

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092318\
 Data File : VU027079.D
 Acq On : 23 Sep 2018 18:01
 Operator : MD/SY
 Sample : J4980-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 121 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-FW-MW01-20180916

Quant Time: Sep 24 08:53:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

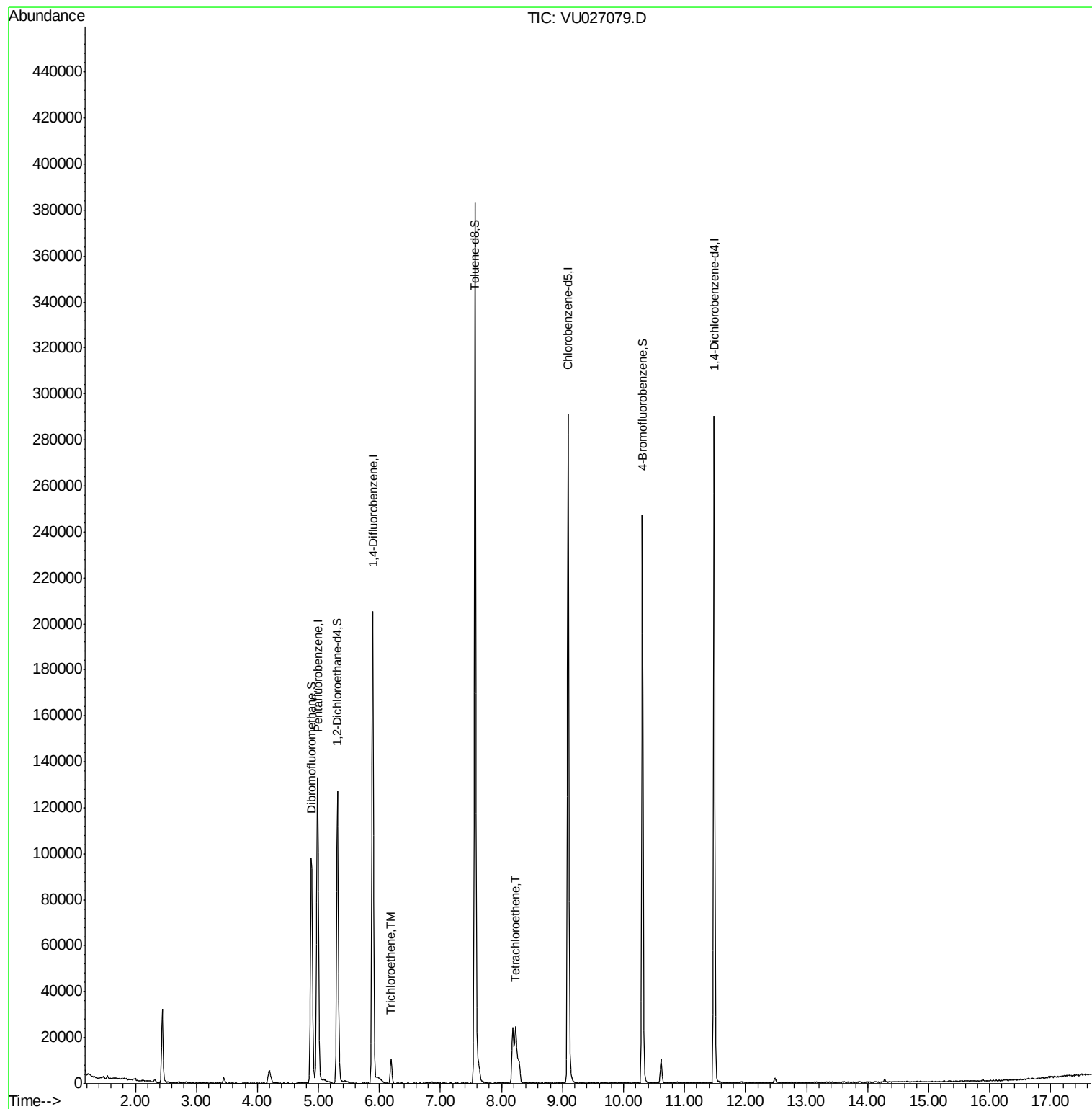
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	92325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	156910	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	150333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	69426	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	98036	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.52%	
35) Dibromofluoromethane	4.88	113	66426	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
50) Toluene-d8	7.57	98	252715	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
62) 4-Bromofluorobenzene	10.31	95	80675	45.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.72%	
Target Compounds						
44) Trichloroethene	6.19	130	3540	2.612	ug/l	94
64) Tetrachloroethene	8.23	164	3074	2.654	ug/l	90

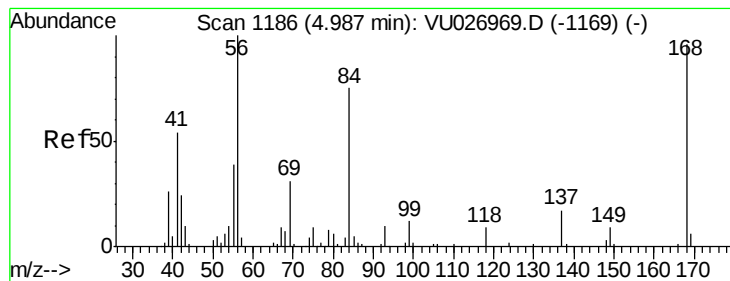
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027079.D

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Instrument :

MSVOA_U

ClientSampleId :

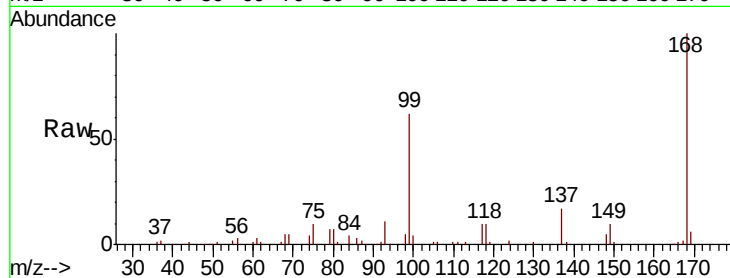
BP-FW-MW01-20180916

Tot Ion:168 Resp: 92325

Ion Ratio Lower Upper

168 100

99 61.3 48.1 72.1



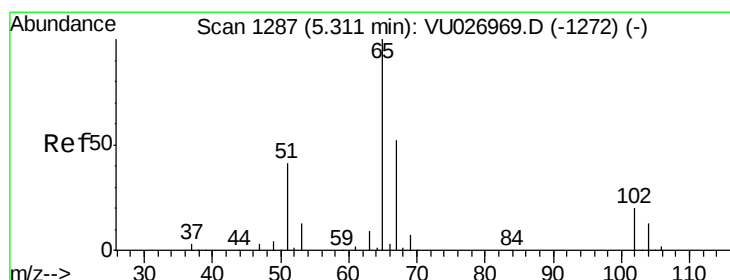
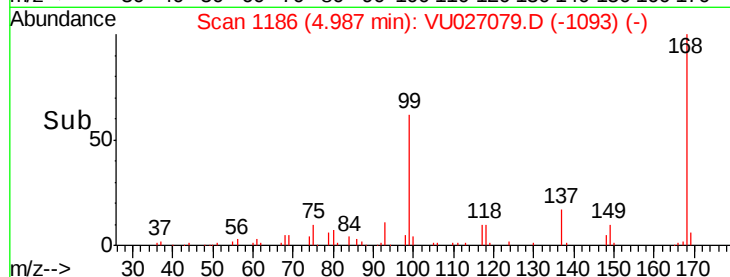
Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

4.90 4.95 5.00 5.05 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.759 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027079.D

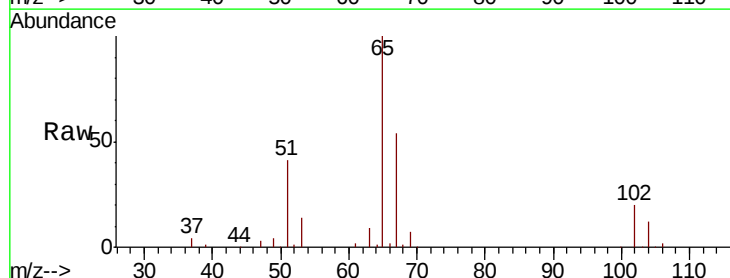
Acq: 23 Sep 2018 18:01

Tgt Ion: 65 Resp: 98036

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.6



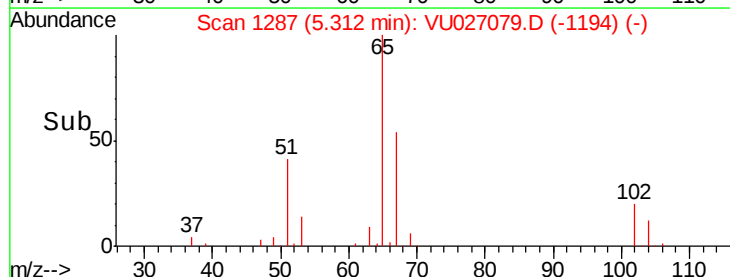
Abundance Ion 64.90 (64.60 to 65.60): VU026969.D (-1272) (-)

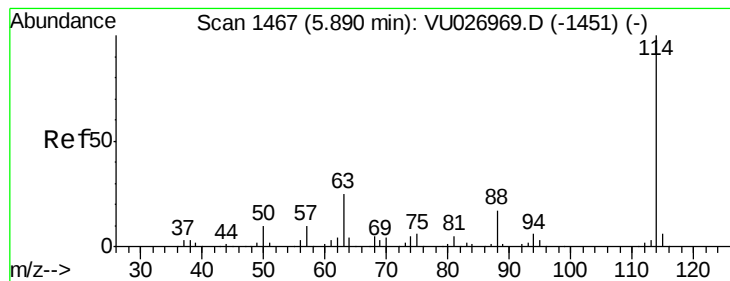
Ion 66.90 (66.60 to 67.60): VU026969.D (-1272) (-)

5.31

5.20 5.30 5.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1467

Delta R.T. 0.00 min

Lab File: VU027079.D

Acq: 23 Sep 2018 18:01

Instrument :

MSVOA_U

ClientSampleId :

BP-FW-MW01-20180916

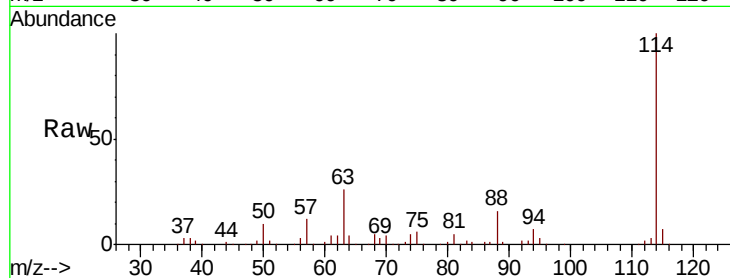
Tot Ion:114 Resp: 156910

Ion Ratio Lower Upper

114 100

63 26.2 0.0 49.2

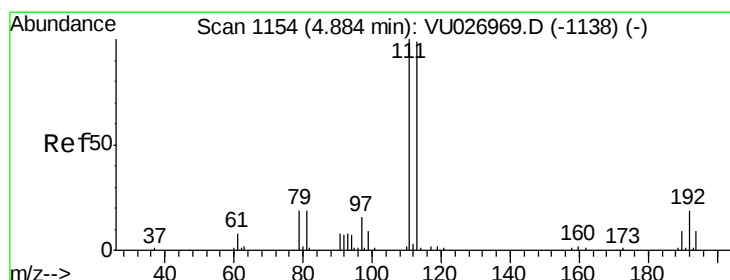
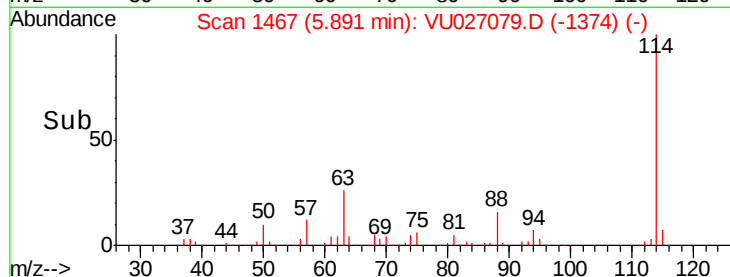
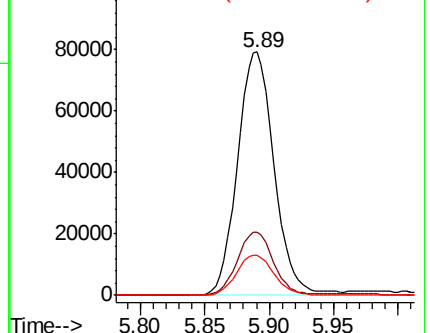
88 16.4 0.0 33.8



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: 48.839 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027079.D

Acq: 23 Sep 2018 18:01

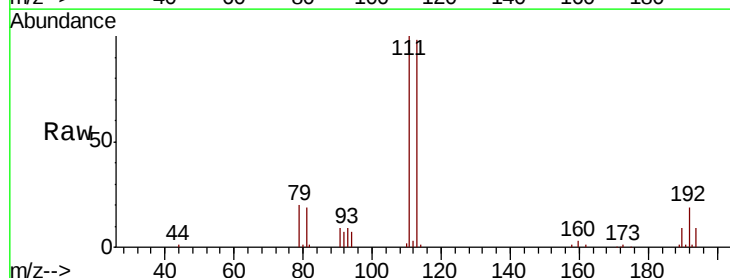
Tgt Ion:113 Resp: 66426

Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.4

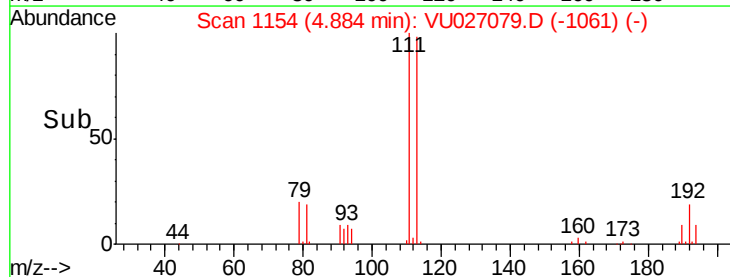
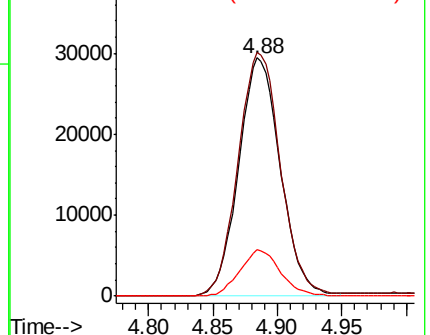
192 18.9 15.2 22.8

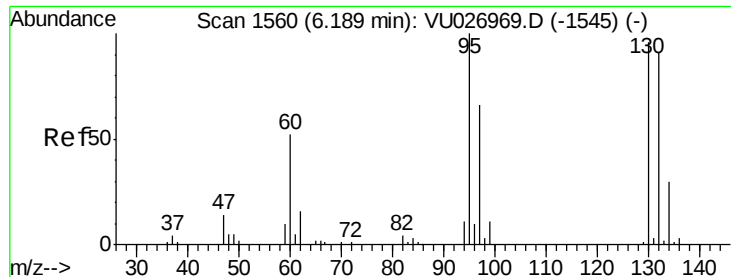


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 2.612 ug/l

RT: 6.19 min Scan# 1561

Delta R.T. 0.00 min

Lab File: VU027079.D

Acq: 23 Sep 2018 18:01

Instrument :

MSVOA_U

ClientSampleId :

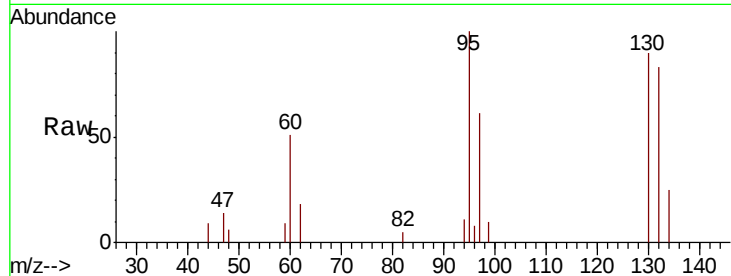
BP-FW-MW01-20180916

Tot Ion:130 Resp: 3540

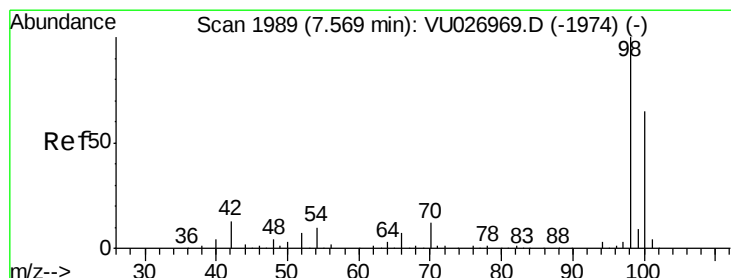
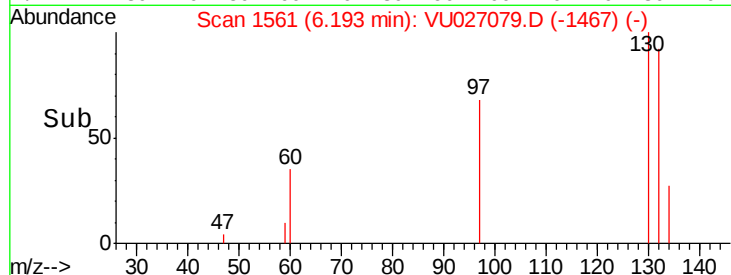
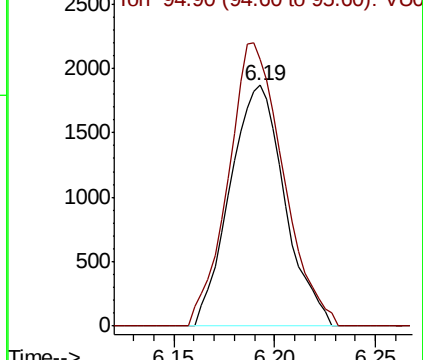
Ion Ratio Lower Upper

130 100

95 110.7 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): VU026969.D (-1545) (-)



#50

Toluene-d8

Concen: 48.755 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027079.D

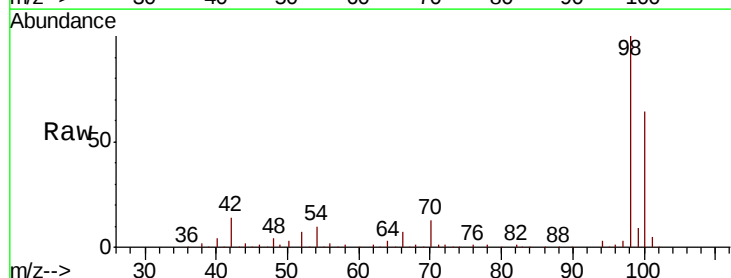
Acq: 23 Sep 2018 18:01

Tgt Ion: 98 Resp: 252715

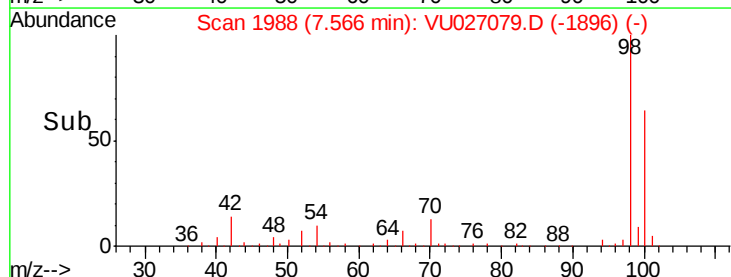
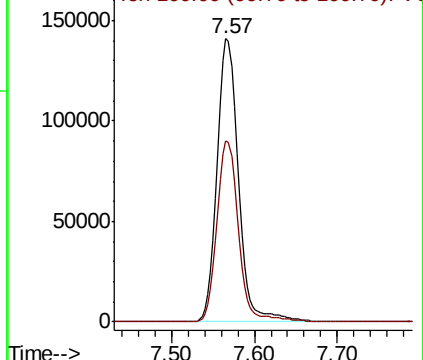
Ion Ratio Lower Upper

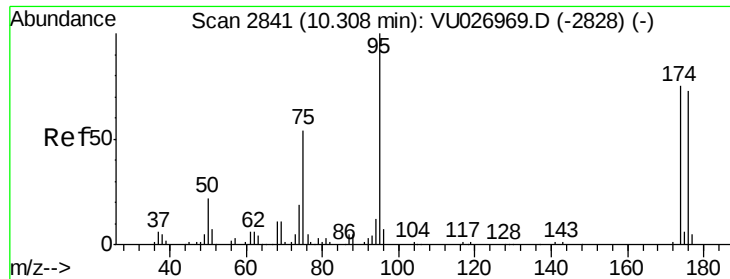
98 100

100 64.2 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU026969.D (-1974) (-)





#62

4-Bromofluorobenzene

Concen: 45.359 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027079.D

Acq: 23 Sep 2018 18:01

Instrument :

MSVOA_U

ClientSampleId :

BP-FW-MW01-20180916

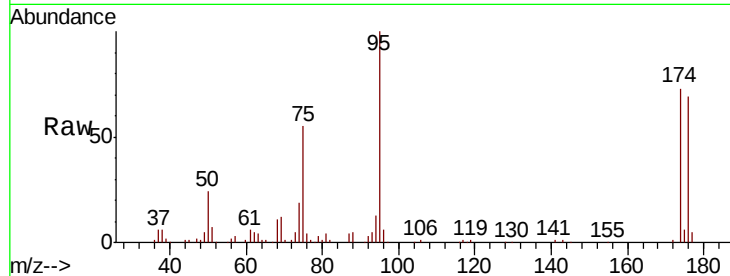
Tot Ion: 95 Resp: 80675

Ion Ratio Lower Upper

95 100

174 74.3 0.0 150.2

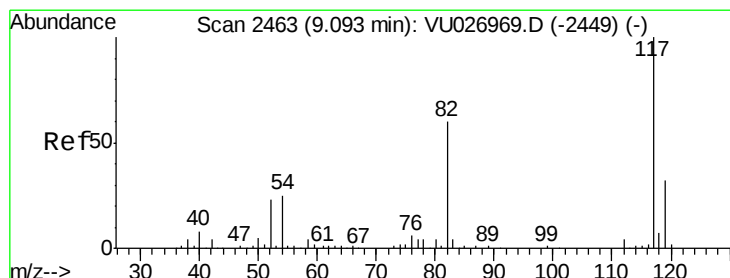
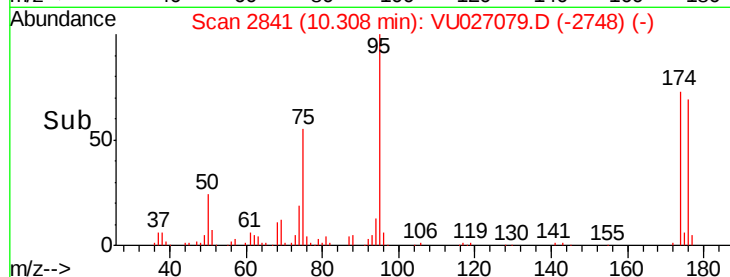
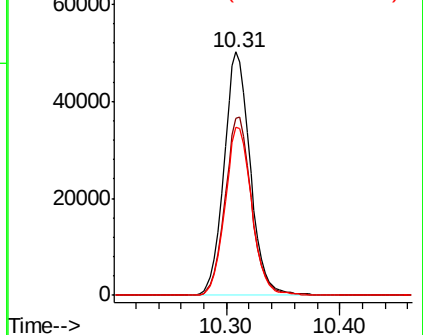
176 70.4 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU027079.D

Acq: 23 Sep 2018 18:01

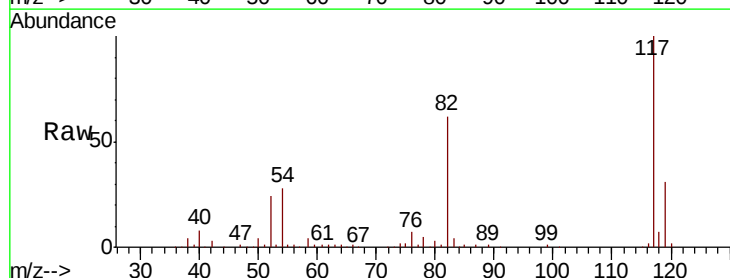
Tgt Ion: 117 Resp: 150333

Ion Ratio Lower Upper

117 100

82 62.4 48.0 72.0

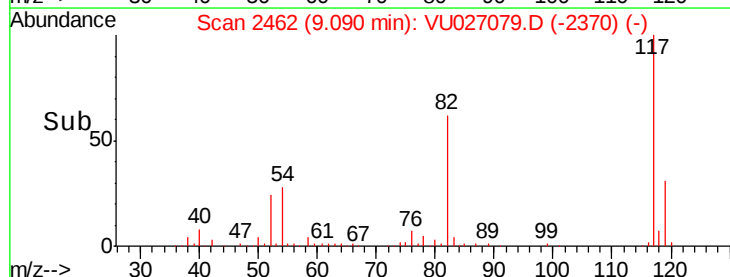
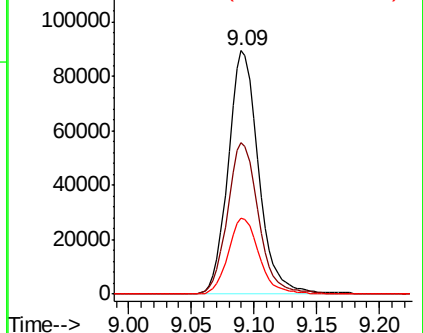
119 31.1 25.8 38.8

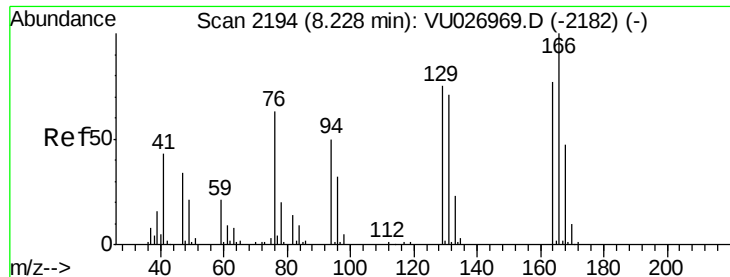


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 2.654 ug/l

RT: 8.23 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VU027079.D

Acq: 23 Sep 2018 18:01

Instrument :

MSVOA_U

ClientSampleId :

BP-FW-MW01-20180916

Tot Ion:164 Resp: 3074

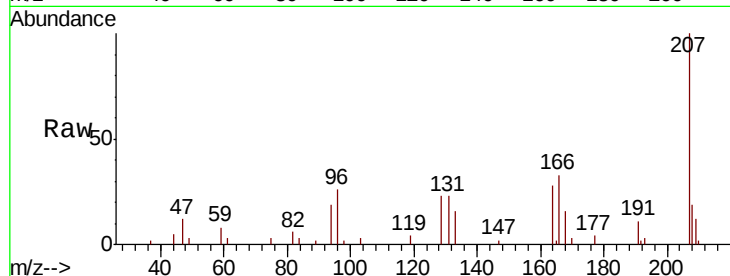
Ion Ratio Lower Upper

164 100

166 120.5 104.4 156.6

129 84.8 78.7 118.1

131 84.6 73.9 110.9

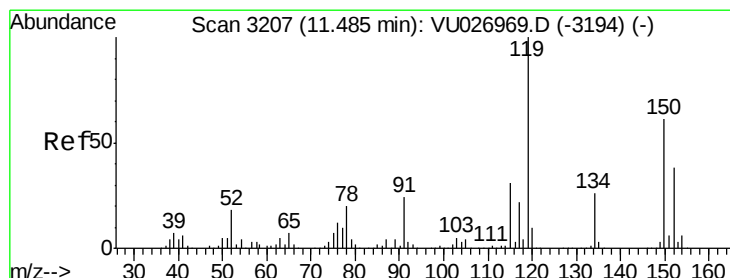
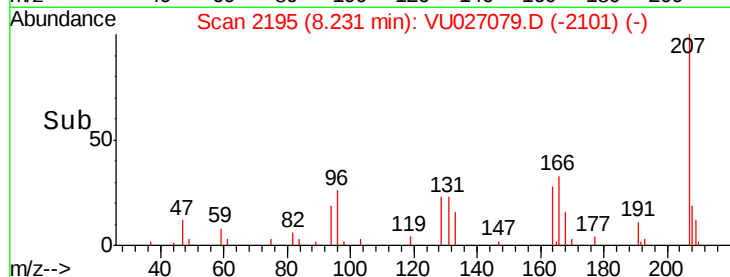
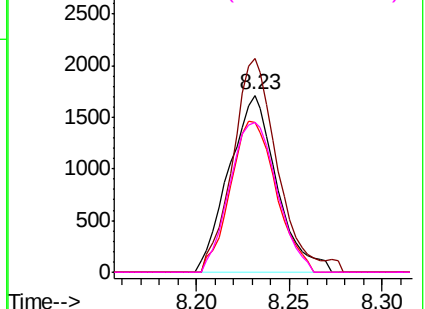


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027079.D

Acq: 23 Sep 2018 18:01

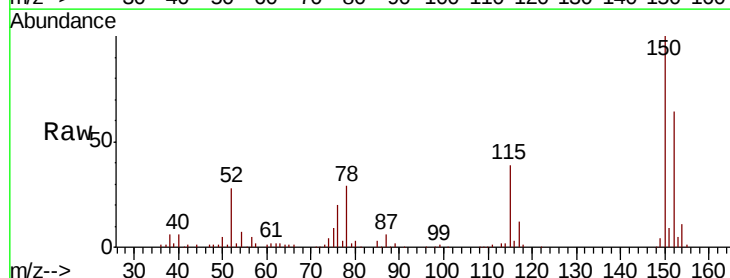
Tgt Ion:152 Resp: 69426

Ion Ratio Lower Upper

152 100

115 61.9 44.9 134.5

150 156.9 0.0 355.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

