

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092318\
 Data File : VU027078.D
 Acq On : 23 Sep 2018 17:38
 Operator : MD/SY
 Sample : J4980-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 120 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-FW-MW02-20180916

Quant Time: Sep 24 08:50:37 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

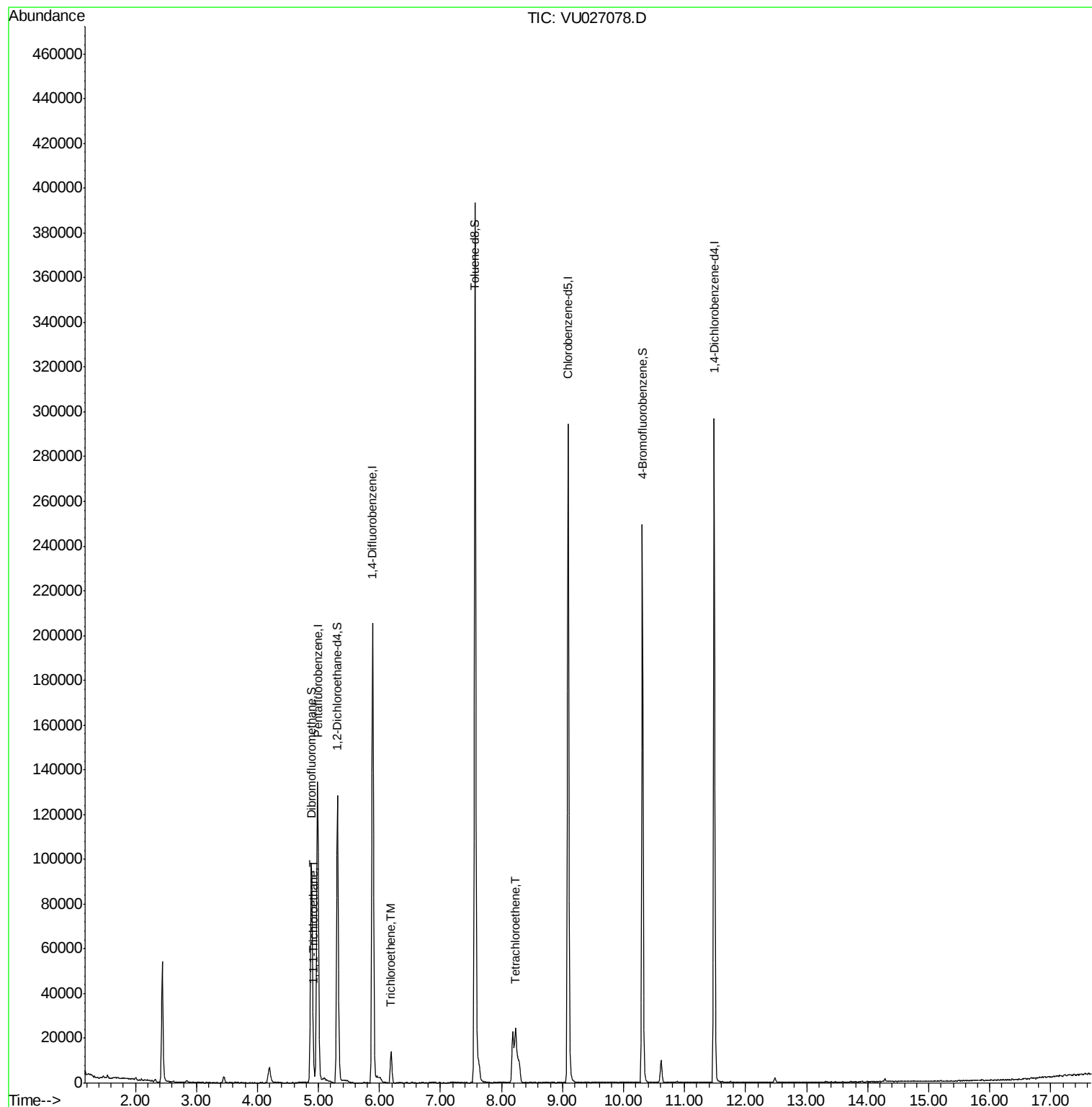
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	94250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	158255	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	153102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	70576	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	97581	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
35) Dibromofluoromethane	4.89	113	67210	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
50) Toluene-d8	7.57	98	256874	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	10.31	95	83181	46.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.74%	
Target Compounds						
32) 1,1,1-Trichloroethane	4.92	97	3201	1.389	ug/l	95
44) Trichloroethene	6.19	130	4495	3.288	ug/l	87
64) Tetrachloroethene	8.23	164	2918	2.473	ug/l	94

(#) = 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: VU027078.D

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ClientSampleId :

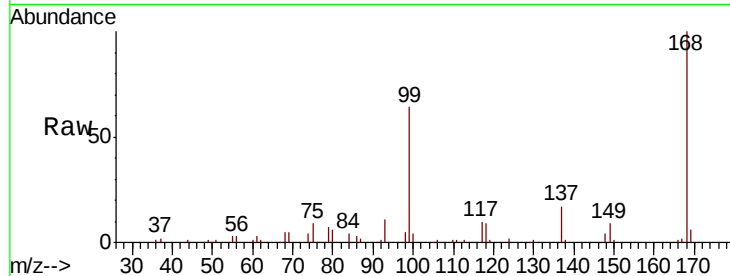
BP-FW-MW02-20180916

Tot Ion:168 Resp: 94250

Ion Ratio Lower Upper

168 100

99 62.7 48.1 72.1



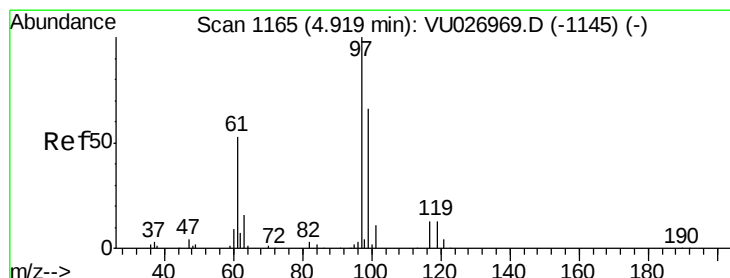
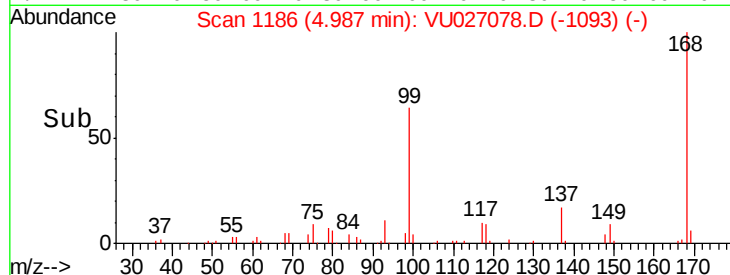
Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

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

4.99

4.90 4.95 5.00 5.05

Time-->



#32

1,1,1-Trichloroethane

Concen: 1.389 ug/l

RT: 4.92 min Scan# 1166

Delta R.T. 0.00 min

Lab File: VU027078.D

Acq: 23 Sep 2018 17:38

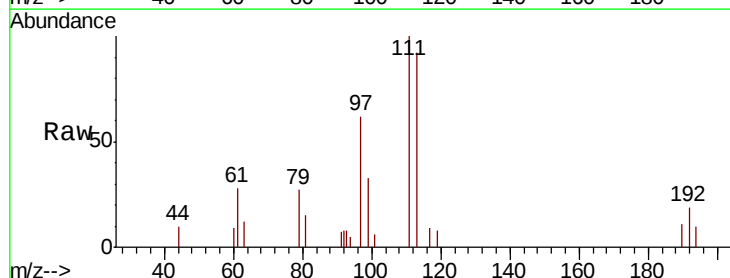
Tgt Ion: 97 Resp: 3201

Ion Ratio Lower Upper

97 100

99 59.4 51.8 77.6

61 49.7 41.1 61.7



Abundance Ion 96.90 (96.60 to 97.60): VU026969.D (-1145) (-)

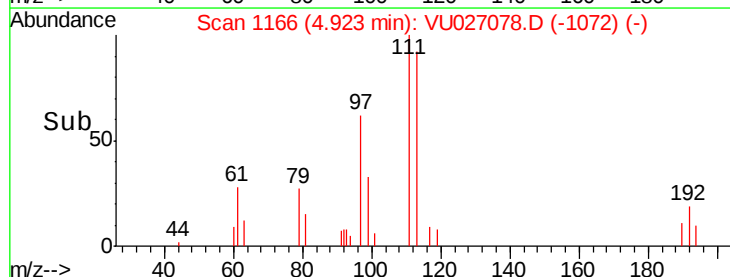
Ion 98.90 (98.60 to 99.60): VU026969.D (-1145) (-)

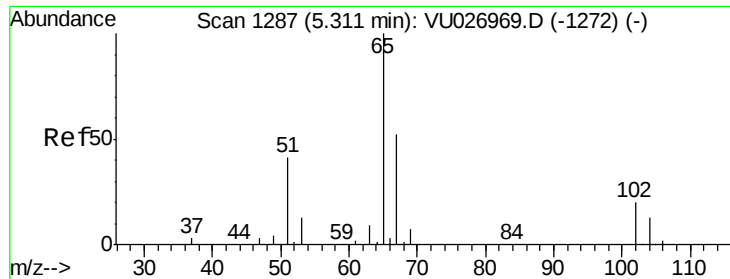
Ion 60.90 (60.60 to 61.60): VU026969.D (-1145) (-)

4.92

4.85 4.90 4.95

Time-->

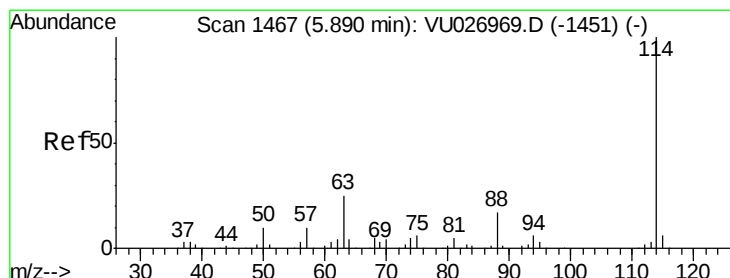
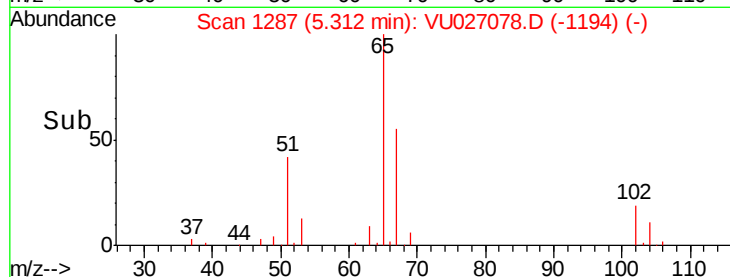
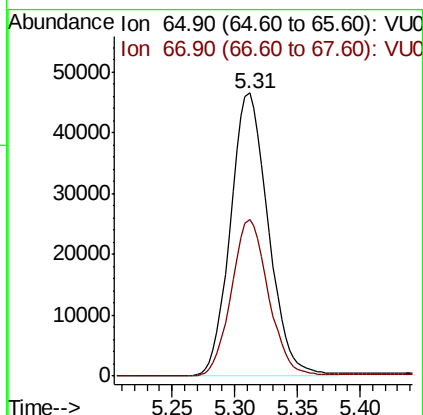
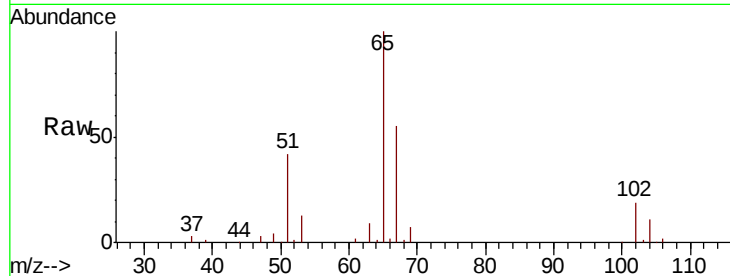




#33
 1,2-Dichloroethane-d4
 Concen: 51.441 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027078.D
 Acq: 23 Sep 2018 17:38

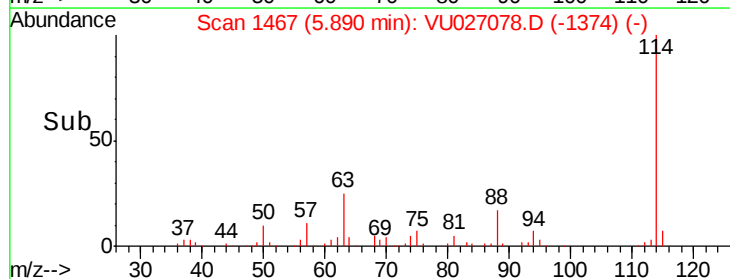
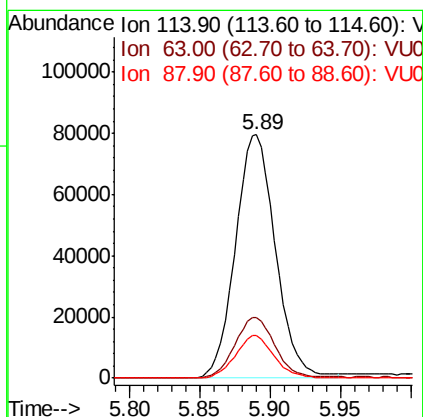
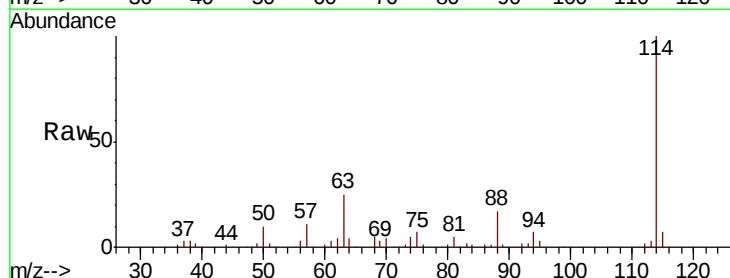
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-FW-MW02-20180916

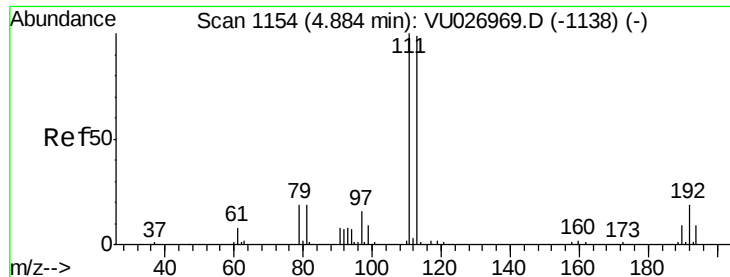
Tot Ion: 65 Resp: 97581
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027078.D
 Acq: 23 Sep 2018 17:38

Tgt Ion: 114 Resp: 158255
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 49.2
 88 17.3 0.0 33.8

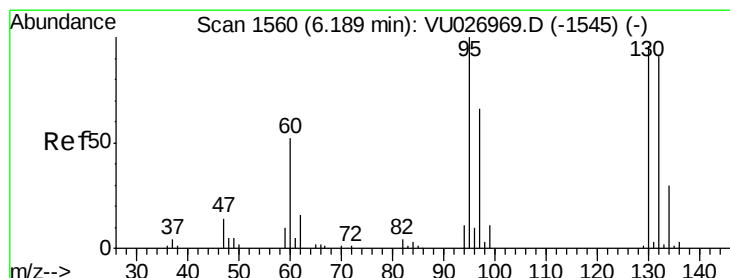
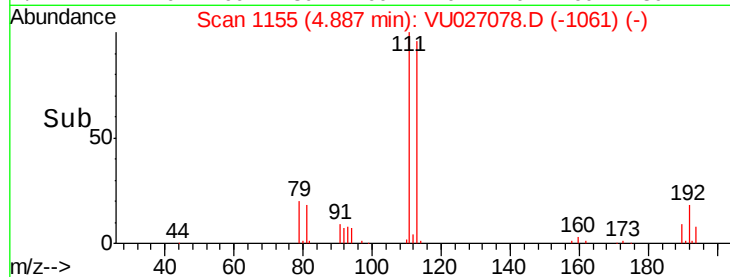
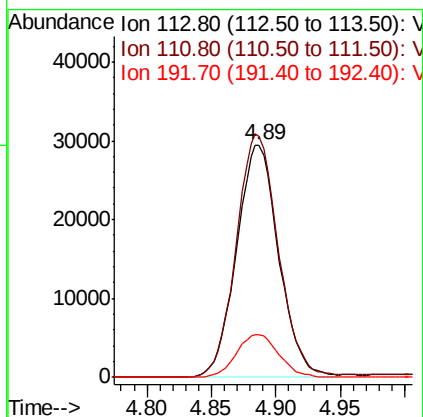
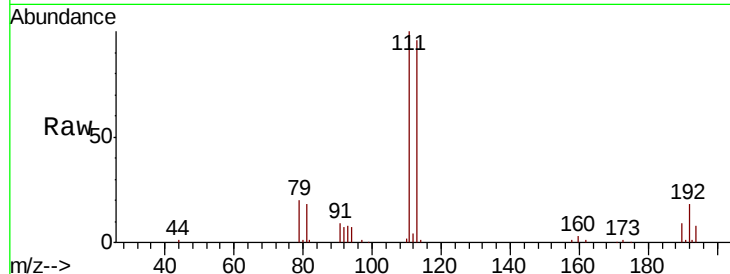




#35
Dibromofluoromethane
Concen: 48.996 ug/l
RT: 4.89 min Scan# 1155
Delta R.T. 0.00 min
Lab File: VU027078.D
Acq: 23 Sep 2018 17:38

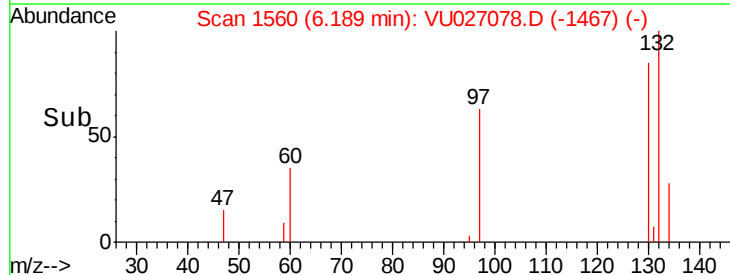
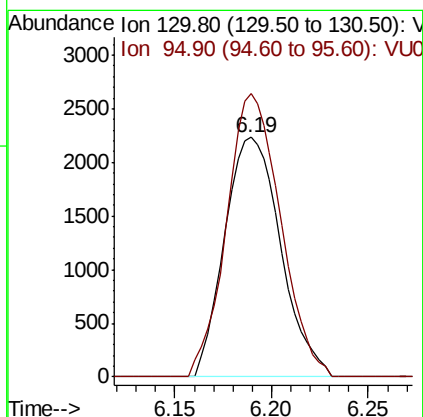
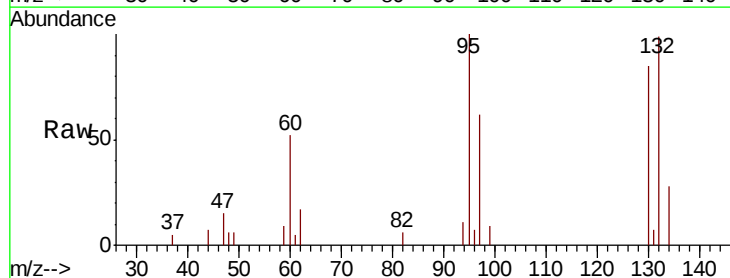
Instrument :
MSVOA_U
ClientSampleId :
BP-FW-MW02-20180916

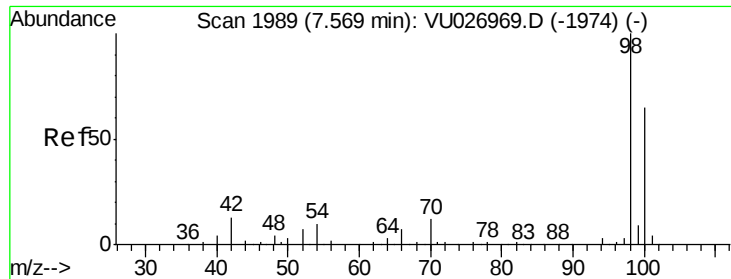
Tot Ion:113 Resp: 67210
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.4
192 18.5 15.2 22.8



#44
Trichloroethene
Concen: 3.288 ug/l
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU027078.D
Acq: 23 Sep 2018 17:38

Tgt Ion:130 Resp: 4495
Ion Ratio Lower Upper
130 100
95 118.2 0.0 208.8

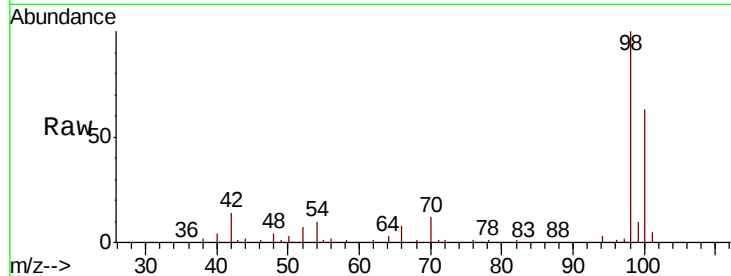




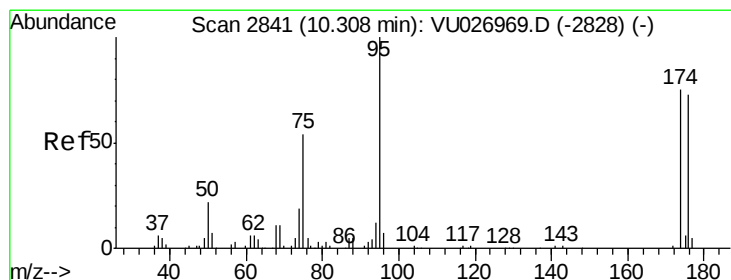
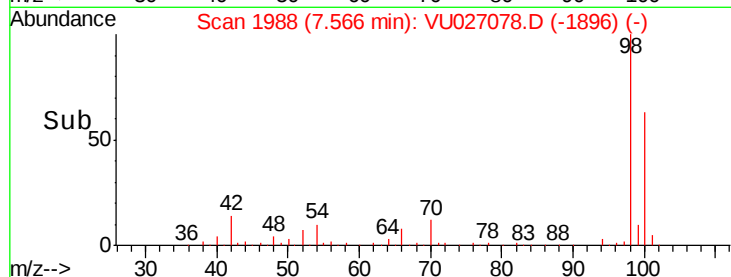
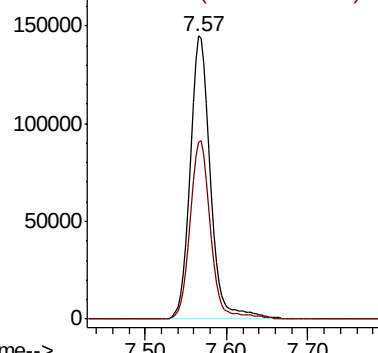
#50
Toluene-d8
Concen: 49.136 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027078.D
Acq: 23 Sep 2018 17:38

Instrument :
MSVOA_U
ClientSampleId :
BP-FW-MW02-20180916

Tot Ion: 98 Resp: 256874
Ion Ratio Lower Upper
98 100
100 63.7 52.1 78.1

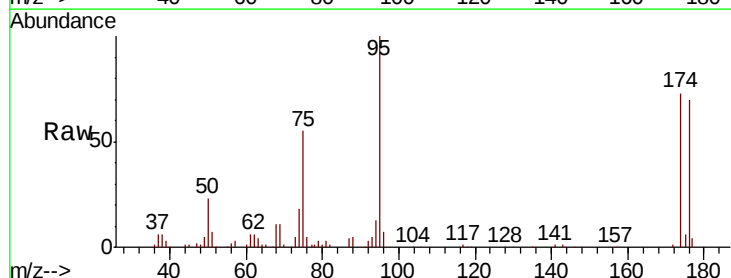


Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU

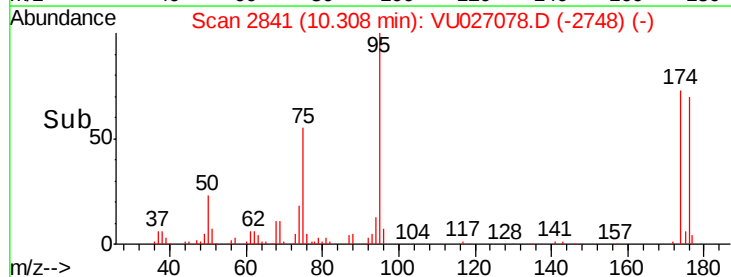
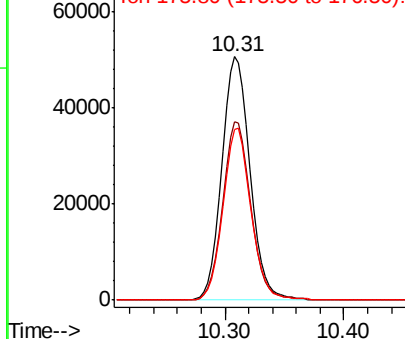


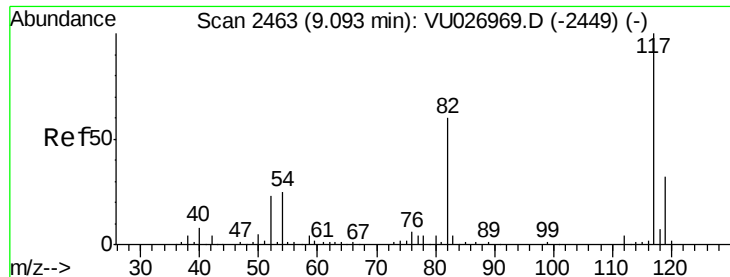
#62
4-Bromofluorobenzene
Concen: 46.371 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027078.D
Acq: 23 Sep 2018 17:38

Tgt Ion: 95 Resp: 83181
Ion Ratio Lower Upper
95 100
174 72.6 0.0 150.2
176 70.0 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

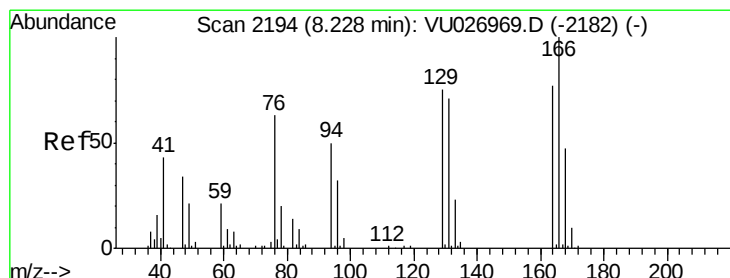
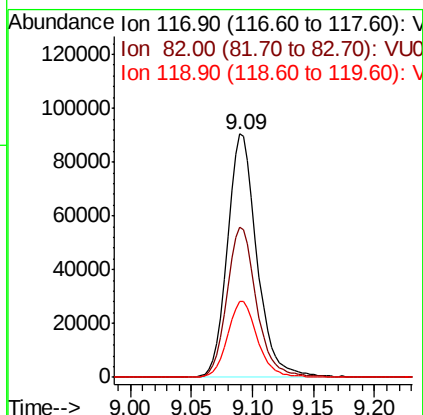
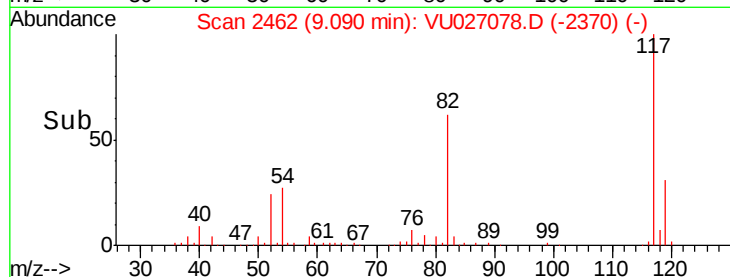
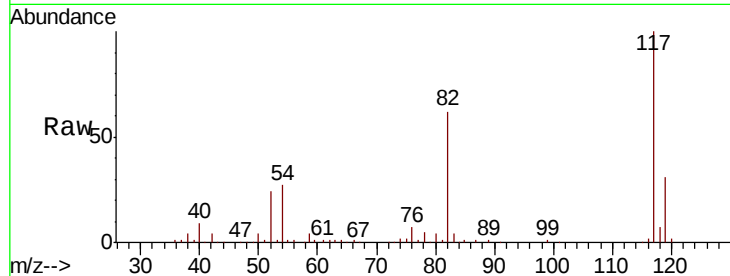




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027078.D
Acq: 23 Sep 2018 17:38

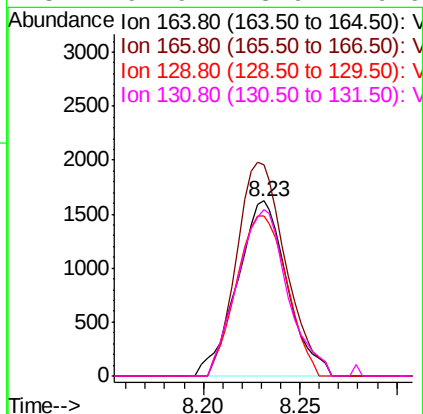
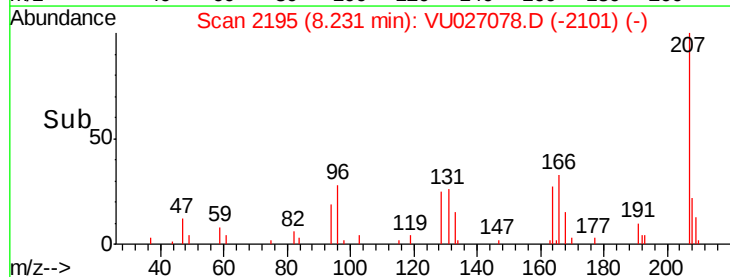
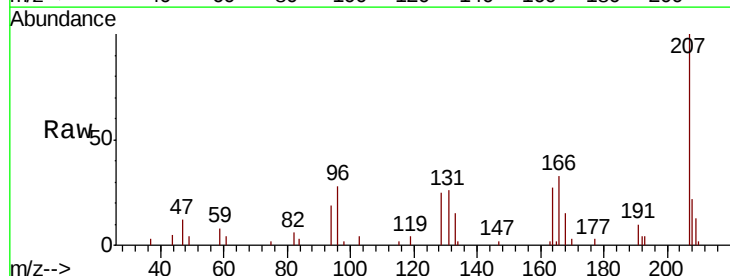
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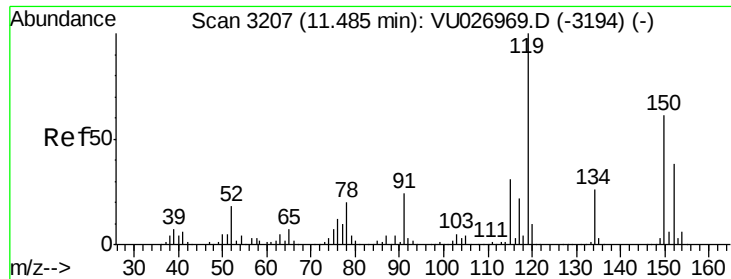
Tot Ion:117 Resp: 153102
Ion Ratio Lower Upper
117 100
82 61.7 48.0 72.0
119 30.9 25.8 38.8



#64
Tetrachloroethene
Concen: 2.473 ug/l
RT: 8.23 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VU027078.D
Acq: 23 Sep 2018 17:38

Tgt Ion:164 Resp: 2918
Ion Ratio Lower Upper
164 100
166 121.0 104.4 156.6
129 91.5 78.7 118.1
131 94.9 73.9 110.9

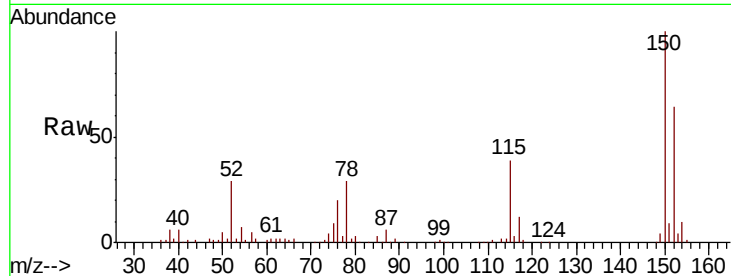




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.00 min
 Lab File: VU027078.D
 Acq: 23 Sep 2018 17:38

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-FW-MW02-20180916

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.5	44.9	134.5
150	157.4	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

