

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042319\
 Data File : VD061972.D
 Acq On : 23 Apr 2019 16:00
 Operator : VA/AP
 Sample : VD0423SBL01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0423SBL01

Quant Time: Apr 23 16:57:33 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	673321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	999691	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	827846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	412762	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	264610	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
35) Dibromofluoromethane	6.92	113	399130	57.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.46%	
50) Toluene-d8	10.41	98	855621	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
62) 4-Bromofluorobenzene	13.56	95	374692	56.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.56%	

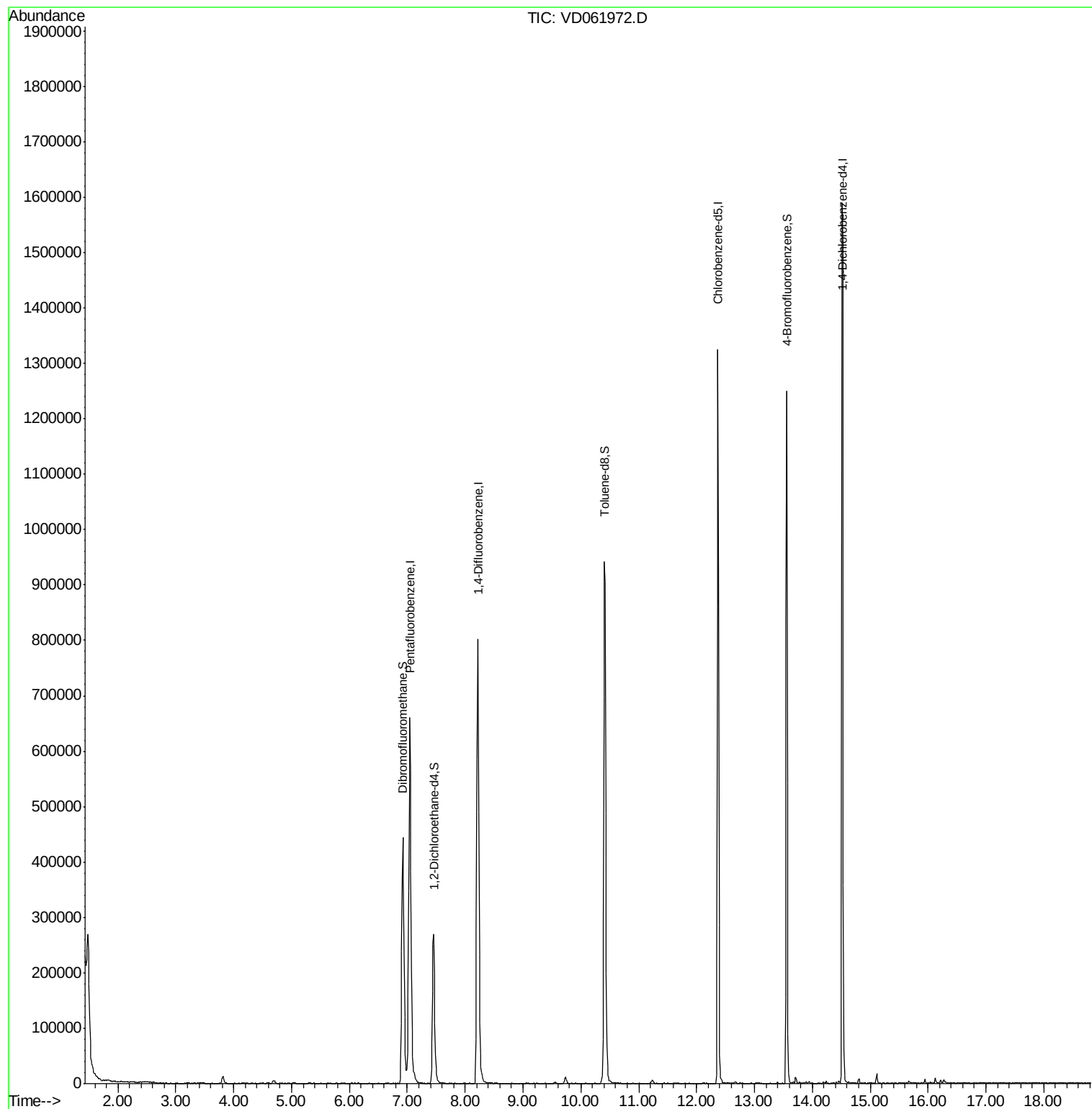
Target Compounds	Qvalue

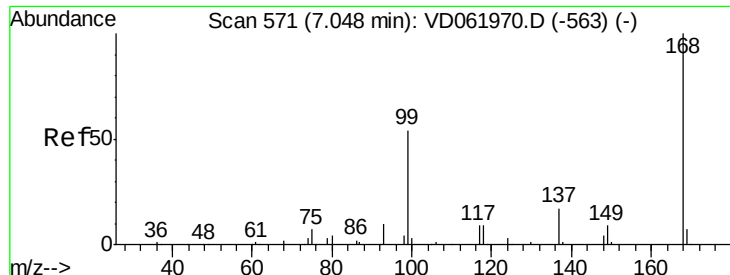
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD042319\
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Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
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: VD061972.D

Acq: 23 Apr 2019 16:00

Instrument :

MSVOA_D

ClientSampleId :

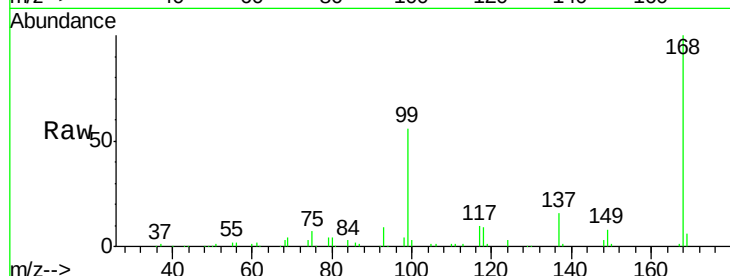
VD0423SBL01

Tot Ion:168 Resp: 673321

Ion Ratio Lower Upper

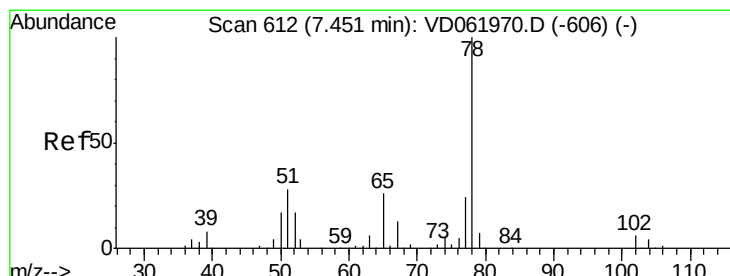
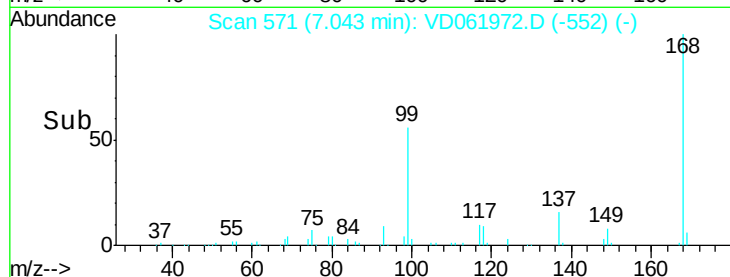
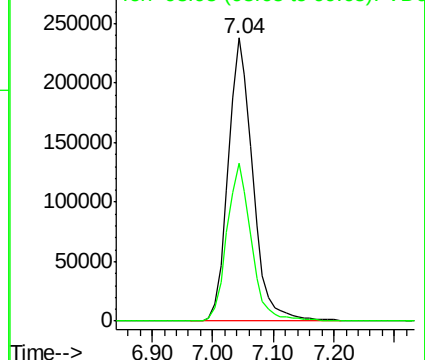
168 100

99 55.6 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: VD061972.D

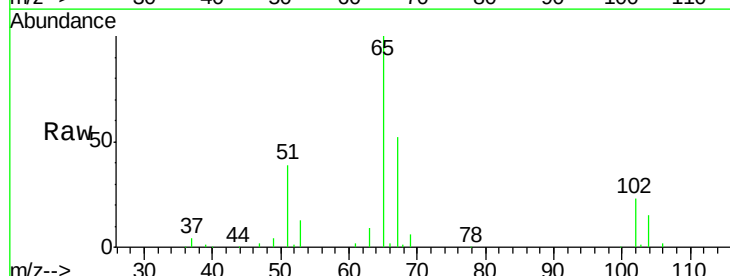
Acq: 23 Apr 2019 16:00

Tgt Ion: 65 Resp: 264610

Ion Ratio Lower Upper

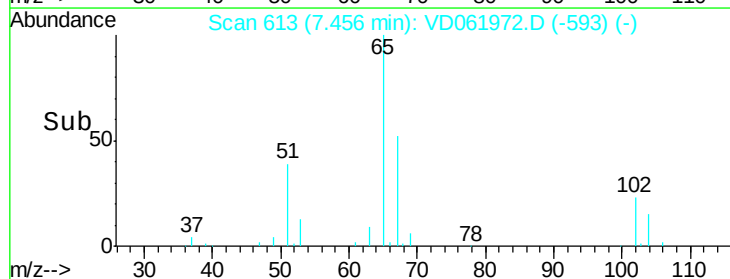
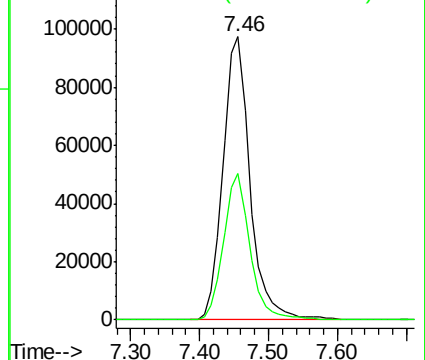
65 100

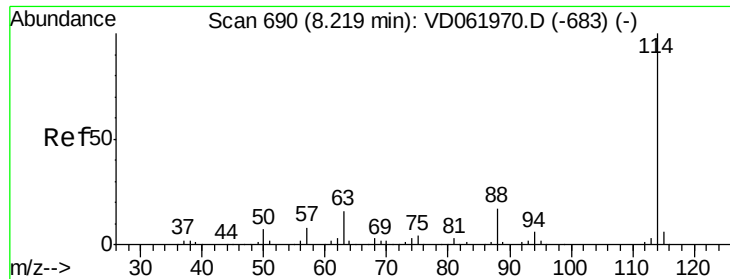
67 51.6 0.0 98.0



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: VD061972.D

Acq: 23 Apr 2019 16:00

Instrument :

MSVOA_D

ClientSampleId :

VD0423SBL01

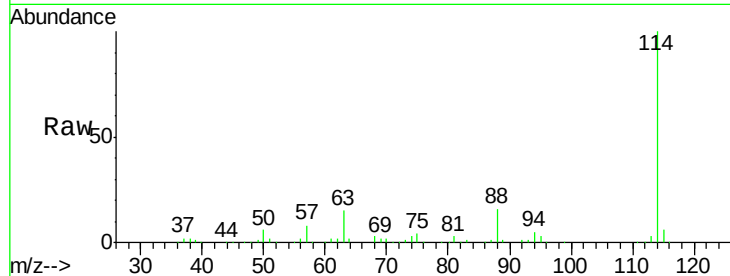
Tot Ion:114 Resp: 999691

Ion Ratio Lower Upper

114 100

63 15.5 0.0 32.4

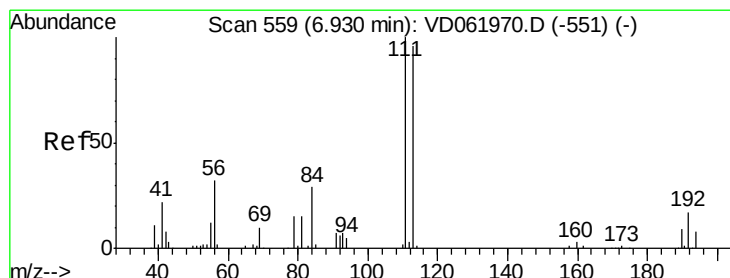
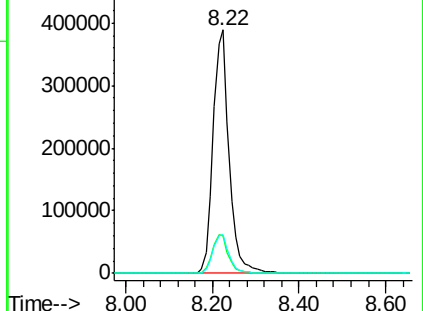
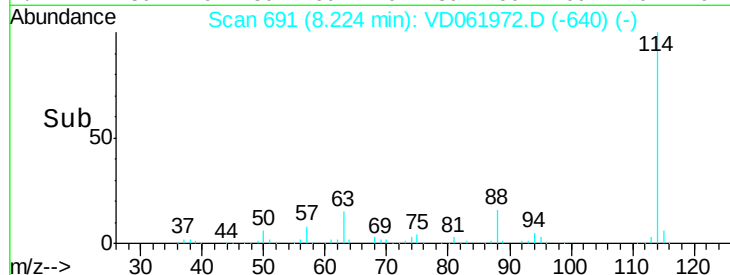
88 16.1 0.0 33.6



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. -0.01 min

Lab File: VD061972.D

Acq: 23 Apr 2019 16:00

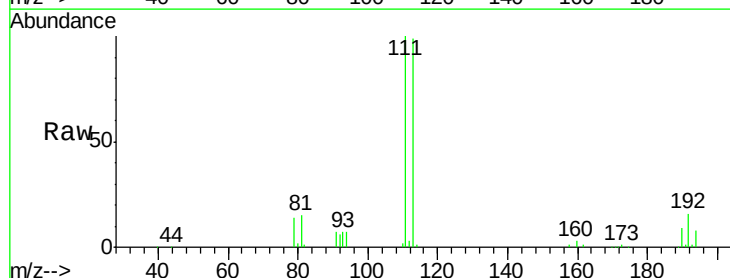
Tgt Ion:113 Resp: 399130

Ion Ratio Lower Upper

113 100

111 101.3 78.5 117.7

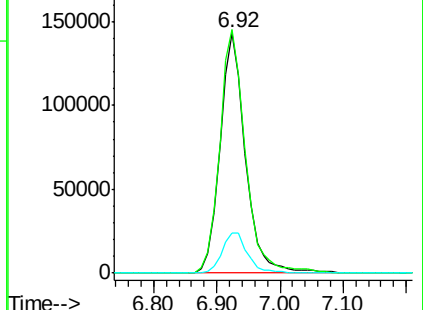
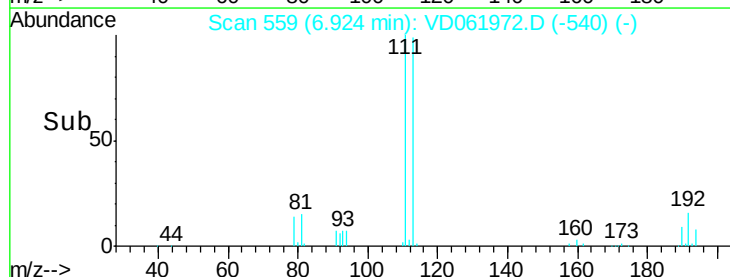
192 16.6 13.0 19.4

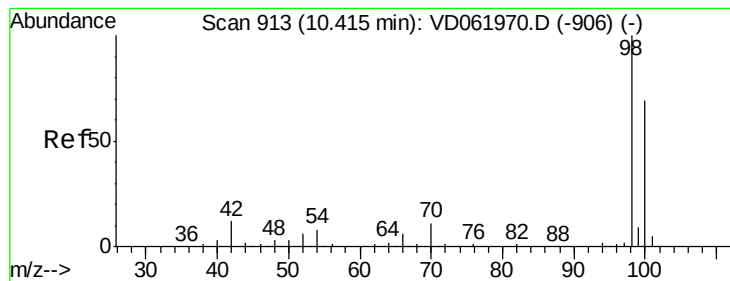


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD061972.D

Acq: 23 Apr 2019 16:00

Instrument :

MSVOA_D

ClientSampleId :

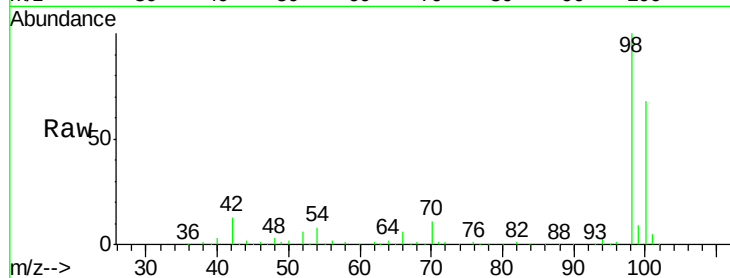
VD0423SBL01

Tot Ion: 98 Resp: 855621

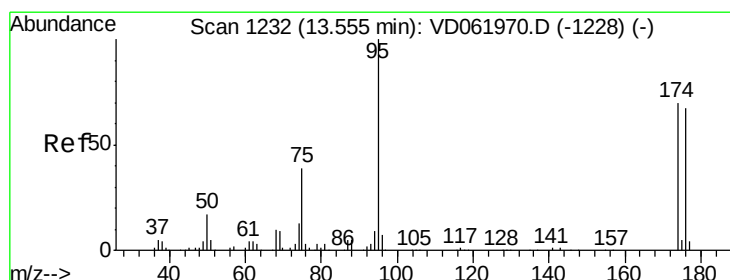
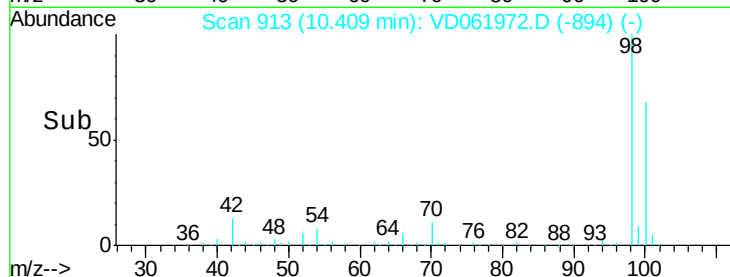
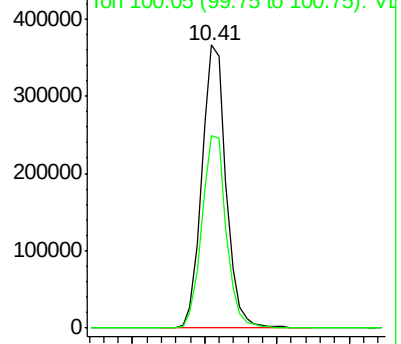
Ion Ratio Lower Upper

98 100

100 67.9 53.8 80.8



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



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VD061972.D

Acq: 23 Apr 2019 16:00

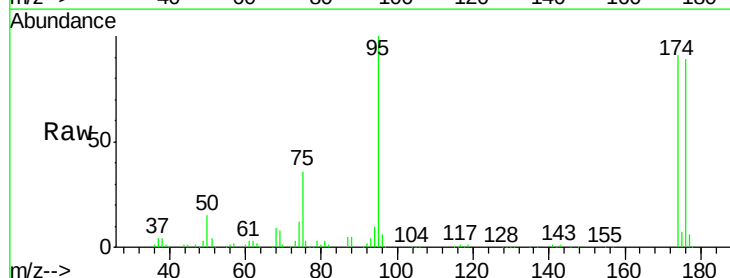
Tgt Ion: 95 Resp: 374692

Ion Ratio Lower Upper

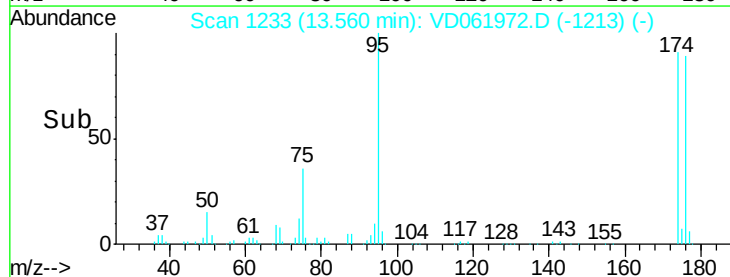
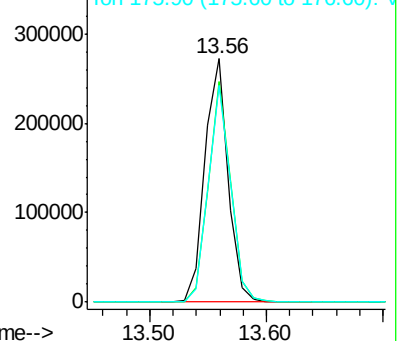
95 100

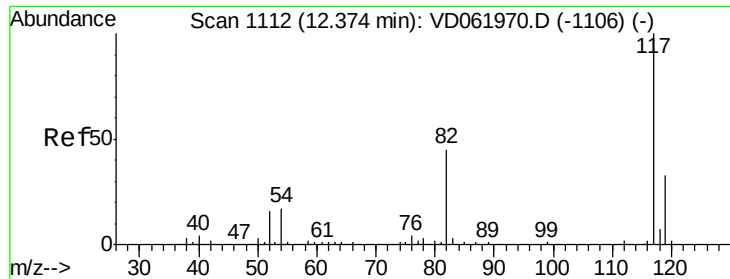
174 90.8 0.0 181.8

176 88.8 0.0 174.4



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

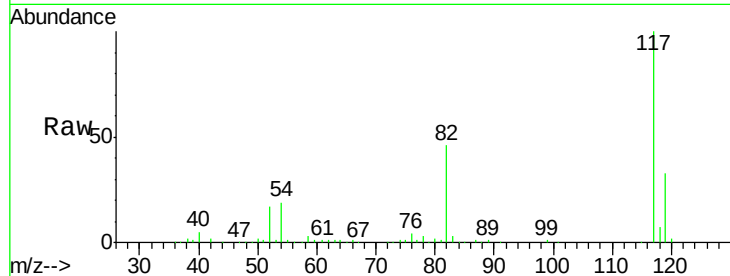




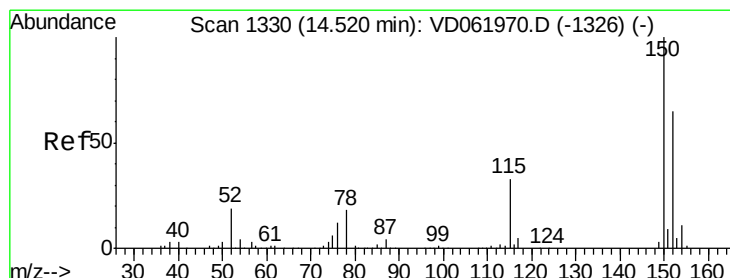
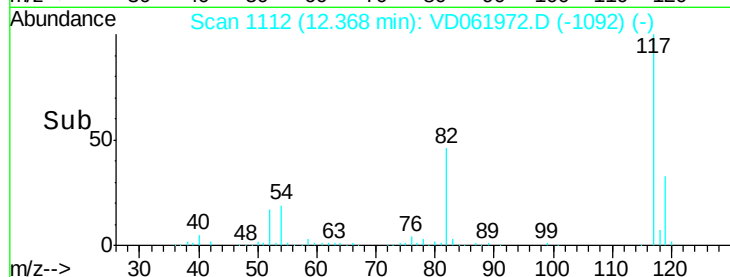
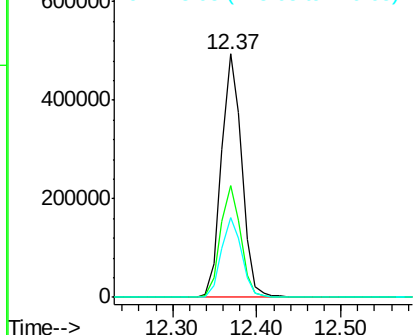
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD061972.D
Acq: 23 Apr 2019 16:00

Instrument :
MSVOA_D
ClientSampleId :
VD0423SBL01

Tot Ion:117 Resp: 827846
Ion Ratio Lower Upper
117 100
82 46.1 36.2 54.2
119 32.8 26.2 39.4

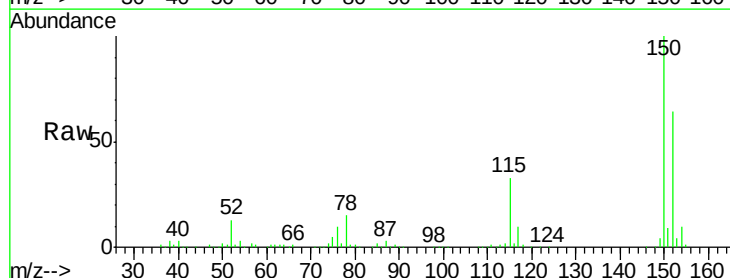


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VD061972.D
Acq: 23 Apr 2019 16:00

Tgt Ion:152 Resp: 412762
Ion Ratio Lower Upper
152 100
115 50.8 30.9 92.7
150 155.9 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

