

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031219\
 Data File : VD061019.D
 Acq On : 12 Mar 2019 12:46
 Operator : VA/AP
 Sample : VD0312SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0312SBL01

Quant Time: Mar 13 04:25:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	783799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1223615	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1068466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	458257	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	311568	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
35) Dibromofluoromethane	6.92	113	481877	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	
50) Toluene-d8	10.41	98	1193873	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
62) 4-Bromofluorobenzene	13.55	95	413047	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	

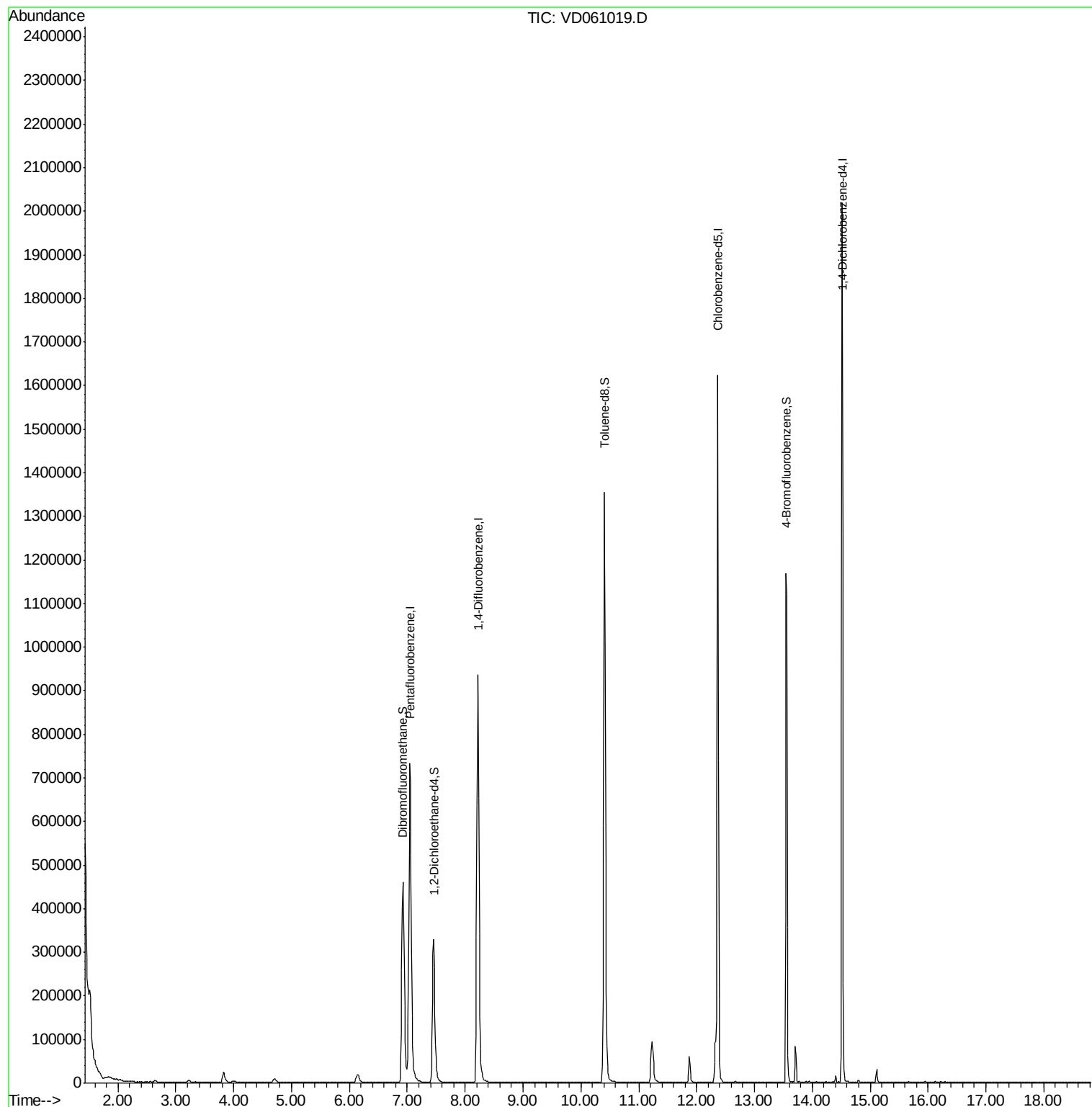
Target Compounds	Qvalue
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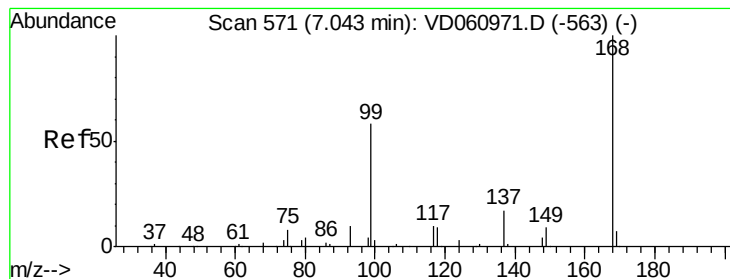
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD061019.D

Acq: 12 Mar 2019 12:46

Instrument :

MSVOA_D

ClientSampleId :

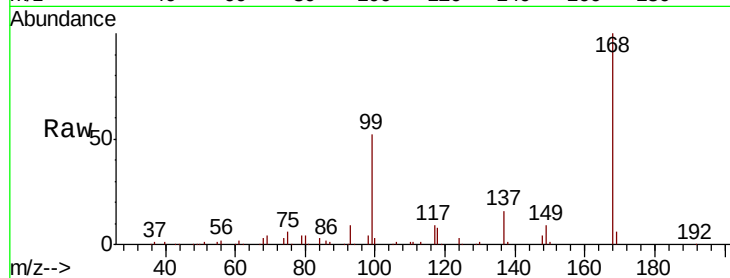
VD0312SBL01

Tgt Ion:168 Resp: 783799

Ion Ratio Lower Upper

168 100

99 52.3 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

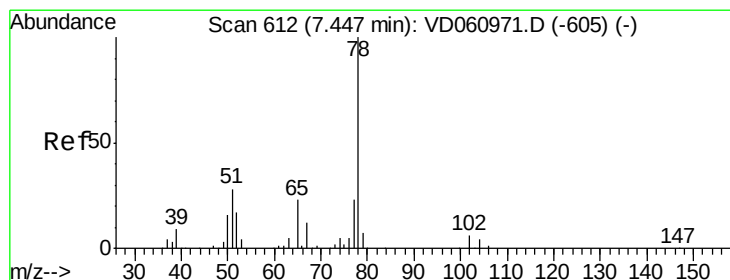
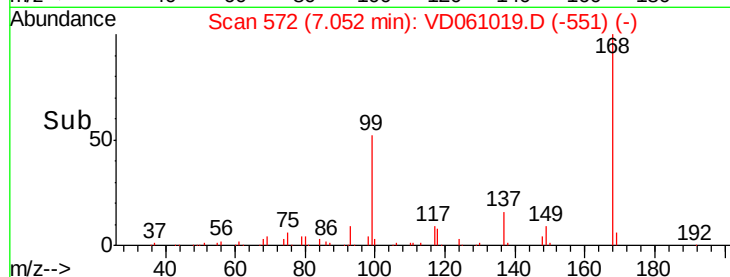
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061019.D

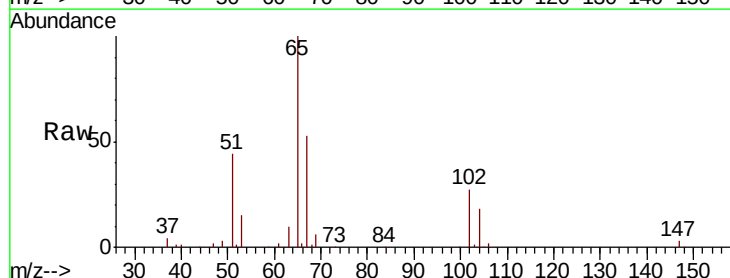
Acq: 12 Mar 2019 12:46

Tgt Ion: 65 Resp: 311568

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

120000

100000

80000

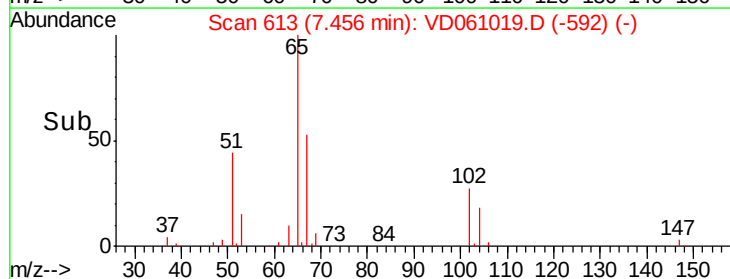
60000

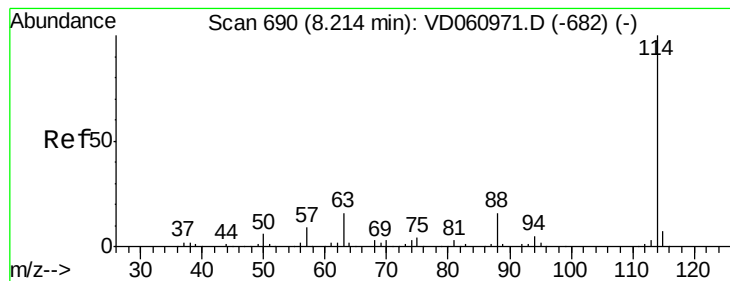
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD061019.D

Acq: 12 Mar 2019 12:46

Instrument :

MSVOA_D

ClientSampleId :

VD0312SBL01

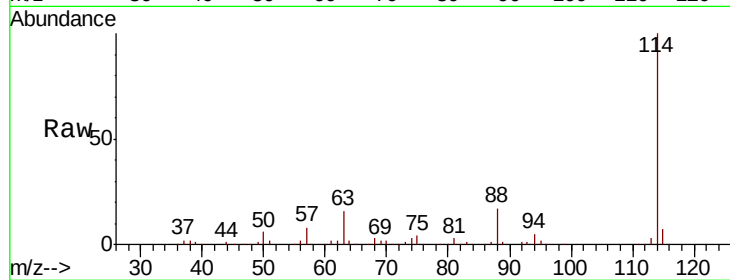
Tgt Ion:114 Resp: 1223615

Ion Ratio Lower Upper

114 100

63 15.7 0.0 31.4

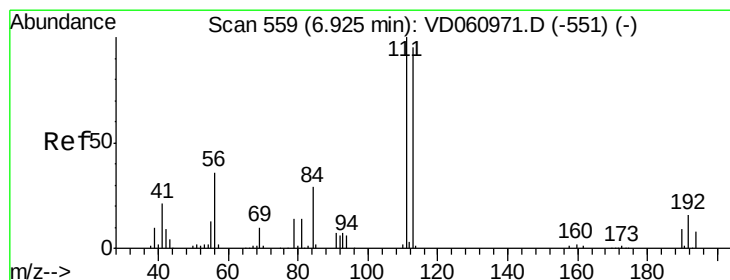
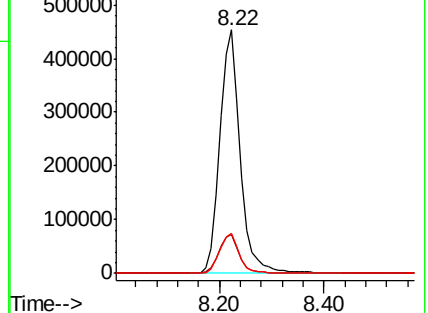
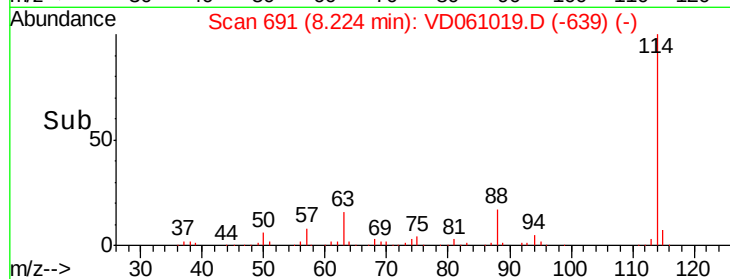
88 16.5 0.0 33.0



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: 50.000 ug/l

RT: 6.92 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD061019.D

Acq: 12 Mar 2019 12:46

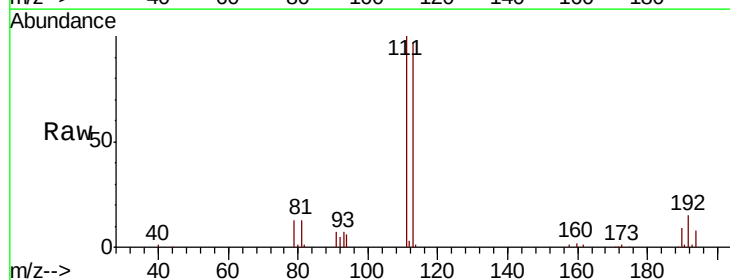
Tgt Ion:113 Resp: 481877

Ion Ratio Lower Upper

113 100

111 103.0 84.2 126.4

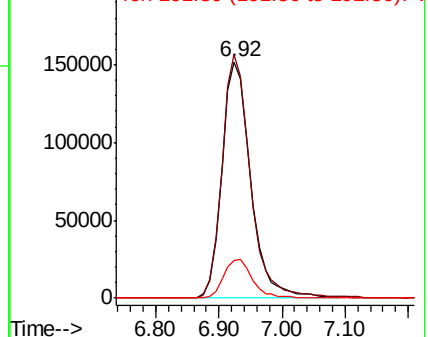
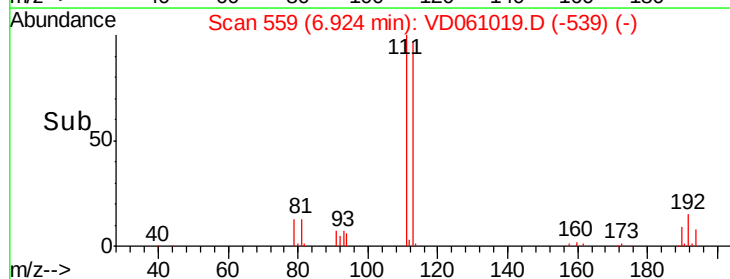
192 15.8 13.1 19.7

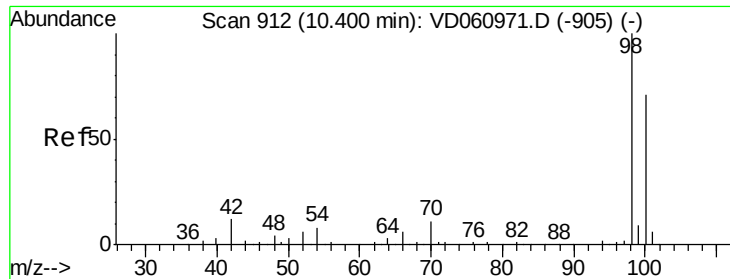


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

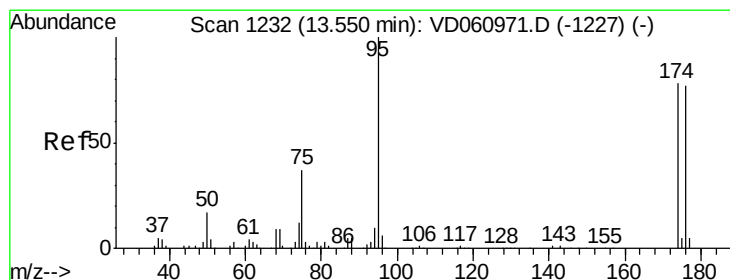
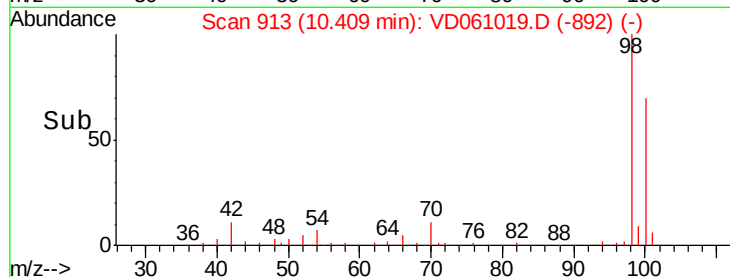
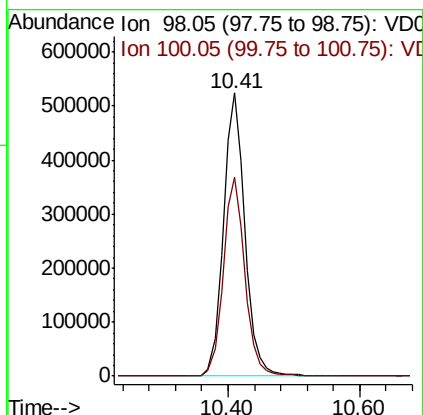
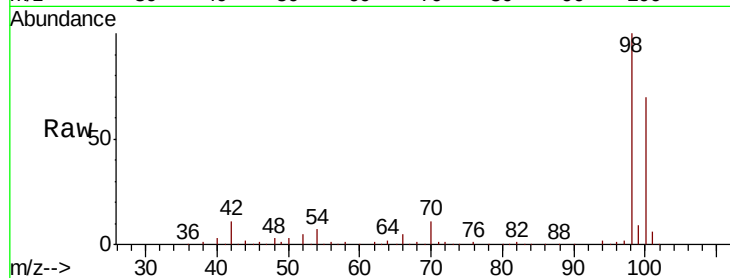




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD061019.D
Acq: 12 Mar 2019 12:46

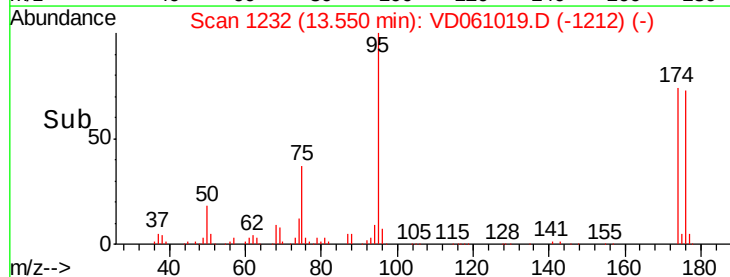
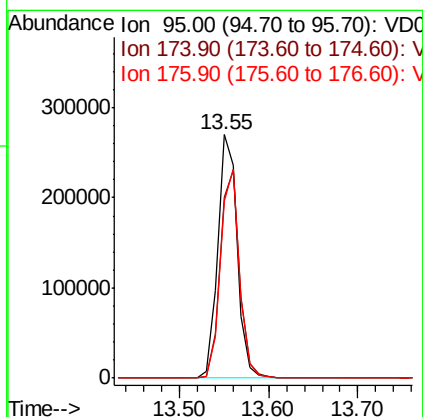
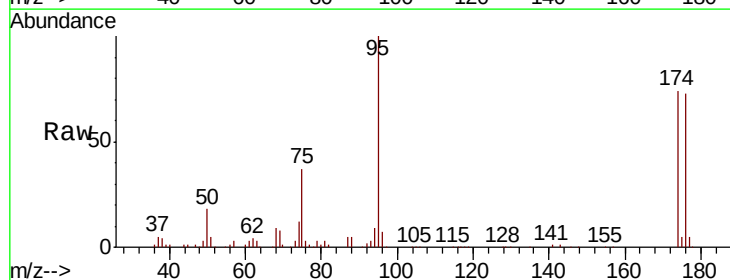
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBL01

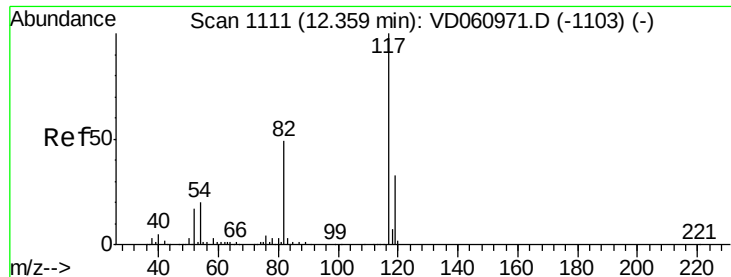
Tgt Ion: 98 Resp: 1193873
Ion Ratio Lower Upper
98 100
100 70.4 57.4 86.2



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD061019.D
Acq: 12 Mar 2019 12:46

Tgt Ion: 95 Resp: 413047
Ion Ratio Lower Upper
95 100
174 74.4 0.0 155.6
176 72.7 0.0 153.8

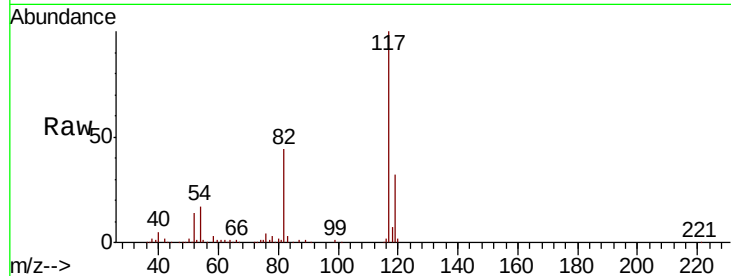




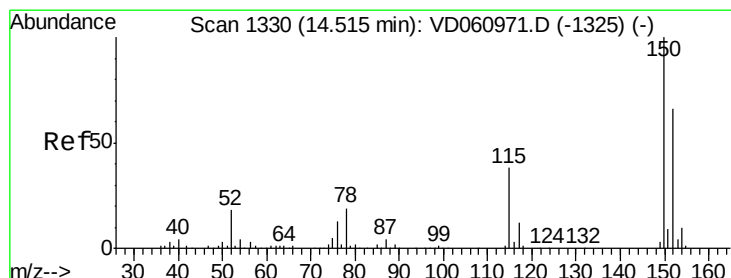
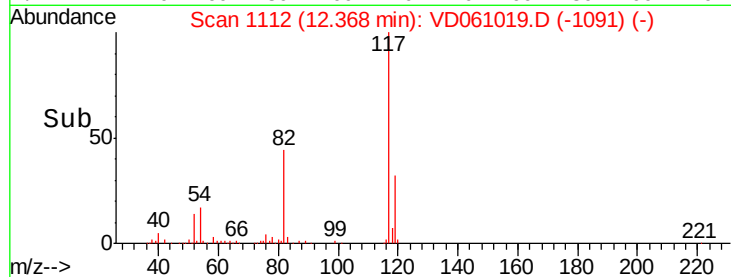
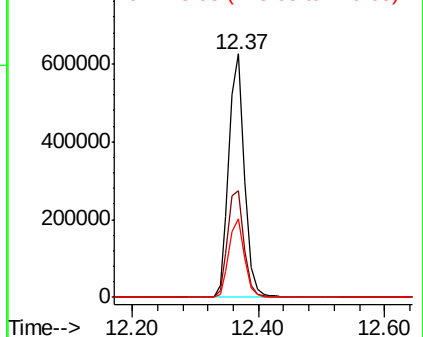
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061019.D
Acq: 12 Mar 2019 12:46

Instrument :
MSVOA_D
ClientSampleId :
VD0312SBL01

Tgt Ion:117 Resp: 1068466
Ion Ratio Lower Upper
117 100
82 43.7 38.9 58.3
119 32.3 26.6 39.8

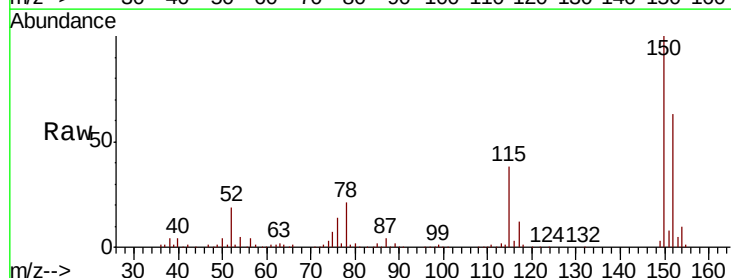


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061019.D
Acq: 12 Mar 2019 12:46

Tgt Ion:152 Resp: 458257
Ion Ratio Lower Upper
152 100
115 60.7 28.6 85.9
150 159.7 0.0 310.6



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

