

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042319\
 Data File : VD061974.D
 Acq On : 23 Apr 2019 17:10
 Operator : VA/AP
 Sample : K2203-15
 Misc : 6.79g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-041819-B

Quant Time: Apr 23 17:35:02 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

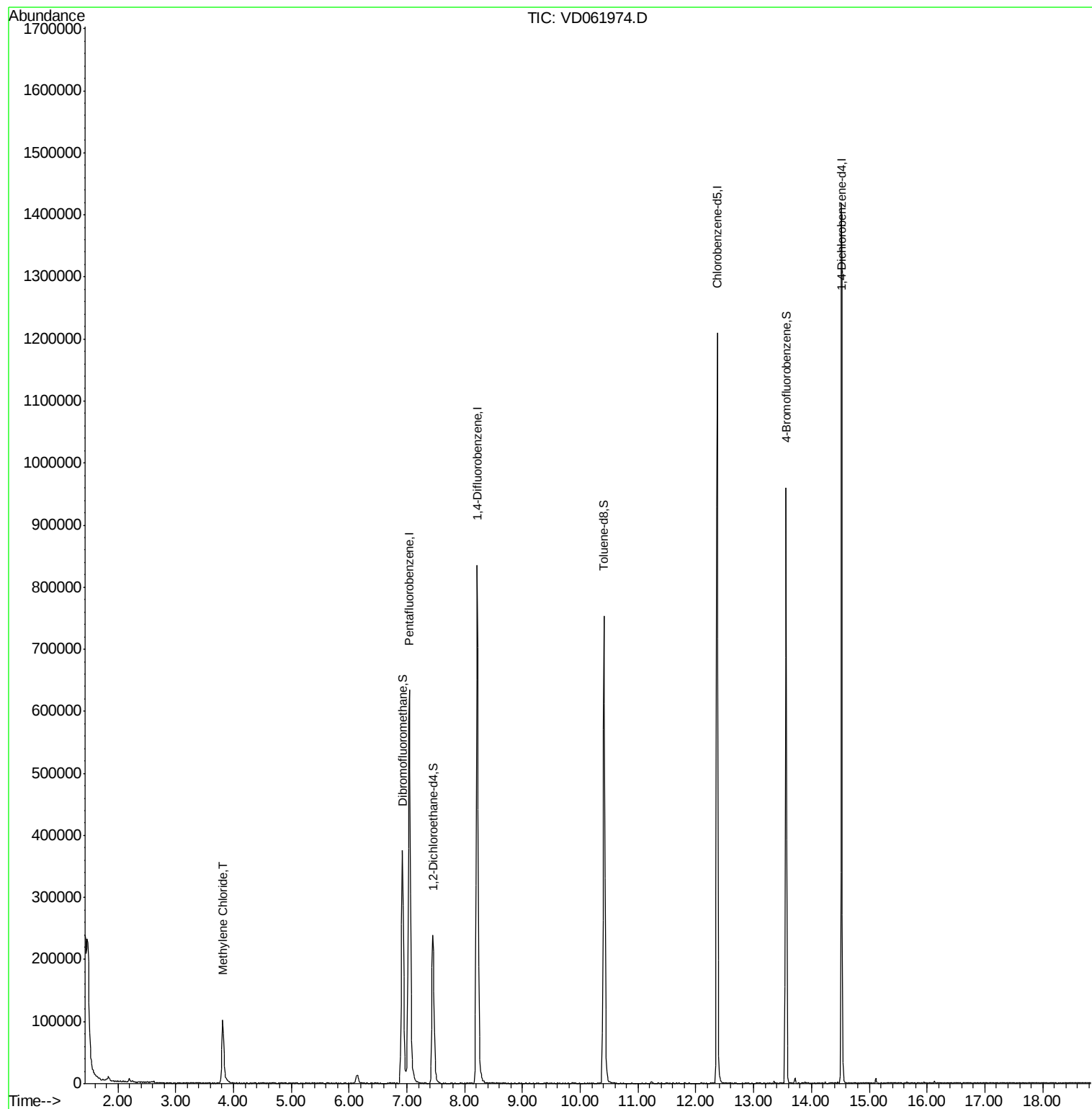
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	633375	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	980273	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	760717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	366588	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	232594	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
35) Dibromofluoromethane	6.91	113	357372	52.71	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	105.42%	
50) Toluene-d8	10.41	98	650059	40.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.60%	
62) 4-Bromofluorobenzene	13.56	95	296981	45.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.80%	
Target Compounds						
20) Methylene Chloride	3.81	84	74586	10.420	ug/l	Qvalue 97

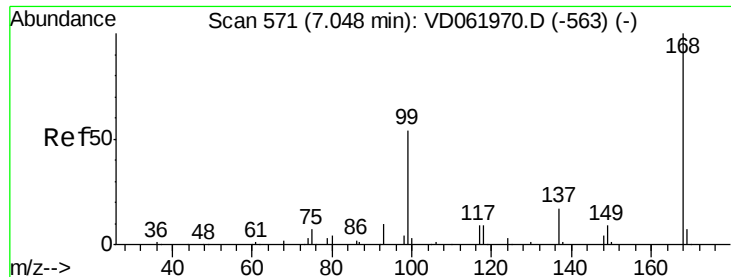
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD042319\
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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: VD061974.D

Acq: 23 Apr 2019 17:10

Instrument :

MSVOA_D

ClientSampleId :

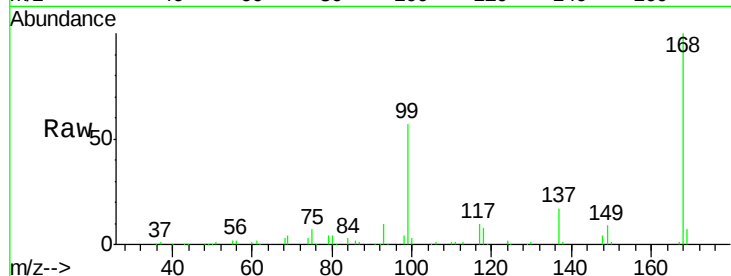
SU-02-041819-B

Tot Ion:168 Resp: 633375

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

7.04

250000

200000

150000

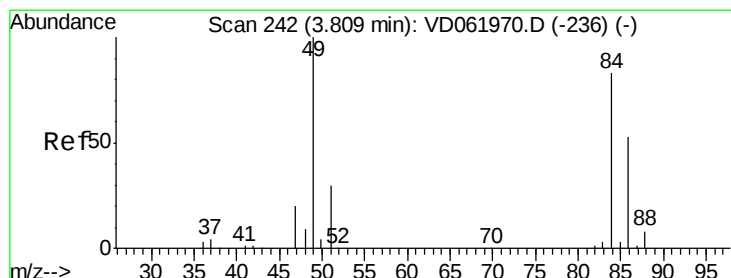
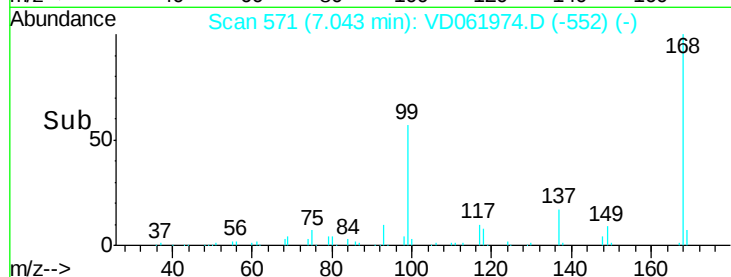
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#20

Methylene Chloride

Concen: 10.420 ug/l

RT: 3.81 min Scan# 243

Delta R.T. -0.01 min

Lab File: VD061974.D

Acq: 23 Apr 2019 17:10

Tgt Ion: 84 Resp: 74586

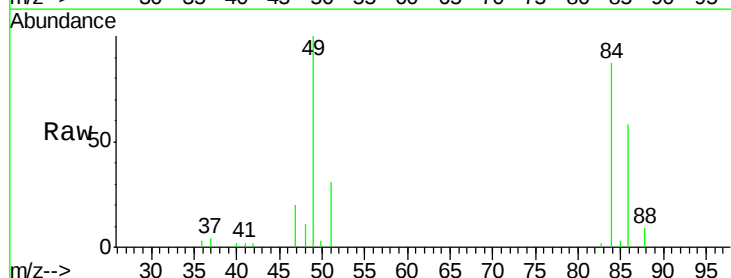
Ion Ratio Lower Upper

84 100

49 114.7 94.0 141.0

51 35.4 29.0 43.4

86 66.9 49.8 74.6



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

40000

30000

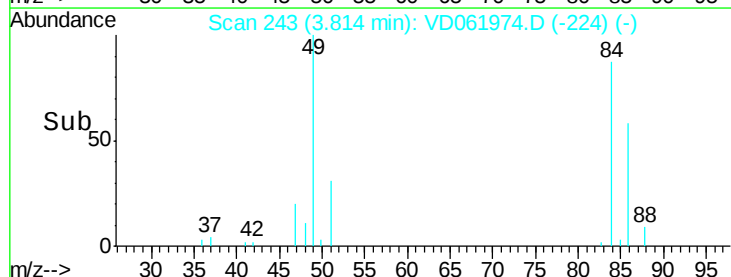
20000

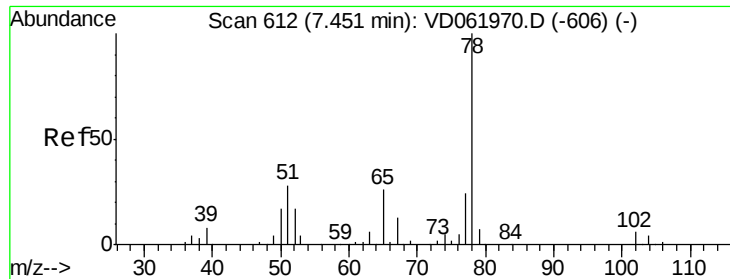
10000

0

3.70 3.80 3.90 4.00

Time-->

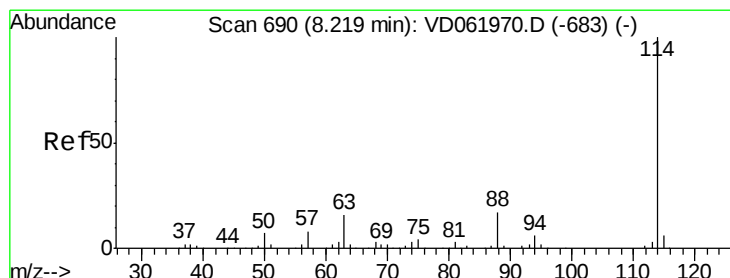
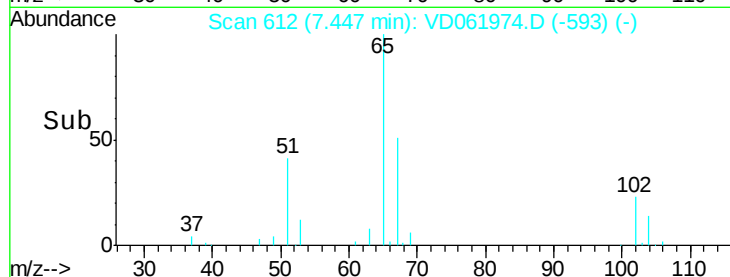
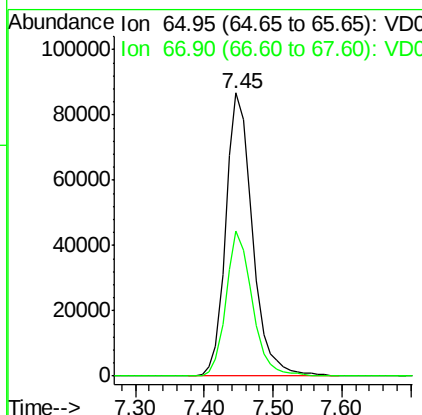
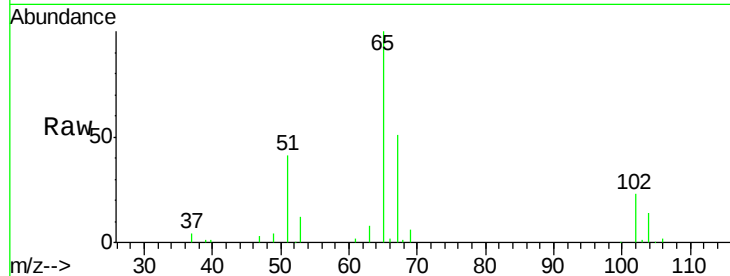




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: VD061974.D
 Acq: 23 Apr 2019 17:10

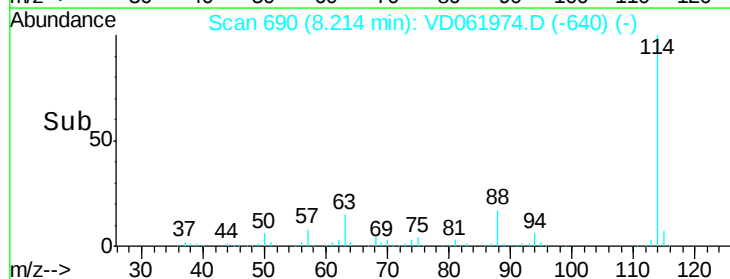
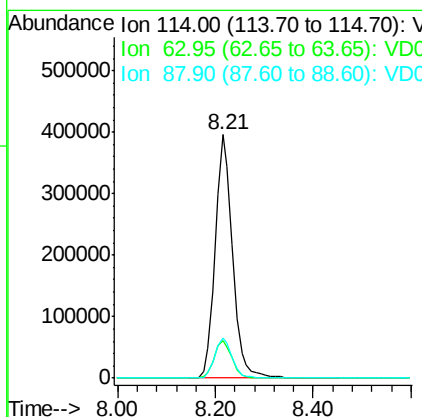
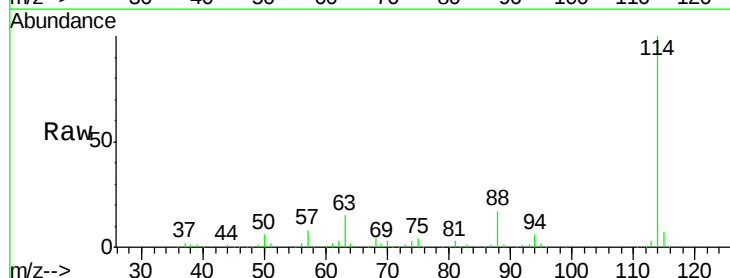
Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-041819-B

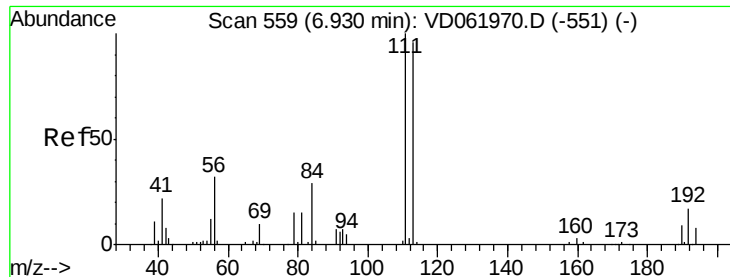
Tot Ion: 65 Resp: 232594
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: VD061974.D
 Acq: 23 Apr 2019 17:10

Tgt Ion: 114 Resp: 980273
 Ion Ratio Lower Upper
 114 100
 63 15.4 0.0 32.4
 88 16.5 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.91 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD061974.D

Acq: 23 Apr 2019 17:10

Instrument :

MSVOA_D

ClientSampleId :

SU-02-041819-B

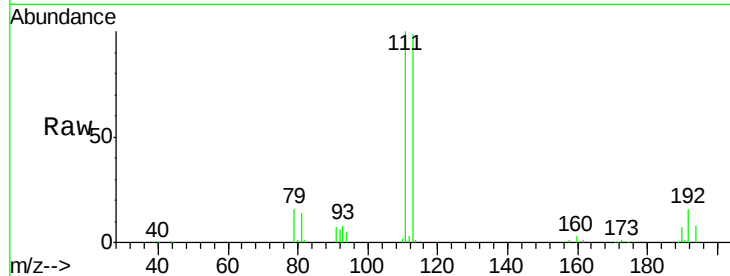
Tot Ion:113 Resp: 357372

Ion Ratio Lower Upper

113 100

111 100.7 78.5 117.7

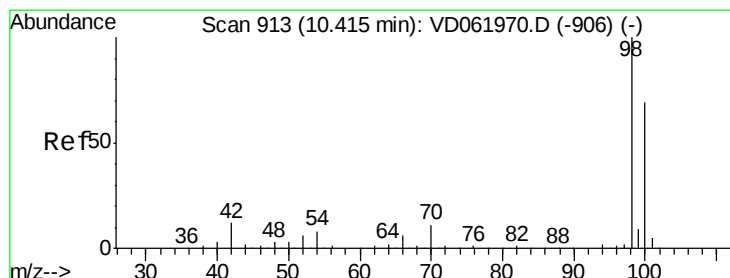
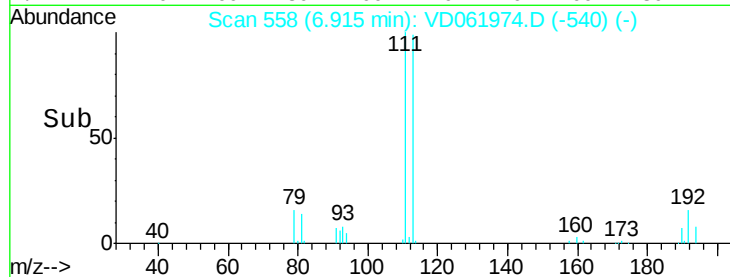
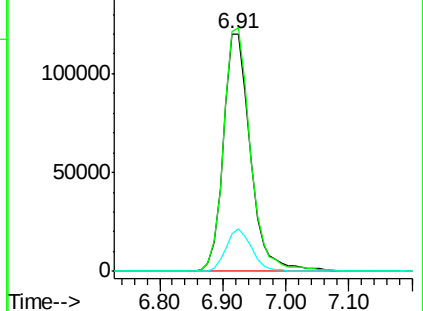
192 16.0 13.0 19.4



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: VD061974.D

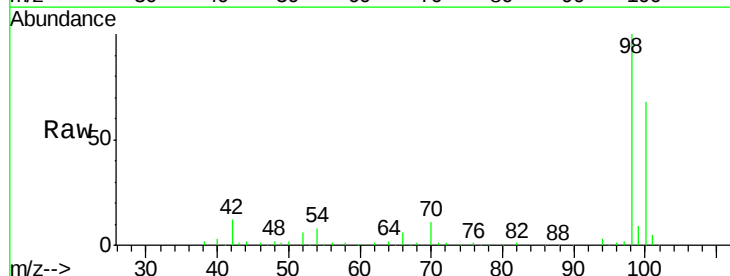
Acq: 23 Apr 2019 17:10

Tgt Ion: 98 Resp: 650059

Ion Ratio Lower Upper

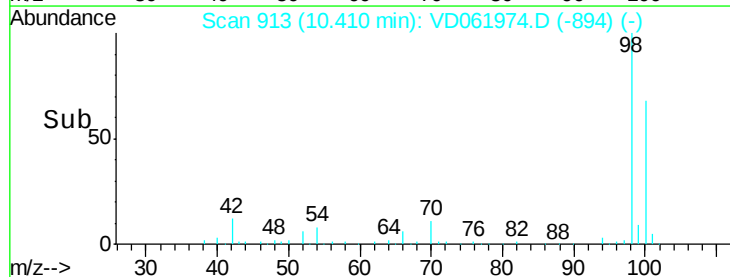
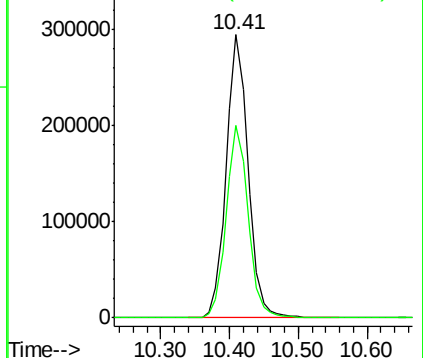
98 100

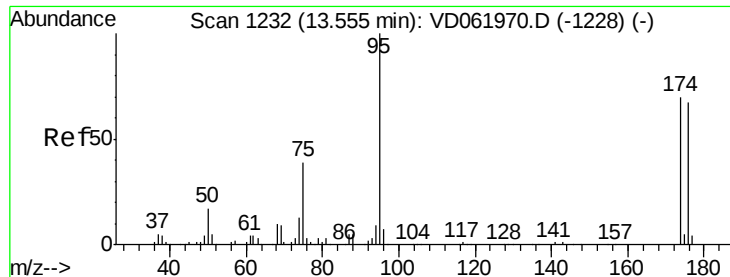
100 67.9 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

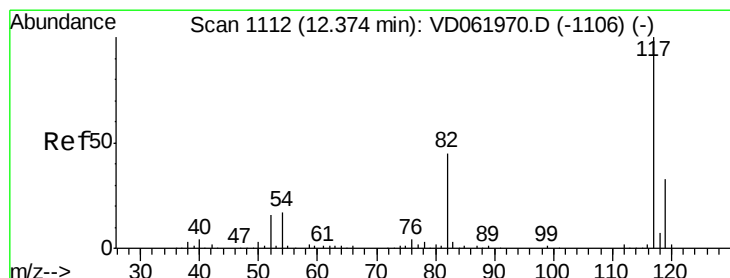
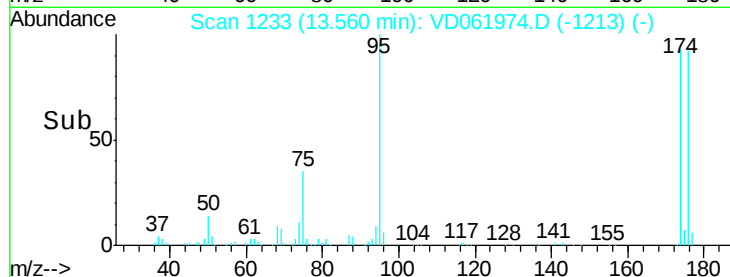
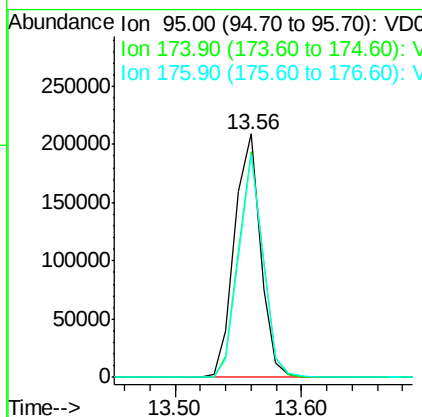
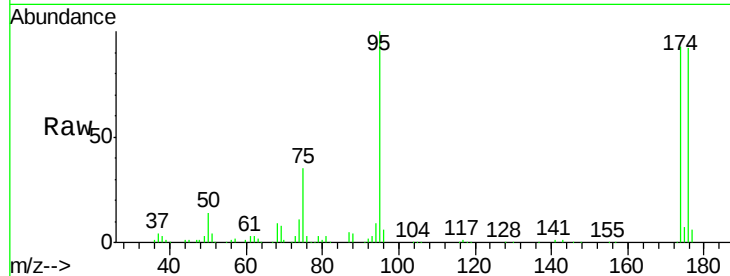




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD061974.D
Acq: 23 Apr 2019 17:10

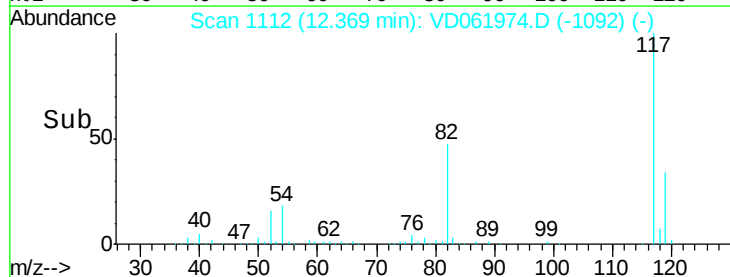
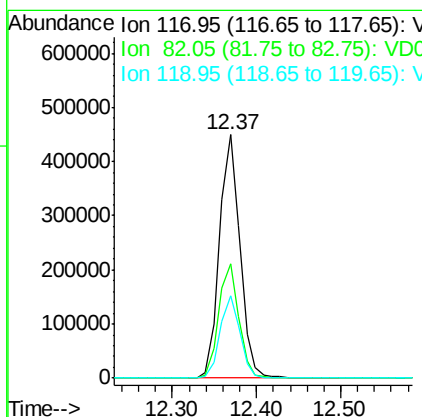
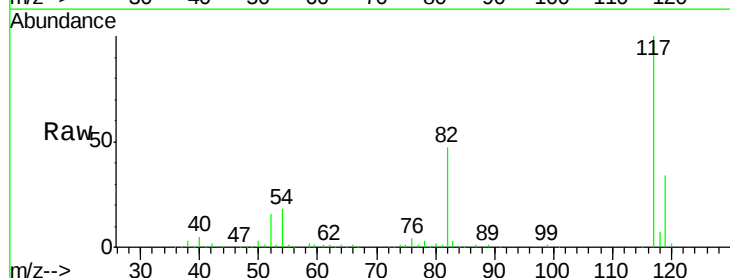
Instrument :
MSVOA_D
ClientSampleId :
SU-02-041819-B

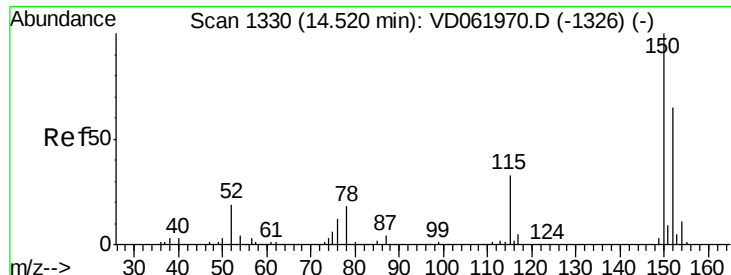
Tot Ion: 95 Resp: 296981
Ion Ratio Lower Upper
95 100
174 92.7 0.0 181.8
176 91.7 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD061974.D
Acq: 23 Apr 2019 17:10

Tgt Ion: 117 Resp: 760717
Ion Ratio Lower Upper
117 100
82 47.2 36.2 54.2
119 33.8 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: VD061974.D
 Acq: 23 Apr 2019 17:10

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-041819-B

Tot Ion:152 Resp: 366588
 Ion Ratio Lower Upper
 152 100
 115 48.4 30.9 92.7
 150 154.0 0.0 314.8

