

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031919\
 Data File : VD061189.D
 Acq On : 19 Mar 2019 17:06
 Operator : VA/AP
 Sample : K1935-03RE
 Misc : 3.95g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5(7-8)RE

Quant Time: Mar 20 02:09:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

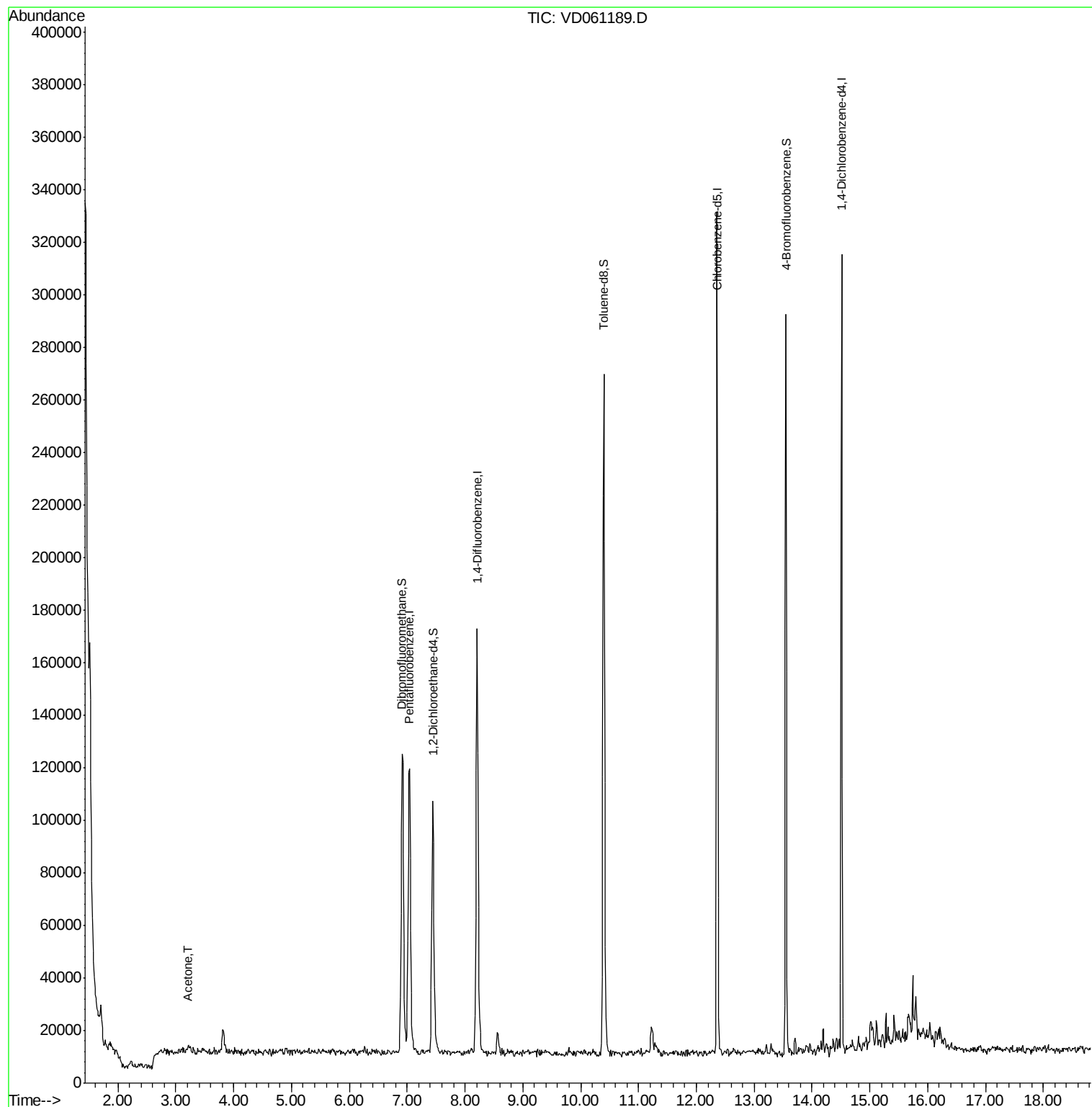
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	118458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	217018	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	198613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	69605	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	95651	97.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	194.02%	
35) Dibromofluoromethane	6.91	113	111857	69.45	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	138.90%	
50) Toluene-d8	10.40	98	227527	56.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.52%	
62) 4-Bromofluorobenzene	13.55	95	85228	54.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.62%	
Target Compounds						
16) Acetone	3.21	43	7287	25.844	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: 7.04 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD061189.D

Acq: 19 Mar 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

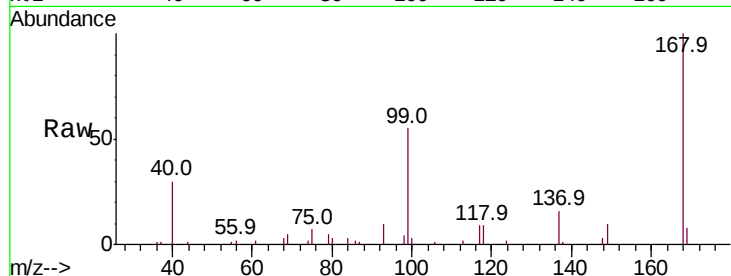
SB-5(7-8)RE

Tot Ion:168 Resp: 118458

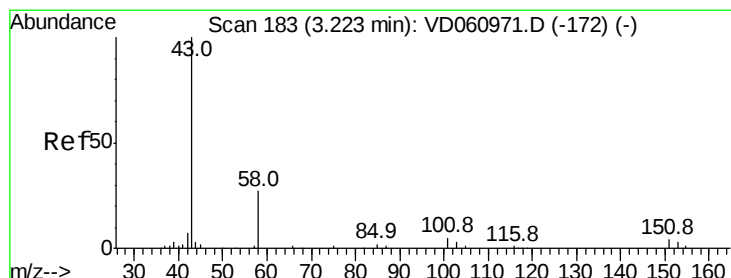
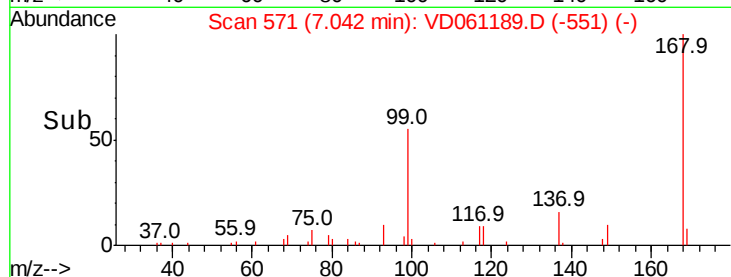
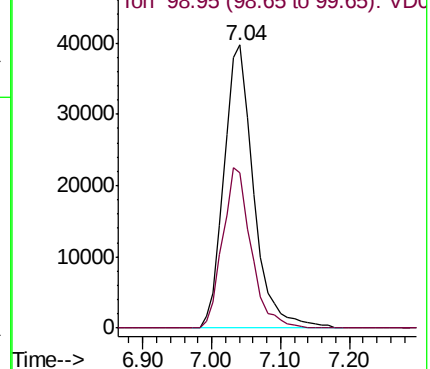
Ion Ratio Lower Upper

168 100

99 54.8 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 25.844 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061189.D

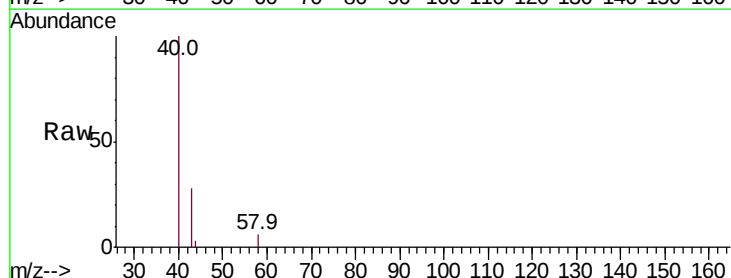
Acq: 19 Mar 2019 17:06

Tgt Ion: 43 Resp: 7287

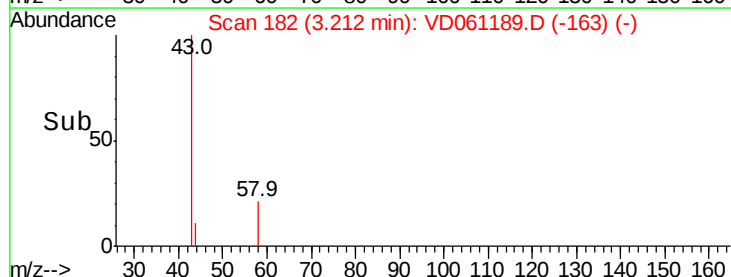
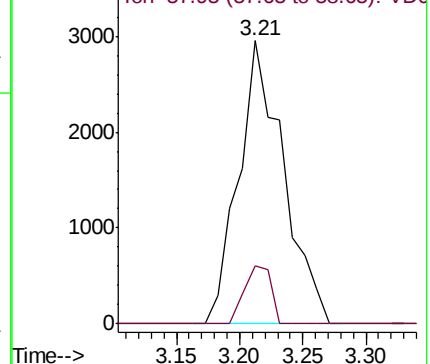
Ion Ratio Lower Upper

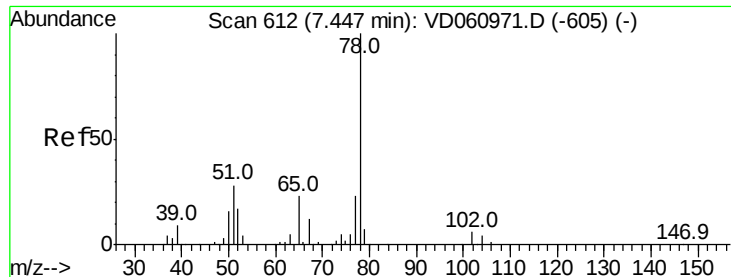
43 100

58 20.7 21.6 32.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.00 min

Lab File: VD061189.D

Acq: 19 Mar 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

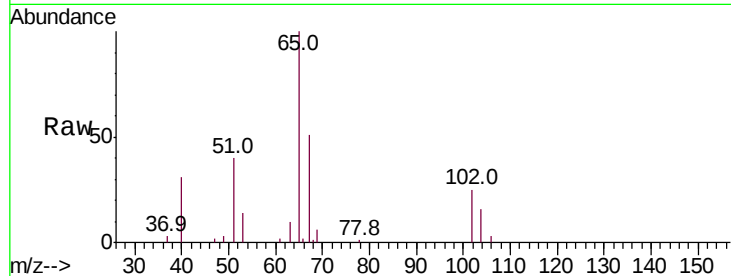
SB-5(7-8)RE

Tot Ion: 65 Resp: 95651

Ion Ratio Lower Upper

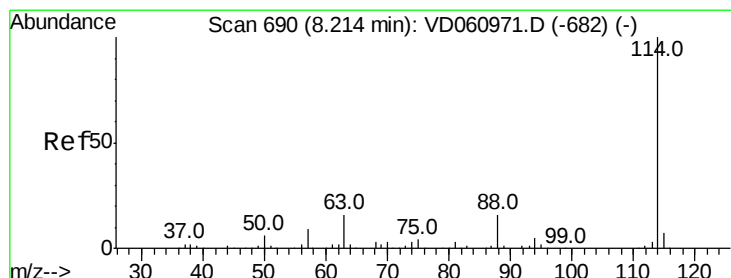
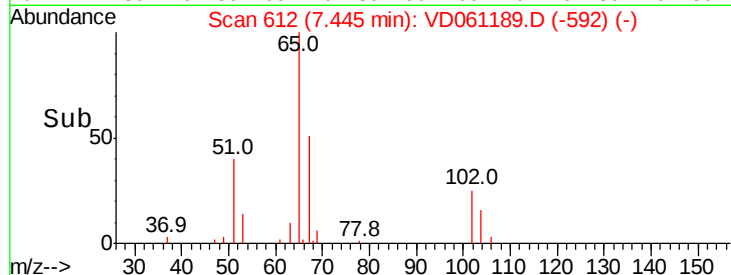
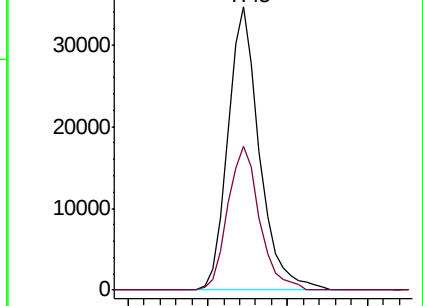
65 100

67 50.9 0.0 105.2



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. -0.00 min

Lab File: VD061189.D

Acq: 19 Mar 2019 17:06

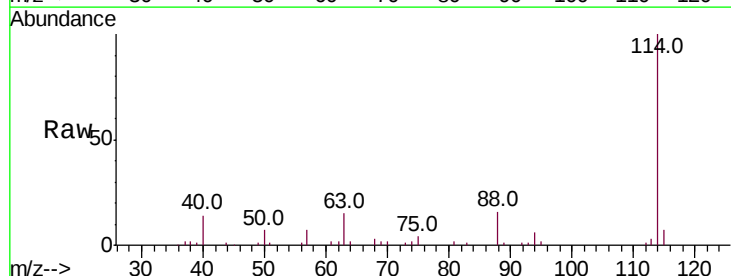
Tgt Ion: 114 Resp: 217018

Ion Ratio Lower Upper

114 100

63 14.8 0.0 31.4

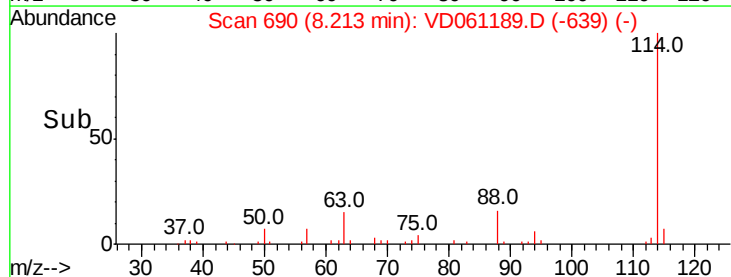
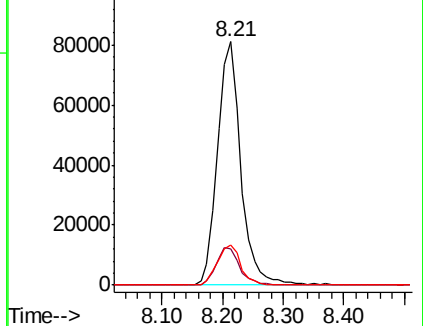
88 16.3 0.0 33.0

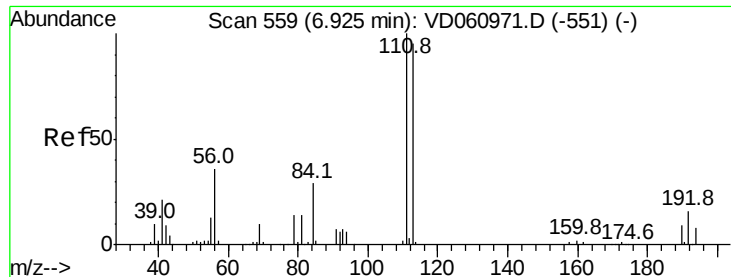


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.91 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD061189.D

Acq: 19 Mar 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

SB-5(7-8)RE

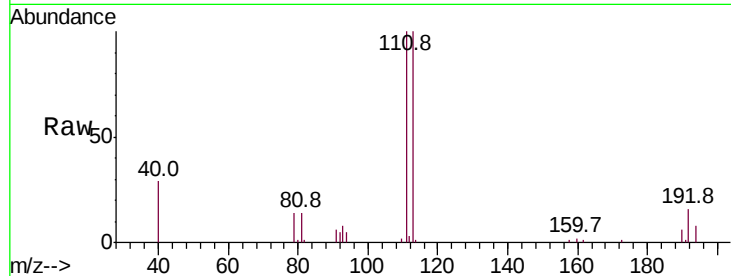
Tot Ion:113 Resp: 111857

Ion Ratio Lower Upper

113 100

111 99.5 84.2 126.4

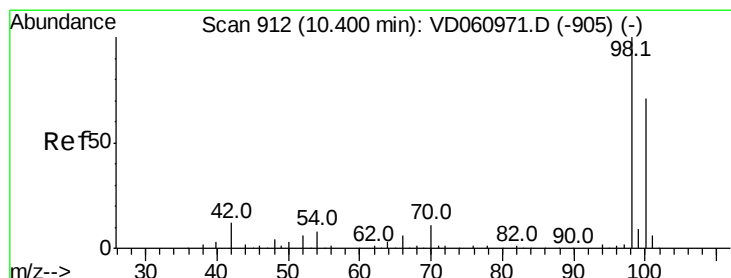
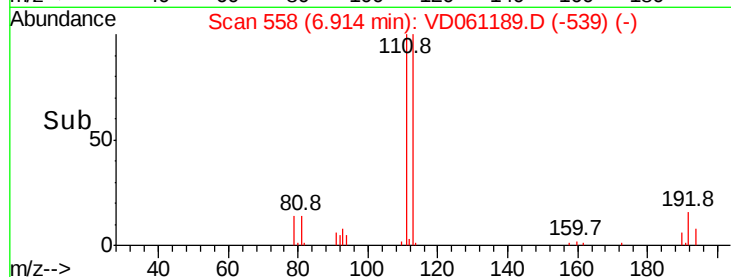
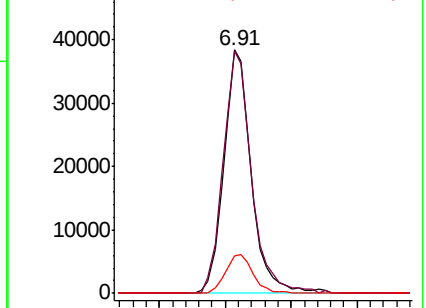
192 15.7 13.1 19.7



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: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD061189.D

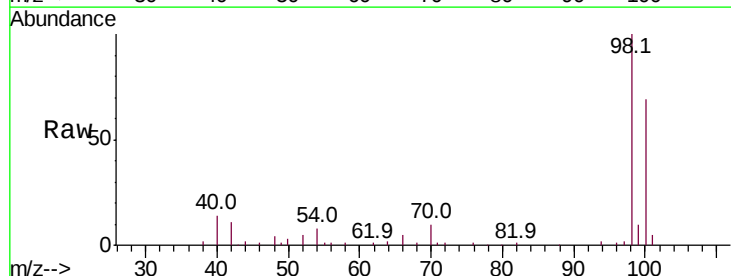
Acq: 19 Mar 2019 17:06

Tgt Ion: 98 Resp: 227527

Ion Ratio Lower Upper

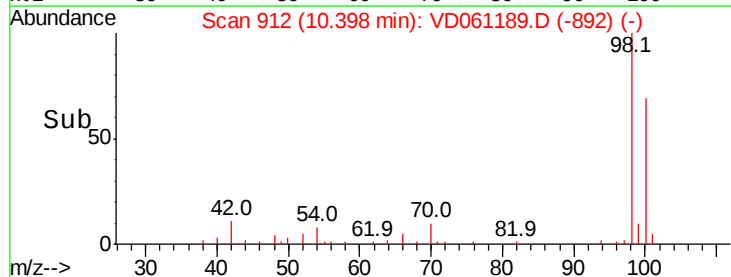
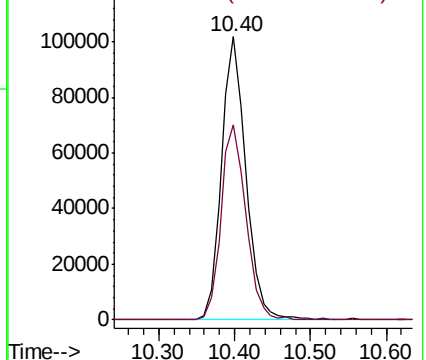
98 100

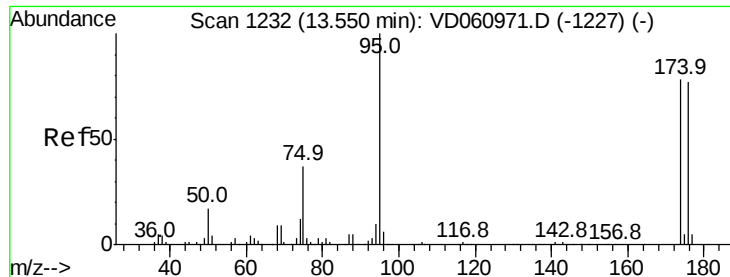
100 68.8 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

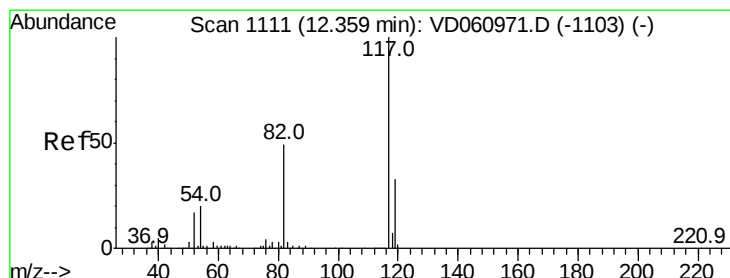
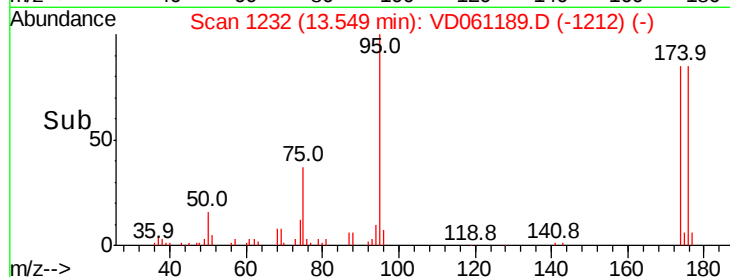
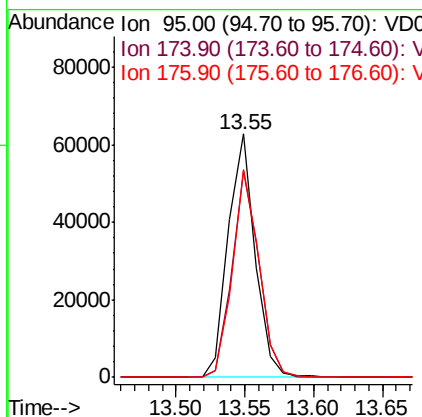
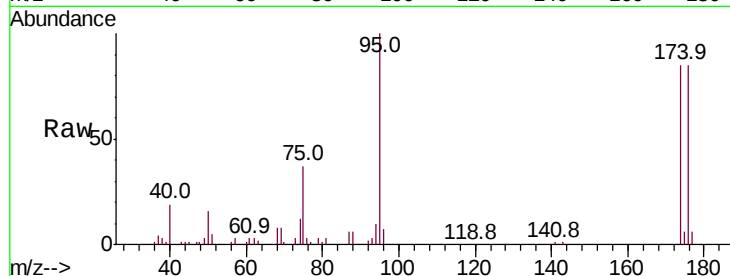




#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VD061189.D
 Acq: 19 Mar 2019 17:06

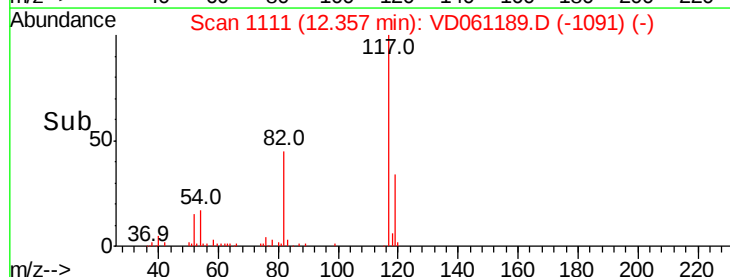
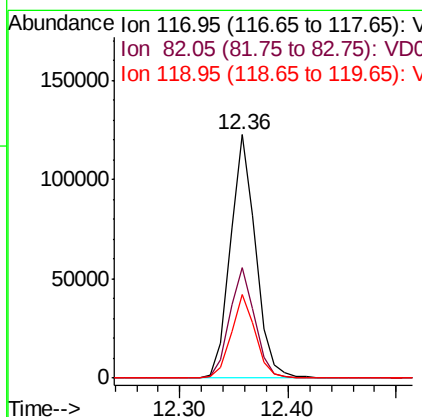
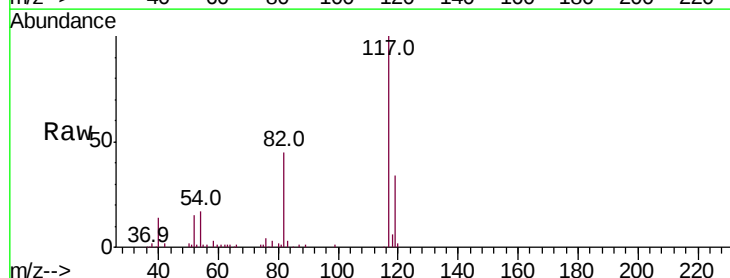
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5(7-8)RE

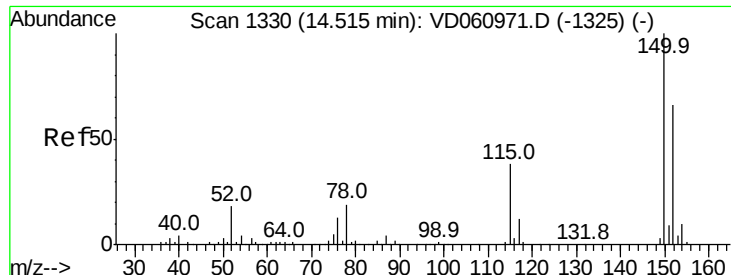
Tot Ion: 95 Resp: 85228
 Ion Ratio Lower Upper
 95 100
 174 84.9 0.0 155.6
 176 85.4 0.0 153.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.36 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: VD061189.D
 Acq: 19 Mar 2019 17:06

Tgt Ion: 117 Resp: 198613
 Ion Ratio Lower Upper
 117 100
 82 45.4 38.9 58.3
 119 34.4 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD061189.D

Acq: 19 Mar 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

SB-5(7-8)RE

Tot Ion:152 Resp: 69605

Ion Ratio Lower Upper

152 100

115 55.7 28.6 85.9

150 158.6 0.0 310.6

