

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111218\
 Data File : VU028067.D
 Acq On : 12 Nov 2018 16:09
 Operator : MD/SY
 Sample : J5885-07DL 400X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-4DL

Quant Time: Nov 13 03:22:29 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

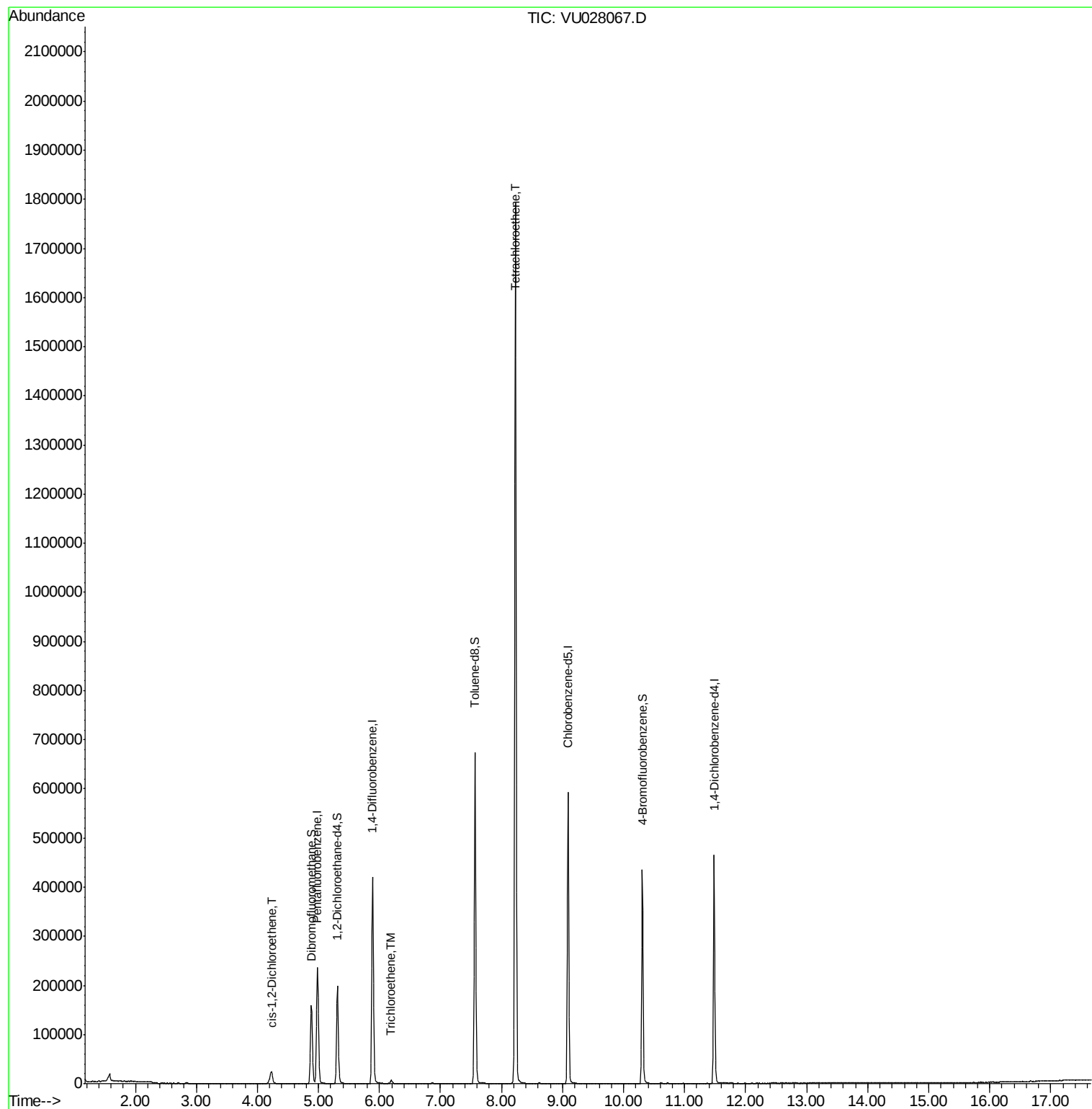
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	174843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	327721	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	300503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	113874	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	152832	58.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.58%	
35) Dibromofluoromethane	4.88	113	109531	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
50) Toluene-d8	7.57	98	432333	54.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.32%	
62) 4-Bromofluorobenzene	10.31	95	140426	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.23	96	12046	5.080	ug/l	86
44) Trichloroethene	6.20	130	2245	0.995	ug/l	87
64) Tetrachloroethene	8.23	164	374689	192.292	ug/l	98

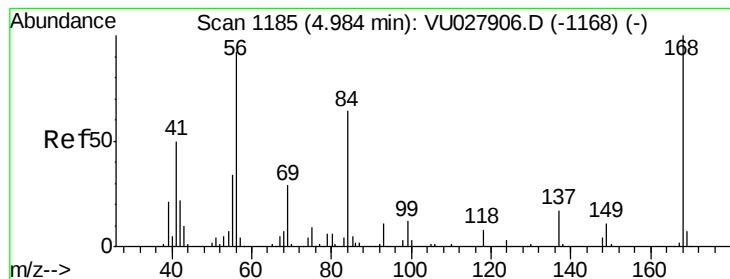
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028067.D

Acq: 12 Nov 2018 16:09

Instrument :

MSVOA_U

ClientSampleId :

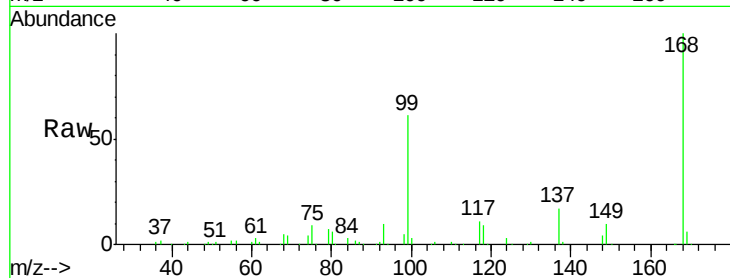
MW-4DL

Tgt Ion:168 Resp: 174843

Ion Ratio Lower Upper

168 100

99 61.0 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) (-)

4.98

80000

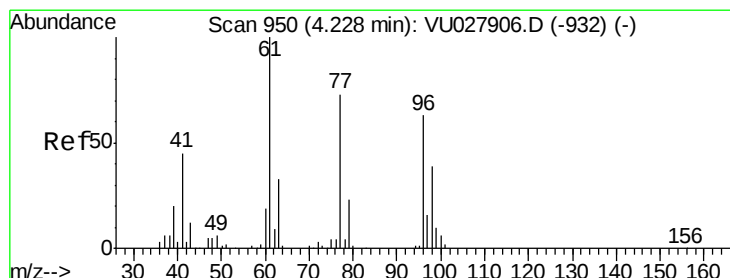
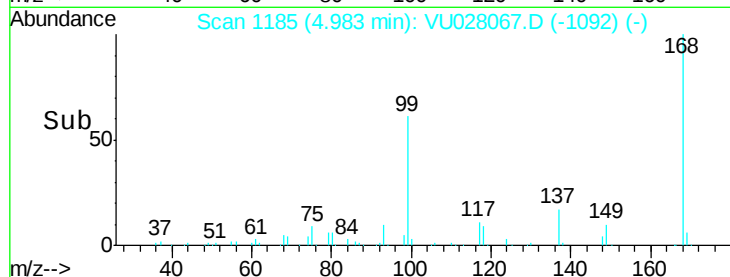
60000

40000

20000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 5.080 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU028067.D

Acq: 12 Nov 2018 16:09

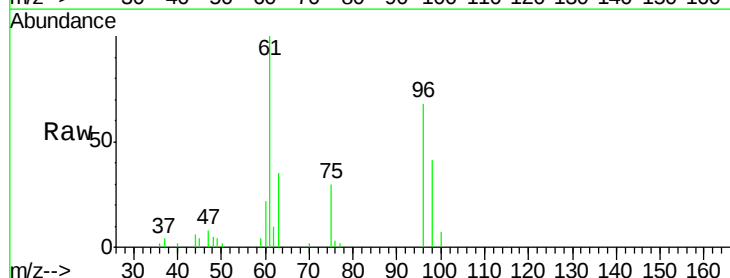
Tgt Ion: 96 Resp: 12046

Ion Ratio Lower Upper

96 100

61 158.8 0.0 329.6

98 33.4 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

8000

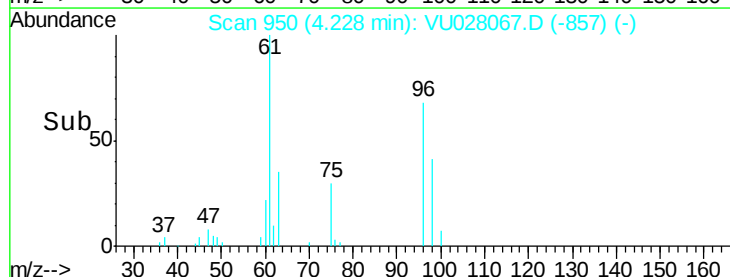
6000

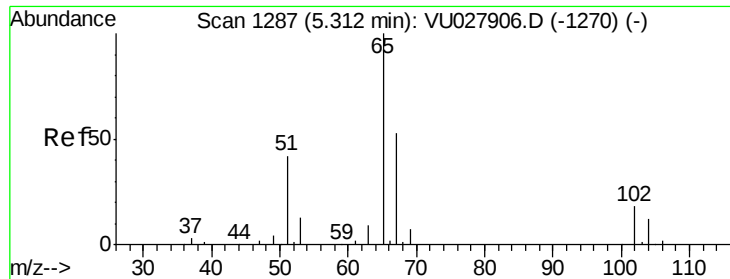
4000

2000

0

Time-->

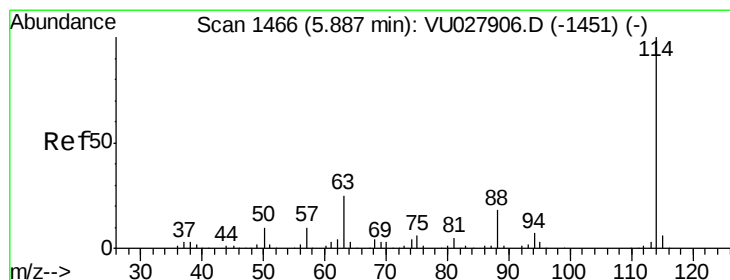
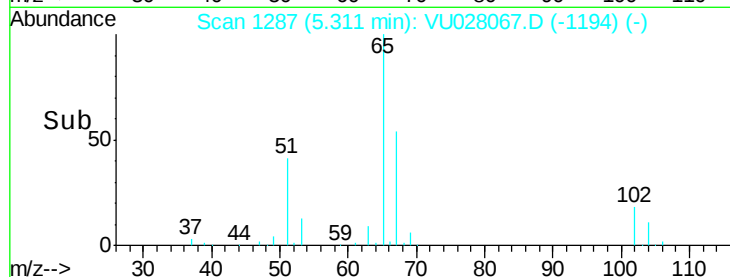
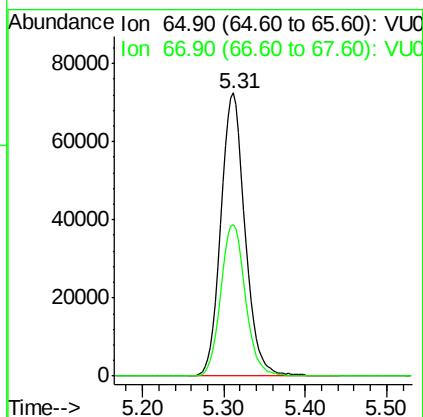
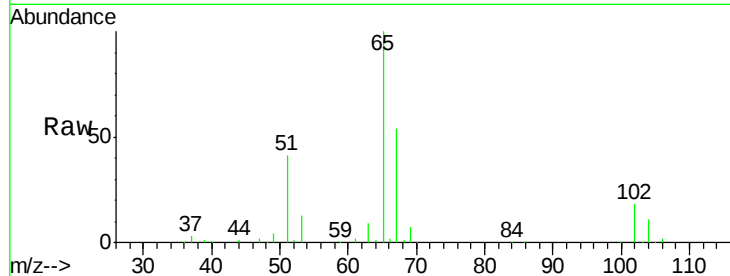




#33
 1,2-Dichloroethane-d4
 Concen: 58.793 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU028067.D
 Acq: 12 Nov 2018 16:09

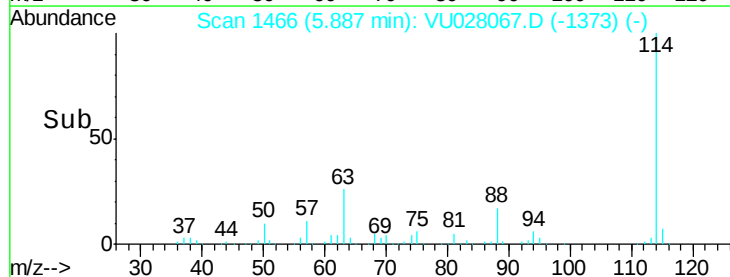
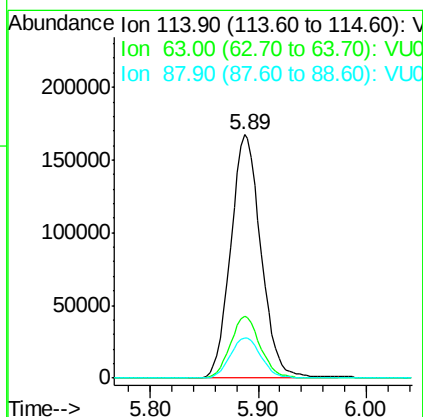
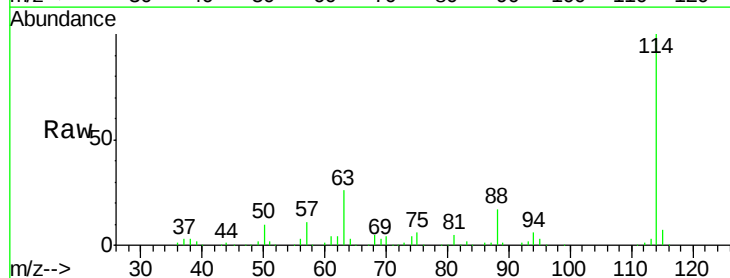
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-4DL

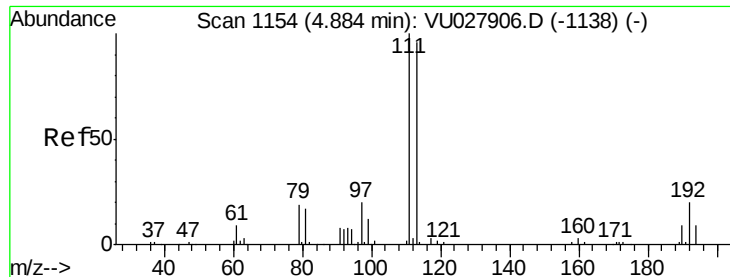
Tgt Ion: 65 Resp: 152832
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU028067.D
 Acq: 12 Nov 2018 16:09

Tgt Ion: 114 Resp: 327721
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 50.8
 88 16.7 0.0 35.8

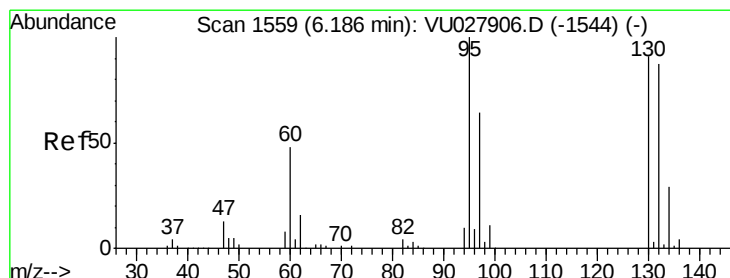
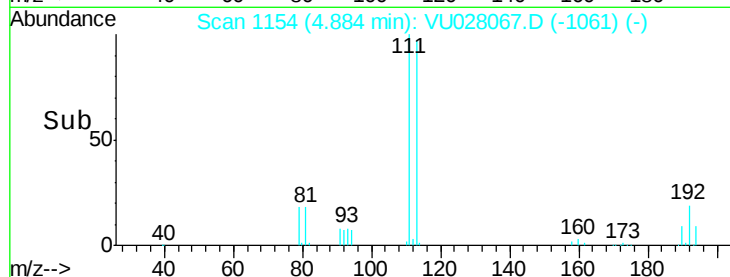
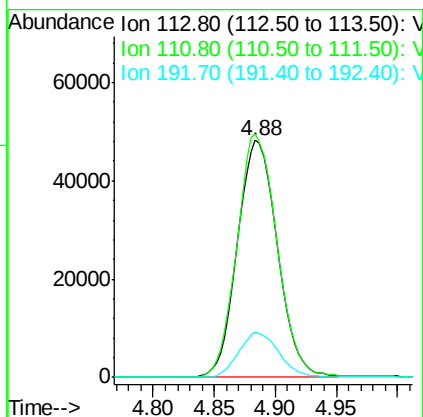
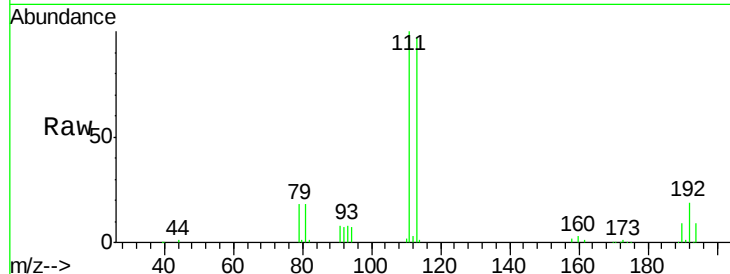




#35
 Dibromofluoromethane
 Concen: 53.007 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028067.D
 Acq: 12 Nov 2018 16:09

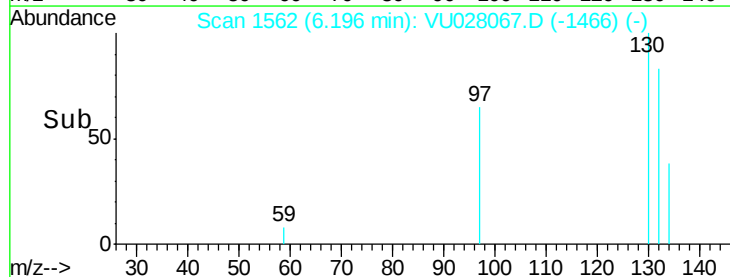
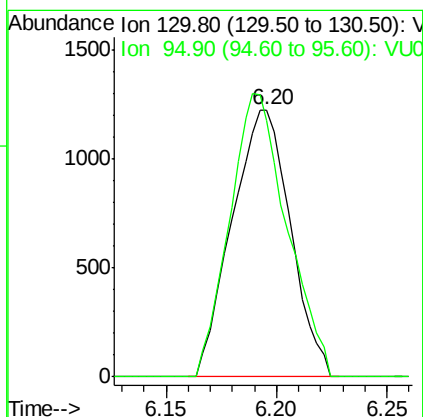
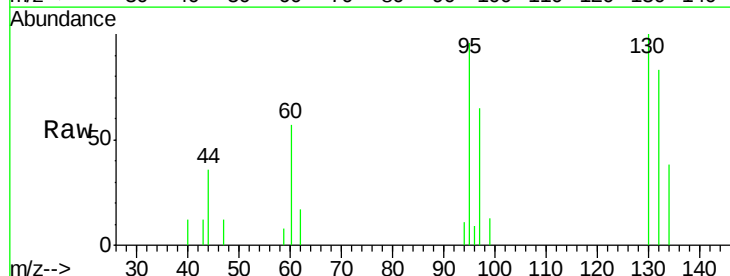
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-4DL

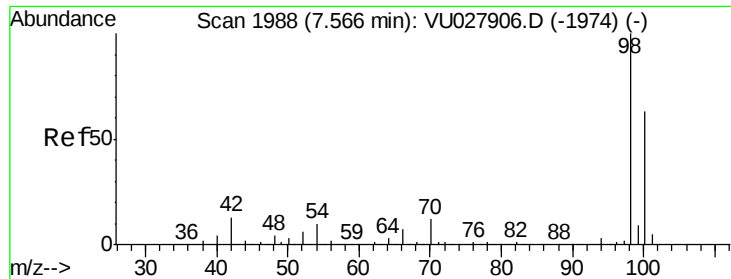
Tgt Ion:113 Resp: 109531
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.0 124.6
 192 19.0 15.6 23.4



#44
 Trichloroethene
 Concen: 0.995 ug/l
 RT: 6.20 min Scan# 1562
 Delta R.T. 0.01 min
 Lab File: VU028067.D
 Acq: 12 Nov 2018 16:09

Tgt Ion:130 Resp: 2245
 Ion Ratio Lower Upper
 130 100
 95 96.3 0.0 219.2

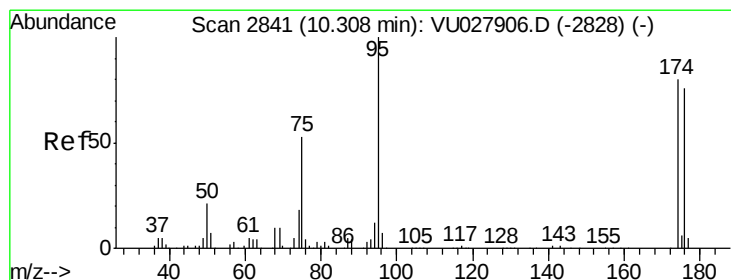
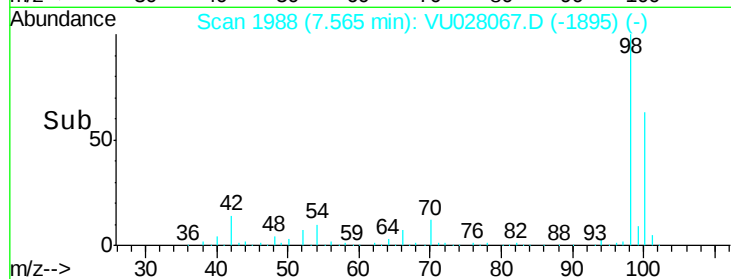
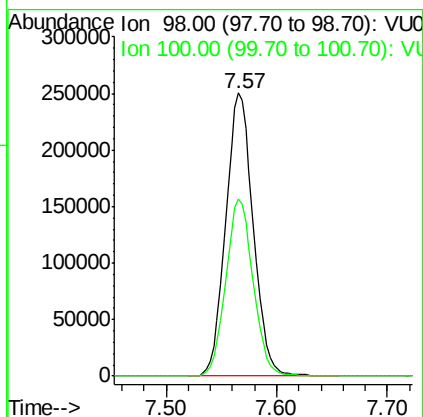
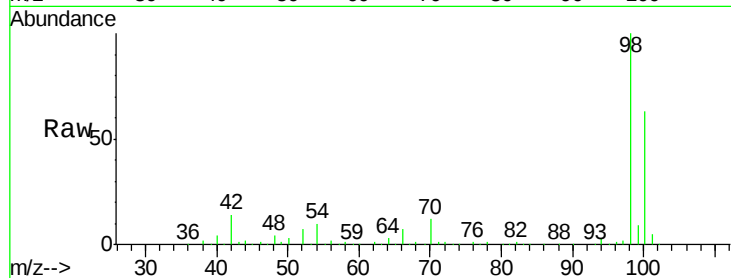




#50
Toluene-d8
Concen: 54.163 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028067.D
Acq: 12 Nov 2018 16:09

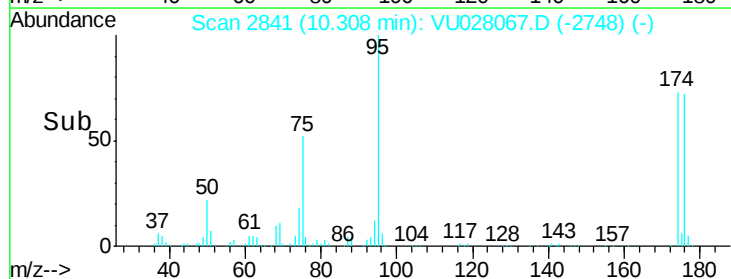
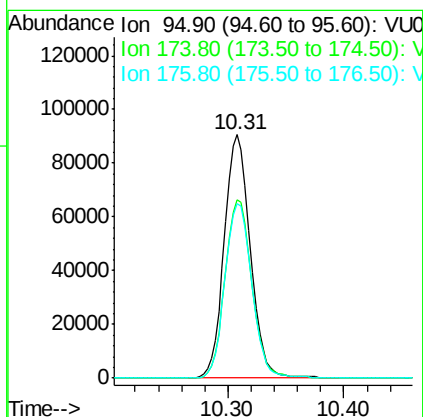
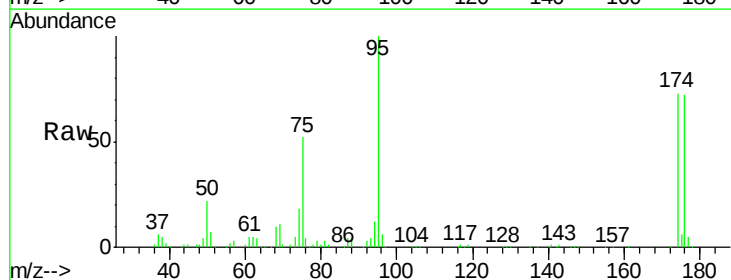
Instrument :
MSVOA_U
ClientSampled :
MW-4DL

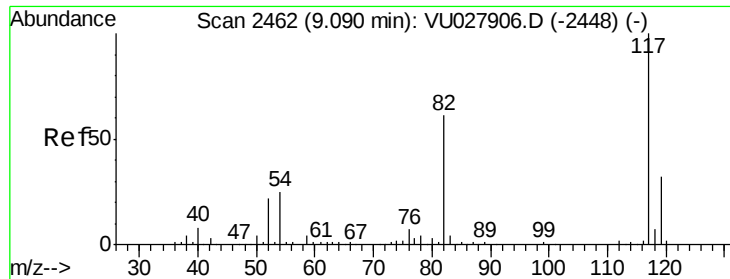
Tgt Ion: 98 Resp: 432333
Ion Ratio Lower Upper
98 100
100 62.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.697 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU028067.D
Acq: 12 Nov 2018 16:09

Tgt Ion: 95 Resp: 140426
Ion Ratio Lower Upper
95 100
174 75.4 0.0 156.4
176 73.7 0.0 150.8

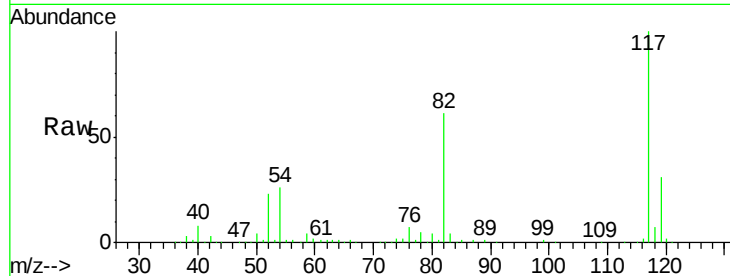




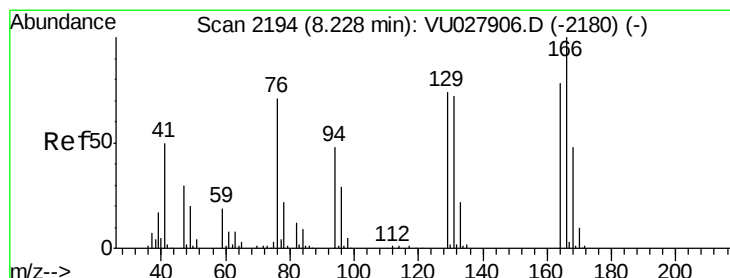
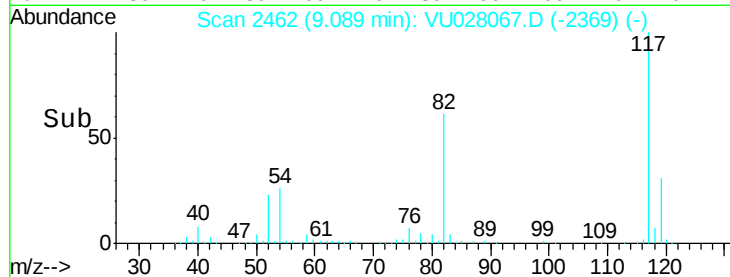
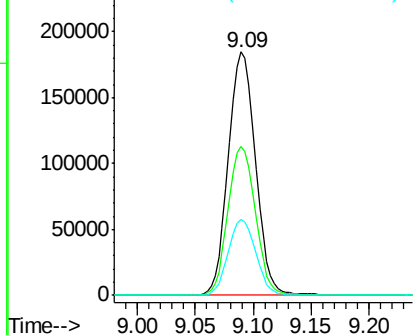
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028067.D
Acq: 12 Nov 2018 16:09

Instrument :
MSVOA_U
ClientSampleId :
MW-4DL

Tgt Ion:117 Resp: 300503
Ion Ratio Lower Upper
117 100
82 61.4 48.6 73.0
119 31.0 25.8 38.8



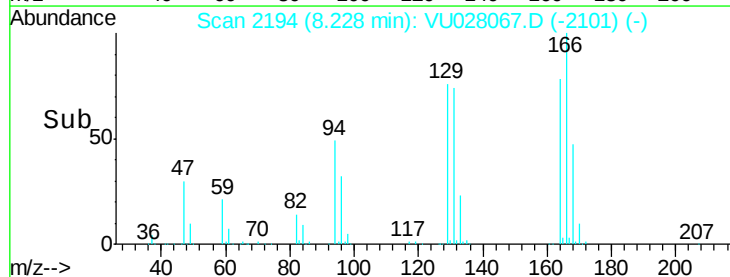
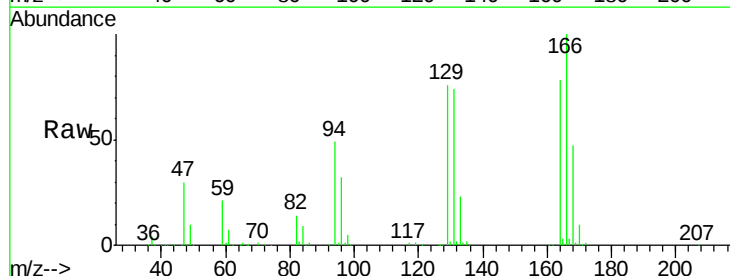
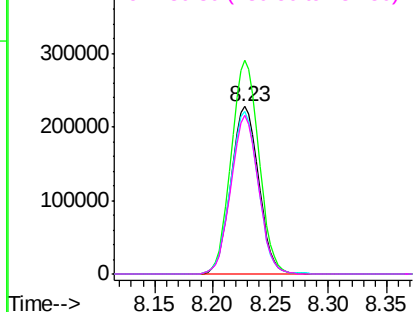
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

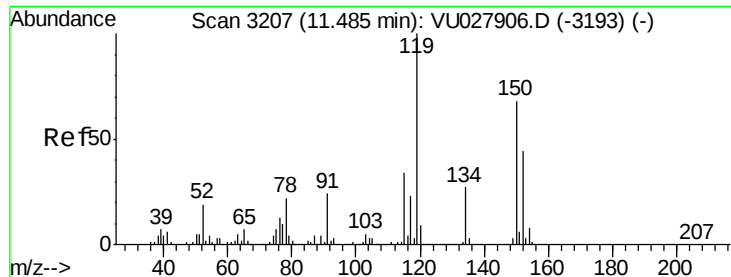


#64
Tetrachloroethene
Concen: 192.292 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU028067.D
Acq: 12 Nov 2018 16:09

Tgt Ion:164 Resp: 374689
Ion Ratio Lower Upper
164 100
166 127.5 102.1 153.1
129 96.9 75.9 113.9
131 94.7 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: VU028067.D

Acq: 12 Nov 2018 16:09

Instrument :

MSVOA_U

ClientSampleId :

MW-4DL

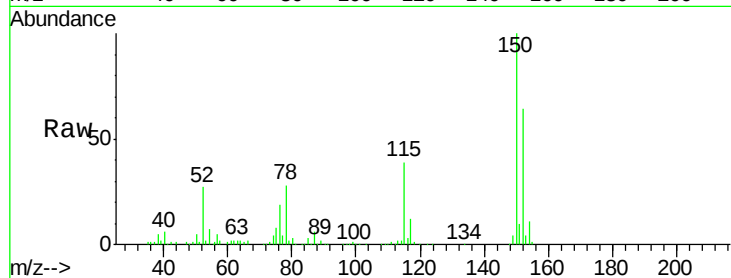
Tgt Ion:152 Resp: 113874

Ion Ratio Lower Upper

152 100

115 60.8 43.0 129.0

150 155.8 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

