

Data Path : W:\HPCHEM1\MSVOA D\DATA\VD092315\
 Data File : VD046855.D
 Acq On : 23 Sep 2015 15:10
 Operator : FY/SY
 Sample : G3779-01
 Misc : 5.01gm/5mL/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S1-18

Quant Time: Sep 24 03:13:57 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	169875	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.42	114	225117	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.57	117	215471	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.91	152	107639	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.70	65	78684	44.55	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	89.10%	
35) Dibromofluoromethane	6.20	113	79715	45.26	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	90.52%	
50) Toluene-d8	9.61	98	224839	40.46	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	80.92%	
62) 4-Bromofluorobenzene	12.84	95	91886	41.07	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	82.14%	

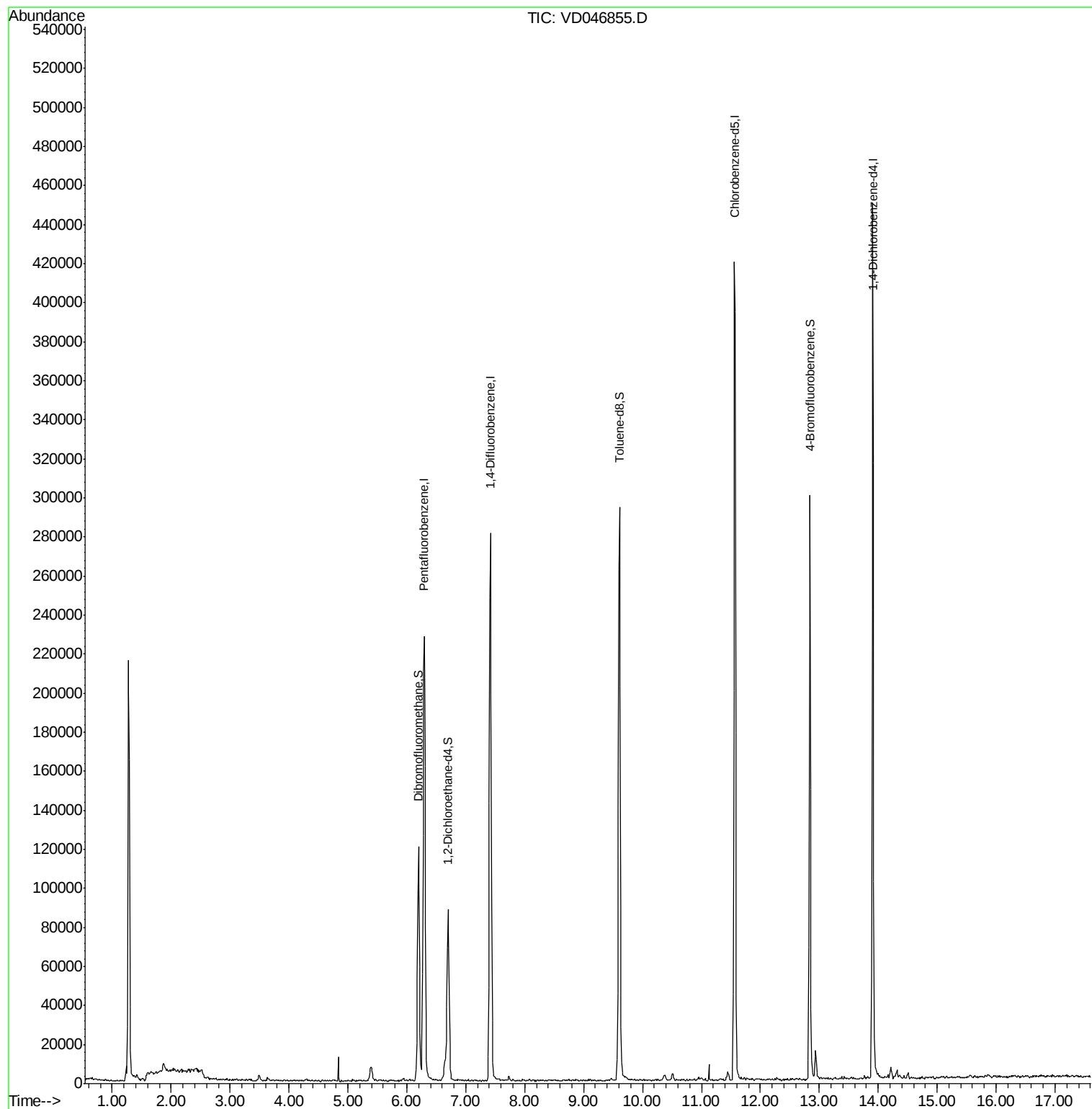
Target Compounds	Qvalue

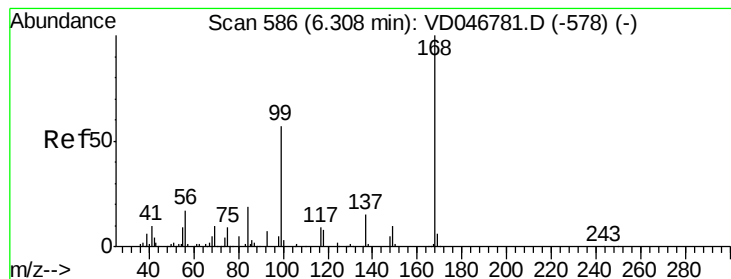
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA D\DATA\VD092315\
Data File : VD046855.D
Acq On : 23 Sep 2015 15:10
Operator : FY/SY
Sample : G3779-01
Misc : 5.01µm/5mL/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S1-18

Quant Time: Sep 24 03:13:57 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: VD046855.D

Acq: 23 Sep 2015 15:10

Instrument :

MSVOA_D

ClientSampleId :

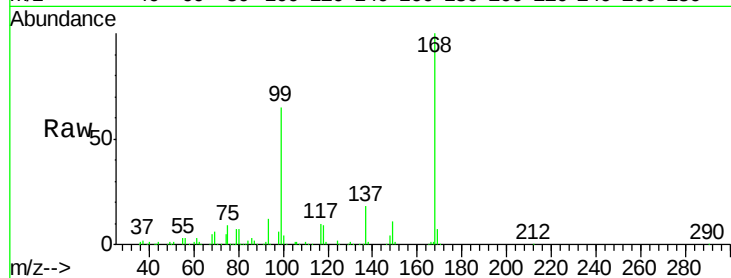
S1-18

Tot Ion:168 Resp: 169875

Ion Ratio Lower Upper

168 100

99 65.3 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

80000

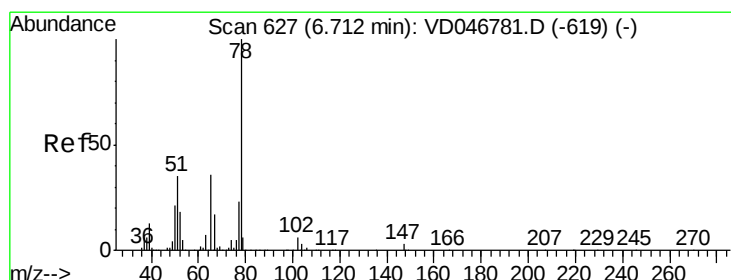
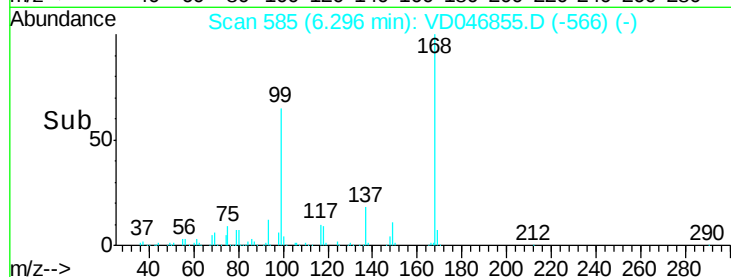
60000

40000

20000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.70 min Scan# 626

Delta R.T. -0.01 min

Lab File: VD046855.D

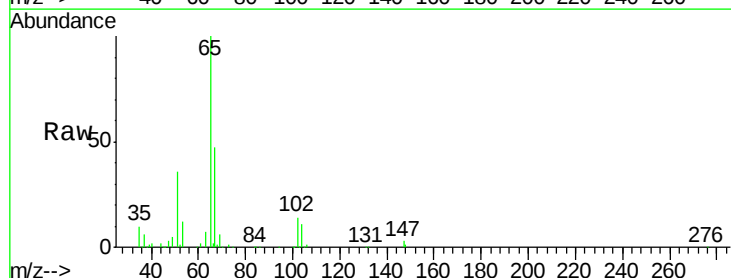
Acq: 23 Sep 2015 15:10

Tgt Ion: 65 Resp: 78684

Ion Ratio Lower Upper

65 100

67 47.5 0.0 105.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.70

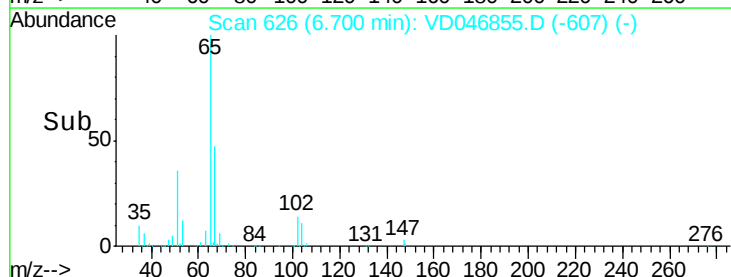
30000

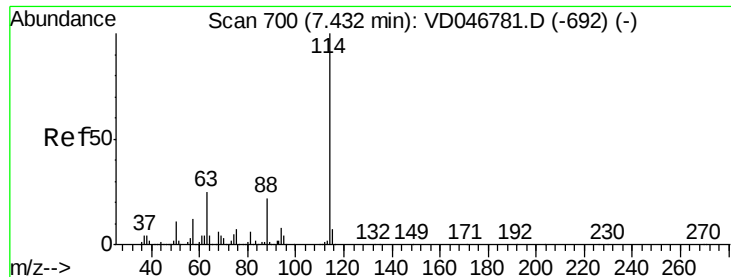
20000

10000

0

Time--> 6.60 6.70 6.80





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.42 min Scan# 699

Delta R.T. -0.01 min

Lab File: VD046855.D

Acq: 23 Sep 2015 15:10

Instrument :

MSVOA_D

ClientSampleId :

S1-18

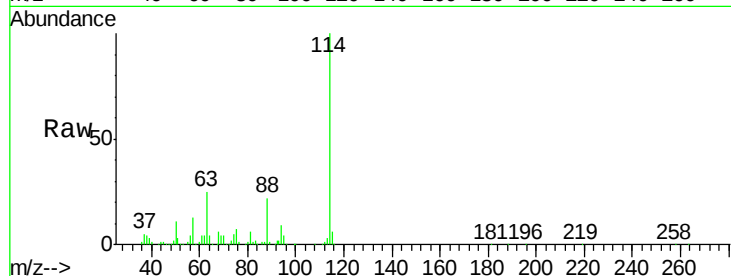
Tot Ion:114 Resp: 225117

Ion Ratio Lower Upper

114 100

63 24.6 0.0 49.8

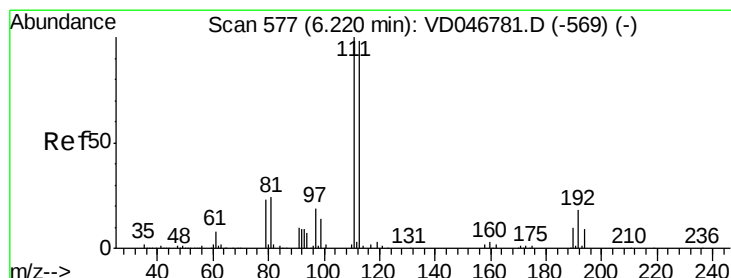
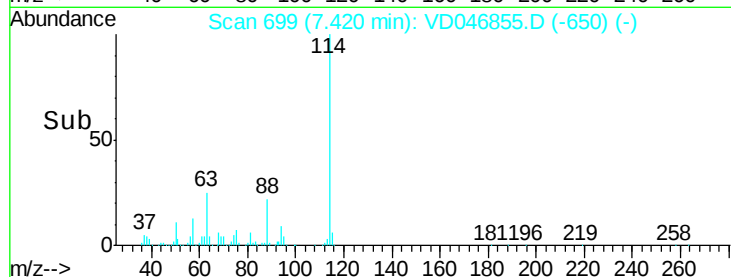
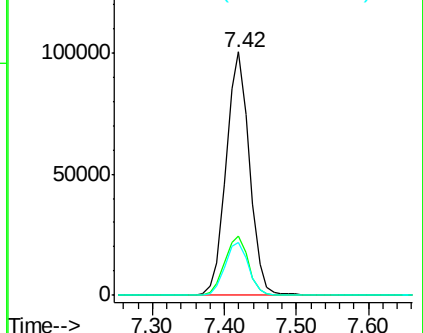
88 21.8 0.0 43.6



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: VD046855.D

Acq: 23 Sep 2015 15:10

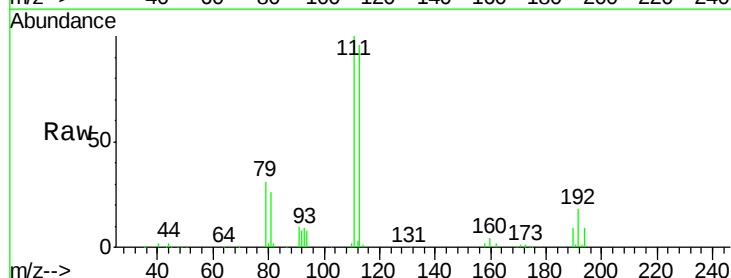
Tgt Ion:113 Resp: 79715

Ion Ratio Lower Upper

113 100

111 103.7 79.4 119.0

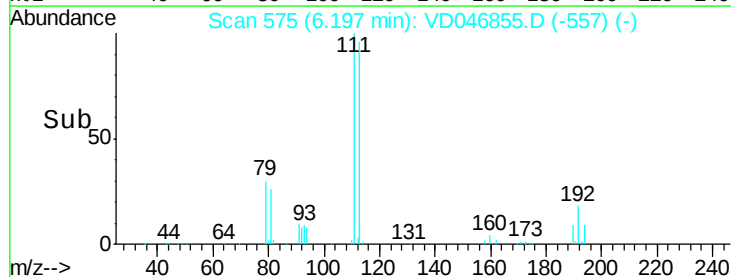
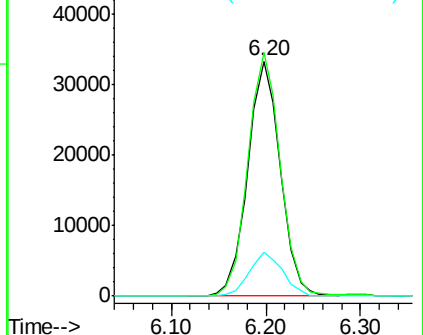
192 18.5 14.6 22.0

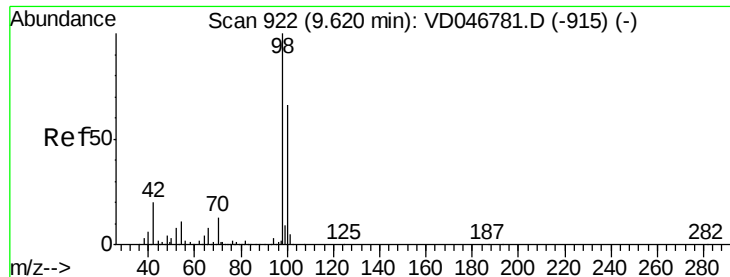


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

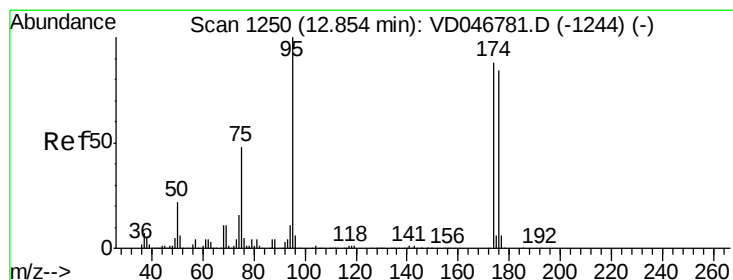
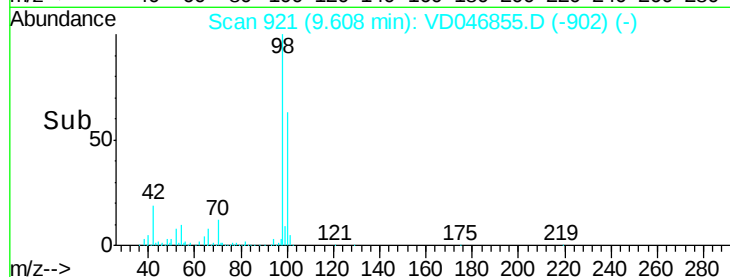
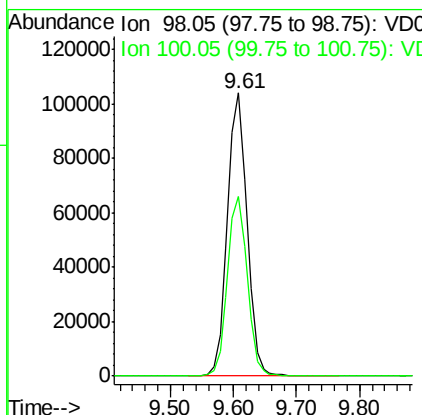
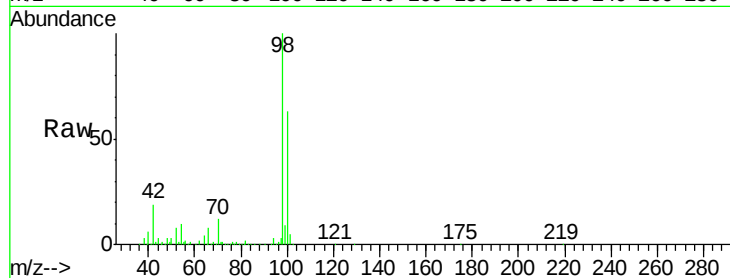




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.61 min Scan# 921
Delta R.T. -0.01 min
Lab File: VD046855.D
Acq: 23 Sep 2015 15:10

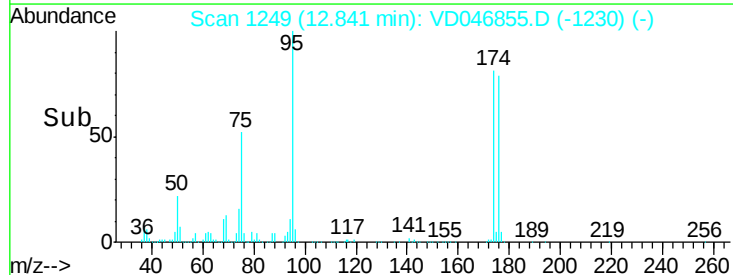
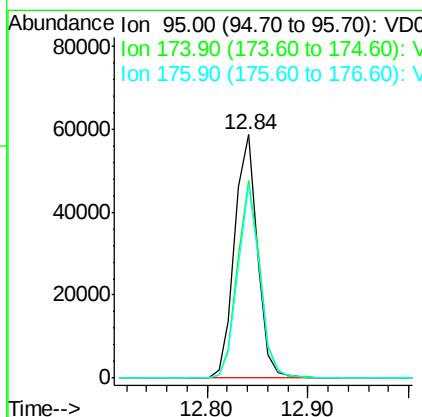
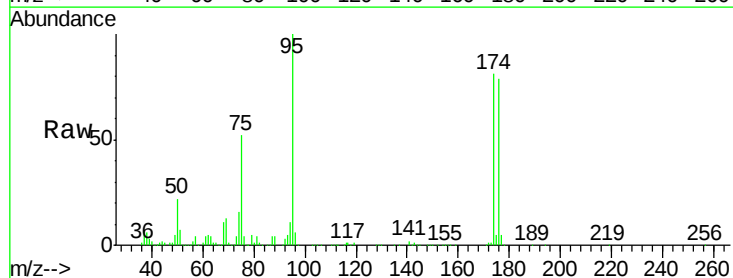
Instrument :
MSVOA_D
ClientSampleId :
S1-18

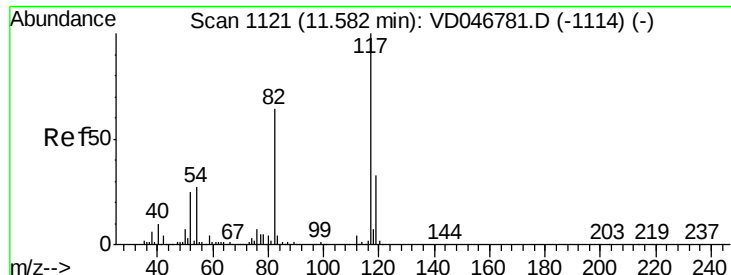
Tot Ion: 98 Resp: 224839
Ion Ratio Lower Upper
98 100
100 63.4 49.9 74.9



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.84 min Scan# 1249
Delta R.T. -0.01 min
Lab File: VD046855.D
Acq: 23 Sep 2015 15:10

Tgt Ion: 95 Resp: 91886
Ion Ratio Lower Upper
95 100
174 81.3 0.0 149.8
176 79.5 0.0 143.4

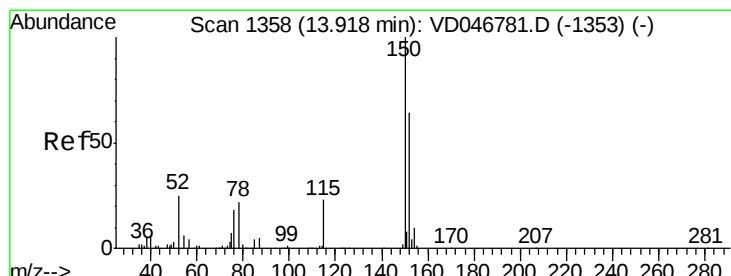
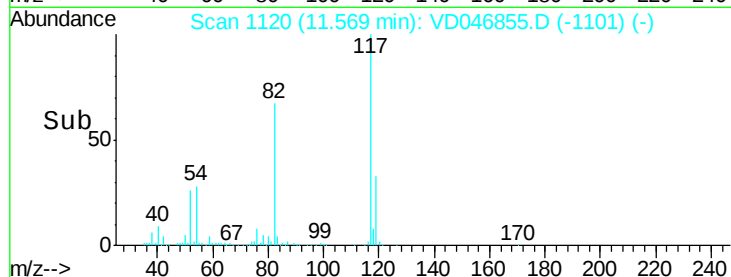
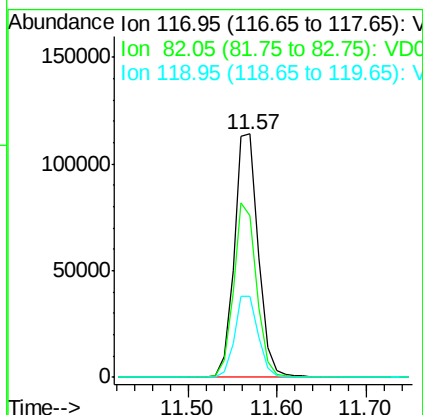
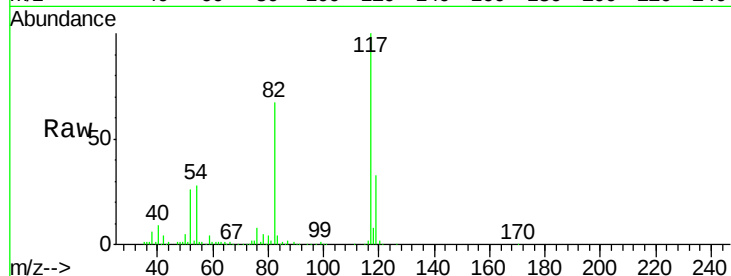




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.57 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VD046855.D
Acq: 23 Sep 2015 15:10

Instrument :
MSVOA_D
ClientSampled :
S1-18

Tot Ion:117 Resp: 215471
Ion Ratio Lower Upper
117 100
82 66.6 50.6 75.8
119 33.1 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: VD046855.D
Acq: 23 Sep 2015 15:10

Tgt Ion:152 Resp: 107639
Ion Ratio Lower Upper
152 100
115 56.4 26.2 78.6
150 159.3 0.0 311.8

