

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092618\
 Data File : VU027166.D
 Acq On : 26 Sep 2018 10:47
 Operator : MD/SY
 Sample : J5032-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-16-092018

Quant Time: Sep 27 01:35:30 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

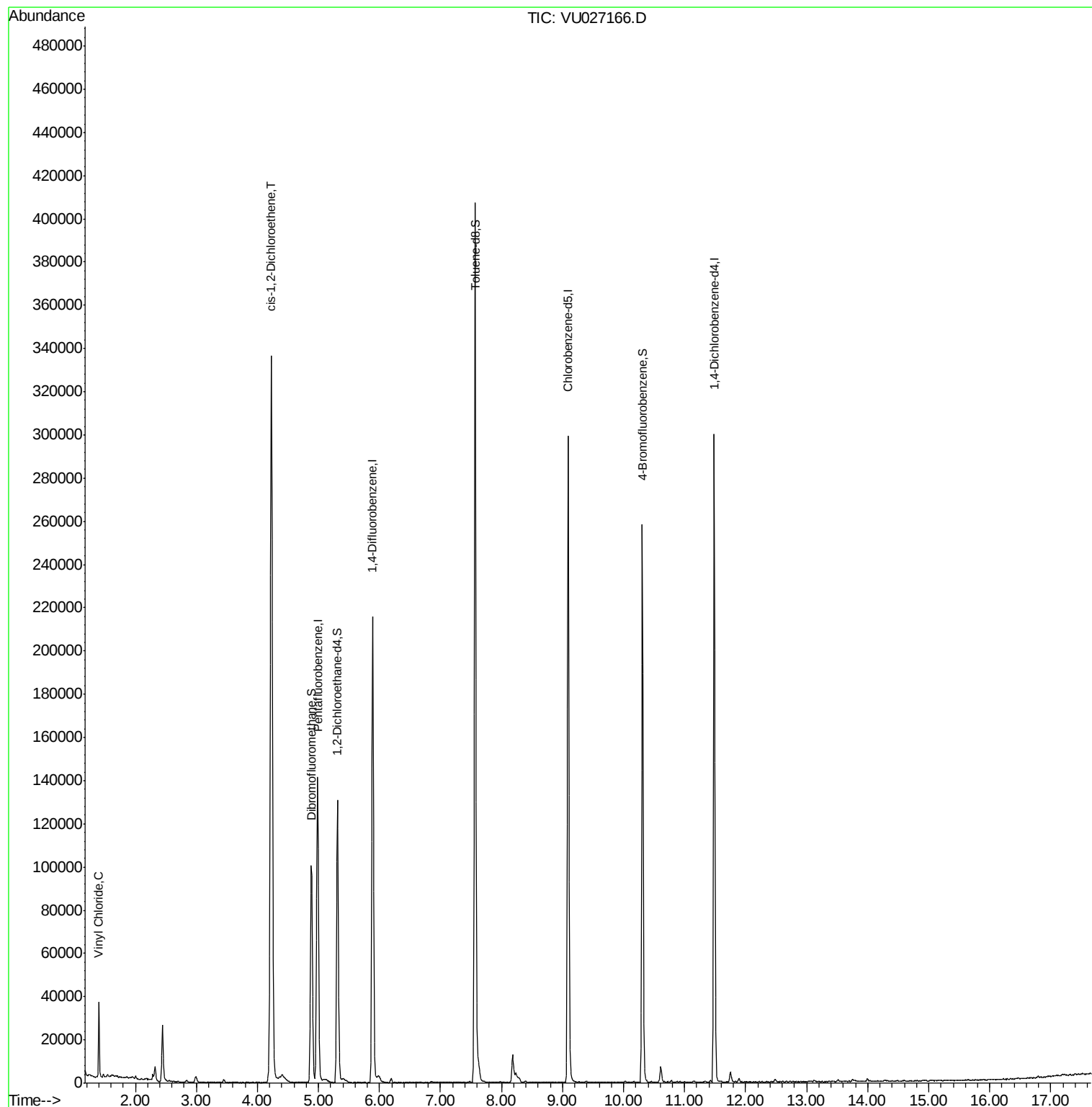
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	98494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	166887	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	157463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	71541	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	99950	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
35) Dibromofluoromethane	4.88	113	69227	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
50) Toluene-d8	7.57	98	263574	47.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.62%	
62) 4-Bromofluorobenzene	10.31	95	84927	44.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.80%	
Target Compounds						
4) Vinyl Chloride	1.40	62	21781	10.524	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	174104	106.146	ug/l	92

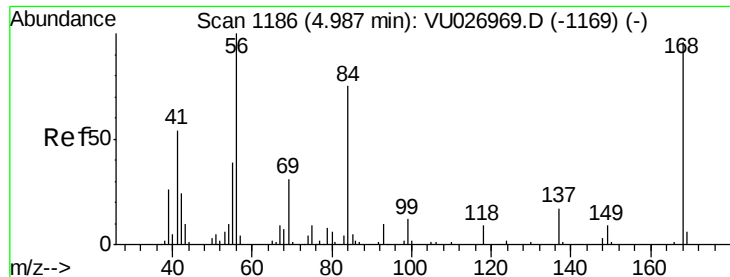
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027166.D

Acq: 26 Sep 2018 10:47

Instrument :

MSVOA_U

ClientSampleId :

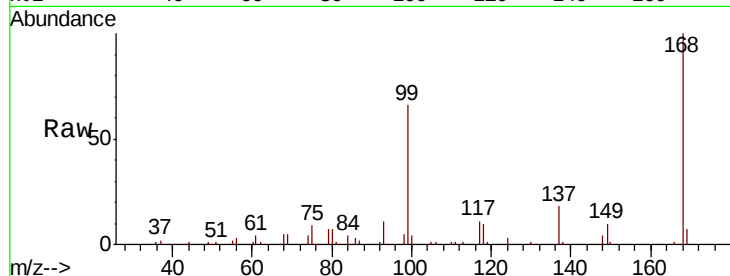
MW-16-092018

Tot Ion:168 Resp: 98494

Ion Ratio Lower Upper

168 100

99 65.9 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

4.99

4.99

4.99

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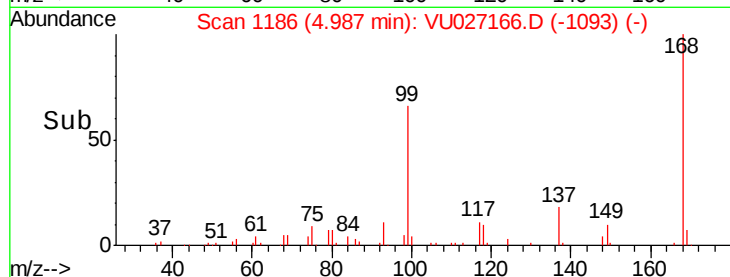
4.99

4.99

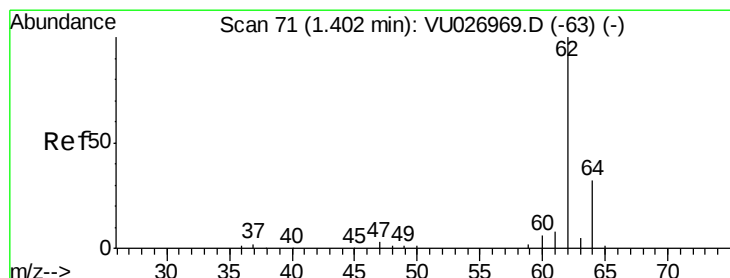
4.99

4.99

4.99



Time-->



#4

Vinyl Chloride

Concen: 10.524 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027166.D

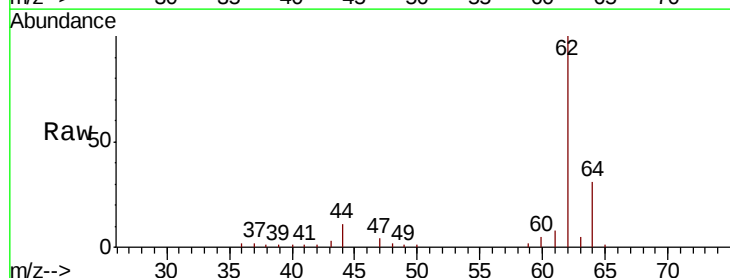
Acq: 26 Sep 2018 10:47

Tgt Ion: 62 Resp: 21781

Ion Ratio Lower Upper

62 100

64 31.0 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU026969.D (-63) (-)

Ion 63.90 (63.60 to 64.60): VU026969.D (-63) (-)

1.40

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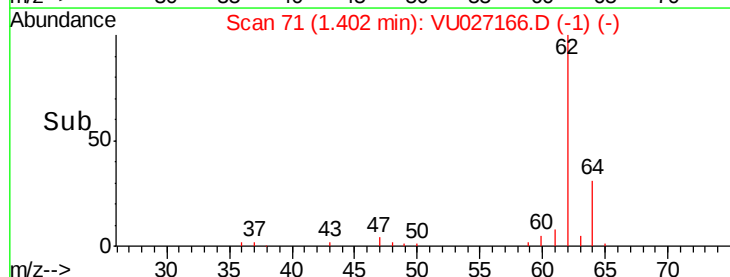
1.40

1.40

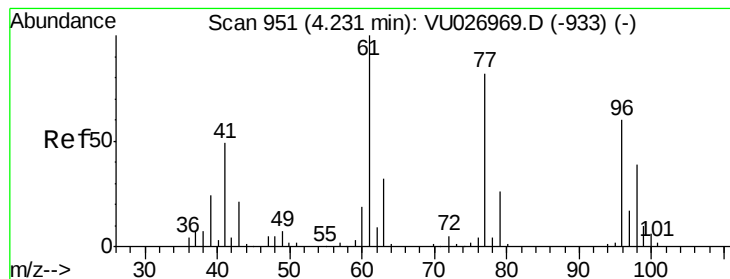
1.40

1.40

1.40



Time-->

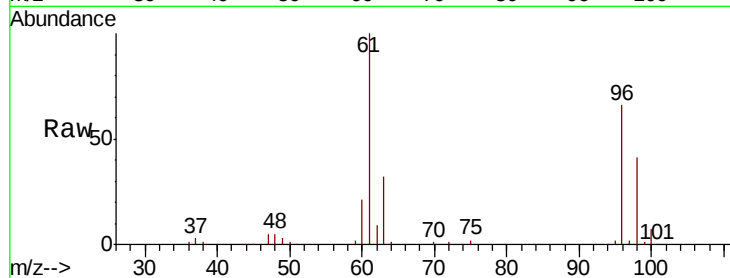


#27

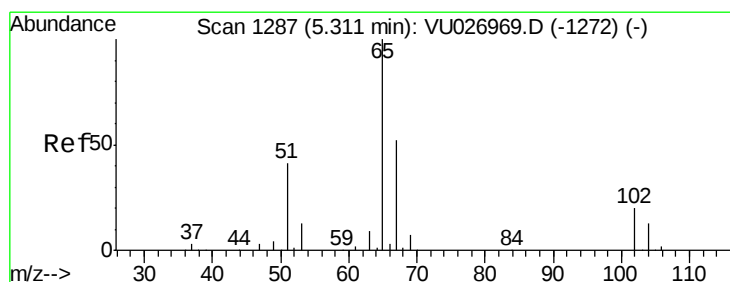
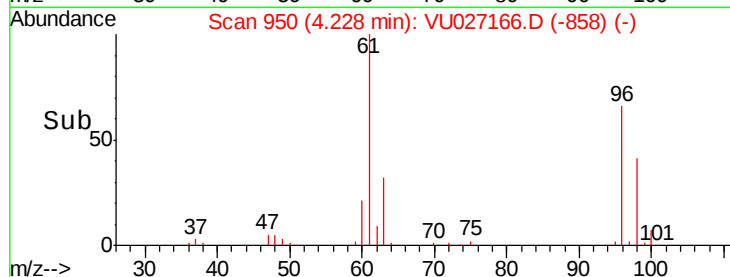
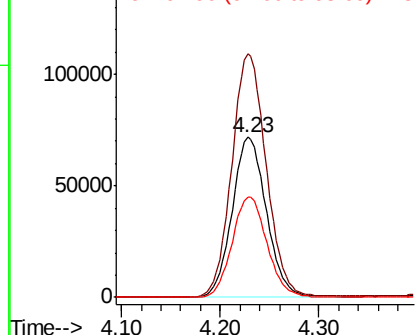
cis-1,2-Dichloroethene
 Concen: 106.146 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU027166.D
 Acq: 26 Sep 2018 10:47

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-16-092018

Tot Ion: 96 Resp: 174104
 Ion Ratio Lower Upper
 96 100
 61 152.9 0.0 337.2
 98 63.7 0.0 127.6



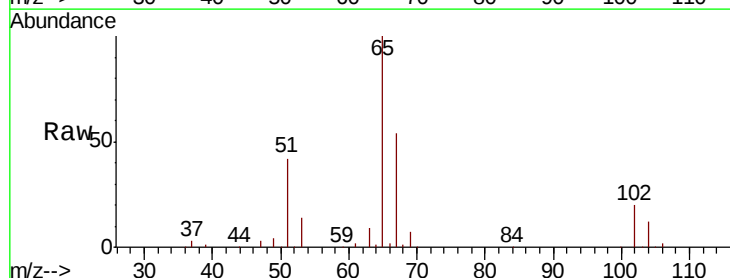
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



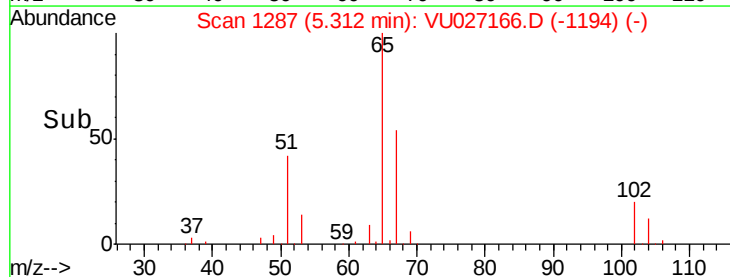
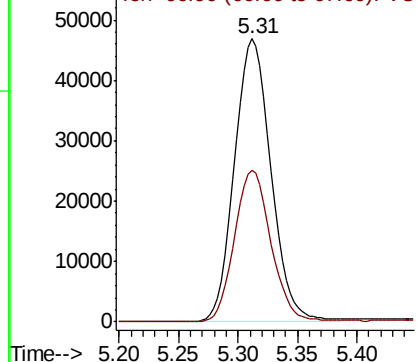
#33

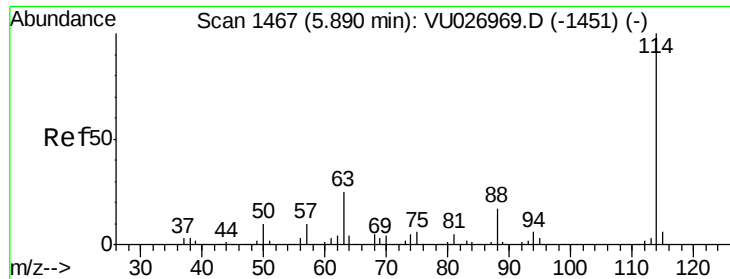
1,2-Dichloroethane-d4
 Concen: 50.420 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027166.D
 Acq: 26 Sep 2018 10:47

Tgt Ion: 65 Resp: 99950
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU0
 Ion 66.90 (66.60 to 67.60): VU0

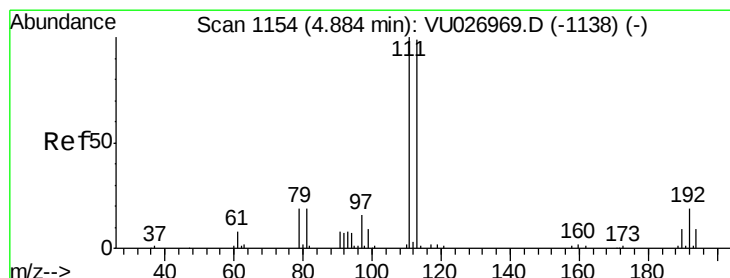
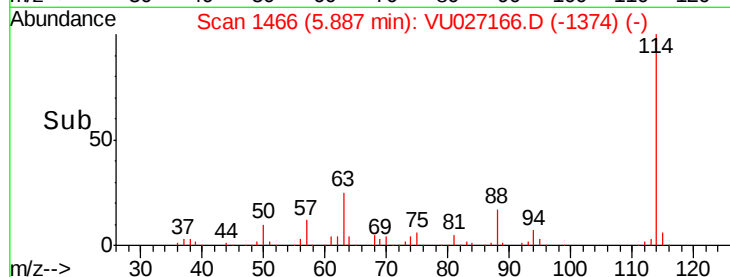
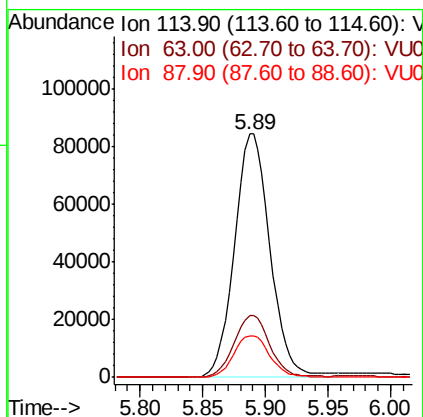
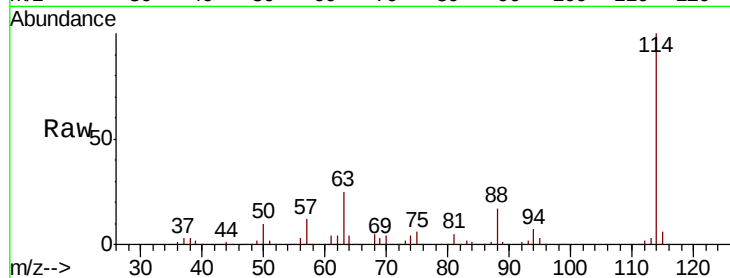




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. -0.00 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

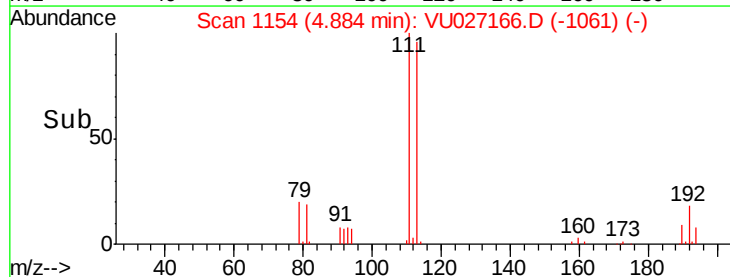
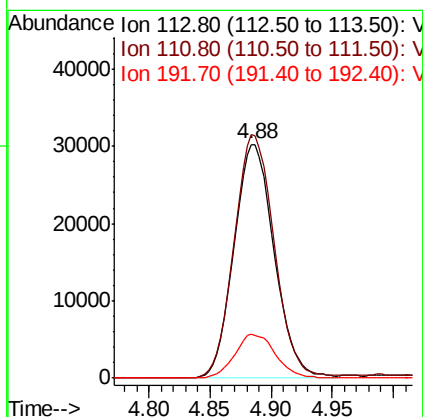
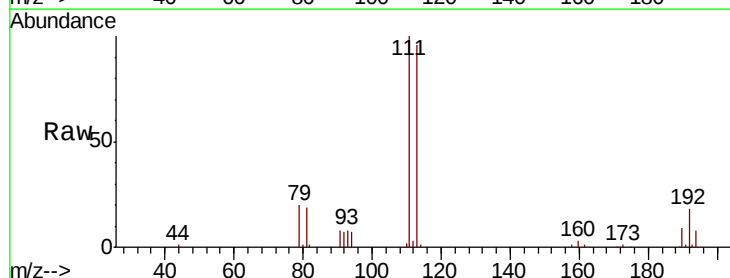
Instrument :
MSVOA_U
ClientSampleId :
MW-16-092018

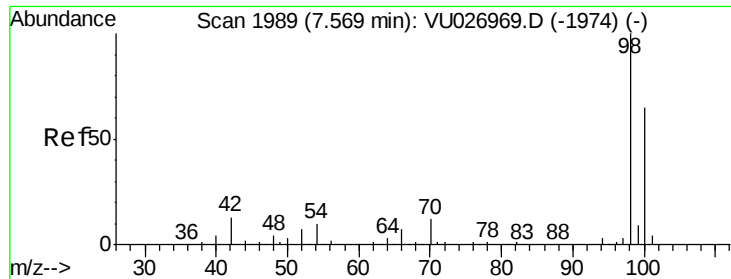
Tot Ion:114 Resp: 166887
Ion Ratio Lower Upper
114 100
63 25.3 0.0 49.2
88 17.2 0.0 33.8



#35
Dibromofluoromethane
Concen: 47.856 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. 0.00 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Tgt Ion:113 Resp: 69227
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.4
192 18.9 15.2 22.8





#50

Toluene-d8

Concen: 47.810 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027166.D

Acq: 26 Sep 2018 10:47

Instrument :

MSVOA_U

ClientSampleId :

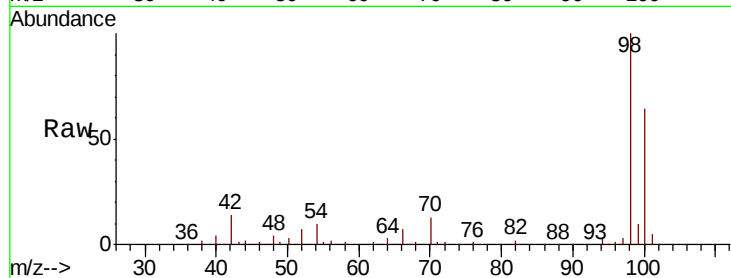
MW-16-092018

Tot Ion: 98 Resp: 263574

Ion Ratio Lower Upper

98 100

100 64.8 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) (-)

7.57

150000

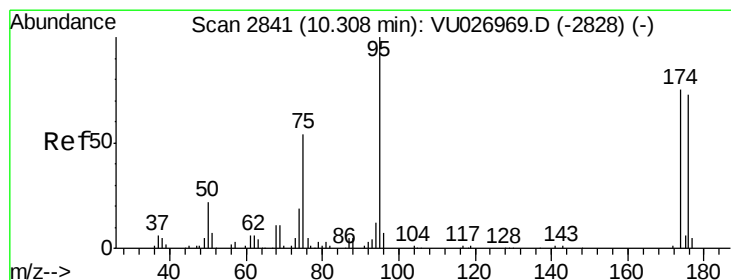
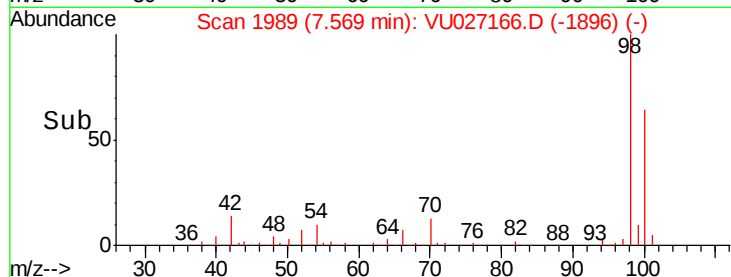
100000

50000

0

7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 44.895 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027166.D

Acq: 26 Sep 2018 10:47

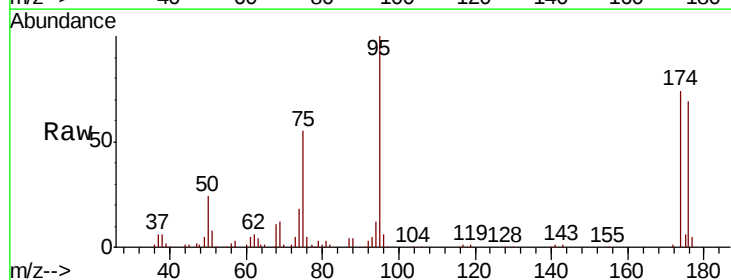
Tgt Ion: 95 Resp: 84927

Ion Ratio Lower Upper

95 100

174 74.0 0.0 150.2

176 70.5 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU026969.D (-2828) (-)

10.31

60000

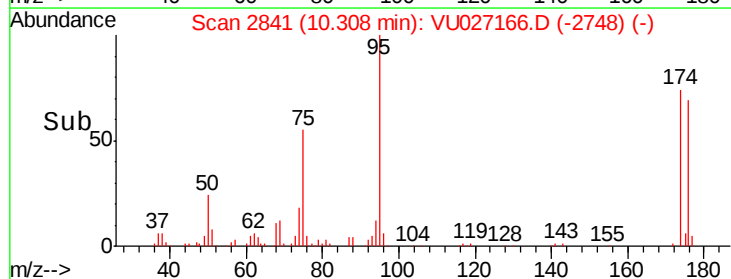
40000

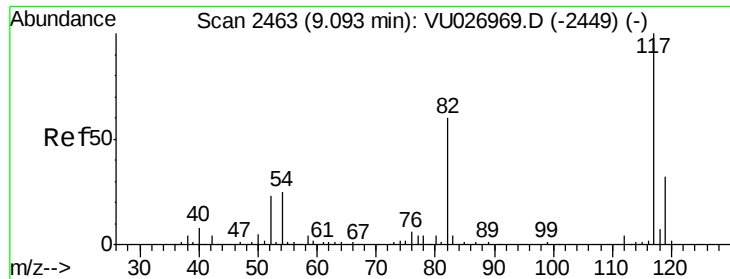
20000

0

10.30 10.40

Time-->

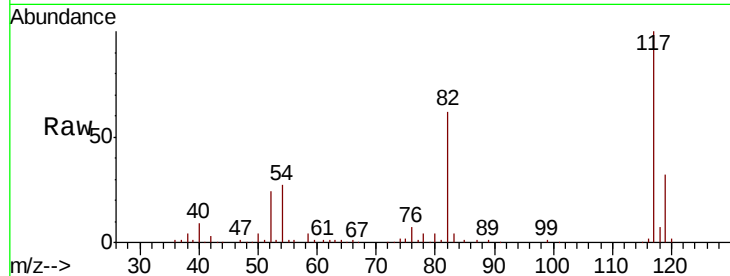




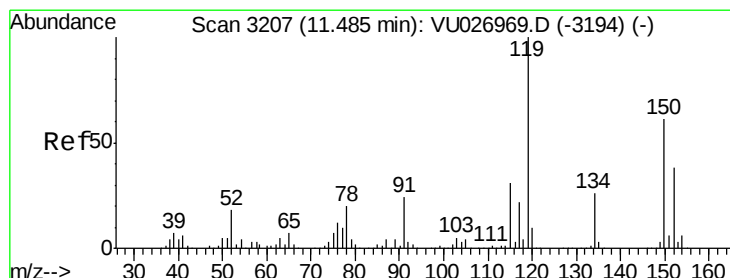
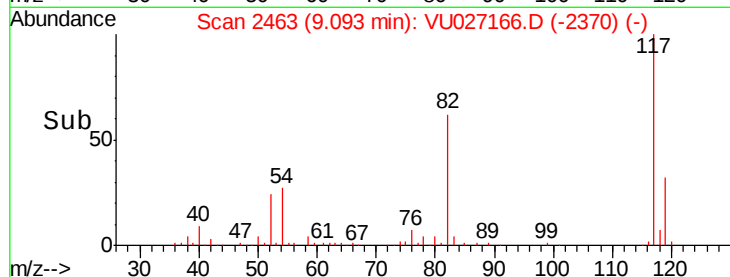
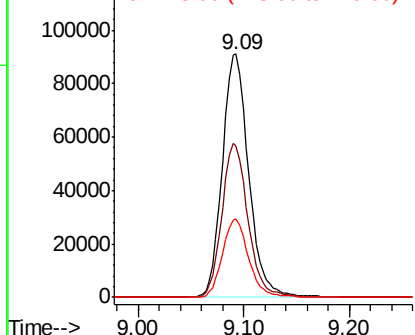
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VU027166.D
 Acq: 26 Sep 2018 10:47

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-16-092018

Tot Ion:117 Resp: 157463
 Ion Ratio Lower Upper
 117 100
 82 62.0 48.0 72.0
 119 32.2 25.8 38.8

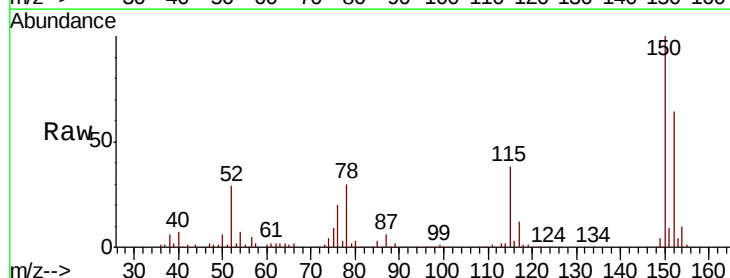


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VU0
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.00 min
 Lab File: VU027166.D
 Acq: 26 Sep 2018 10:47

Tgt Ion:152 Resp: 71541
 Ion Ratio Lower Upper
 152 100
 115 61.0 44.9 134.5
 150 158.0 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

