

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101018\
 Data File : VD060172.D
 Acq On : 10 Oct 2018 13:43
 Operator : VA/AP
 Sample : J5329-01RE
 Misc : 6.62g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 POND-1RE

Quant Time: Oct 11 01:29:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

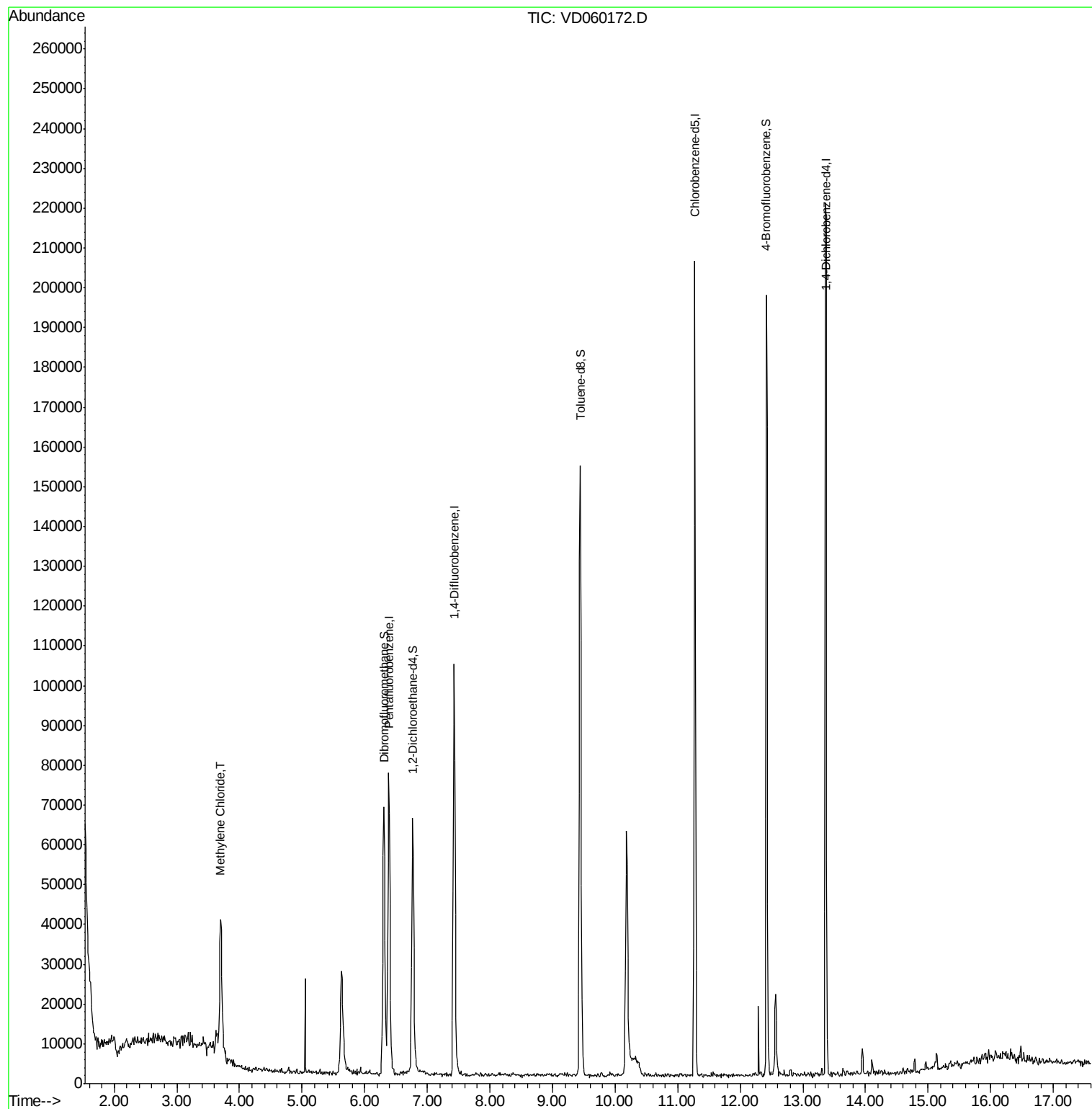
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	71633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.43	114	108232	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.28	117	101610	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	56778	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	52909	97.44	ug/l	0.01
Spiked Amount 50.000			Recovery	=	194.88%	
35) Dibromofluoromethane	6.31	113	51028	62.09	ug/l	0.01
Spiked Amount 50.000			Recovery	=	124.18%	
50) Toluene-d8	9.45	98	123650	52.76	ug/l	0.01
Spiked Amount 50.000			Recovery	=	105.52%	
62) 4-Bromofluorobenzene	12.42	95	59515	67.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	135.64%	
Target Compounds						
20) Methylene Chloride	3.70	84	22287	26.737	ug/l	Qvalue 93

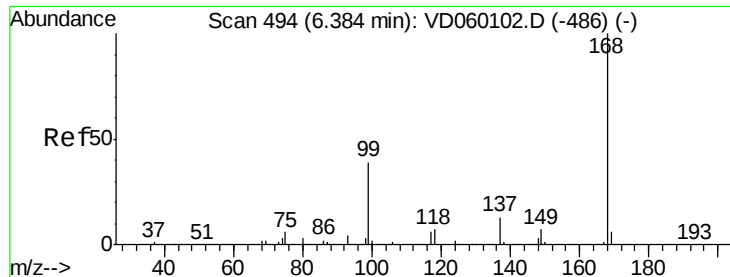
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.38 min Scan# 494

Delta R.T. 0.00 min

Lab File: VD060172.D

Acq: 10 Oct 2018 13:43

Instrument :

MSVOA_D

ClientSampleId :

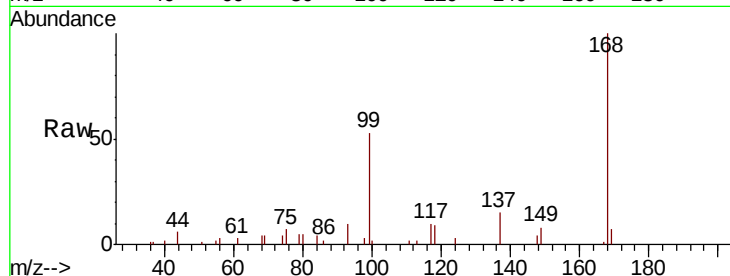
POND-1RE

Tot Ion:168 Resp: 71633

Ion Ratio Lower Upper

168 100

99 53.1 35.4 53.0#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.38

25000

20000

15000

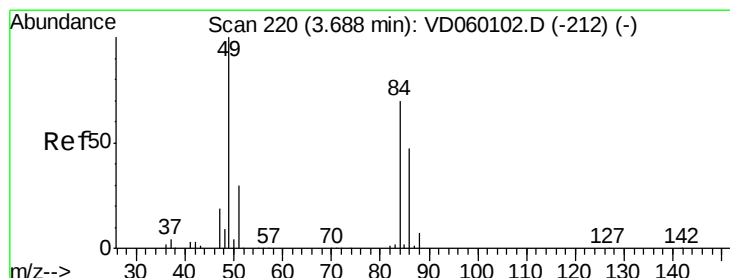
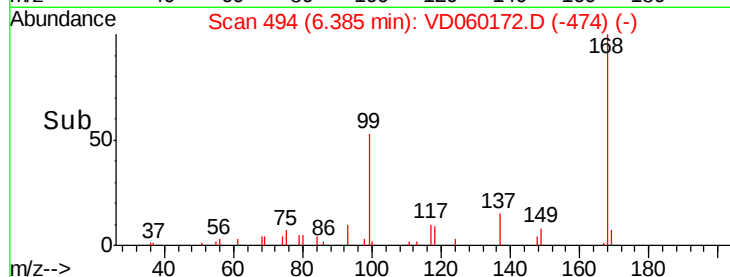
10000

5000

0

Time-->

6.30 6.40 6.50



#20

Methylene Chloride

Concen: 26.737 ug/l

RT: 3.70 min Scan# 221

Delta R.T. 0.01 min

Lab File: VD060172.D

Acq: 10 Oct 2018 13:43

Tgt Ion: 84 Resp: 22287

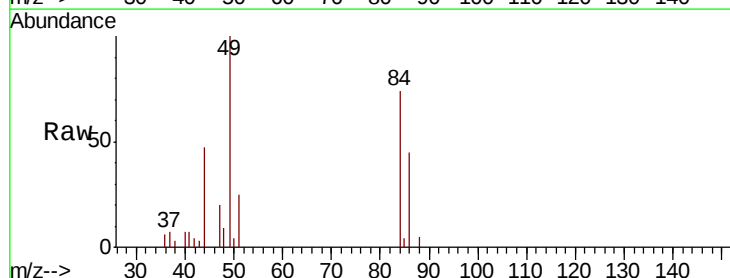
Ion Ratio Lower Upper

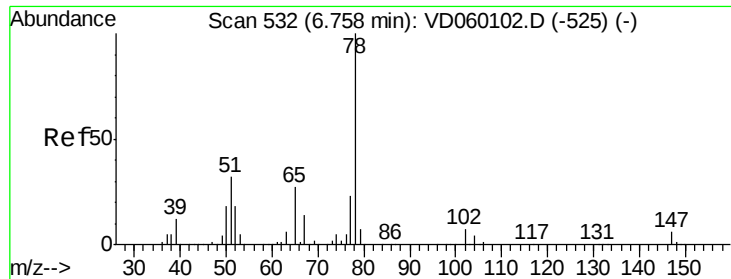
84 100

49 135.9 114.6 172.0

51 34.5 33.8 50.8

86 61.1 53.3 79.9





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.77 min Scan# 533

Delta R.T. 0.01 min

Lab File: VD060172.D

Acq: 10 Oct 2018 13:43

Instrument :

MSVOA_D

ClientSampleId :

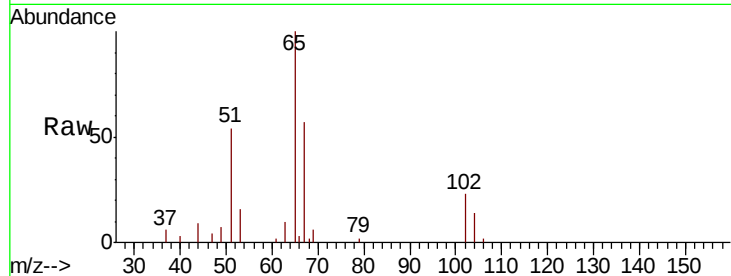
POND-1RE

Tot Ion: 65 Resp: 52909

Ion Ratio Lower Upper

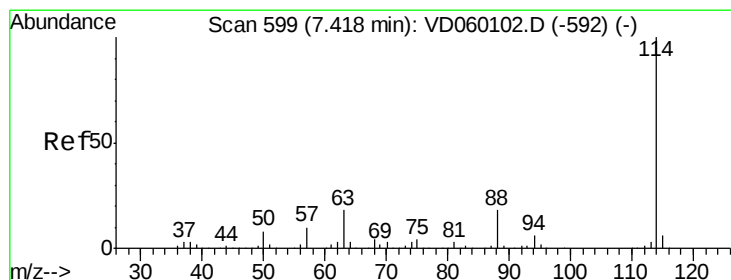
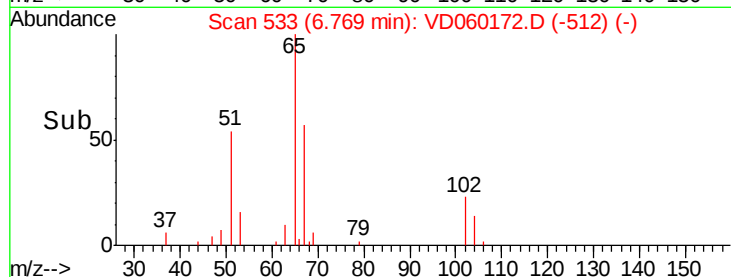
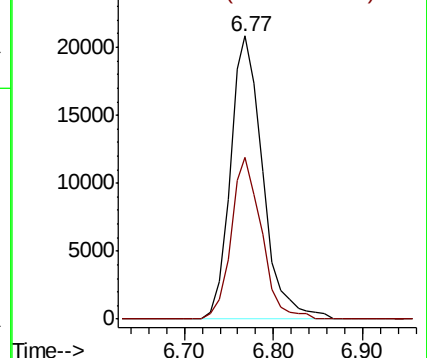
65 100

67 57.3 0.0 106.2



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: 7.43 min Scan# 600

Delta R.T. 0.01 min

Lab File: VD060172.D

Acq: 10 Oct 2018 13:43

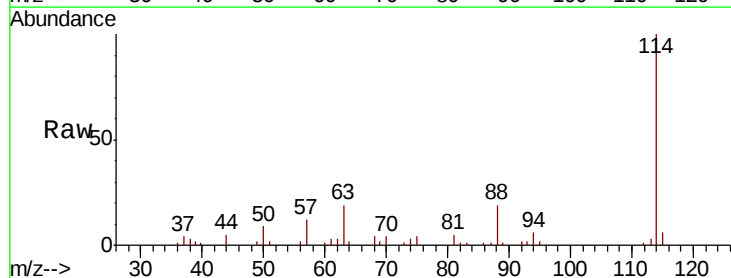
Tgt Ion: 114 Resp: 108232

Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.0

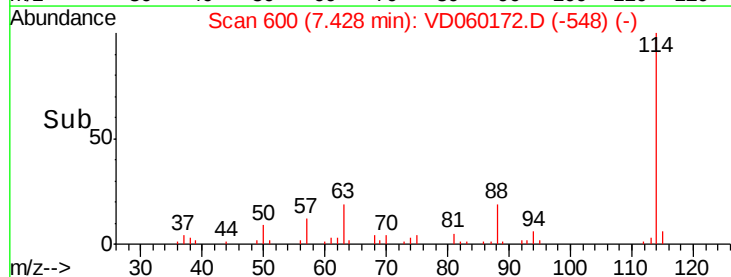
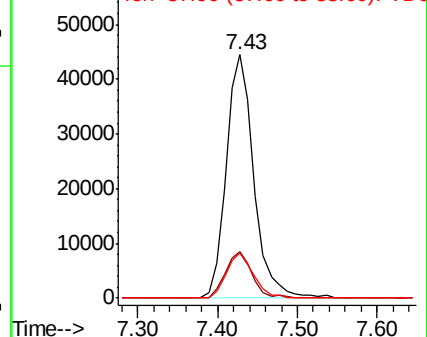
88 18.5 0.0 36.2

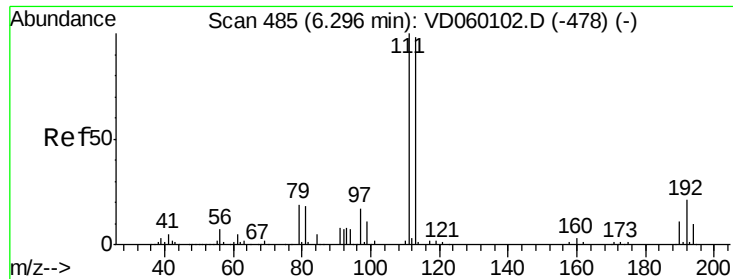


Abundance Ion 114.00 (113.70 to 114.70): V

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: 6.31 min Scan# 486

Delta R.T. 0.01 min

Lab File: VD060172.D

Acq: 10 Oct 2018 13:43

Instrument :

MSVOA_D

ClientSampleId :

POND-1RE

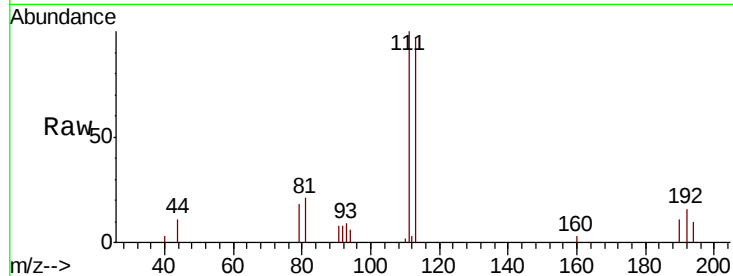
Tot Ion:113 Resp: 51028

Ion Ratio Lower Upper

113 100

111 103.1 81.5 122.3

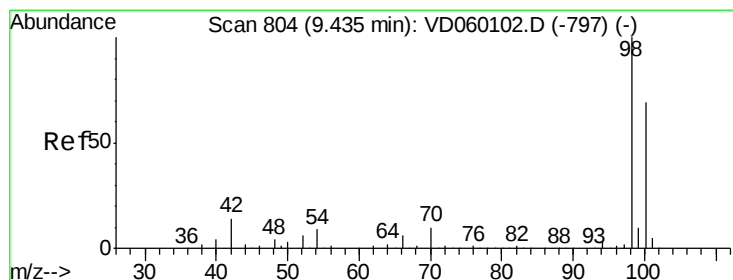
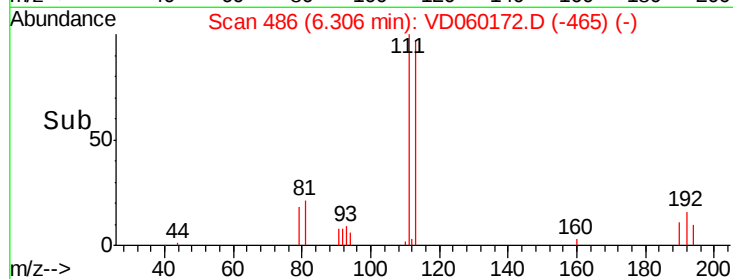
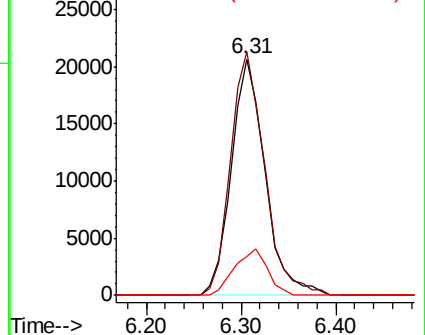
192 16.6 17.4 26.0#



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: 9.45 min Scan# 805

Delta R.T. 0.01 min

Lab File: VD060172.D

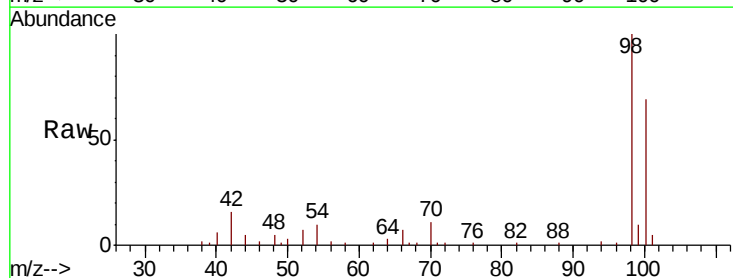
Acq: 10 Oct 2018 13:43

Tgt Ion: 98 Resp: 123650

Ion Ratio Lower Upper

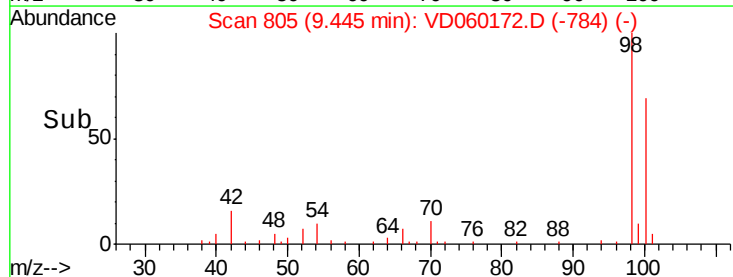
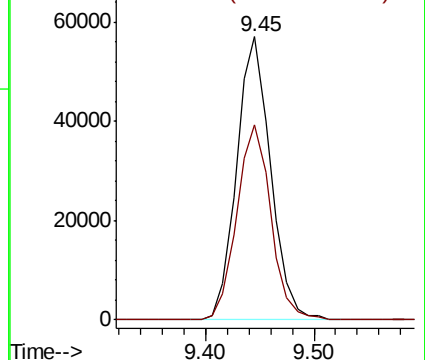
98 100

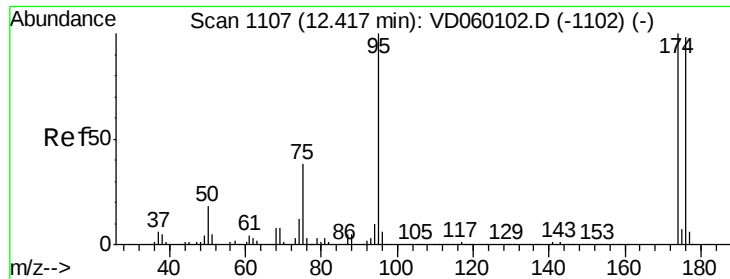
100 68.9 55.4 83.0



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: 12.42 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VD060172.D

Acq: 10 Oct 2018 13:43

Instrument :

MSVOA_D

ClientSampleId :

POND-1RE

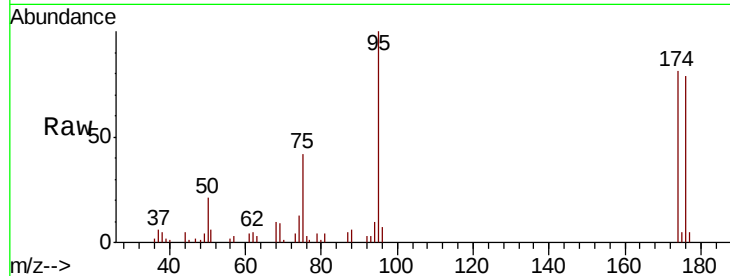
Tot Ion: 95 Resp: 59515

Ion Ratio Lower Upper

95 100

174 81.2 0.0 200.2

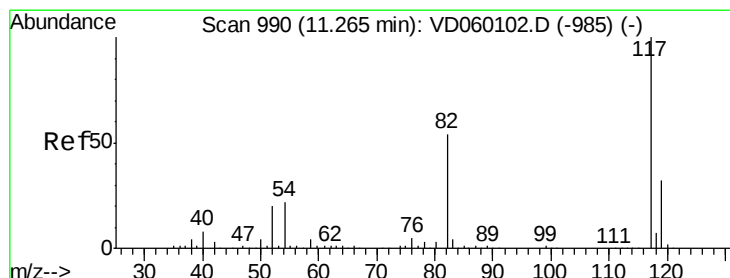
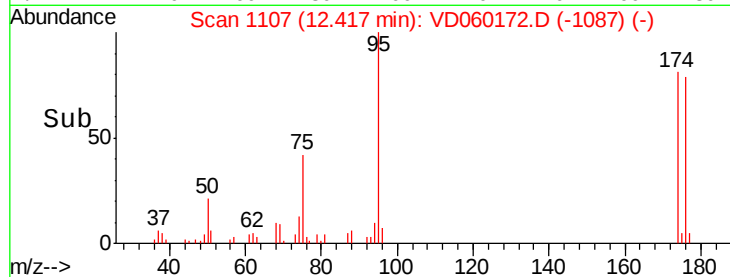
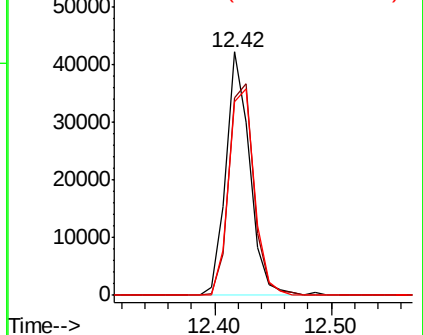
176 79.4 0.0 195.6



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: 11.28 min Scan# 991

Delta R.T. 0.01 min

Lab File: VD060172.D

Acq: 10 Oct 2018 13:43

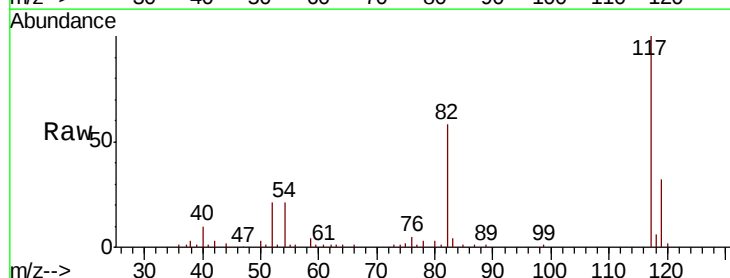
Tgt Ion: 117 Resp: 101610

Ion Ratio Lower Upper

117 100

82 57.6 43.4 65.2

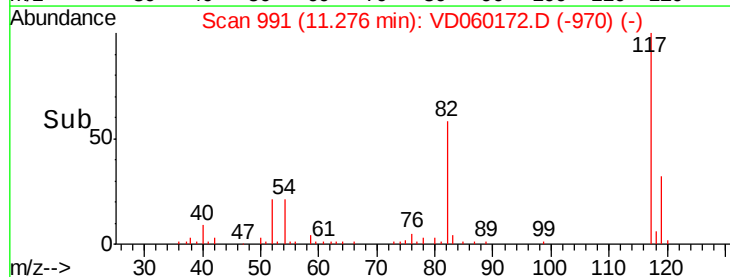
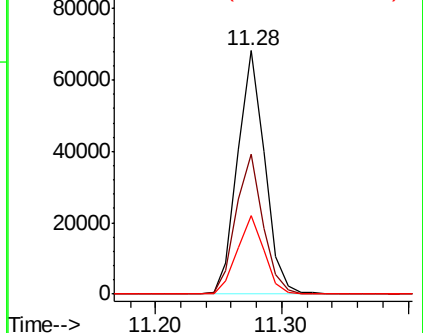
119 32.0 26.0 39.0

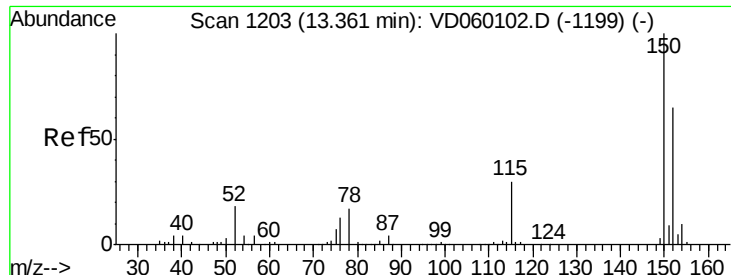


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

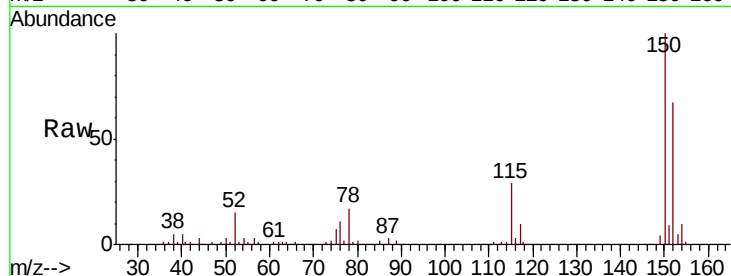




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.37 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: VD060172.D
 Acq: 10 Oct 2018 13:43

Instrument :
 MSVOA_D
 ClientSampleId :
 POND-1RE

Tot Ion:152 Resp: 56778
 Ion Ratio Lower Upper
 152 100
 115 43.8 27.1 81.2
 150 148.9 0.0 311.8



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

