

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092418\
 Data File : VU027107.D
 Acq On : 24 Sep 2018 14:35
 Operator : MD/SY
 Sample : J4969-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FT-MW09I-20180917

Quant Time: Sep 25 02:29:41 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

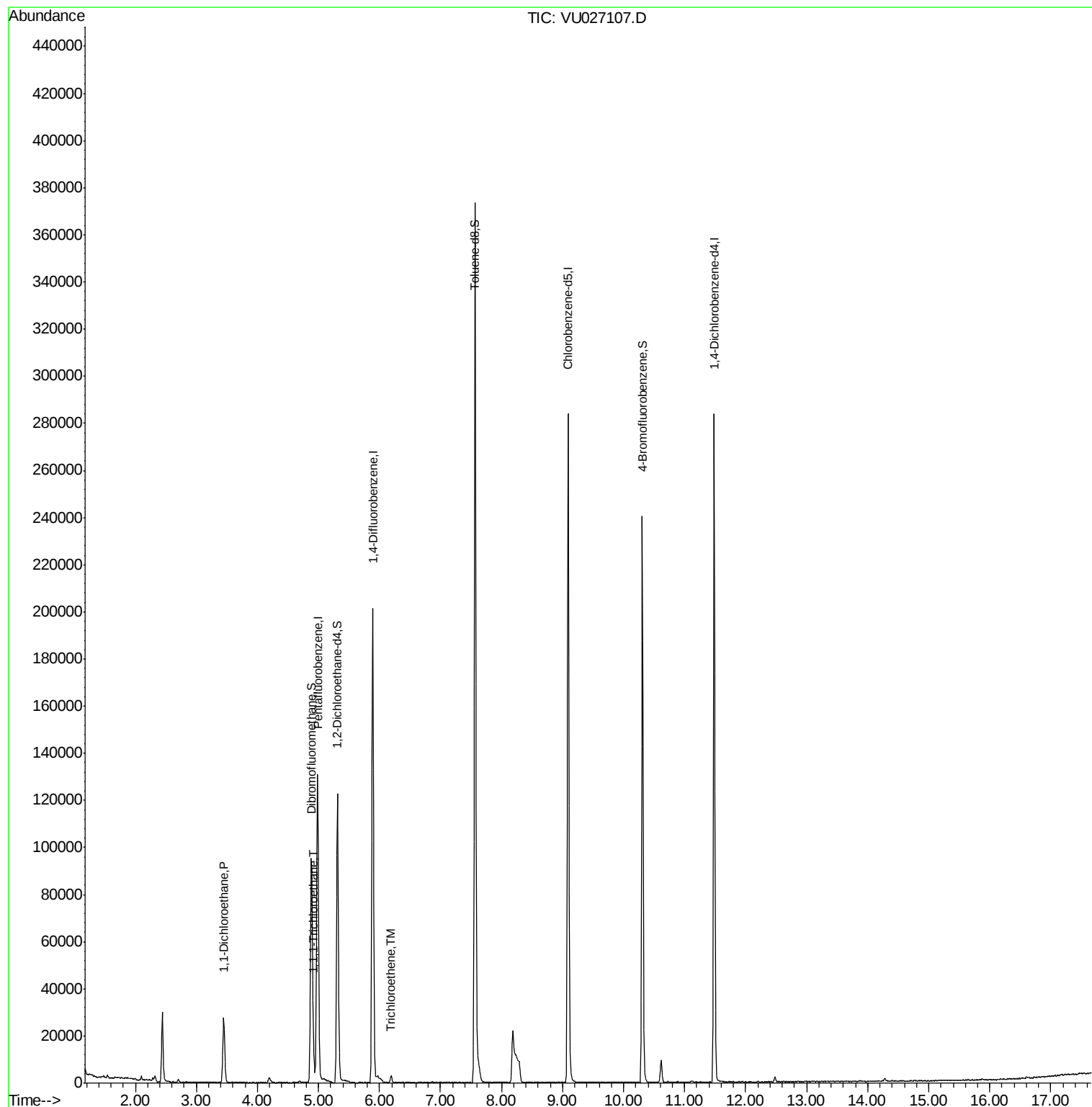
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	90487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	151726	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	146490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	65830	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	93960	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
35) Dibromofluoromethane	4.88	113	65359	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
50) Toluene-d8	7.57	98	246175	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
62) 4-Bromofluorobenzene	10.31	95	78947	45.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.80%	
Target Compounds						
24) 1,1-Dichloroethane	3.45	63	32037	10.729	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	6324	2.858	ug/l	97
44) Trichloroethene	6.19	130	1191	0.909	ug/l	99

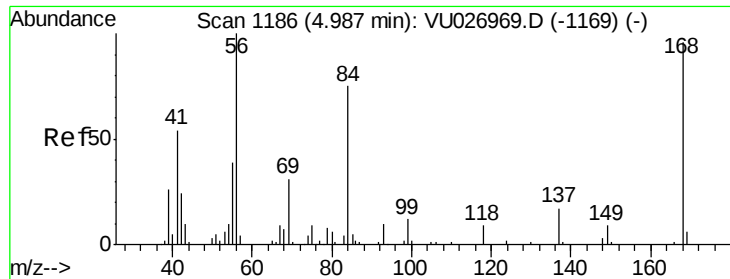
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027107.D

Acq: 24 Sep 2018 14:35

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MSVOA_U

ClientSampleId :

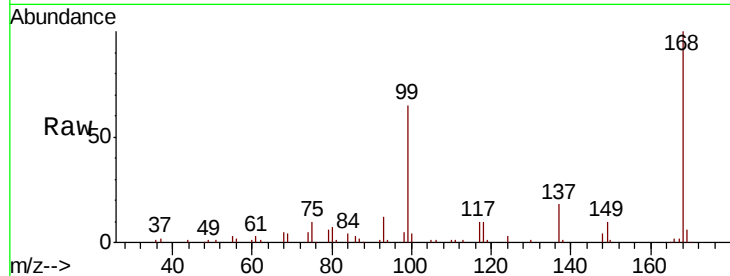
FT-MW09I-20180917

Tot Ion:168 Resp: 90487

Ion Ratio Lower Upper

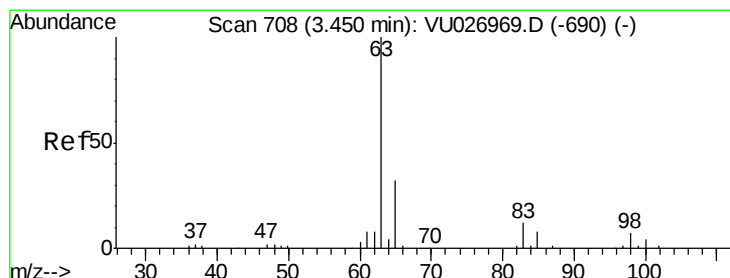
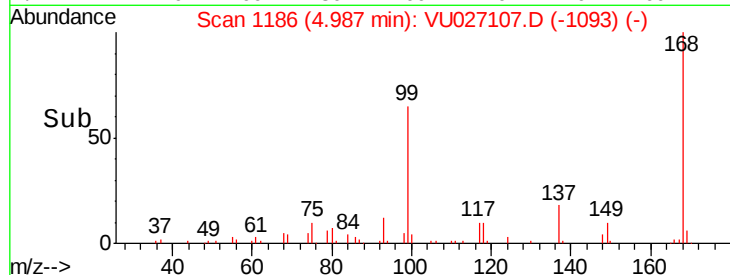
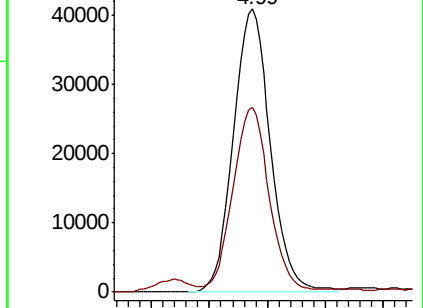
168 100

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): VU027107.D (-1093) (-)



#24

1,1-Dichloroethane

Concen: 10.729 ug/l

RT: 3.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: VU027107.D

Acq: 24 Sep 2018 14:35

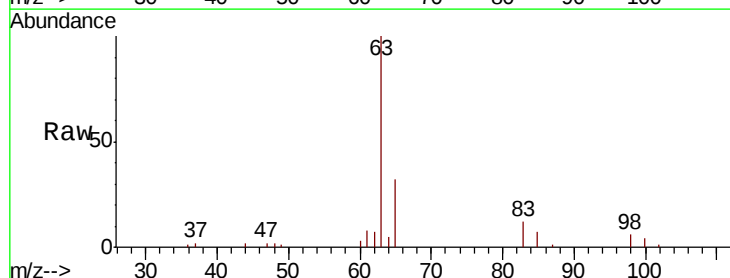
Tgt Ion: 63 Resp: 32037

Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.8

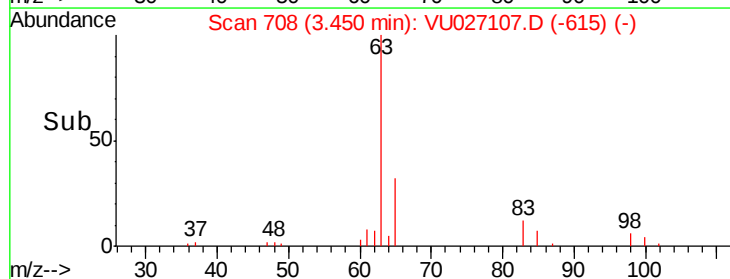
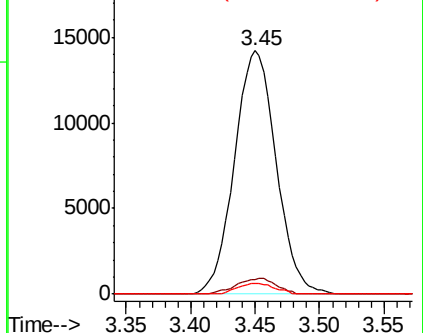
100 4.4 2.0 5.8

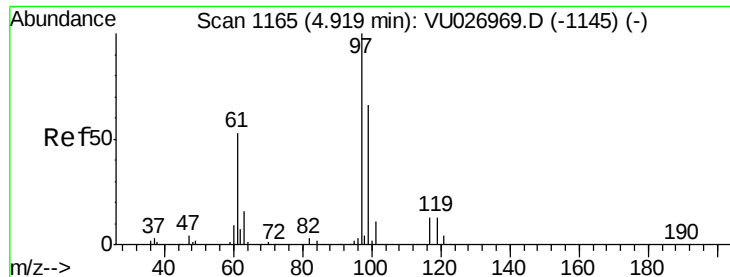


Abundance Ion 62.90 (62.60 to 63.60): VU026969.D (-690) (-)

Ion 97.90 (97.60 to 98.60): VU026969.D (-690) (-)

Ion 99.90 (99.60 to 100.60): VU027107.D (-615) (-)

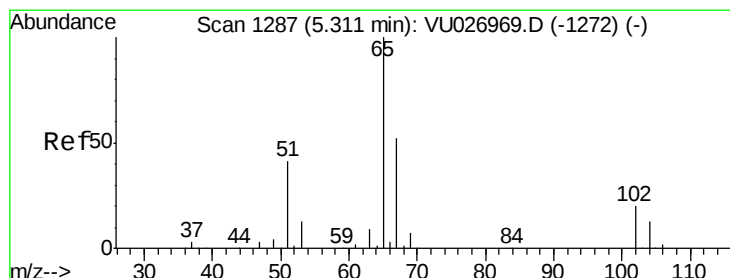
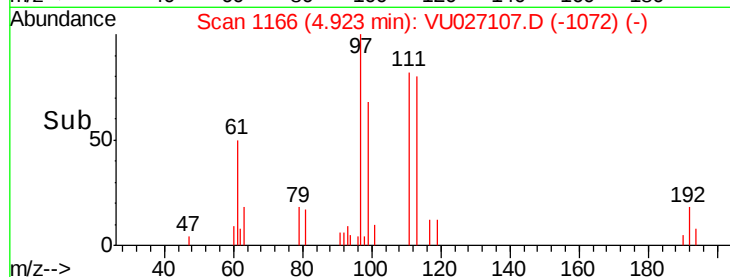
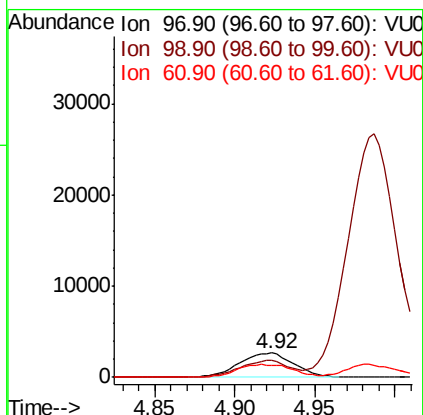
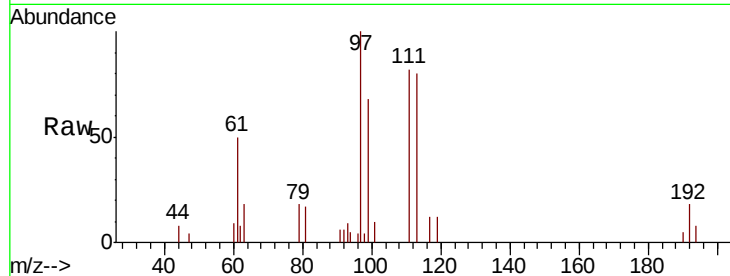




#32
 1,1,1-Trichloroethane
 Concen: 2.858 ug/l
 RT: 4.92 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: VU027107.D
 Acq: 24 Sep 2018 14:35

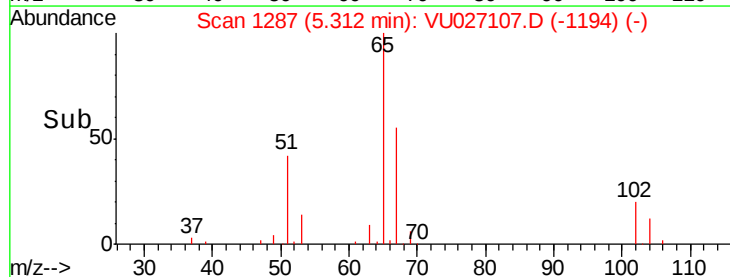
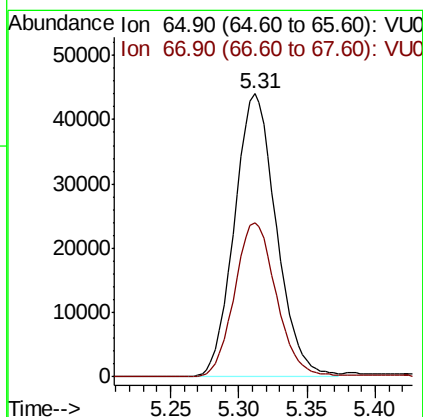
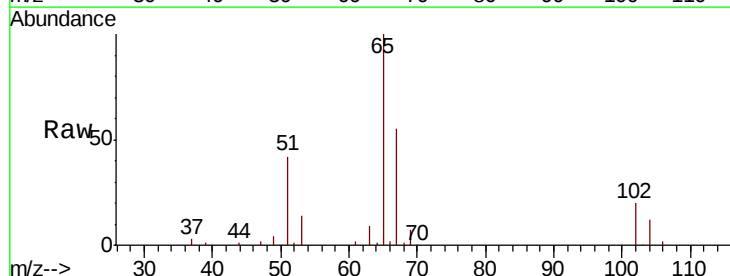
Instrument :
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 FT-MW09I-20180917

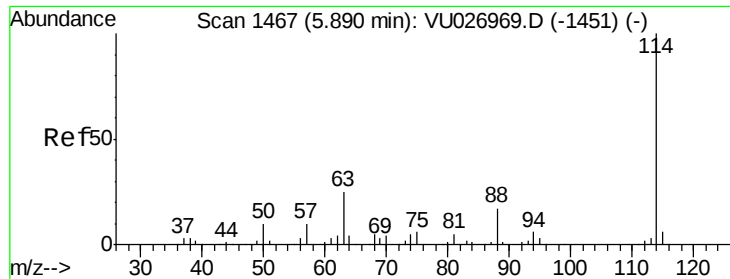
Tot Ion: 97 Resp: 6324
 Ion Ratio Lower Upper
 97 100
 99 63.2 51.8 77.6
 61 54.5 41.1 61.7



#33
 1,2-Dichloroethane-d4
 Concen: 51.592 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027107.D
 Acq: 24 Sep 2018 14:35

Tgt Ion: 65 Resp: 93960
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 105.6

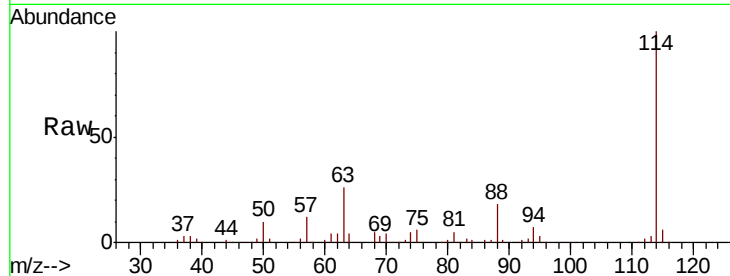




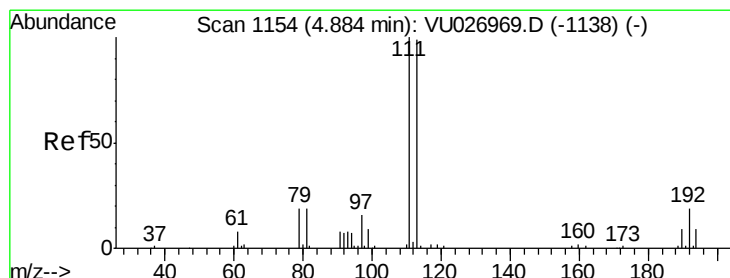
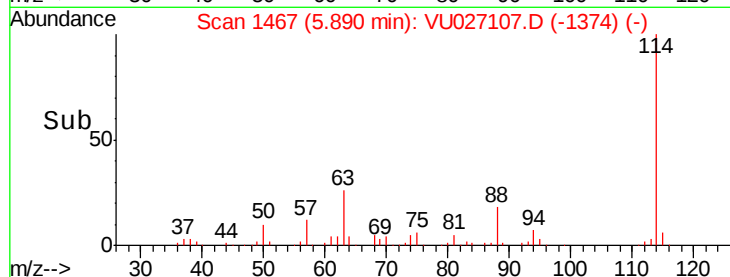
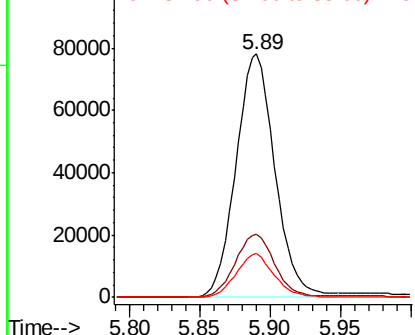
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027107.D
 Acq: 24 Sep 2018 14:35

Instrument :
 MSVOA_U
 ClientSampleId :
 FT-MW09I-20180917

Tot Ion:114 Resp: 151726
 Ion Ratio Lower Upper
 114 100
 63 25.8 0.0 49.2
 88 17.9 0.0 33.8

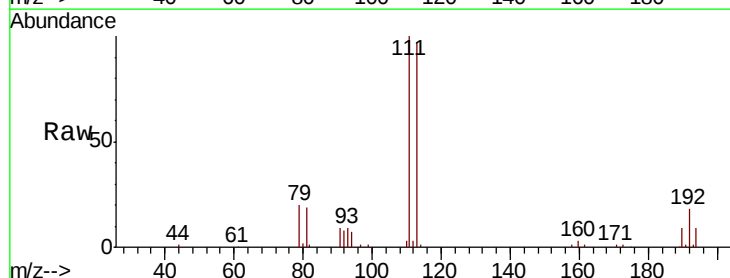


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

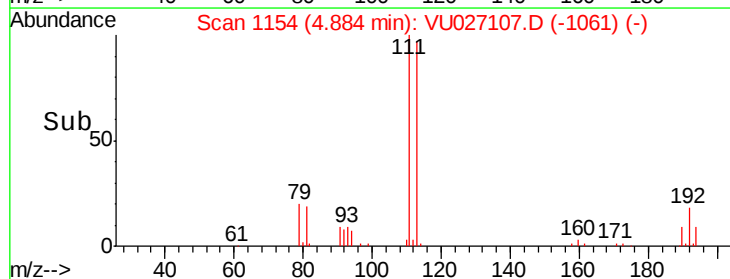
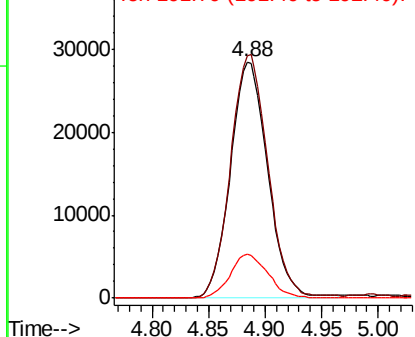


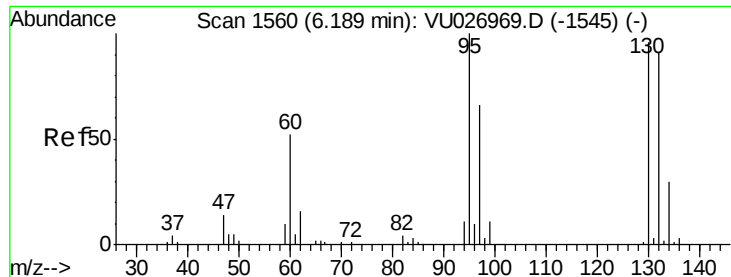
#35
 Dibromofluoromethane
 Concen: 49.696 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027107.D
 Acq: 24 Sep 2018 14:35

Tgt Ion:113 Resp: 65359
 Ion Ratio Lower Upper
 113 100
 111 103.6 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





#44

Trichloroethene

Concen: 0.909 ug/l

RT: 6.19 min Scan# 1561

Delta R.T. 0.00 min

Lab File: VU027107.D

Acq: 24 Sep 2018 14:35

Instrument :

MSVOA_U

ClientSampleId :

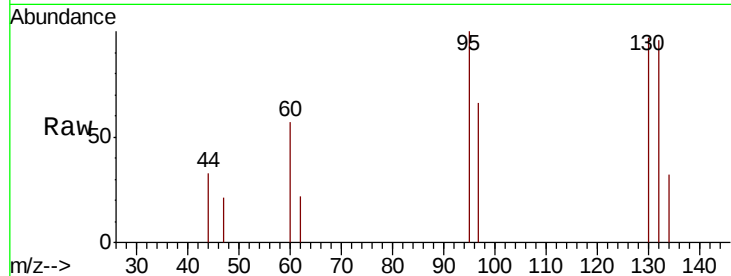
FT-MW09I-20180917

Tot Ion:130 Resp: 1191

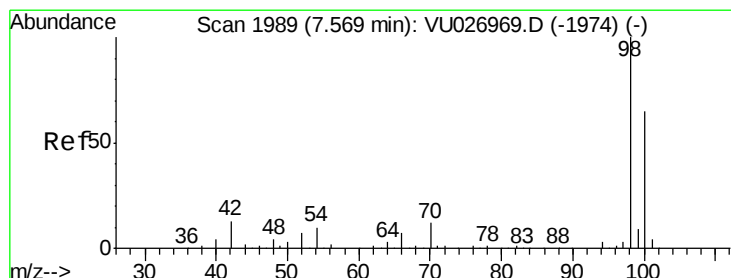
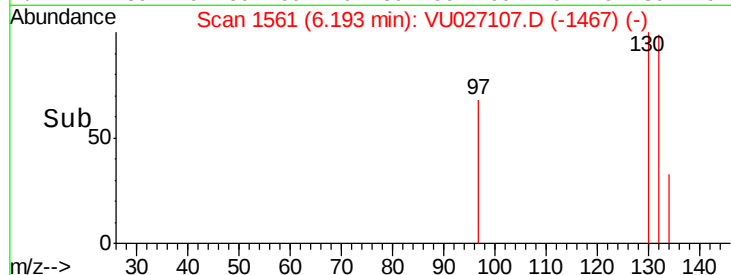
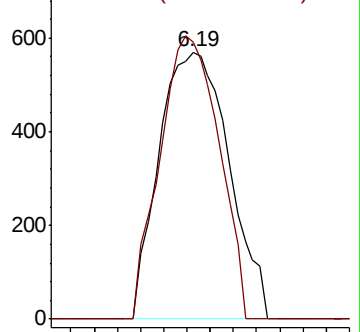
Ion Ratio Lower Upper

130 100

95 103.5 0.0 208.8



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



#50

Toluene-d8

Concen: 49.116 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027107.D

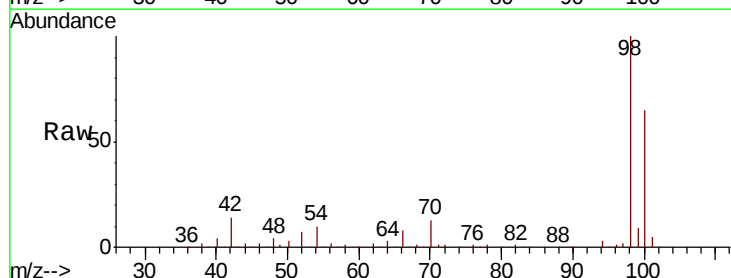
Acq: 24 Sep 2018 14:35

Tgt Ion: 98 Resp: 246175

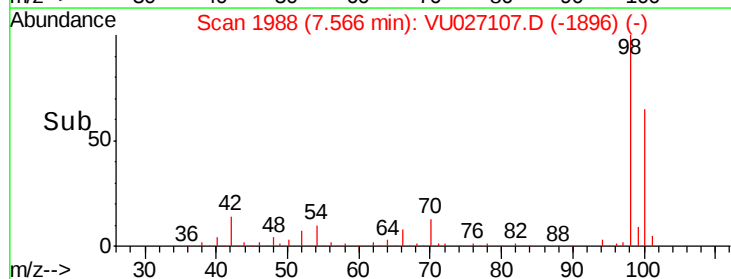
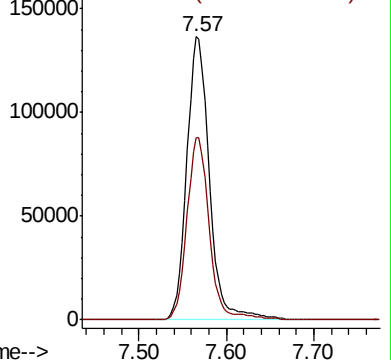
Ion Ratio Lower Upper

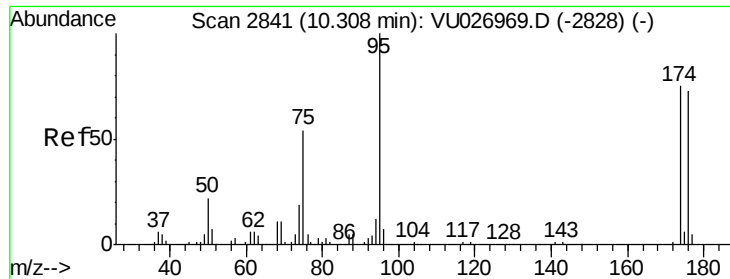
98 100

100 64.0 52.1 78.1



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

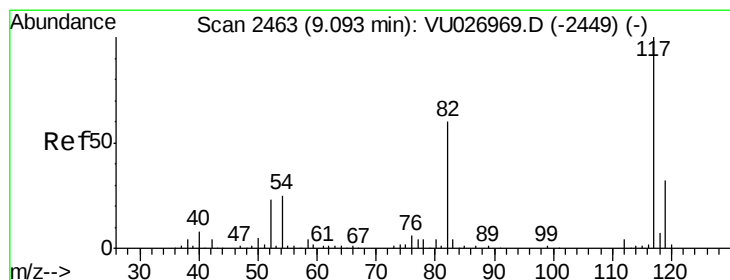
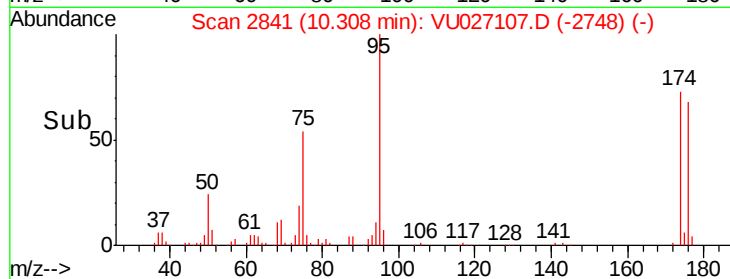
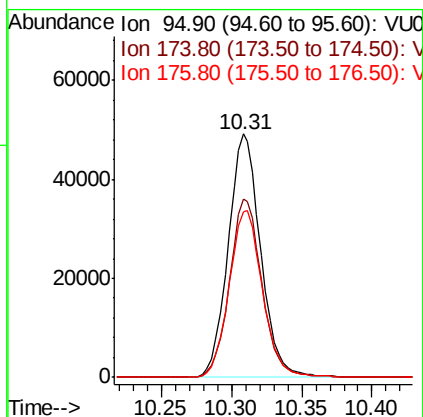
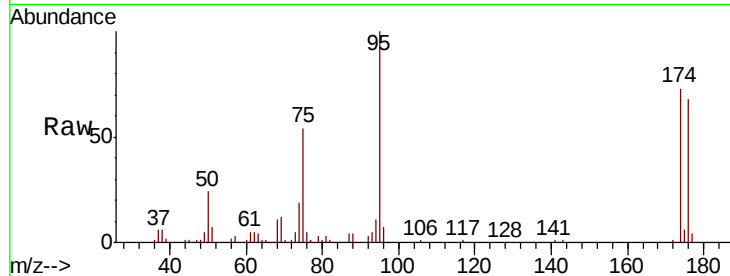




#62
 4-Bromofluorobenzene
 Concen: 45.904 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027107.D
 Acq: 24 Sep 2018 14:35

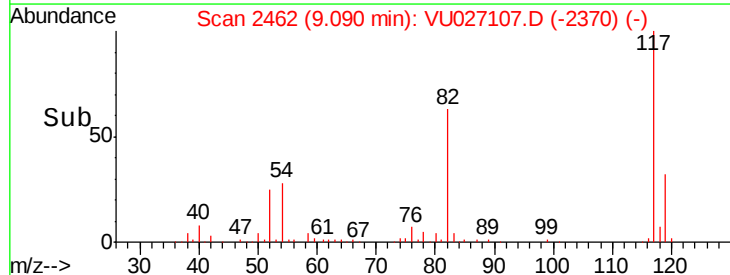
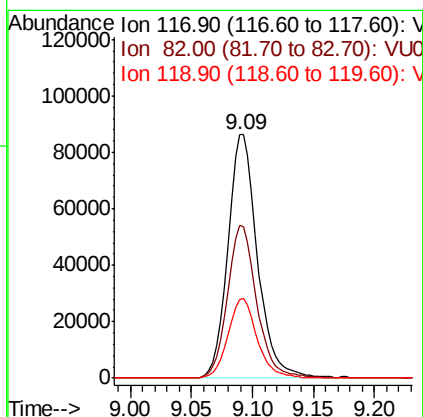
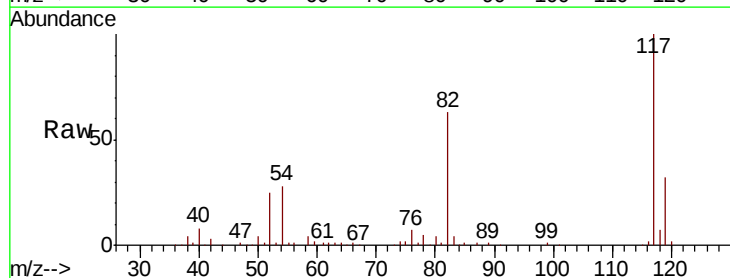
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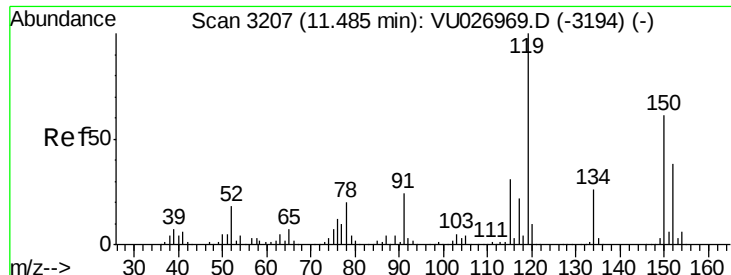
Tot Ion: 95 Resp: 78947
 Ion Ratio Lower Upper
 95 100
 174 73.4 0.0 150.2
 176 70.3 0.0 145.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VU027107.D
 Acq: 24 Sep 2018 14:35

Tgt Ion: 117 Resp: 146490
 Ion Ratio Lower Upper
 117 100
 82 62.6 48.0 72.0
 119 32.1 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: VU027107.D

Acq: 24 Sep 2018 14:35

Instrument :

MSVOA_U

ClientSampleId :

FT-MW09I-20180917

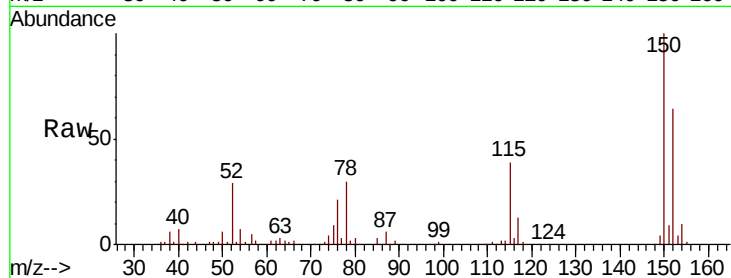
Tot Ion:152 Resp: 65830

Ion Ratio Lower Upper

152 100

115 62.6 44.9 134.5

150 158.2 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

