

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100118\
 Data File : VU027326.D
 Acq On : 01 Oct 2018 18:22
 Operator : MD/SY
 Sample : J5172-26
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Oct 02 07:59:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	101515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	171759	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	164395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	78791	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	99253	58.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	117.10%	
35) Dibromofluoromethane	4.89	113	70326	59.74	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	119.48%	
50) Toluene-d8	7.57	98	272935	61.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	123.90%	
62) 4-Bromofluorobenzene	10.31	95	91536	55.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.82%	

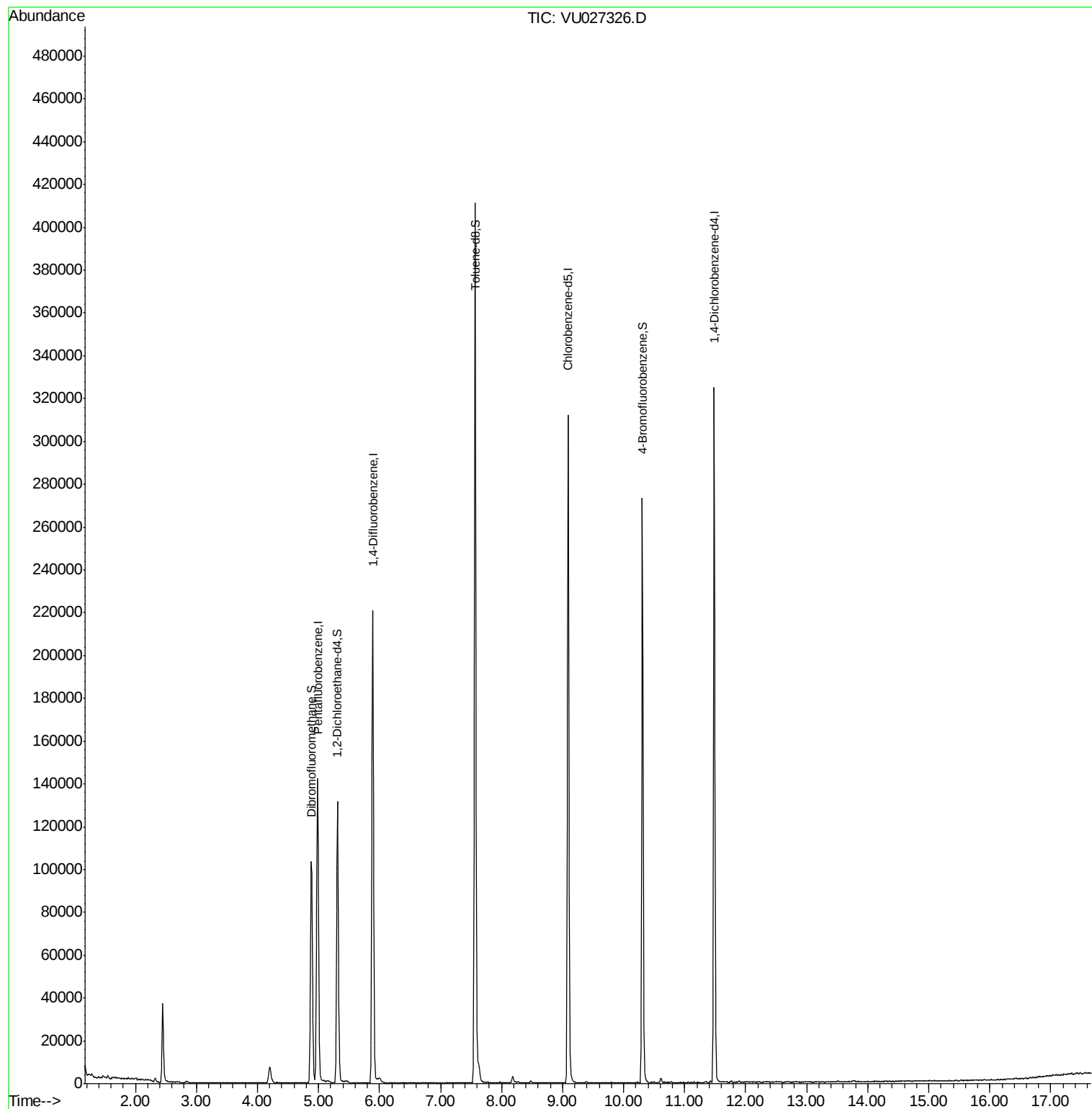
Target Compounds	Qvalue

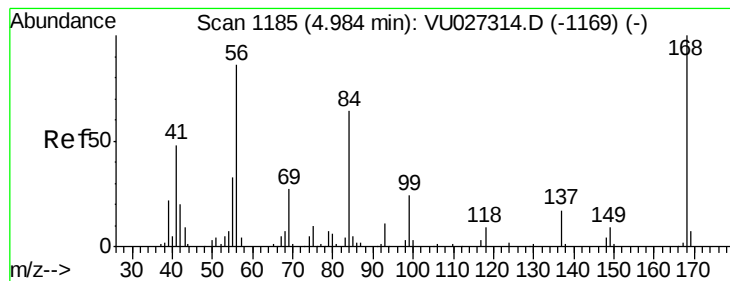
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027326.D

Acq: 01 Oct 2018 18:22

Instrument :

MSVOA_U

ClientSampleId :

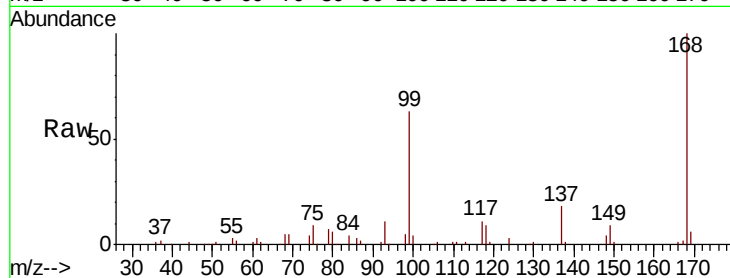
STORAGE-BLANK-WATER-REF-5

Tot Ion:168 Resp: 101515

Ion Ratio Lower Upper

168 100

99 63.1 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.99

50000

40000

30000

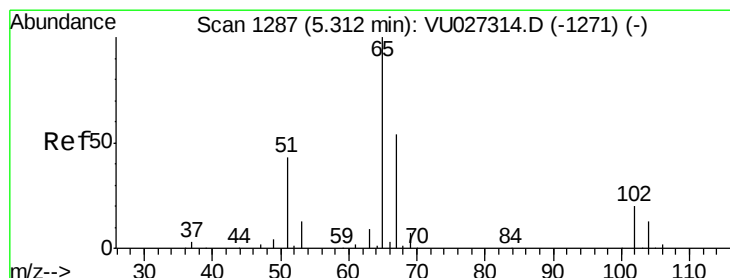
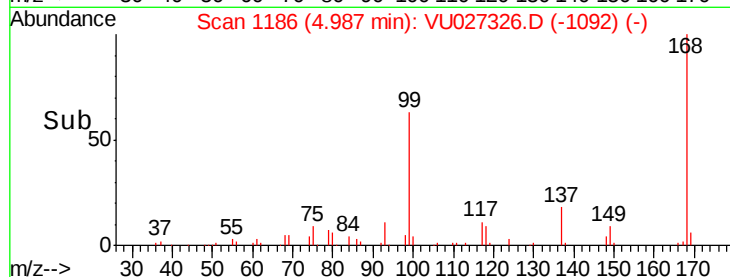
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.552 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027326.D

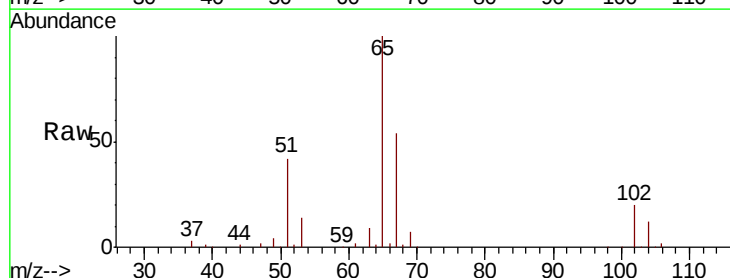
Acq: 01 Oct 2018 18:22

Tgt Ion: 65 Resp: 99253

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU027314.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU027314.D (-1271) (-)

5.31

50000

40000

30000

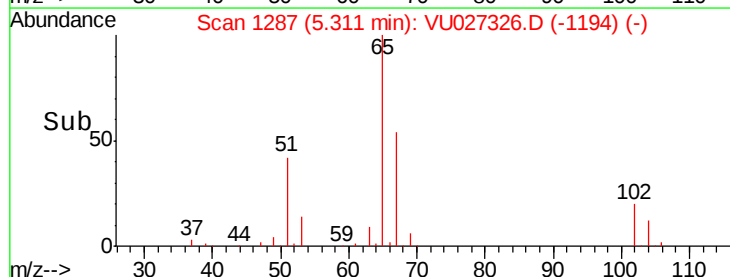
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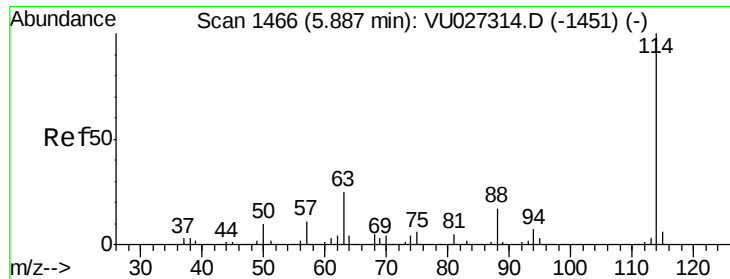
10000

0

5.25 5.30 5.35 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: VU027326.D

Acq: 01 Oct 2018 18:22

Instrument :

MSVOA_U

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

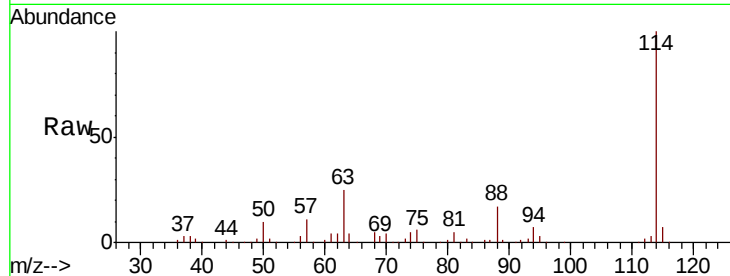
Tot Ion:114 Resp: 171759

Ion Ratio Lower Upper

114 100

63 25.1 0.0 50.2

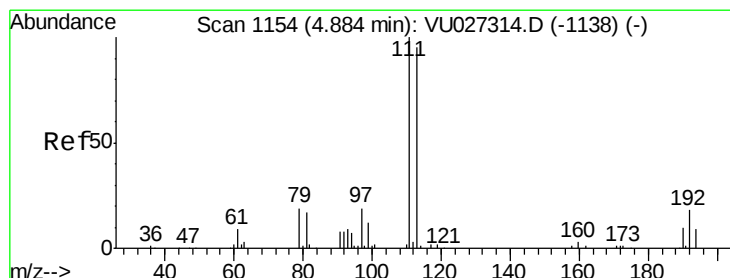
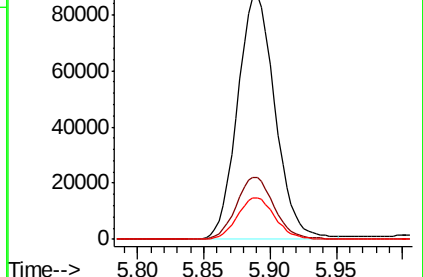
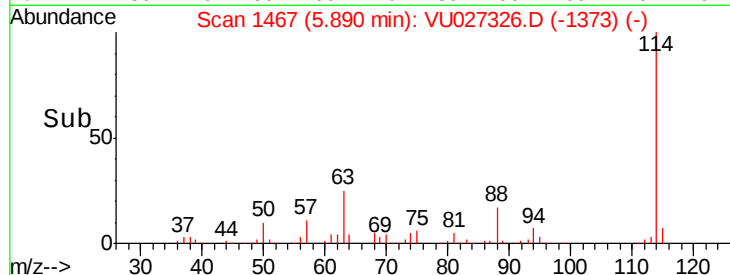
88 17.2 0.0 33.8



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: 59.744 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027326.D

Acq: 01 Oct 2018 18:22

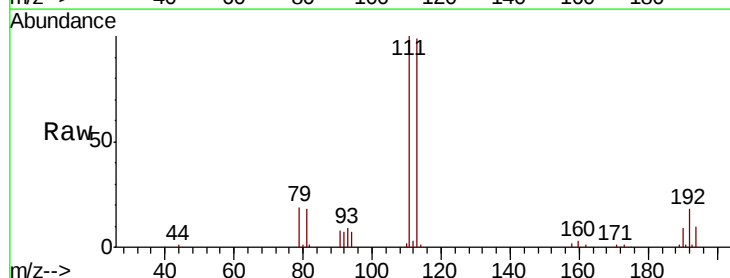
Tgt Ion:113 Resp: 70326

Ion Ratio Lower Upper

113 100

111 104.4 83.1 124.7

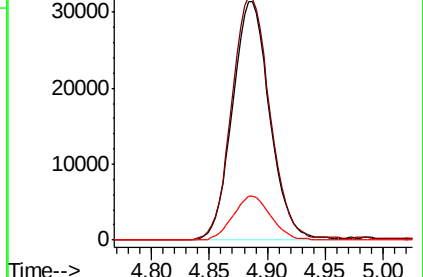
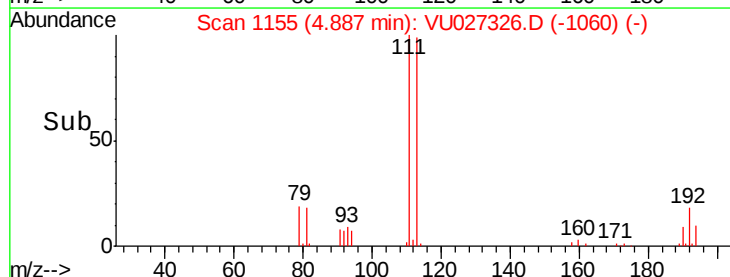
192 18.6 15.4 23.0

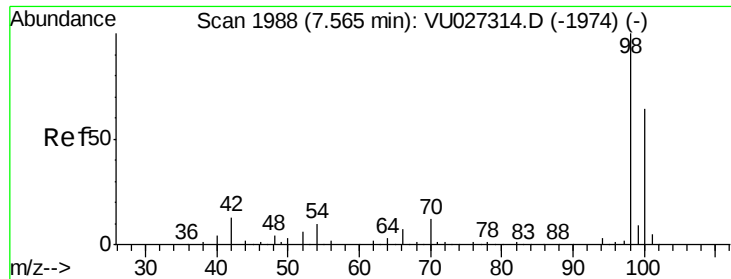


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

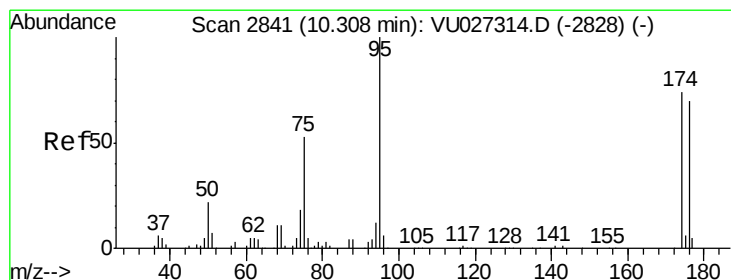
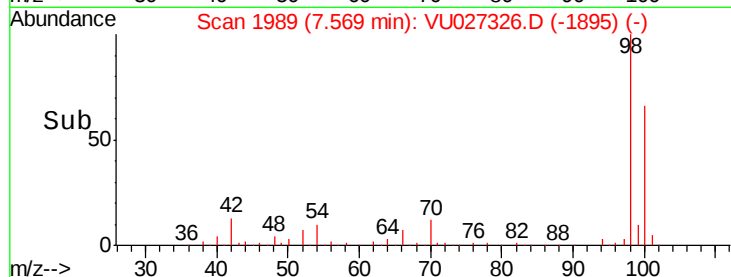
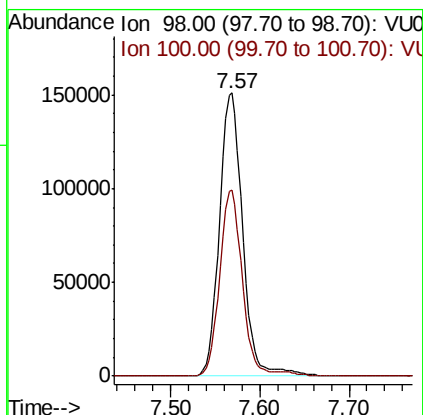
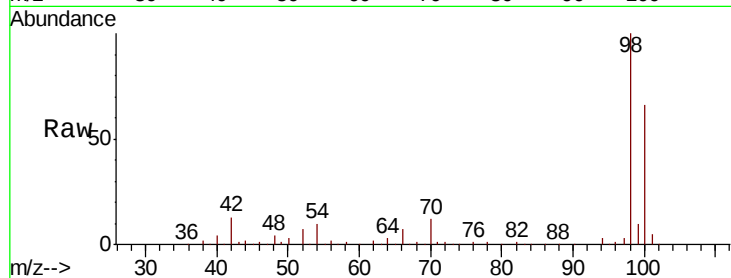




#50
Toluene-d8
Concen: 61.952 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027326.D
Acq: 01 Oct 2018 18:22

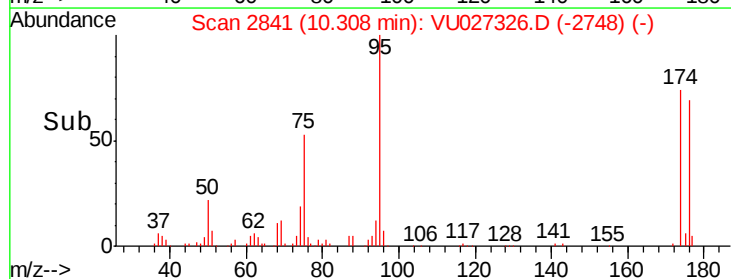
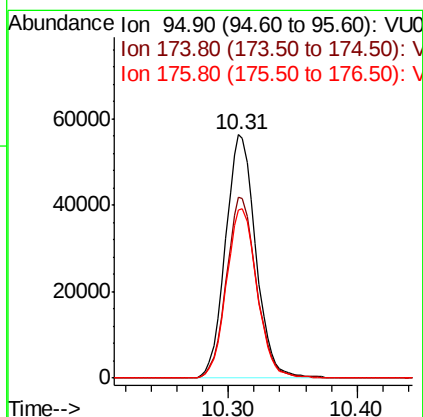
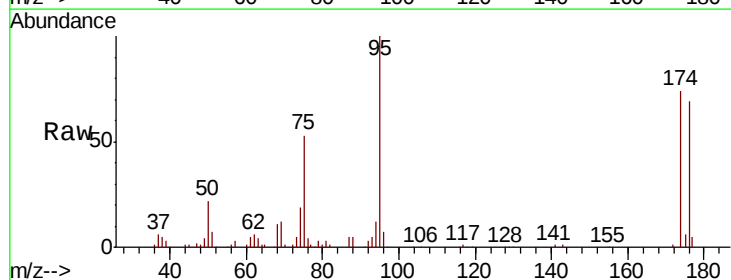
Instrument :
MSVOA_U
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STORAGE-BLANK-WATER-REF-5

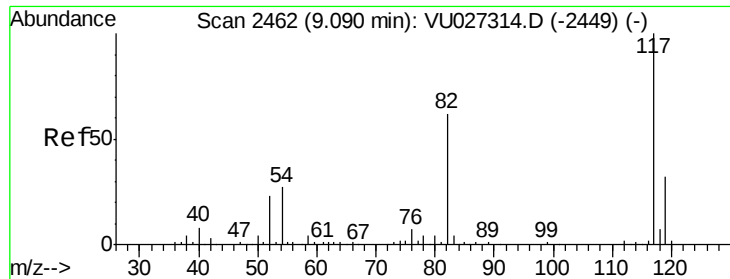
Tot Ion: 98 Resp: 272935
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 55.907 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027326.D
Acq: 01 Oct 2018 18:22

Tgt Ion: 95 Resp: 91536
Ion Ratio Lower Upper
95 100
174 74.3 0.0 147.8
176 70.5 0.0 140.8

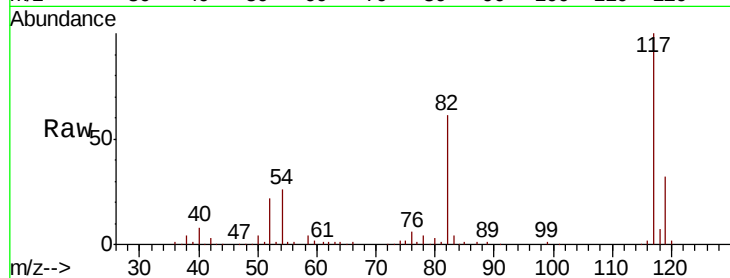




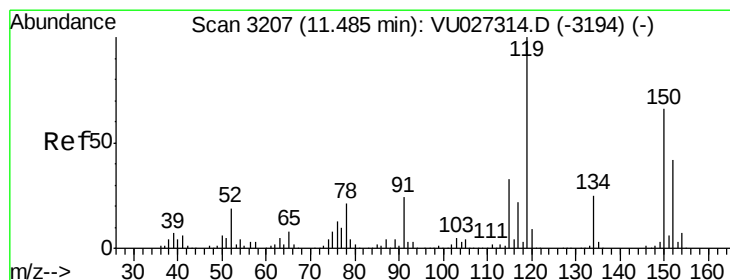
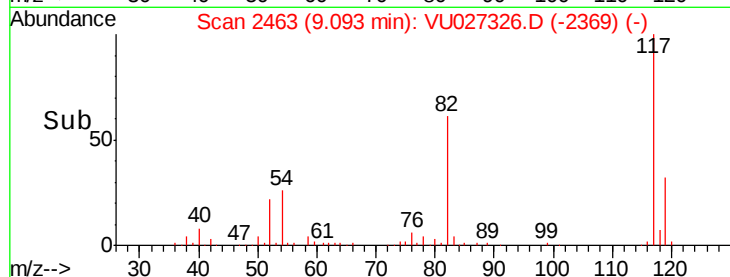
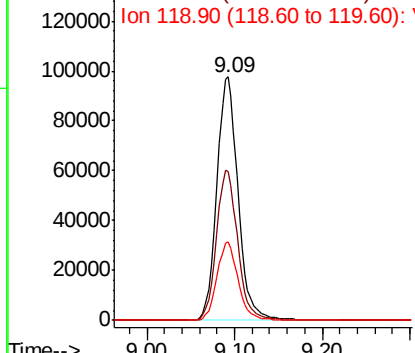
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027326.D
Acq: 01 Oct 2018 18:22

Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tot Ion:117 Resp: 164395
Ion Ratio Lower Upper
117 100
82 61.0 49.2 73.8
119 32.0 25.7 38.5

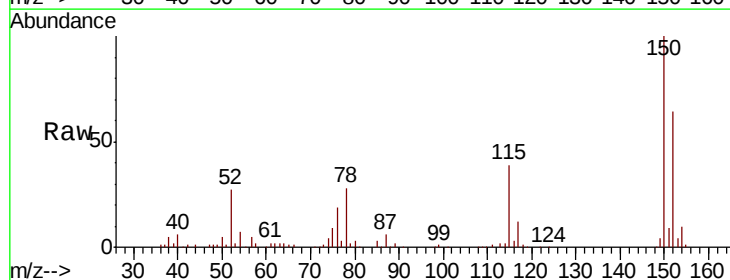


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027326.D
Acq: 01 Oct 2018 18:22

Tgt Ion:152 Resp: 78791
Ion Ratio Lower Upper
152 100
115 61.0 43.4 130.2
150 155.3 0.0 349.2



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

