

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042519\
 Data File : VD062050.D
 Acq On : 25 Apr 2019 20:51
 Operator : VA/AP
 Sample : K2564-03
 Misc : 5.84g/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C-3_042419

Quant Time: Apr 26 02:07:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	46777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	91619	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	91502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	46228	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	51011	139.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	278.66%	
35) Dibromofluoromethane	6.92	113	50369	79.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	158.98%	
50) Toluene-d8	10.41	98	84253	55.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.76%	
62) 4-Bromofluorobenzene	13.55	95	46000	76.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	152.14%	

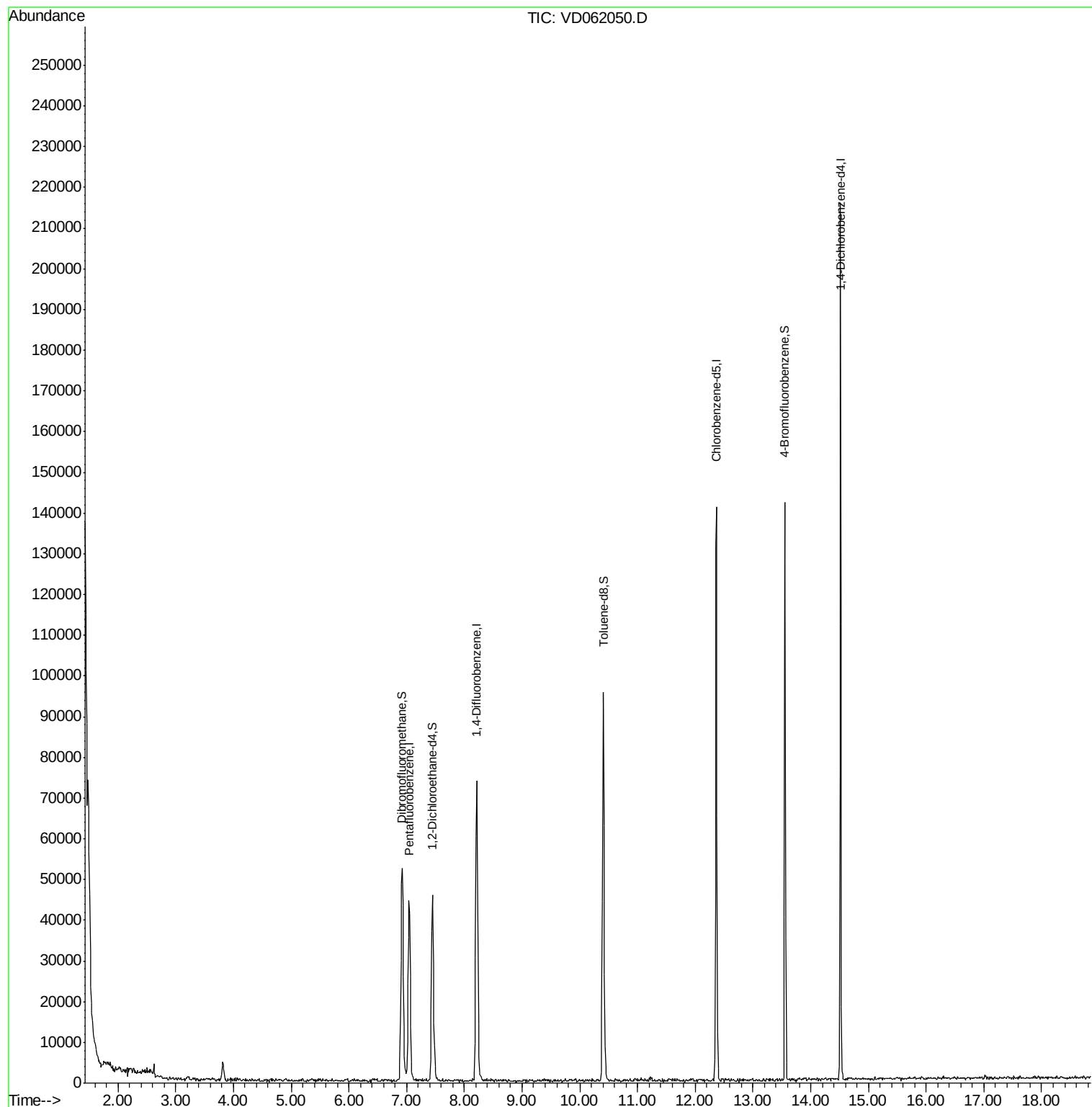
Target Compounds	Qvalue

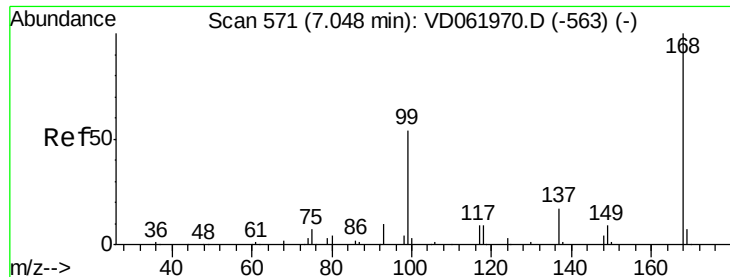
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.01 min

Lab File: VD062050.D

Acq: 25 Apr 2019 20:51

Instrument :

MSVOA_D

ClientSampleId :

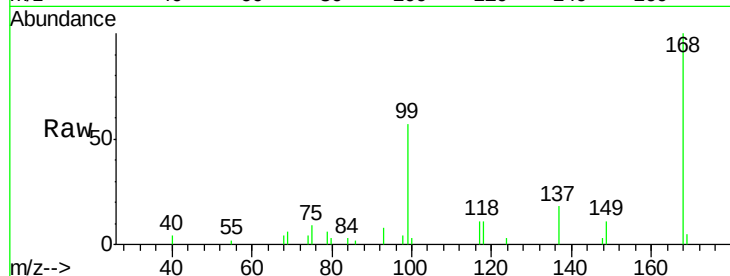
C-3_042419

Tot Ion:168 Resp: 46777

Ion Ratio Lower Upper

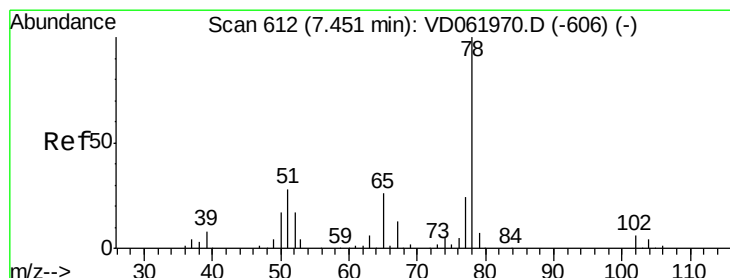
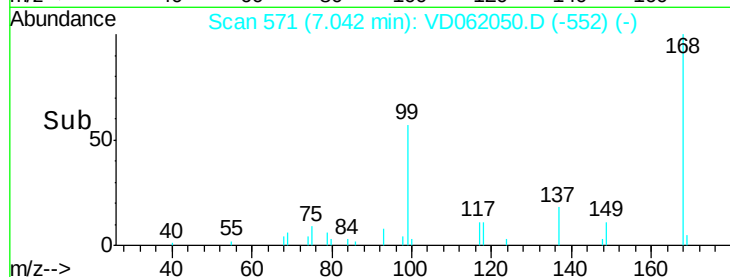
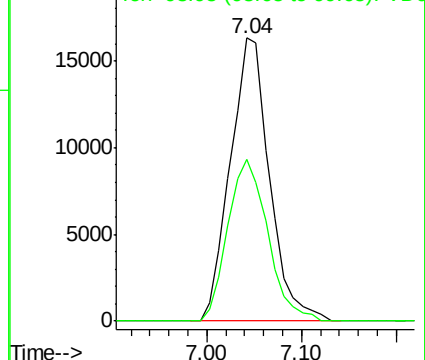
168 100

99 57.0 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 139.335 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD062050.D

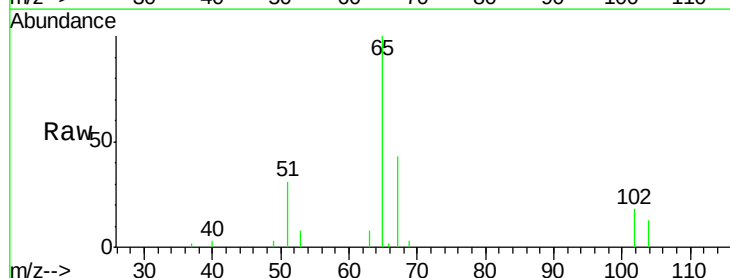
Acq: 25 Apr 2019 20:51

Tgt Ion: 65 Resp: 51011

Ion Ratio Lower Upper

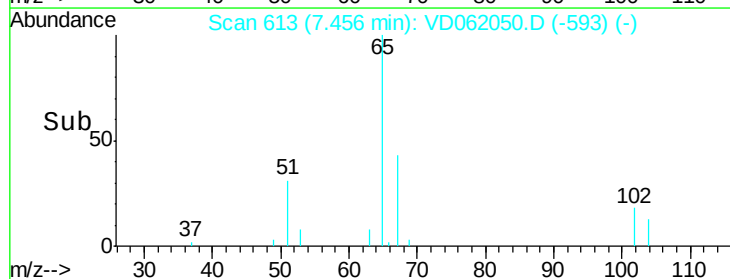
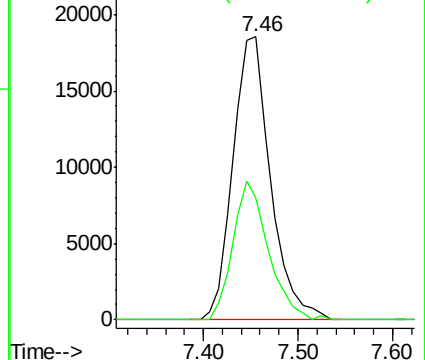
65 100

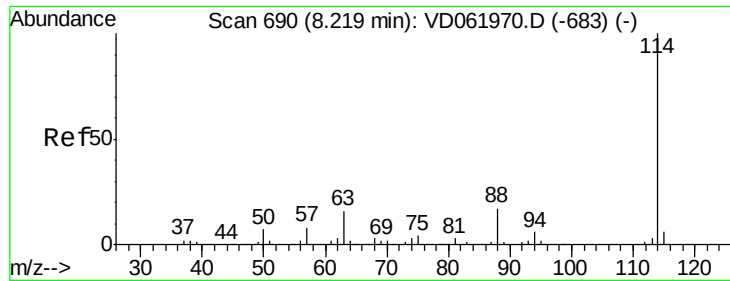
67 43.1 0.0 98.0



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: 8.21 min Scan# 690

Delta R.T. -0.01 min

Lab File: VD062050.D

Acq: 25 Apr 2019 20:51

Instrument :

MSVOA_D

ClientSampleId :

C-3_042419

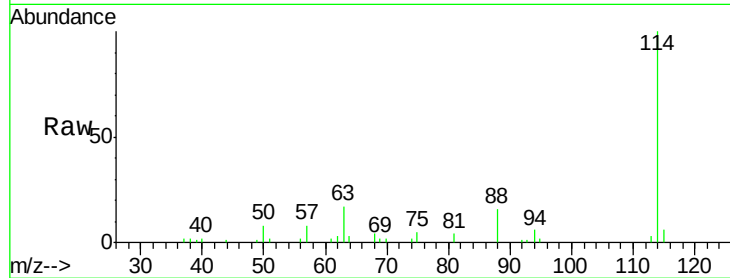
Tot Ion:114 Resp: 91619

Ion Ratio Lower Upper

114 100

63 16.8 0.0 32.4

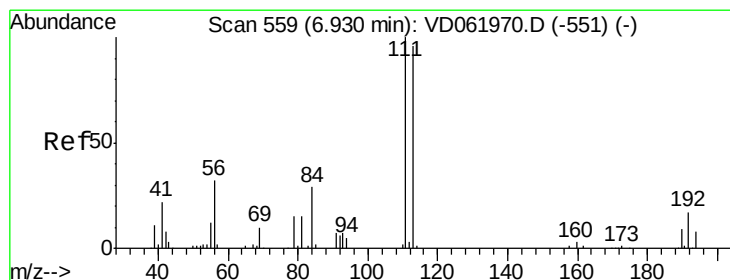
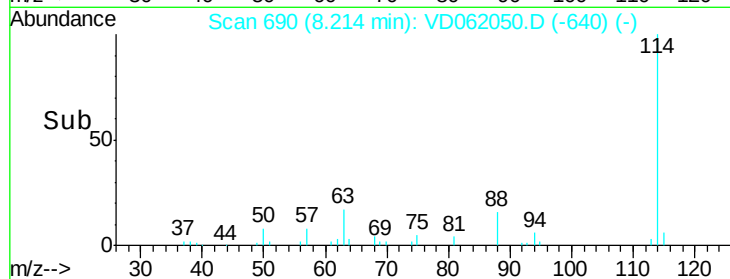
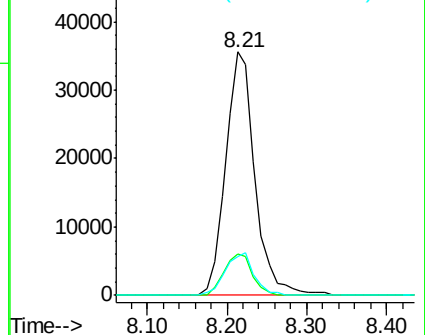
88 15.7 0.0 33.6



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: 79.492 ug/l

RT: 6.92 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD062050.D

Acq: 25 Apr 2019 20:51

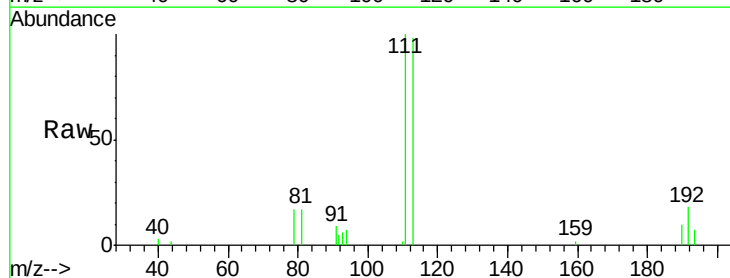
Tgt Ion:113 Resp: 50369

Ion Ratio Lower Upper

113 100

111 101.6 78.5 117.7

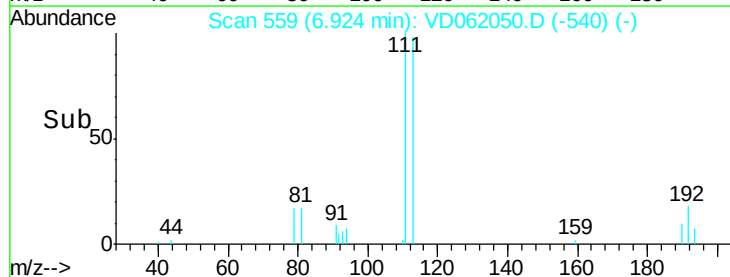
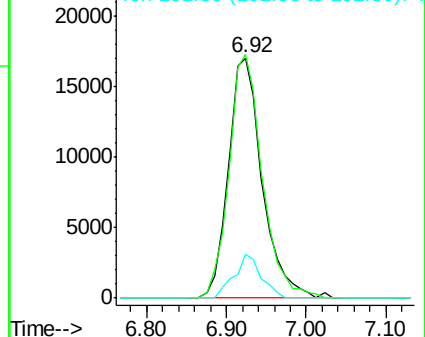
192 18.5 13.0 19.4

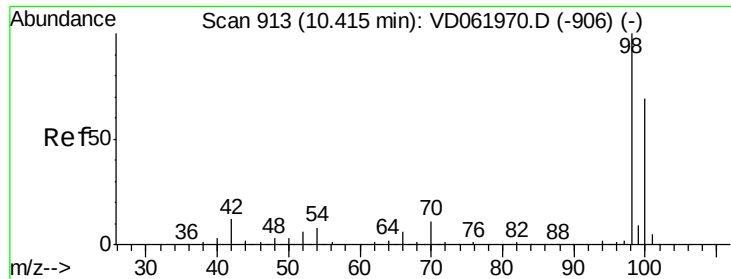


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

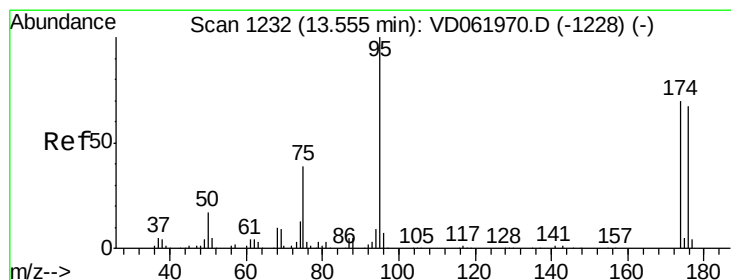
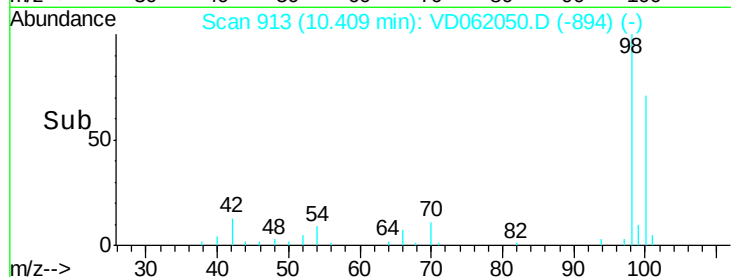
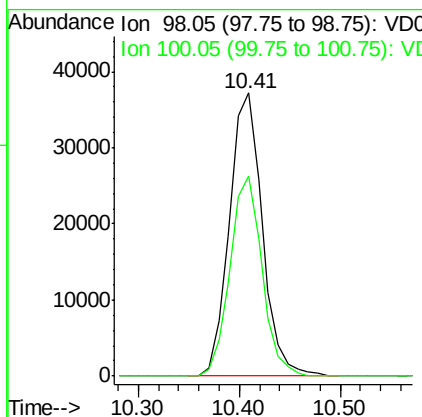
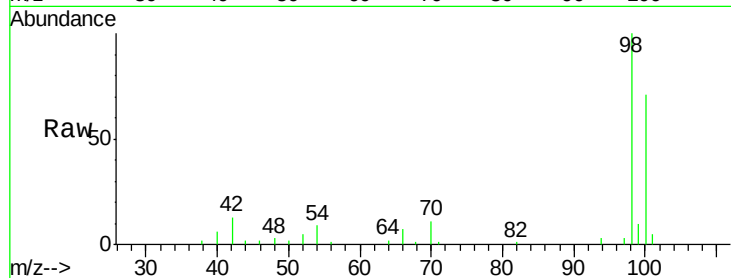




#50
Toluene-d8
Concen: 55.881 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD062050.D
Acq: 25 Apr 2019 20:51

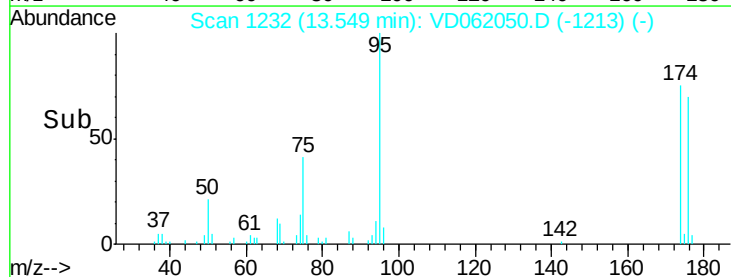
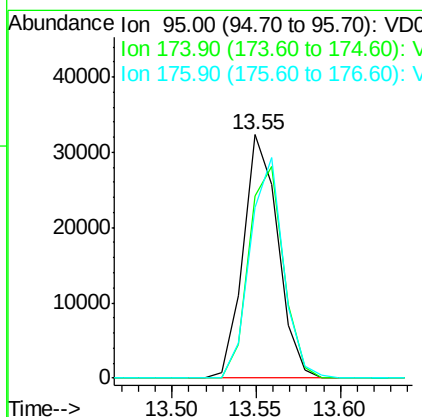
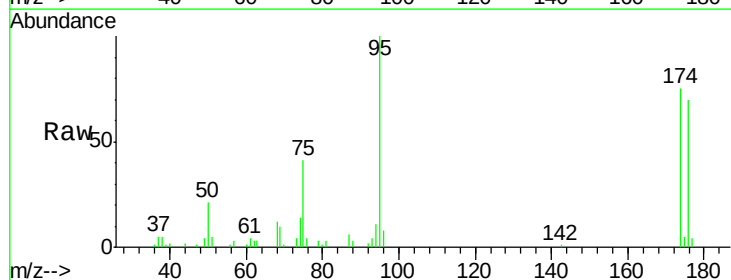
Instrument :
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C-3_042419

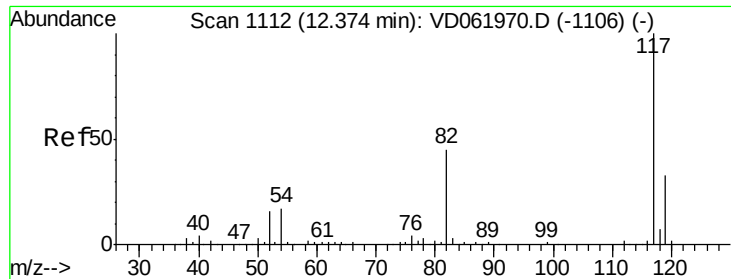
Tot Ion: 98 Resp: 84253
Ion Ratio Lower Upper
98 100
100 70.7 53.8 80.8



#62
4-Bromofluorobenzene
Concen: 76.066 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD062050.D
Acq: 25 Apr 2019 20:51

Tgt Ion: 95 Resp: 46000
Ion Ratio Lower Upper
95 100
174 74.6 0.0 181.8
176 70.2 0.0 174.4

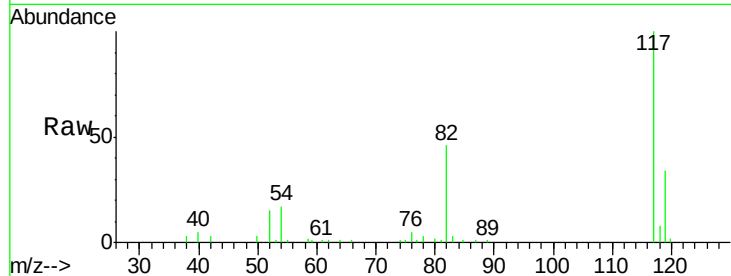




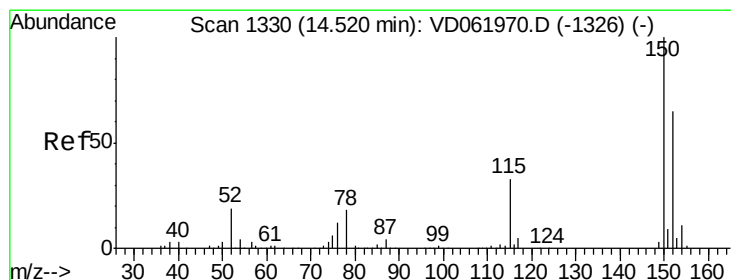
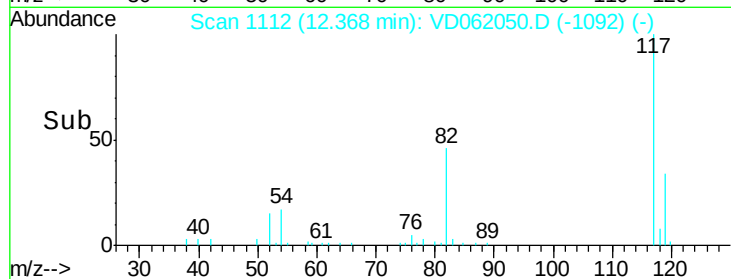
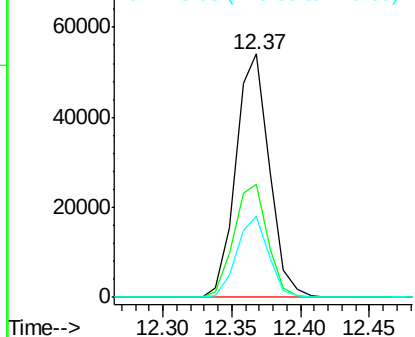
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062050.D
Acq: 25 Apr 2019 20:51

Instrument :
MSVOA_D
ClientSampleId :
C-3_042419

Tot Ion:117 Resp: 91502
Ion Ratio Lower Upper
117 100
82 46.4 36.2 54.2
119 33.5 26.2 39.4

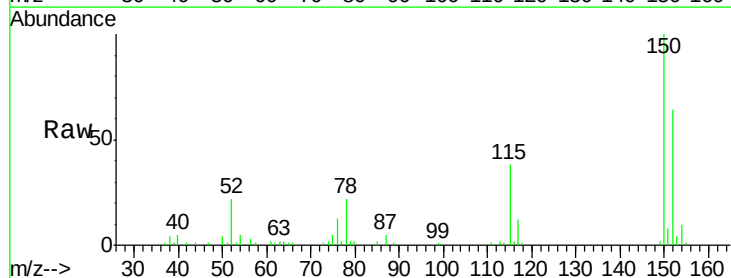


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD062050.D
Acq: 25 Apr 2019 20:51

Tgt Ion:152 Resp: 46228
Ion Ratio Lower Upper
152 100
115 58.5 30.9 92.7
150 156.0 0.0 314.8



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

