

Data Path : W:\HPCHEM1\MSVOA D\DATA\VD092115\
 Data File : VD046819.D
 Acq On : 21 Sep 2015 20:40
 Operator : FY/SY
 Sample : G3727-01
 Misc : 4.56µm/5mL/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MMB5

Quant Time: Sep 22 10:52:27 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	6.30	168	273503	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.42	114	370928	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.56	117	295444	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.90	152	135650	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.70	65	108933	38.31	ug/l	-0.01
Spiked Amount			Recovery	=	76.62%	
35) Dibromofluoromethane	6.20	113	122027	42.05	ug/l	-0.02
Spiked Amount			Recovery	=	84.10%	
50) Toluene-d8	9.60	98	338400	36.96	ug/l	-0.02
Spiked Amount			Recovery	=	73.92%	
62) 4-Bromofluorobenzene	12.84	95	124839	33.86	ug/l	-0.01
Spiked Amount			Recovery	=	67.72%	

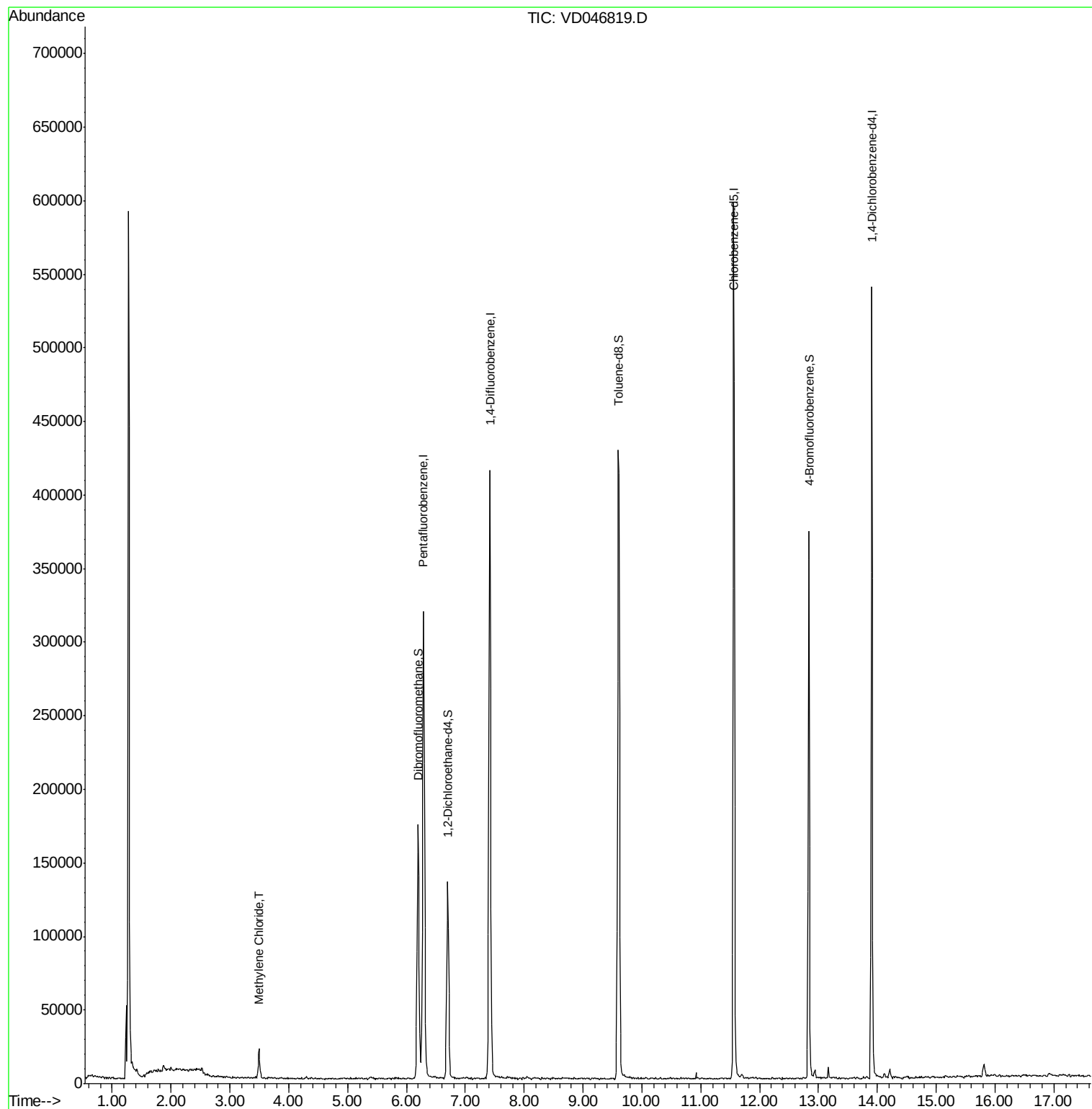
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
21) Methylene Chloride	3.50	84	8617	3.30	ug/l	# 86

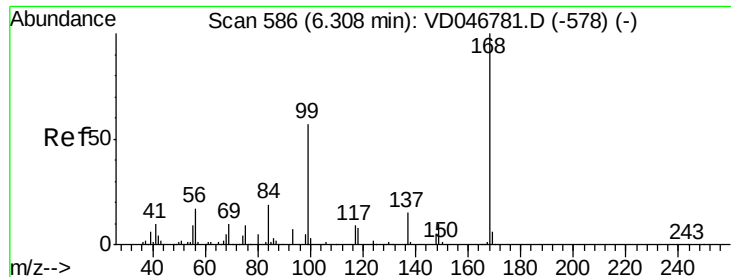
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA D\DATA\VD092115\
Data File : VD046819.D
Acq On : 21 Sep 2015 20:40
Operator : FY/SY
Sample : G3727-01
Misc : 4.56qm/5mL/MSVOA D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MMB5

Quant Time: Sep 22 10:52:27 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.30 min Scan# 585

Delta R.T. -0.01 min

Lab File: VD046819.D

Acq: 21 Sep 2015 20:40

Instrument :

MSVOA_D

ClientSampleId :

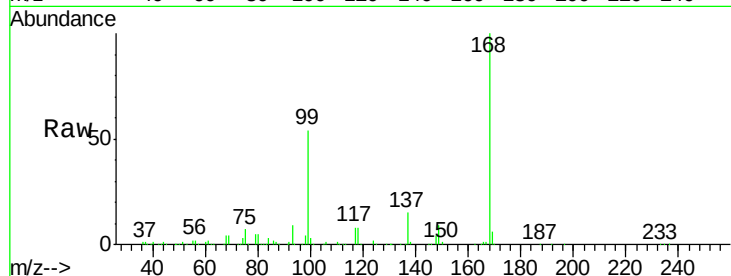
MMB5

Tot Ion:168 Resp: 273503

Ion Ratio Lower Upper

168 100

99 53.6 42.4 63.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.30

120000

100000

80000

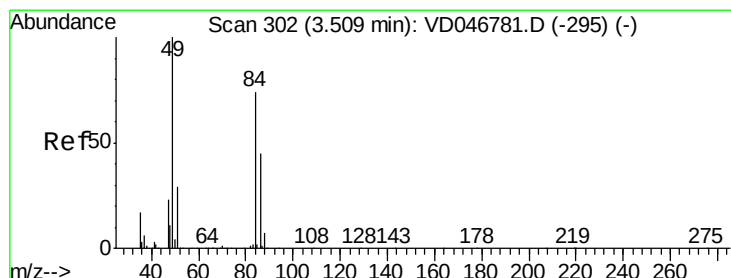
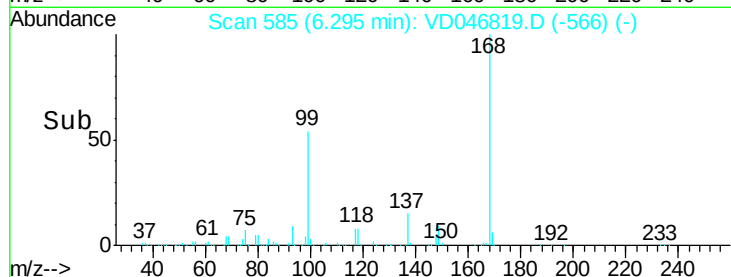
60000

40000

20000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#21

Methylene Chloride

Concen: 3.30 ug/l

RT: 3.50 min Scan# 301

Delta R.T. -0.01 min

Lab File: VD046819.D

Acq: 21 Sep 2015 20:40

Tgt Ion: 84 Resp: 8617

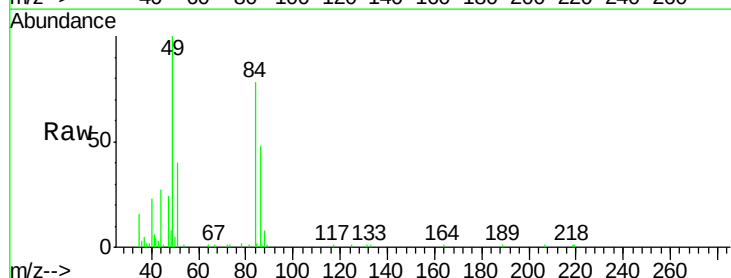
Ion Ratio Lower Upper

84 100

49 128.2 122.1 183.1

51 50.9 33.6 50.4#

86 62.0 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

8000

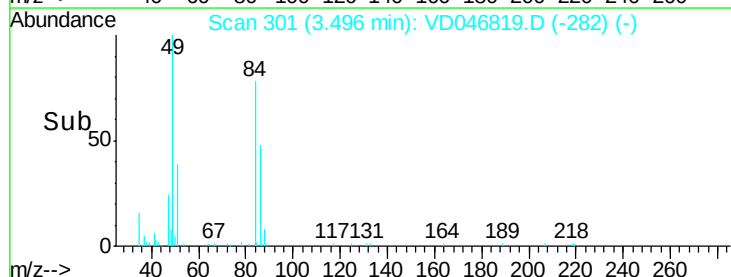
6000

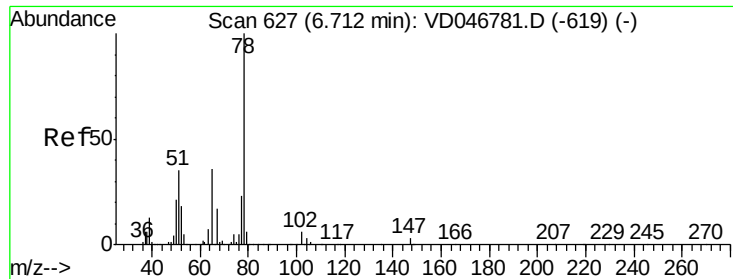
4000

2000

0

Time--> 3.40 3.50 3.60

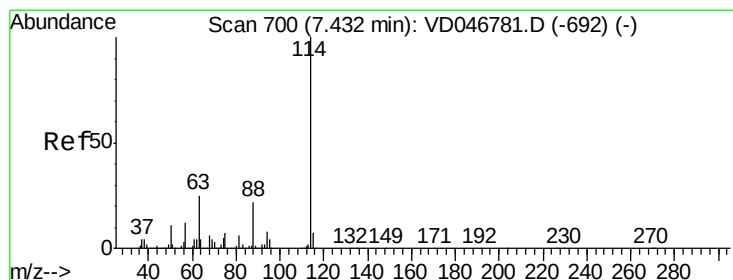
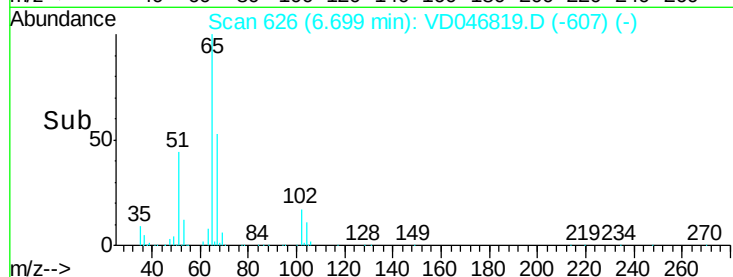
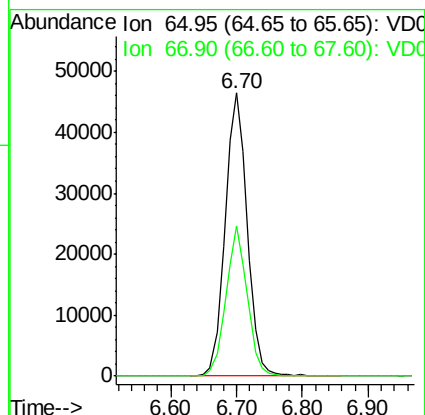
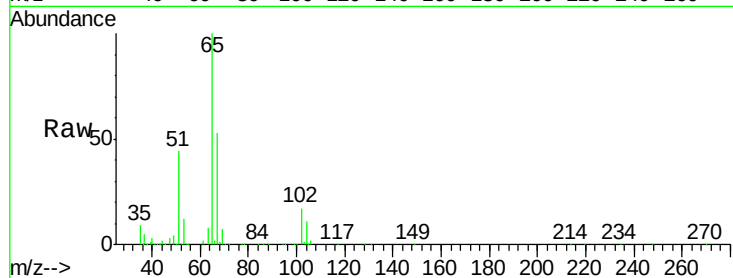




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 6.70 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: VD046819.D
 Acq: 21 Sep 2015 20:40

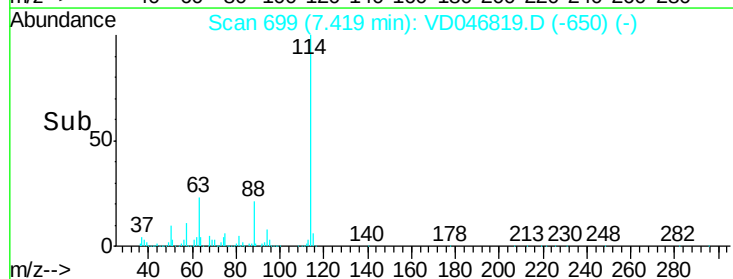
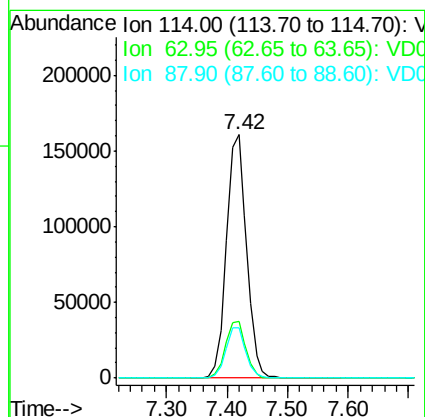
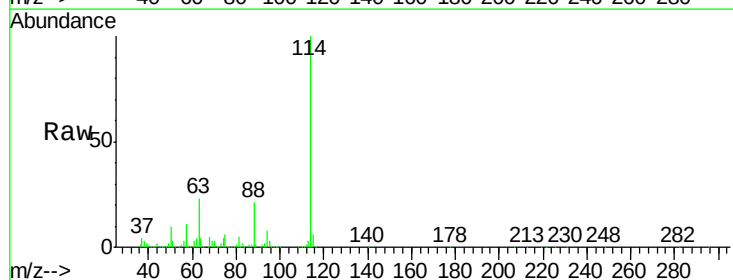
Instrument :
 MSVOA_D
 ClientSampleId :
 MMB5

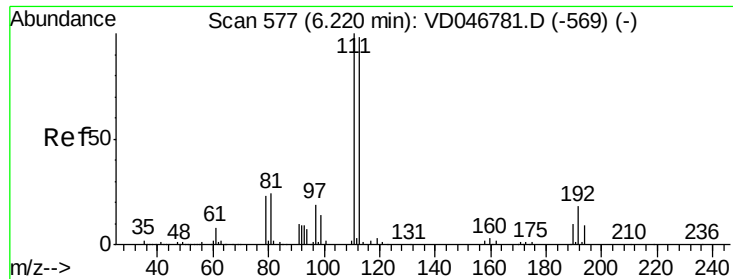
Tot Ion: 65 Resp: 108933
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.42 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: VD046819.D
 Acq: 21 Sep 2015 20:40

Tgt Ion: 114 Resp: 370928
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 49.8
 88 20.8 0.0 43.6

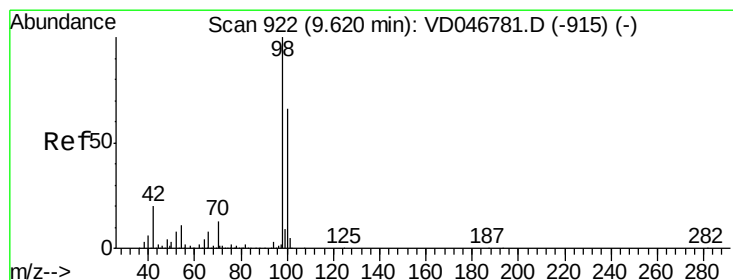
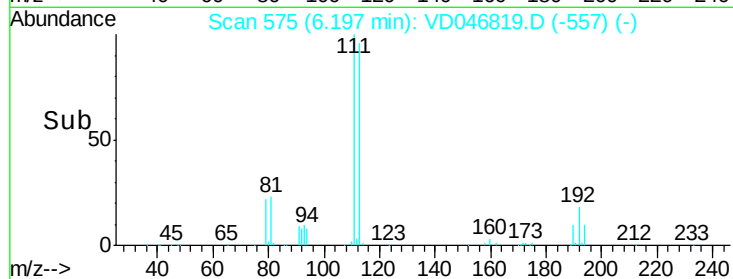
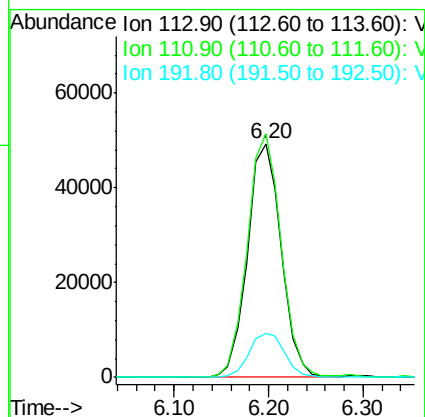
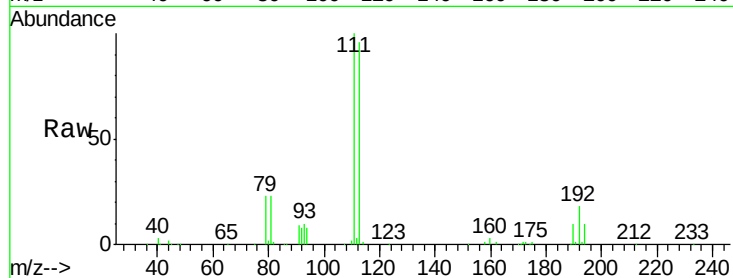




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.20 min Scan# 575
 Delta R.T. -0.02 min
 Lab File: VD046819.D
 Acq: 21 Sep 2015 20:40

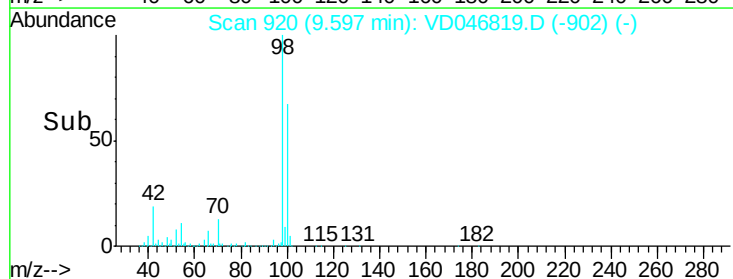
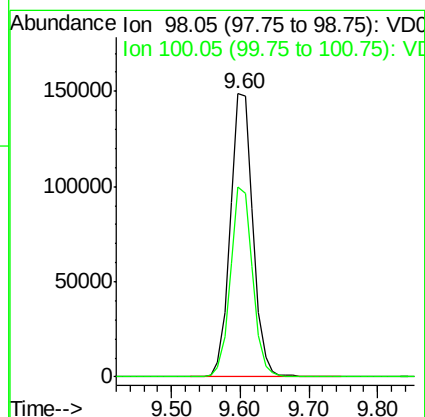
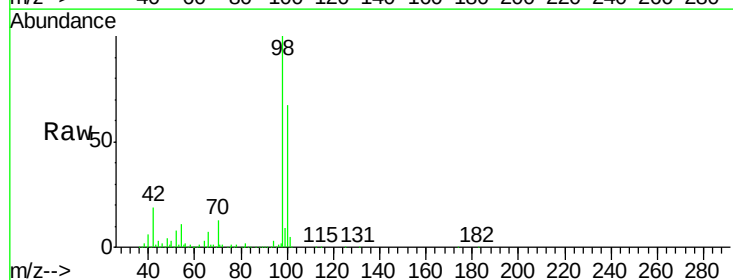
Instrument :
 MSVOA_D
 ClientSampleId :
 MMB5

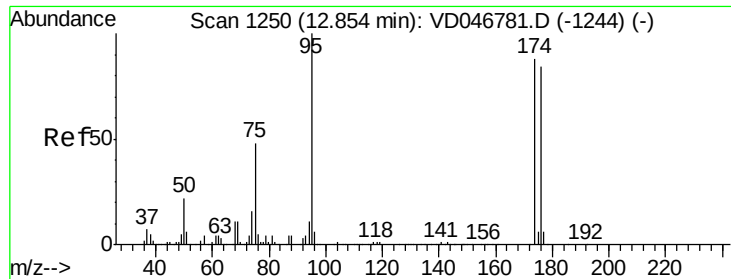
Tot Ion:	113	Resp:	122027
Ion	Ratio	Lower	Upper
113	100		
111	104.2	79.4	119.0
192	18.9	14.6	22.0



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.60 min Scan# 920
 Delta R.T. -0.02 min
 Lab File: VD046819.D
 Acq: 21 Sep 2015 20:40

Tgt Ion:	98	Resp:	338400
Ion	Ratio	Lower	Upper
98	100		
100	67.0	49.9	74.9

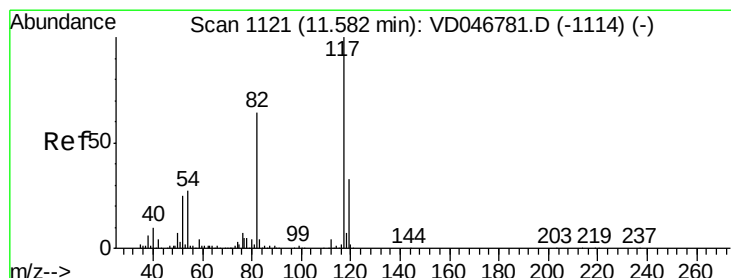
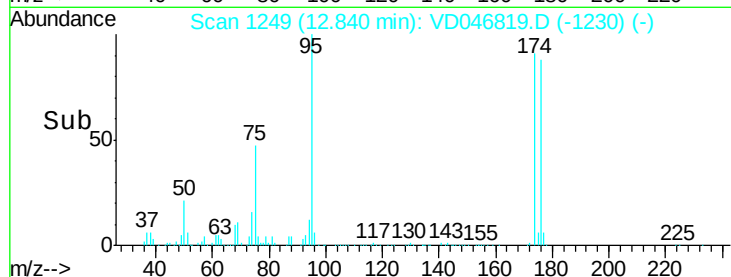
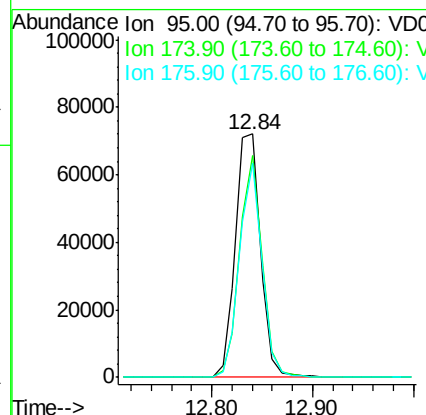
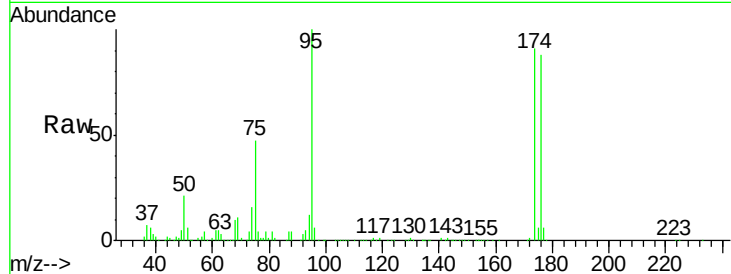




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.84 min Scan# 1249
Delta R.T. -0.01 min
Lab File: VD046819.D
Acq: 21 Sep 2015 20:40

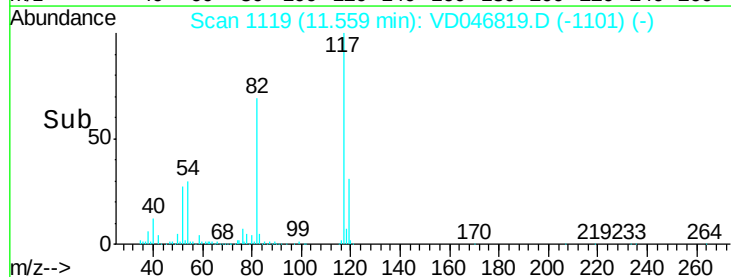
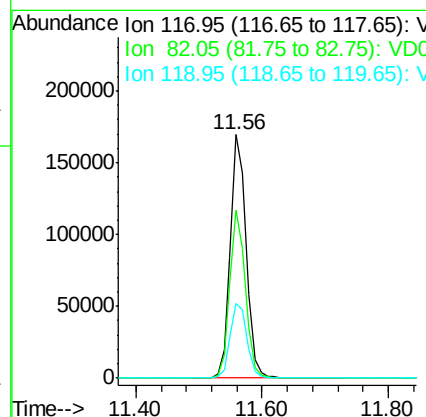
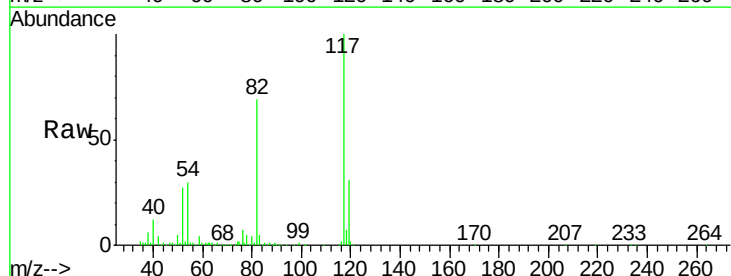
Instrument :
MSVOA_D
ClientSampleId :
MMB5

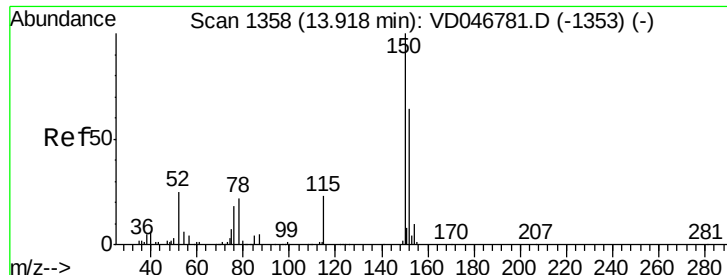
Tot Ion: 95 Resp: 124839
Ion Ratio Lower Upper
95 100
174 91.0 0.0 149.8
176 87.8 0.0 143.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.56 min Scan# 1119
Delta R.T. -0.02 min
Lab File: VD046819.D
Acq: 21 Sep 2015 20:40

Tgt Ion: 117 Resp: 295444
Ion Ratio Lower Upper
117 100
82 69.2 50.6 75.8
119 30.7 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.90 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VD046819.D

Acq: 21 Sep 2015 20:40

Instrument :

MSVOA_D

ClientSampleId :

MMB5

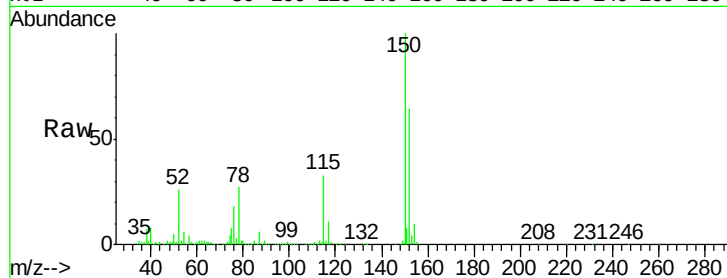
Tot Ion:152 Resp: 135650

Ion Ratio Lower Upper

152 100

115 50.8 26.2 78.6

150 155.6 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

