

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092218\
 Data File : VU027008.D
 Acq On : 22 Sep 2018 09:37
 Operator : MD/SY
 Sample : J4958-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-DUP02-20180914

Quant Time: Sep 24 04:21:38 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

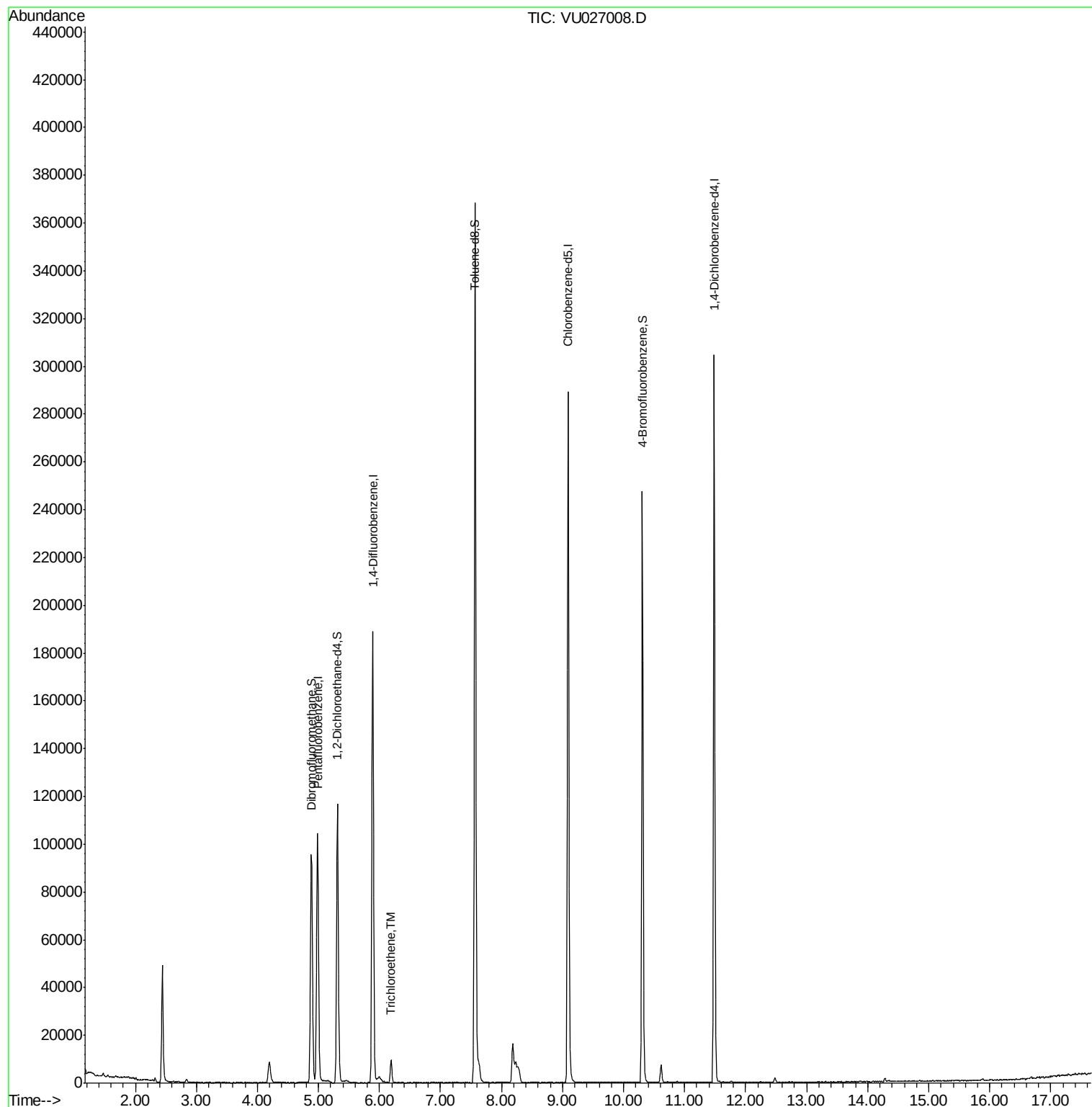
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	71817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	147393	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	151016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	71913	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	89968	62.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.48%	
35) Dibromofluoromethane	4.89	113	66207	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
50) Toluene-d8	7.57	98	234824	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
62) 4-Bromofluorobenzene	10.31	95	81802	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
Target Compounds						
44) Trichloroethene	6.19	130	3386	2.660	ug/l	Qvalue 97

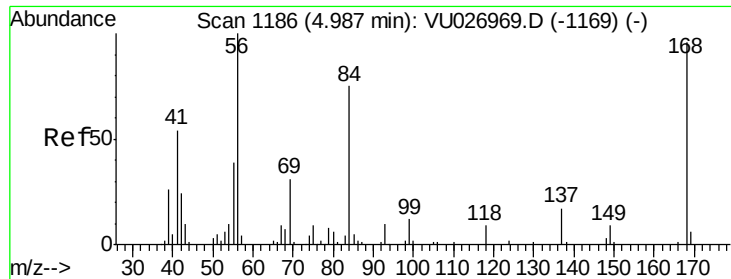
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027008.D

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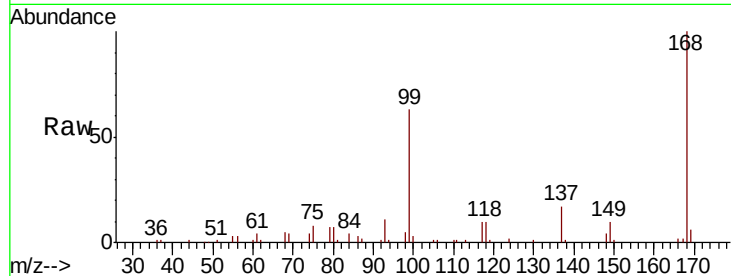
BP-DUP02-20180914

Tot Ion:168 Resp: 71817

Ion Ratio Lower Upper

168 100

99 63.2 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

30000

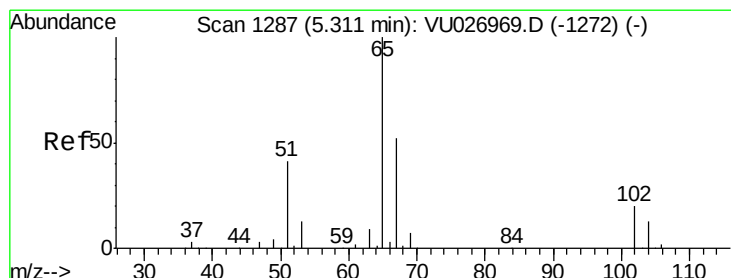
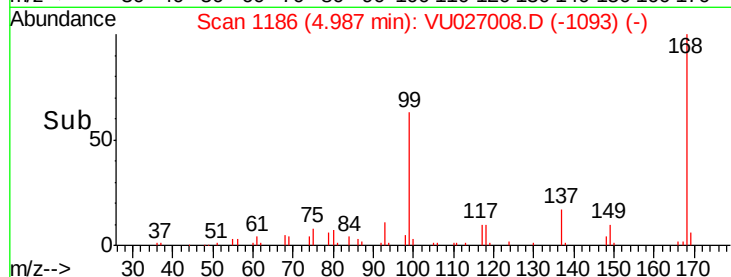
20000

10000

0

Time-->

4.90 4.95 5.00 5.05



#33

1,2-Dichloroethane-d4

Concen: 62.243 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027008.D

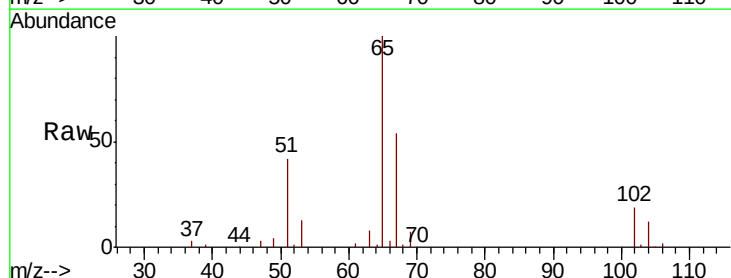
Acq: 22 Sep 2018 09:37

Tgt Ion: 65 Resp: 89968

Ion Ratio Lower Upper

65 100

67 53.3 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

50000

40000

30000

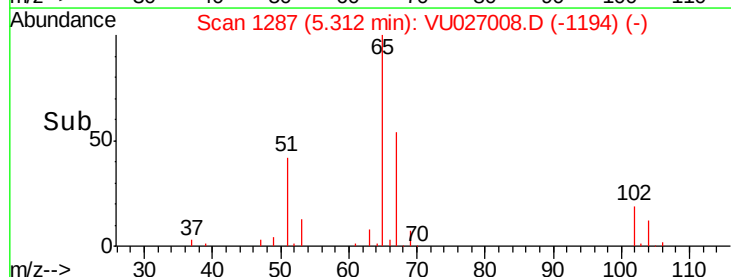
20000

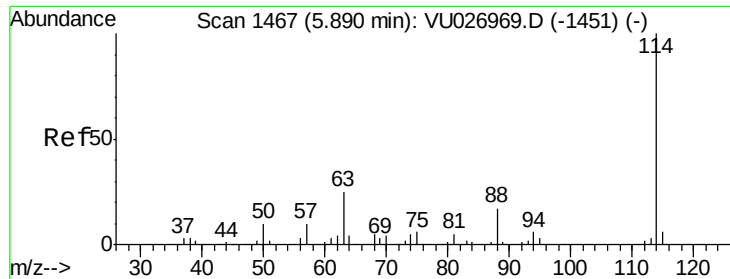
10000

0

Time-->

5.25 5.30 5.35 5.40

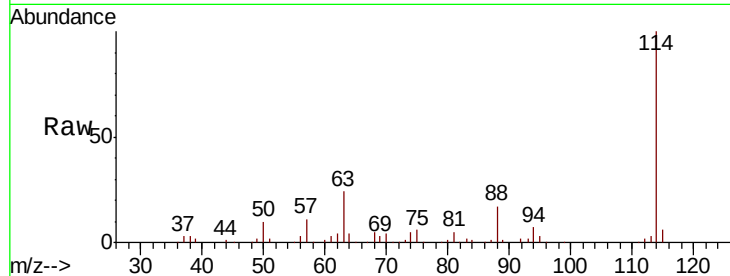




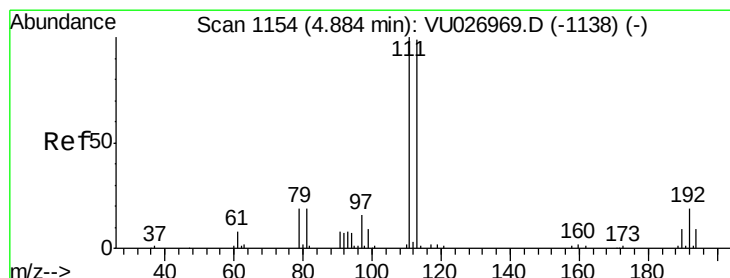
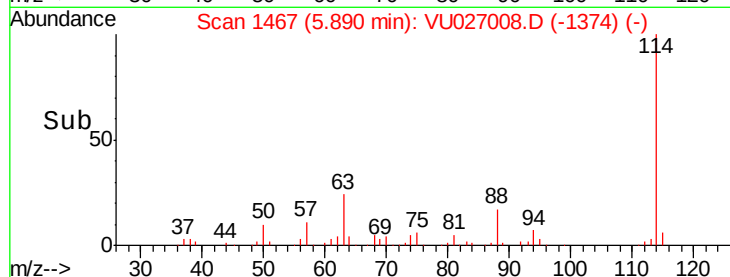
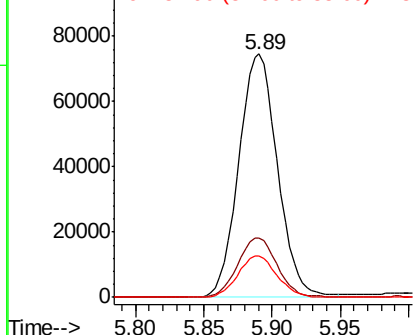
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027008.D
 Acq: 22 Sep 2018 09:37

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-DUP02-20180914

Tot Ion:114 Resp: 147393
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 49.2
 88 17.0 0.0 33.8

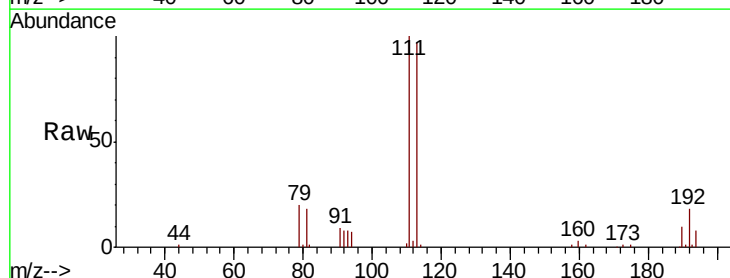


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

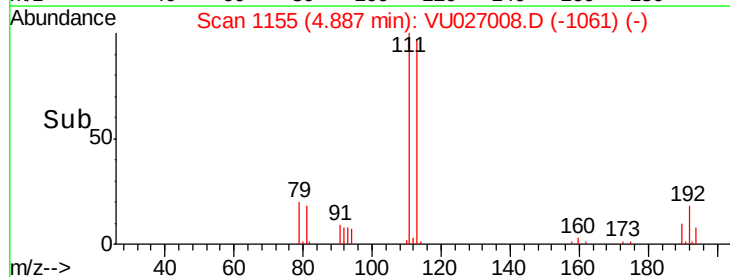
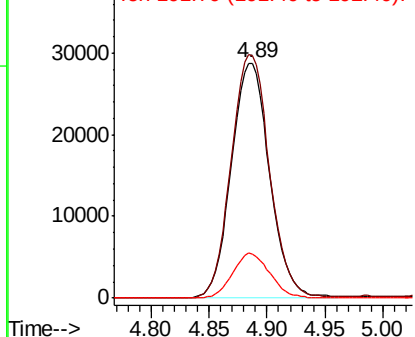


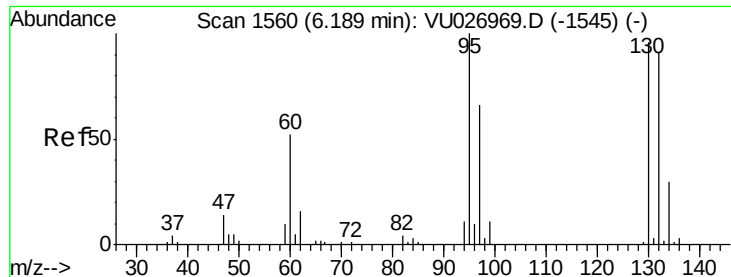
#35
 Dibromofluoromethane
 Concen: 51.821 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027008.D
 Acq: 22 Sep 2018 09:37

Tgt Ion:113 Resp: 66207
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.2 123.4
 192 18.5 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: 2.660 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027008.D

Acq: 22 Sep 2018 09:37

Instrument :

MSVOA_U

ClientSampleId :

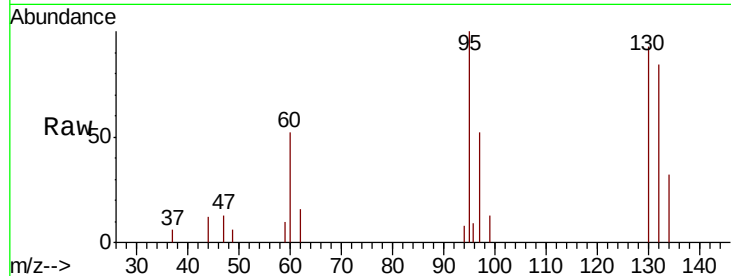
BP-DUP02-20180914

Tot Ion:130 Resp: 3386

Ion Ratio Lower Upper

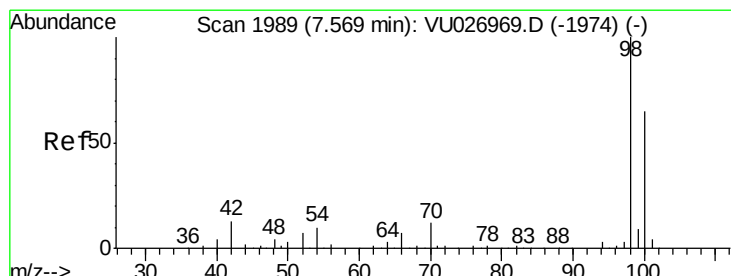
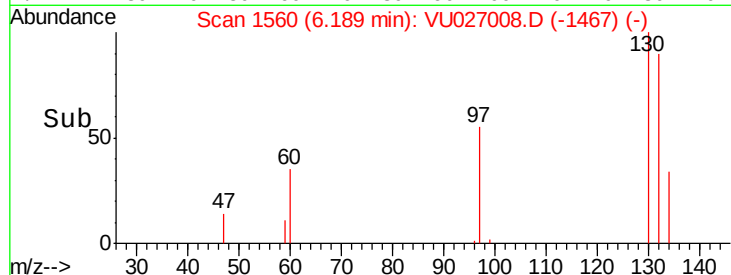
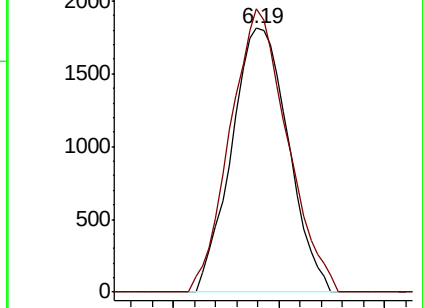
130 100

95 107.3 0.0 208.8



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

Ion 94.90 (94.60 to 95.60): VU026969.D (-1545) (-)



#50

Toluene-d8

Concen: 48.228 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027008.D

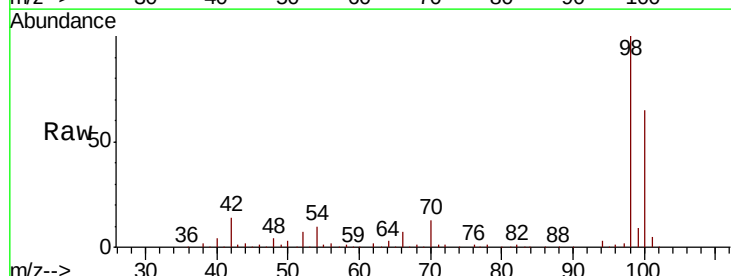
Acq: 22 Sep 2018 09:37

Tgt Ion: 98 Resp: 234824

Ion Ratio Lower Upper

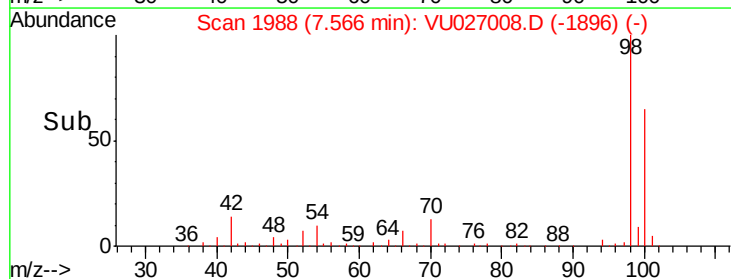
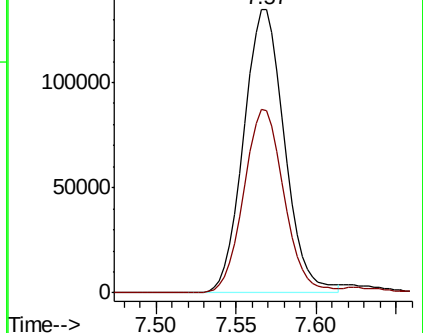
98 100

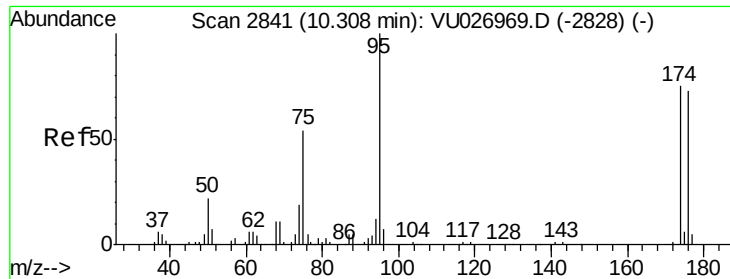
100 63.9 52.1 78.1



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

Ion 100.00 (99.70 to 100.70): VU026969.D (-1974) (-)

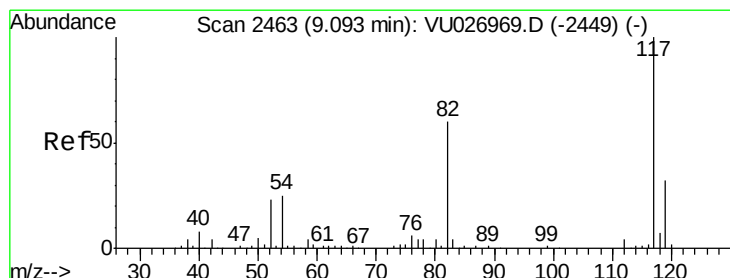
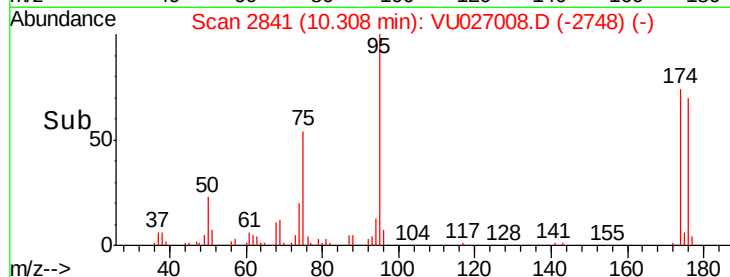
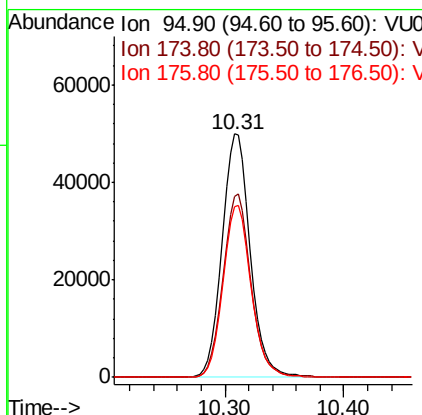
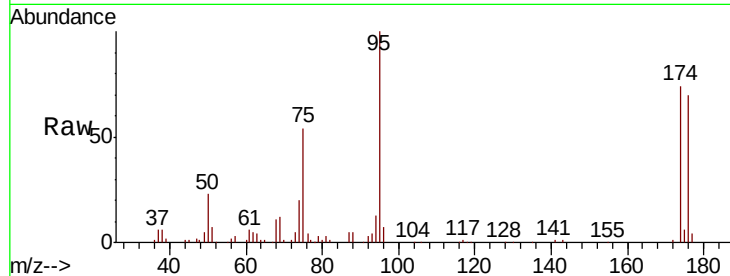




#62
4-Bromofluorobenzene
Concen: 48.962 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027008.D
Acq: 22 Sep 2018 09:37

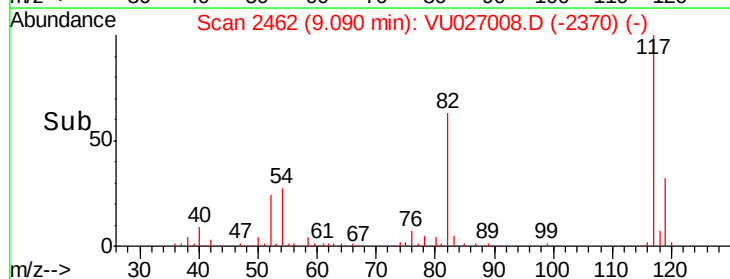
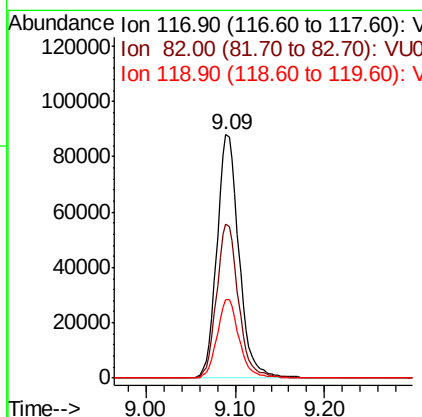
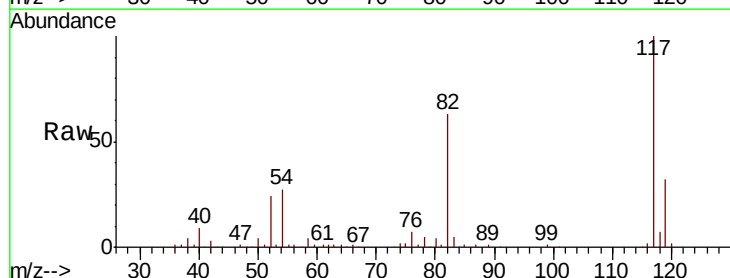
Instrument :
MSVOA_U
ClientSampleId :
BP-DUP02-20180914

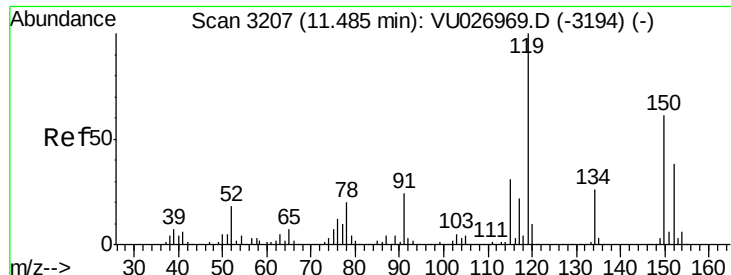
Tot Ion: 95 Resp: 81802
Ion Ratio Lower Upper
95 100
174 74.6 0.0 150.2
176 70.8 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027008.D
Acq: 22 Sep 2018 09:37

Tgt Ion: 117 Resp: 151016
Ion Ratio Lower Upper
117 100
82 63.3 48.0 72.0
119 32.0 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027008.D

Acq: 22 Sep 2018 09:37

Instrument :

MSVOA_U

ClientSampleId :

BP-DUP02-20180914

Tot Ion:152 Resp: 71913

Ion Ratio Lower Upper

152 100

115 62.3 44.9 134.5

150 159.6 0.0 355.8

