

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110918\
 Data File : VU028052.D
 Acq On : 09 Nov 2018 18:09
 Operator : MD/SY
 Sample : I.BLK
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 I.BLK

Quant Time: Nov 12 07:27:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

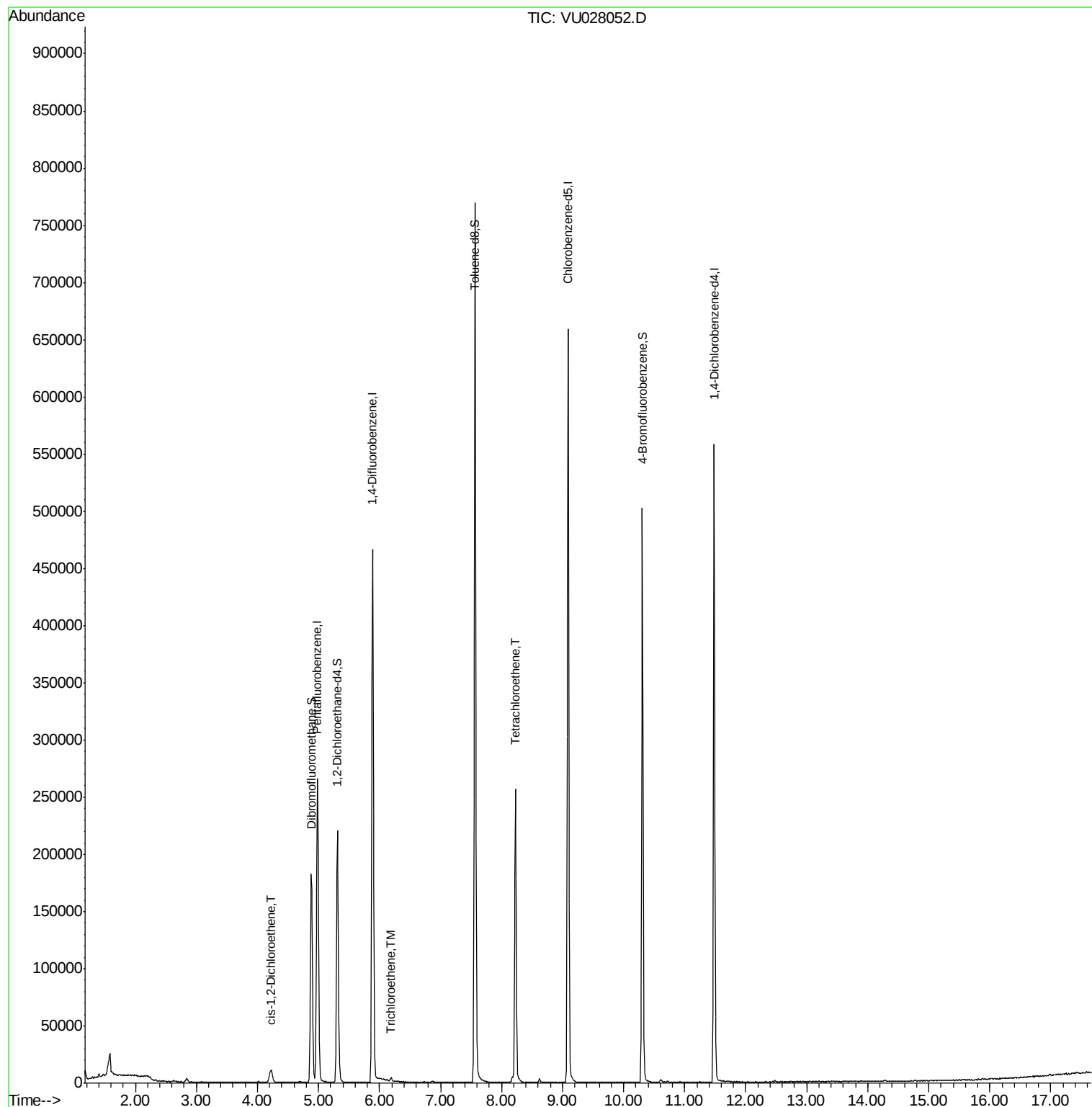
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	195460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	376827	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	345471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	140995	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	168312	57.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.84%	
35) Dibromofluoromethane	4.88	113	126130	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.18%	
50) Toluene-d8	7.57	98	499097	54.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.76%	
62) 4-Bromofluorobenzene	10.31	95	164939	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.23	96	4996	1.885	ug/l	79
44) Trichloroethene	6.19	130	1139	0.439	ug/l	55
64) Tetrachloroethene	8.23	164	57002	25.446	ug/l	97

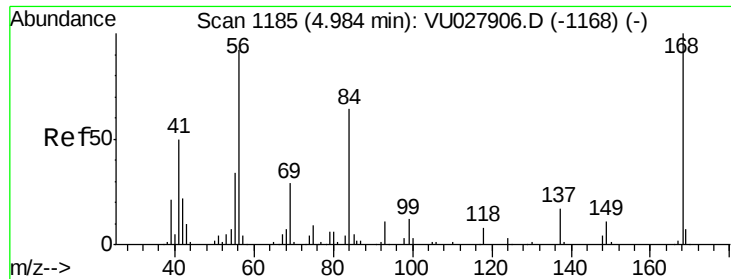
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 02 02:28:20 2018
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: VU028052.D

Acq: 09 Nov 2018 18:09

Instrument :

MSVOA_U

ClientSampleId :

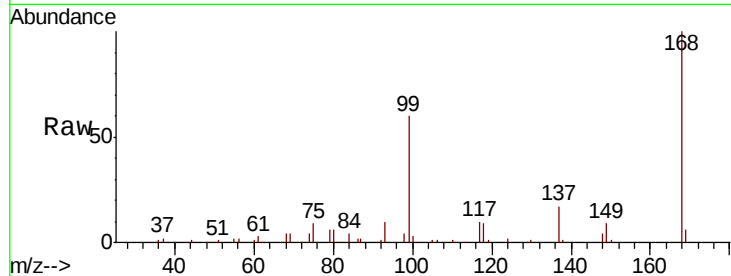
I.BLK

Tot Ion:168 Resp: 195460

Ion Ratio Lower Upper

168 100

99 60.3 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU027906.D (-1168) (-)

4.99

80000

60000

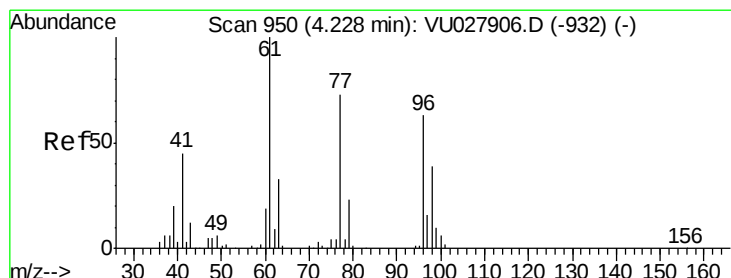
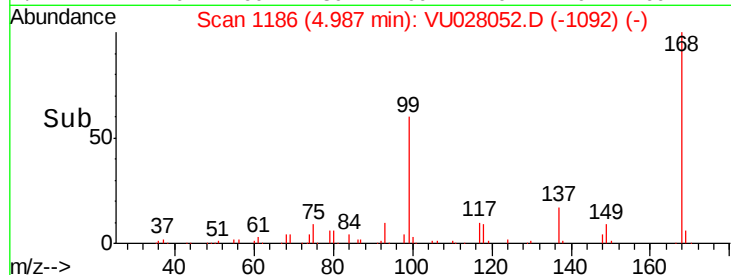
40000

20000

0

Time-->

4.90 4.95 5.00 5.05



#27

cis-1,2-Dichloroethene

Concen: 1.885 ug/l

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU028052.D

Acq: 09 Nov 2018 18:09

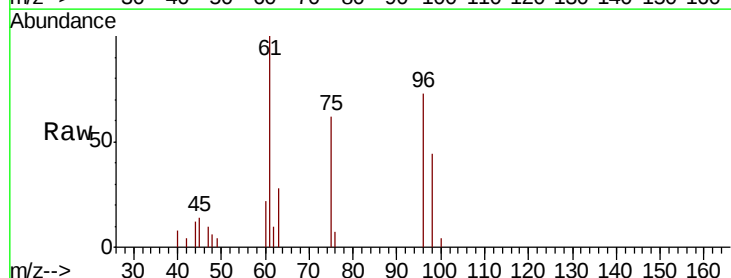
Tgt Ion: 96 Resp: 4996

Ion Ratio Lower Upper

96 100

61 129.9 0.0 329.6

98 57.6 0.0 127.2



Abundance Ion 95.90 (95.60 to 96.60): VU027906.D (-932) (-)

Ion 60.90 (60.60 to 61.60): VU027906.D (-932) (-)

Ion 97.90 (97.60 to 98.60): VU027906.D (-932) (-)

4.23

3000

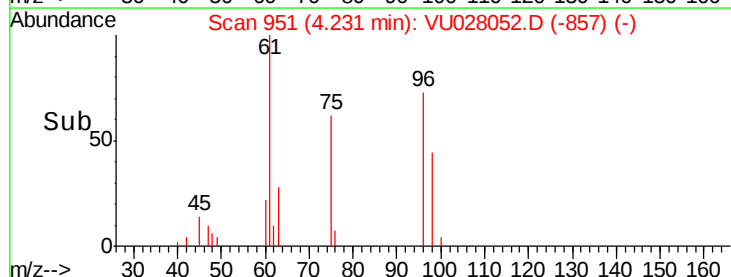
2000

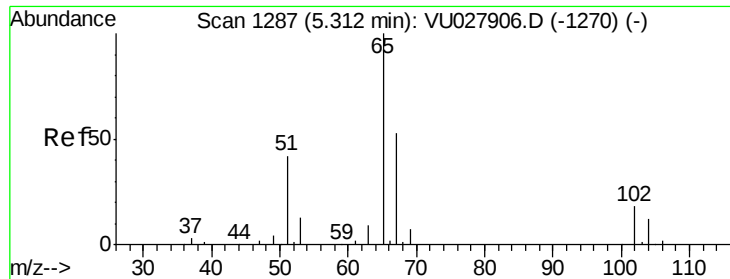
1000

0

Time-->

4.15 4.20 4.25 4.30

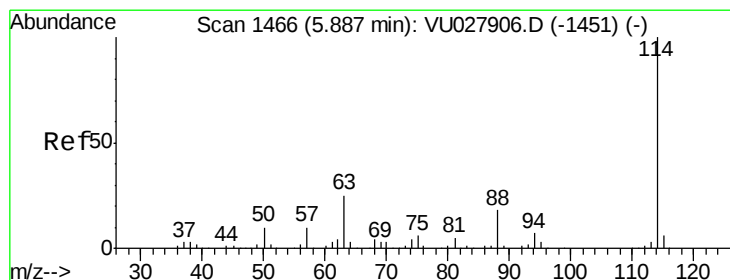
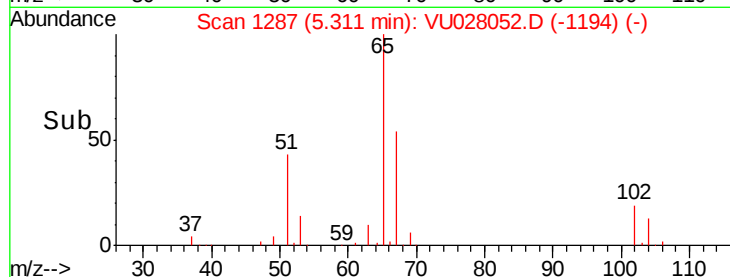
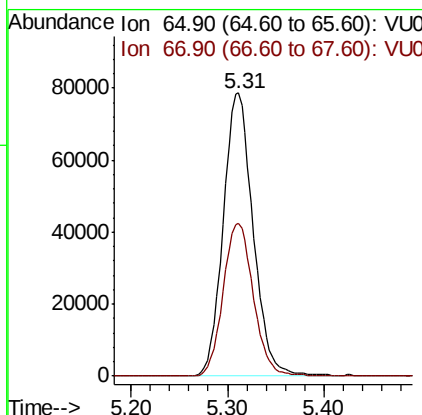
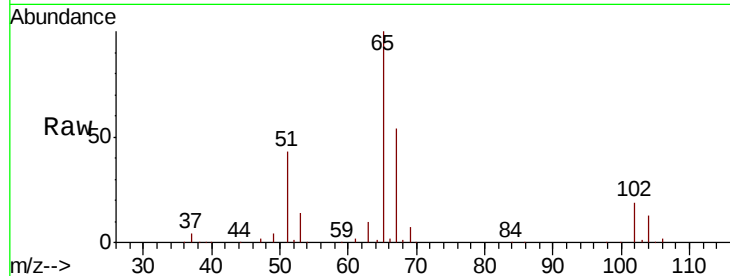




#33
 1,2-Dichloroethane-d4
 Concen: 57.919 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU028052.D
 Acq: 09 Nov 2018 18:09

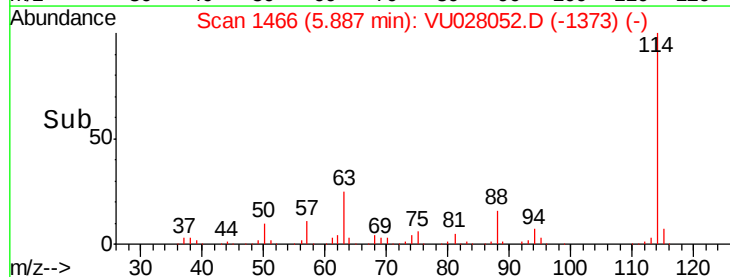
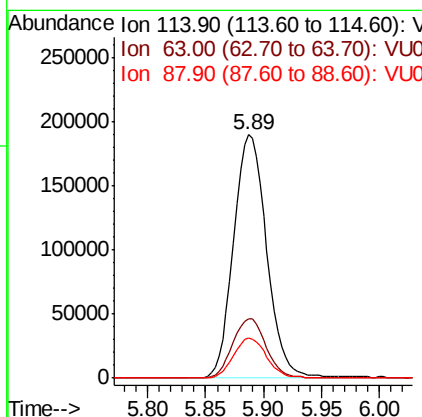
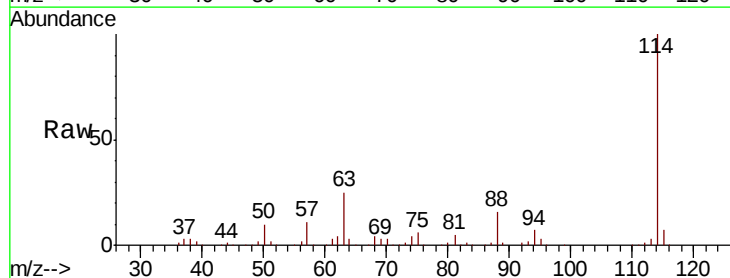
Instrument :
 MSVOA_U
 ClientSampled :
 I.BLK

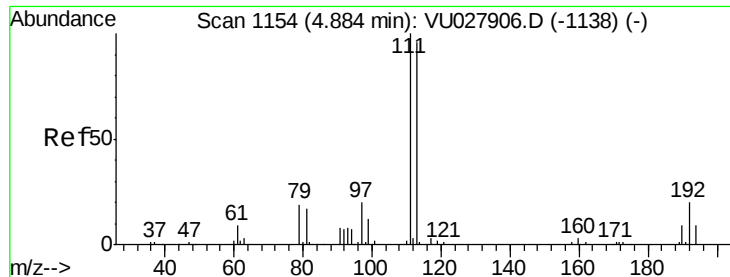
Tot Ion: 65 Resp: 168312
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU028052.D
 Acq: 09 Nov 2018 18:09

Tgt Ion: 114 Resp: 376827
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 50.8
 88 16.4 0.0 35.8

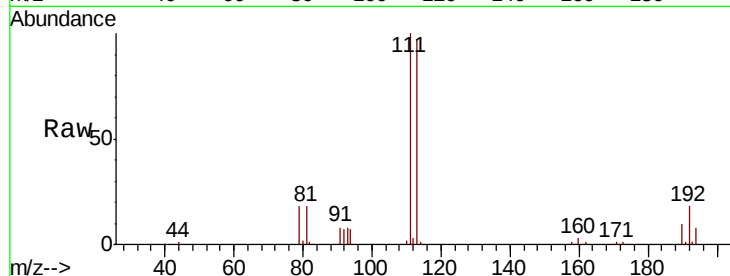




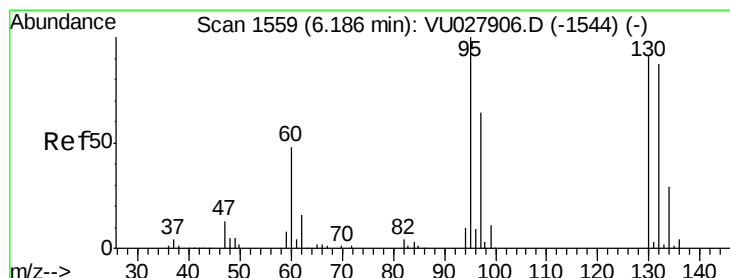
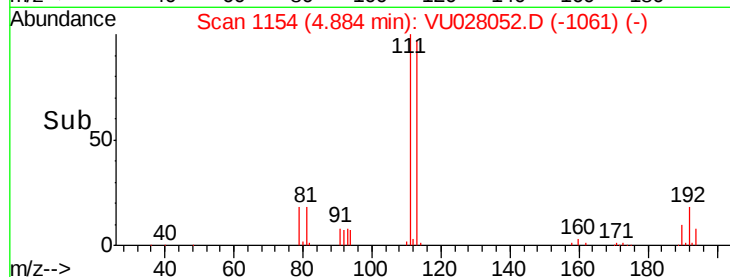
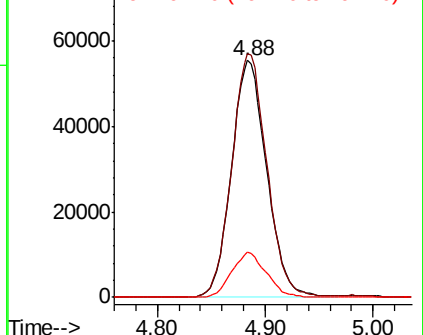
#35
 Dibromofluoromethane
 Concen: 53.086 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028052.D
 Acq: 09 Nov 2018 18:09

Instrument :
 MSVOA_U
 ClientSampleId :
 I.BLK

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.0	124.6
192	18.6	15.6	23.4

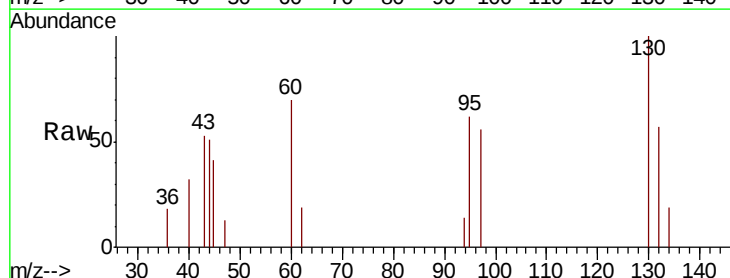


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

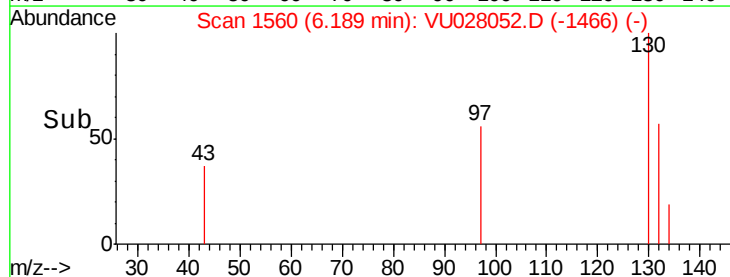
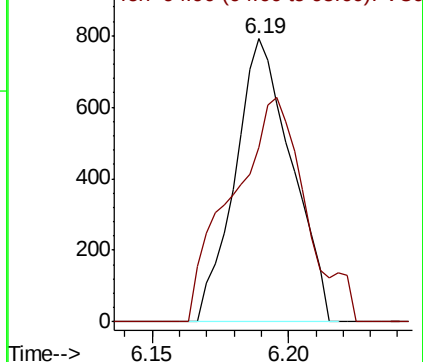


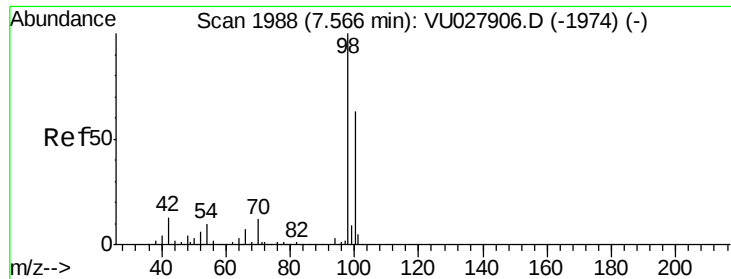
#44
 Trichloroethene
 Concen: 0.439 ug/l
 RT: 6.19 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: VU028052.D
 Acq: 09 Nov 2018 18:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	61.8	0.0	219.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VU0





#50

Toluene-d8

Concen: 54.379 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028052.D

Acq: 09 Nov 2018 18:09

Instrument :

MSVOA_U

ClientSampleId :

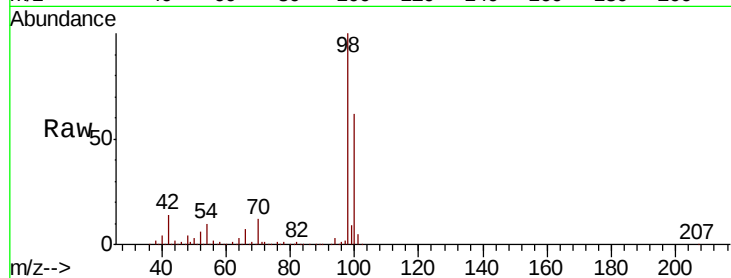
I.BLK

Tot Ion: 98 Resp: 499097

Ion Ratio Lower Upper

98 100

100 62.6 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VU027906.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027906.D (-1974) (-)

7.57

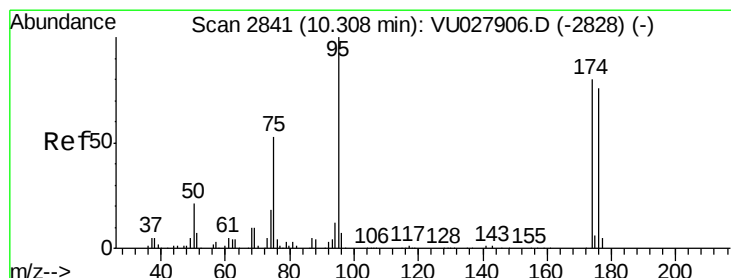
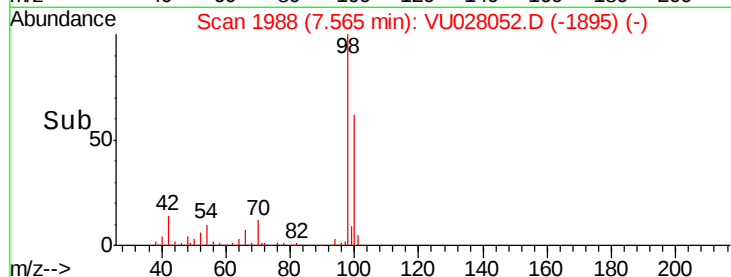
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.722 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU028052.D

Acq: 09 Nov 2018 18:09

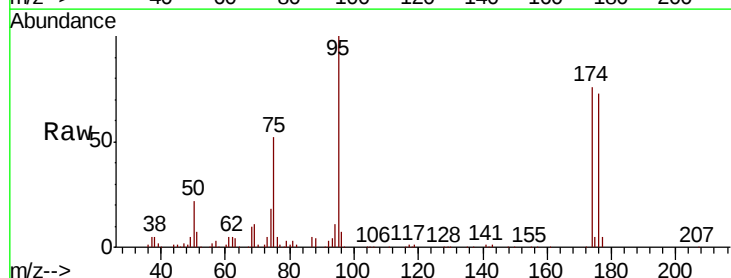
Tgt Ion: 95 Resp: 164939

Ion Ratio Lower Upper

95 100

174 75.5 0.0 156.4

176 75.0 0.0 150.8



Abundance Ion 94.90 (94.60 to 95.60): VU027906.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027906.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027906.D (-2828) (-)

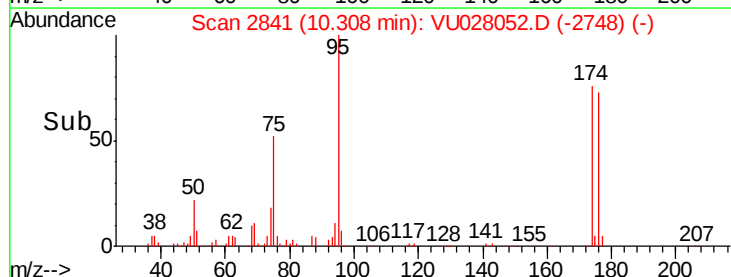
10.31

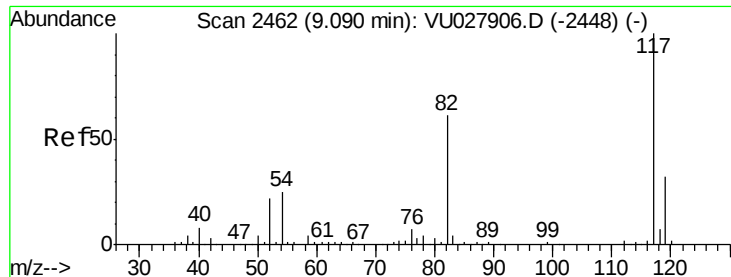
100000

50000

0

Time-->

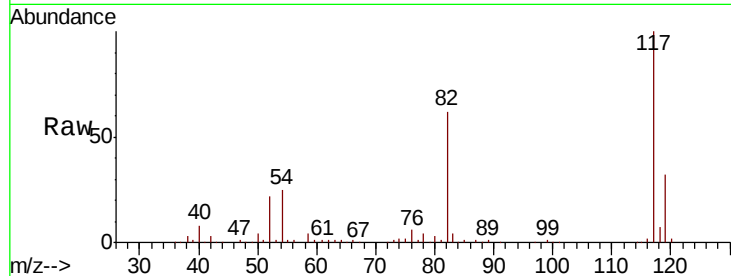




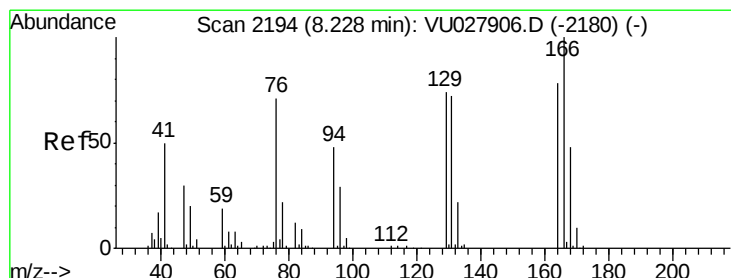
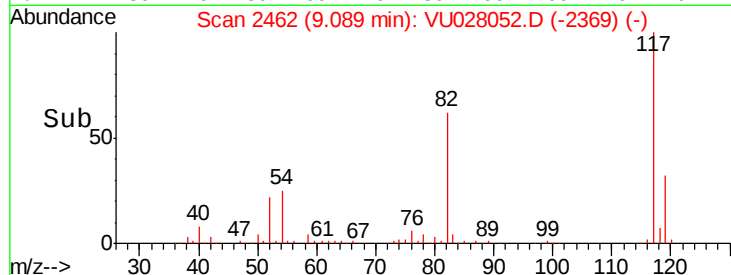
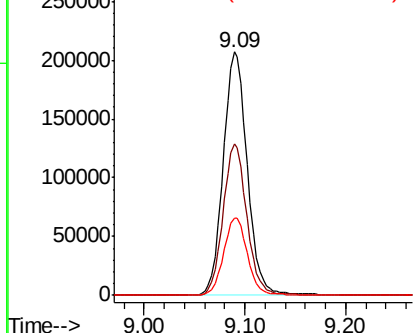
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028052.D
Acq: 09 Nov 2018 18:09

Instrument :
MSVOA_U
ClientSampled :
I.BLK

Tot Ion:117 Resp: 345471
Ion Ratio Lower Upper
117 100
82 62.5 48.6 73.0
119 31.9 25.8 38.8

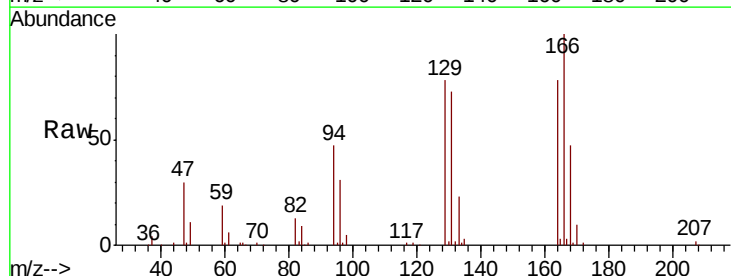


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

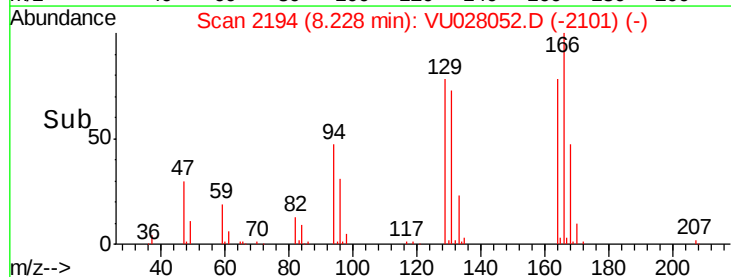
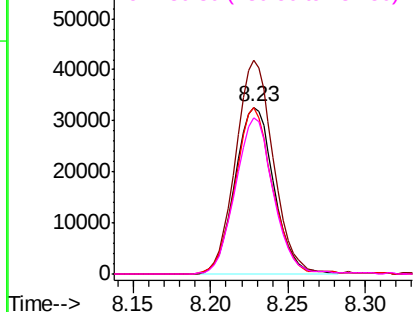


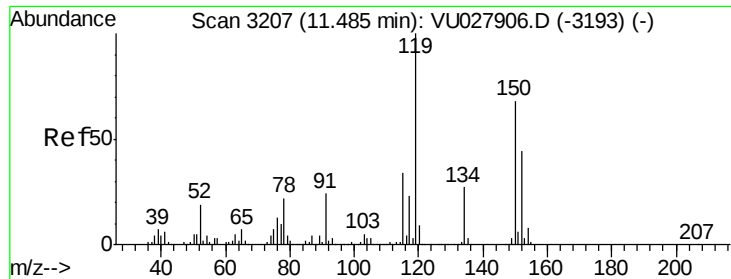
#64
Tetrachloroethene
Concen: 25.446 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU028052.D
Acq: 09 Nov 2018 18:09

Tgt Ion:164 Resp: 57002
Ion Ratio Lower Upper
164 100
166 128.2 102.1 153.1
129 99.7 75.9 113.9
131 93.9 73.0 109.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): 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: VU028052.D

Acq: 09 Nov 2018 18:09

Instrument :

MSVOA_U

ClientSampleId :

I.BLK

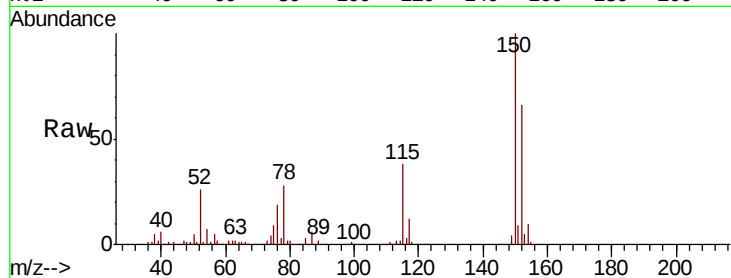
Tot Ion:152 Resp: 140995

Ion Ratio Lower Upper

152 100

115 58.8 43.0 129.0

150 156.1 0.0 349.4



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

