

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041219\
 Data File : VD061778.D
 Acq On : 12 Apr 2019 15:08
 Operator : VA/AP
 Sample : K2203-05RE
 Misc : 6.32g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-040919-ARE

Quant Time: Apr 12 17:15:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

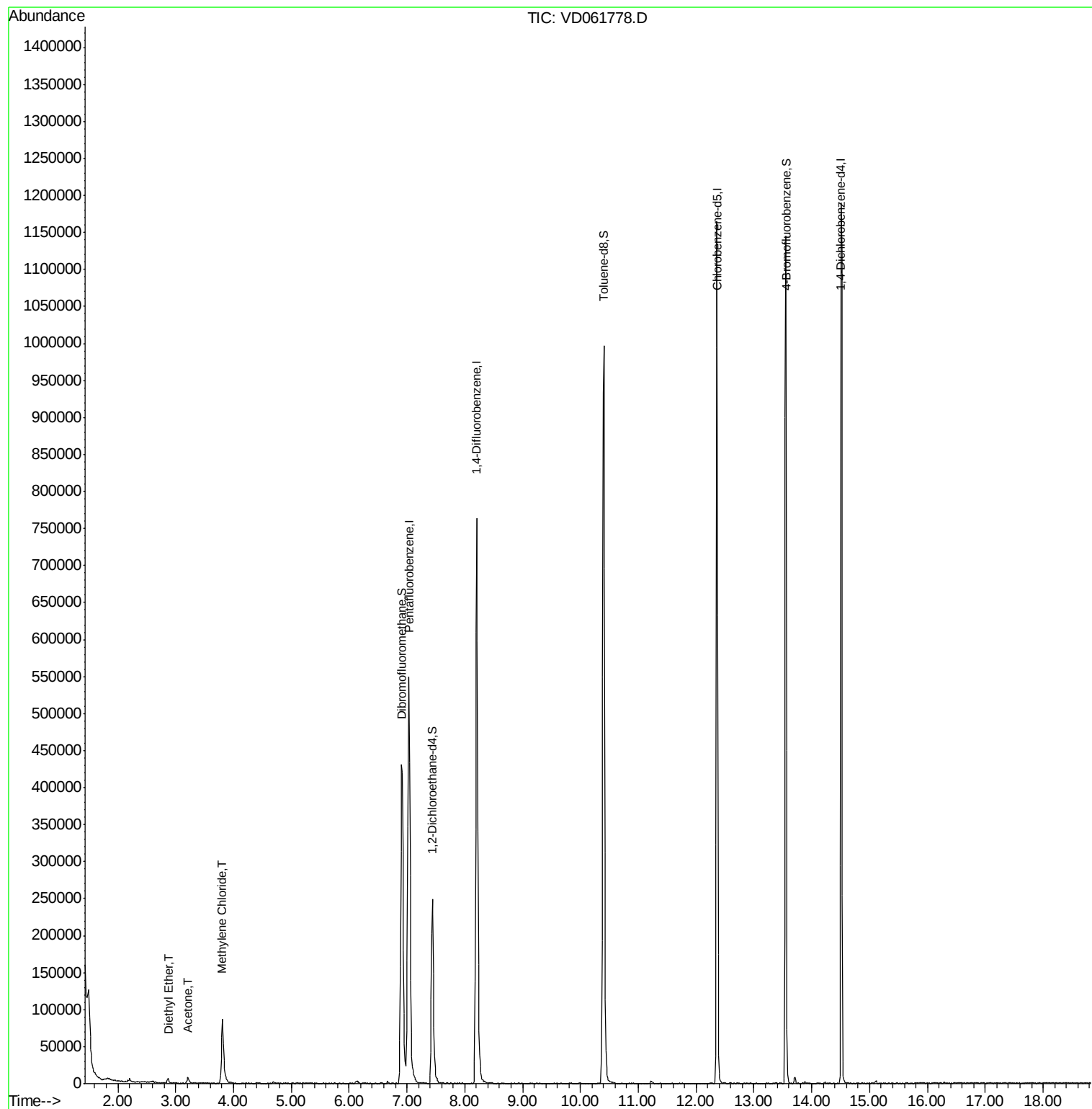
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	569705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	899996	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	744815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	310010	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	258689	59.90	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	119.80%	
35) Dibromofluoromethane	6.91	113	412790	66.21	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	132.42%	
50) Toluene-d8	10.40	98	900966	57.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.04%	
62) 4-Bromofluorobenzene	13.55	95	368046	74.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	148.08%	
Target Compounds						
8) Diethyl Ether	2.87	74	2676	1.361	ug/l	85
16) Acetone	3.21	43	15536	12.035	ug/l	96
20) Methylene Chloride	3.81	84	65121	8.890	ug/l	97

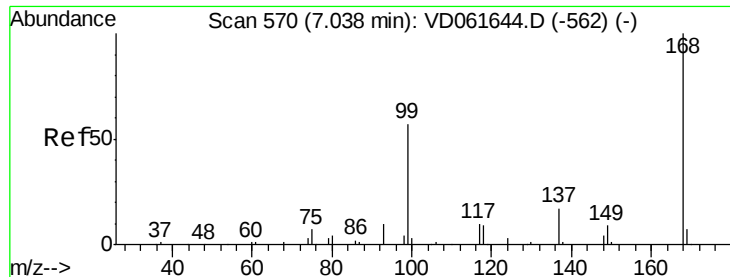
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD061778.D

Acq: 12 Apr 2019 15:08

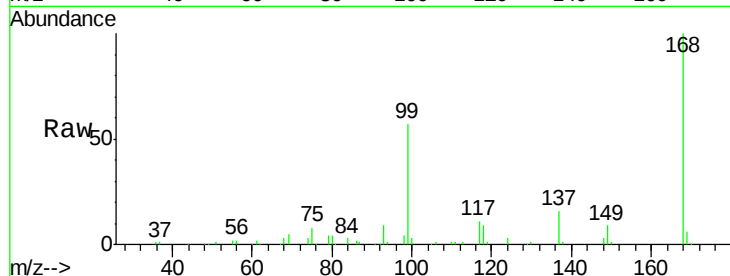
Instrument :
MSVOA_D
ClientSampleId :
SU-04-040919-ARE

Tot Ion:168 Resp: 569705

Ion Ratio Lower Upper

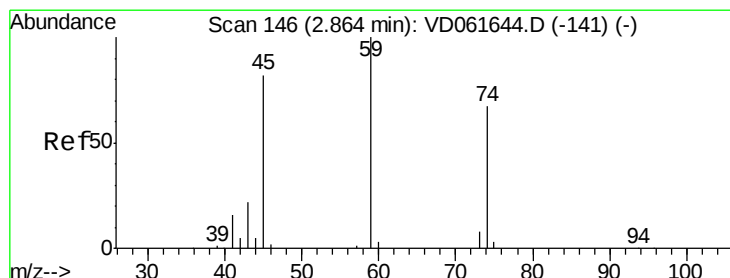
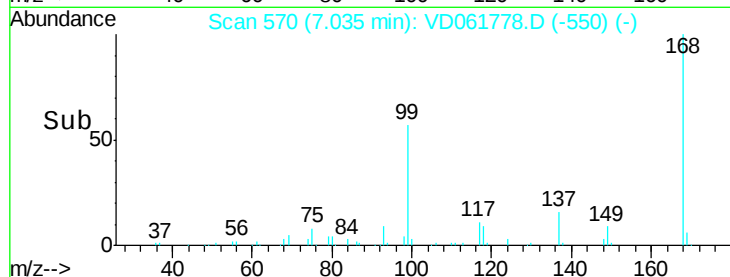
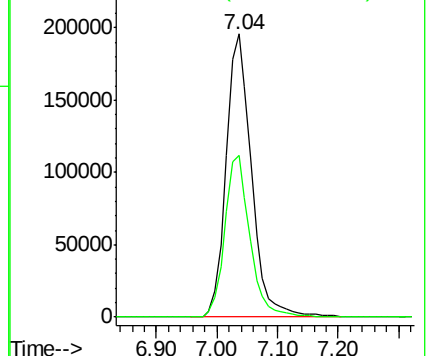
168 100

99 57.2 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#8

Diethyl Ether

Concen: 1.361 ug/l

RT: 2.87 min Scan# 147

Delta R.T. 0.01 min

Lab File: VD061778.D

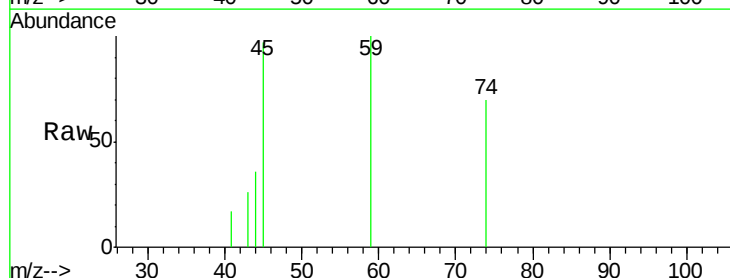
Acq: 12 Apr 2019 15:08

Tgt Ion: 74 Resp: 2676

Ion Ratio Lower Upper

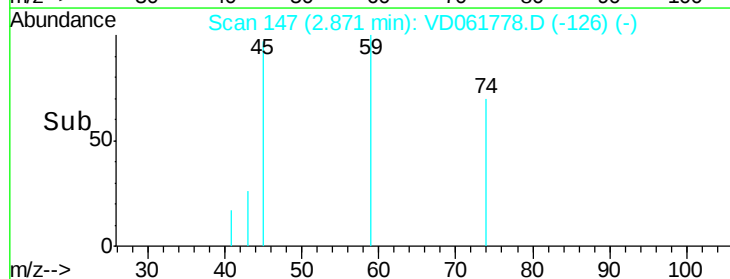
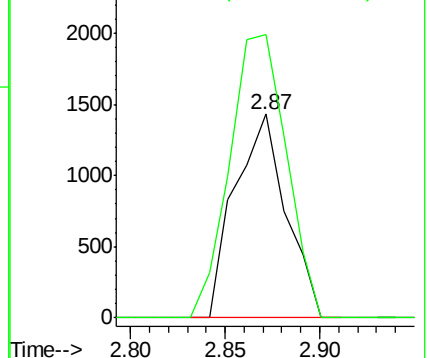
74 100

45 138.8 61.0 183.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC





#16

Acetone

Concen: 12.035 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD061778.D

Acq: 12 Apr 2019 15:08

Instrument :

MSVOA_D

ClientSampleId :

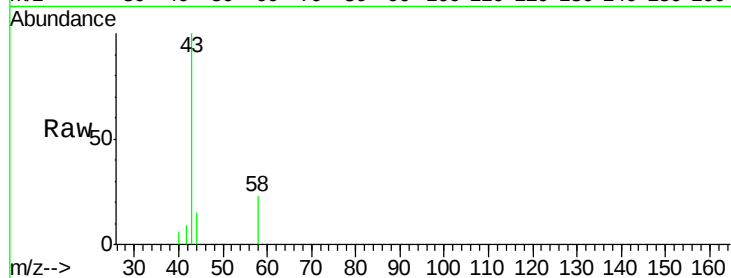
SU-04-040919-ARE

Tot Ion: 43 Resp: 15536

Ion Ratio Lower Upper

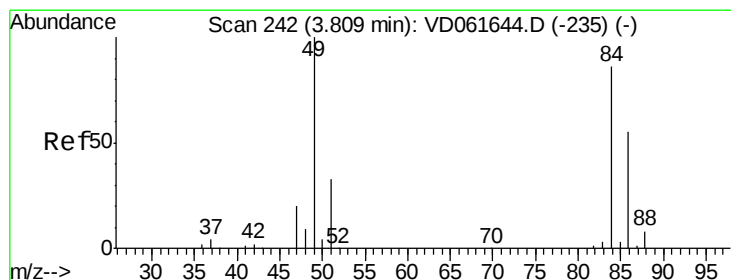
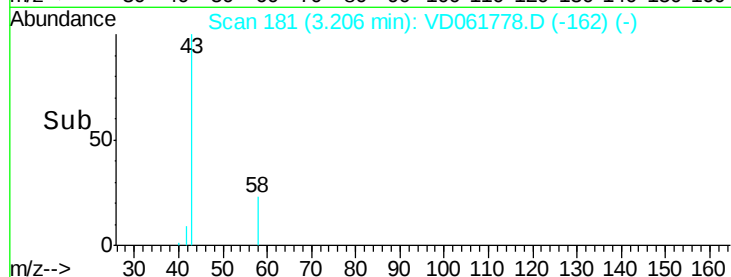
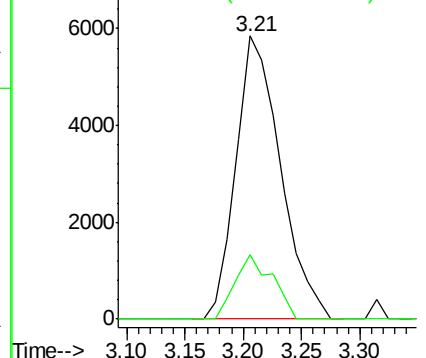
43 100

58 22.6 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 8.890 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.00 min

Lab File: VD061778.D

Acq: 12 Apr 2019 15:08

Tgt Ion: 84 Resp: 65121

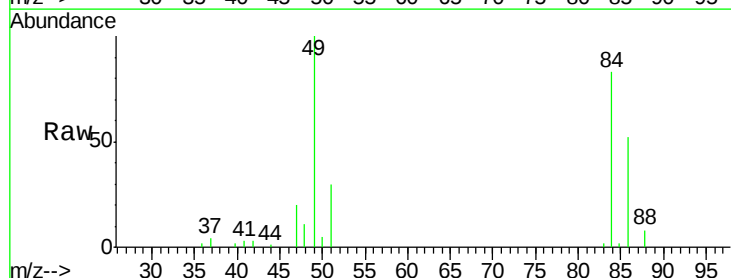
Ion Ratio Lower Upper

84 100

49 120.5 93.0 139.4

51 36.7 30.4 45.6

86 62.1 51.0 76.4

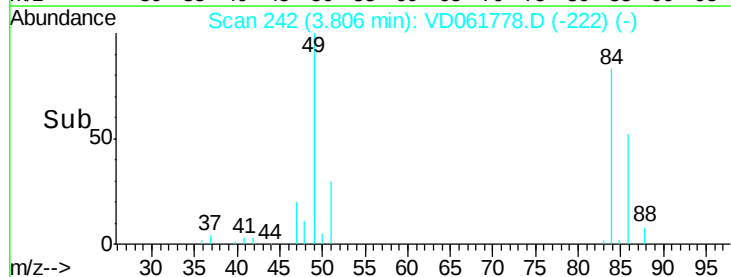
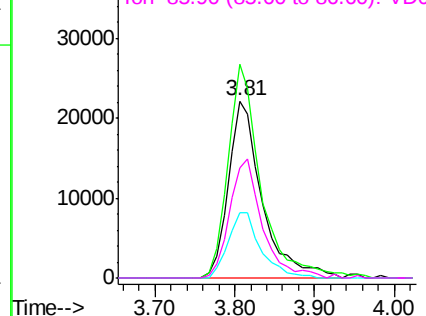


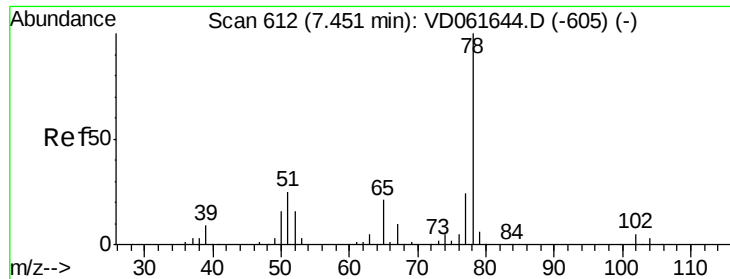
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD061778.D

Acq: 12 Apr 2019 15:08

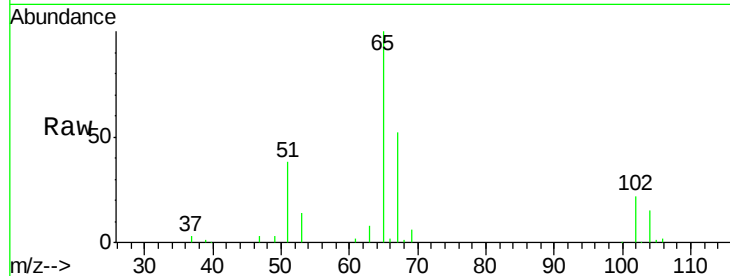
Instrument :
MSVOA_D
ClientSampleId :
SU-04-040919-ARE

Tot Ion: 65 Resp: 258689

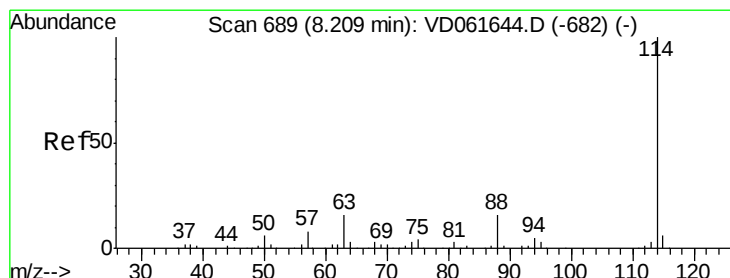
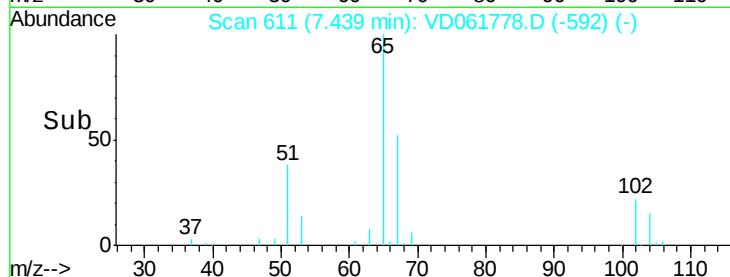
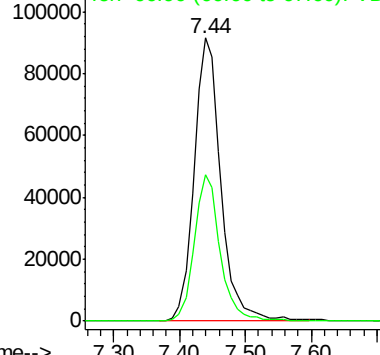
Ion Ratio Lower Upper

65 100

67 51.6 0.0 99.4



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# 689

Delta R.T. -0.00 min

Lab File: VD061778.D

Acq: 12 Apr 2019 15:08

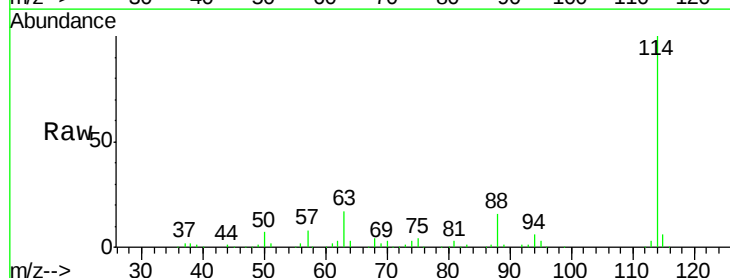
Tgt Ion: 114 Resp: 899996

Ion Ratio Lower Upper

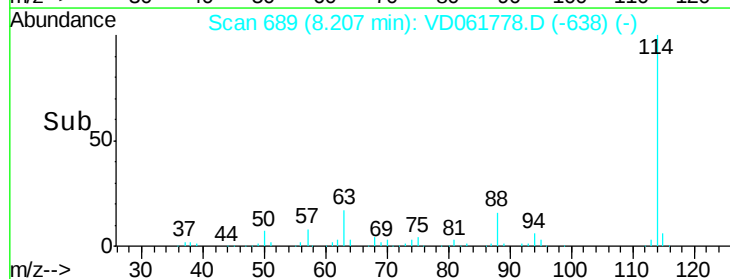
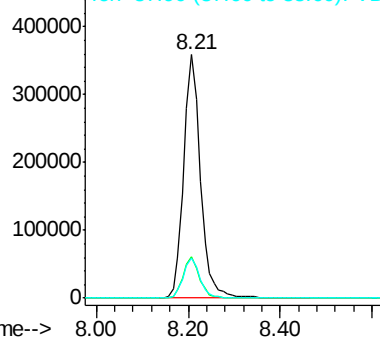
114 100

63 16.8 0.0 31.2

88 16.4 0.0 31.8



Abundance Ion 114.00 (113.70 to 114.70): VDC
Ion 62.95 (62.65 to 63.65): VDC
Ion 87.90 (87.60 to 88.60): VDC

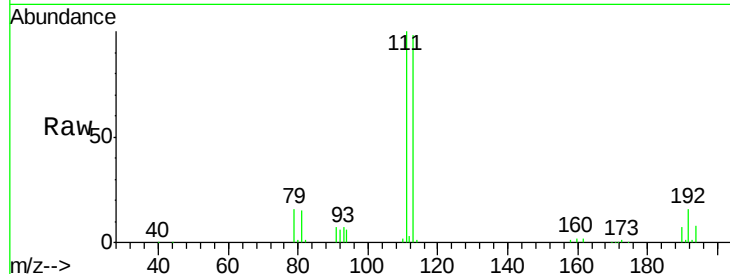




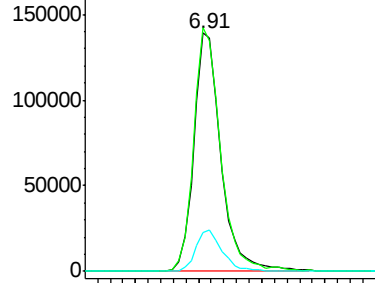
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: VD061778.D
 Acq: 12 Apr 2019 15:08

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-040919-ARE

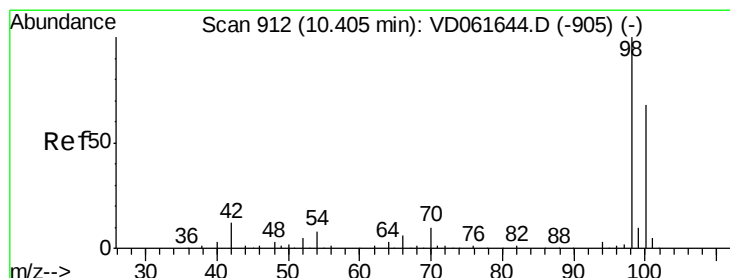
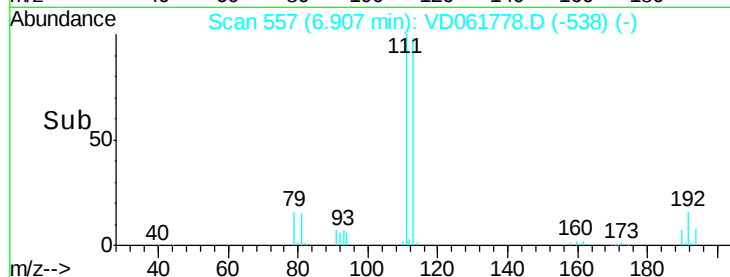
Tot Ion:113 Resp: 412790
 Ion Ratio Lower Upper
 113 100
 111 102.3 79.3 118.9
 192 16.4 12.3 18.5



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

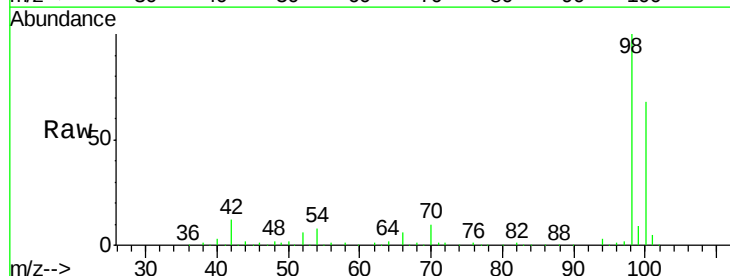


Time-->

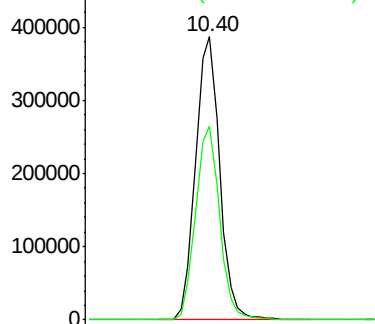


#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.40 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: VD061778.D
 Acq: 12 Apr 2019 15:08

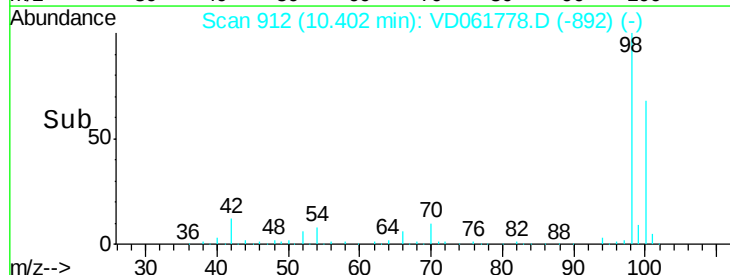
Tgt Ion: 98 Resp: 900966
 Ion Ratio Lower Upper
 98 100
 100 68.4 55.4 83.0

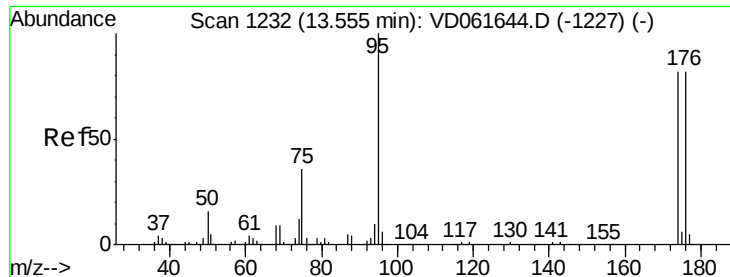


Abundance Ion 98.05 (97.75 to 98.75): VDC
 Ion 100.05 (99.75 to 100.75): VDC



Time-->

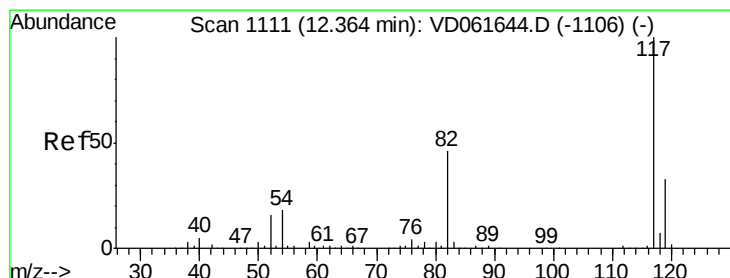
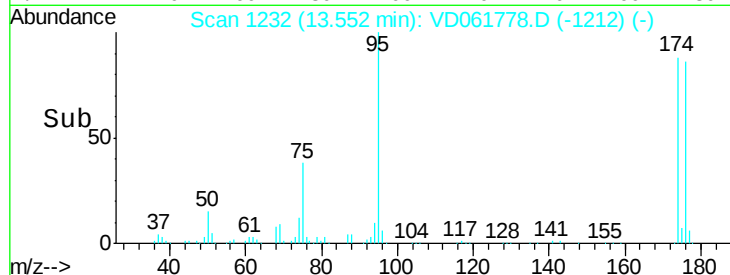
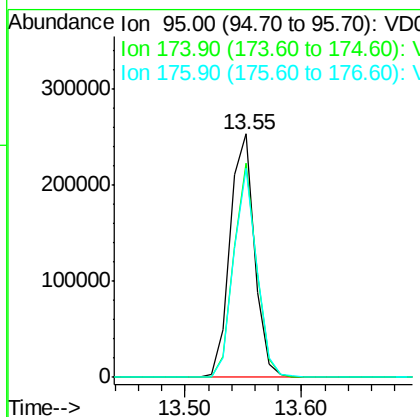
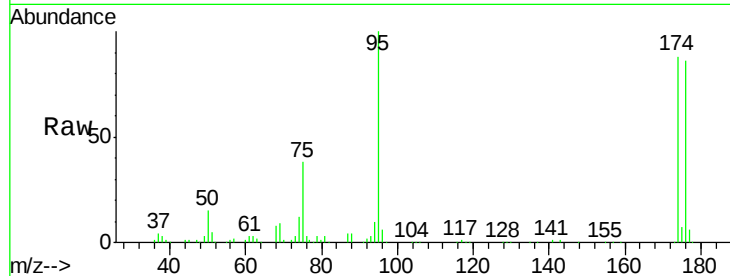




#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VD061778.D
 Acq: 12 Apr 2019 15:08

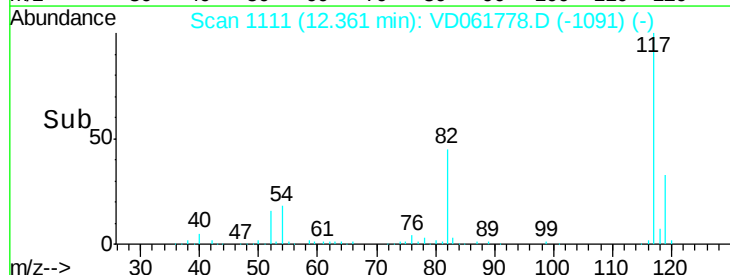
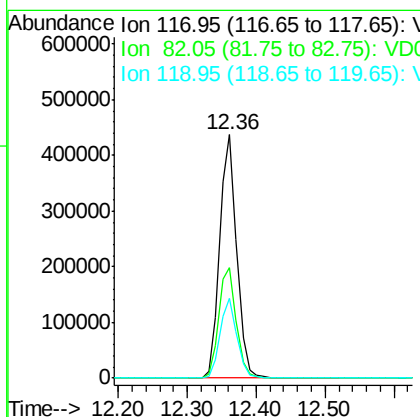
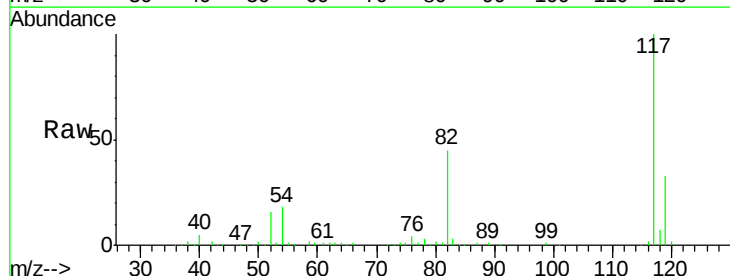
Instrument :
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 SU-04-040919-ARE

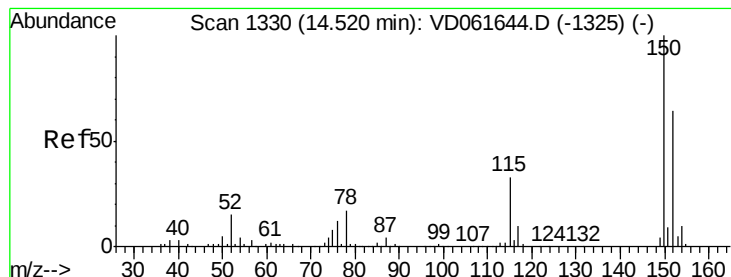
Tot Ion: 95 Resp: 368046
 Ion Ratio Lower Upper
 95 100
 174 87.7 0.0 164.6
 176 85.8 0.0 165.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.36 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: VD061778.D
 Acq: 12 Apr 2019 15:08

Tgt Ion: 117 Resp: 744815
 Ion Ratio Lower Upper
 117 100
 82 45.4 36.8 55.2
 119 33.0 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD061778.D

Acq: 12 Apr 2019 15:08

Instrument :

MSVOA_D

ClientSampleId :

SU-04-040919-ARE

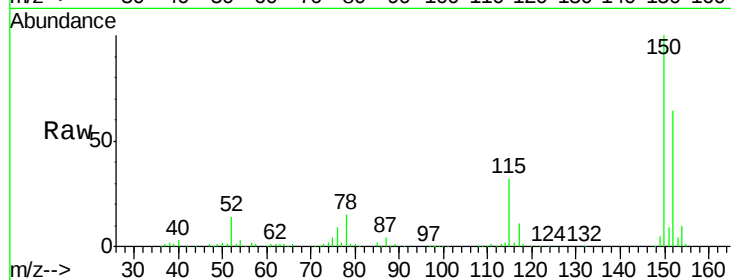
Tot Ion:152 Resp: 310010

Ion Ratio Lower Upper

152 100

115 50.1 26.4 79.2

150 155.6 0.0 320.6



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

