

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042419\
 Data File : VD062019.D
 Acq On : 25 Apr 2019 4:28
 Operator : VA/AP
 Sample : K2542-10
 Misc : 5.88g/5ml/MSVOA D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7-2

Quant Time: Apr 25 05:24:26 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

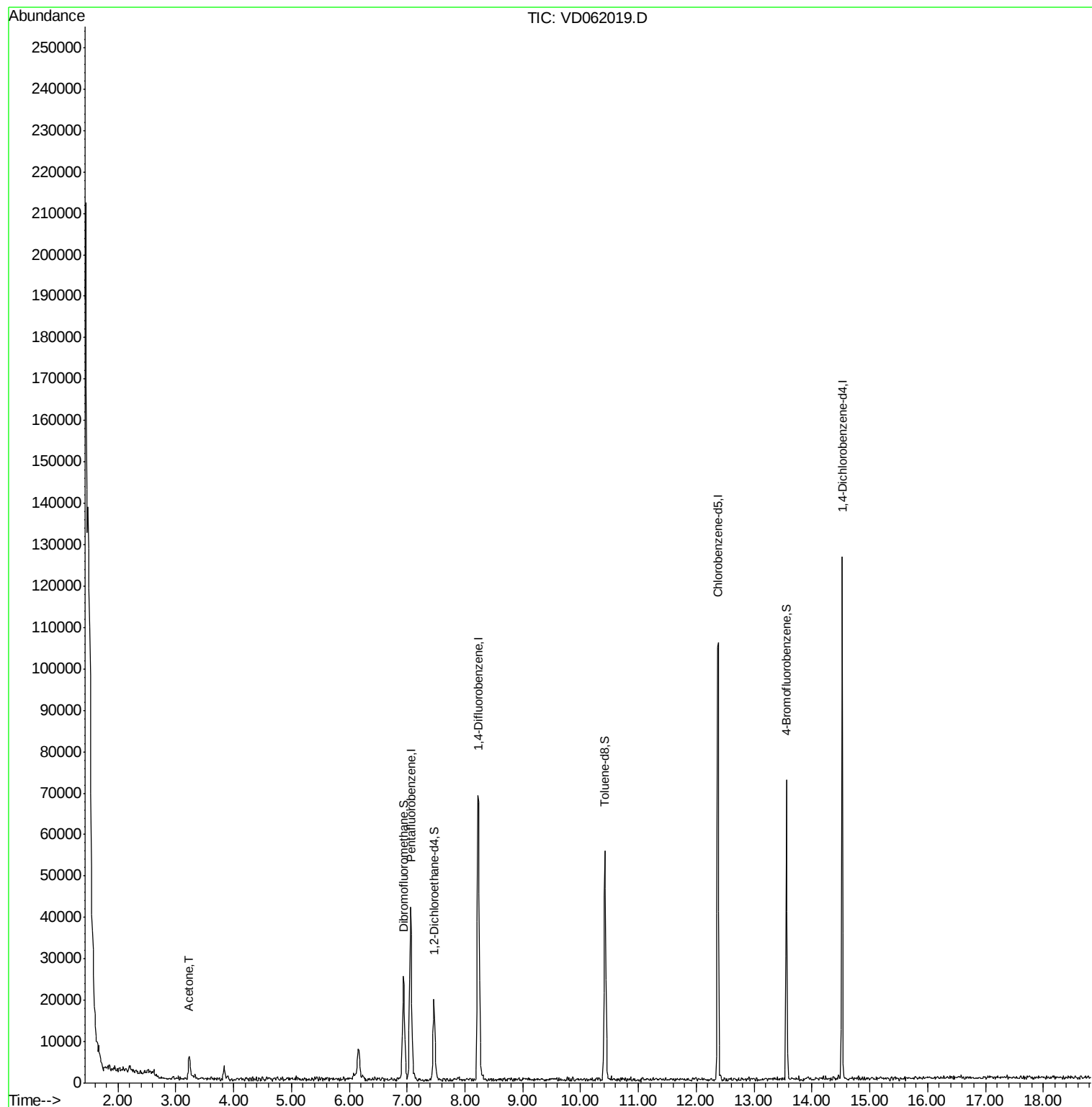
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	45530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	84962	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	70925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	31413	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	20648	57.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.88%	
35) Dibromofluoromethane	6.93	113	25504	43.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.80%	
50) Toluene-d8	10.42	98	51753	37.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.02%	
62) 4-Bromofluorobenzene	13.56	95	21906	39.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.12%	
Target Compounds						
16) Acetone	3.23	43	10575	124.289	ug/l #	Qvalue 88

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.01 min

Lab File: VD062019.D

Acq: 25 Apr 2019 4:28

Instrument :

MSVOA_D

ClientSampleId :

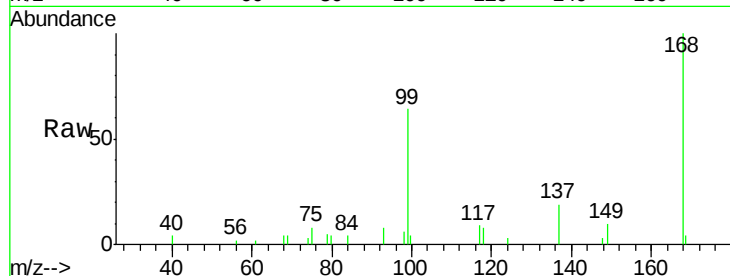
TP-7-2

Tot Ion:168 Resp: 45530

Ion Ratio Lower Upper

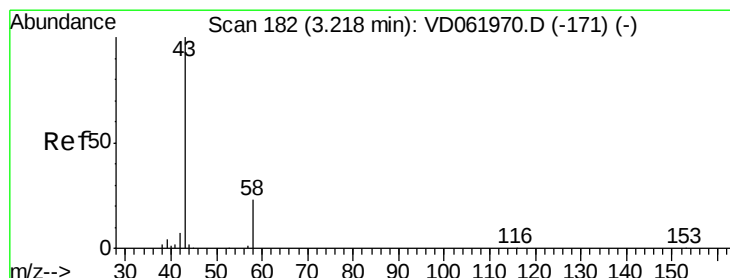
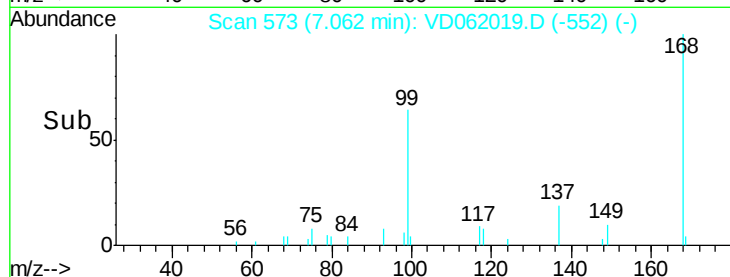
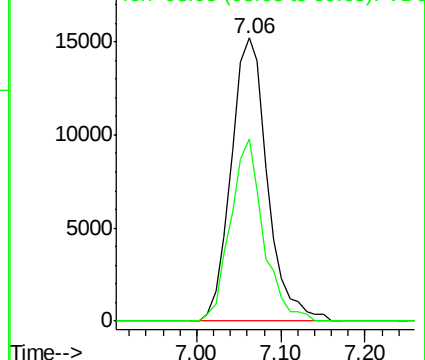
168 100

99 64.4 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 124.289 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD062019.D

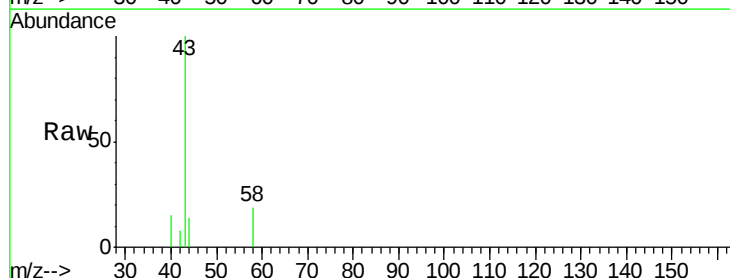
Acq: 25 Apr 2019 4:28

Tgt Ion: 43 Resp: 10575

Ion Ratio Lower Upper

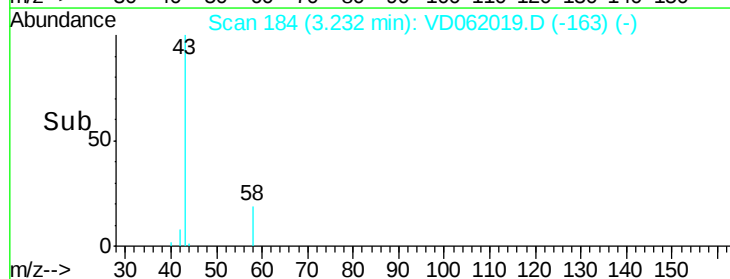
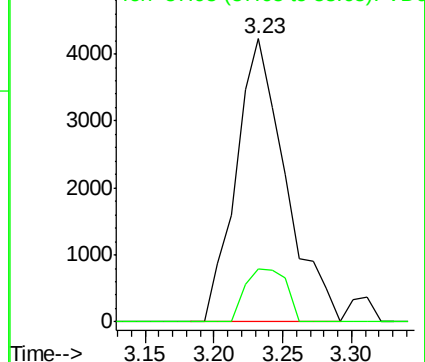
43 100

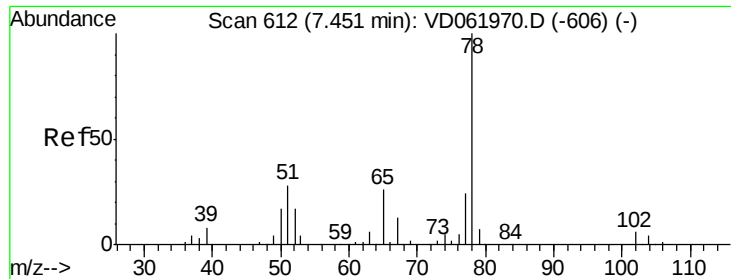
58 18.9 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 57.944 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD062019.D

Acq: 25 Apr 2019 4:28

Instrument :

MSVOA_D

ClientSampleId :

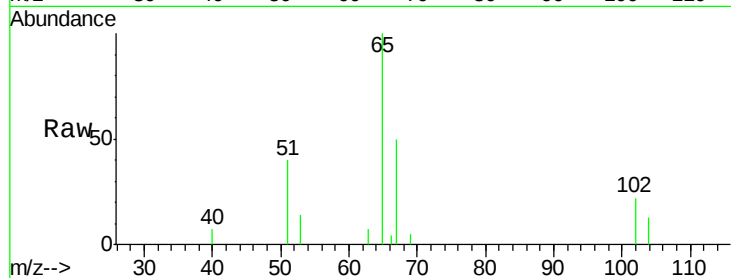
TP-7-2

Tot Ion: 65 Resp: 20648

Ion Ratio Lower Upper

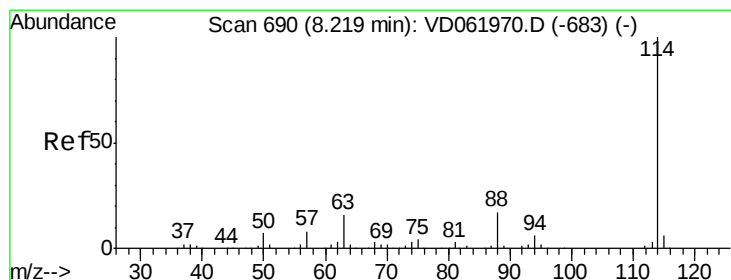
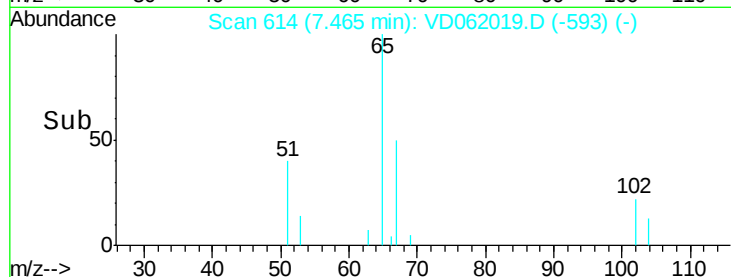
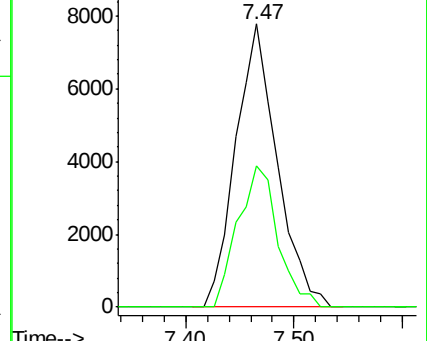
65 100

67 49.8 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: 8.23 min Scan# 692

Delta R.T. 0.01 min

Lab File: VD062019.D

Acq: 25 Apr 2019 4:28

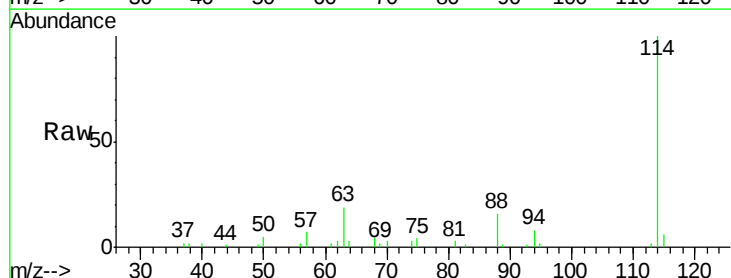
Tgt Ion: 114 Resp: 84962

Ion Ratio Lower Upper

114 100

63 18.8 0.0 32.4

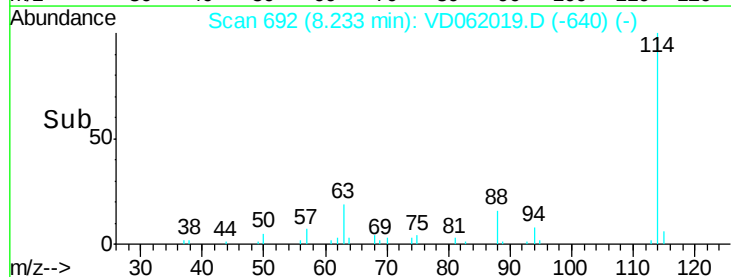
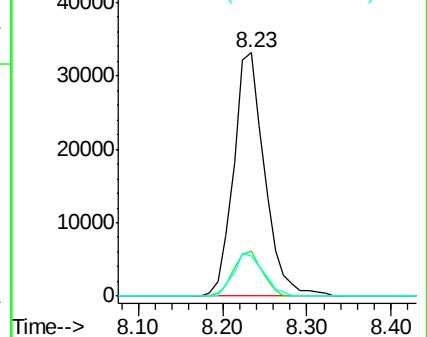
88 16.3 0.0 33.6

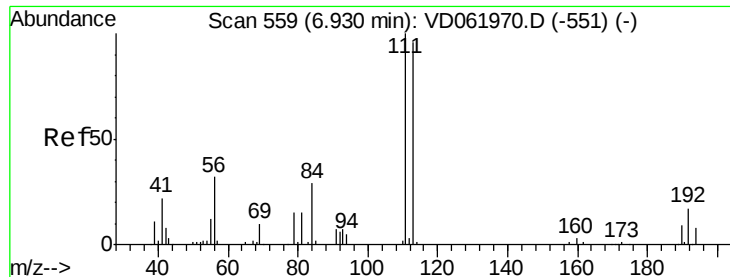


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

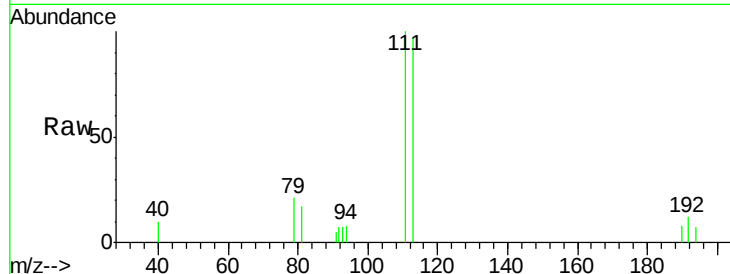




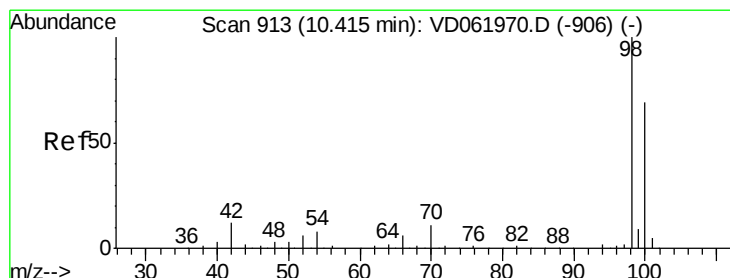
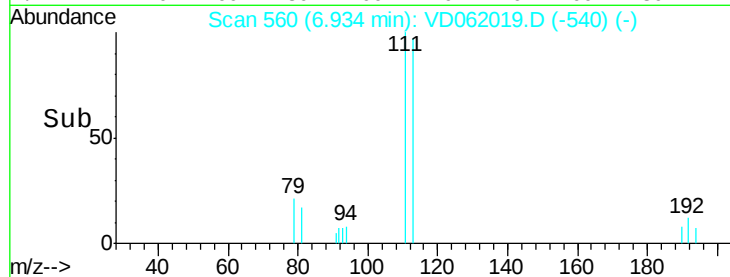
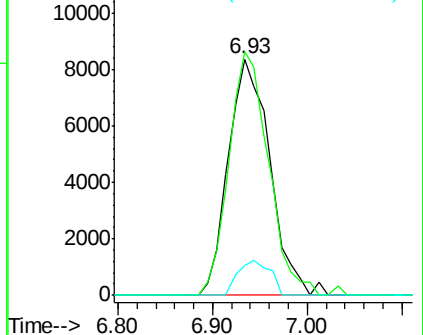
#35
Dibromofluoromethane
Concen: 43.404 ug/l
RT: 6.93 min Scan# 560
Delta R.T. -0.00 min
Lab File: VD062019.D
Acq: 25 Apr 2019 4:28

Instrument :
MSVOA_D
ClientSampleId :
TP-7-2

Tot Ion:113 Resp: 25504
Ion Ratio Lower Upper
113 100
111 103.0 78.5 117.7
192 12.5 13.0 19.4#

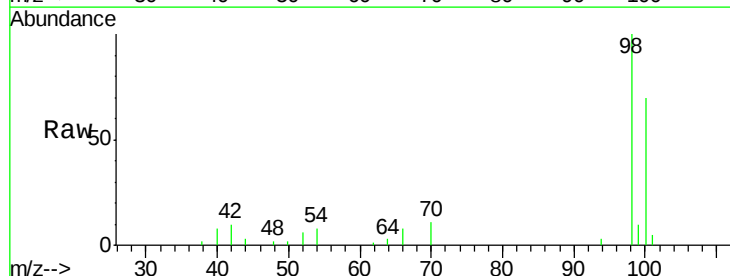


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

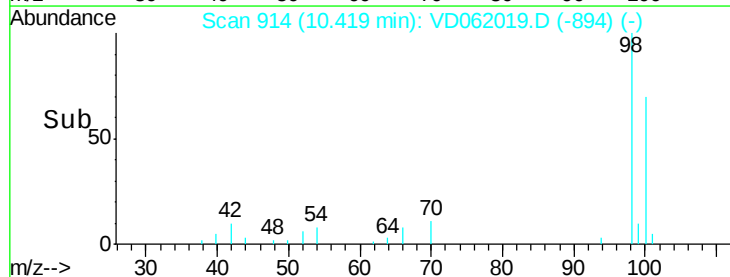
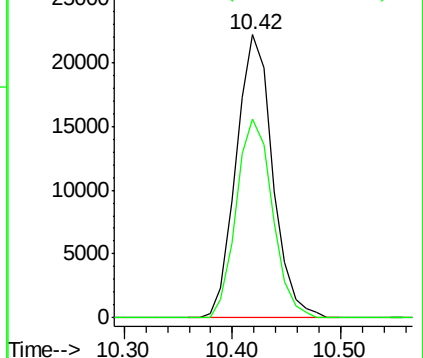


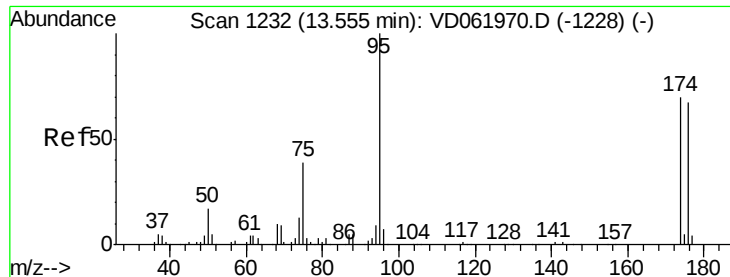
#50
Toluene-d8
Concen: 37.015 ug/l
RT: 10.42 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD062019.D
Acq: 25 Apr 2019 4:28

Tgt Ion: 98 Resp: 51753
Ion Ratio Lower Upper
98 100
100 70.3 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

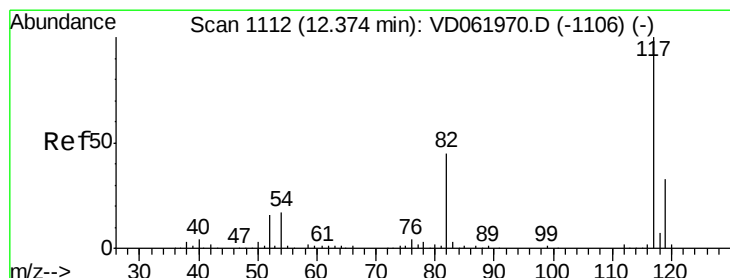
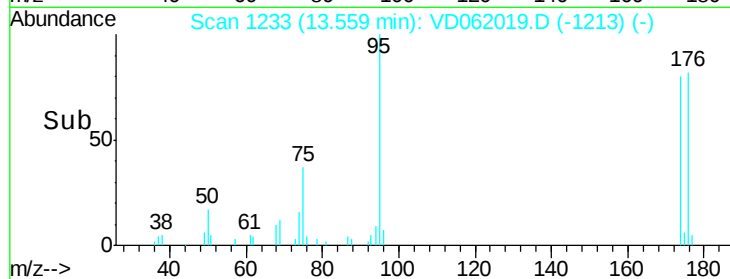
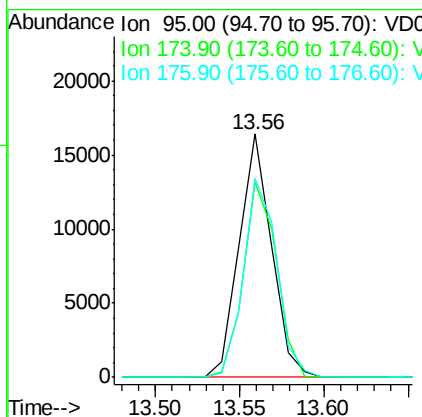
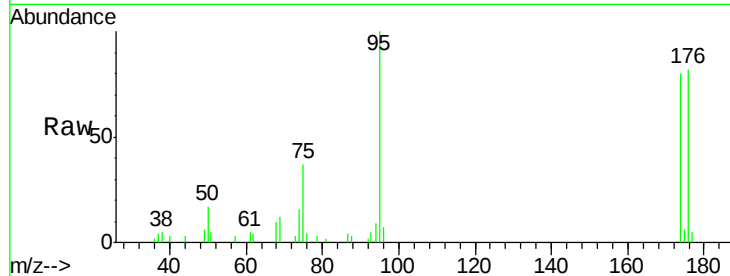




#62
4-Bromofluorobenzene
Concen: 39.062 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VD062019.D
Acq: 25 Apr 2019 4:28

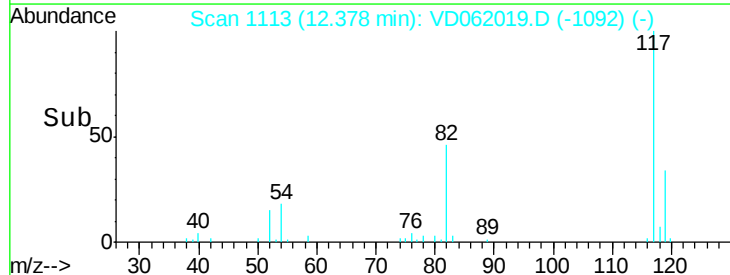
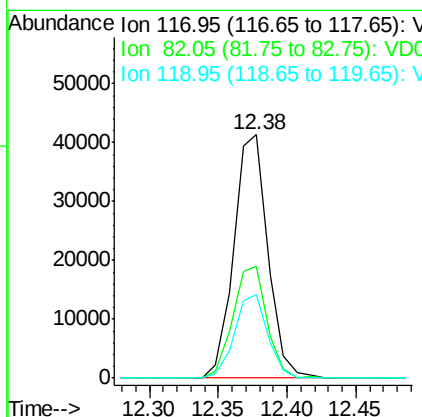
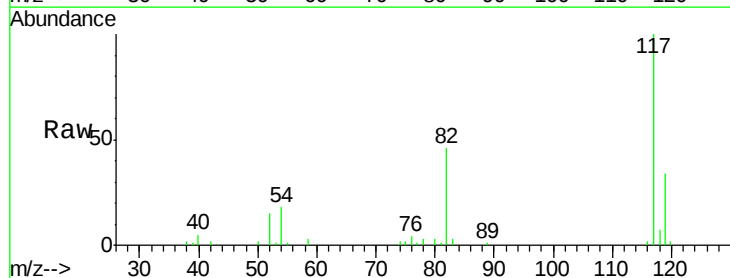
Instrument :
MSVOA_D
ClientSampleId :
TP-7-2

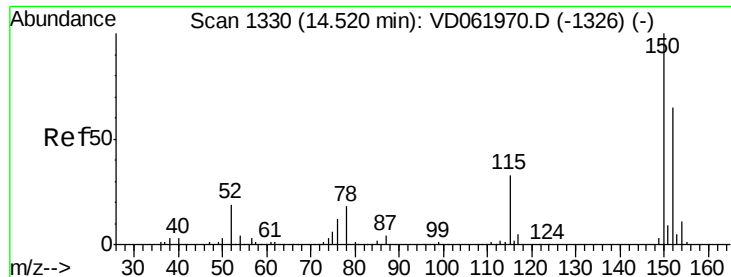
Tot Ion: 95 Resp: 21906
Ion Ratio Lower Upper
95 100
174 80.2 0.0 181.8
176 81.9 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VD062019.D
Acq: 25 Apr 2019 4:28

Tgt Ion: 117 Resp: 70925
Ion Ratio Lower Upper
117 100
82 46.0 36.2 54.2
119 34.1 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: VD062019.D

Acq: 25 Apr 2019 4:28

Instrument :

MSVOA_D

ClientSampleId :

TP-7-2

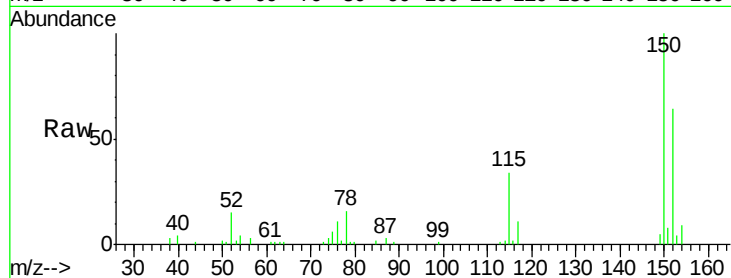
Tot Ion:152 Resp: 31413

Ion Ratio Lower Upper

152 100

115 53.1 30.9 92.7

150 157.4 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

