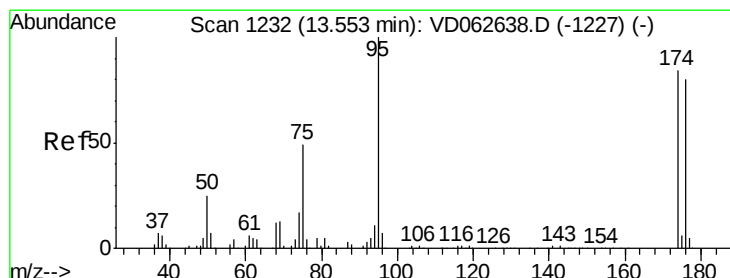
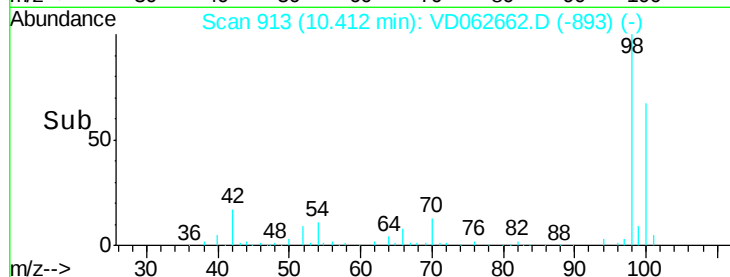
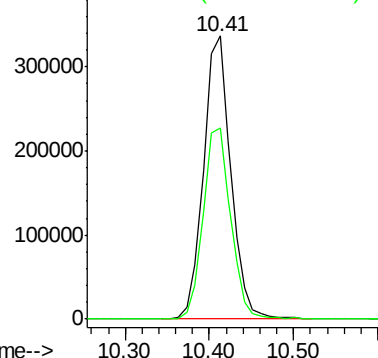
#50
Toluene-d8
Concen: 38.991 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD062662.D
Acq: 10 Jun 2019 19:10

Instrument :
MSVOA_D
ClientSampleId :
SB-13 2.0-2.5_060719

Tot Ion: 98 Resp: 759213
Ion Ratio Lower Upper
98 100
100 67.5 52.1 78.1

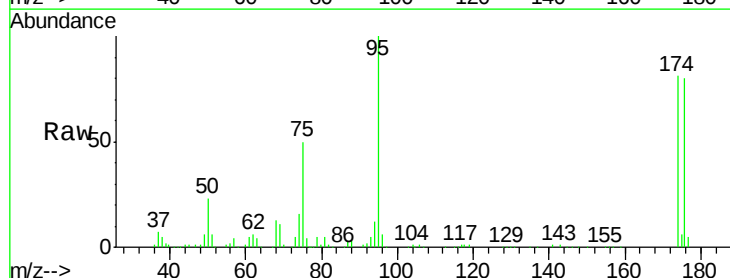


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

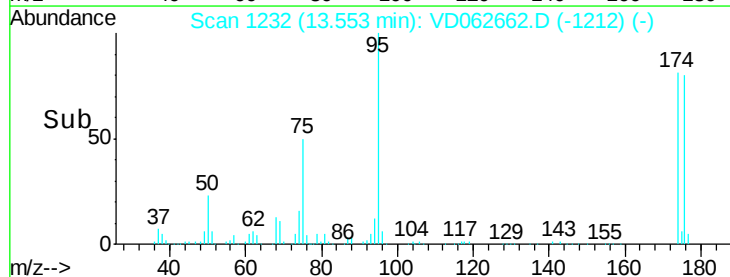
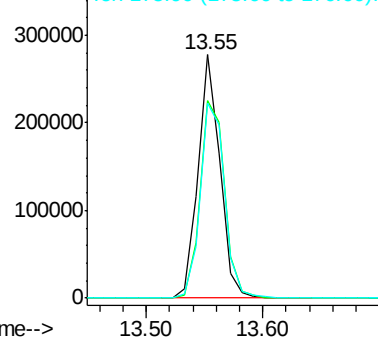


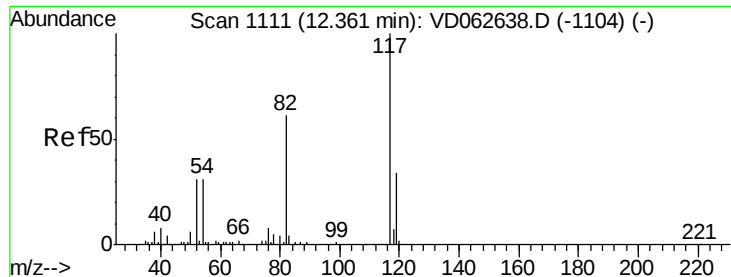
#62
4-Bromofluorobenzene
Concen: 39.560 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062662.D
Acq: 10 Jun 2019 19:10

Tgt Ion: 95 Resp: 359370
Ion Ratio Lower Upper
95 100
174 81.0 0.0 167.0
176 80.0 0.0 159.2



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

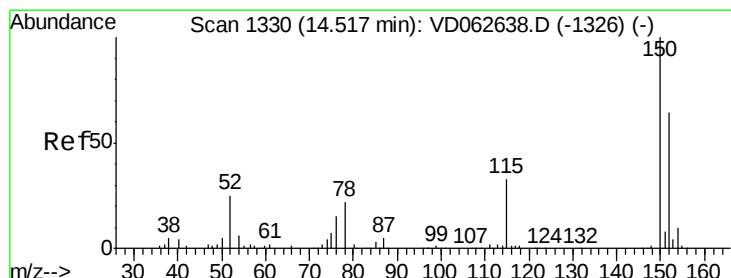
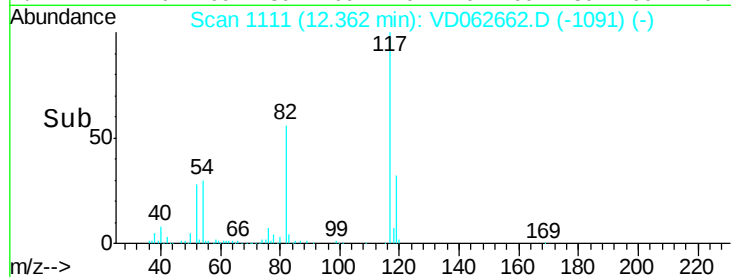
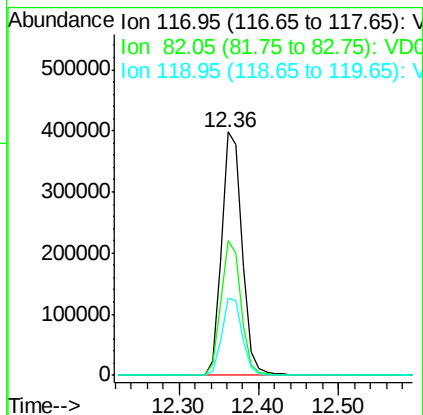
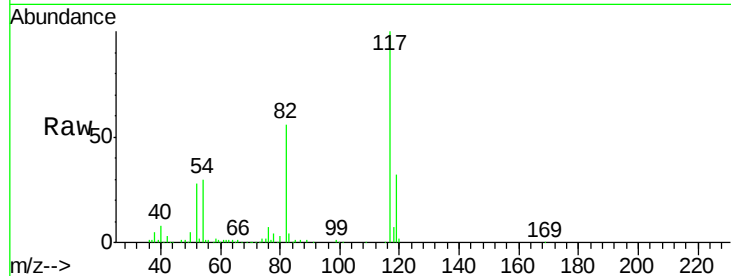




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062662.D
Acq: 10 Jun 2019 19:10

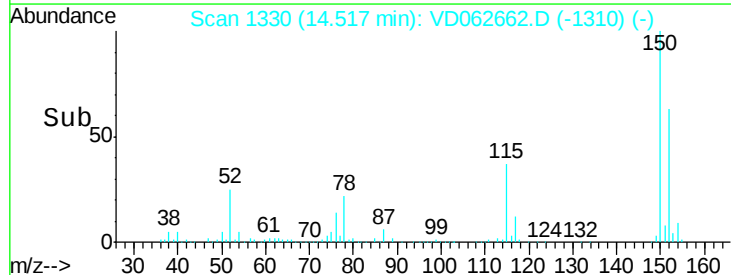
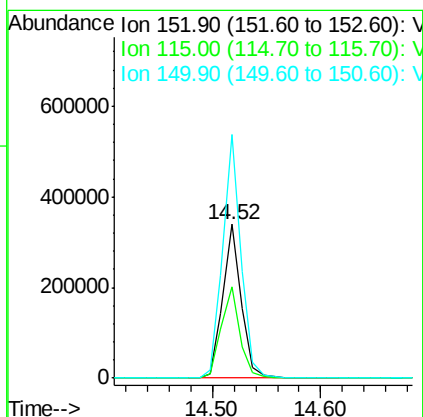
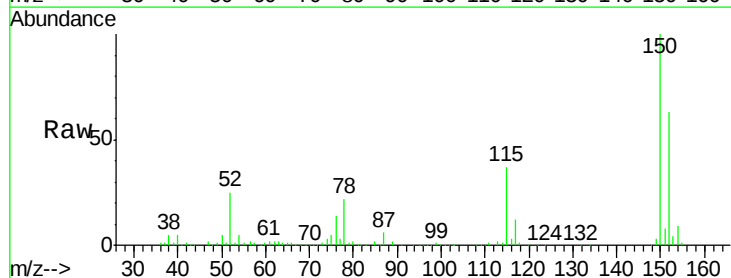
Instrument :
MSVOA_D
ClientSampleId :
SB-13 2.0-2.5 060719

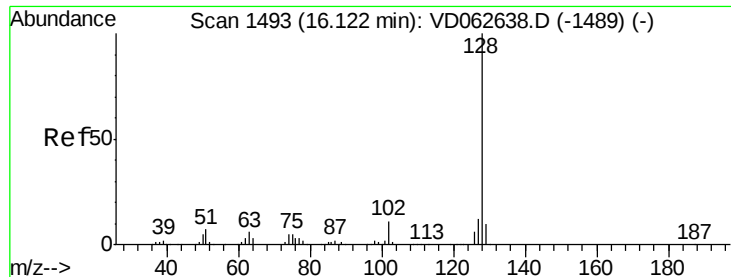
Tot Ion:117 Resp: 726565
Ion Ratio Lower Upper
117 100
82 55.6 48.7 73.1
119 31.9 27.0 40.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062662.D
Acq: 10 Jun 2019 19:10

Tgt Ion:152 Resp: 400836
Ion Ratio Lower Upper
152 100
115 59.3 30.1 90.5
150 158.4 0.0 314.0

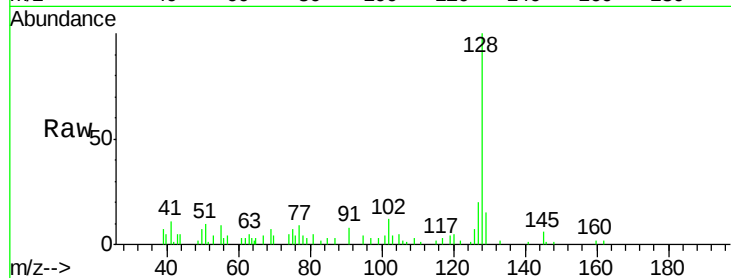




#95
Naphthalene
Concen: 5.558 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD062662.D
Acq: 10 Jun 2019 19:10

Instrument :
MSVOA_D
ClientSampleId :
SB-13 2.0-2.5 060719

Tot Ion:128 Resp: 32942
Ion Ratio Lower Upper
128 100
127 20.3 9.7 14.5#
129 14.8 8.1 12.1#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

