

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031419\
 Data File : VD061068.D
 Acq On : 14 Mar 2019 16:49
 Operator : VA/AP
 Sample : K1901-04
 Misc : 4.05g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3(7-8)

Quant Time: Mar 15 03:30:00 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

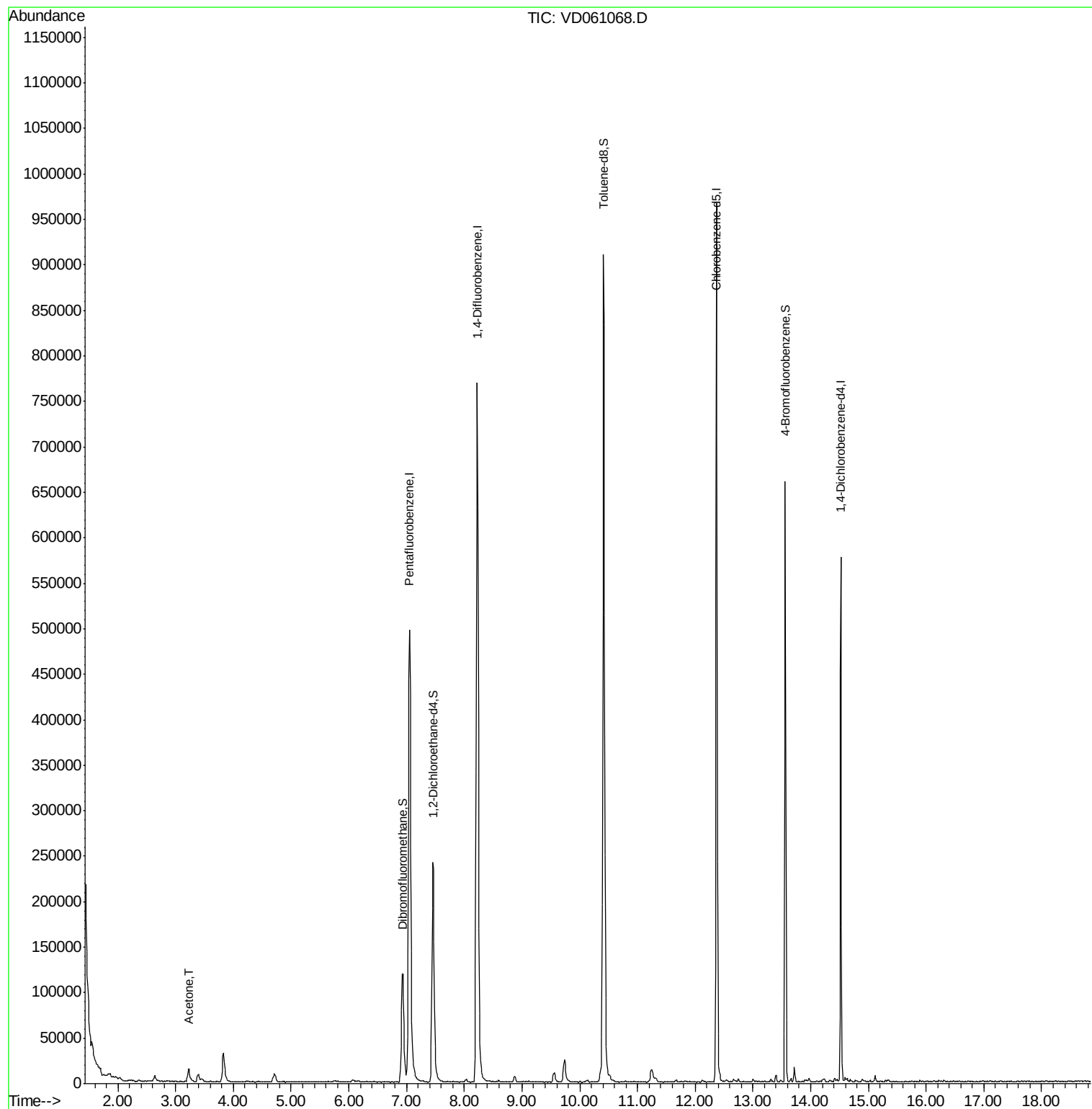
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	533102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	955400	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	605951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	136698	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	233319	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
35) Dibromofluoromethane	6.92	113	124821	17.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	35.20%	
50) Toluene-d8	10.41	98	795425	44.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.34%	
62) 4-Bromofluorobenzene	13.56	95	203310	29.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.86%	
Target Compounds						
16) Acetone	3.22	43	28798	22.695	ug/l	Qvalue 94

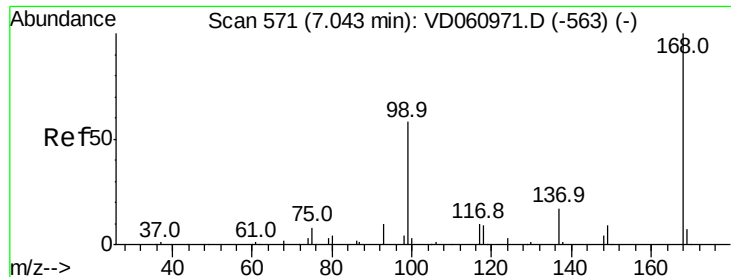
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD061068.D

Acq: 14 Mar 2019 16:49

Instrument :

MSVOA_D

ClientSampleId :

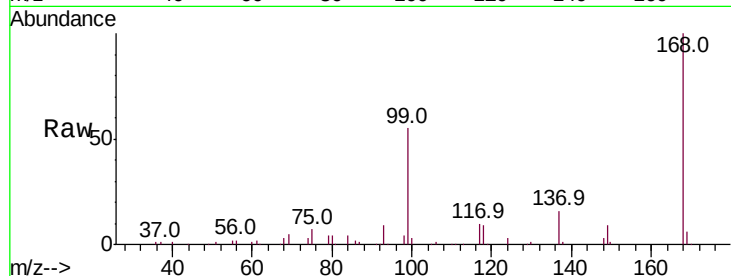
SB-3(7-8)

Tot Ion:168 Resp: 533102

Ion Ratio Lower Upper

168 100

99 55.2 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

200000

150000

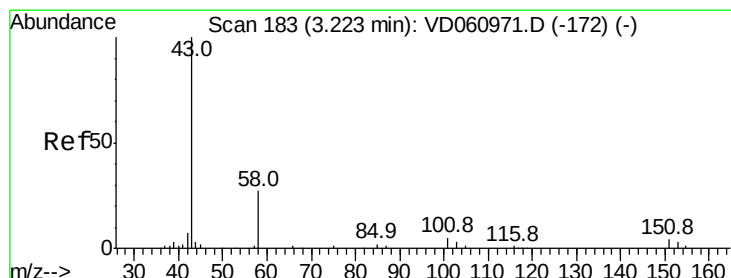
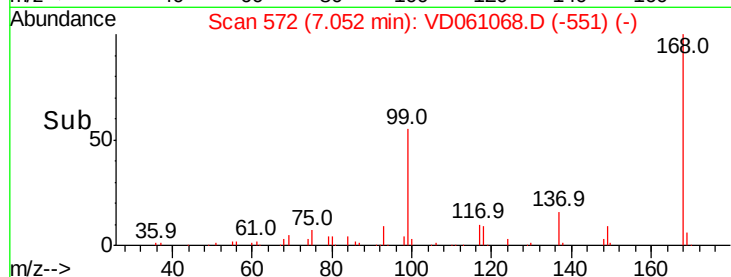
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 22.695 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD061068.D

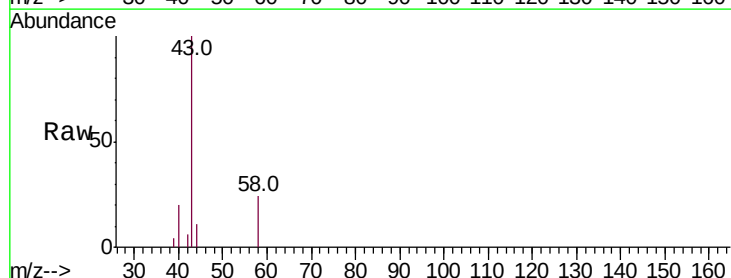
Acq: 14 Mar 2019 16:49

Tgt Ion: 43 Resp: 28798

Ion Ratio Lower Upper

43 100

58 23.7 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

10000

8000

6000

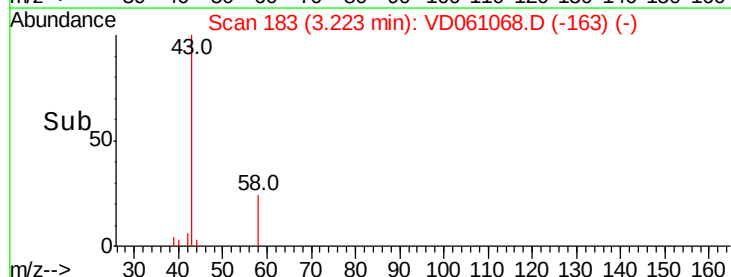
4000

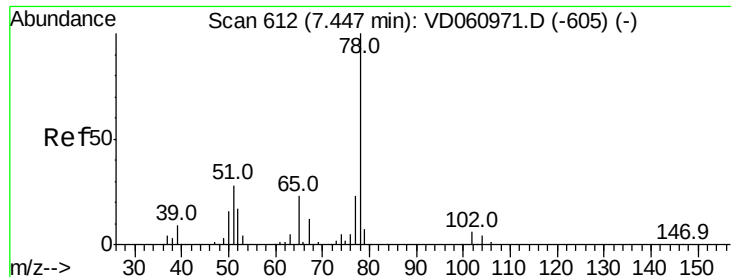
2000

0

Time-->

3.10 3.20 3.30 3.40

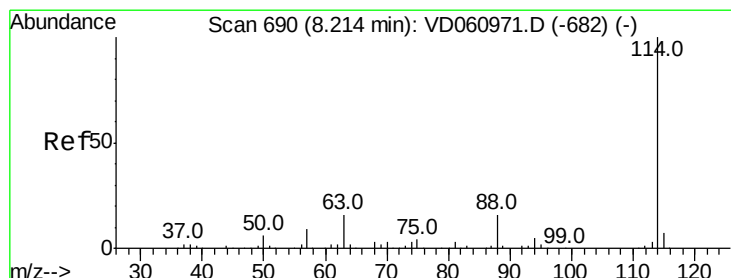
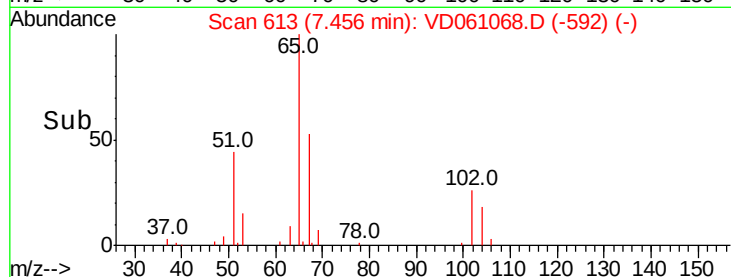
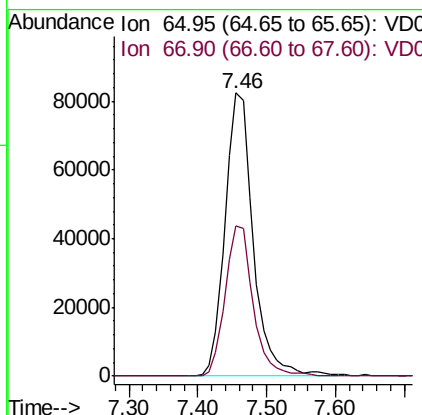
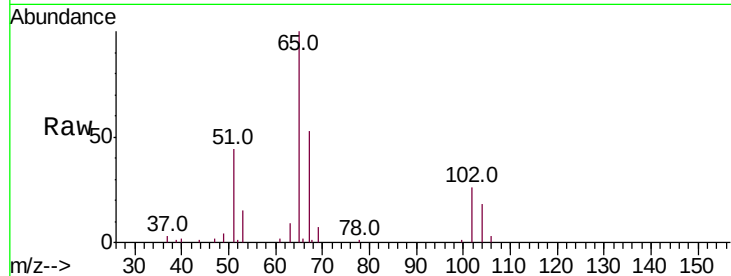




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: VD061068.D
 Acq: 14 Mar 2019 16:49

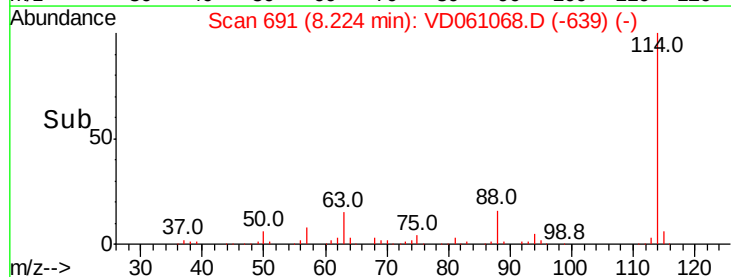
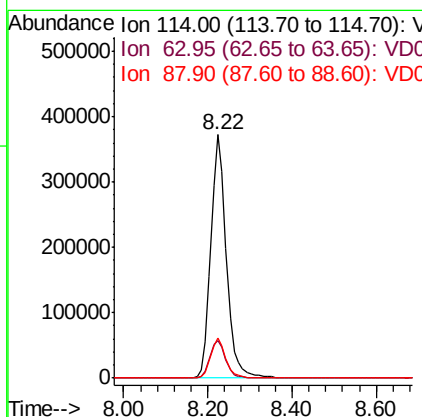
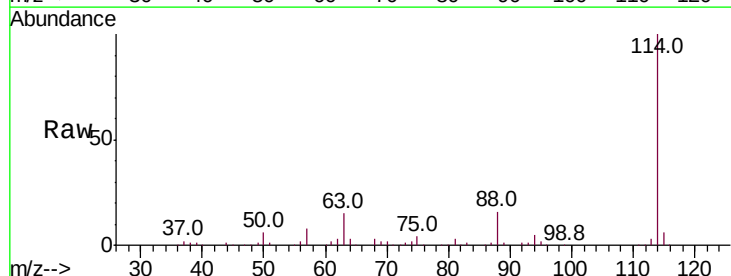
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3(7-8)

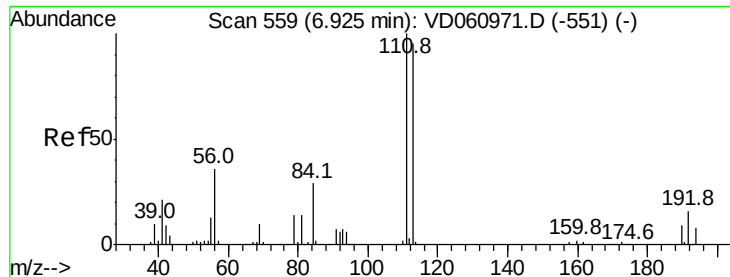
Tot Ion: 65 Resp: 233319
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD061068.D
 Acq: 14 Mar 2019 16:49

Tgt Ion: 114 Resp: 955400
 Ion Ratio Lower Upper
 114 100
 63 15.5 0.0 31.4
 88 16.3 0.0 33.0

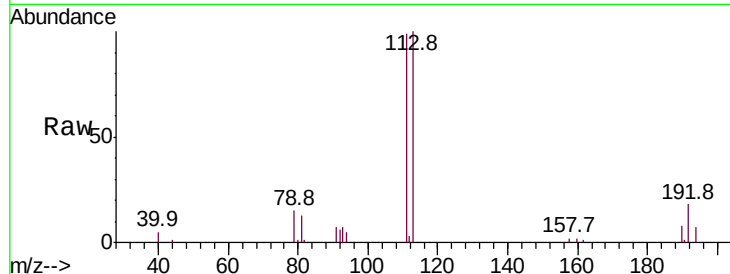




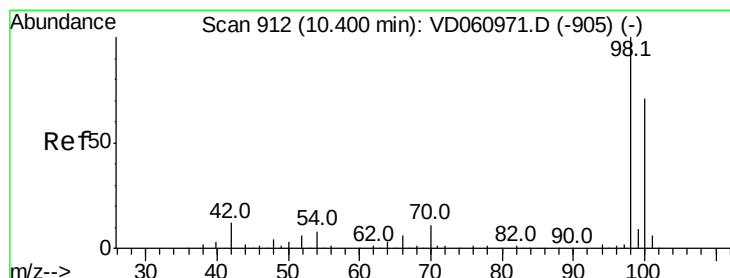
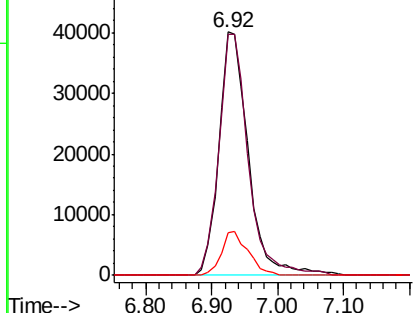
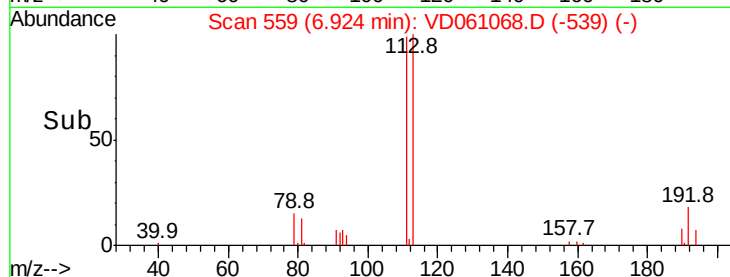
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: VD061068.D
 Acq: 14 Mar 2019 16:49

Instrument :
 MSVOA_D
 ClientSampled :
 SB-3(7-8)

Tot Ion:113 Resp: 124821
 Ion Ratio Lower Upper
 113 100
 111 98.8 84.2 126.4
 192 17.5 13.1 19.7

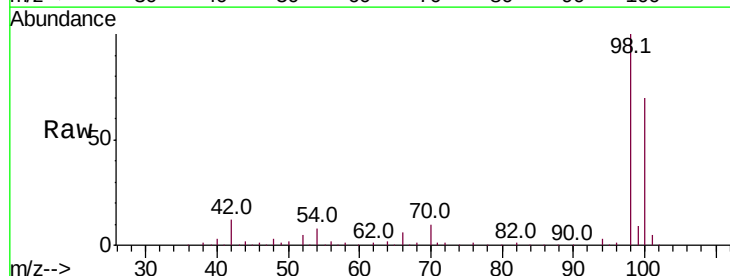


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

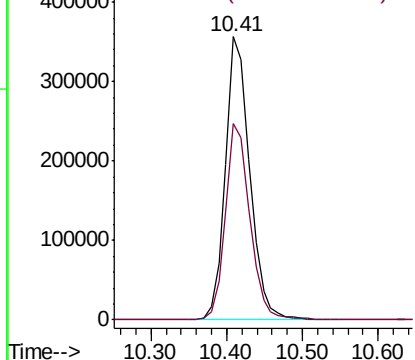
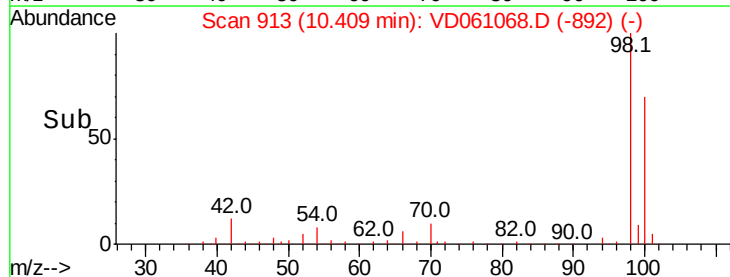


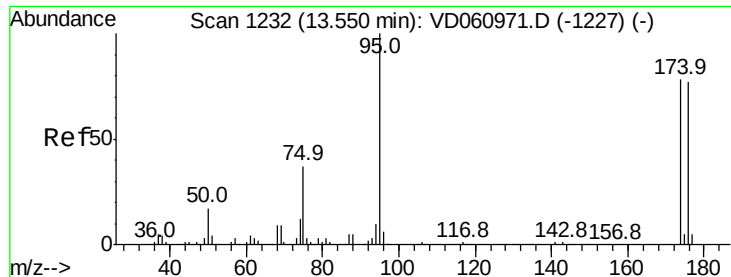
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: VD061068.D
 Acq: 14 Mar 2019 16:49

Tgt Ion: 98 Resp: 795425
 Ion Ratio Lower Upper
 98 100
 100 69.5 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: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061068.D

Acq: 14 Mar 2019 16:49

Instrument :

MSVOA_D

ClientSampleId :

SB-3(7-8)

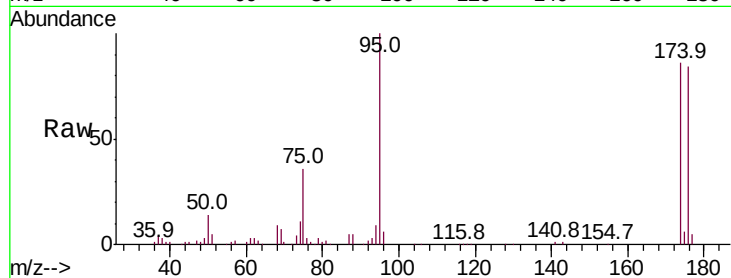
Tot Ion: 95 Resp: 203310

Ion Ratio Lower Upper

95 100

174 85.8 0.0 155.6

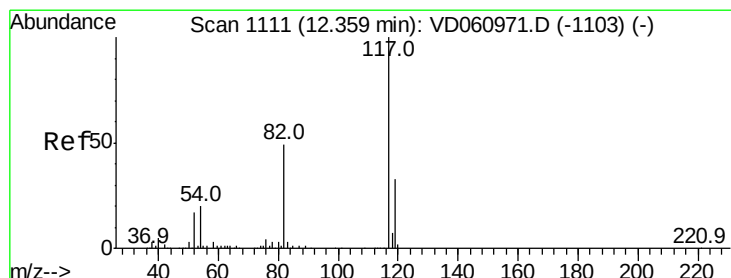
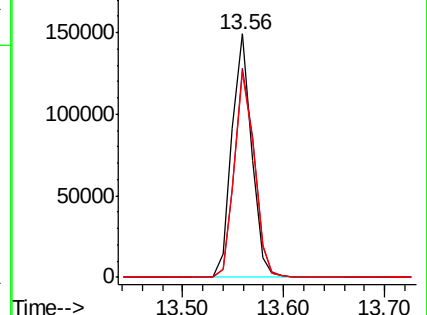
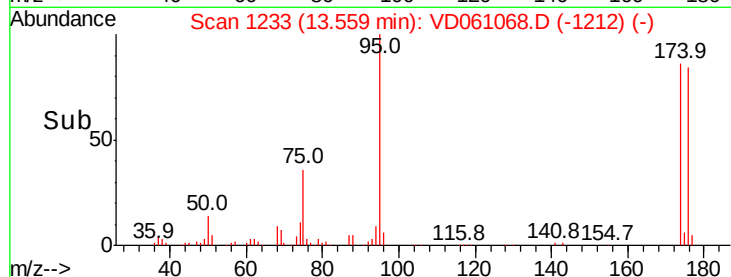
176 84.1 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD061068.D

Acq: 14 Mar 2019 16:49

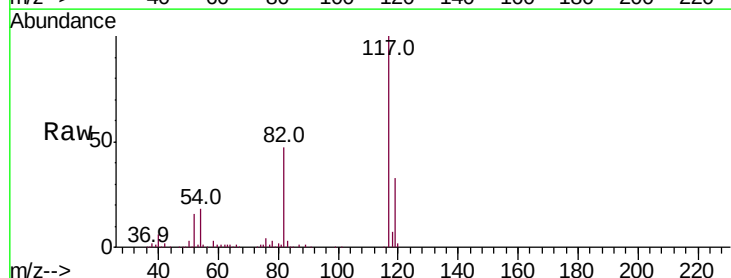
Tgt Ion: 117 Resp: 605951

Ion Ratio Lower Upper

117 100

82 46.9 38.9 58.3

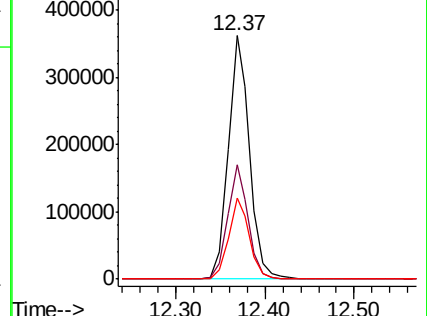
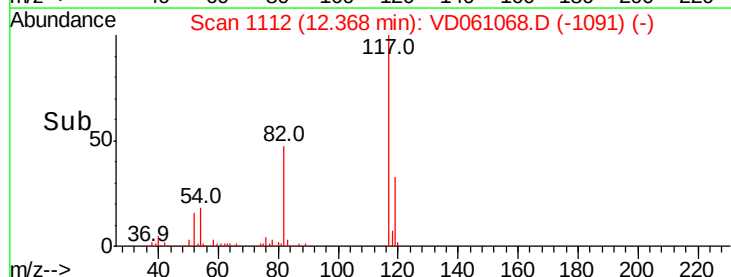
119 33.1 26.6 39.8

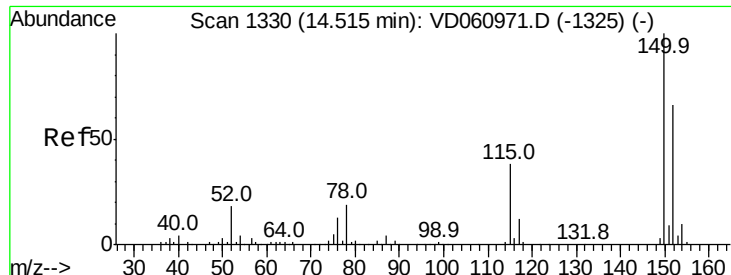


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD061068.D

Acq: 14 Mar 2019 16:49

Instrument :

MSVOA_D

ClientSampleId :

SB-3(7-8)

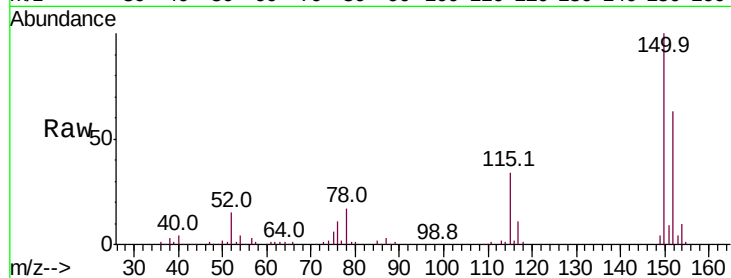
Tot Ion:152 Resp: 136698

Ion Ratio Lower Upper

152 100

115 54.4 28.6 85.9

150 159.1 0.0 310.6



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

