

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011419\
 Data File : VU029166.D
 Acq On : 14 Jan 2019 15:33
 Operator : JC/SP
 Sample : I.BLK
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 I.BLK

Quant Time: Jan 14 23:42:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

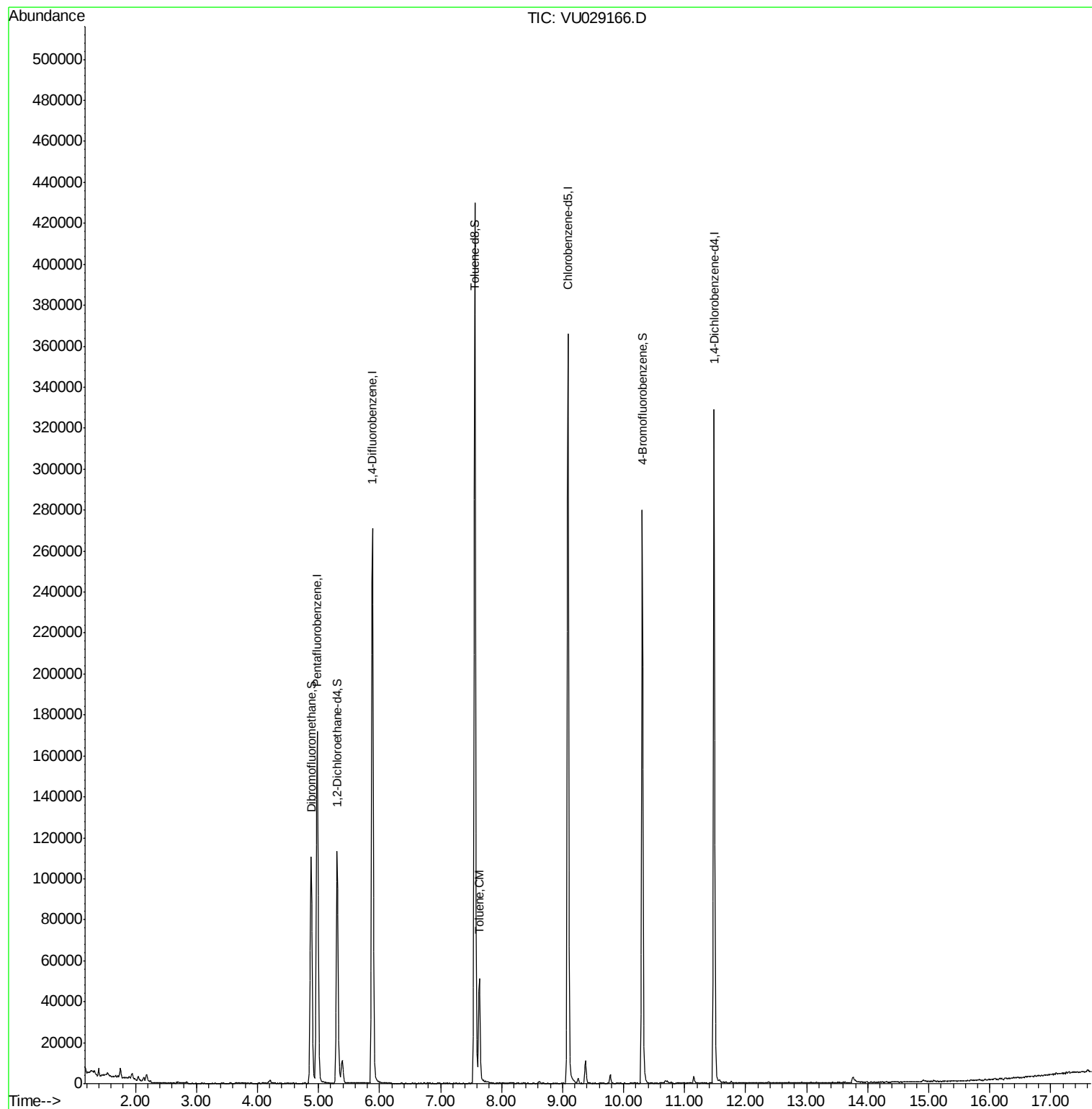
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	141273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	242081	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	221149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	91872	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.30	65	88682	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
35) Dibromofluoromethane	4.88	113	79901	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
50) Toluene-d8	7.56	98	303276	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	10.30	95	98105	44.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.12%	
Target Compounds						
52) Toluene	7.64	92	23068	5.020	ug/l	Qvalue 98

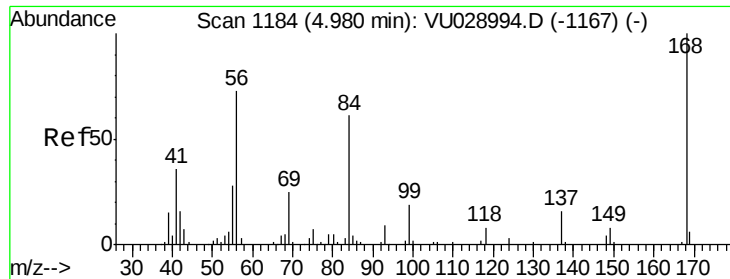
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VU029166.D

Acq: 14 Jan 2019 15:33

Instrument :

MSVOA_U

ClientSampleId :

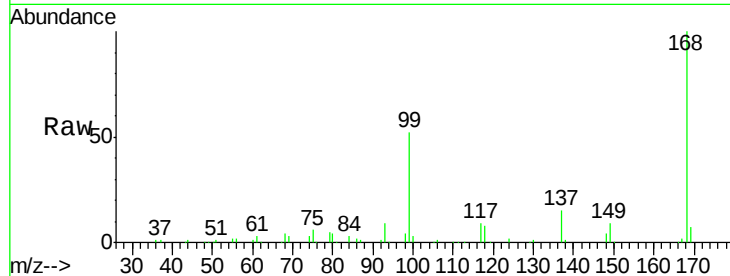
I.BLK

Tot Ion:168 Resp: 141273

Ion Ratio Lower Upper

168 100

99 52.0 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028994.D (-1167) (-)

4.98

60000

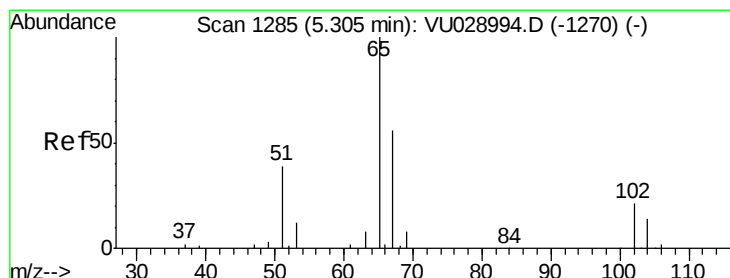
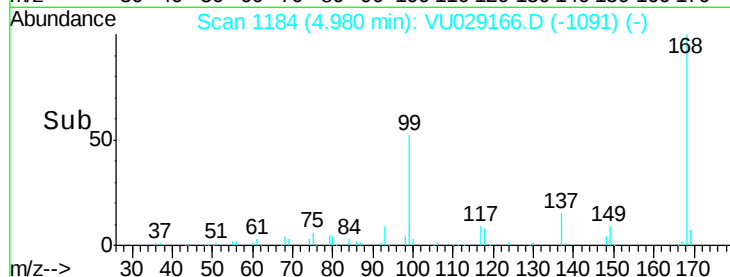
40000

20000

0

Time-->

4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 50.780 ug/l

RT: 5.30 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VU029166.D

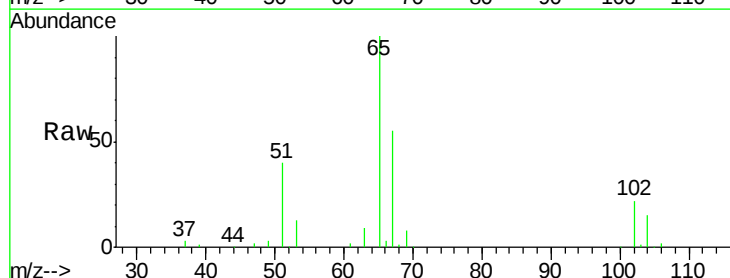
Acq: 14 Jan 2019 15:33

Tgt Ion: 65 Resp: 88682

Ion Ratio Lower Upper

65 100

67 54.3 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU028994.D (-1270) (-)

Ion 66.90 (66.60 to 67.60): VU028994.D (-1270) (-)

5.30

40000

30000

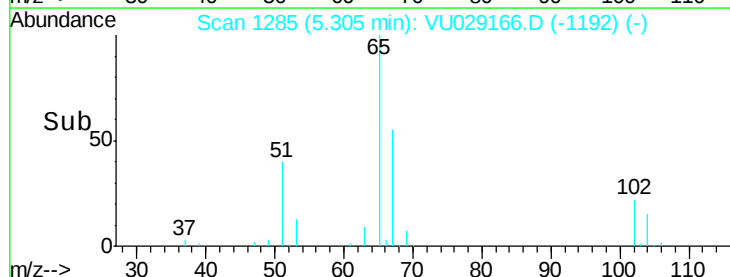
20000

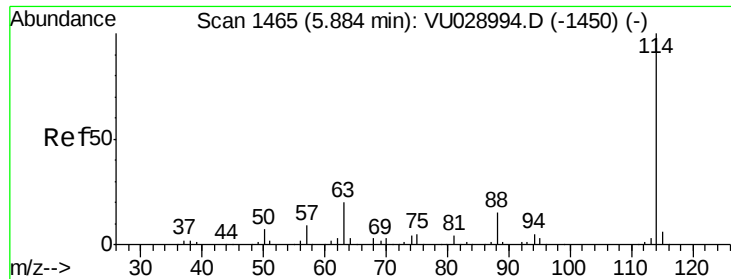
10000

0

Time-->

5.20 5.30 5.40

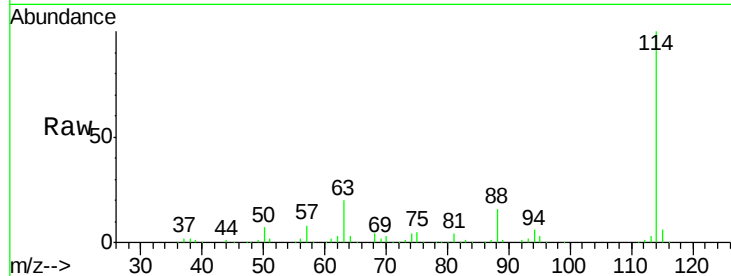




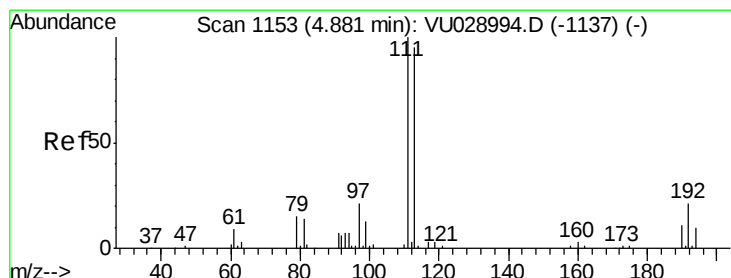
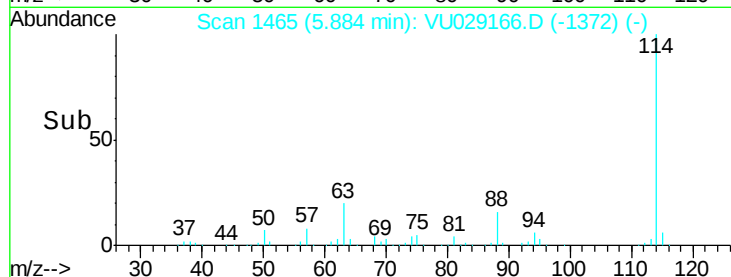
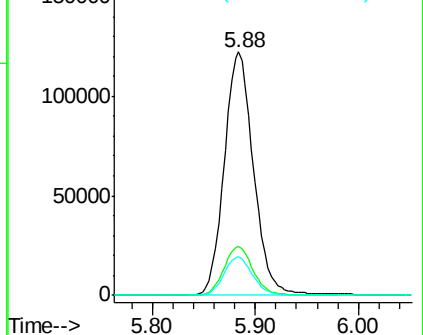
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. 0.00 min
Lab File: VU029166.D
Acq: 14 Jan 2019 15:33

Instrument :
MSVOA_U
ClientSampleId :
I.BLK

Tot Ion:114 Resp: 242081
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.2
88 15.7 0.0 30.4

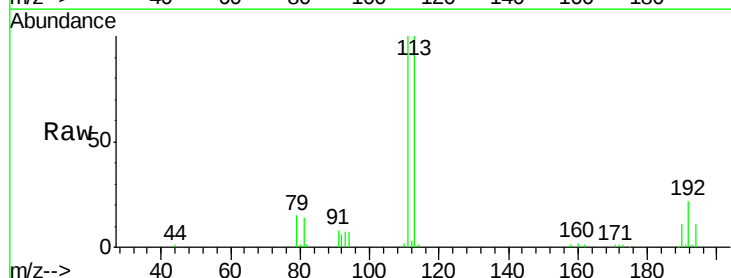


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VU0
Ion 87.90 (87.60 to 88.60): VU0

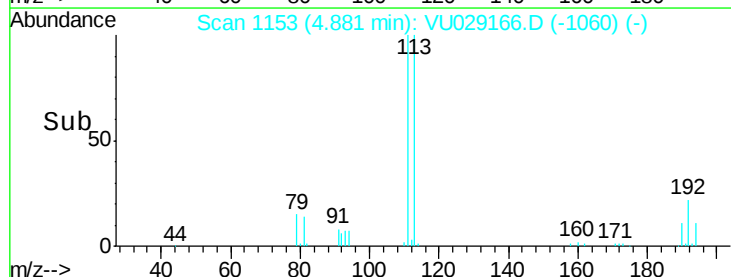
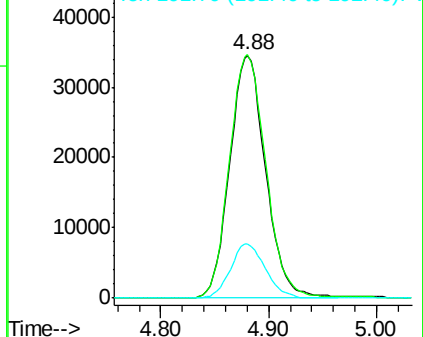


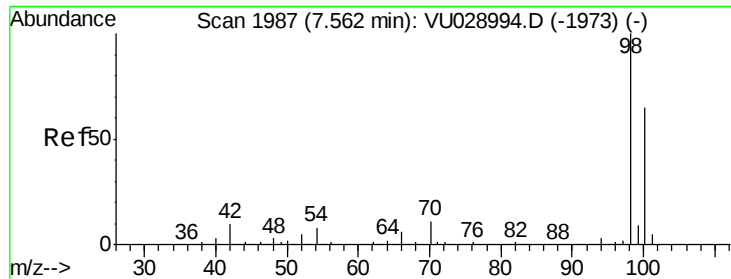
#35
Dibromofluoromethane
Concen: 50.917 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. 0.00 min
Lab File: VU029166.D
Acq: 14 Jan 2019 15:33

Tgt Ion:113 Resp: 79901
Ion Ratio Lower Upper
113 100
111 101.6 81.4 122.2
192 21.8 16.8 25.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

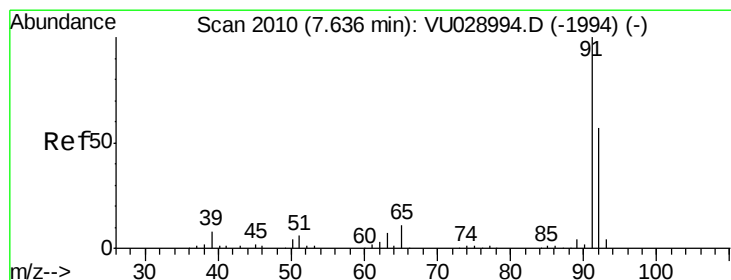
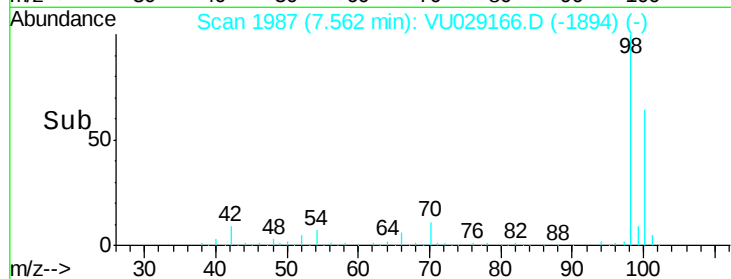
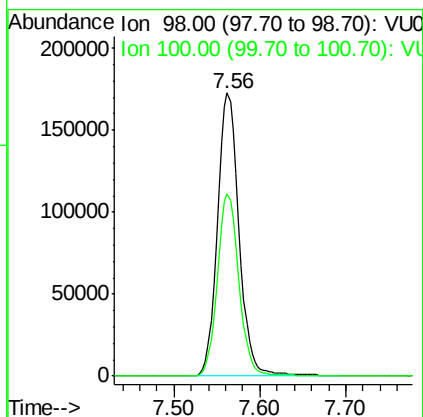
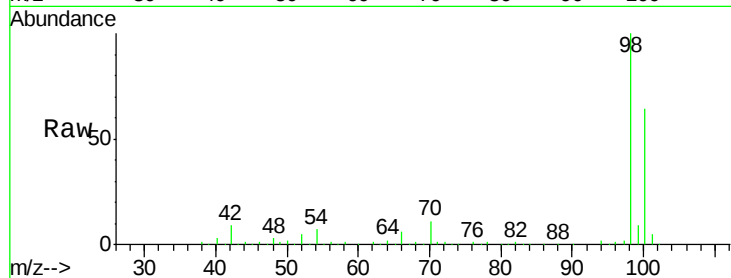




#50
Toluene-d8
Concen: 48.954 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029166.D
Acq: 14 Jan 2019 15:33

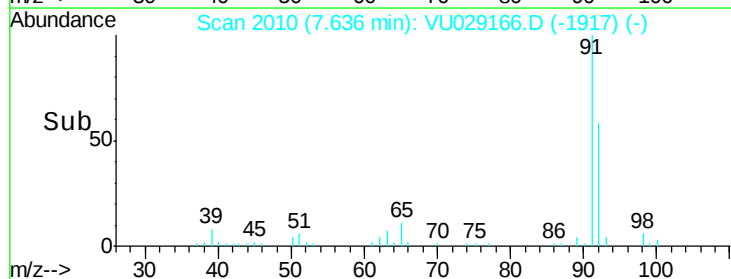
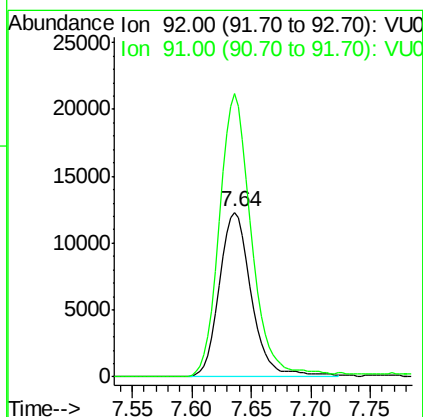
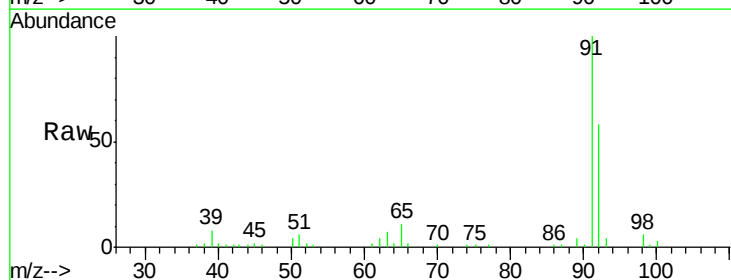
Instrument :
MSVOA_U
ClientSampled :
I.BLK

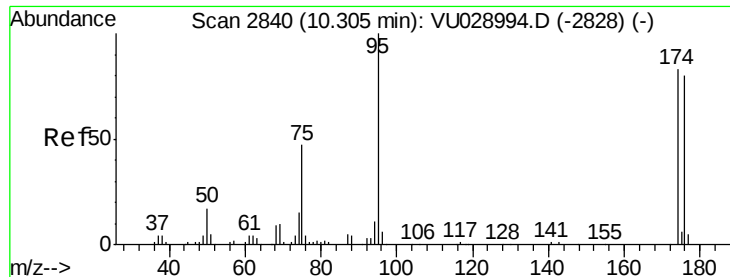
Tot Ion: 98 Resp: 303276
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



#52
Toluene
Concen: 5.020 ug/l
RT: 7.64 min Scan# 2010
Delta R.T. 0.00 min
Lab File: VU029166.D
Acq: 14 Jan 2019 15:33

Tgt Ion: 92 Resp: 23068
Ion Ratio Lower Upper
92 100
91 171.6 139.8 209.8





#62

4-Bromofluorobenzene

Concen: 44.064 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU029166.D

Acq: 14 Jan 2019 15:33

Instrument :

MSVOA_U

ClientSampleId :

I.BLK

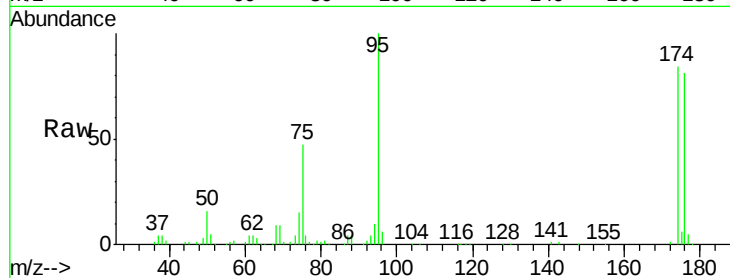
Tot Ion: 95 Resp: 98105

Ion Ratio Lower Upper

95 100

174 84.6 0.0 170.6

176 81.3 0.0 165.0

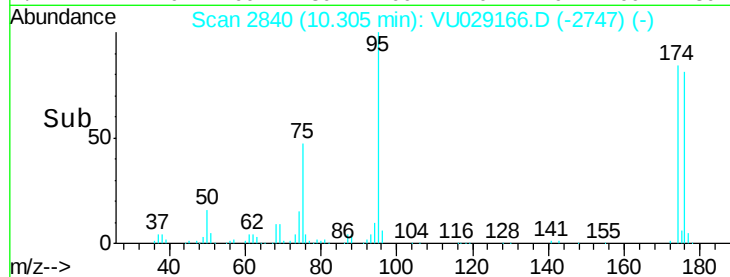


Abundance Ion 94.90 (94.60 to 95.60): VU028994.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028994.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028994.D (-2828) (-)

Time-->

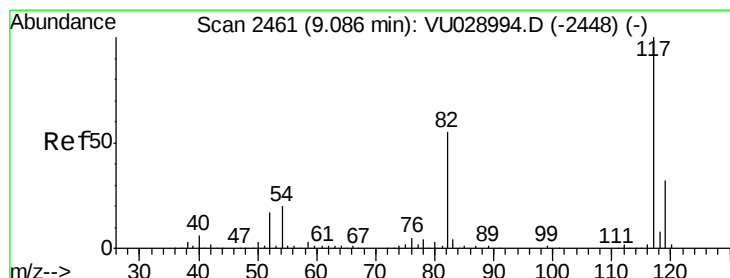


Abundance Ion 94.90 (94.60 to 95.60): VU029166.D (-2747) (-)

Ion 173.80 (173.50 to 174.50): VU029166.D (-2747) (-)

Ion 175.80 (175.50 to 176.50): VU029166.D (-2747) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2461

Delta R.T. -0.00 min

Lab File: VU029166.D

Acq: 14 Jan 2019 15:33

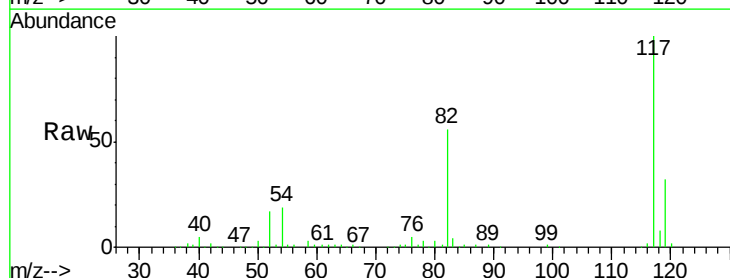
Tgt Ion: 117 Resp: 221149

Ion Ratio Lower Upper

117 100

82 55.6 43.9 65.9

119 32.4 26.0 39.0

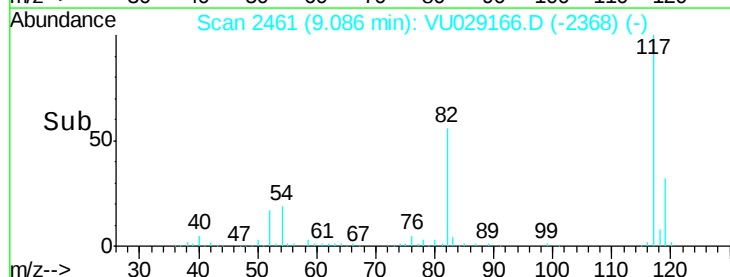


Abundance Ion 116.90 (116.60 to 117.60): VU028994.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU028994.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028994.D (-2448) (-)

Time-->

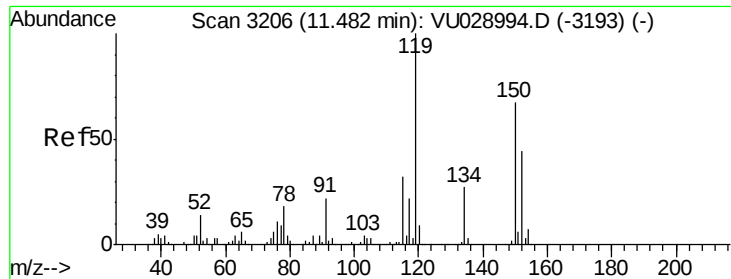


Abundance Ion 116.90 (116.60 to 117.60): VU029166.D (-2368) (-)

Ion 82.00 (81.70 to 82.70): VU029166.D (-2368) (-)

Ion 118.90 (118.60 to 119.60): VU029166.D (-2368) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU029166.D

Acq: 14 Jan 2019 15:33

Instrument :

MSVOA_U

ClientSampleId :

I.BLK

Tot Ion:152 Resp: 91872

Ion Ratio Lower Upper

152 100

115 57.2 40.1 120.3

150 156.6 0.0 345.2

