

Data Path : W:\HPCHEM1\MSVOA_D\DATA\VD091815\
 Data File : VD046790.D
 Acq On : 18 Sep 2015 18:50
 Operator : FY/SY
 Sample : G3734-01
 Misc : 5.01gm/5mL/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Sep 19 00:37:17 2015
 Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 18 15:47:18 2015
 Response via : Initial Calibration

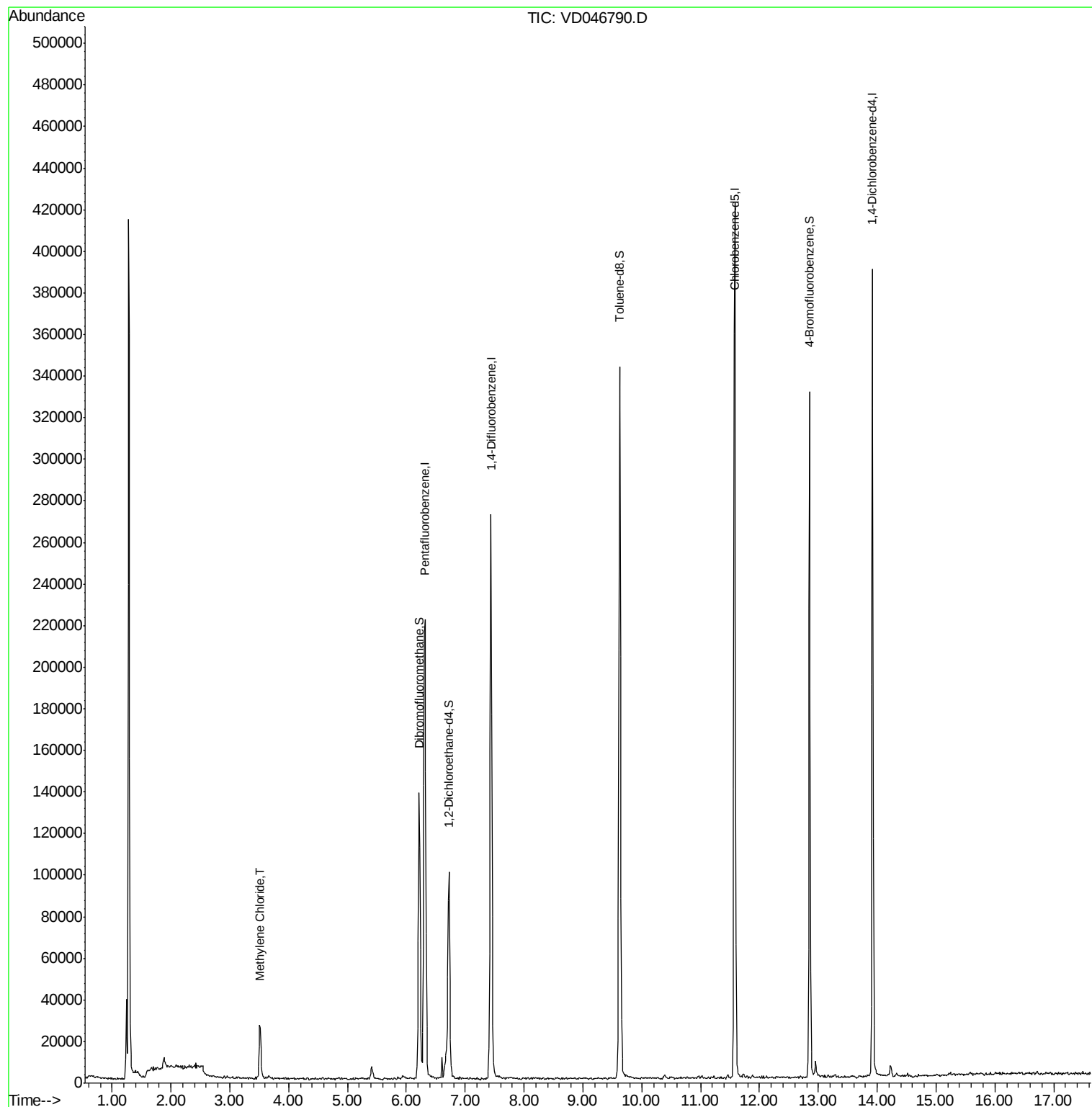
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.32	168	173984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.44	114	233156	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.58	117	210256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.92	152	100920	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.72	65	90678	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
35) Dibromofluoromethane	6.22	113	93049	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
50) Toluene-d8	9.62	98	274137	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
62) 4-Bromofluorobenzene	12.85	95	103459	44.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.30%	
Target Compounds						
21) Methylene Chloride	3.51	84	12178	7.34	ug/l	Qvalue 88

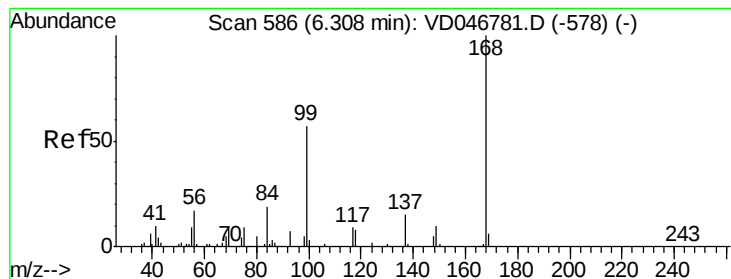
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 18 15:47:18 2015
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.32 min Scan# 587

Delta R.T. 0.01 min

Lab File: VD046790.D

Acq: 18 Sep 2015 18:50

Instrument :

MSVOA_D

ClientSampleId :

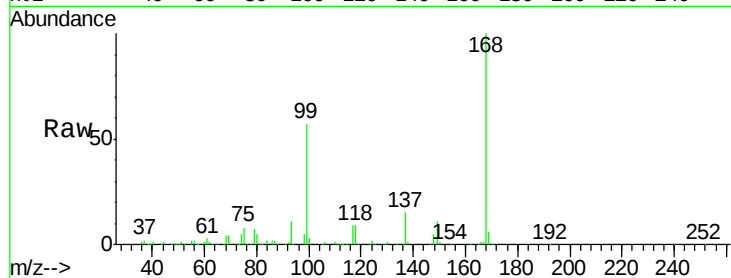
VOC

Tgt Ion:168 Resp: 173984

Ion Ratio Lower Upper

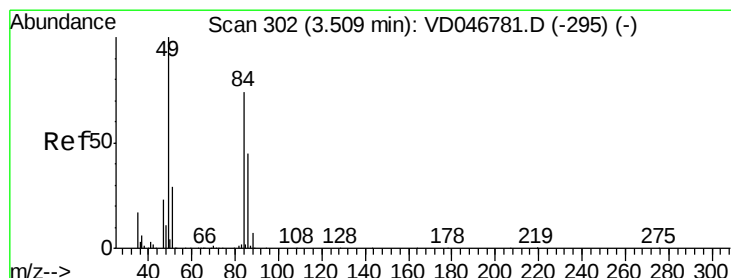
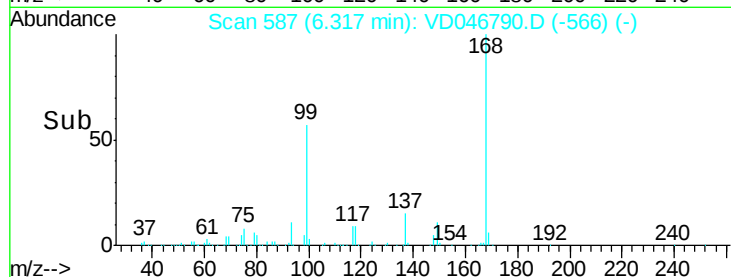
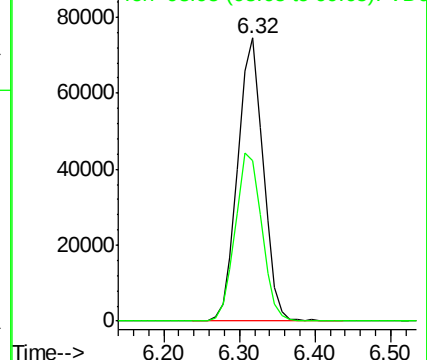
168 100

99 56.7 42.4 63.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#21

Methylene Chloride

Concen: 7.34 ug/l

RT: 3.51 min Scan# 302

Delta R.T. -0.00 min

Lab File: VD046790.D

Acq: 18 Sep 2015 18:50

Tgt Ion: 84 Resp: 12178

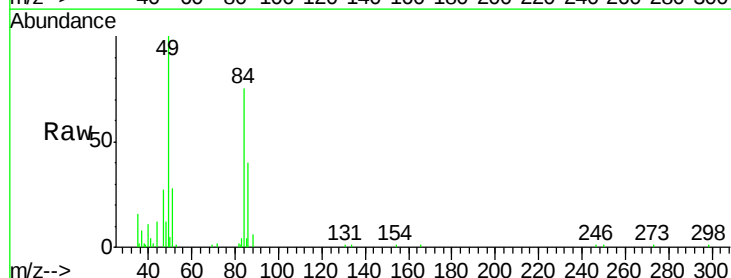
Ion Ratio Lower Upper

84 100

49 133.4 122.1 183.1

51 37.2 33.6 50.4

86 53.8 48.3 72.5

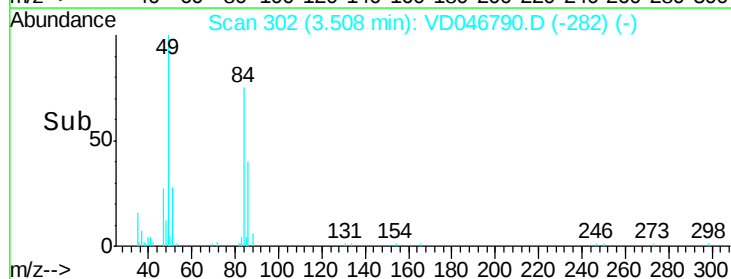
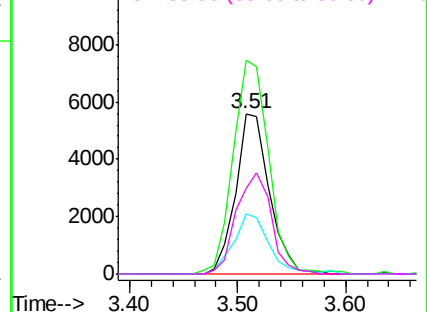


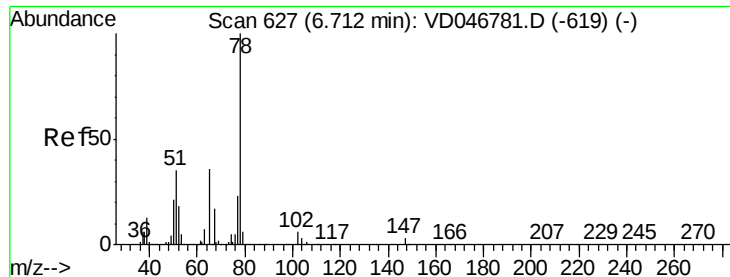
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: Below ug/l

RT: 6.72 min Scan# 628

Delta R.T. 0.01 min

Lab File: VD046790.D

Acq: 18 Sep 2015 18:50

Instrument :

MSVOA_D

ClientSampleId :

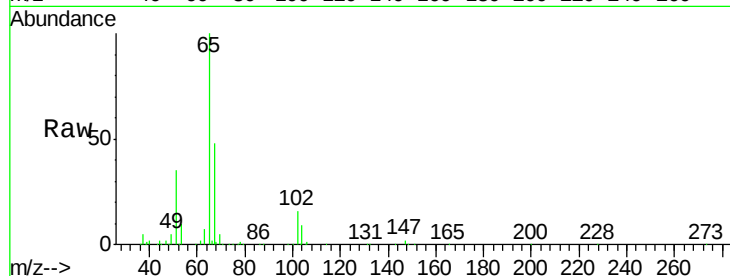
VOC

Tgt Ion: 65 Resp: 90678

Ion Ratio Lower Upper

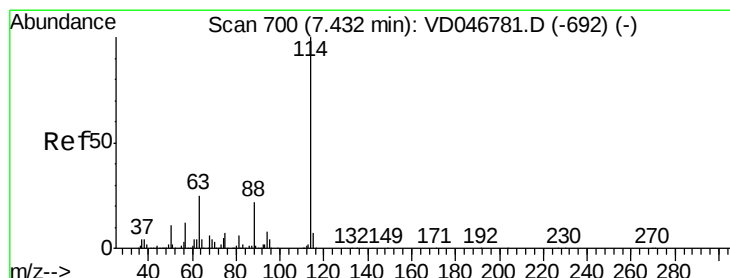
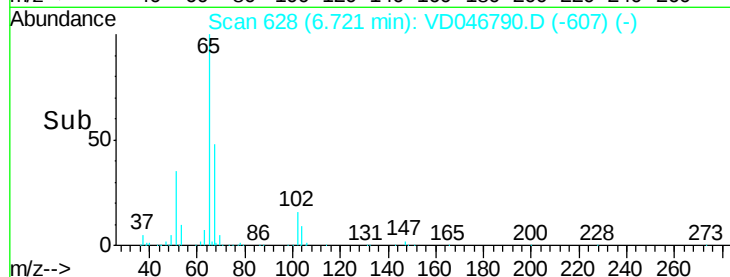
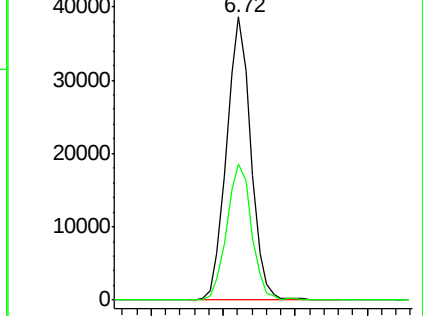
65 100

67 48.2 0.0 105.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.44 min Scan# 701

Delta R.T. 0.01 min

Lab File: VD046790.D

Acq: 18 Sep 2015 18:50

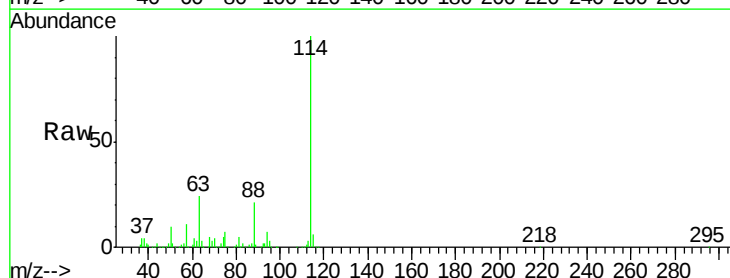
Tgt Ion: 114 Resp: 233156

Ion Ratio Lower Upper

114 100

63 23.8 0.0 49.8

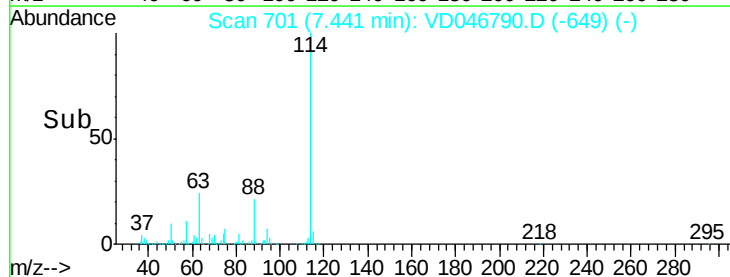
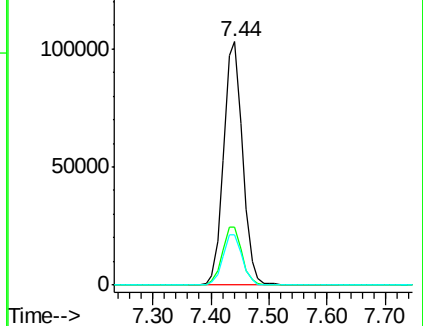
88 20.6 0.0 43.6

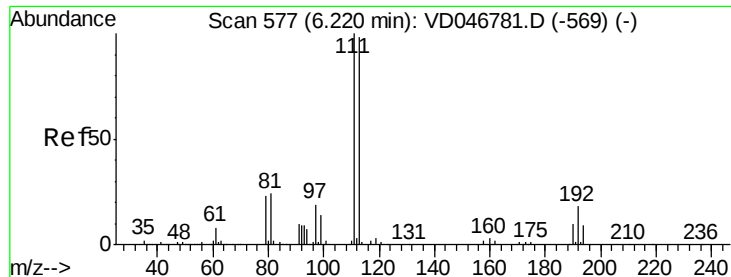


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.22 min Scan# 577

Delta R.T. -0.00 min

Lab File: VD046790.D

Acq: 18 Sep 2015 18:50

Instrument :

MSVOA_D

ClientSampled :

VOC

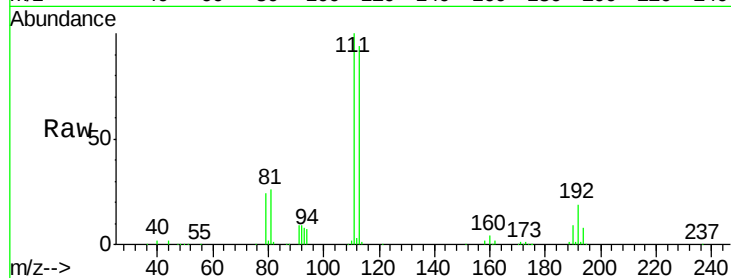
Tgt Ion:113 Resp: 93049

Ion Ratio Lower Upper

113 100

111 106.6 79.4 119.0

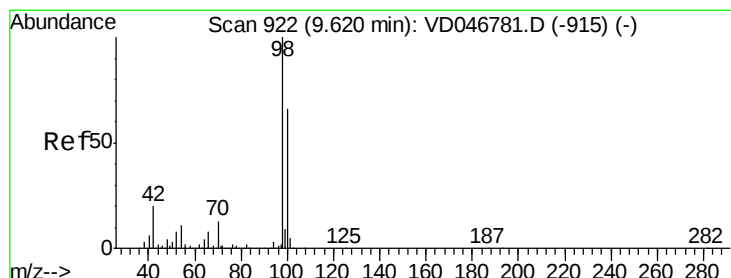
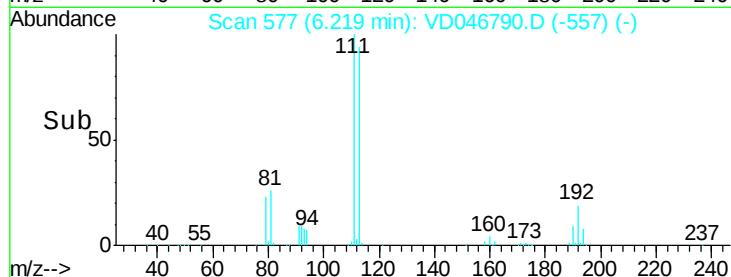
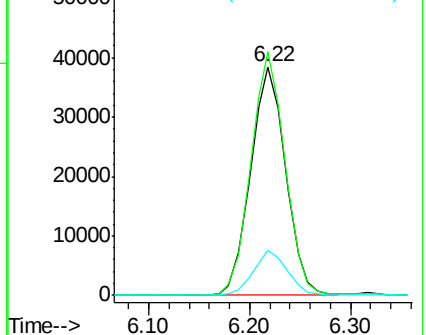
192 19.9 14.6 22.0



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: 9.62 min Scan# 922

Delta R.T. -0.00 min

Lab File: VD046790.D

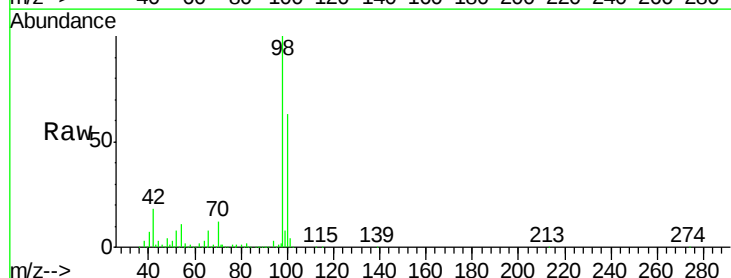
Acq: 18 Sep 2015 18:50

Tgt Ion: 98 Resp: 274137

Ion Ratio Lower Upper

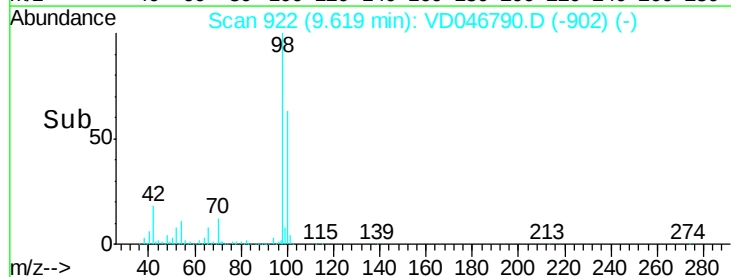
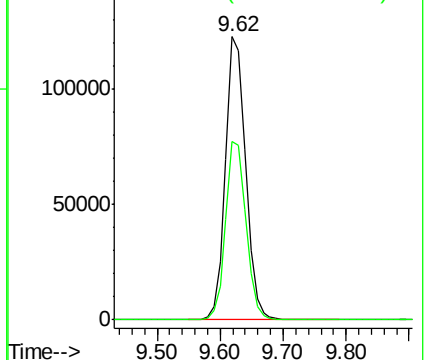
98 100

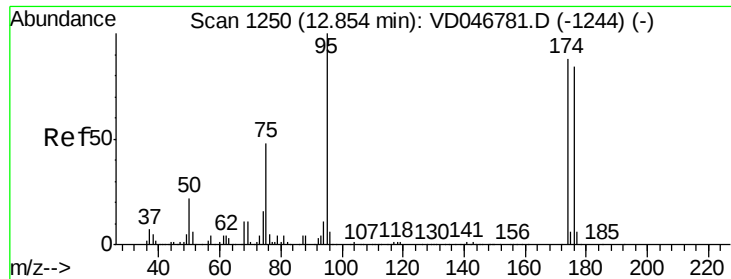
100 62.8 49.9 74.9



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.85 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VD046790.D

Acq: 18 Sep 2015 18:50

Instrument :

MSVOA_D

ClientSampled :

VOC

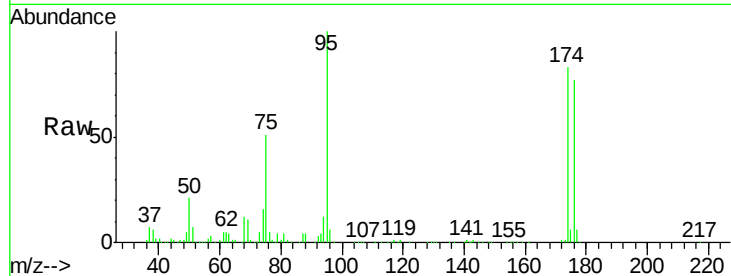
Tgt Ion: 95 Resp: 103459

Ion Ratio Lower Upper

95 100

174 82.5 0.0 149.8

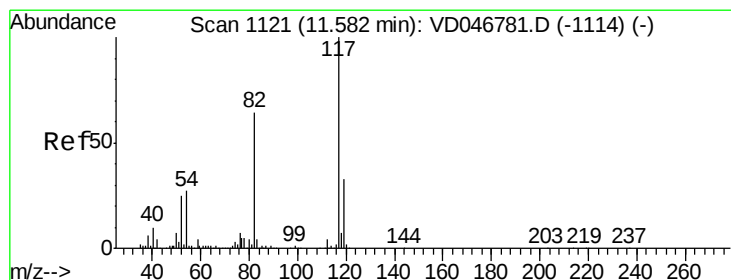
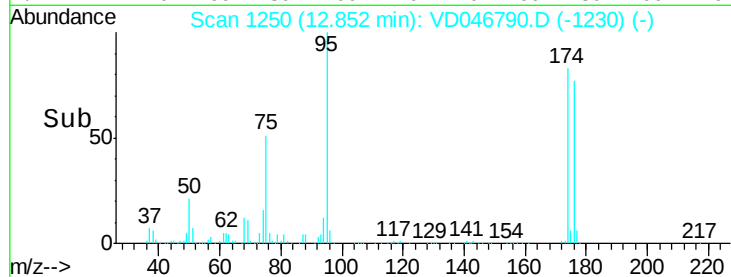
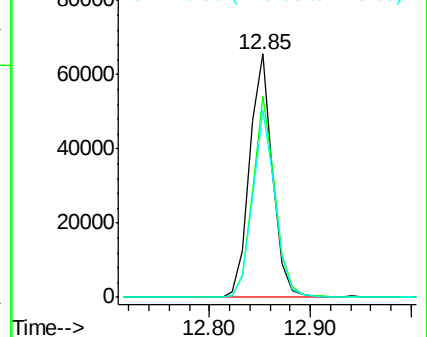
176 77.2 0.0 143.4



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: 50.00 ug/l

RT: 11.58 min Scan# 1121

Delta R.T. -0.00 min

Lab File: VD046790.D

Acq: 18 Sep 2015 18:50

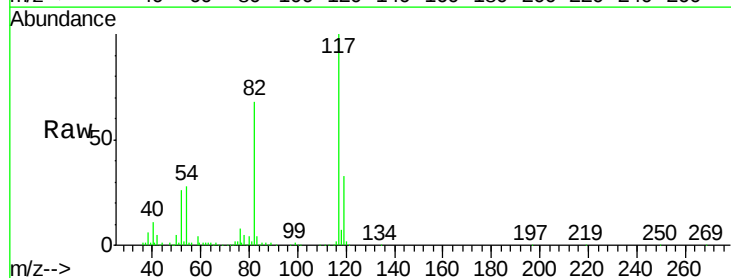
Tgt Ion: 117 Resp: 210256

Ion Ratio Lower Upper

117 100

82 68.5 50.6 75.8

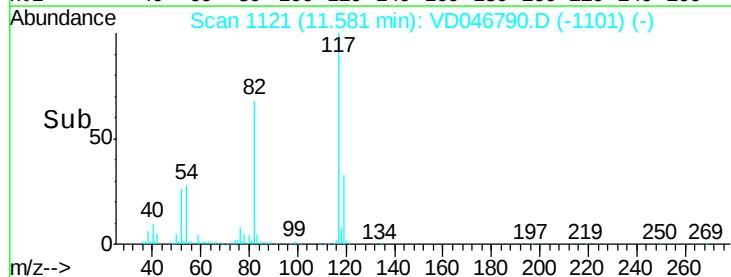
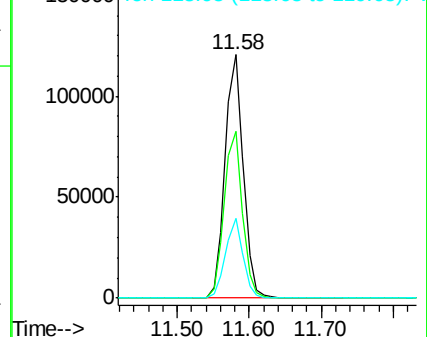
119 32.8 25.8 38.8

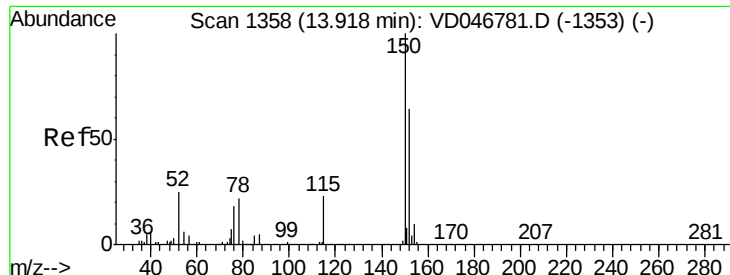


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.92 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VD046790.D

Acq: 18 Sep 2015 18:50

Instrument :

MSVOA_D

ClientSampleId :

VOC

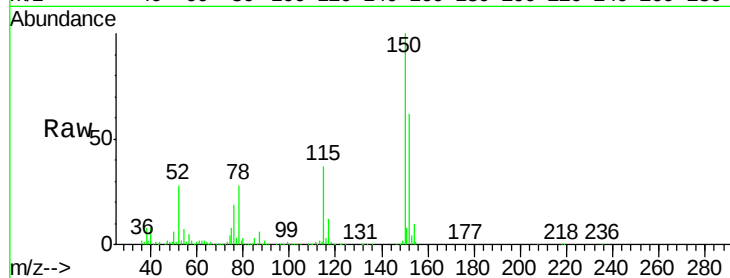
Tgt Ion:152 Resp: 100920

Ion Ratio Lower Upper

152 100

115 59.8 26.2 78.6

150 161.7 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

