

Data Path : W:\HPCHEM1\MSVOA D\DATA\VD092115\
 Data File : VD046818.D
 Acq On : 21 Sep 2015 20:13
 Operator : FY/SY
 Sample : G3727-04
 Misc : 6.38qm/5mL/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MMB7A

Quant Time: Sep 22 10:52:08 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

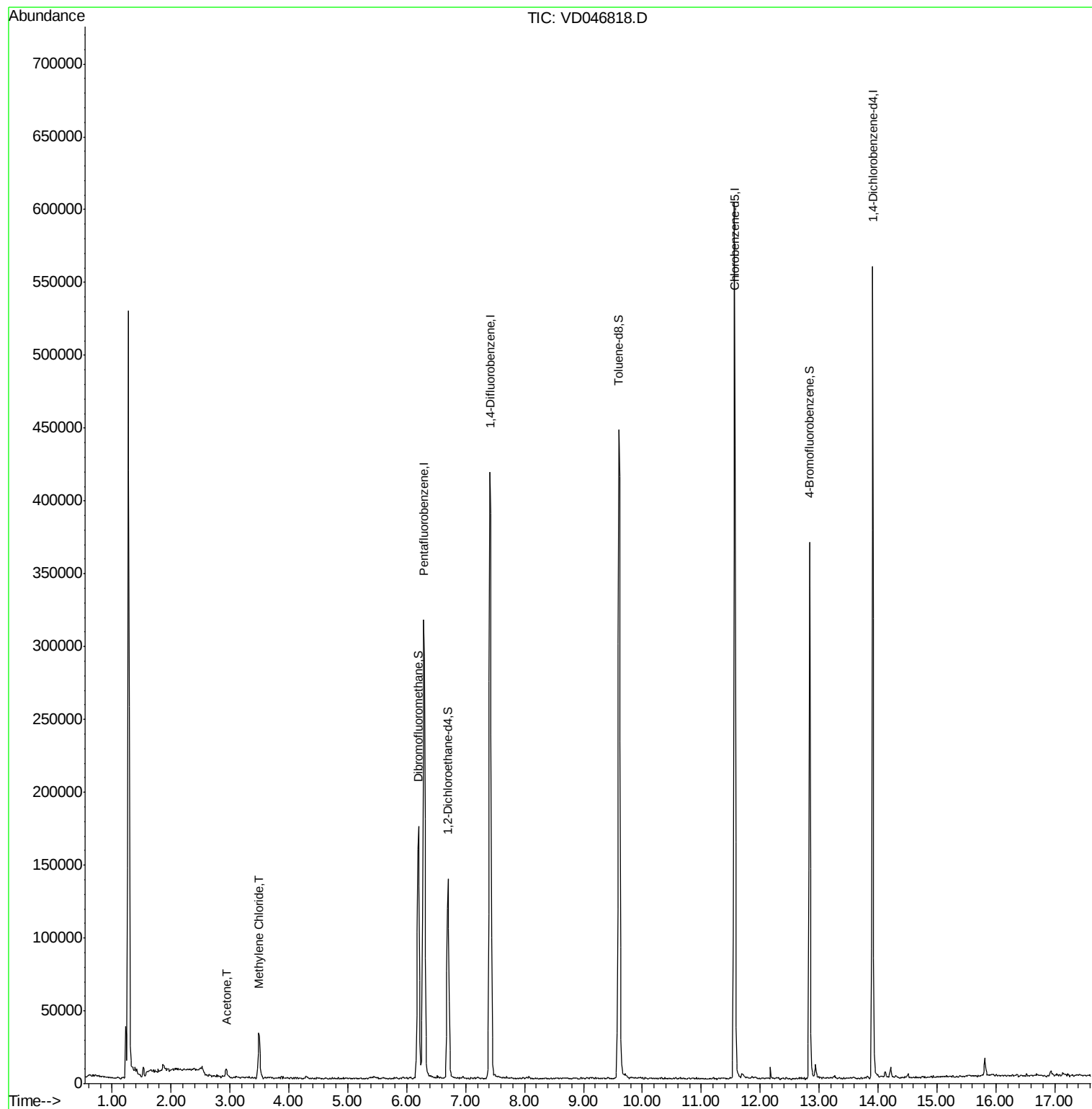
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.29	168	263424	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.41	114	367944	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.56	117	293038	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.91	152	137658	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.70	65	113619	41.48	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	82.96%	
35) Dibromofluoromethane	6.20	113	123979	43.07	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	86.14%	
50) Toluene-d8	9.60	98	347294	38.24	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	76.48%	
62) 4-Bromofluorobenzene	12.83	95	125885	34.42	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	68.84%	
Target Compounds						
17) Acetone	2.94	43	8044	17.38	ug/l	Qvalue 96
21) Methylene Chloride	3.49	84	13410	5.34	ug/l #	90

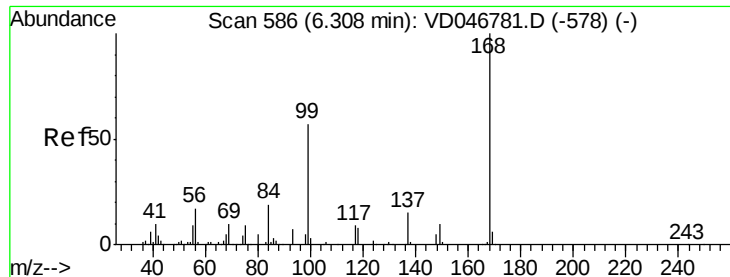
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.29 min Scan# 584

Delta R.T. -0.02 min

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Acq: 21 Sep 2015 20:13

Instrument :

MSVOA_D

ClientSampleId :

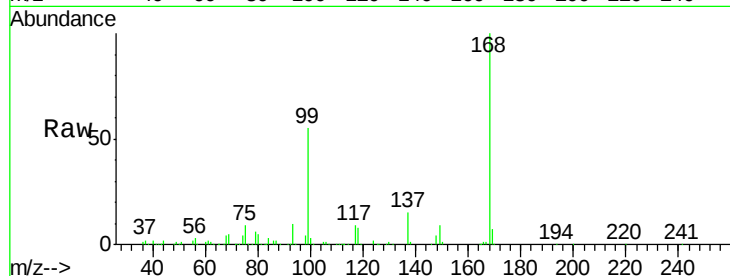
MMB7A

Tot Ion:168 Resp: 263424

Ion Ratio Lower Upper

168 100

99 54.7 42.4 63.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.29

120000

100000

80000

60000

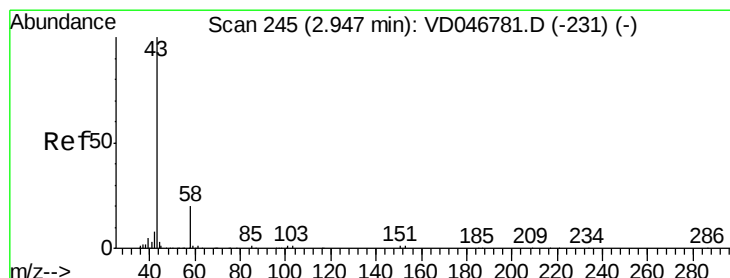
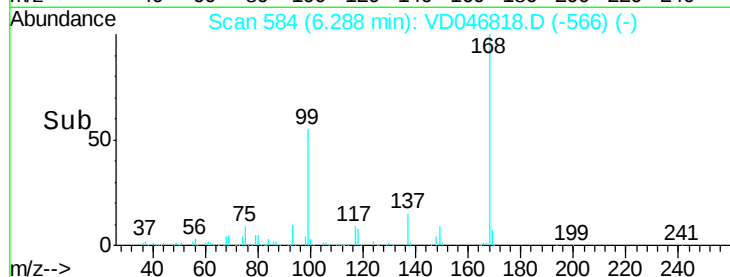
40000

20000

0

Time-->

6.20 6.30 6.40



#17

Acetone

Concen: 17.38 ug/l

RT: 2.94 min Scan# 244

Delta R.T. -0.01 min

Lab File: VD046818.D

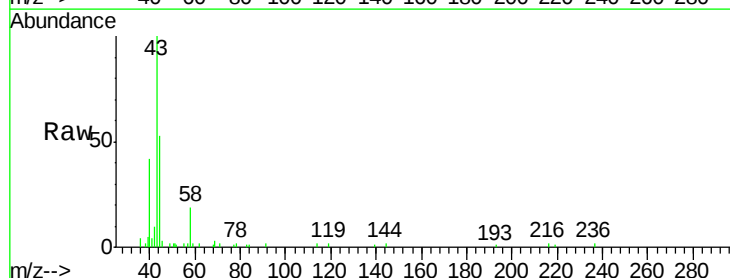
Acq: 21 Sep 2015 20:13

Tgt Ion: 43 Resp: 8044

Ion Ratio Lower Upper

43 100

58 18.9 16.6 24.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.94

4000

3000

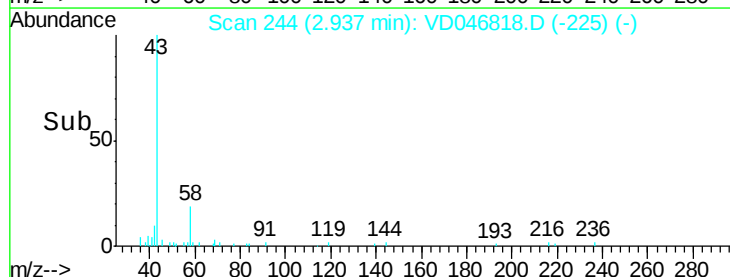
2000

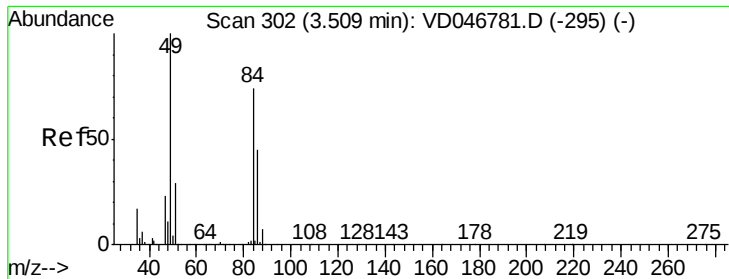
1000

0

Time-->

2.80 2.90 3.00





#21

Methylene Chloride

Concen: 5.34 ug/l

RT: 3.49 min Scan# 300

Delta R.T. -0.02 min

Lab File: VD046818.D

Acq: 21 Sep 2015 20:13

Instrument :

MSVOA_D

ClientSampleId :

MMB7A

Tot Ion: 84 Resp: 13410

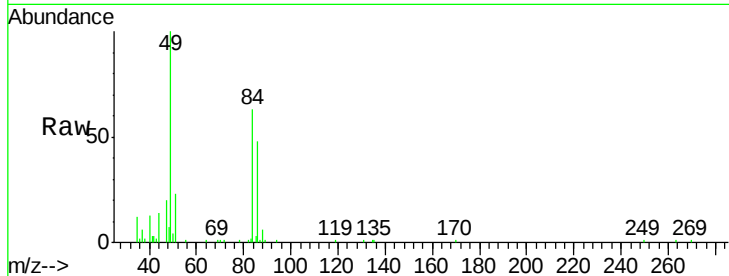
Ion Ratio Lower Upper

84 100

49 159.2 122.1 183.1

51 35.9 33.6 50.4

86 76.2 48.3 72.5#

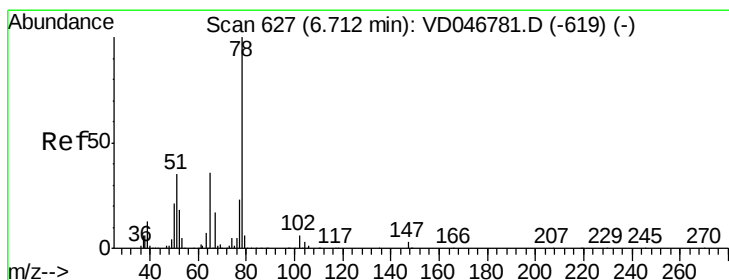
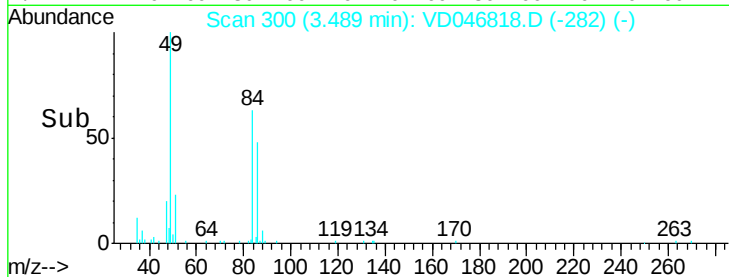
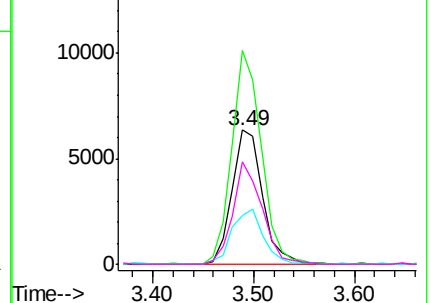


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 6.70 min Scan# 626

Delta R.T. -0.01 min

Lab File: VD046818.D

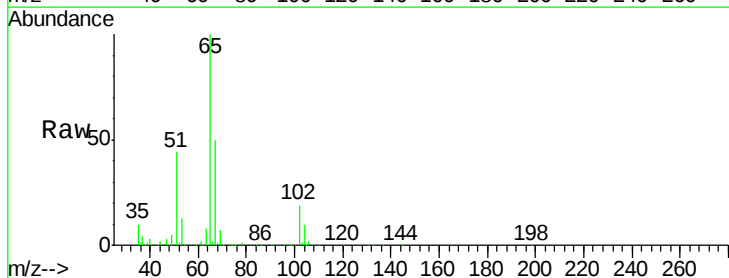
Acq: 21 Sep 2015 20:13

Tgt Ion: 65 Resp: 113619

Ion Ratio Lower Upper

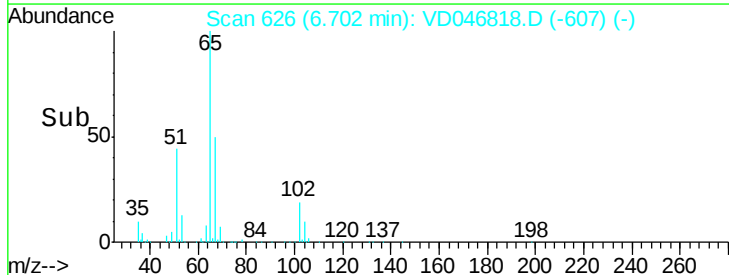
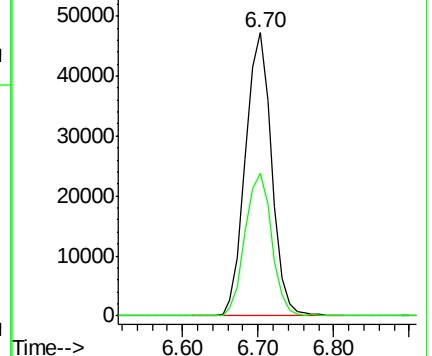
65 100

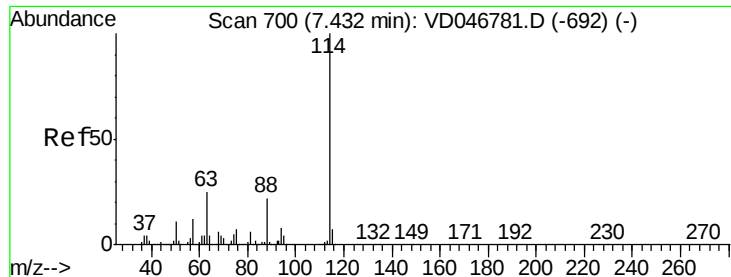
67 50.4 0.0 105.4



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: 7.41 min Scan# 698

Delta R.T. -0.02 min

Lab File: VD046818.D

Acq: 21 Sep 2015 20:13

Instrument :

MSVOA_D

ClientSampleId :

MMB7A

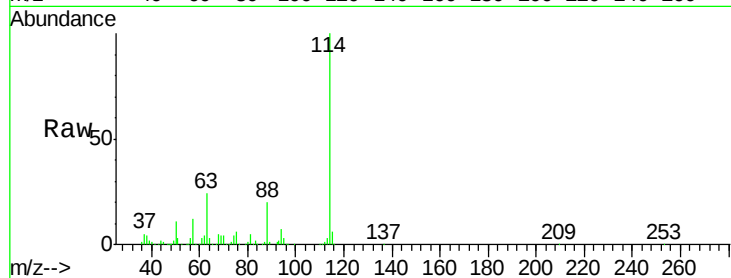
Tot Ion:114 Resp: 367944

Ion Ratio Lower Upper

114 100

63 24.1 0.0 49.8

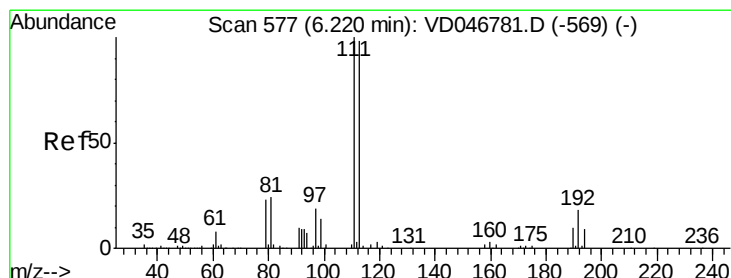
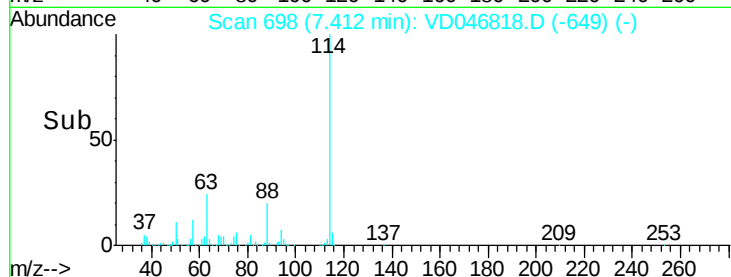
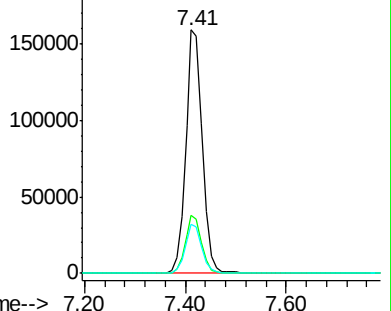
88 19.9 0.0 43.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.20 min Scan# 575

Delta R.T. -0.02 min

Lab File: VD046818.D

Acq: 21 Sep 2015 20:13

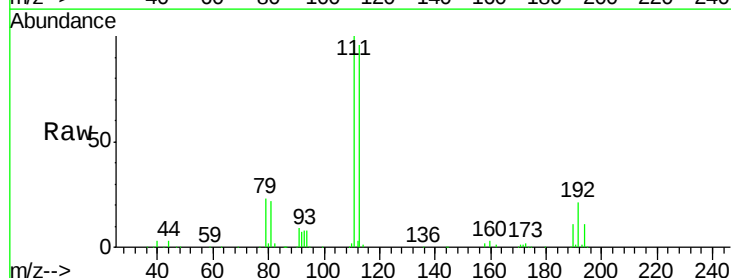
Tgt Ion:113 Resp: 123979

Ion Ratio Lower Upper

113 100

111 104.1 79.4 119.0

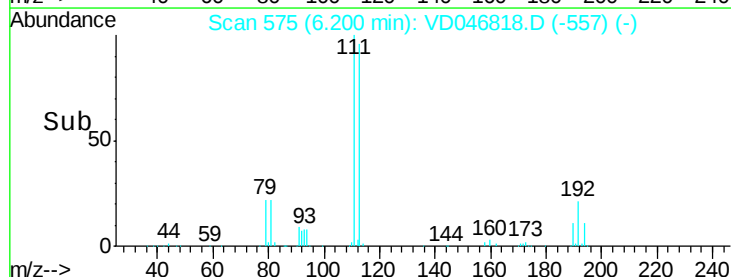
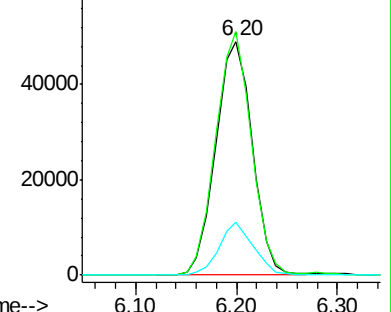
192 22.3 14.6 22.0#

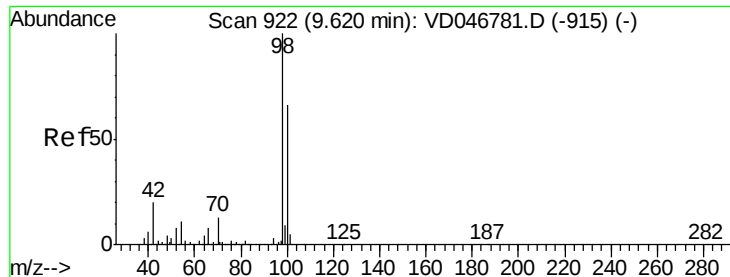


Abundance Ion 112.90 (112.60 to 113.60): V

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: 9.60 min Scan# 920

Delta R.T. -0.02 min

Lab File: VD046818.D

Acq: 21 Sep 2015 20:13

Instrument :

MSVOA_D

ClientSampleId :

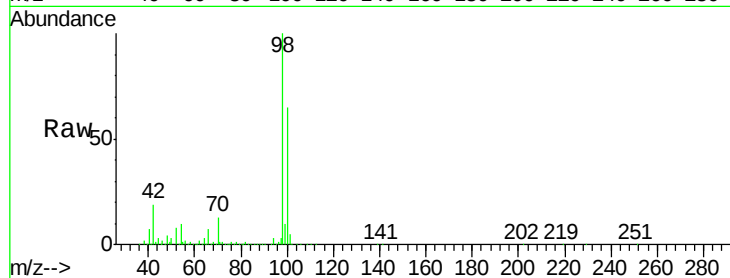
MMB7A

Tot Ion: 98 Resp: 347294

Ion Ratio Lower Upper

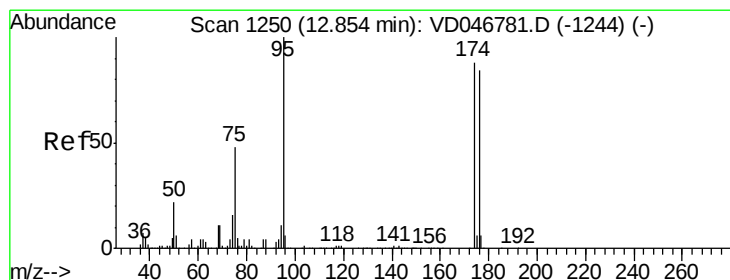
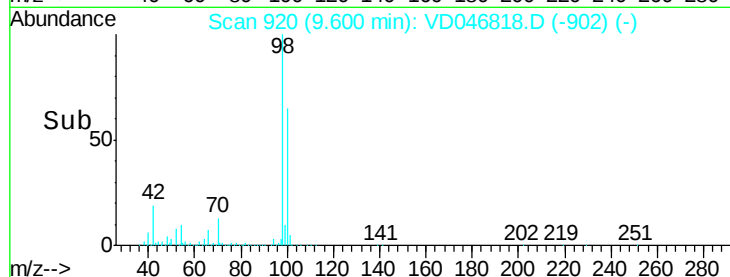
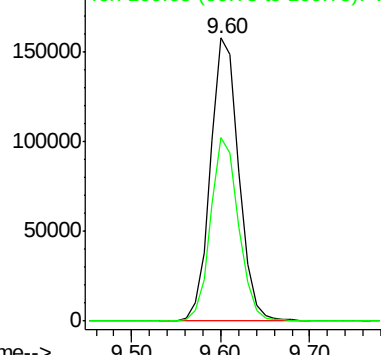
98 100

100 64.8 49.9 74.9



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.83 min Scan# 1248

Delta R.T. -0.02 min

Lab File: VD046818.D

Acq: 21 Sep 2015 20:13

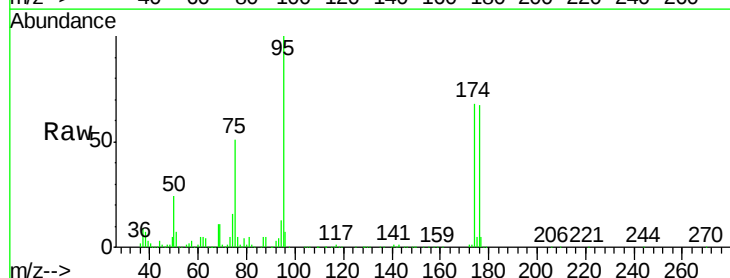
Tgt Ion: 95 Resp: 125885

Ion Ratio Lower Upper

95 100

174 68.4 0.0 149.8

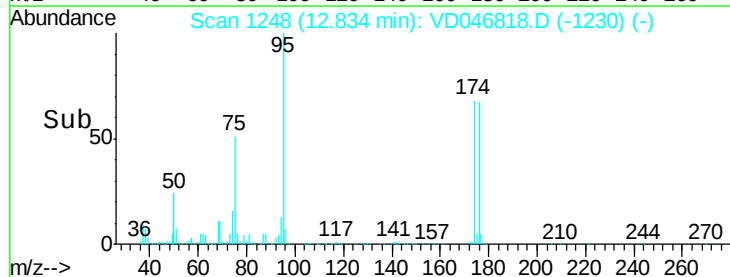
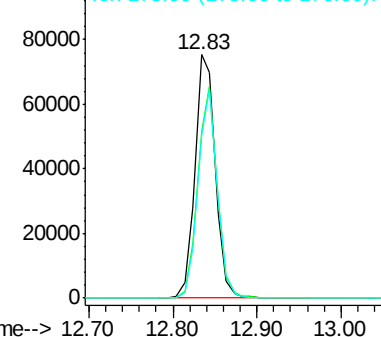
176 66.7 0.0 143.4

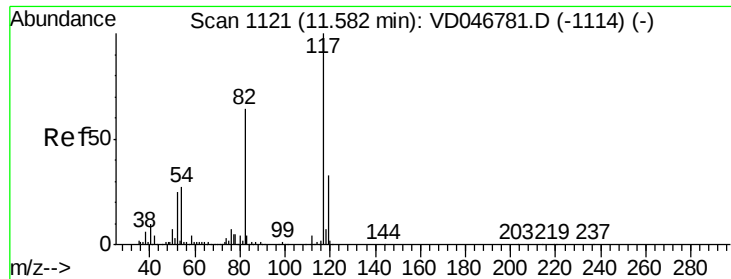


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

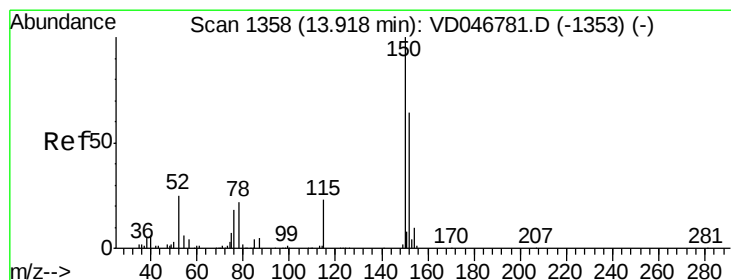
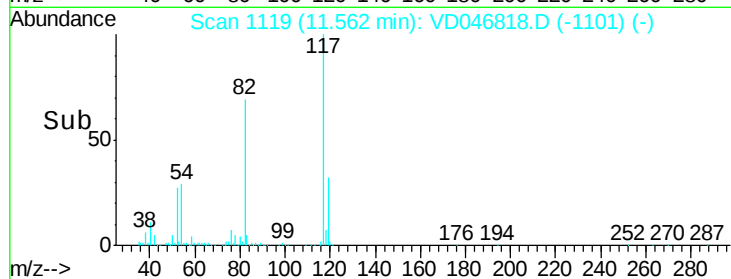
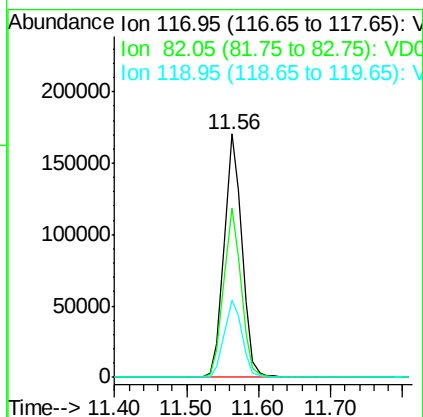
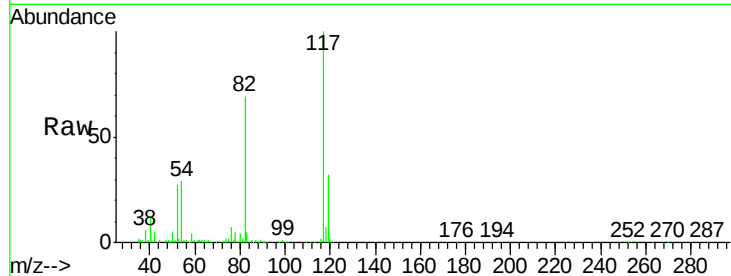




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.56 min Scan# 1119
Delta R.T. -0.02 min
Lab File: VD046818.D
Acq: 21 Sep 2015 20:13

Instrument :
MSVOA_D
ClientSampleId :
MMB7A

Tot Ion	Ratio	Lower	Upper
117	100		
82	69.3	50.6	75.8
119	31.9	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.91 min Scan# 1357
Delta R.T. -0.01 min
Lab File: VD046818.D
Acq: 21 Sep 2015 20:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	50.8	26.2	78.6
150	154.4	0.0	311.8

