

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042319\
 Data File : VD061968.D
 Acq On : 23 Apr 2019 13:24
 Operator : VA/AP
 Sample : VIBLK
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Apr 23 13:50:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 12:18:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	678251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1078856	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	936617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	432277	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	29784	4.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	9.34%	
35) Dibromofluoromethane	6.92	113	39210	4.73	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	9.46%	
50) Toluene-d8	10.41	98	112372	6.07	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	12.14%	
62) 4-Bromofluorobenzene	13.56	95	46880	5.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	11.56%	

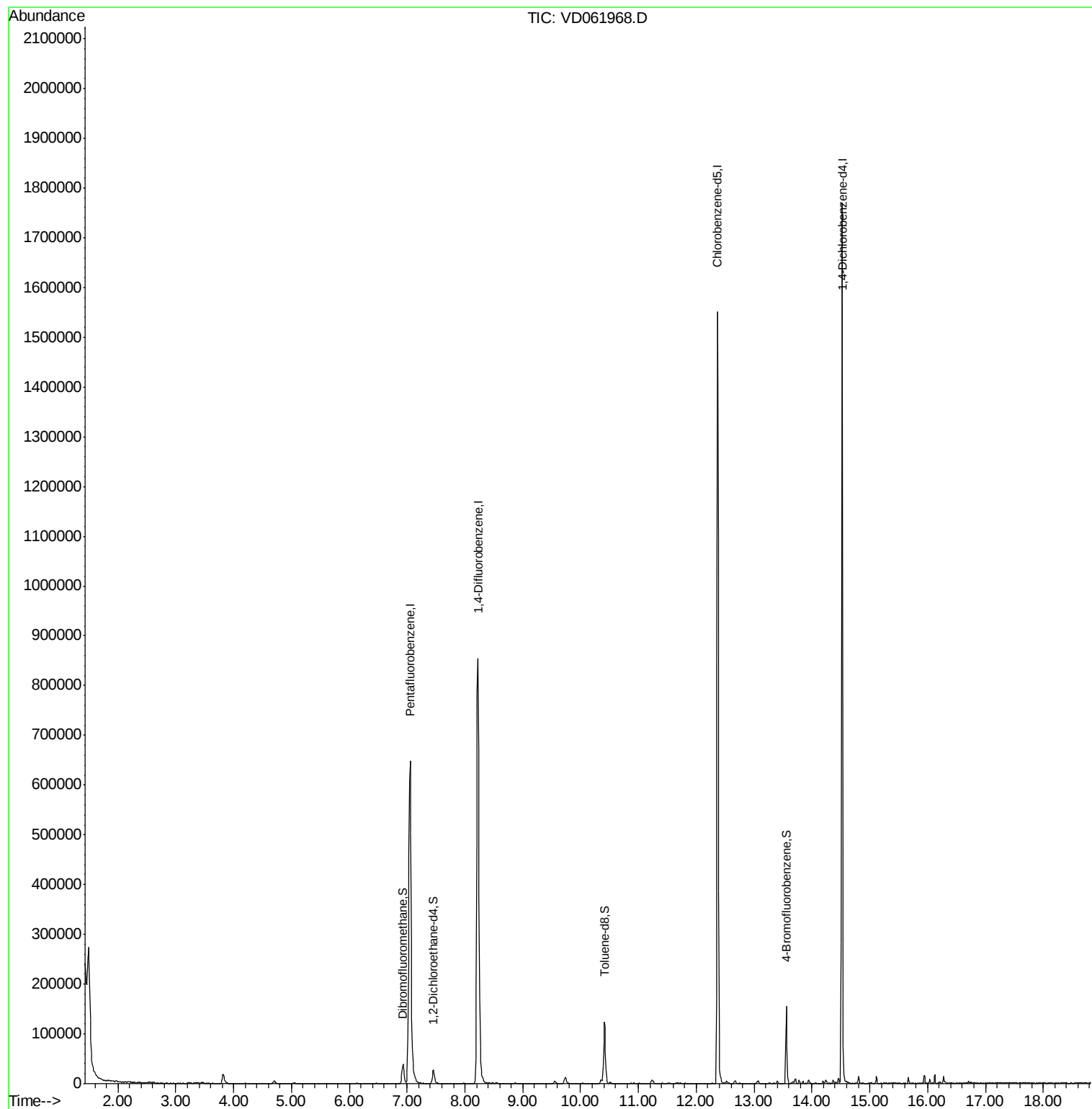
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.00 min

Lab File: VD061968.D

Acq: 23 Apr 2019 13:24

Instrument :

MSVOA_D

ClientSampleId :

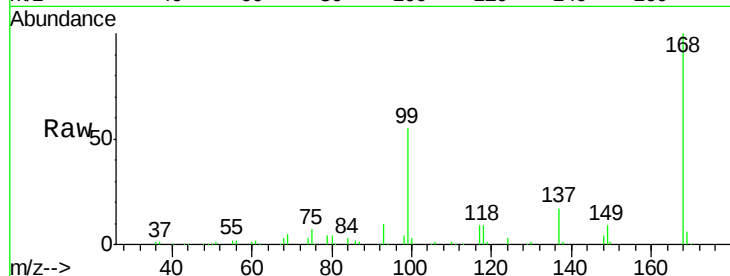
VIBLK

Tot Ion:168 Resp: 678251

Ion Ratio Lower Upper

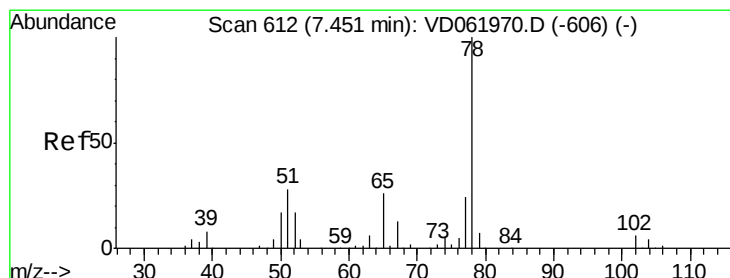
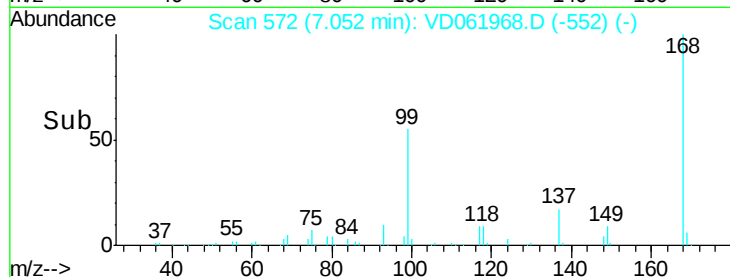
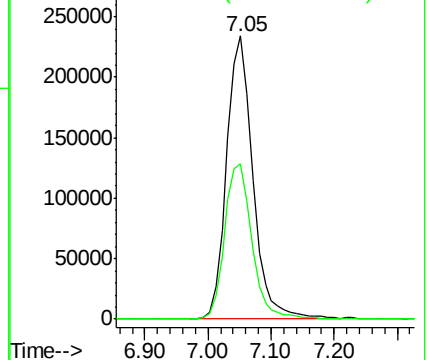
168 100

99 54.9 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: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD061968.D

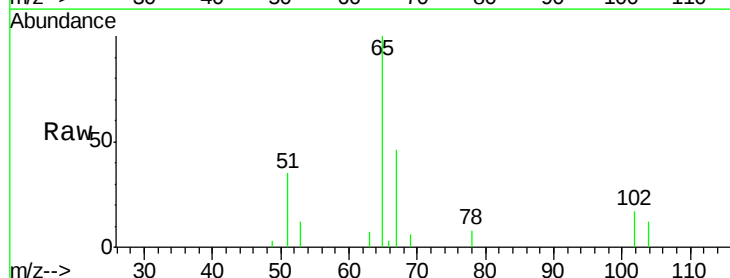
Acq: 23 Apr 2019 13:24

Tgt Ion: 65 Resp: 29784

Ion Ratio Lower Upper

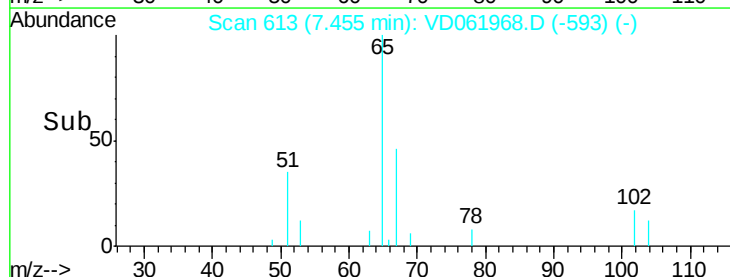
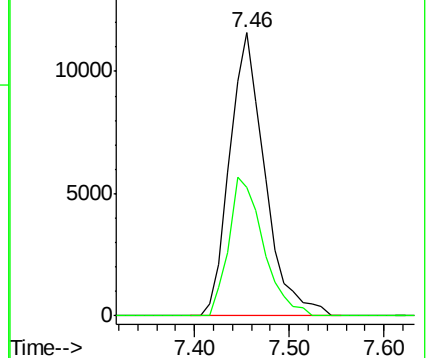
65 100

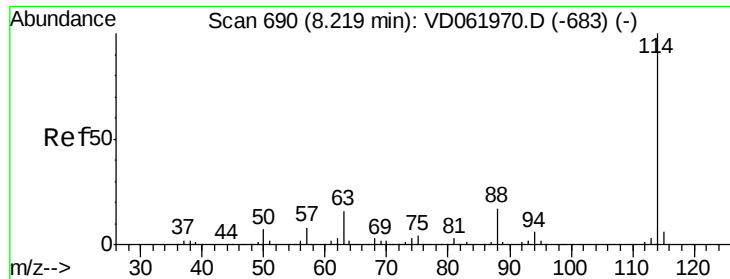
67 45.6 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

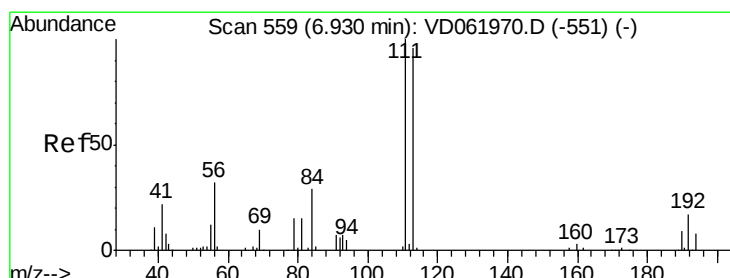
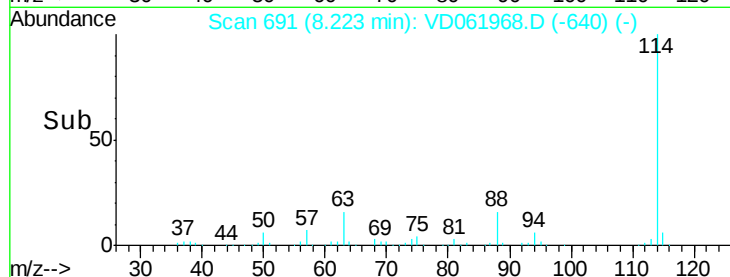
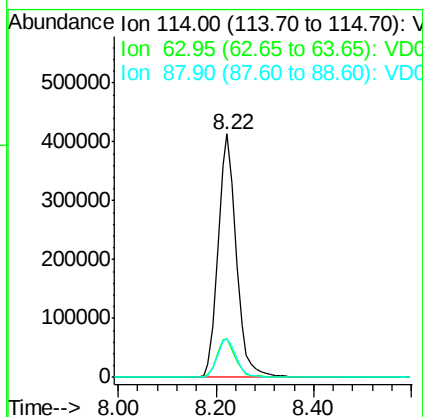
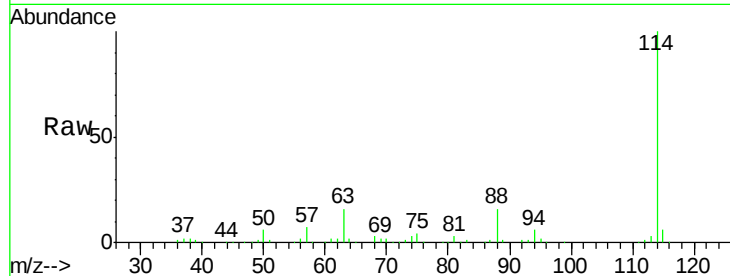




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: VD061968.D
 Acq: 23 Apr 2019 13:24

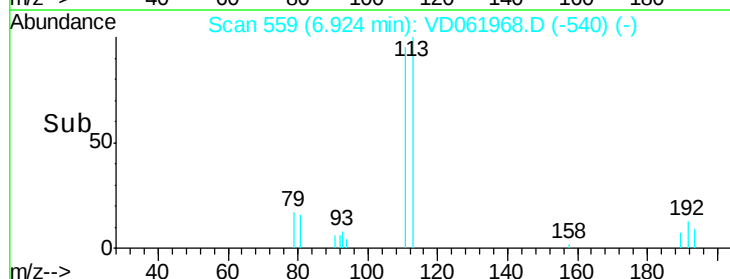
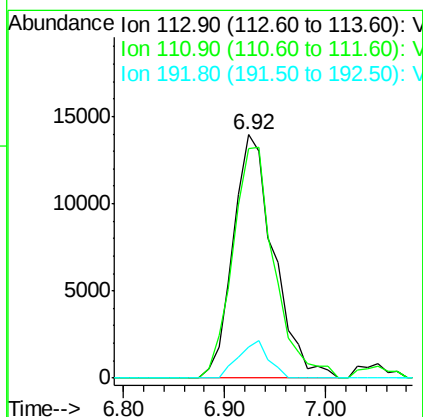
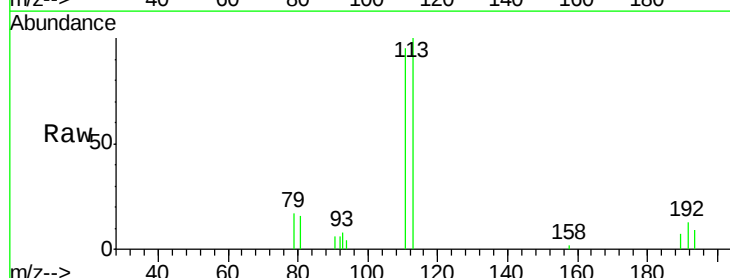
Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

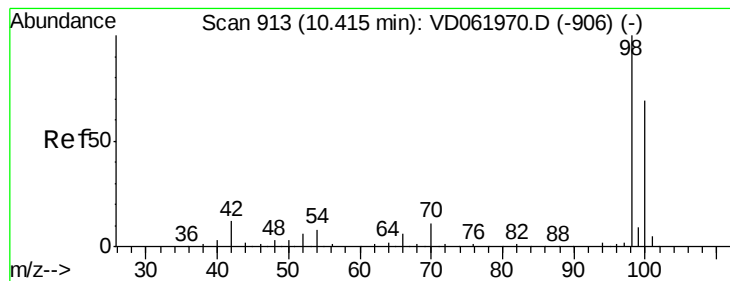
Tot Ion:114 Resp: 1078856
 Ion Ratio Lower Upper
 114 100
 63 15.7 0.0 32.4
 88 15.9 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD061968.D
 Acq: 23 Apr 2019 13:24

Tgt Ion:113 Resp: 39210
 Ion Ratio Lower Upper
 113 100
 111 94.5 78.5 117.7
 192 12.9 13.0 19.4#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD061968.D

Acq: 23 Apr 2019 13:24

Instrument :

MSVOA_D

ClientSampled :

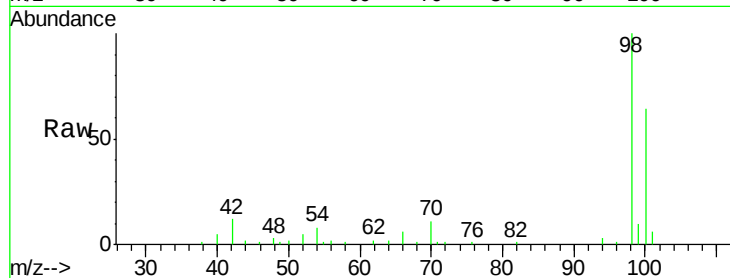
VIBLK

Tot Ion: 98 Resp: 112372

Ion Ratio Lower Upper

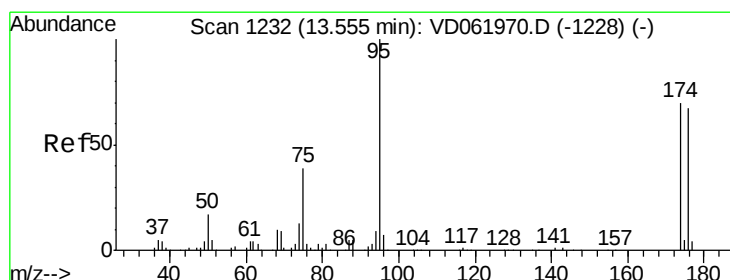
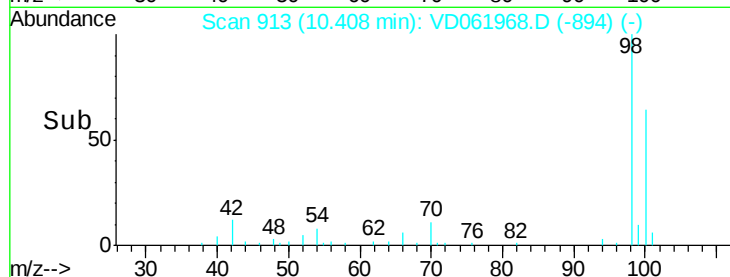
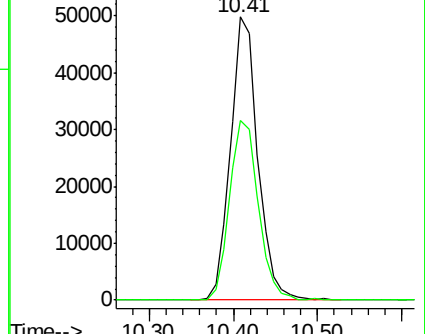
98 100

100 63.5 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD061970.D (-906) (-)

Ion 100.05 (99.75 to 100.75): VD061970.D (-906) (-)



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VD061968.D

Acq: 23 Apr 2019 13:24

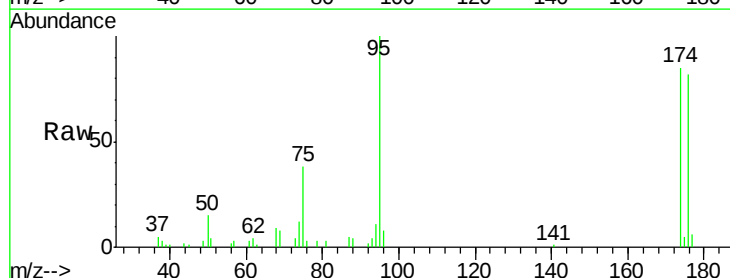
Tgt Ion: 95 Resp: 46880

Ion Ratio Lower Upper

95 100

174 84.8 0.0 181.8

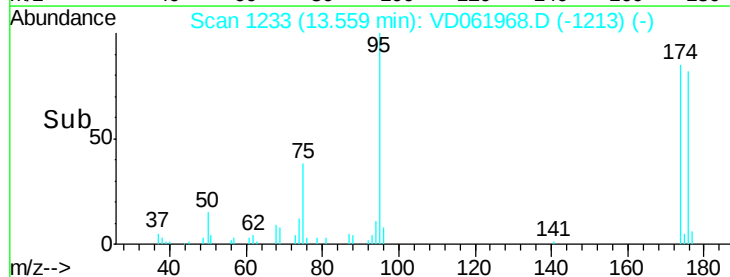
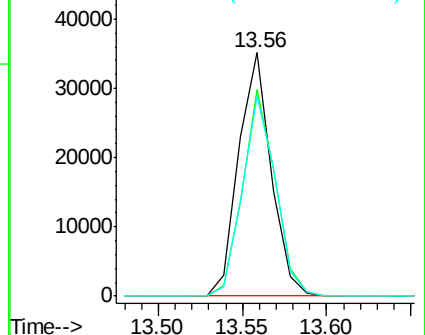
176 82.4 0.0 174.4

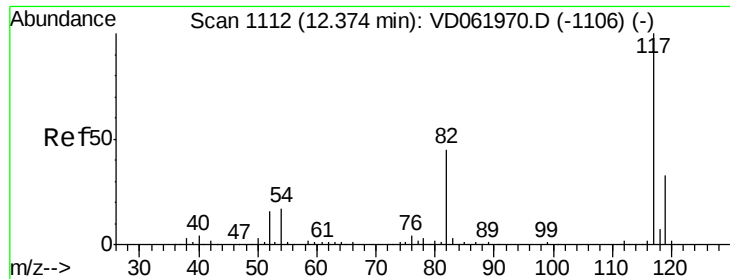


Abundance Ion 95.00 (94.70 to 95.70): VD061970.D (-1228) (-)

Ion 173.90 (173.60 to 174.60): VD061970.D (-1228) (-)

Ion 175.90 (175.60 to 176.60): VD061970.D (-1228) (-)

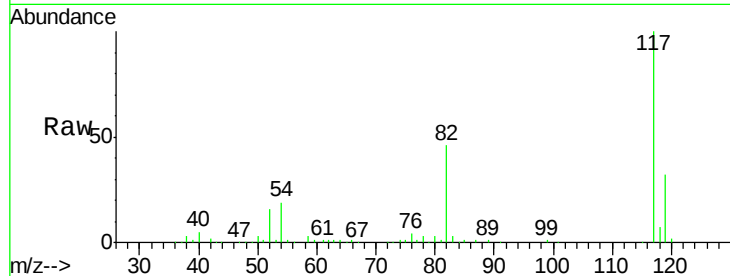




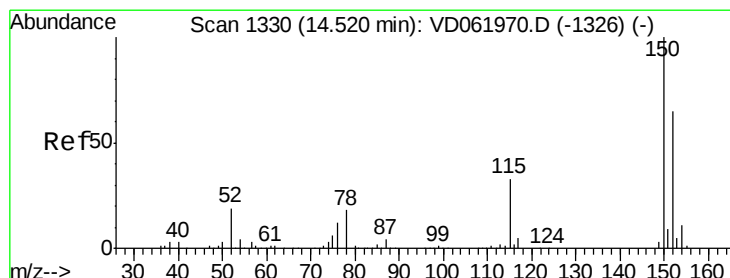
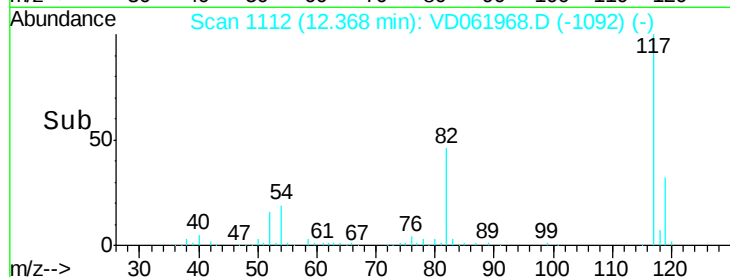
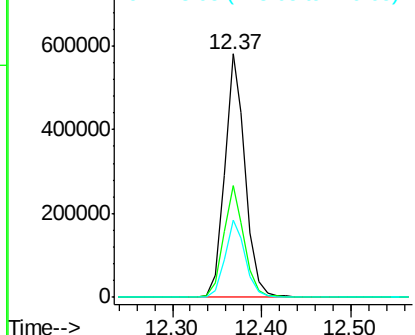
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD061968.D
Acq: 23 Apr 2019 13:24

Instrument :
MSVOA_D
ClientSampled :
VIBLK

Tot Ion:117 Resp: 936617
Ion Ratio Lower Upper
117 100
82 46.1 36.2 54.2
119 31.6 26.2 39.4

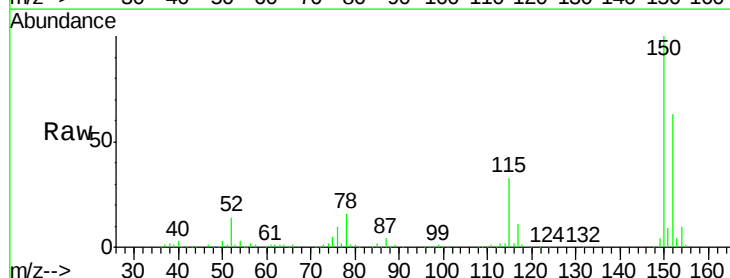


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. -0.00 min
Lab File: VD061968.D
Acq: 23 Apr 2019 13:24

Tgt Ion:152 Resp: 432277
Ion Ratio Lower Upper
152 100
115 52.6 30.9 92.7
150 159.6 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

