

Data Path : W:\HPCHEM1\MSVOA_D\DATA\VD091815\
 Data File : VD046788.D
 Acq On : 18 Sep 2015 17:54
 Operator : FY/SY
 Sample : G3652-03
 Misc : 5.74gm/5mL/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DTW1S

Quant Time: Sep 18 19:43:19 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	195126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.44	114	257757	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.58	117	215573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.92	152	78137	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.72	65	94601	46.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.26%	
35) Dibromofluoromethane	6.22	113	101048	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
50) Toluene-d8	9.62	98	285951	44.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.90%	
62) 4-Bromofluorobenzene	12.85	95	92785	36.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.44%	

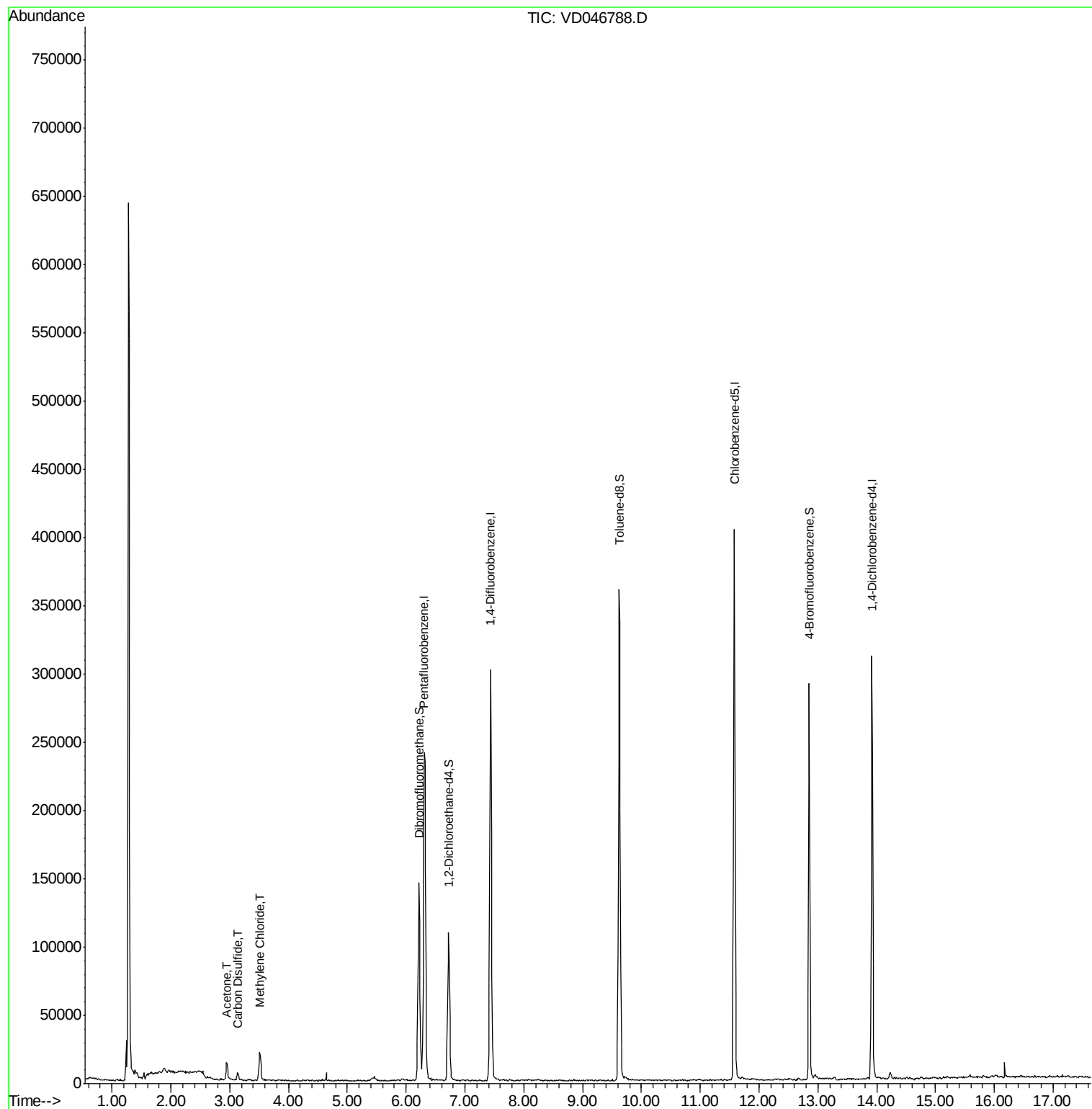
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
17) Acetone	2.95	43	18853	55.00	ug/l	99
18) Carbon Disulfide	3.13	76	6798	1.16	ug/l	96
21) Methylene Chloride	3.51	84	10174	5.47	ug/l	91

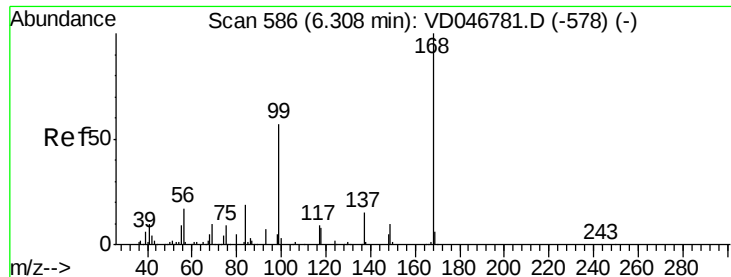
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.32 min Scan# 587

Delta R.T. 0.01 min

Lab File: VD046788.D

Acq: 18 Sep 2015 17:54

Instrument :

MSVOA_D

ClientSampleId :

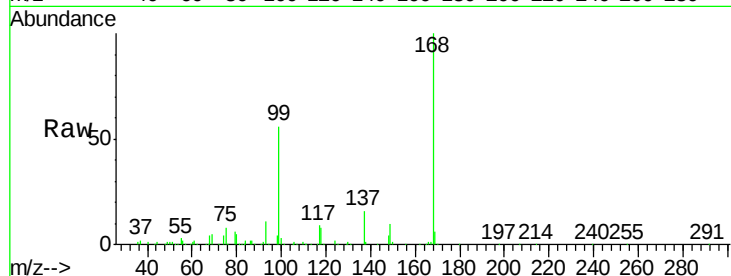
DTW1S

Tgt Ion:168 Resp: 195126

Ion Ratio Lower Upper

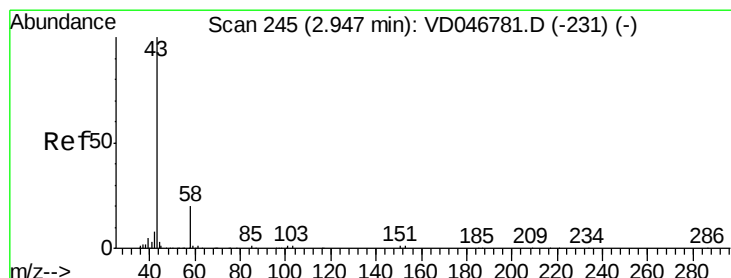
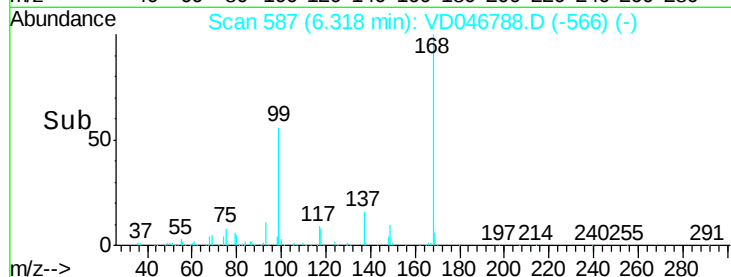
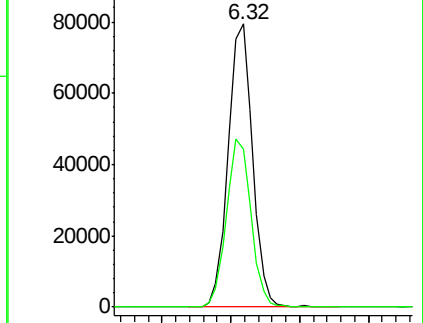
168 100

99 55.6 42.4 63.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#17

Acetone

Concen: 55.00 ug/l

RT: 2.95 min Scan# 245

Delta R.T. -0.00 min

Lab File: VD046788.D

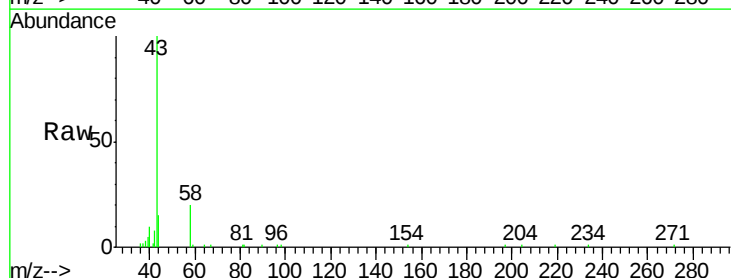
Acq: 18 Sep 2015 17:54

Tgt Ion: 43 Resp: 18853

Ion Ratio Lower Upper

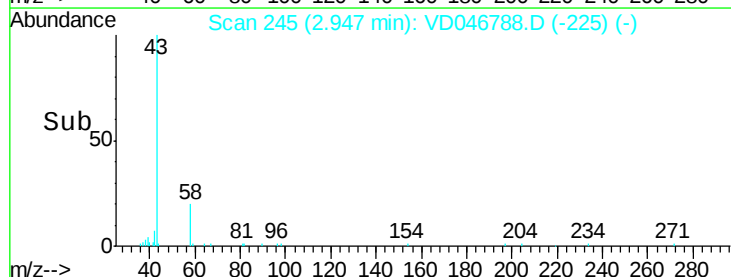
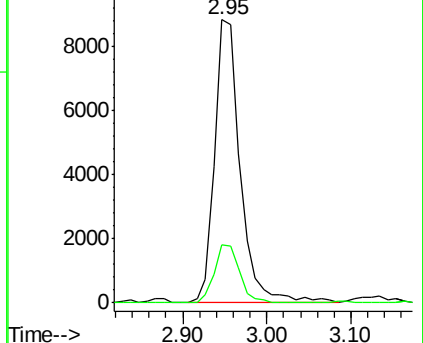
43 100

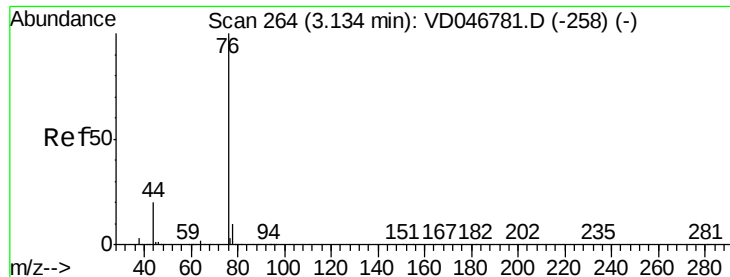
58 20.4 16.6 24.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#18

Carbon Disulfide

Concen: 1.16 ug/l

RT: 3.13 min Scan# 264

Delta R.T. -0.00 min

Lab File: VD046788.D

Acq: 18 Sep 2015 17:54

Instrument :

MSVOA_D

ClientSampleId :

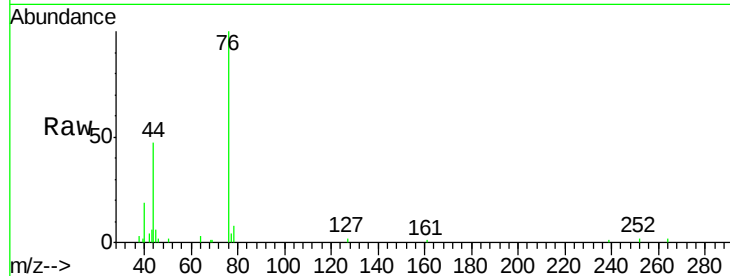
DTW1S

Tgt Ion: 76 Resp: 6798

Ion Ratio Lower Upper

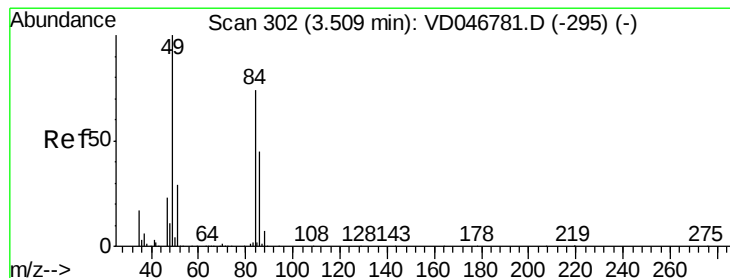
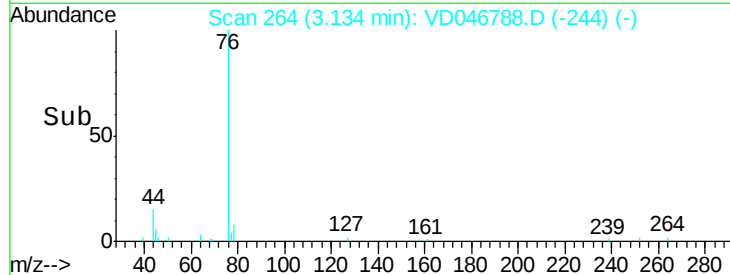
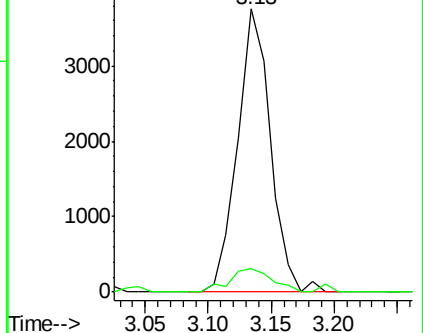
76 100

78 8.5 8.0 12.0



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#21

Methylene Chloride

Concen: 5.47 ug/l

RT: 3.51 min Scan# 302

Delta R.T. -0.00 min

Lab File: VD046788.D

Acq: 18 Sep 2015 17:54

Tgt Ion: 84 Resp: 10174

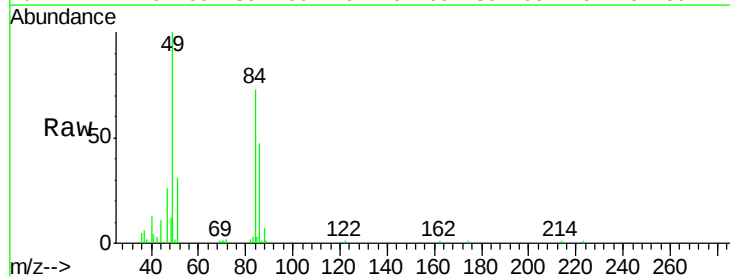
Ion Ratio Lower Upper

84 100

49 137.6 122.1 183.1

51 42.4 33.6 50.4

86 65.2 48.3 72.5

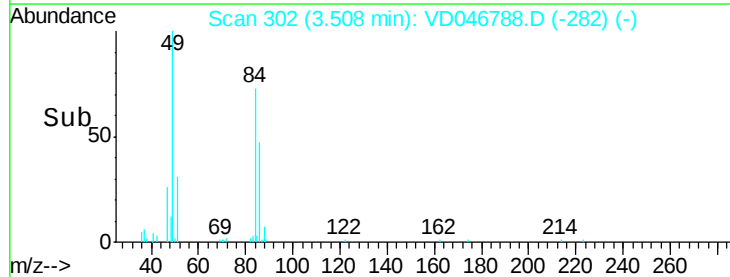
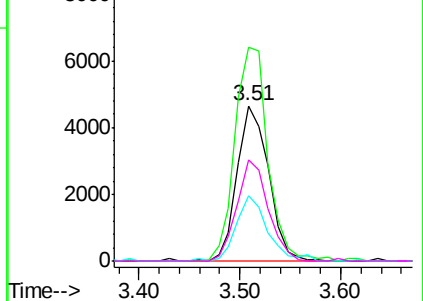


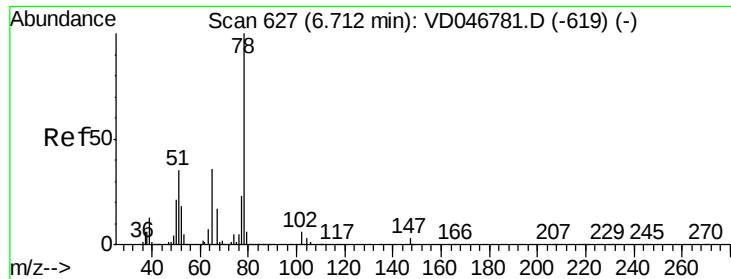
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

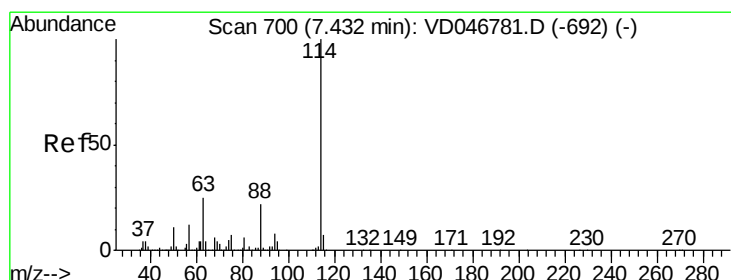
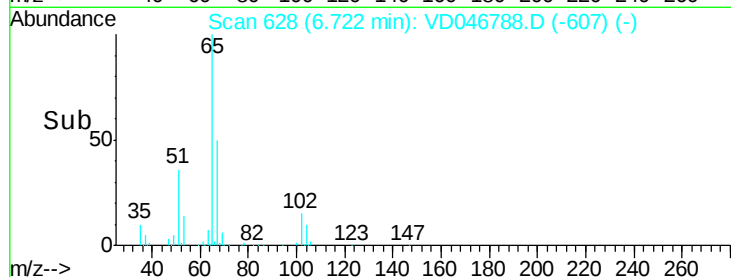
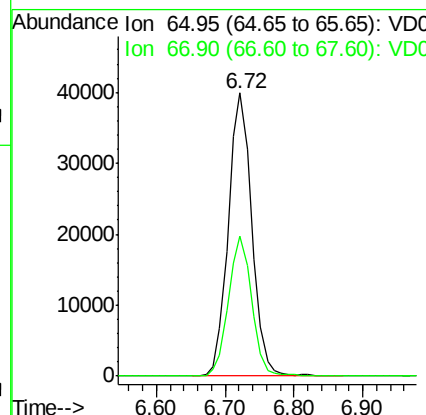
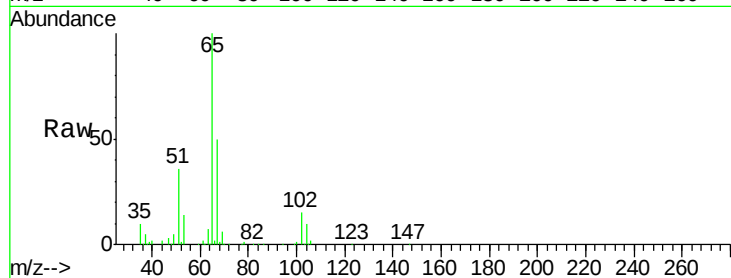




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 6.72 min Scan# 628
 Delta R.T. 0.01 min
 Lab File: VD046788.D
 Acq: 18 Sep 2015 17:54

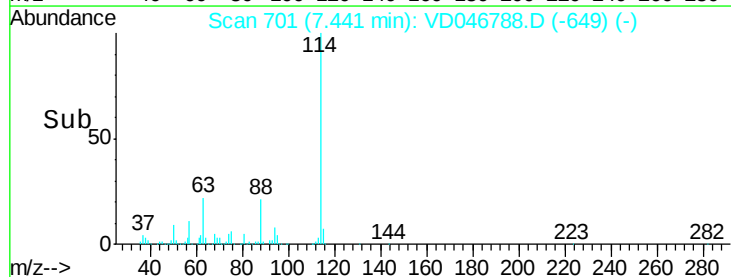
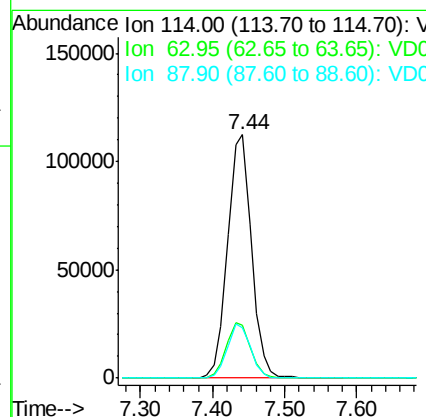
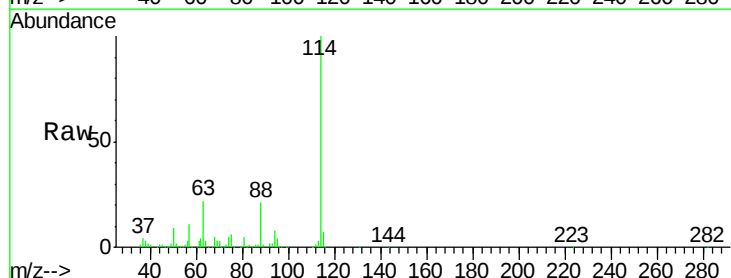
Instrument :
 MSVOA_D
 ClientSampleId :
 DTW1S

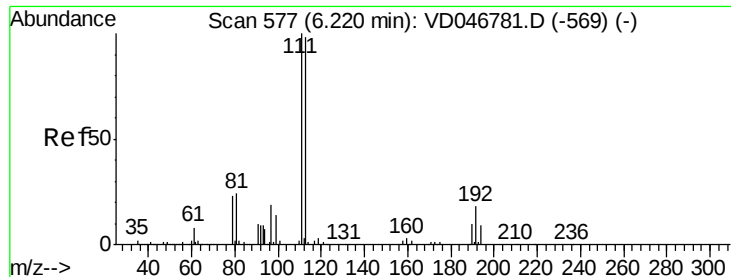
Tgt Ion: 65 Resp: 94601
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.44 min Scan# 701
 Delta R.T. 0.01 min
 Lab File: VD046788.D
 Acq: 18 Sep 2015 17:54

Tgt Ion: 114 Resp: 257757
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 49.8
 88 20.6 0.0 43.6





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.22 min Scan# 577

Delta R.T. -0.00 min

Lab File: VD046788.D

Acq: 18 Sep 2015 17:54

Instrument :

MSVOA_D

ClientSampleId :

DTW1S

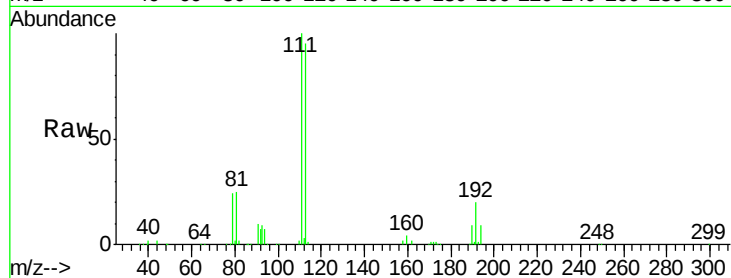
Tgt Ion:113 Resp: 101048

Ion Ratio Lower Upper

113 100

111 105.0 79.4 119.0

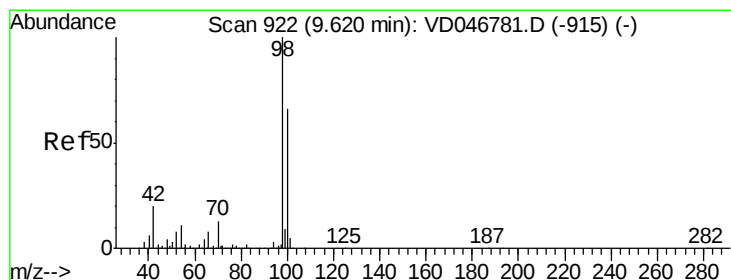
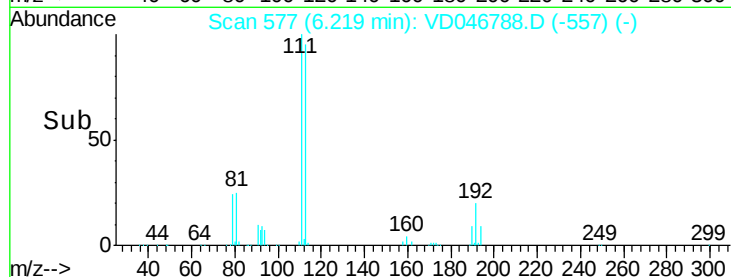
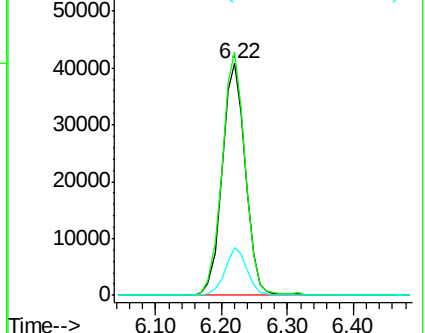
192 20.5 14.6 22.0



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: VD046788.D

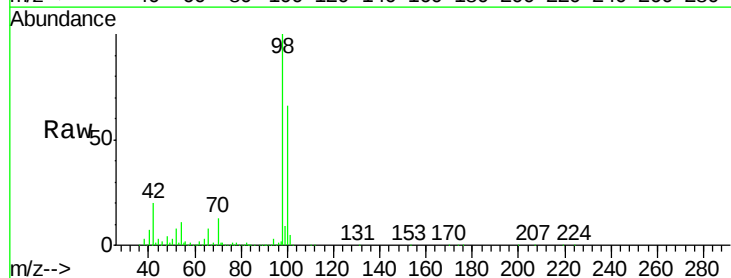
Acq: 18 Sep 2015 17:54

Tgt Ion: 98 Resp: 285951

Ion Ratio Lower Upper

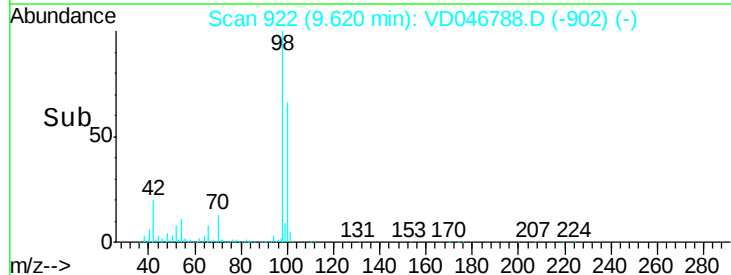
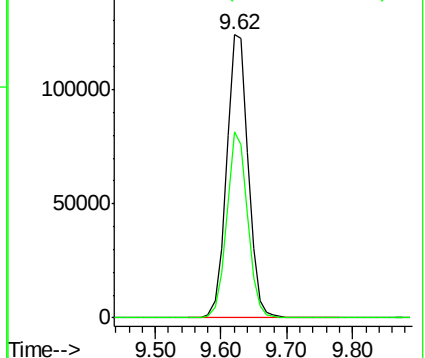
98 100

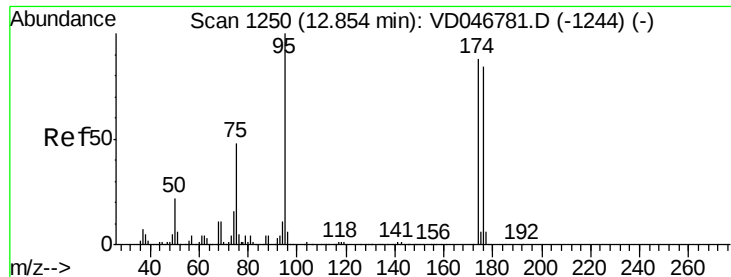
100 65.8 49.9 74.9



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: VD046788.D

Acq: 18 Sep 2015 17:54

Instrument :

MSVOA_D

ClientSampleId :

DTW1S

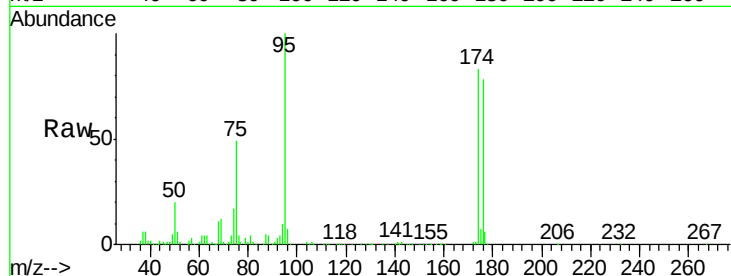
Tgt Ion: 95 Resp: 92785

Ion Ratio Lower Upper

95 100

174 83.0 0.0 149.8

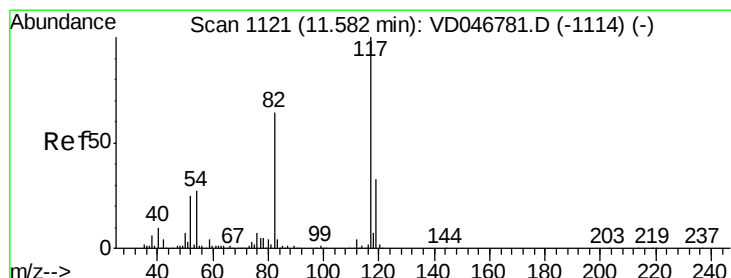
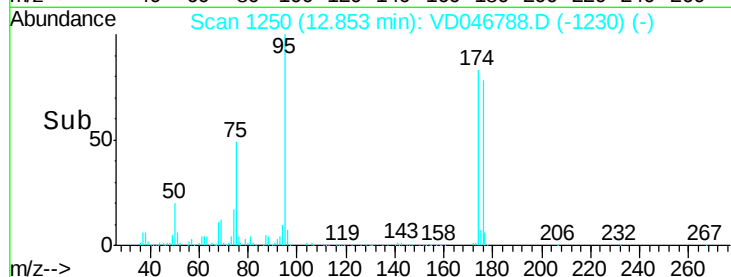
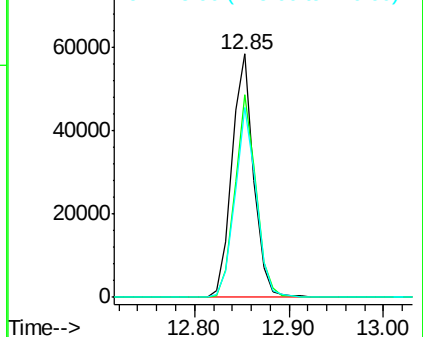
176 77.8 0.0 143.4



Abundance Ion 95.00 (94.70 to 95.70): VD046788.D (-1230) (-)

Ion 173.90 (173.60 to 174.60): VD046788.D (-1230) (-)

Ion 175.90 (175.60 to 176.60): VD046788.D (-1230) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.58 min Scan# 1121

Delta R.T. -0.00 min

Lab File: VD046788.D

Acq: 18 Sep 2015 17:54

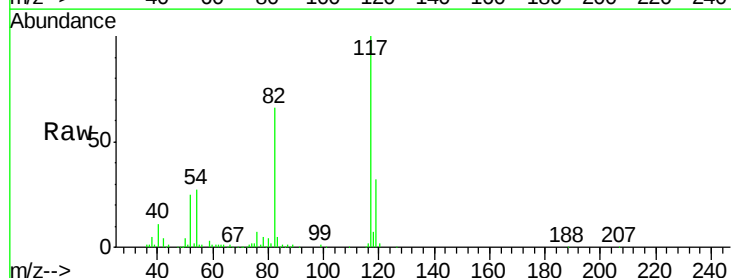
Tgt Ion: 117 Resp: 215573

Ion Ratio Lower Upper

117 100

82 66.5 50.6 75.8

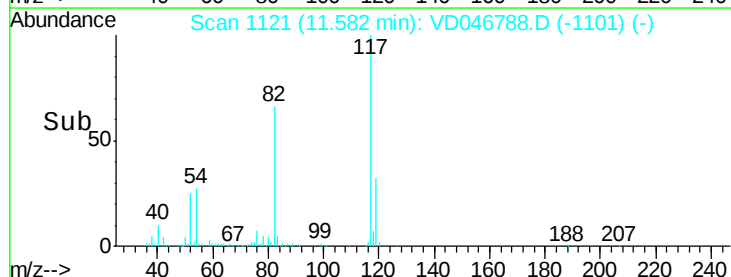
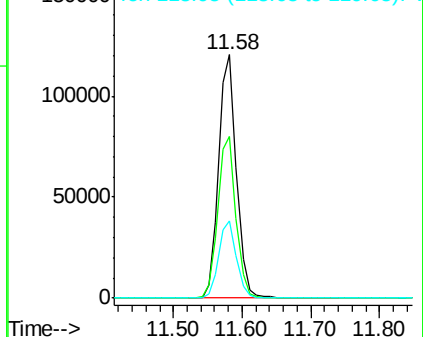
119 31.8 25.8 38.8

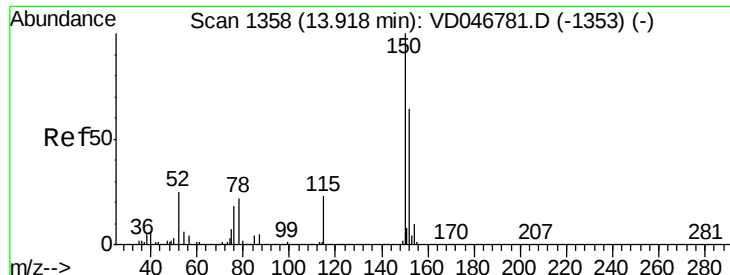


Abundance Ion 116.95 (116.65 to 117.65): VD046788.D (-1101) (-)

Ion 82.05 (81.75 to 82.75): VD046788.D (-1101) (-)

Ion 118.95 (118.65 to 119.65): VD046788.D (-1101) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.92 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VD046788.D

Acq: 18 Sep 2015 17:54

Instrument :

MSVOA_D

ClientSampleId :

DTW1S

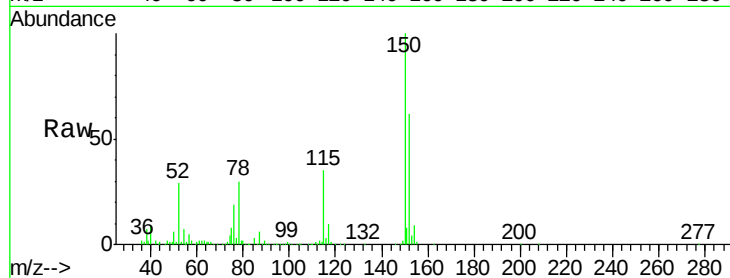
Tgt Ion:152 Resp: 78137

Ion Ratio Lower Upper

152 100

115 56.9 26.2 78.6

150 162.6 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

