

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092418\
 Data File : VU027111.D
 Acq On : 24 Sep 2018 16:08
 Operator : MD/SY
 Sample : J4969-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FT-MW10I-20180917

Quant Time: Sep 25 02:38:14 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

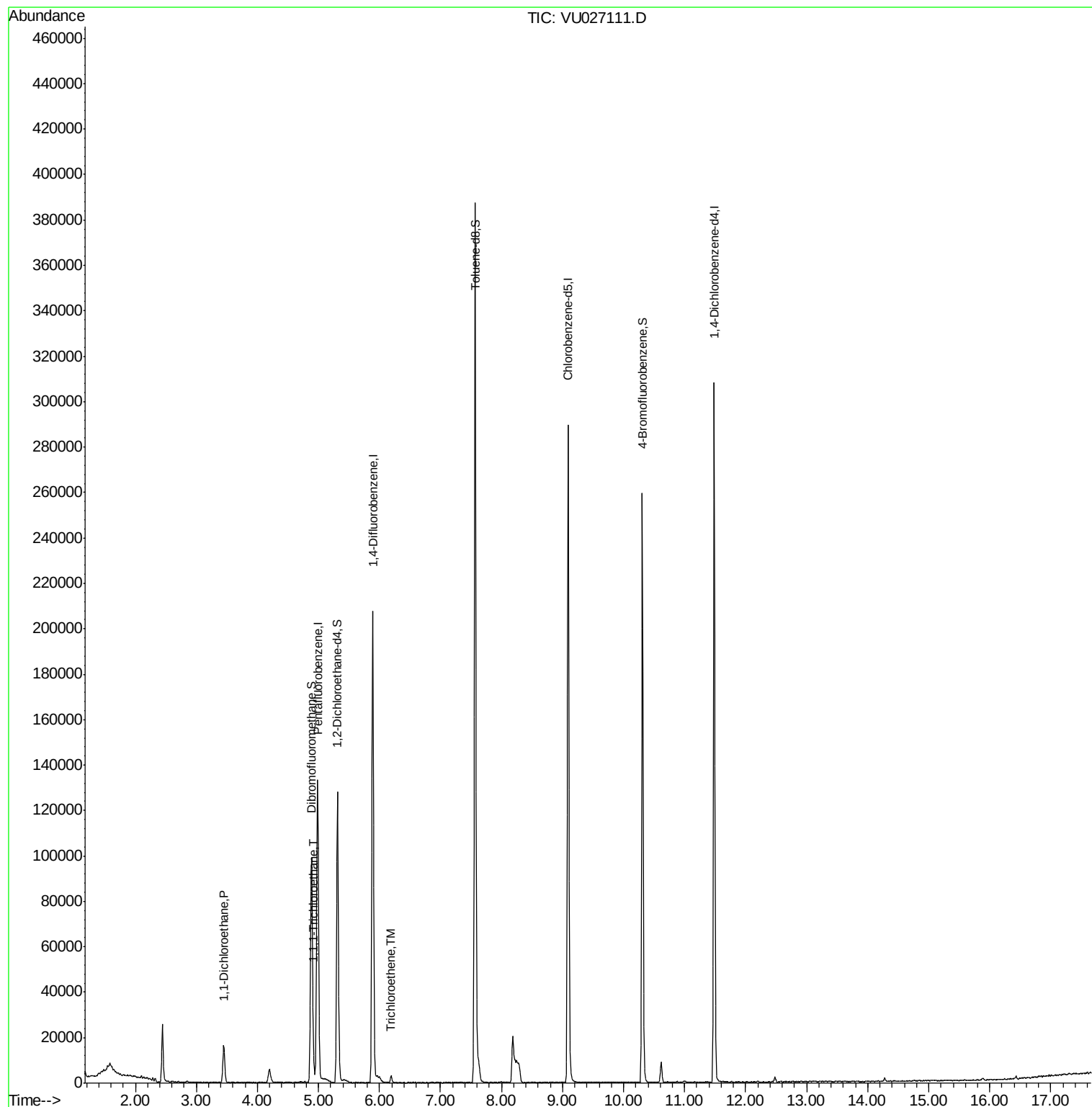
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	93599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	159074	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	153776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	72540	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	98362	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
35) Dibromofluoromethane	4.89	113	68021	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
50) Toluene-d8	7.57	98	254796	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
62) 4-Bromofluorobenzene	10.31	95	84182	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
Target Compounds						
24) 1,1-Dichloroethane	3.45	63	18806	6.088	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	3763	1.644	ug/l	96
44) Trichloroethene	6.19	130	1041	0.758	ug/l	85

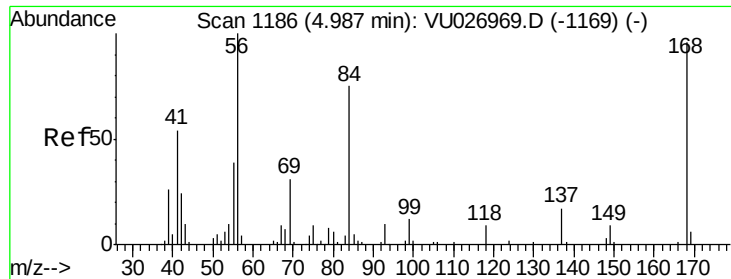
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VU027111.D

Acq: 24 Sep 2018 16:08

Instrument :

MSVOA_U

ClientSampleId :

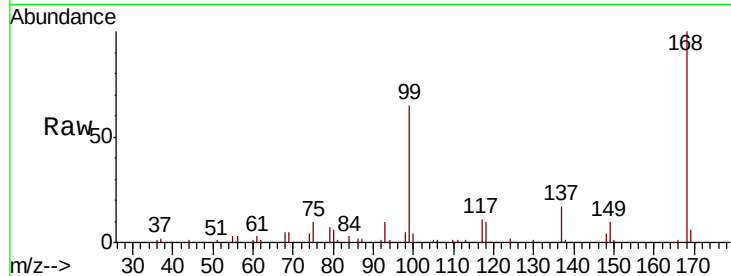
FT-MW10I-20180917

Tot Ion:168 Resp: 93599

Ion Ratio Lower Upper

168 100

99 63.9 48.1 72.1



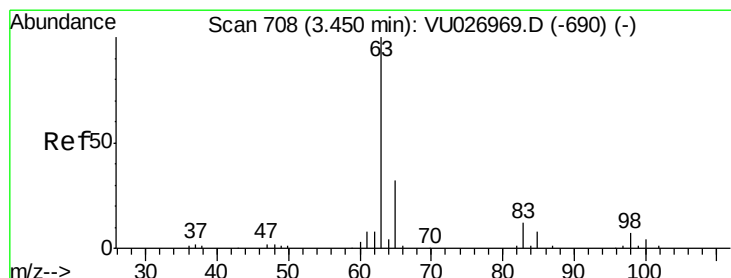
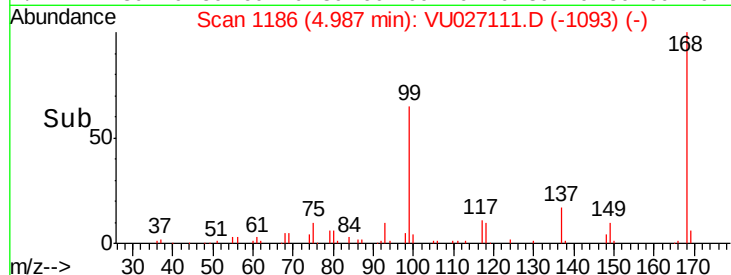
Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

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

4.99

4.90 4.95 5.00 5.05

Time-->



#24

1,1-Dichloroethane

Concen: 6.088 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027111.D

Acq: 24 Sep 2018 16:08

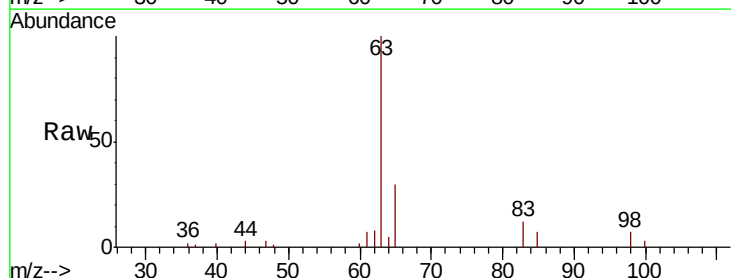
Tgt Ion: 63 Resp: 18806

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.8

100 3.5 2.0 5.8



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

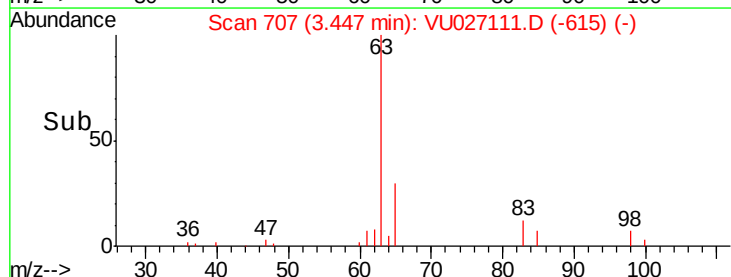
Ion 97.90 (97.60 to 98.60): VU026969.D (-690) (-)

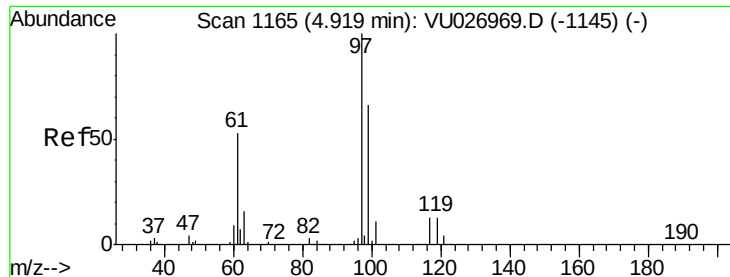
Ion 99.90 (99.60 to 100.60): VU026969.D (-690) (-)

3.45

3.35 3.40 3.45 3.50

Time-->





#32

1,1,1-Trichloroethane

Concen: 1.644 ug/l

RT: 4.92 min Scan# 1165

Delta R.T. 0.00 min

Lab File: VU027111.D

Acq: 24 Sep 2018 16:08

Instrument :

MSVOA_U

ClientSampleId :

FT-MW10I-20180917

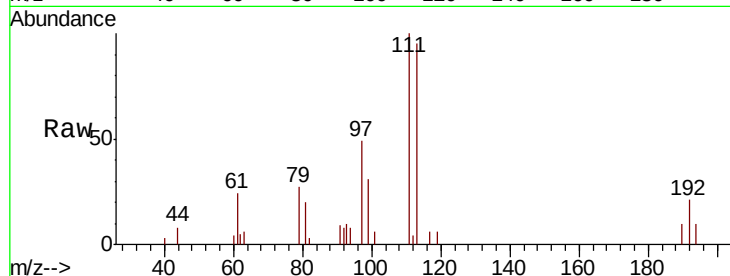
Tot Ion: 97 Resp: 3763

Ion Ratio Lower Upper

97 100

99 61.6 51.8 77.6

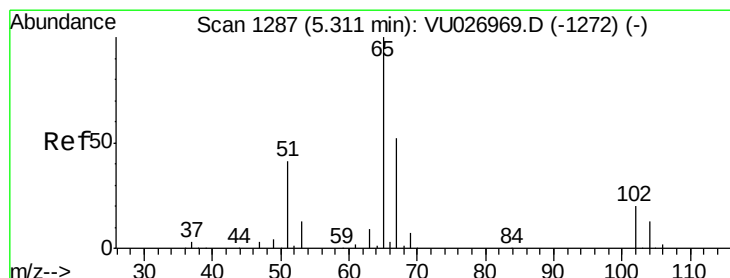
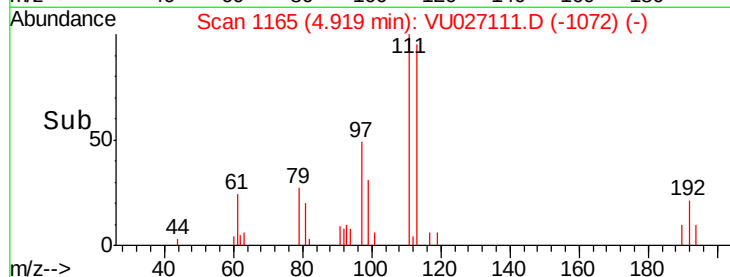
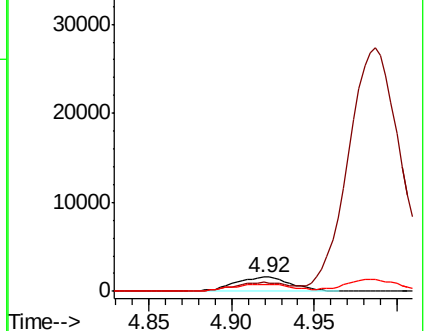
61 54.6 41.1 61.7



Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 98.90 (98.60 to 99.60): VU0

Ion 60.90 (60.60 to 61.60): VU0



#33

1,2-Dichloroethane-d4

Concen: 52.214 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027111.D

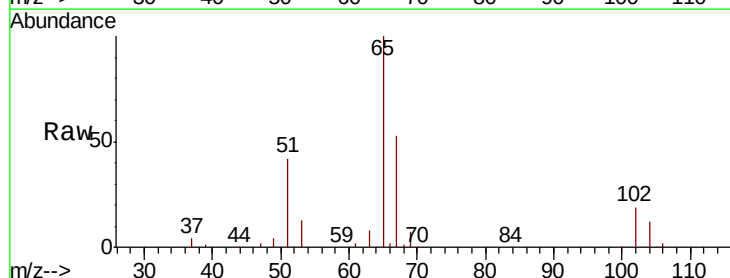
Acq: 24 Sep 2018 16:08

Tgt Ion: 65 Resp: 98362

Ion Ratio Lower Upper

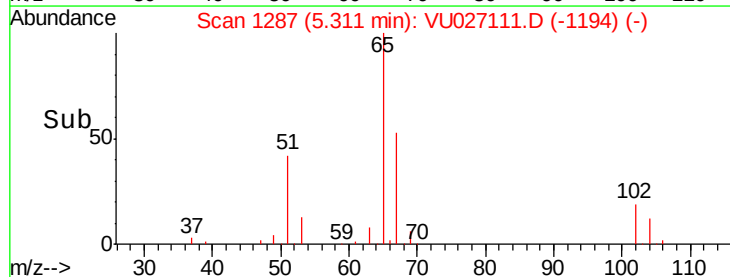
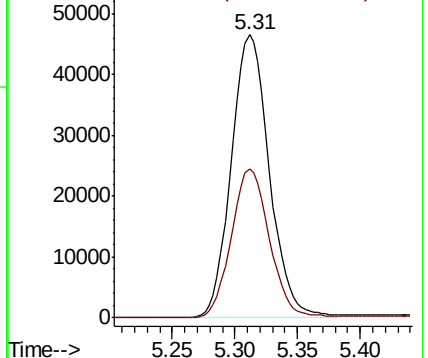
65 100

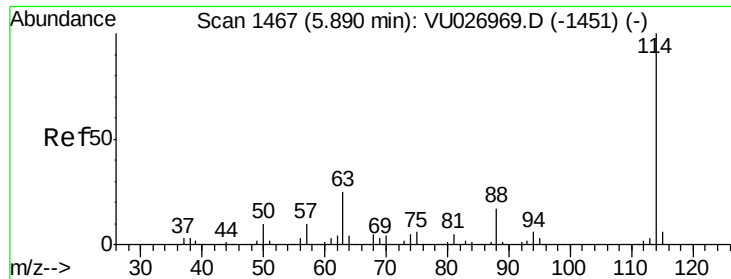
67 52.8 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

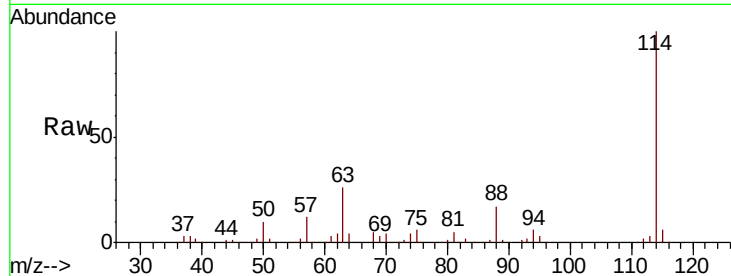




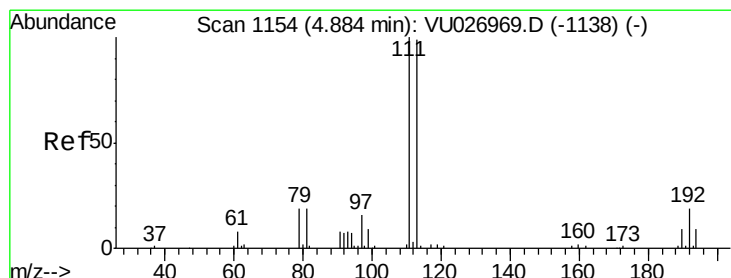
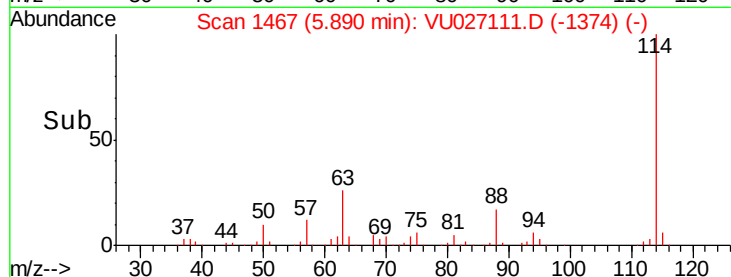
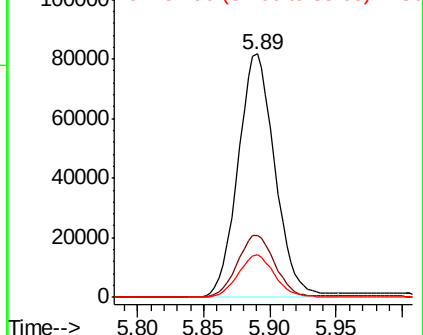
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027111.D
 Acq: 24 Sep 2018 16:08

Instrument :
 MSVOA_U
 ClientSampleId :
 FT-MW10I-20180917

Tot Ion:114 Resp: 159074
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 49.2
 88 17.3 0.0 33.8

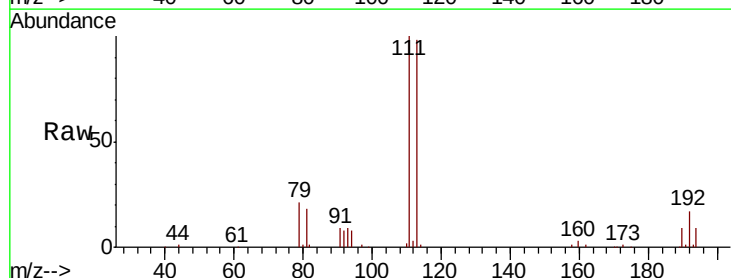


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

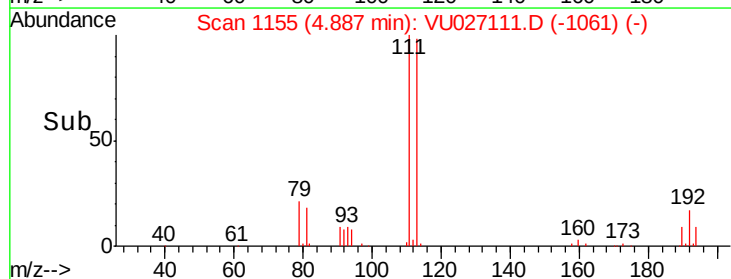
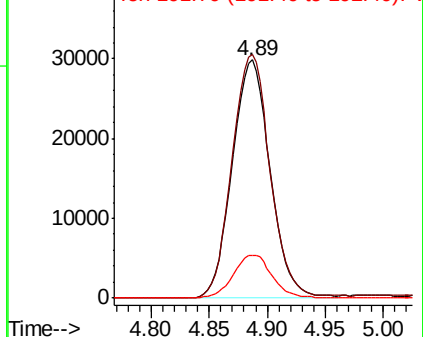


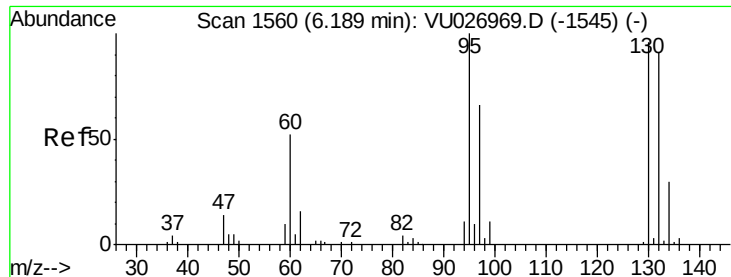
#35
 Dibromofluoromethane
 Concen: 49.331 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027111.D
 Acq: 24 Sep 2018 16:08

Tgt Ion:113 Resp: 68021
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.2 123.4
 192 18.2 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: 0.758 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027111.D

Acq: 24 Sep 2018 16:08

Instrument :

MSVOA_U

ClientSampleId :

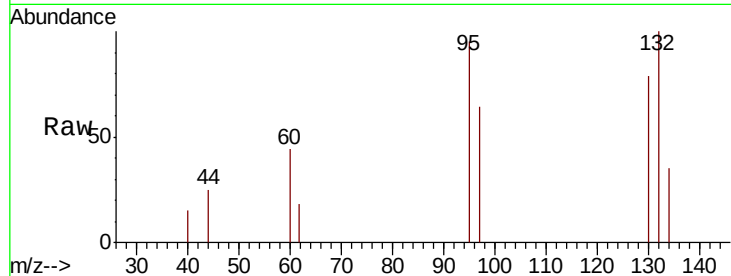
FT-MW10I-20180917

Tot Ion:130 Resp: 1041

Ion Ratio Lower Upper

130 100

95 119.6 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

800

600

400

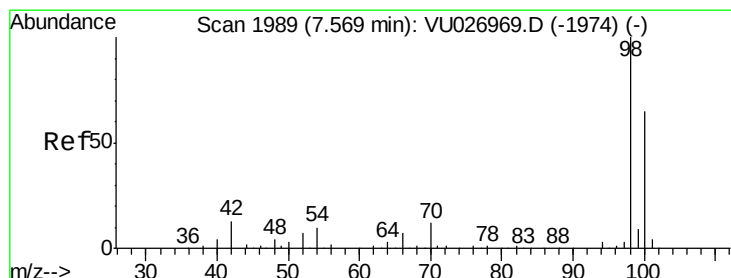
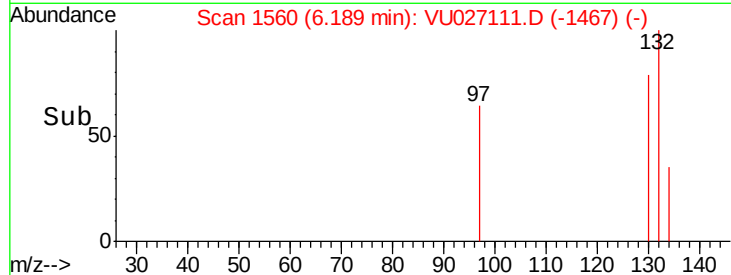
200

0

6.15

6.20

Time-->



#50

Toluene-d8

Concen: 48.488 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027111.D

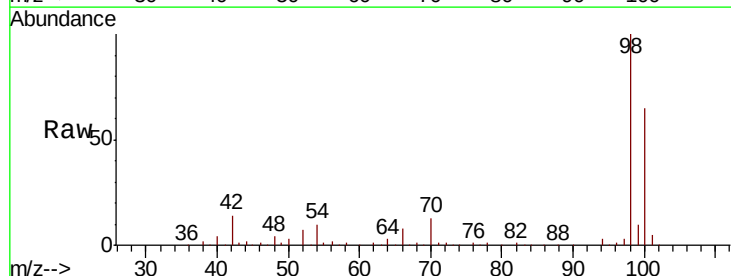
Acq: 24 Sep 2018 16:08

Tgt Ion: 98 Resp: 254796

Ion Ratio Lower Upper

98 100

100 64.8 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

150000

100000

50000

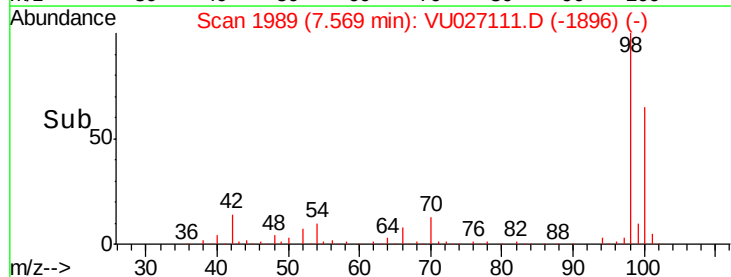
0

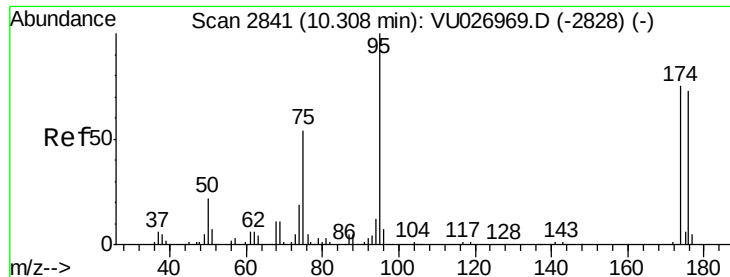
7.50

7.60

7.70

Time-->





#62

4-Bromofluorobenzene

Concen: 46.687 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027111.D

Acq: 24 Sep 2018 16:08

Instrument :

MSVOA_U

ClientSampleId :

FT-MW10I-20180917

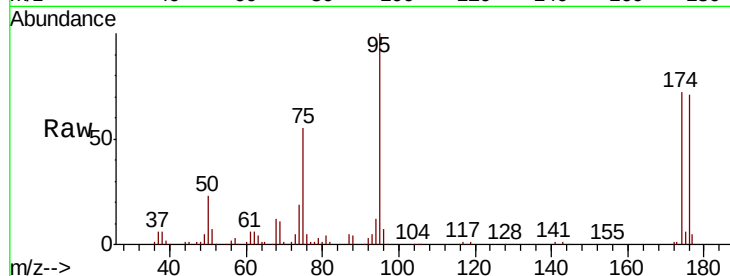
Tot Ion: 95 Resp: 84182

Ion Ratio Lower Upper

95 100

174 72.4 0.0 150.2

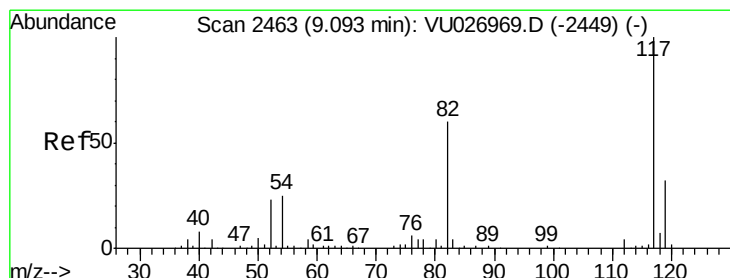
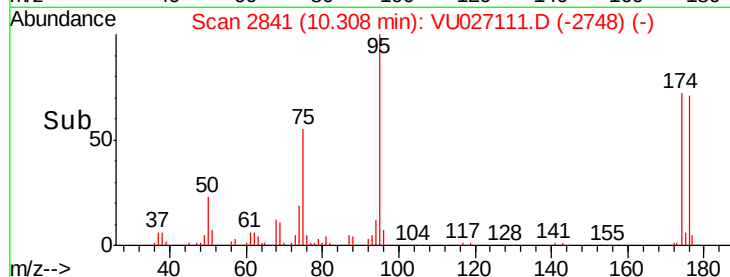
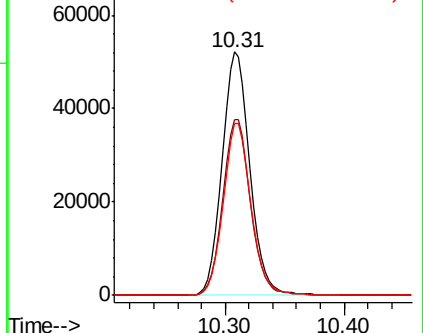
176 70.6 0.0 145.2



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VU027111.D

Acq: 24 Sep 2018 16:08

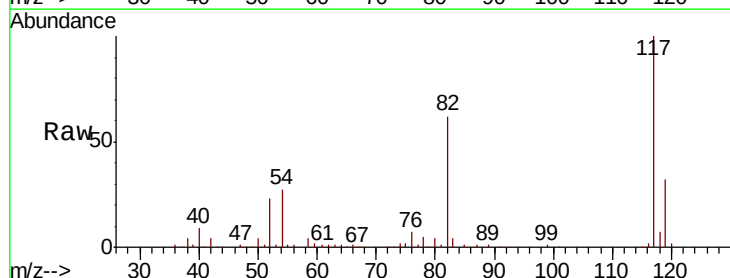
Tgt Ion: 117 Resp: 153776

Ion Ratio Lower Upper

117 100

82 62.1 48.0 72.0

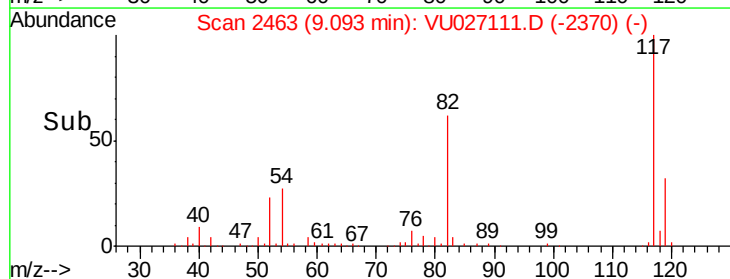
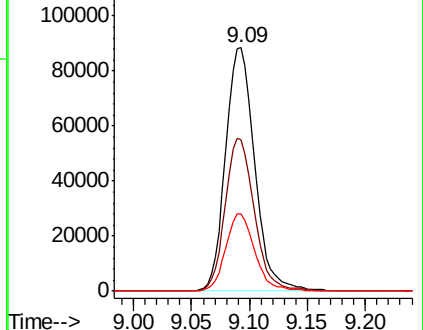
119 31.8 25.8 38.8

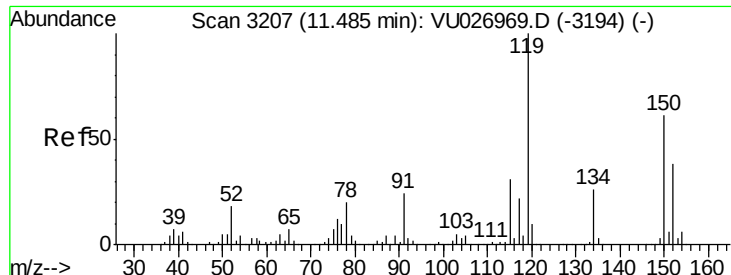


Abundance Ion 116.90 (116.60 to 117.60): VU026969.D (-2449) (-)

Ion 82.00 (81.70 to 82.70): VU026969.D (-2449) (-)

Ion 118.90 (118.60 to 119.60): VU026969.D (-2449) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027111.D

Acq: 24 Sep 2018 16:08

Instrument :

MSVOA_U

ClientSampleId :

FT-MW10I-20180917

Tot Ion:152 Resp: 72540

Ion Ratio Lower Upper

152 100

115 60.9 44.9 134.5

150 156.1 0.0 355.8

