

Data Path : W:\HPCHEM1\MSVOA_D\DATA\VD091815\
 Data File : VD046789.D
 Acq On : 18 Sep 2015 18:22
 Operator : FY/SY
 Sample : G3652-03RE
 Misc : 5.91gm/5mL/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DTW1SRE

Quant Time: Sep 18 19:59:30 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

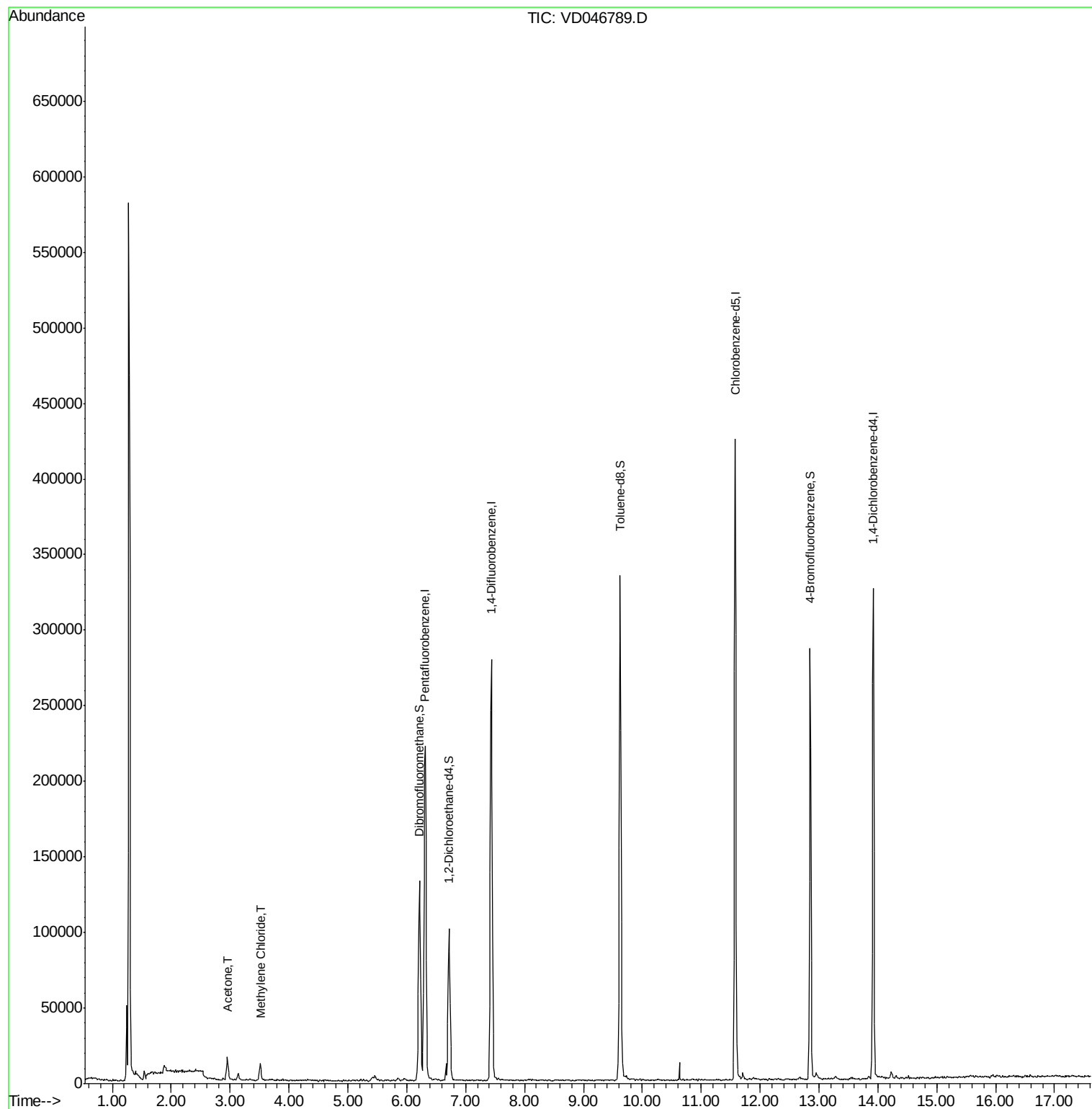
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.31	168	175324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.44	114	234648	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.58	117	206372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.92	152	82368	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.72	65	88418	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
35) Dibromofluoromethane	6.21	113	90570	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
50) Toluene-d8	9.63	98	253879	43.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.66%	
62) 4-Bromofluorobenzene	12.85	95	88215	37.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.66%	
Target Compounds						
17) Acetone	2.95	43	21549	69.96	ug/l	Qvalue # 90
21) Methylene Chloride	3.51	84	5342	3.19	ug/l	86

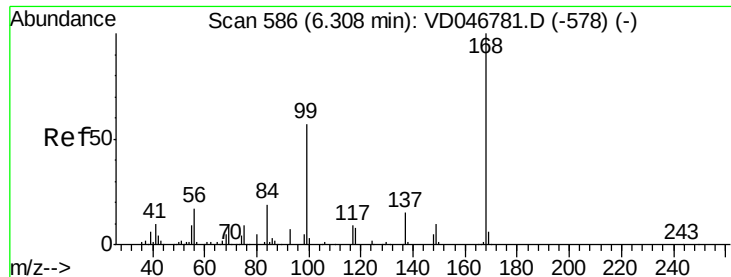
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.31 min Scan# 587

Delta R.T. 0.00 min

Lab File: VD046789.D

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Instrument :

MSVOA_D

ClientSampleId :

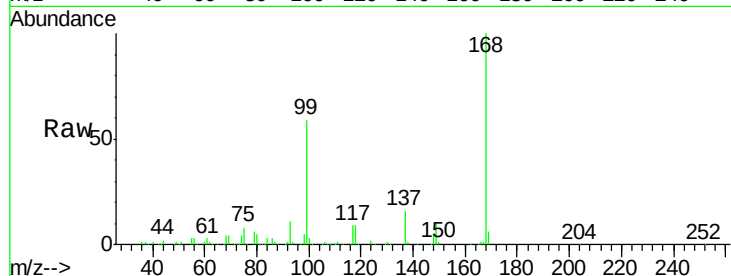
DTW1SRE

Tgt Ion:168 Resp: 175324

Ion Ratio Lower Upper

168 100

99 58.8 42.4 63.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.31

80000

60000

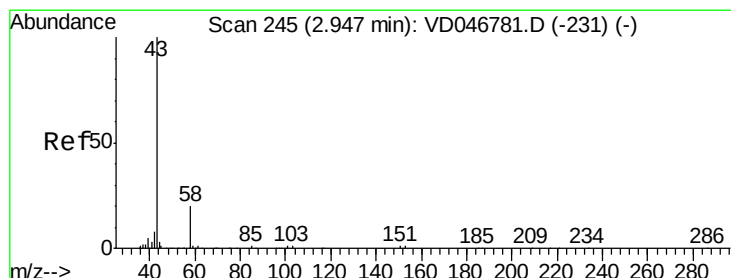
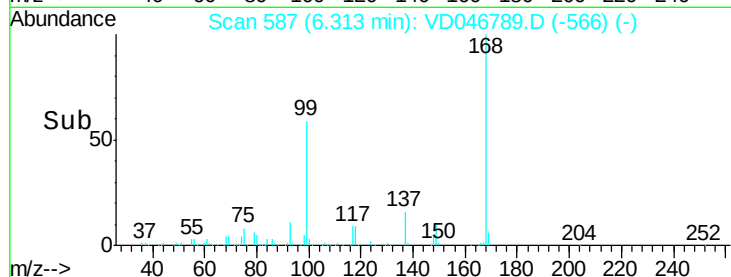
40000

20000

0

Time-->

6.20 6.30 6.40 6.50



#17

Acetone

Concen: 69.96 ug/l

RT: 2.95 min Scan# 246

Delta R.T. 0.00 min

Lab File: VD046789.D

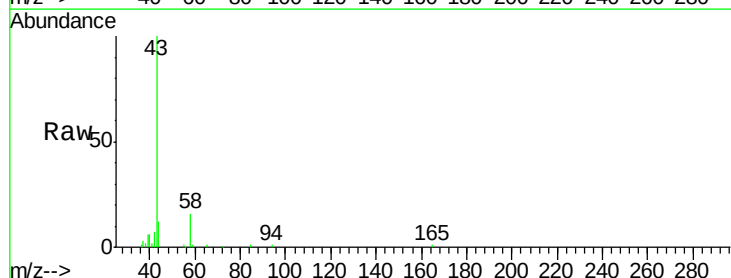
Acq: 18 Sep 2015 18:22

Tgt Ion: 43 Resp: 21549

Ion Ratio Lower Upper

43 100

58 16.2 16.6 24.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.95

12000

10000

8000

6000

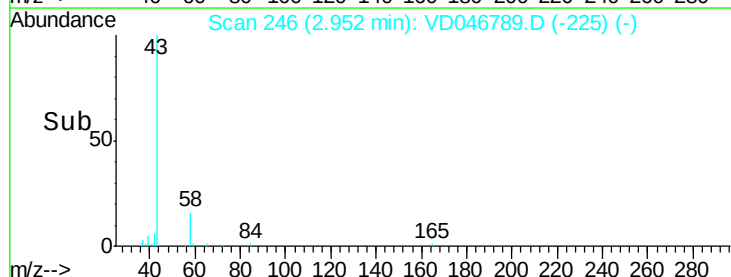
4000

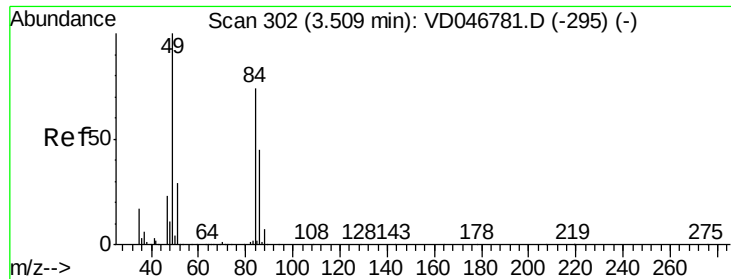
2000

0

Time-->

2.80 2.90 3.00 3.10

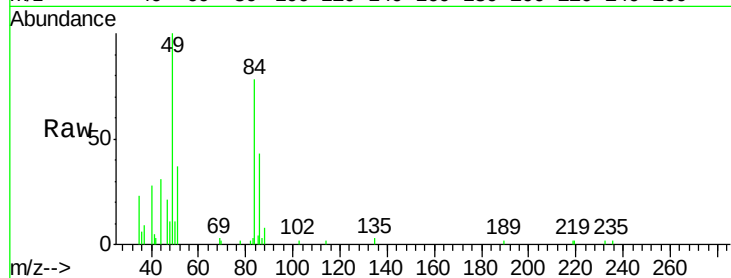




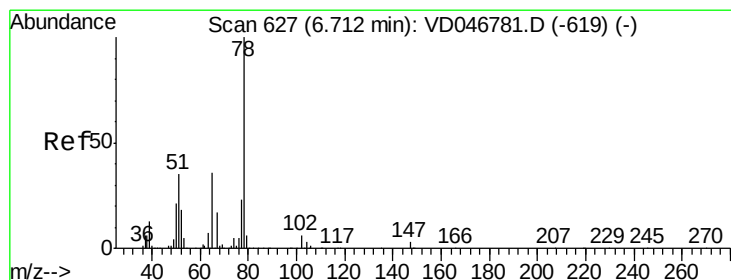
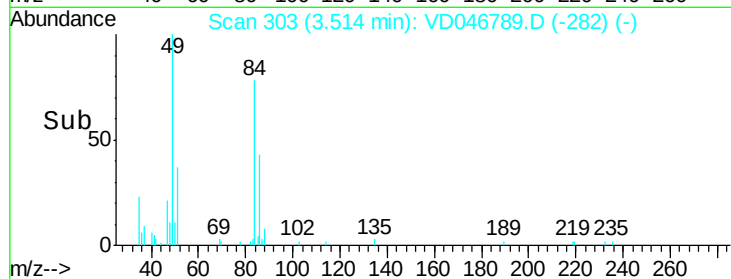
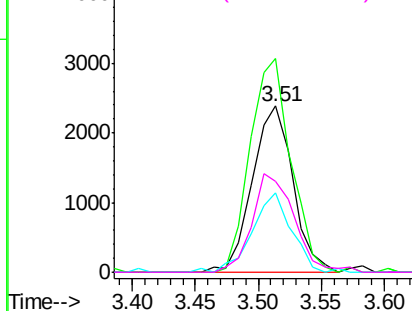
#21
Methylene Chloride
Concen: 3.19 ug/l
RT: 3.51 min Scan# 303
Delta R.T. 0.00 min
Lab File: VD046789.D
Acq: 18 Sep 2015 18:22

Instrument :
MSVOA_D
ClientSampleId :
DTW1SRE

Tgt Ion: 84 Resp: 5342
Ion Ratio Lower Upper
84 100
49 128.5 122.1 183.1
51 47.6 33.6 50.4
86 54.9 48.3 72.5

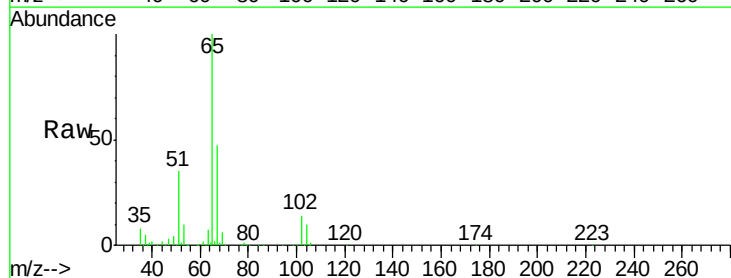


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

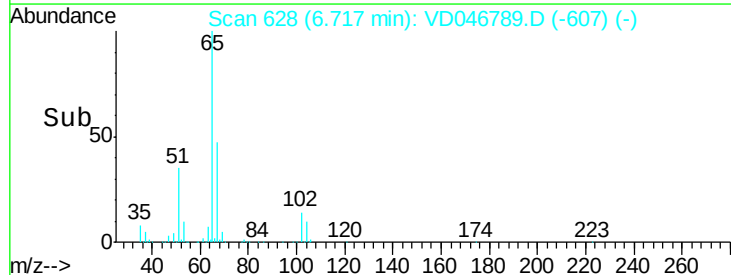
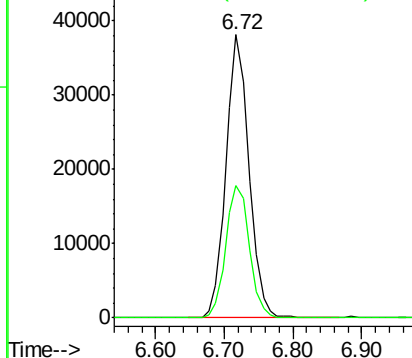


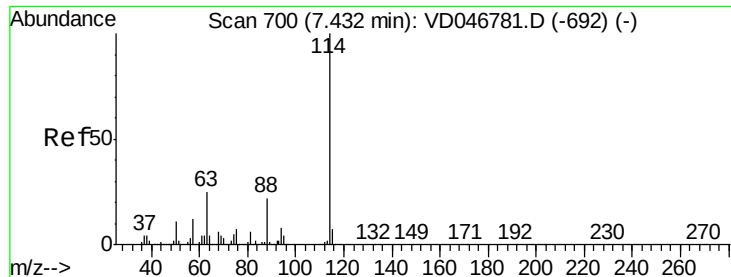
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 6.72 min Scan# 628
Delta R.T. 0.00 min
Lab File: VD046789.D
Acq: 18 Sep 2015 18:22

Tgt Ion: 65 Resp: 88418
Ion Ratio Lower Upper
65 100
67 47.0 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. 0.00 min

Lab File: VD046789.D

Acq: 18 Sep 2015 18:22

Instrument :

MSVOA_D

ClientSampleId :

DTW1SRE

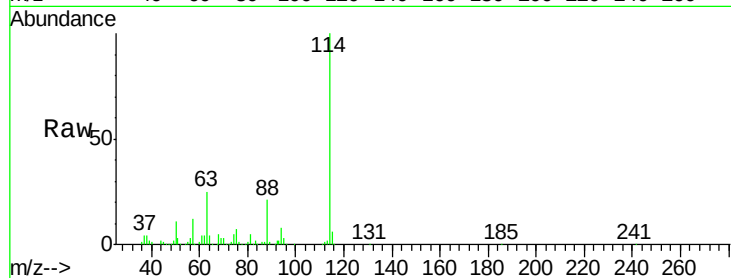
Tgt Ion:114 Resp: 234648

Ion Ratio Lower Upper

114 100

63 24.6 0.0 49.8

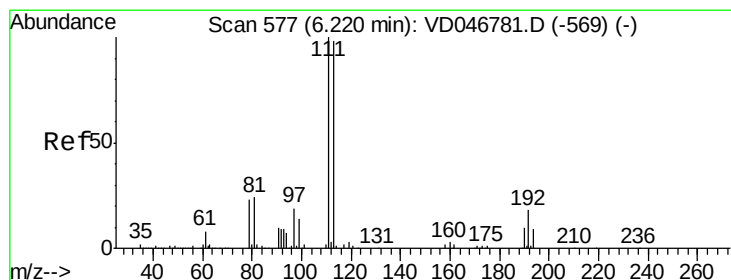
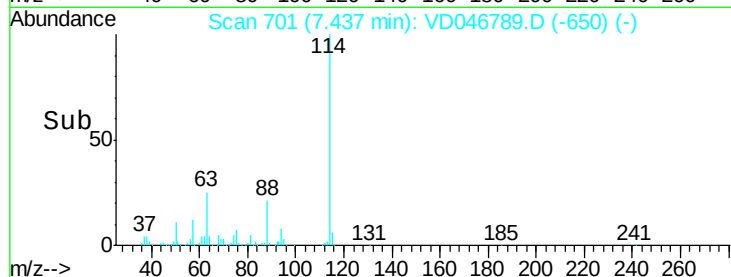
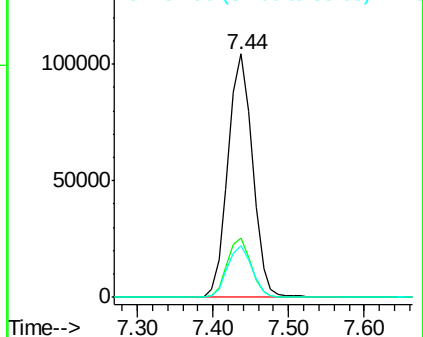
88 21.1 0.0 43.6



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: 6.21 min Scan# 577

Delta R.T. -0.00 min

Lab File: VD046789.D

Acq: 18 Sep 2015 18:22

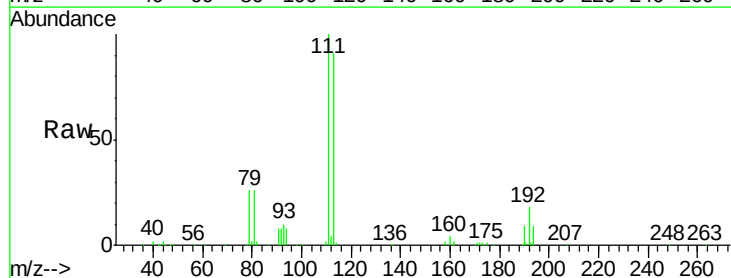
Tgt Ion:113 Resp: 90570

Ion Ratio Lower Upper

113 100

111 109.4 79.4 119.0

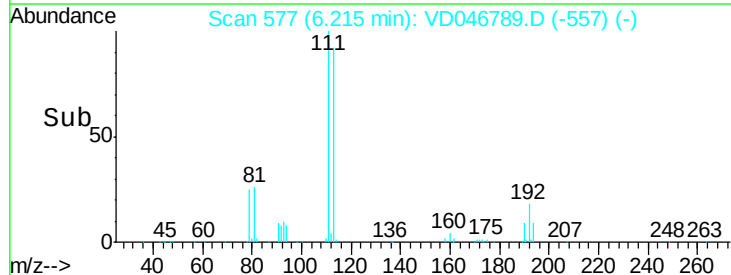
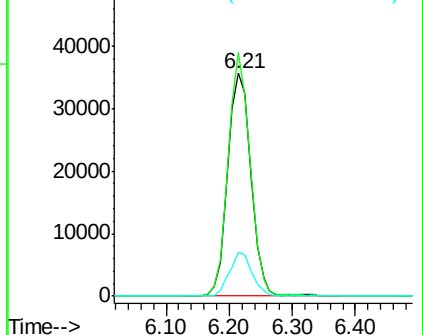
192 19.5 14.6 22.0

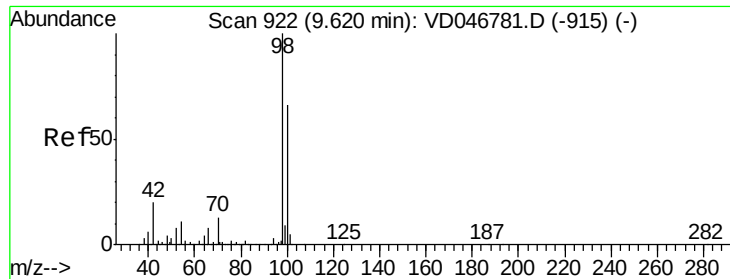


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

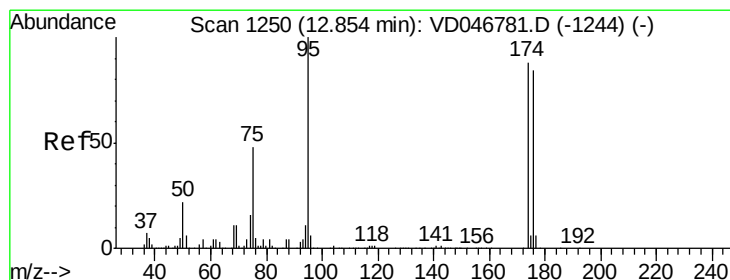
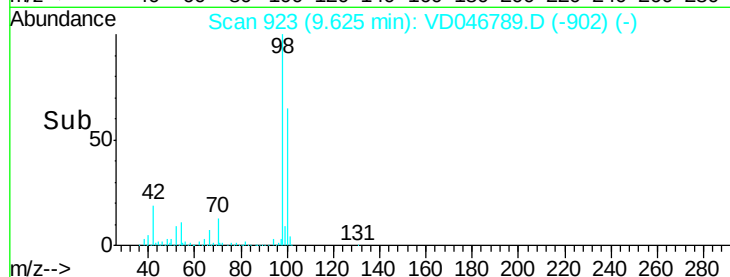
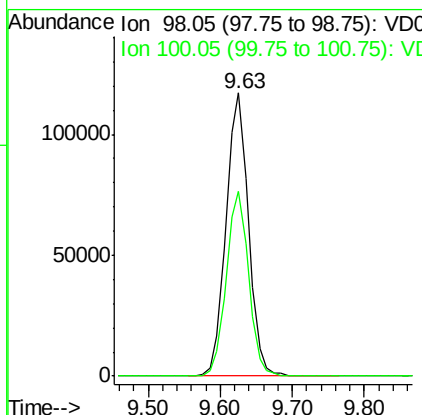
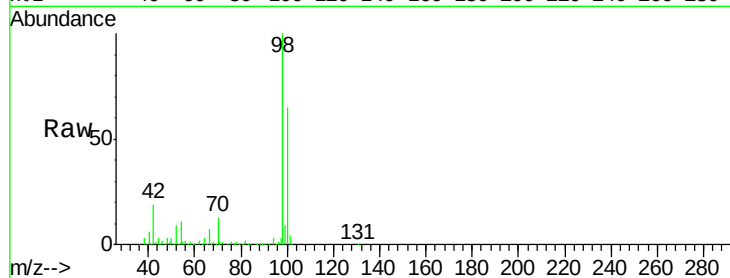




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.63 min Scan# 923
Delta R.T. 0.00 min
Lab File: VD046789.D
Acq: 18 Sep 2015 18:22

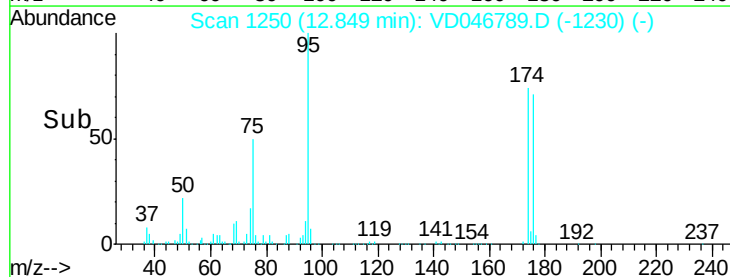
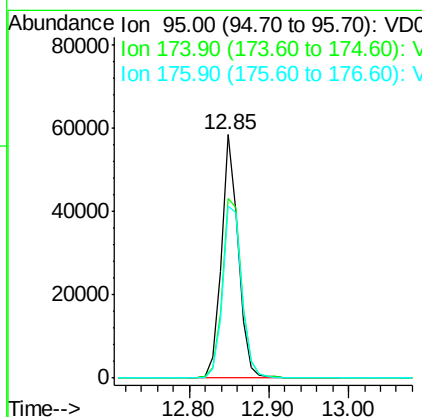
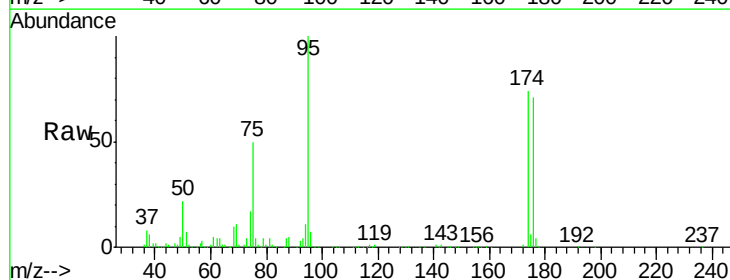
Instrument :
MSVOA_D
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DTW1SRE

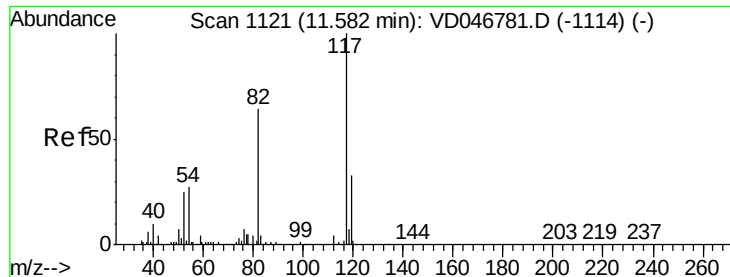
Tgt Ion: 98 Resp: 253879
Ion Ratio Lower Upper
98 100
100 65.3 49.9 74.9



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.85 min Scan# 1250
Delta R.T. -0.00 min
Lab File: VD046789.D
Acq: 18 Sep 2015 18:22

Tgt Ion: 95 Resp: 88215
Ion Ratio Lower Upper
95 100
174 74.0 0.0 149.8
176 70.8 0.0 143.4

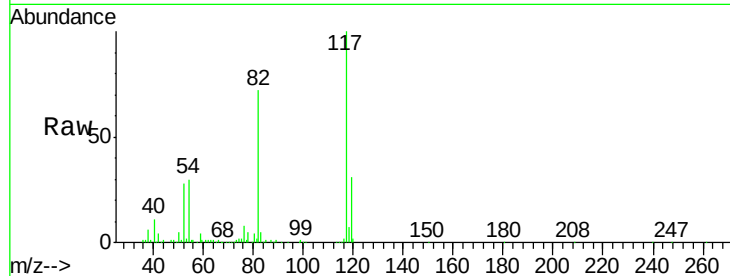




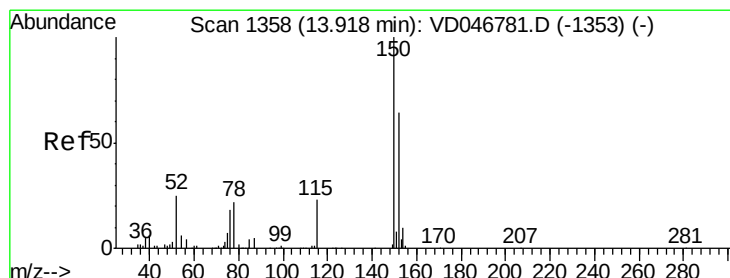
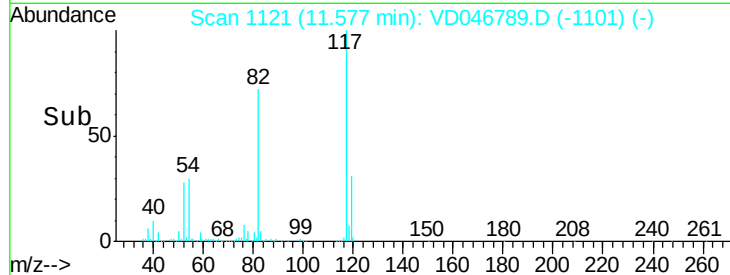
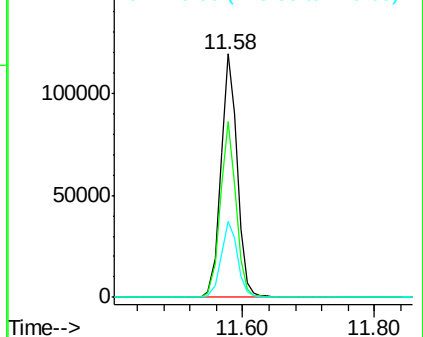
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.58 min Scan# 1121
Delta R.T. -0.00 min
Lab File: VD046789.D
Acq: 18 Sep 2015 18:22

Instrument :
MSVOA_D
ClientSampleId :
DTW1SRE

Tgt Ion:117 Resp: 206372
Ion Ratio Lower Upper
117 100
82 72.4 50.6 75.8
119 31.3 25.8 38.8

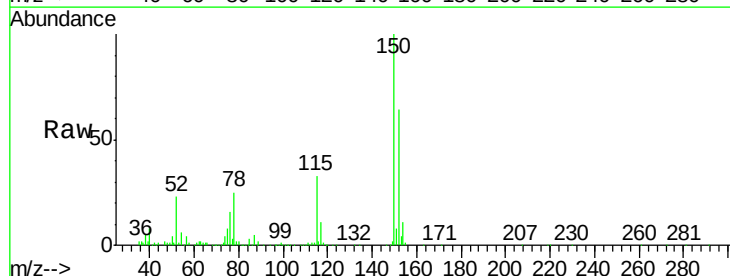


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.92 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VD046789.D
Acq: 18 Sep 2015 18:22

Tgt Ion:152 Resp: 82368
Ion Ratio Lower Upper
152 100
115 51.3 26.2 78.6
150 155.8 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

