

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083119\
 Data File : VU034091.D
 Acq On : 30 Aug 2019 12:25
 Operator : JC/SP
 Sample : K4613-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-11-GW

Quant Time: Aug 31 03:53:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

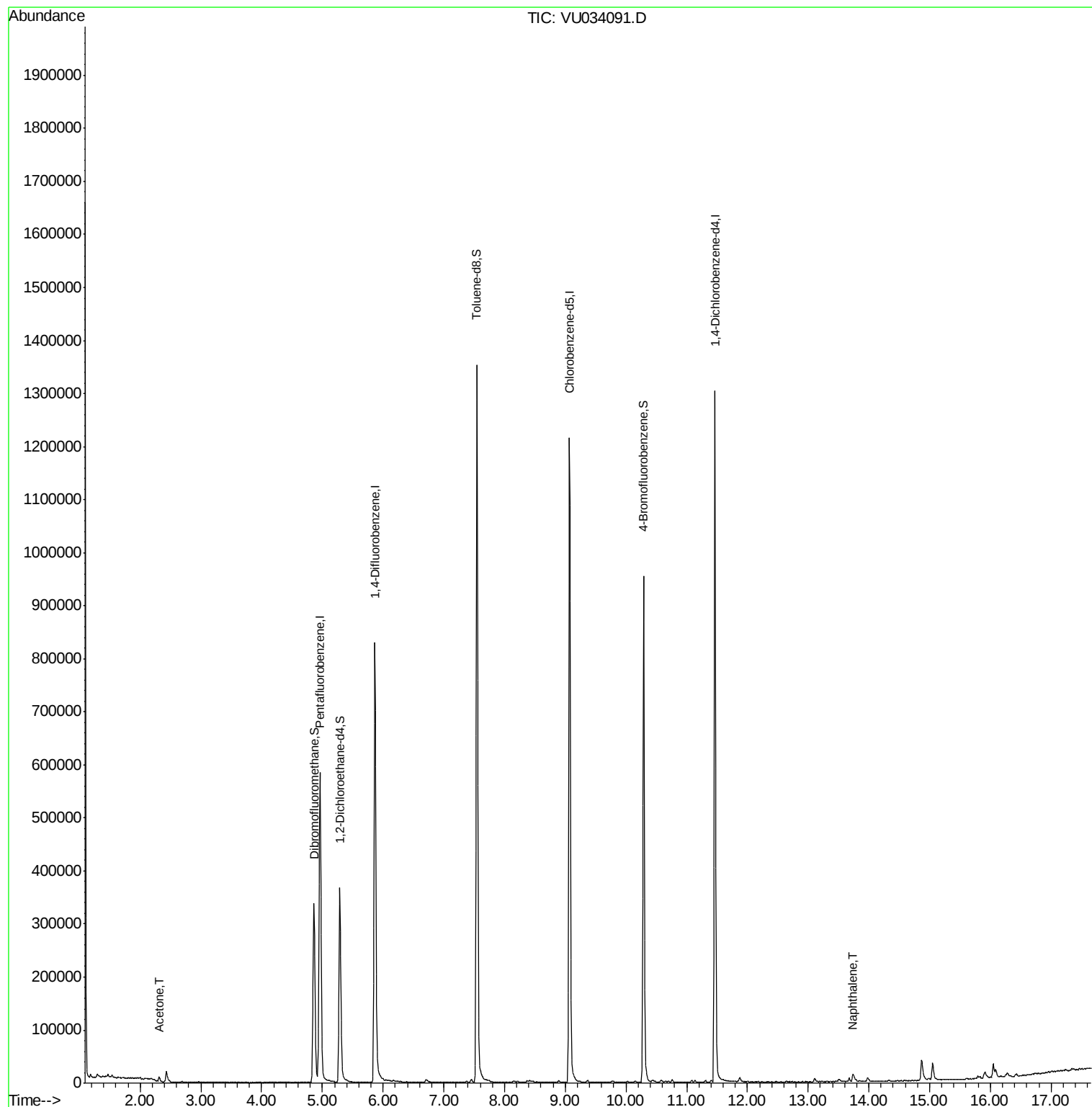
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	475379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	755896	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	712534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	356052	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	291453	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
35) Dibromofluoromethane	4.86	113	243498	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
50) Toluene-d8	7.55	98	949557	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
62) 4-Bromofluorobenzene	10.29	95	332422	43.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.06%	
Target Compounds						
16) Acetone	2.31	43	10151	3.266	ug/l	95
95) Naphthalene	13.74	128	21108	2.706	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034091.D

Acq: 30 Aug 2019 12:25

Instrument :

MSVOA_U

ClientSampleId :

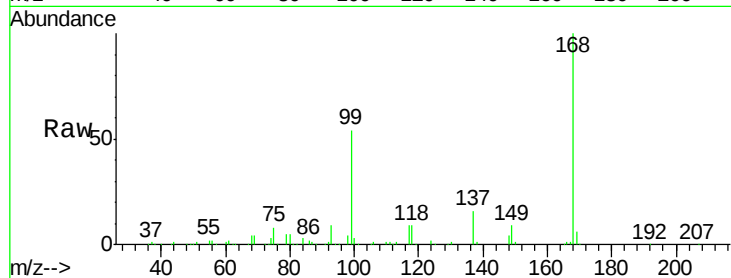
TP-11-GW

Tot Ion:168 Resp: 475379

Ion Ratio Lower Upper

168 100

99 54.0 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034091.D (-1110) (-)

Ion 98.90 (98.60 to 99.60): VU034091.D (-1110) (-)

4.96

200000

150000

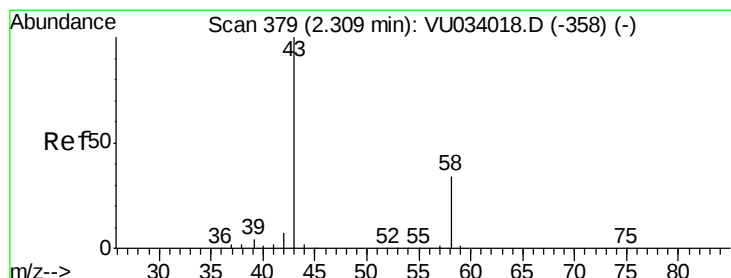
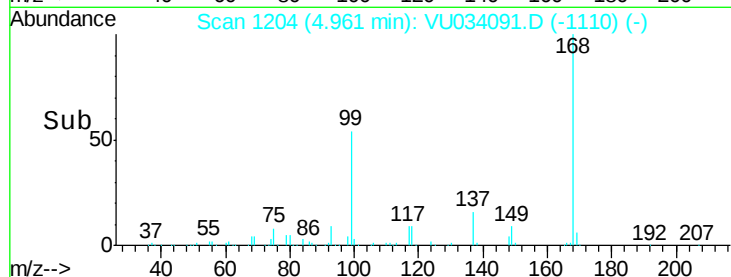
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 3.266 ug/l

RT: 2.31 min Scan# 381

Delta R.T. 0.01 min

Lab File: VU034091.D

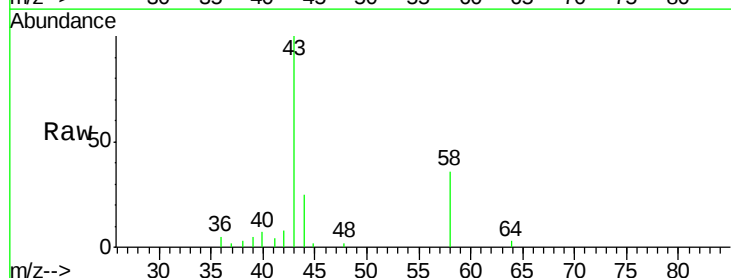
Acq: 30 Aug 2019 12:25

Tgt Ion: 43 Resp: 10151

Ion Ratio Lower Upper

43 100

58 36.6 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034091.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034091.D (-286) (-)

2.31

6000

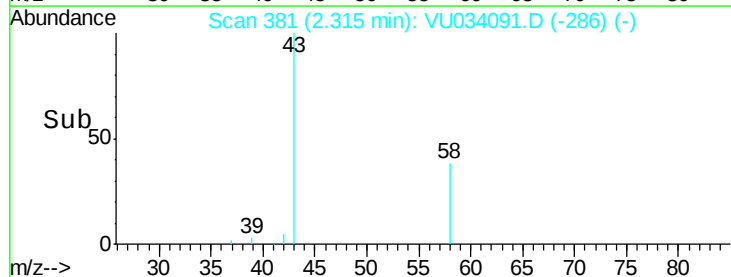
4000

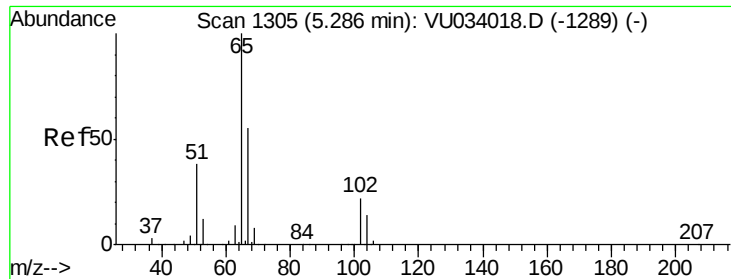
2000

0

2.25 2.30 2.35 2.40

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.848 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034091.D

Acq: 30 Aug 2019 12:25

Instrument :

MSVOA_U

ClientSampled :

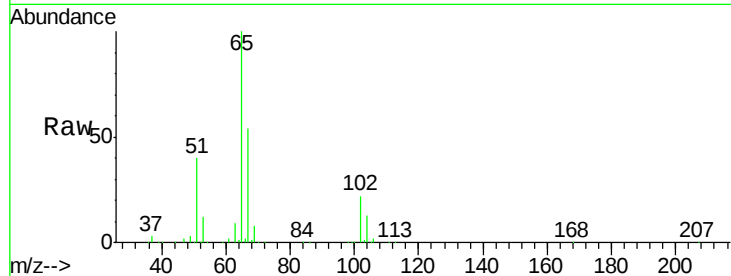
TP-11-GW

Tot Ion: 65 Resp: 291453

Ion Ratio Lower Upper

65 100

67 54.1 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034091.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034091.D (-1289) (-)

5.29

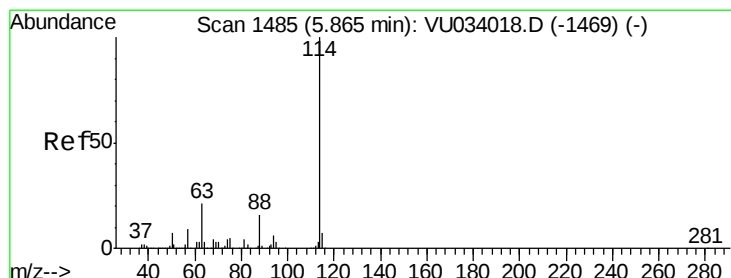
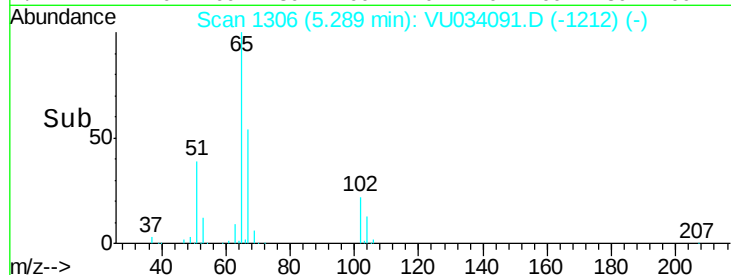
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034091.D

Acq: 30 Aug 2019 12:25

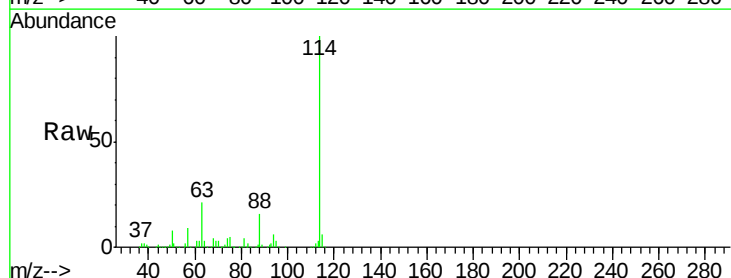
Tgt Ion: 114 Resp: 755896

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.0

88 16.1 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): VU034091.D (-1469) (-)

Ion 63.00 (62.70 to 63.70): VU034091.D (-1469) (-)

Ion 87.90 (87.60 to 88.60): VU034091.D (-1469) (-)

5.87

500000

400000

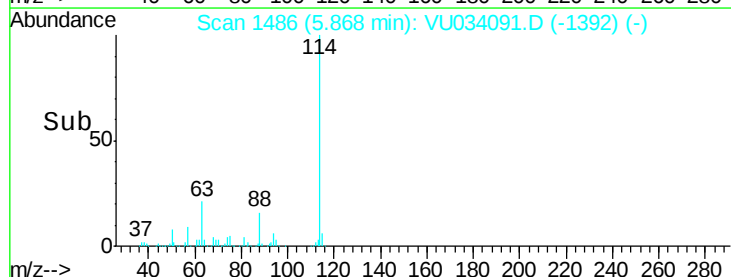
300000

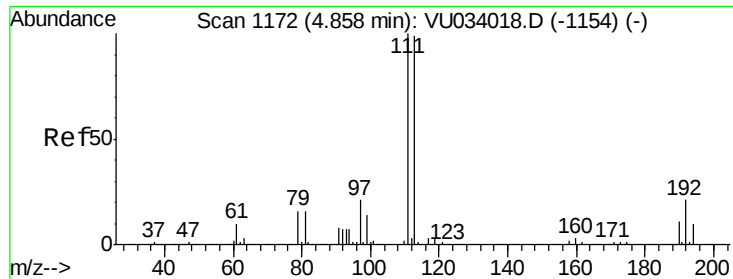
200000

100000

0

Time-->

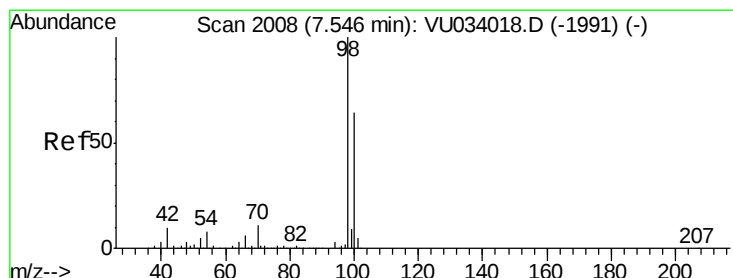
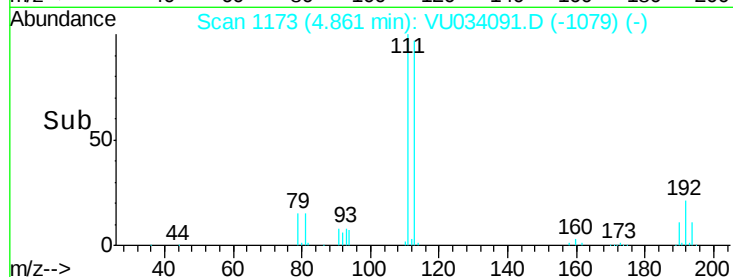
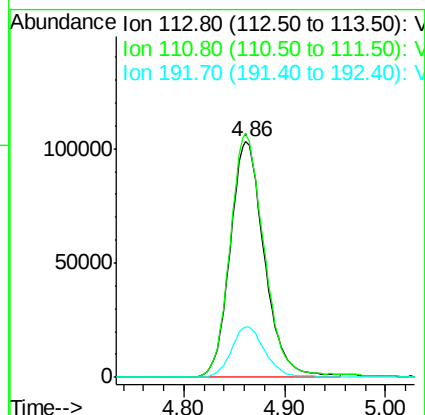
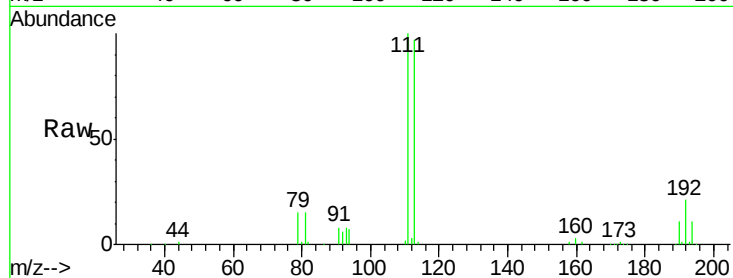




#35
 Dibromofluoromethane
 Concen: 46.444 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034091.D
 Acq: 30 Aug 2019 12:25

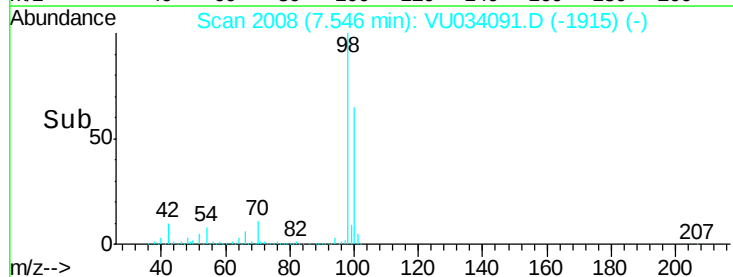
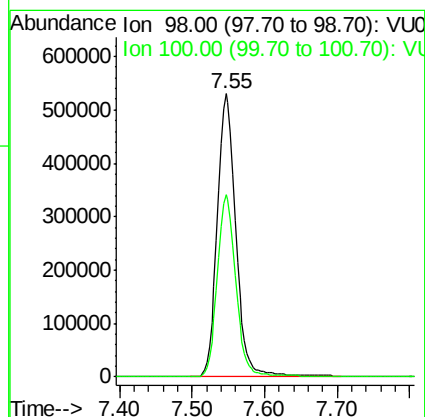
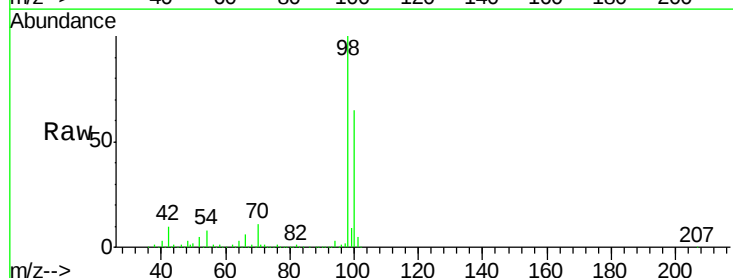
Instrument :
 MSVOA_U
 ClientSampleId :
 TP-11-GW

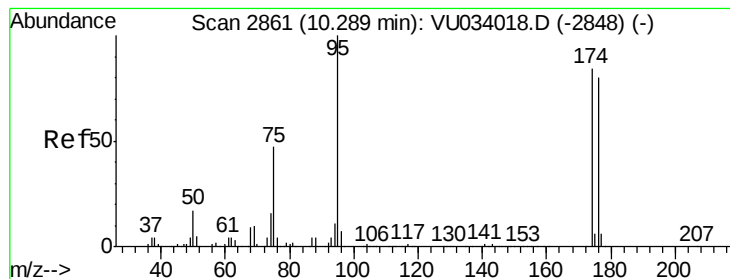
Tot Ion:113 Resp: 243498
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.7 122.5
 192 21.1 17.1 25.7



#50
 Toluene-d8
 Concen: 48.370 ug/l
 RT: 7.55 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: VU034091.D
 Acq: 30 Aug 2019 12:25

Tgt Ion: 98 Resp: 949557
 Ion Ratio Lower Upper
 98 100
 100 64.4 50.3 75.5





#62

4-Bromofluorobenzene

Concen: 43.532 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VU034091.D

Acq: 30 Aug 2019 12:25

Instrument :

MSVOA_U

ClientSampleId :

TP-11-GW

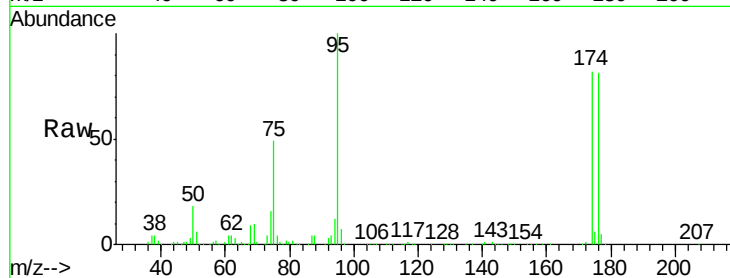
Tot Ion: 95 Resp: 332422

Ion Ratio Lower Upper

95 100

174 84.3 0.0 168.8

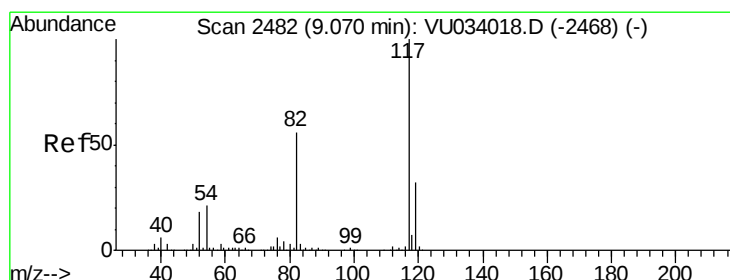
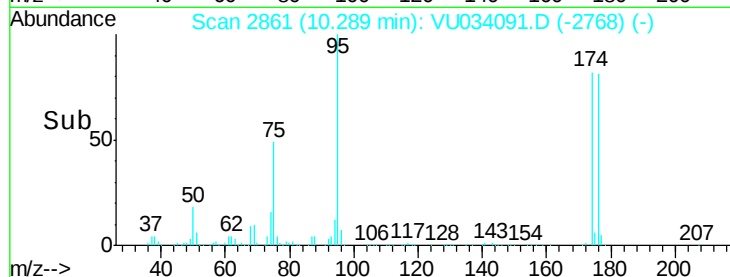
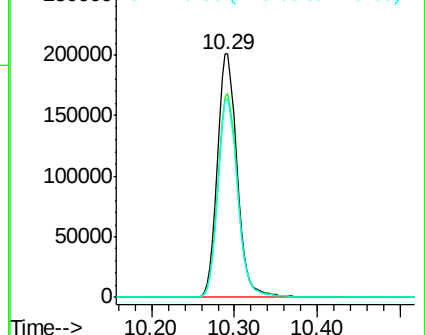
176 80.9 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): VU0

Ion 175.80 (175.50 to 176.50): VU0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. -0.00 min

Lab File: VU034091.D

Acq: 30 Aug 2019 12:25

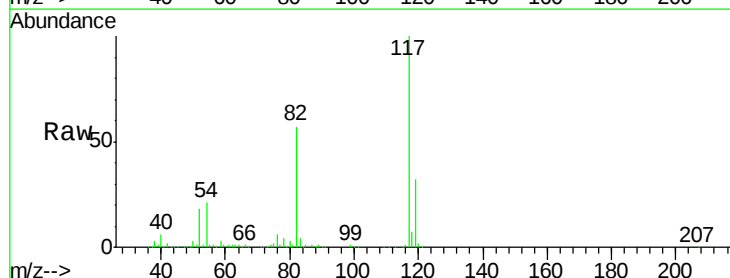
Tgt Ion: 117 Resp: 712534

Ion Ratio Lower Upper

117 100

82 56.9 45.1 67.7

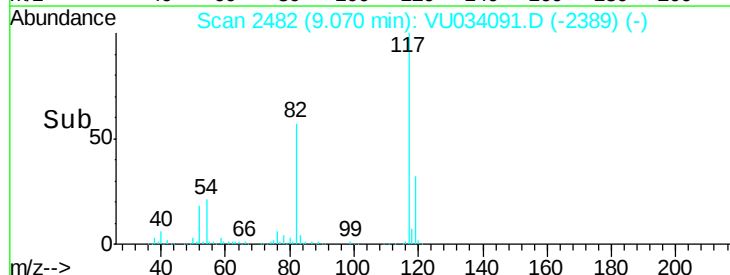
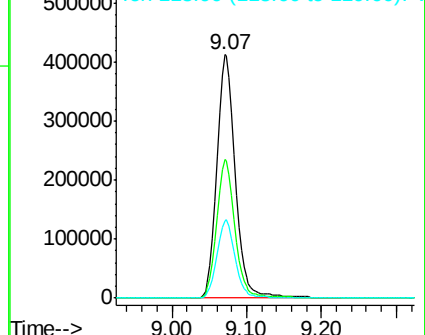
119 31.9 25.4 38.0

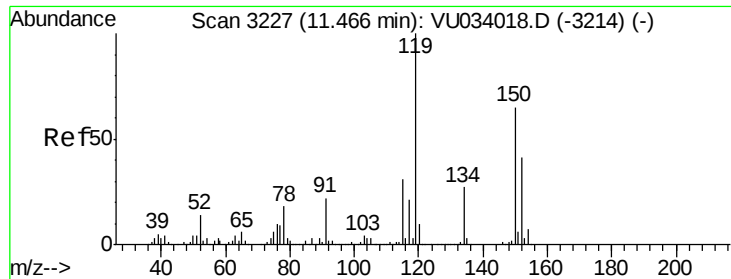


Abundance Ion 116.90 (116.60 to 117.60): VU0

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): VU0



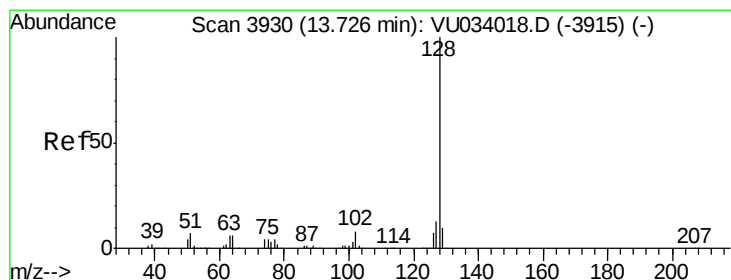
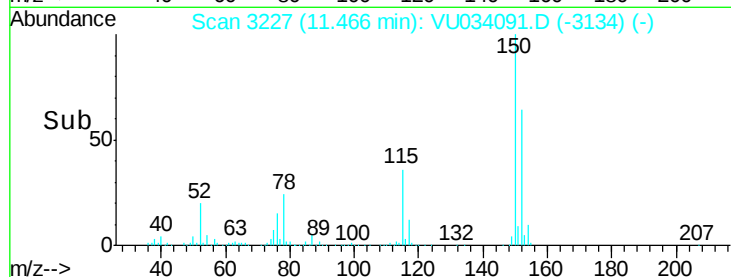
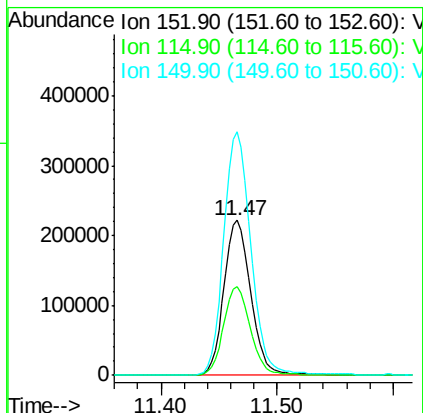
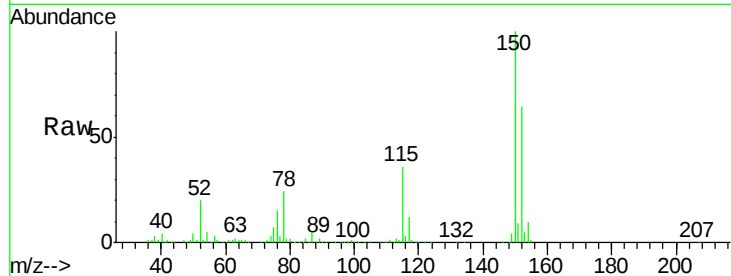


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.47 min Scan# 3227
Delta R.T. -0.00 min
Lab File: VU034091.D
Acq: 30 Aug 2019 12:25

Instrument :
MSVOA_U
ClientSampleId :
TP-11-GW

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.3	41.1	123.3
150	159.5	0.0	348.8



#95

Naphthalene
Concen: 2.706 ug/l
RT: 13.74 min Scan# 3934
Delta R.T. 0.01 min
Lab File: VU034091.D
Acq: 30 Aug 2019 12:25

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	8.7	8.4	12.6

