

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092318\
 Data File : VU027077.D
 Acq On : 23 Sep 2018 17:14
 Operator : MD/SY
 Sample : J4980-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 119 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-FW-MW03-20180916

Quant Time: Sep 24 08:43:33 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	90459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	152584	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	148427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	67313	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	95012	52.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.38%	
35) Dibromofluoromethane	4.89	113	65960	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
50) Toluene-d8	7.57	98	247467	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	10.31	95	81396	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.12%	

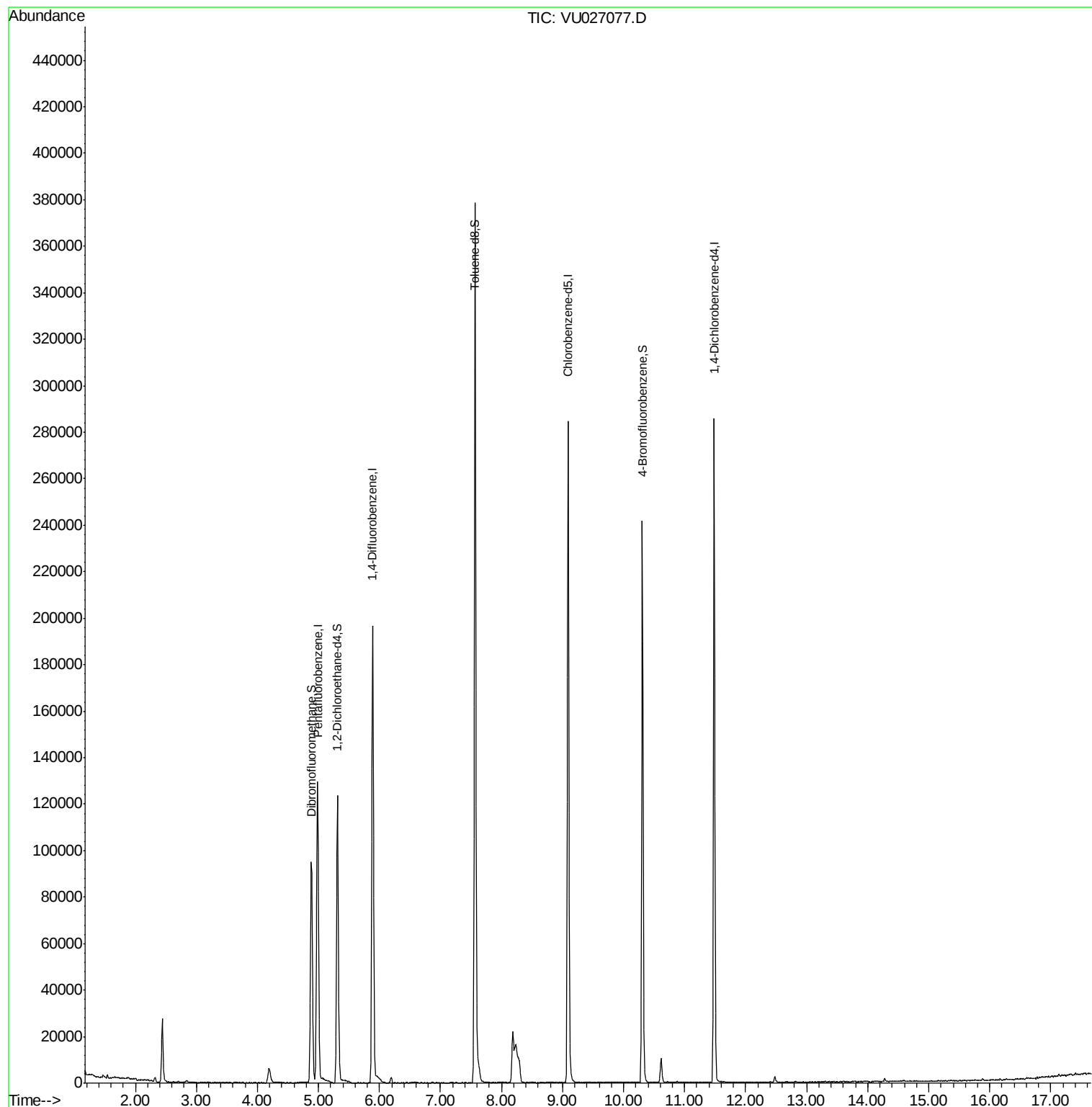
Target Compounds	Qvalue

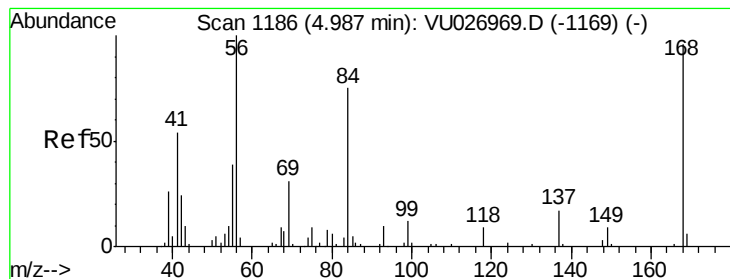
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027077.D

Acq: 23 Sep 2018 17:14

Instrument :

MSVOA_U

ClientSampleId :

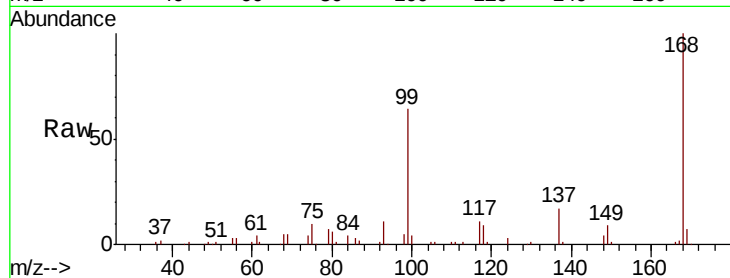
BP-FW-MW03-20180916

Tot Ion:168 Resp: 90459

Ion Ratio Lower Upper

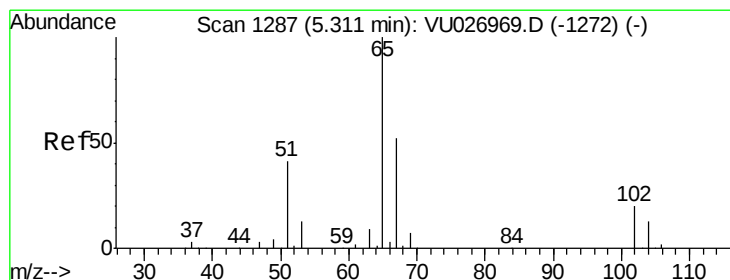
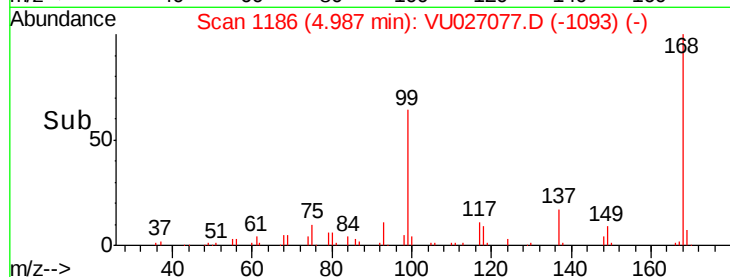
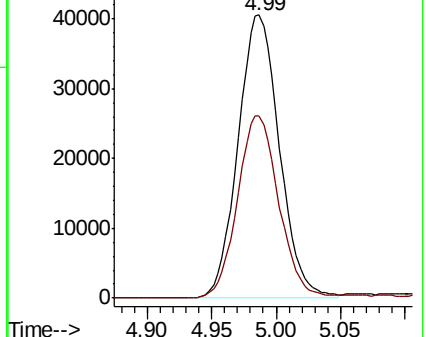
168 100

99 64.4 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) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.186 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027077.D

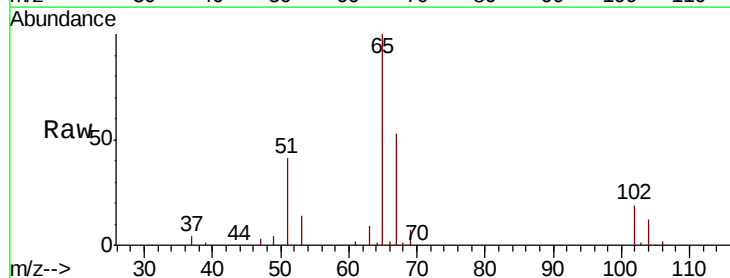
Acq: 23 Sep 2018 17:14

Tgt Ion: 65 Resp: 95012

Ion Ratio Lower Upper

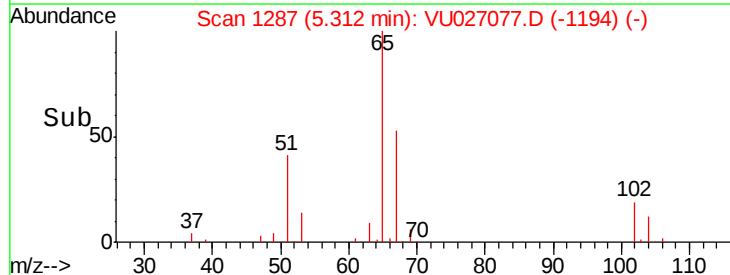
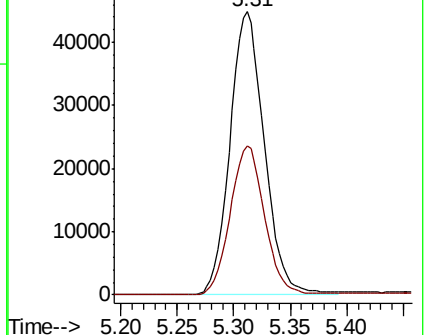
65 100

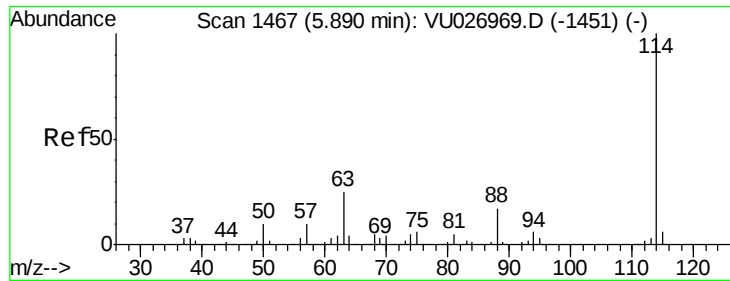
67 52.7 0.0 105.6



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

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

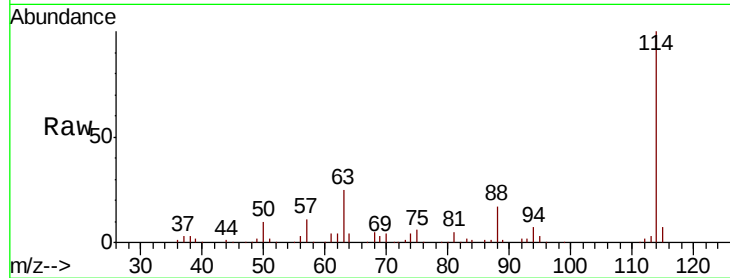




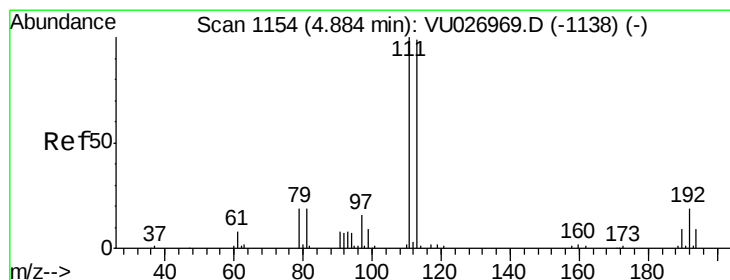
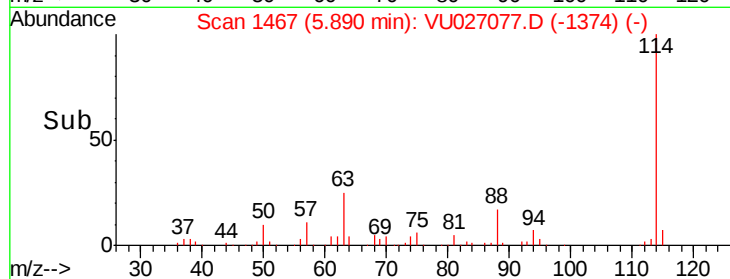
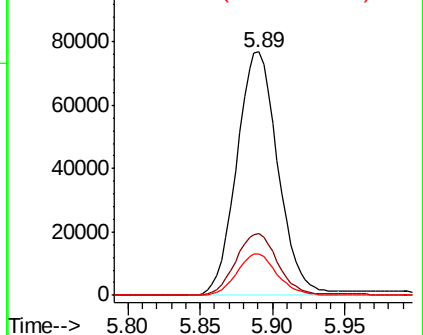
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027077.D
 Acq: 23 Sep 2018 17:14

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-FW-MW03-20180916

Tot Ion:114 Resp: 152584
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 49.2
 88 17.1 0.0 33.8

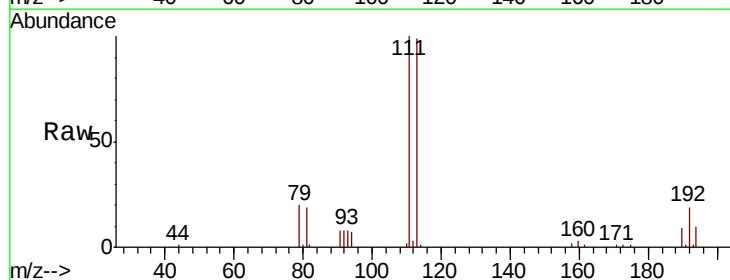


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

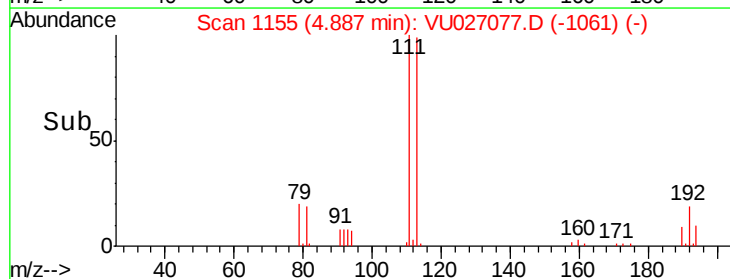
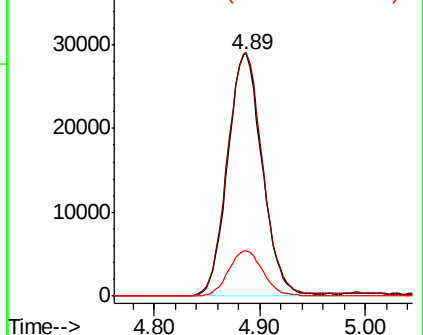


#35
 Dibromofluoromethane
 Concen: 49.871 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027077.D
 Acq: 23 Sep 2018 17:14

Tgt Ion:113 Resp: 65960
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.2 123.4
 192 18.6 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

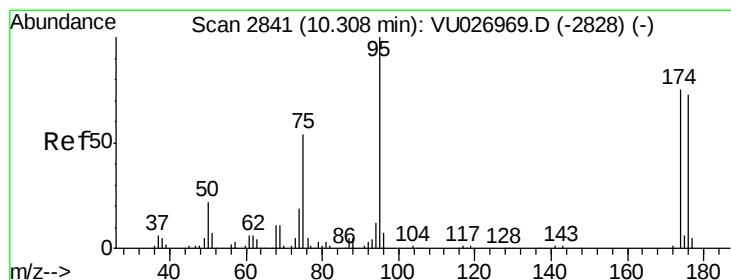
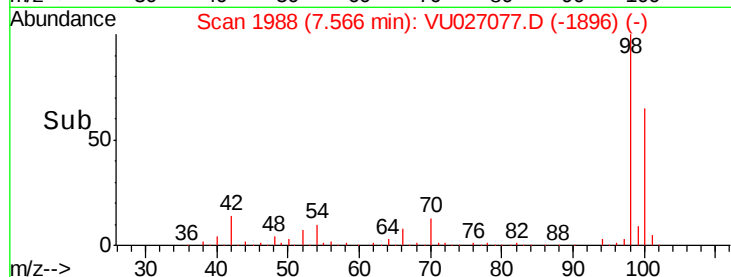
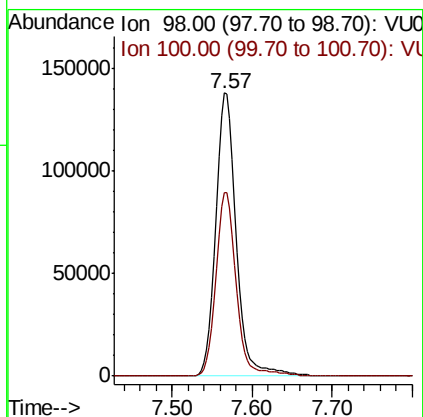
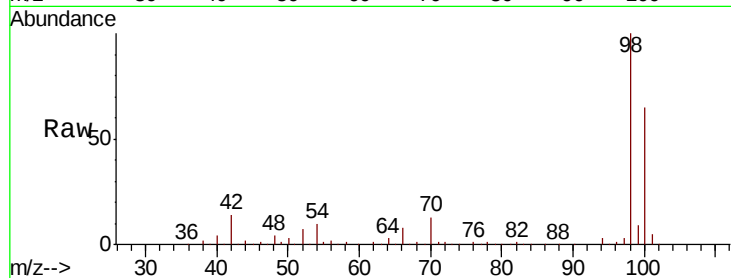




#50
Toluene-d8
Concen: 49.096 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027077.D
Acq: 23 Sep 2018 17:14

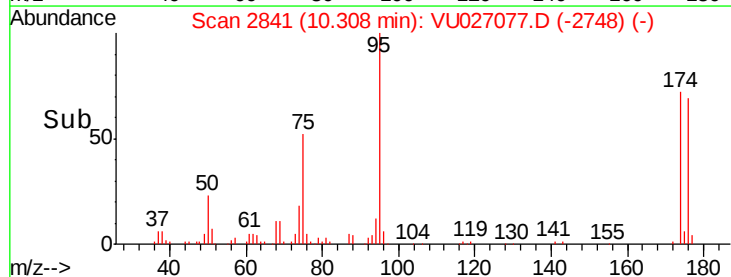
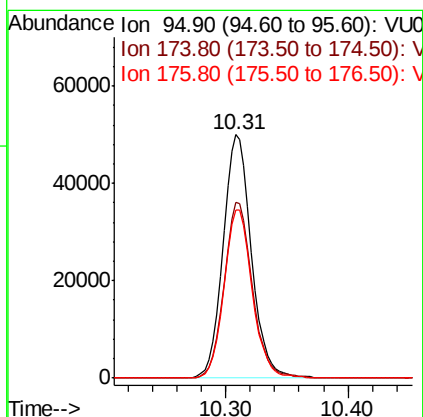
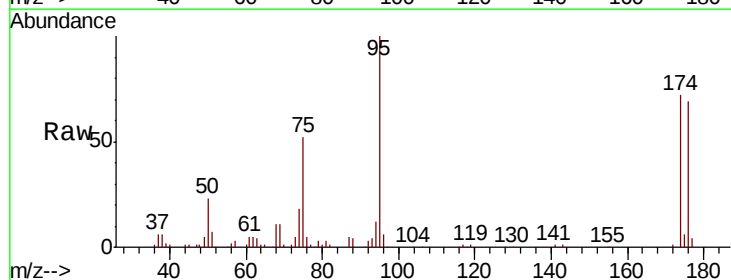
Instrument :
MSVOA_U
ClientSampleId :
BP-FW-MW03-20180916

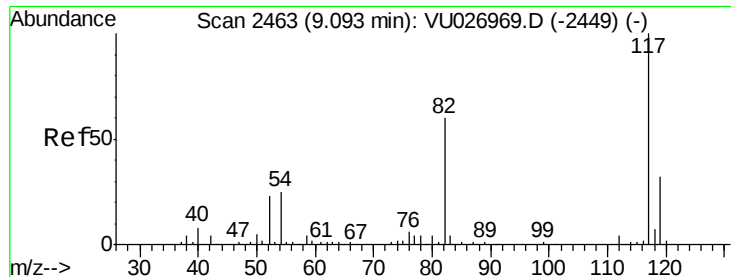
Tot Ion: 98 Resp: 247467
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.062 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027077.D
Acq: 23 Sep 2018 17:14

Tgt Ion: 95 Resp: 81396
Ion Ratio Lower Upper
95 100
174 72.2 0.0 150.2
176 69.1 0.0 145.2

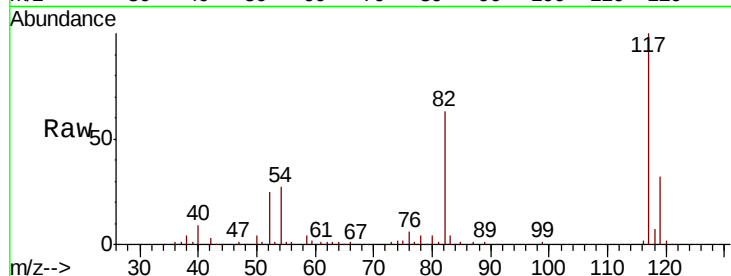




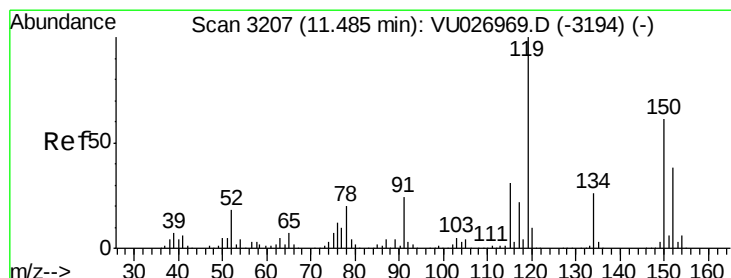
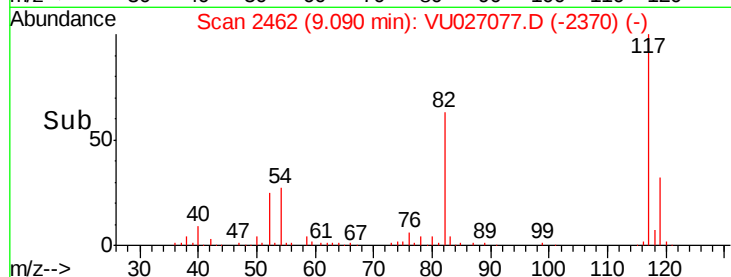
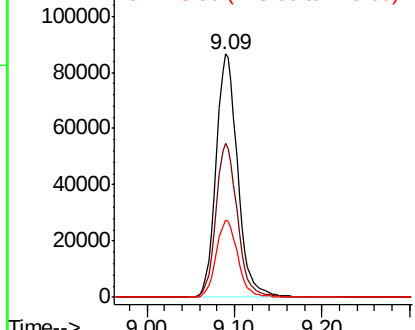
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027077.D
Acq: 23 Sep 2018 17:14

Instrument :
MSVOA_U
ClientSampleId :
BP-FW-MW03-20180916

Tot Ion:117 Resp: 148427
Ion Ratio Lower Upper
117 100
82 63.4 48.0 72.0
119 31.6 25.8 38.8

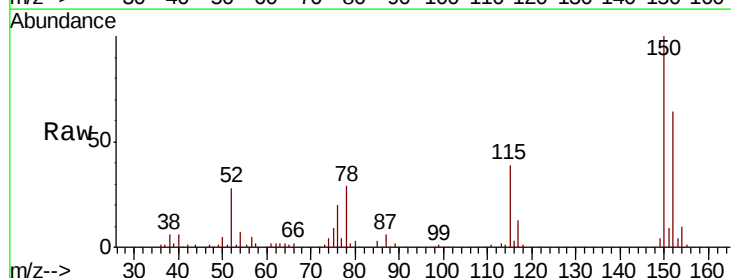


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027077.D
Acq: 23 Sep 2018 17:14

Tgt Ion:152 Resp: 67313
Ion Ratio Lower Upper
152 100
115 61.2 44.9 134.5
150 158.5 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

