

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092418\
 Data File : VU027108.D
 Acq On : 24 Sep 2018 14:58
 Operator : MD/SY
 Sample : J4969-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FT-DUP07-20180917

Quant Time: Sep 25 02:31:57 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

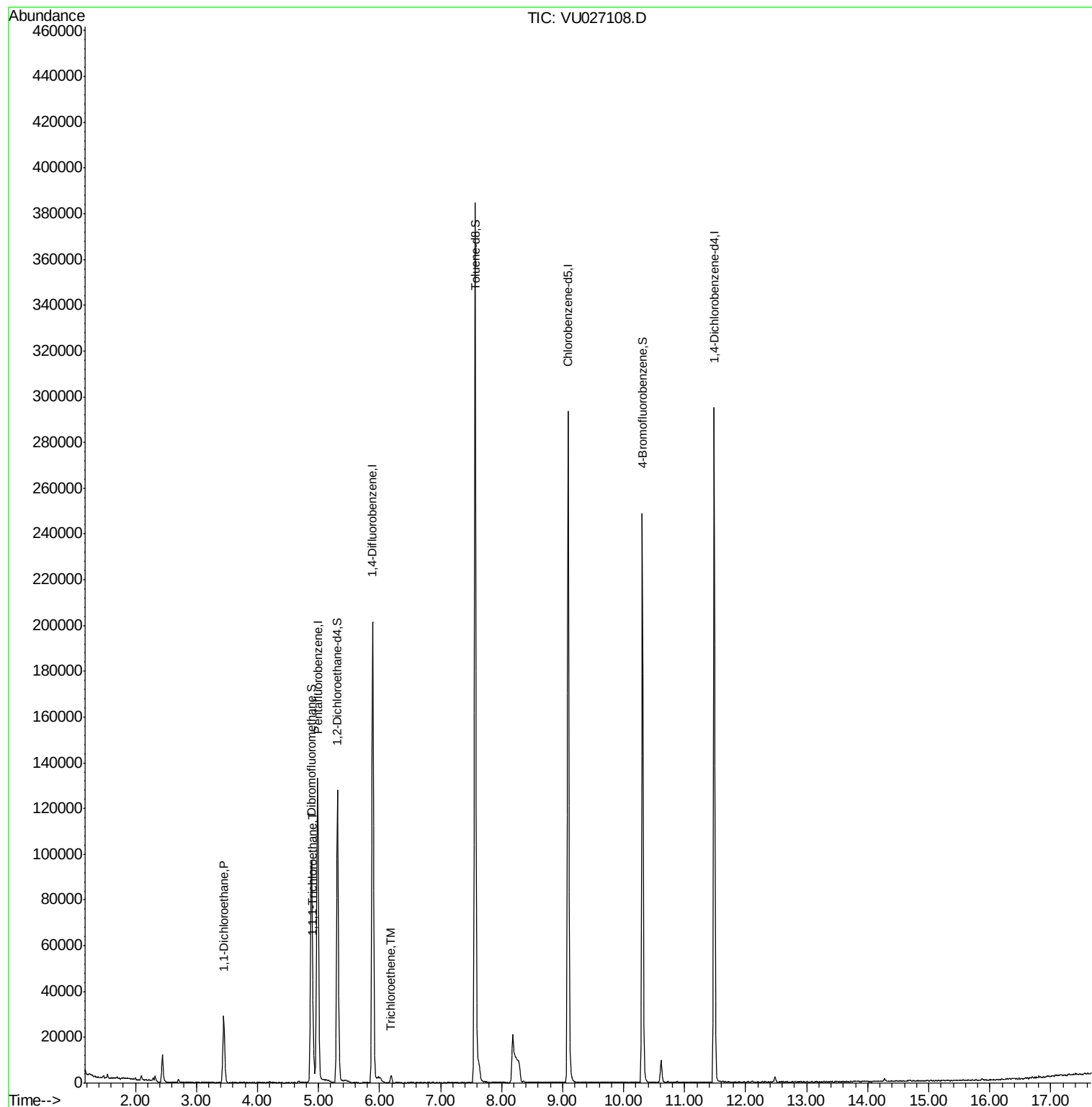
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	92041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	156662	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	151621	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	71228	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	97879	52.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.68%	
35) Dibromofluoromethane	4.88	113	67229	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
50) Toluene-d8	7.57	98	255439	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
62) 4-Bromofluorobenzene	10.31	95	81924	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.26%	
Target Compounds						
24) 1,1-Dichloroethane	3.45	63	32835	10.810	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	6218	2.762	ug/l	98
44) Trichloroethene	6.19	130	1255	0.927	ug/l	92

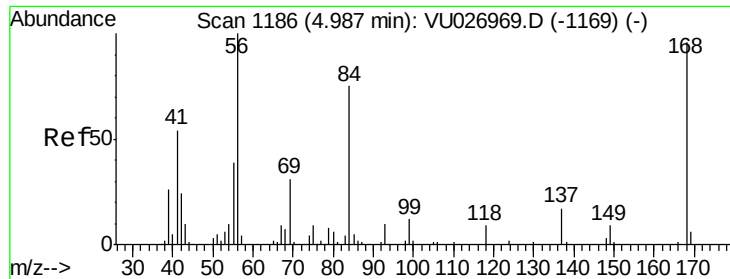
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027108.D

Acq: 24 Sep 2018 14:58

Instrument :

MSVOA_U

ClientSampleId :

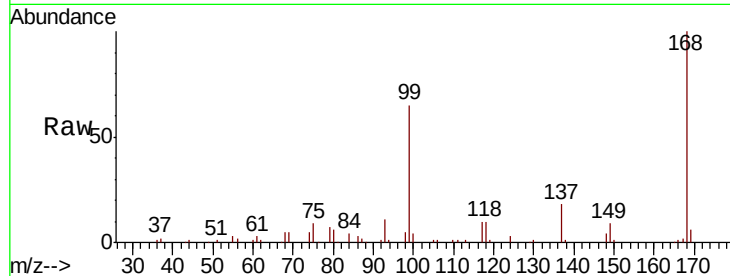
FT-DUP07-20180917

Tot Ion:168 Resp: 92041

Ion Ratio Lower Upper

168 100

99 64.4 48.1 72.1



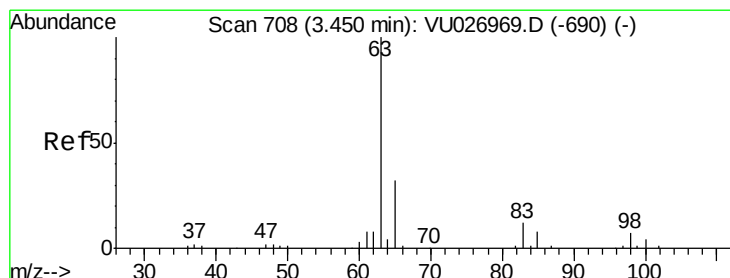
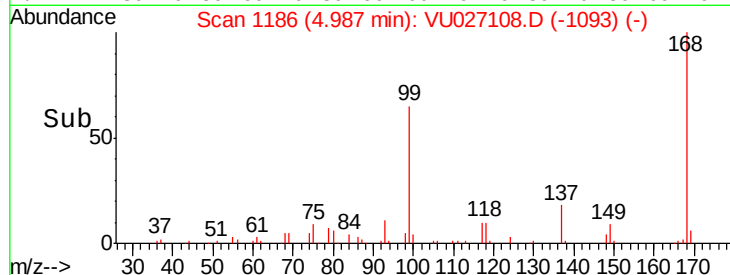
Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027108.D (-1093) (-)

4.99

4.90 4.95 5.00 5.05 5.10

Time-->



#24

1,1-Dichloroethane

Concen: 10.810 ug/l

RT: 3.45 min Scan# 708

Delta R.T. -0.00 min

Lab File: VU027108.D

Acq: 24 Sep 2018 14:58

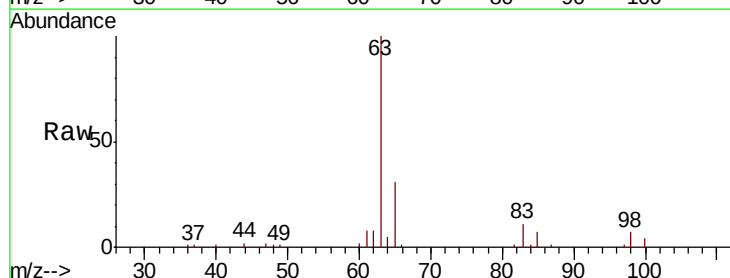
Tgt Ion: 63 Resp: 32835

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

100 3.5 2.0 5.8



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

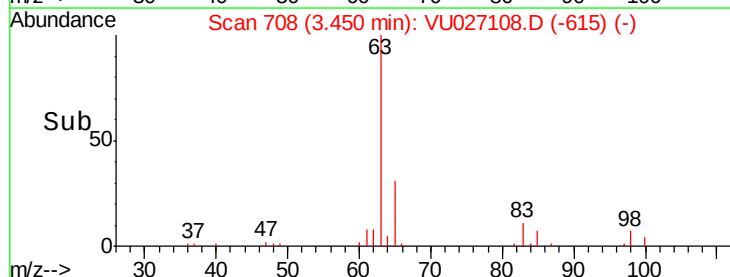
Ion 97.90 (97.60 to 98.60): VU027108.D (-615) (-)

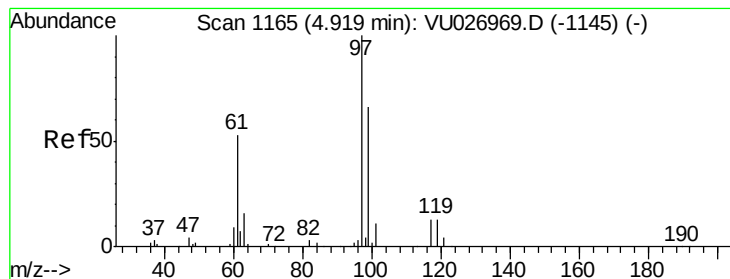
Ion 99.90 (99.60 to 100.60): VU027108.D (-615) (-)

3.45

3.35 3.40 3.45 3.50 3.55

Time-->





#32

1,1,1-Trichloroethane

Concen: 2.762 ug/l

RT: 4.92 min Scan# 1164

Delta R.T. -0.00 min

Lab File: VU027108.D

Acq: 24 Sep 2018 14:58

Instrument :

MSVOA_U

ClientSampleId :

FT-DUP07-20180917

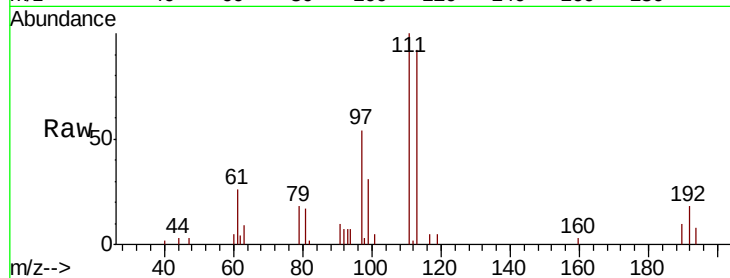
Tot Ion: 97 Resp: 6218

Ion Ratio Lower Upper

97 100

99 62.8 51.8 77.6

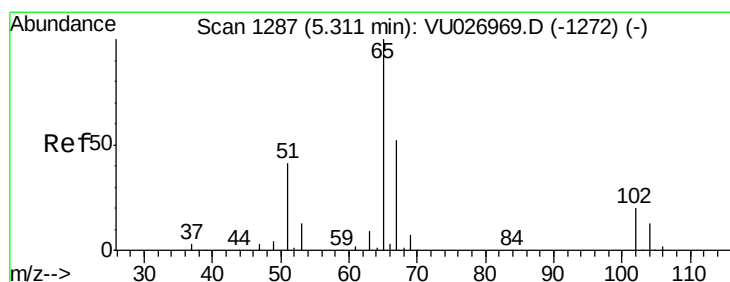
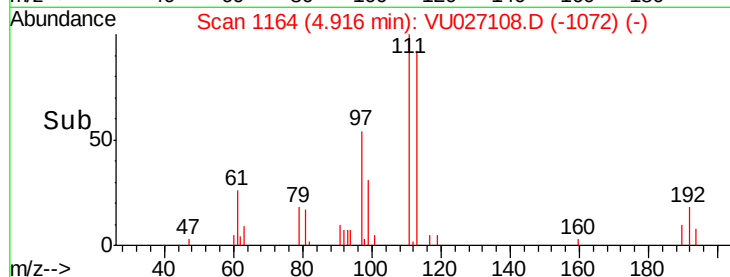
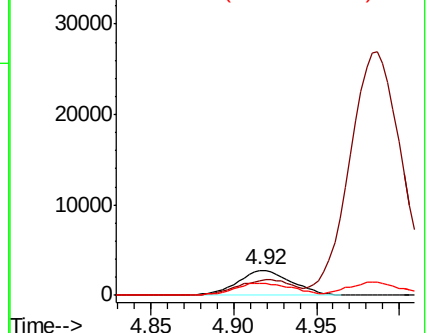
61 52.7 41.1 61.7



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) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.837 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VU027108.D

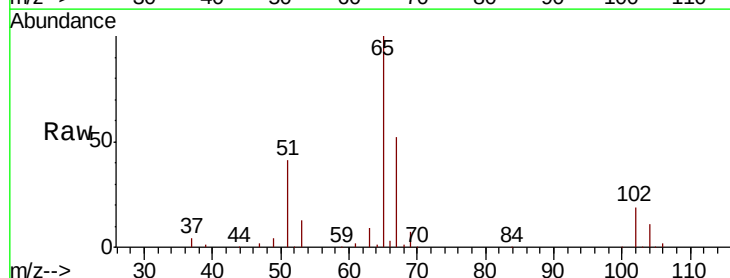
Acq: 24 Sep 2018 14:58

Tgt Ion: 65 Resp: 97879

Ion Ratio Lower Upper

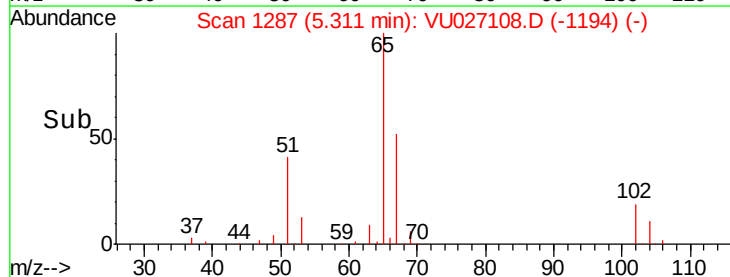
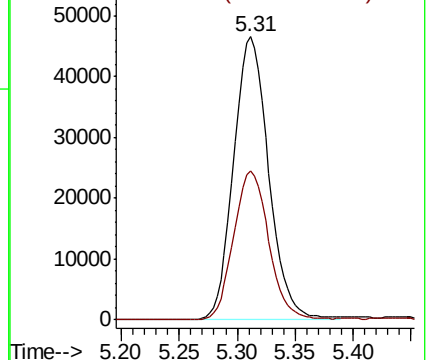
65 100

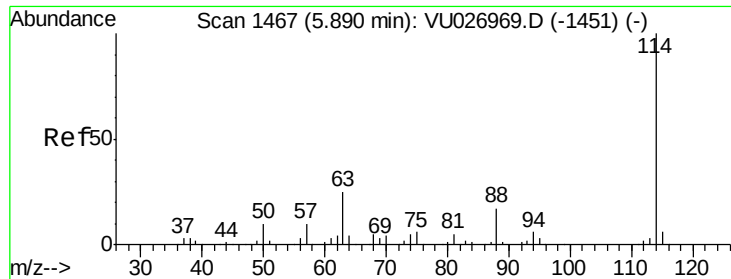
67 52.6 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU026969.D (-1272) (-)

Ion 66.90 (66.60 to 67.60): VU026969.D (-1272) (-)

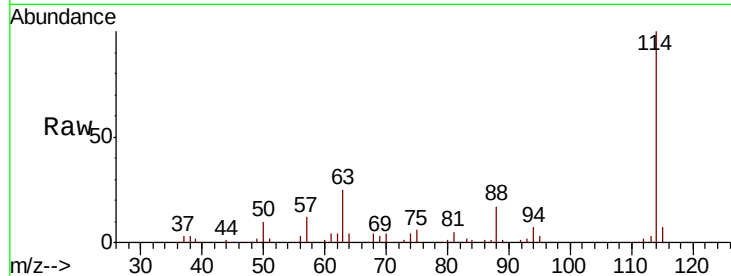




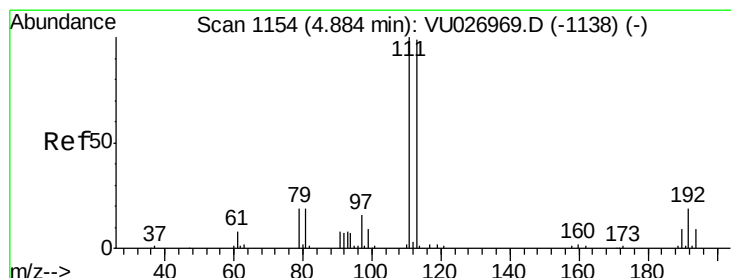
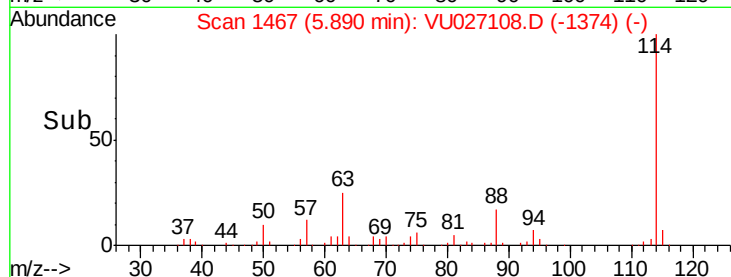
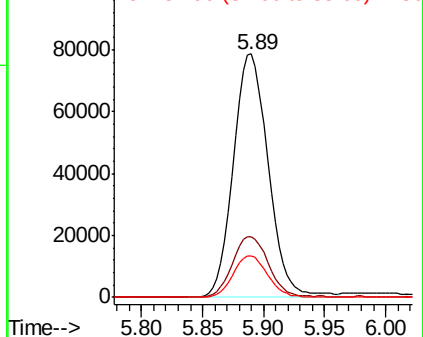
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: VU027108.D
 Acq: 24 Sep 2018 14:58

Instrument :
 MSVOA_U
 ClientSampleId :
 FT-DUP07-20180917

Tot Ion:114 Resp: 156662
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 17.2 0.0 33.8

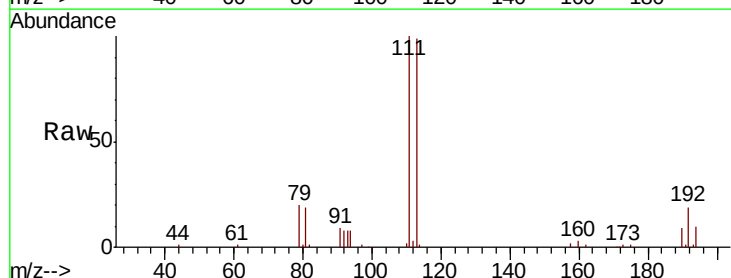


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

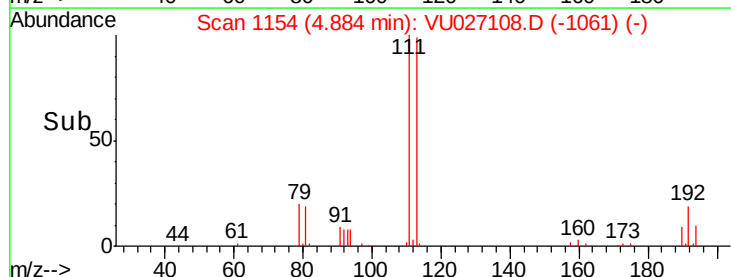
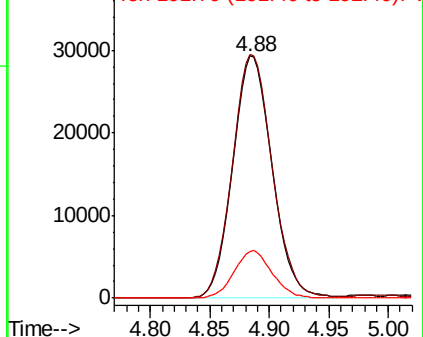


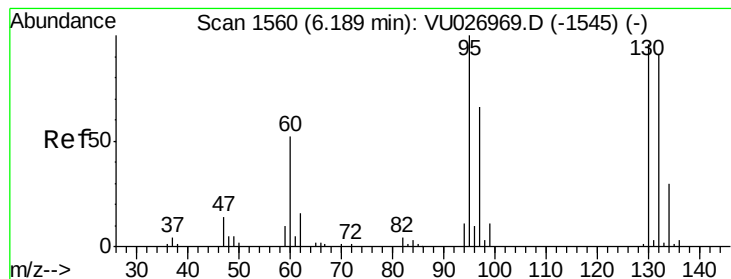
#35
 Dibromofluoromethane
 Concen: 49.508 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU027108.D
 Acq: 24 Sep 2018 14:58

Tgt Ion:113 Resp: 67229
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.2 123.4
 192 18.8 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: 0.927 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. -0.00 min

Lab File: VU027108.D

Acq: 24 Sep 2018 14:58

Instrument :

MSVOA_U

ClientSampleId :

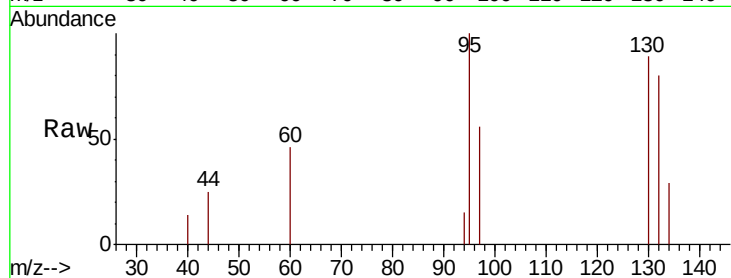
FT-DUP07-20180917

Tot Ion:130 Resp: 1255

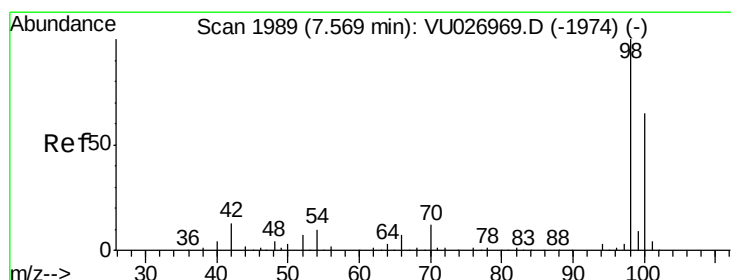
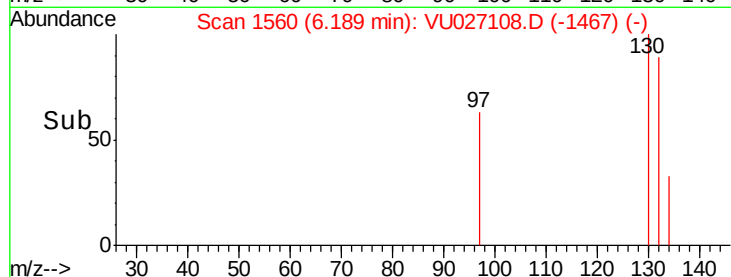
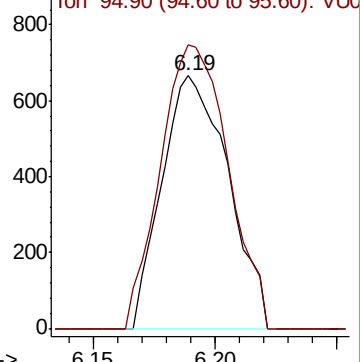
Ion Ratio Lower Upper

130 100

95 112.2 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): V



#50

Toluene-d8

Concen: 49.358 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VU027108.D

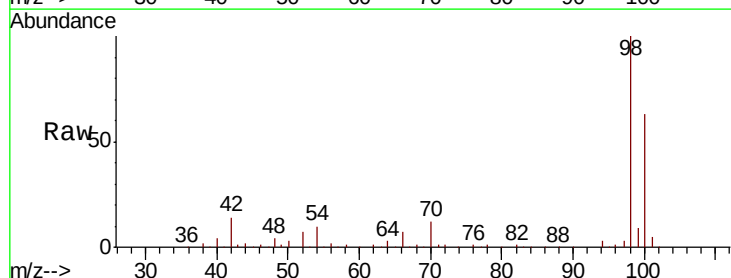
Acq: 24 Sep 2018 14:58

Tgt Ion: 98 Resp: 255439

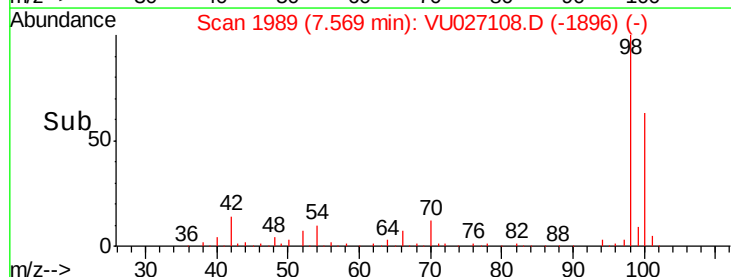
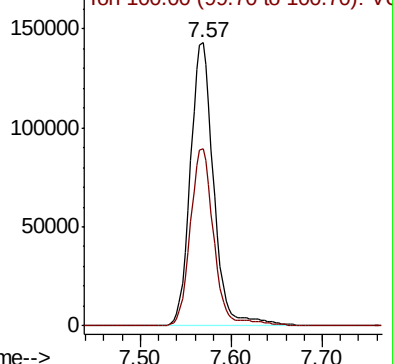
Ion Ratio Lower Upper

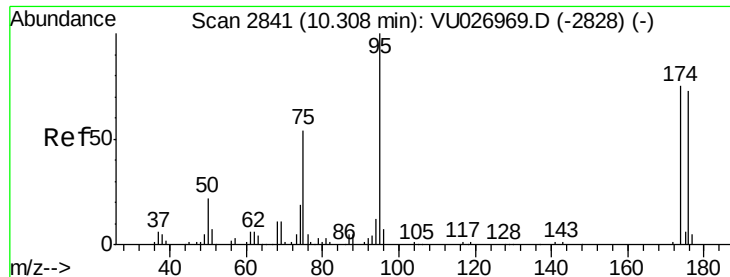
98 100

100 63.1 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

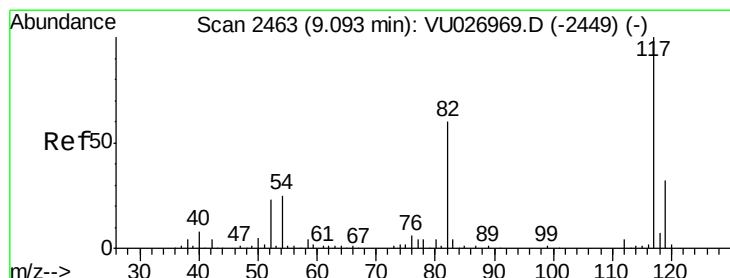
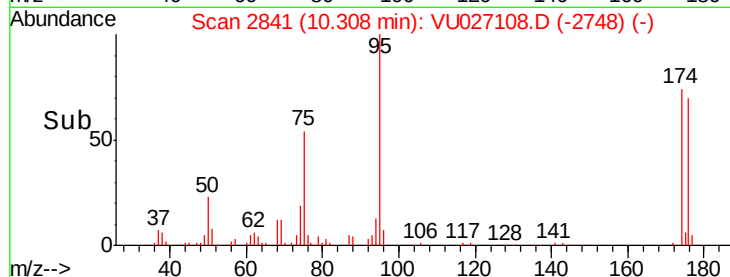
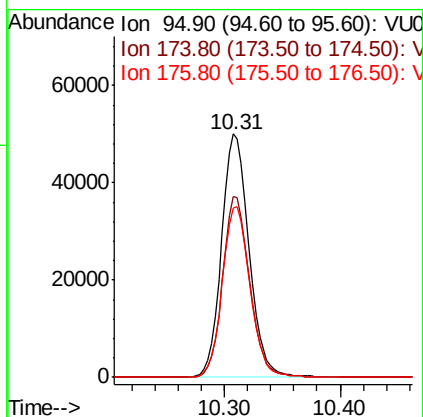
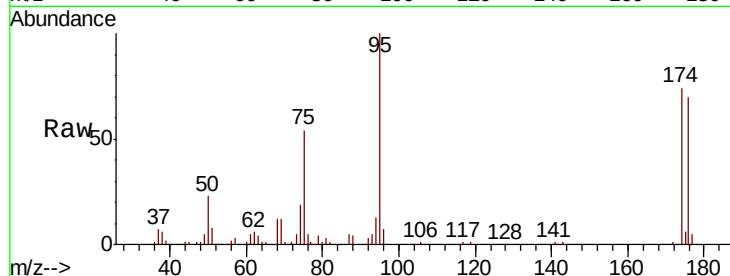




#62
 4-Bromofluorobenzene
 Concen: 46.134 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: VU027108.D
 Acq: 24 Sep 2018 14:58

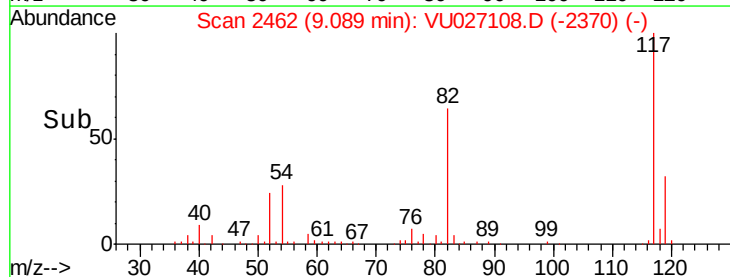
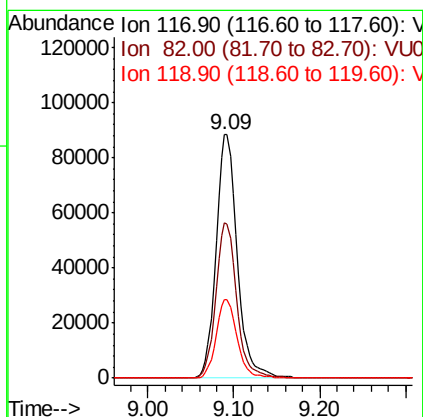
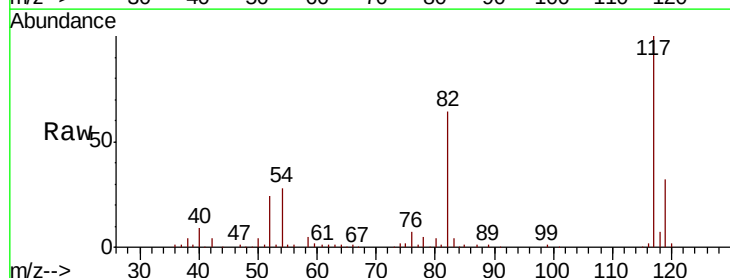
Instrument :
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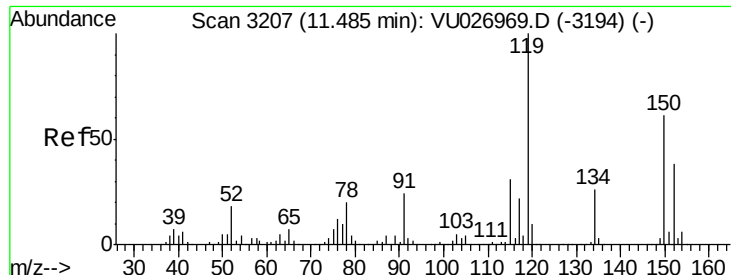
Tot Ion: 95 Resp: 81924
 Ion Ratio Lower Upper
 95 100
 174 73.1 0.0 150.2
 176 70.7 0.0 145.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VU027108.D
 Acq: 24 Sep 2018 14:58

Tgt Ion: 117 Resp: 151621
 Ion Ratio Lower Upper
 117 100
 82 63.8 48.0 72.0
 119 32.4 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: VU027108.D

Acq: 24 Sep 2018 14:58

Instrument :

MSVOA_U

ClientSampleId :

FT-DUP07-20180917

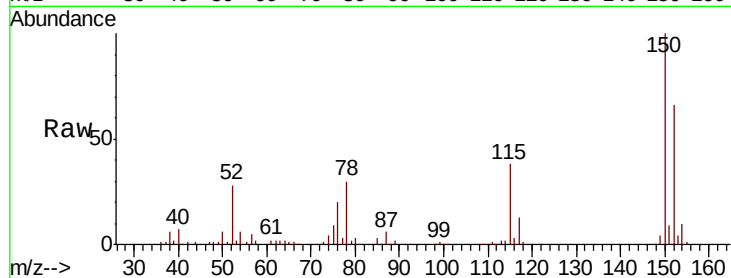
Tot Ion:152 Resp: 71228

Ion Ratio Lower Upper

152 100

115 60.7 44.9 134.5

150 156.2 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

