

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042419\
 Data File : VD062009.D
 Acq On : 24 Apr 2019 20:50
 Operator : VA/AP
 Sample : K2532-18
 Misc : 5.26g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14-2

Quant Time: Apr 25 02:49:06 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

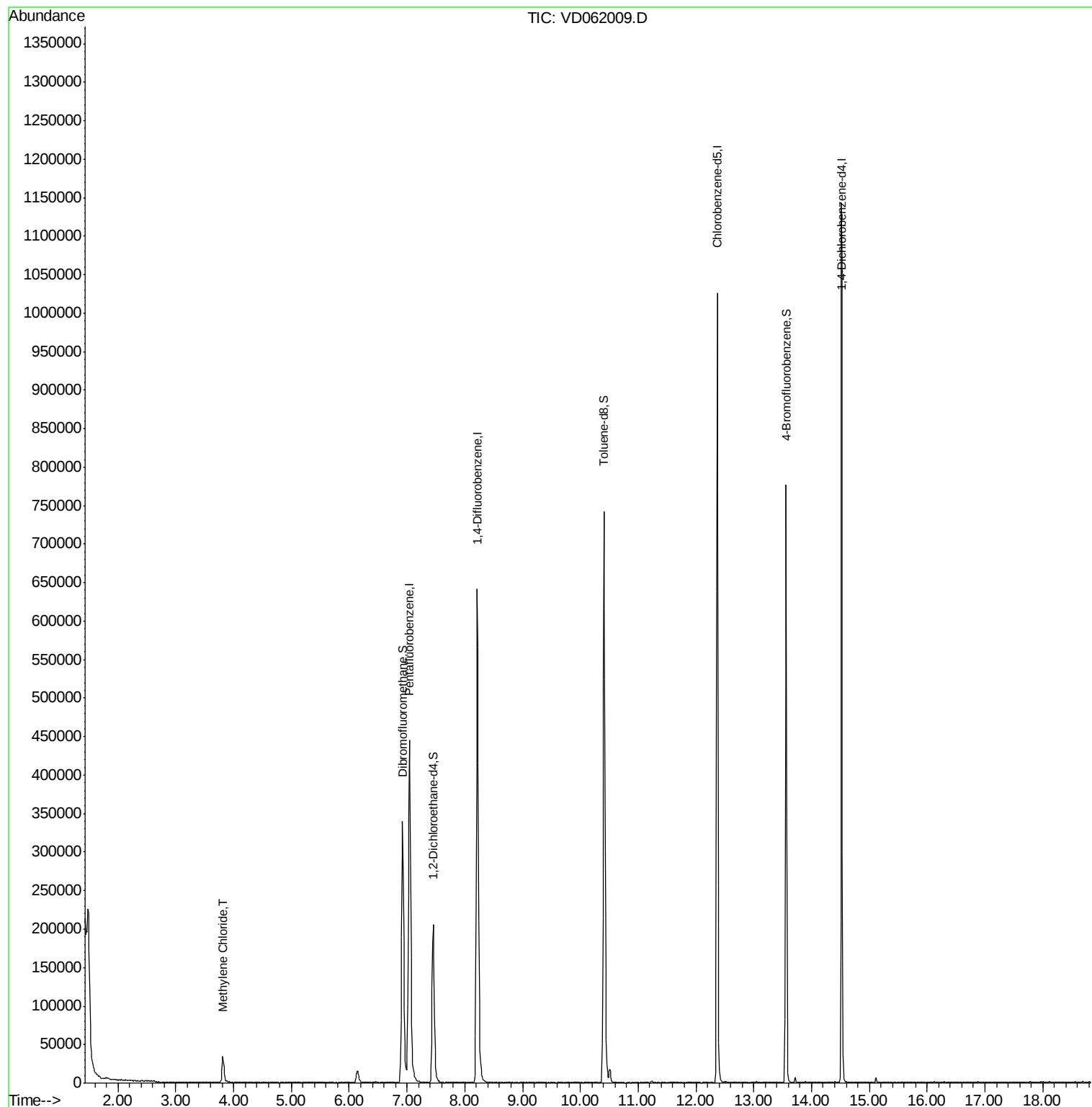
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	470098	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.21	114	765519	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	639653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	293778	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	206707	56.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.36%	
35) Dibromofluoromethane	6.92	113	308096	58.19	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	116.38%	
50) Toluene-d8	10.41	98	632147	50.18	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	100.36%	
62) 4-Bromofluorobenzene	13.56	95	231190	45.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.50%	
Target Compounds						
20) Methylene Chloride	3.81	84	25063	2.853	ug/l	Qvalue 89

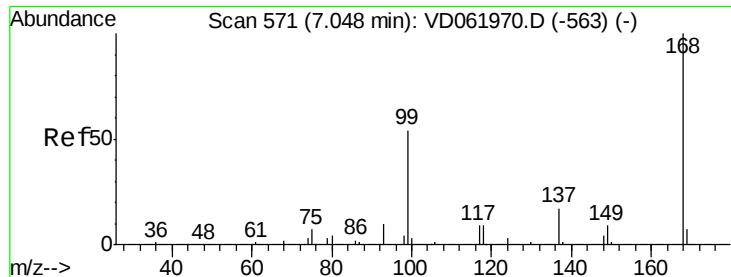
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 23 14:52:55 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.01 min

Lab File: VD062009.D

Acq: 24 Apr 2019 20:50

Instrument :

MSVOA_D

ClientSampleId :

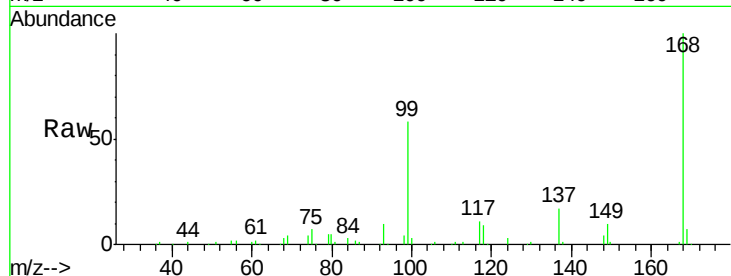
TP-14-2

Tot Ion:168 Resp: 470098

Ion Ratio Lower Upper

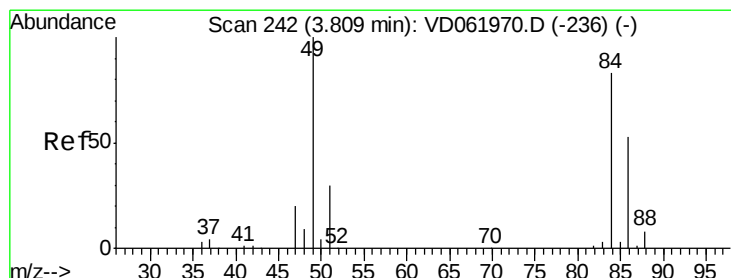
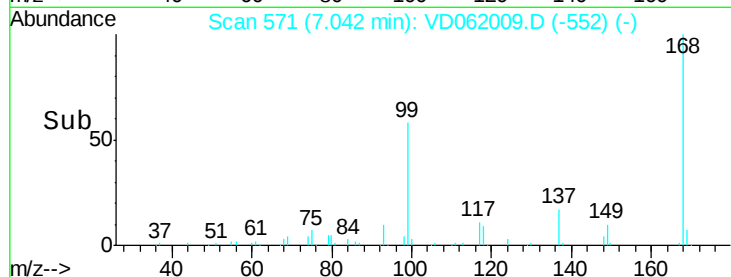
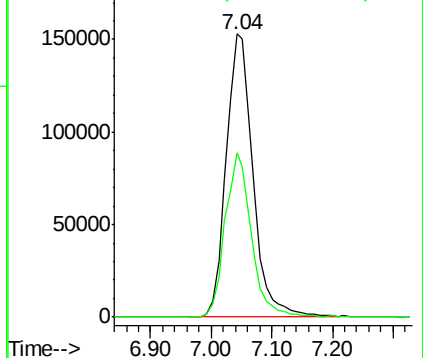
168 100

99 57.9 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 2.853 ug/l

RT: 3.81 min Scan# 243

Delta R.T. -0.01 min

Lab File: VD062009.D

Acq: 24 Apr 2019 20:50

Tgt Ion: 84 Resp: 25063

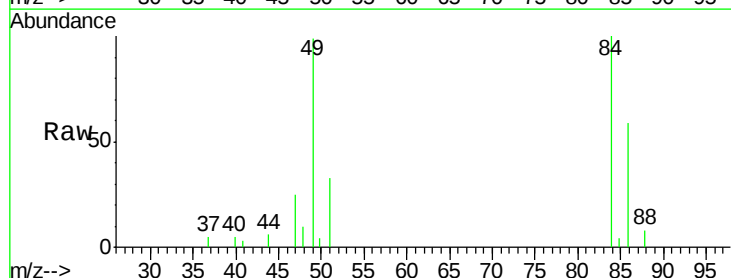
Ion Ratio Lower Upper

84 100

49 99.0 94.0 141.0

51 33.0 29.0 43.4

86 58.9 49.8 74.6

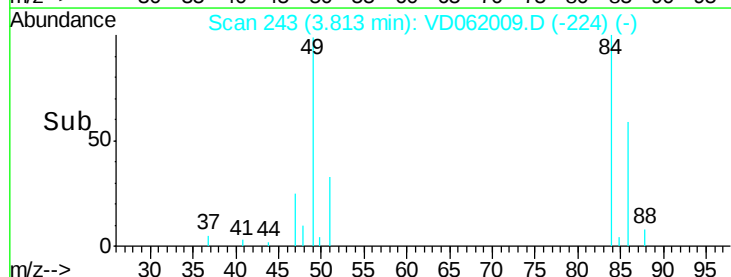
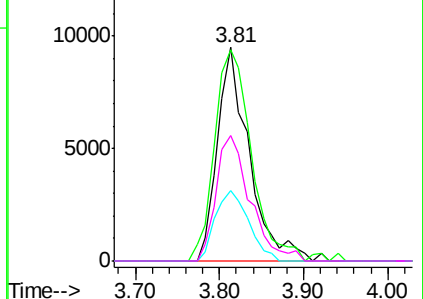


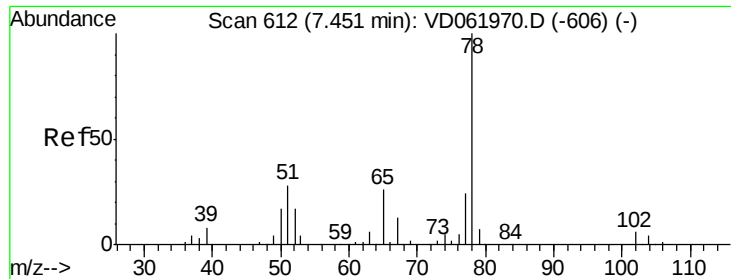
Abundance Ion 83.95 (83.65 to 84.65): VDC

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





#33

1,2-Dichloroethane-d4

Concen: 56.182 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD062009.D

Acq: 24 Apr 2019 20:50

Instrument :

MSVOA_D

ClientSampled :

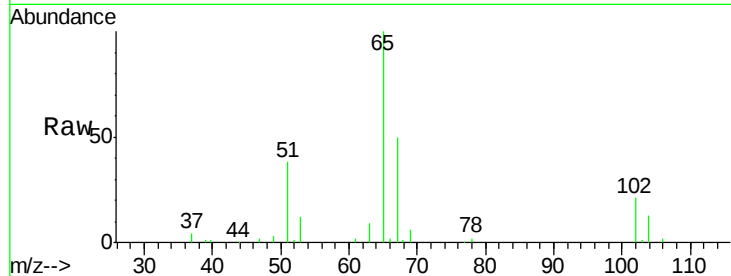
TP-14-2

Tot Ion: 65 Resp: 206707

Ion Ratio Lower Upper

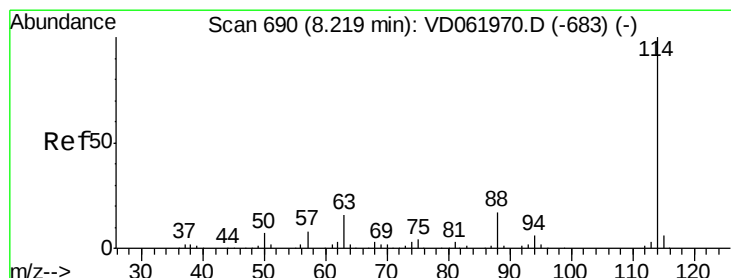
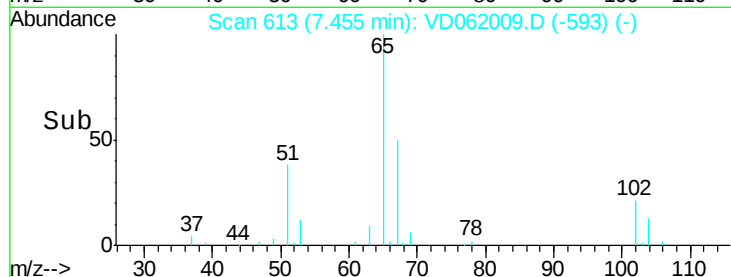
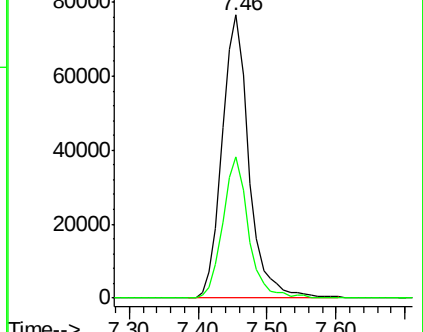
65 100

67 50.0 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: VD062009.D

Acq: 24 Apr 2019 20:50

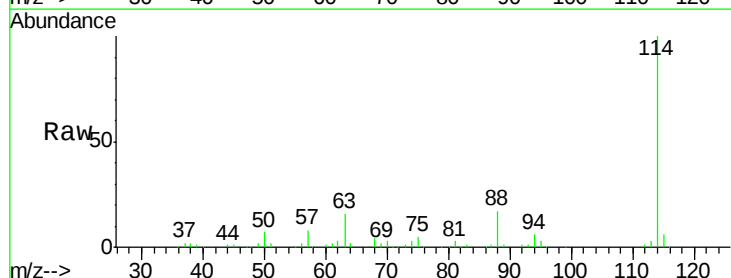
Tgt Ion: 114 Resp: 765519

Ion Ratio Lower Upper

114 100

63 16.4 0.0 32.4

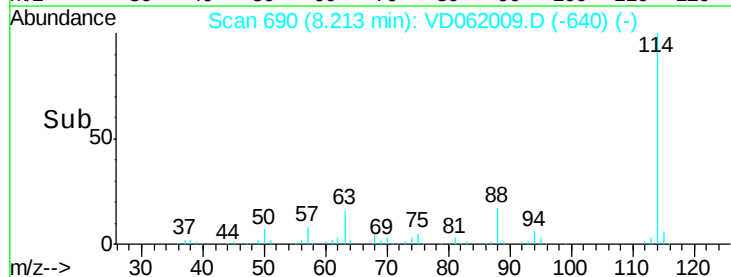
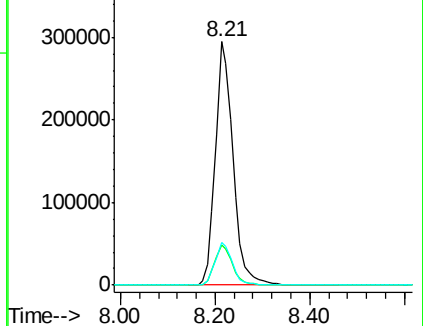
88 17.5 0.0 33.6

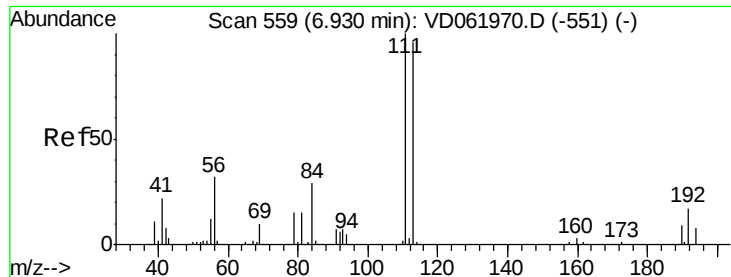


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 58.194 ug/l

RT: 6.92 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD062009.D

Acq: 24 Apr 2019 20:50

Instrument :

MSVOA_D

ClientSampleId :

TP-14-2

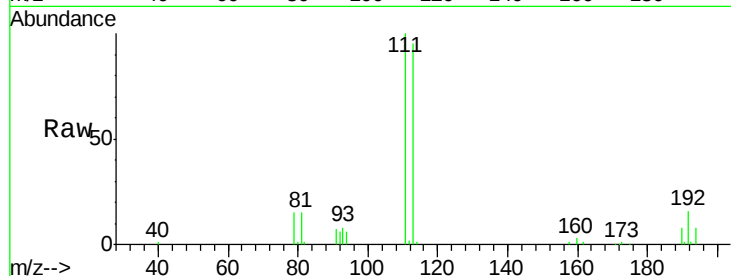
Tot Ion:113 Resp: 308096

Ion Ratio Lower Upper

113 100

111 105.5 78.5 117.7

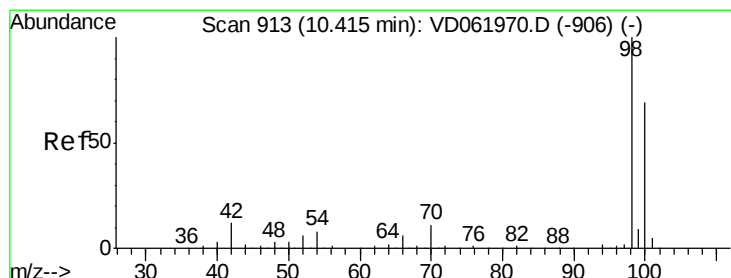
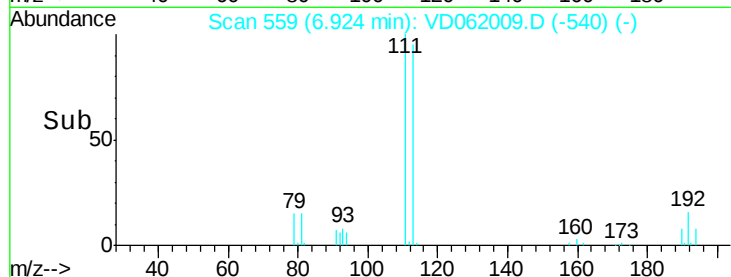
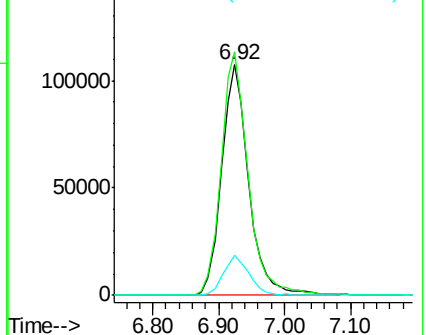
192 17.4 13.0 19.4



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: 50.179 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD062009.D

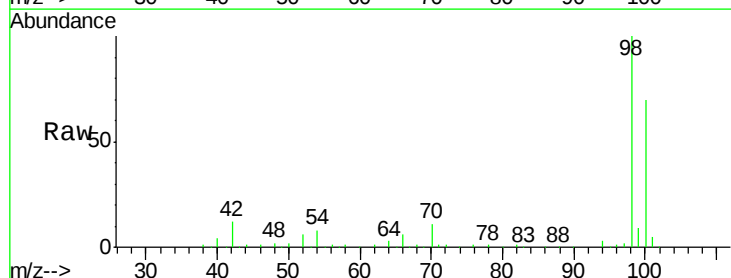
Acq: 24 Apr 2019 20:50

Tgt Ion: 98 Resp: 632147

Ion Ratio Lower Upper

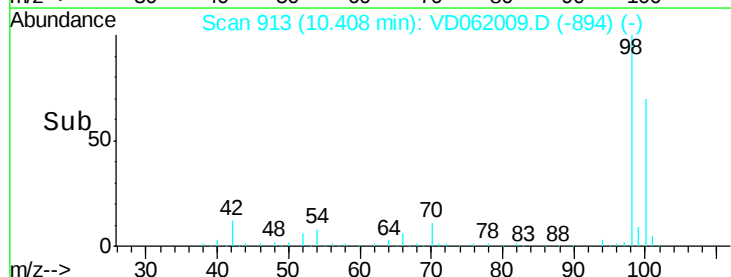
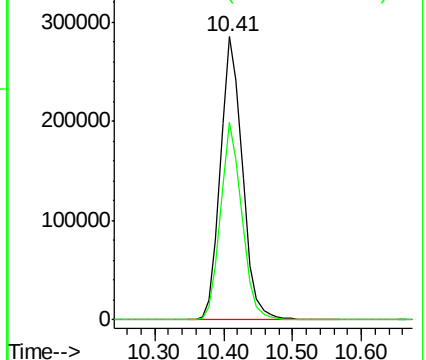
98 100

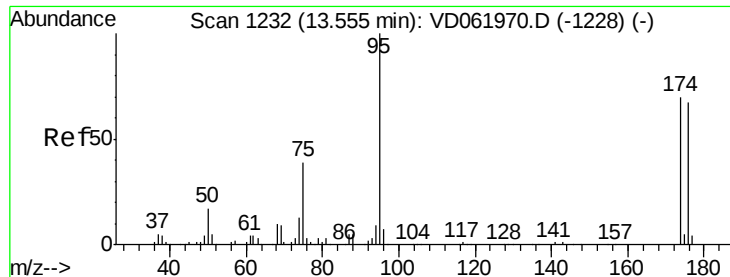
100 69.8 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

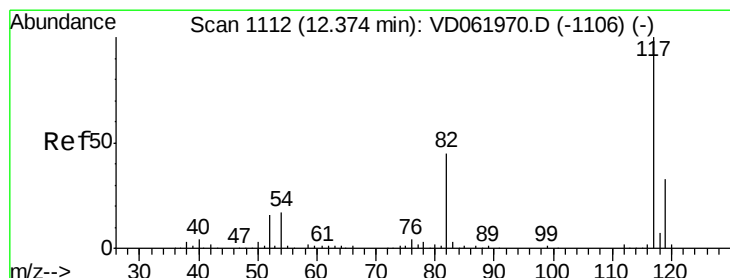
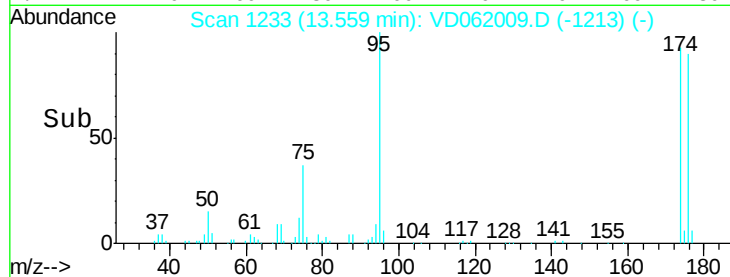
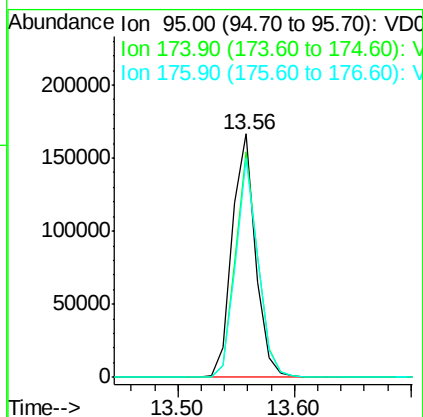
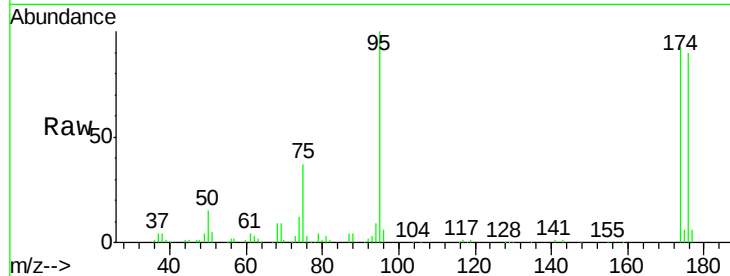




#62
4-Bromofluorobenzene
Concen: 45.754 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VD062009.D
Acq: 24 Apr 2019 20:50

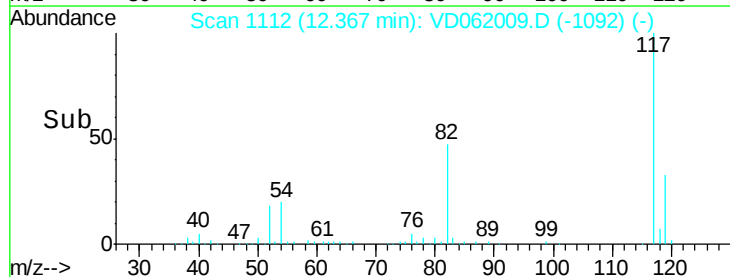
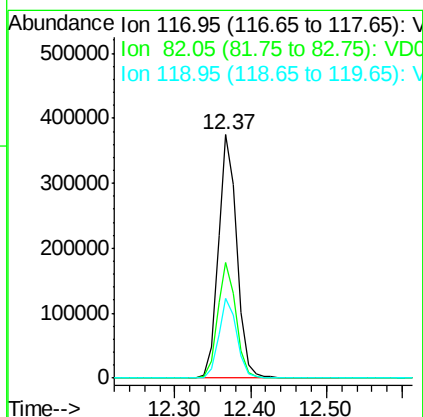
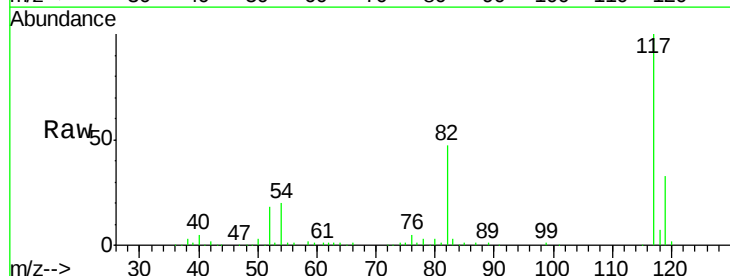
Instrument :
MSVOA_D
ClientSampleId :
TP-14-2

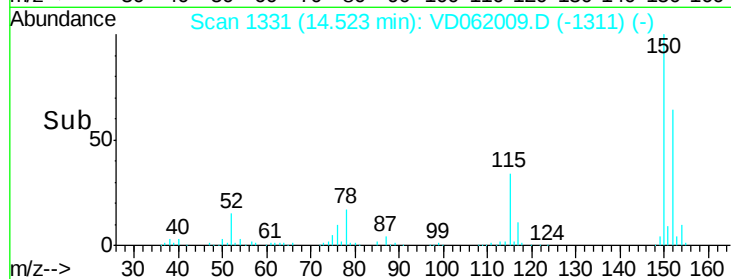
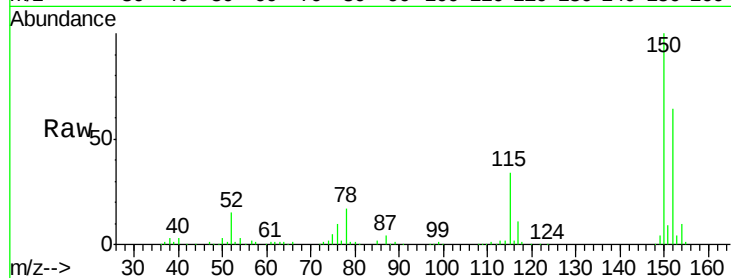
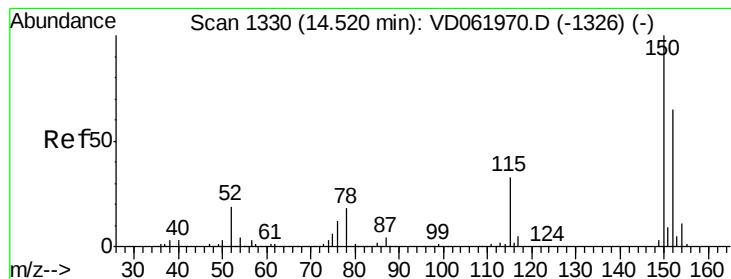
Tot Ion: 95 Resp: 231190
Ion Ratio Lower Upper
95 100
174 92.5 0.0 181.8
176 90.0 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062009.D
Acq: 24 Apr 2019 20:50

Tgt Ion: 117 Resp: 639653
Ion Ratio Lower Upper
117 100
82 47.4 36.2 54.2
119 32.9 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: VD062009.D

Acq: 24 Apr 2019 20:50

Instrument :

MSVOA_D

ClientSampleId :

TP-14-2

Tot Ion:152 Resp: 293778

Ion Ratio Lower Upper

152 100

115 52.5 30.9 92.7

150 155.5 0.0 314.8

