

Data File : VU027077.D
Acq On : 23 Sep 2018 17:14
Operator : MD/SY
Sample : J4980-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 119 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BP-FW-MW03-20180916

Quant Time: Sep 24 07:15:37 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	90459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	152584	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	148427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	67313	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	95012	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
35) Dibromofluoromethane	4.89	113	65960	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
50) Toluene-d8	7.57	98	247467	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
62) 4-Bromofluorobenzene	10.31	95	81396	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	

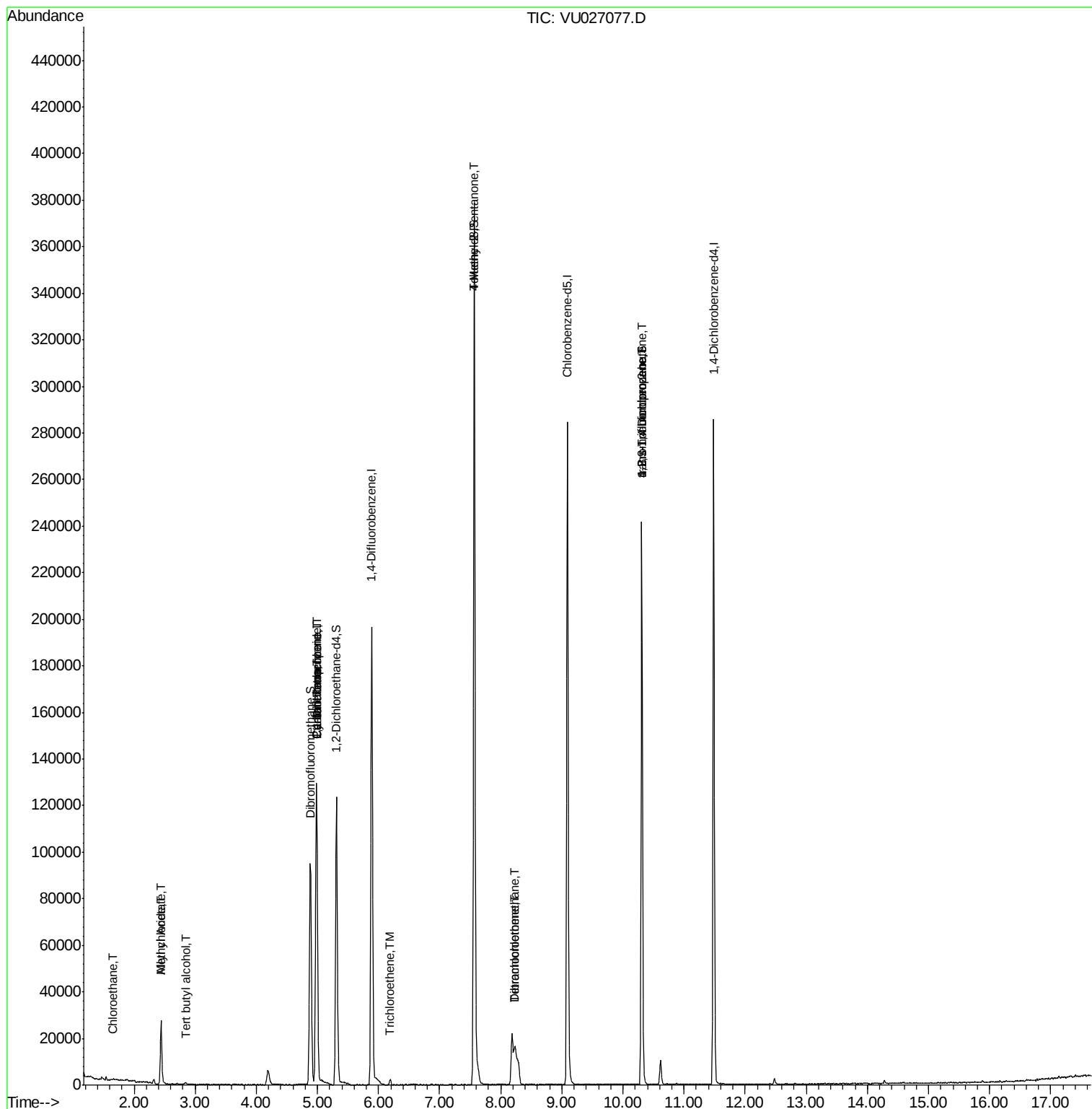
Target Compounds			Qvalue			
6) Chloroethane	1.65	64	338	0.278	ug/l #	43
11) Tert butyl alcohol	2.84	59	590	1.414	ug/l #	72
14) Allyl chloride	2.44	41	2770	1.093	ug/l #	73
16) Acetone	2.32	43	2457	Below Cal	#	83
18) Methyl Acetate	2.44	43	6491	2.505	ug/l #	55
31) Cyclohexane	4.99	56	2386	0.308	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	8832	4.337	ug/l #	49
38) Carbon Tetrachloride	4.99	117	9713	5.012	ug/l #	18
44) Trichloroethene	6.19	130	872	0.662	ug/l	93
51) 4-Methyl-2-Pentanone	7.56	43	1189	0.440	ug/l #	1
60) Dibromochloromethane	8.23	129	773	0.524	ug/l #	11
64) Tetrachloroethene	8.23	164	1016	0.888	ug/l #	87
76) 1,2,3-Trichloropropane	10.31	75	43062	21.058	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	43062	67.388	ug/l #	100

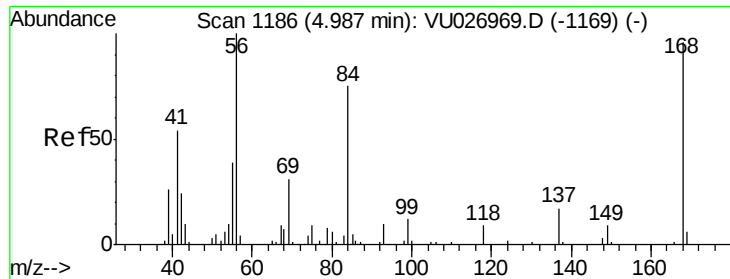
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU027077.D
Acq On : 23 Sep 2018 17:14
Operator : MD/SY
Sample : J4980-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 119 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BP-FW-MW03-20180916

Quant Time: Sep 24 07:15:37 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

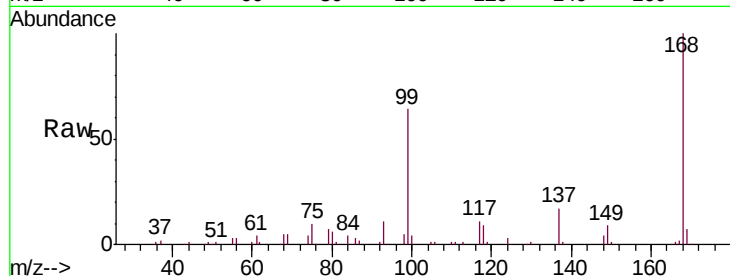




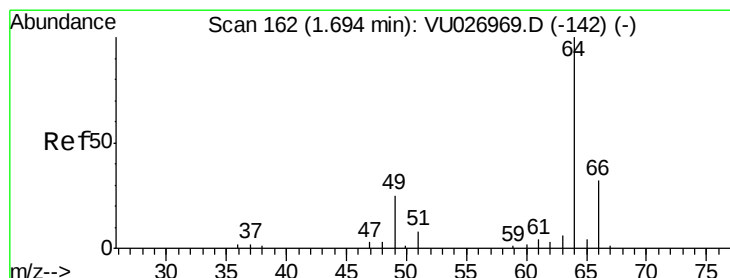
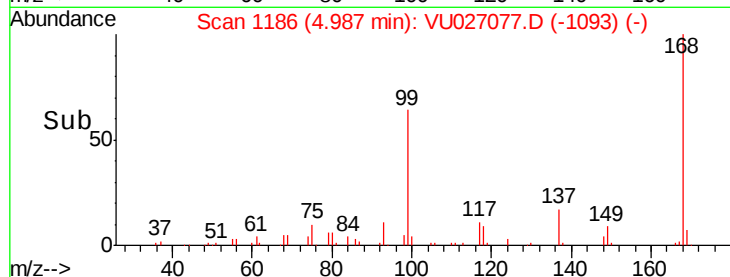
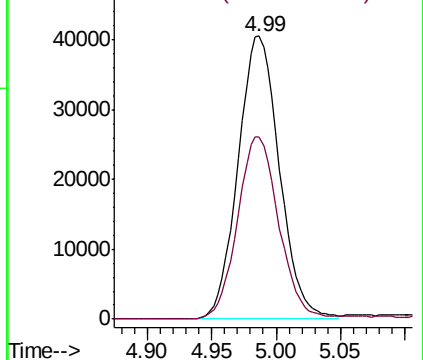
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU027077.D
Acq: 23 Sep 2018 17:14

Instrument :
MSVOA_U
ClientSampleId :
BP-FW-MW03-20180916

Tgt Ion: 168 Resp: 90459
Ion Ratio Lower Upper
168 100
99 64.4 48.1 72.1

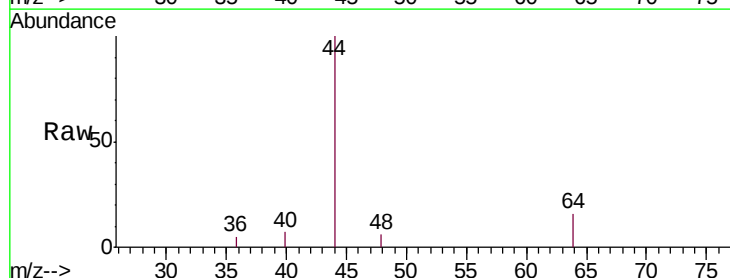


Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)
Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

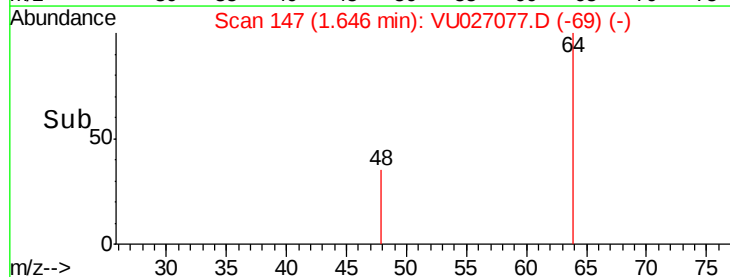
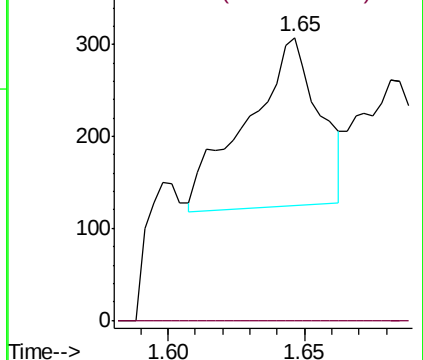


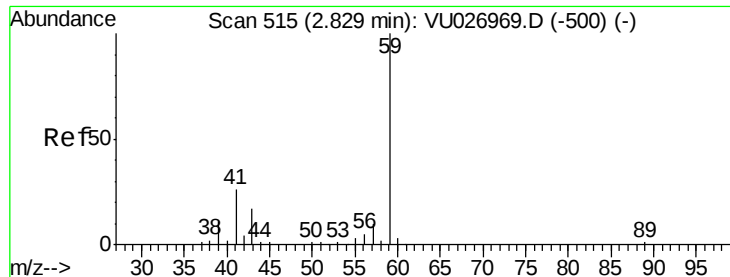
#6
Chloroethane
Concen: 0.278 ug/l
RT: 1.65 min Scan# 147
Delta R.T. -0.05 min
Lab File: VU027077.D
Acq: 23 Sep 2018 17:14

Tgt Ion: 64 Resp: 338
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VU026969.D (-142) (-)
Ion 65.90 (65.60 to 66.60): VU026969.D (-142) (-)

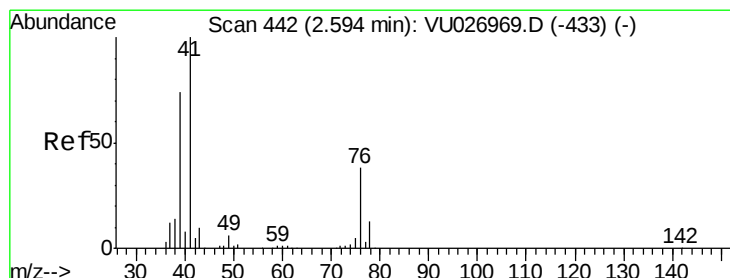
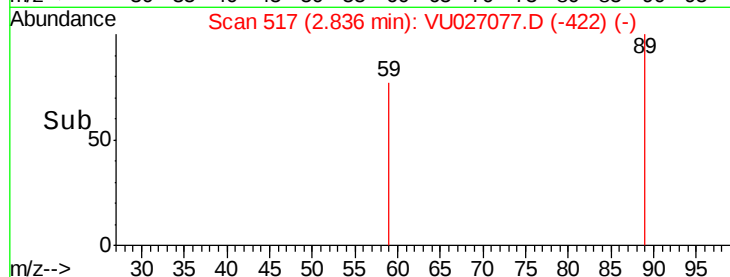
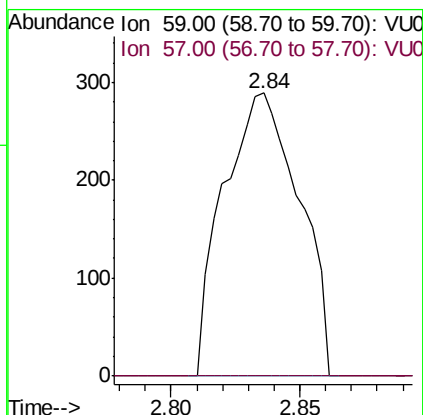
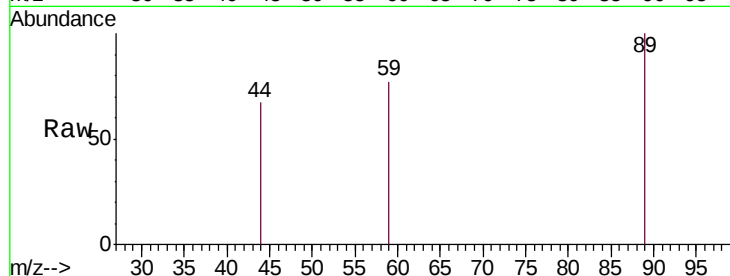




#11
Tert butyl alcohol
Concen: 1.414 ug/l
RT: 2.84 min Scan# 517
Delta R.T. 0.01 min
Lab File: VU027077.D
Acq: 23 Sep 2018 17:14

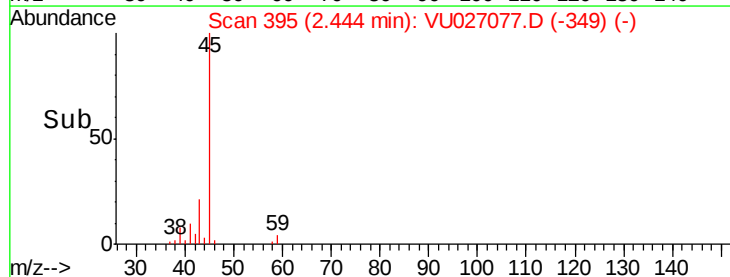
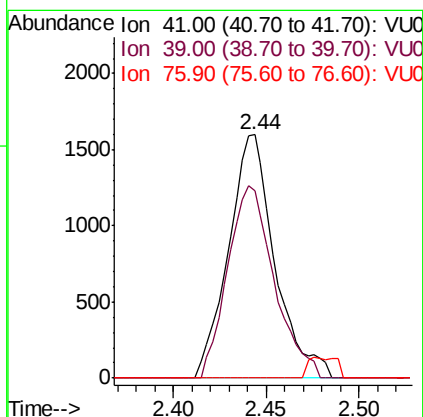
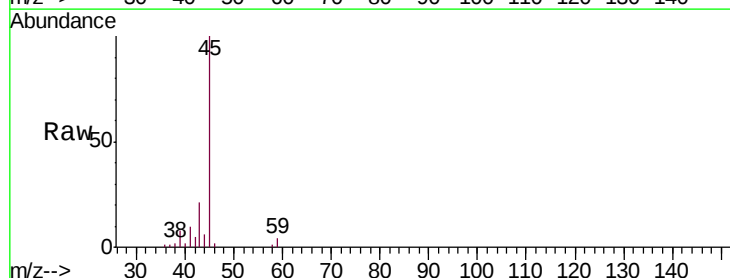
Instrument :
MSVOA_U
ClientSampleId :
BP-FW-MW03-20180916

Tgt Ion: 59 Resp: 590
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#14
Allyl chloride
Concen: 1.093 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.15 min
Lab File: VU027077.D
Acq: 23 Sep 2018 17:14

Tgt Ion: 41 Resp: 2770
Ion Ratio Lower Upper
41 100
39 79.2 55.7 83.5
76 0.0 26.5 39.7#





#16

Acetone

Concen: Below Cal

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027077.D

Acq: 23 Sep 2018 17:14

Instrument :

MSVOA_U

ClientSampleId :

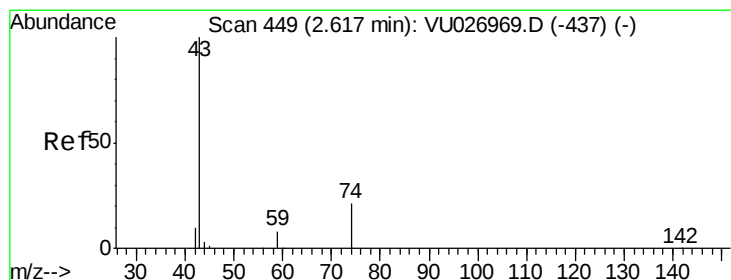
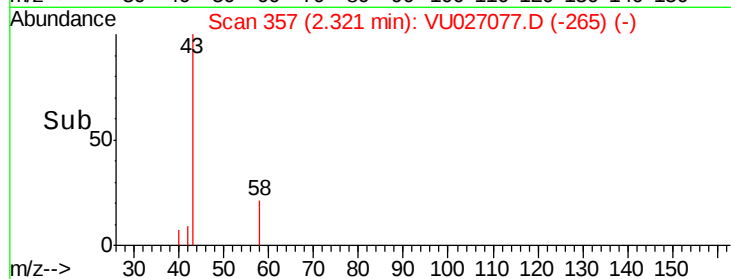
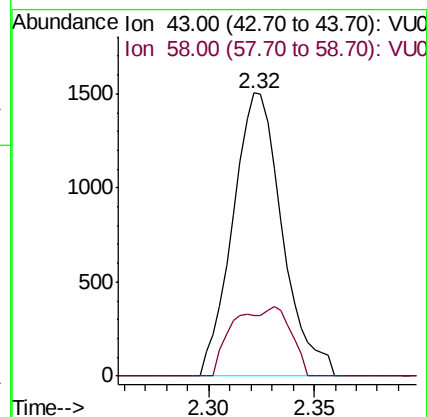
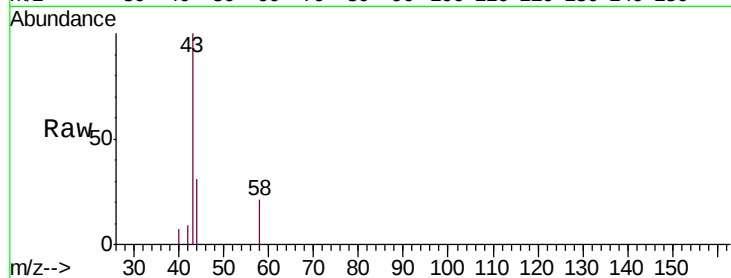
BP-FW-MW03-20180916

Tgt Ion: 43 Resp: 2457

Ion Ratio Lower Upper

43 100

58 21.5 24.6 36.8#



#18

Methyl Acetate

Concen: 2.505 ug/l

RT: 2.44 min Scan# 394

Delta R.T. -0.18 min

Lab File: VU027077.D

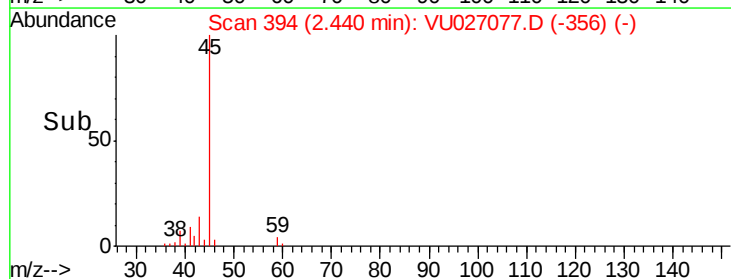
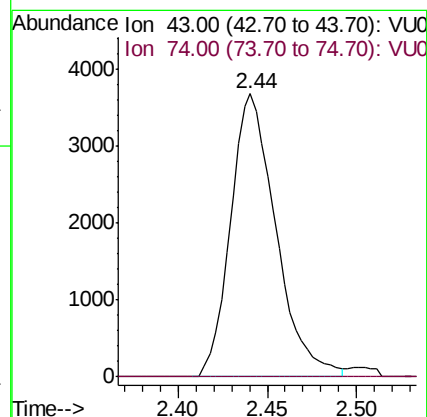
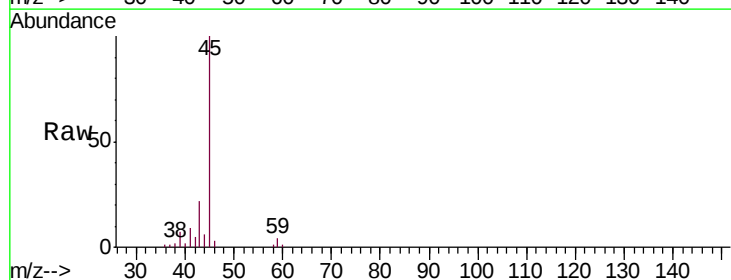
Acq: 23 Sep 2018 17:14

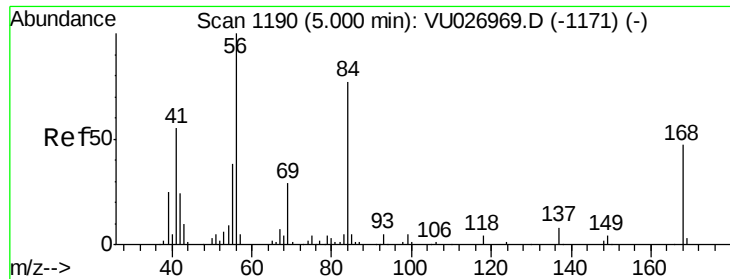
Tgt Ion: 43 Resp: 6491

Ion Ratio Lower Upper

43 100

74 0.0 16.6 25.0#

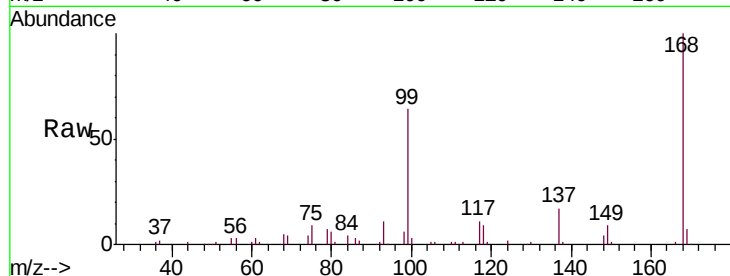




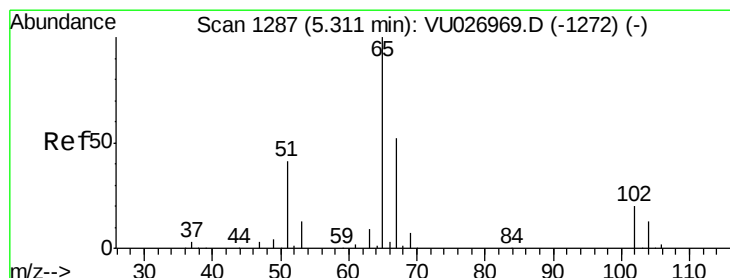
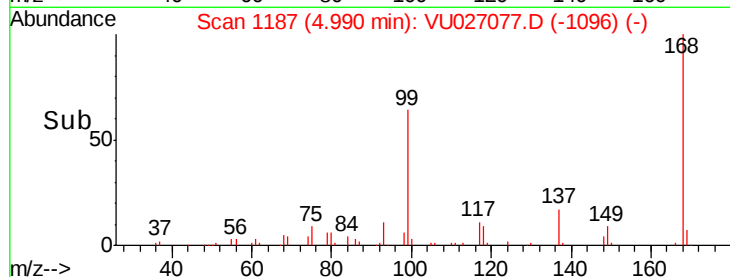
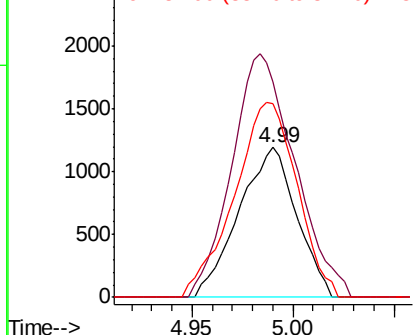
#31
Cyclohexane
Concen: 0.308 ug/l
RT: 4.99 min Scan# 1187
Delta R.T. -0.01 min
Lab File: VU027077.D
Acq: 23 Sep 2018 17:14

Instrument :
MSVOA_U
ClientSampleId :
BP-FW-MW03-20180916

Tgt Ion: 56 Resp: 2386
Ion Ratio Lower Upper
56 100
69 143.8 23.0 34.4#
84 128.9 61.4 92.2#

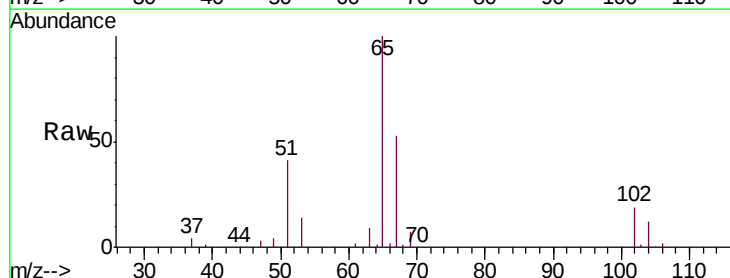


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

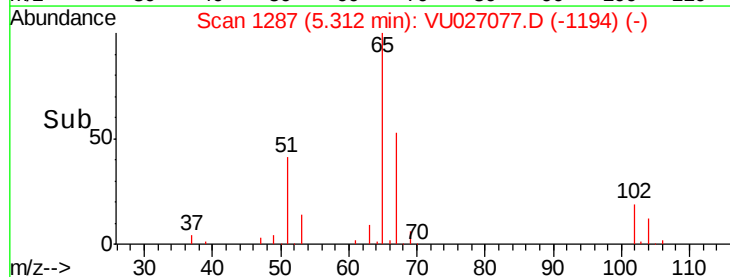
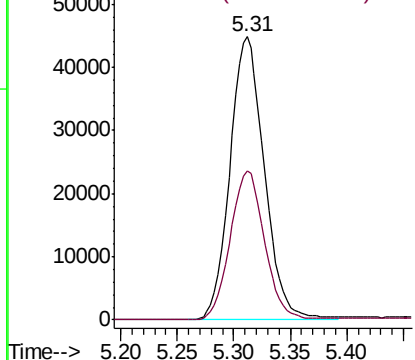


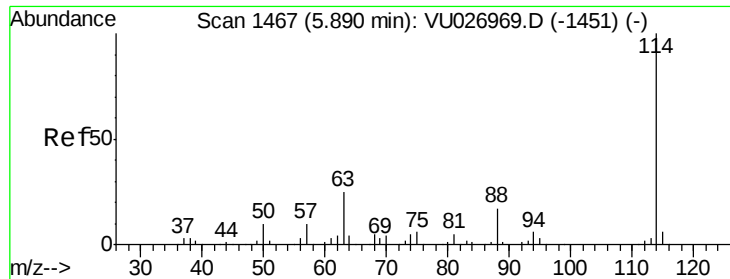
#33
1,2-Dichloroethane-d4
Concen: 52.186 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027077.D
Acq: 23 Sep 2018 17:14

Tgt Ion: 65 Resp: 95012
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

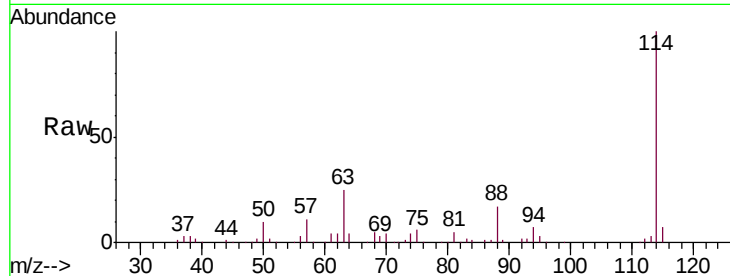




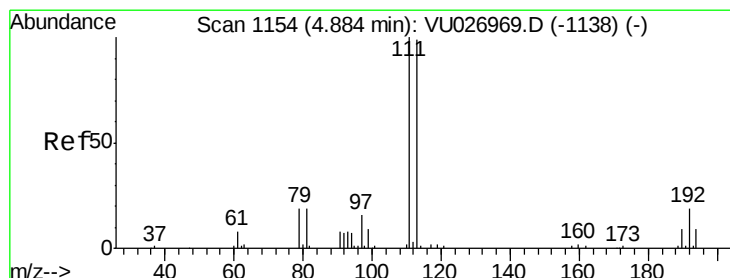
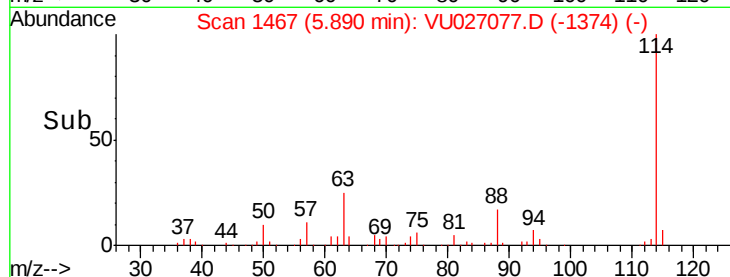
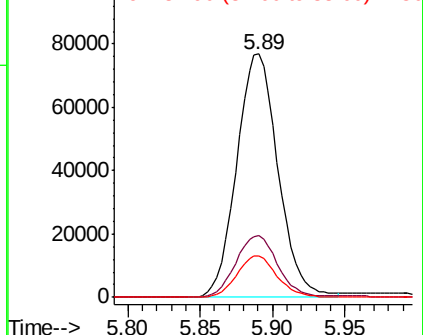
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027077.D
 Acq: 23 Sep 2018 17:14

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-FW-MW03-20180916

Tgt Ion:114 Resp: 152584
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 49.2
 88 17.1 0.0 33.8

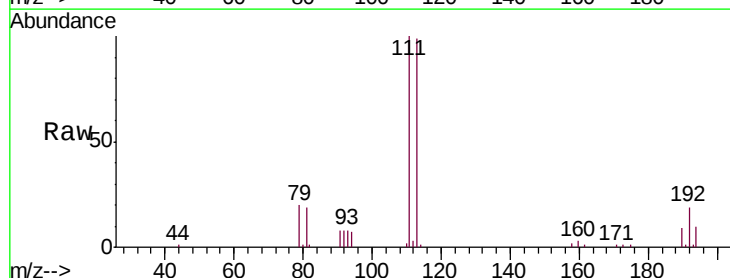


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

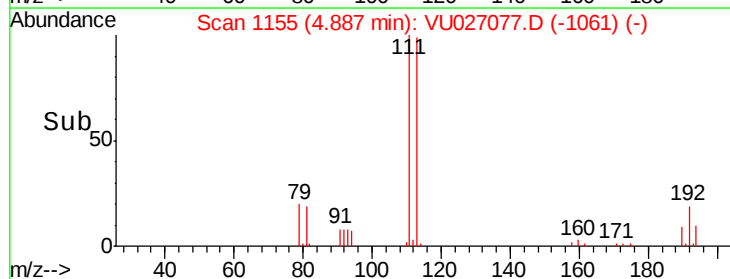
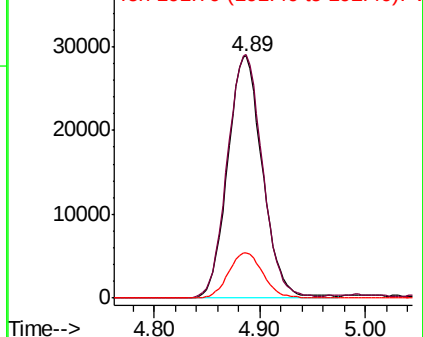


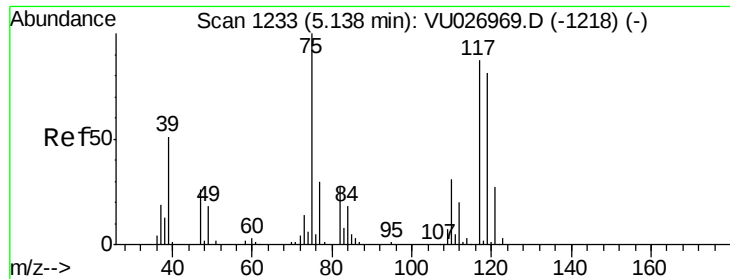
#35
 Dibromofluoromethane
 Concen: 49.871 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027077.D
 Acq: 23 Sep 2018 17:14

Tgt Ion:113 Resp: 65960
 Ion Ratio Lower Upper
 113 100
 111 101.7 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

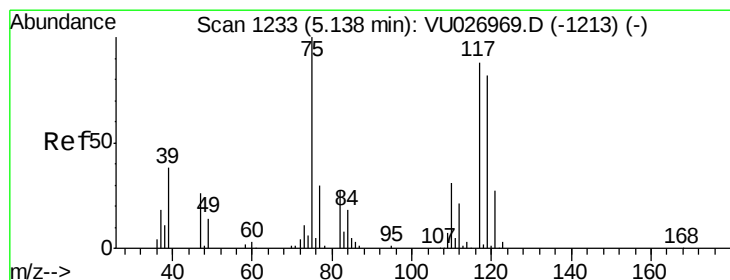
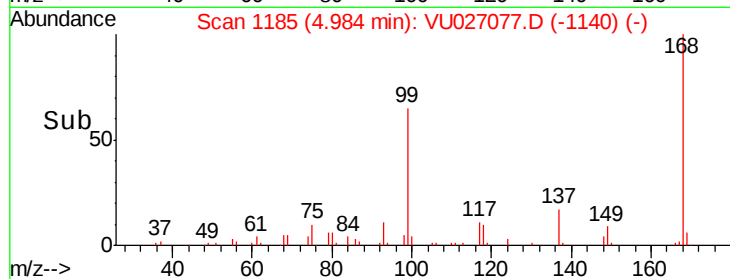
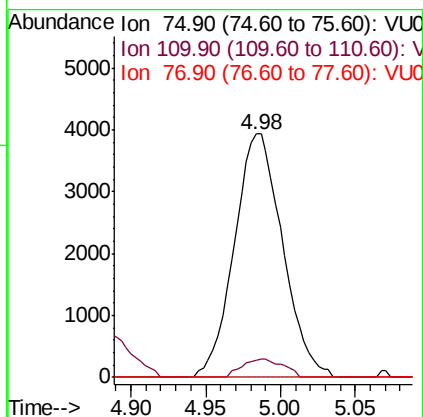
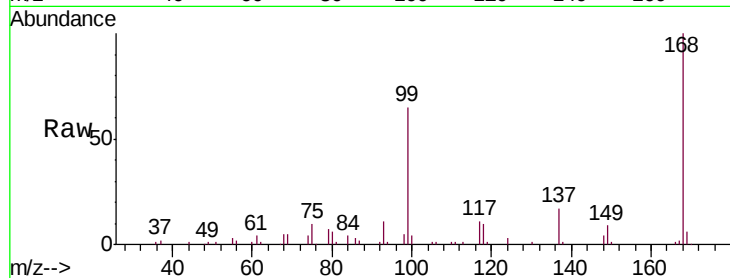




#36
 1,1-Dichloropropene
 Concen: 4.337 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027077.D
 Acq: 23 Sep 2018 17:14

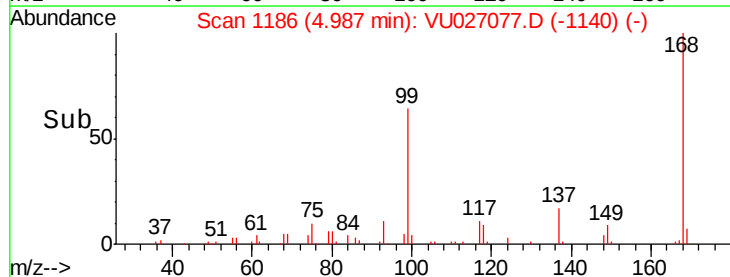
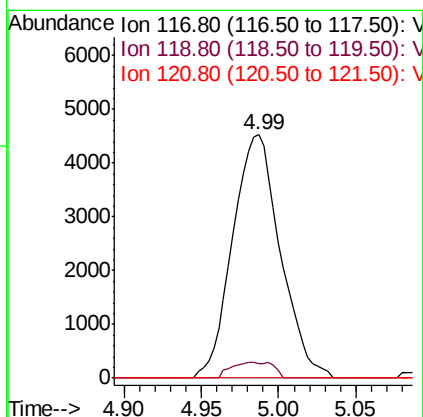
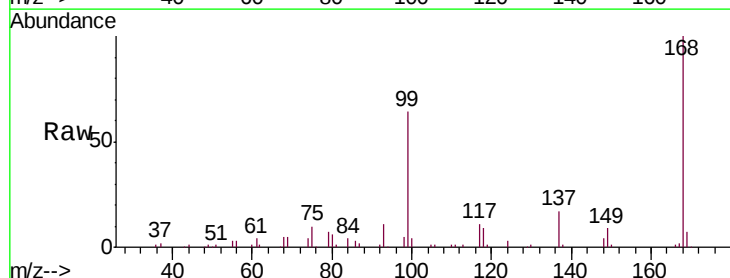
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-FW-MW03-20180916

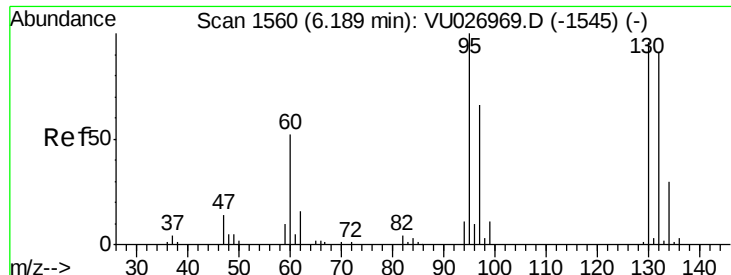
Tgt Ion: 75 Resp: 8832
 Ion Ratio Lower Upper
 75 100
 110 6.4 16.1 48.2#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 5.012 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027077.D
 Acq: 23 Sep 2018 17:14

Tgt Ion: 117 Resp: 9713
 Ion Ratio Lower Upper
 117 100
 119 6.1 74.4 111.6#
 121 0.0 24.2 36.4#





#44

Trichloroethene

Concen: 0.662 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027077.D

Acq: 23 Sep 2018 17:14

Instrument :

MSVOA_U

ClientSampleId :

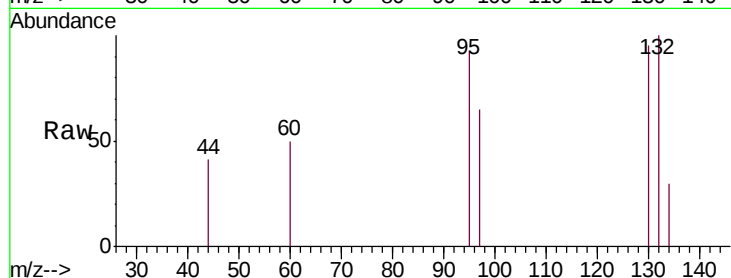
BP-FW-MW03-20180916

Tgt Ion:130 Resp: 872

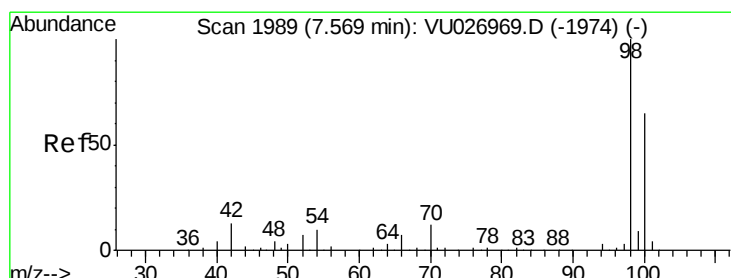
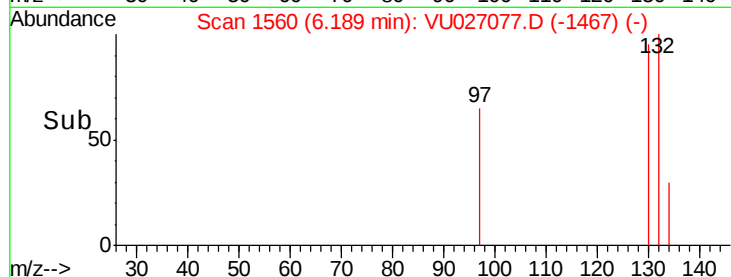
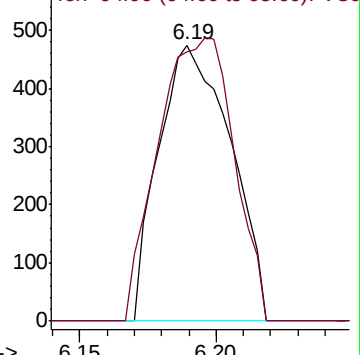
Ion Ratio Lower Upper

130 100

95 97.7 0.0 208.8



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



#50

Toluene-d8

Concen: 49.096 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027077.D

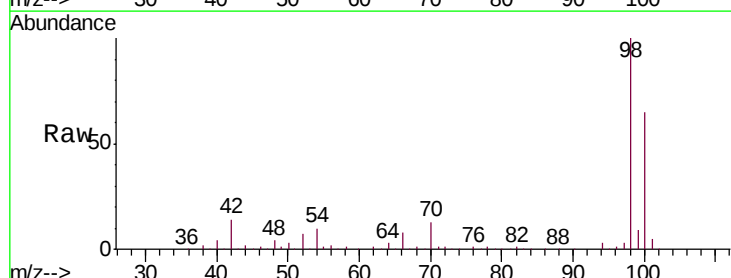
Acq: 23 Sep 2018 17:14

Tgt Ion: 98 Resp: 247467

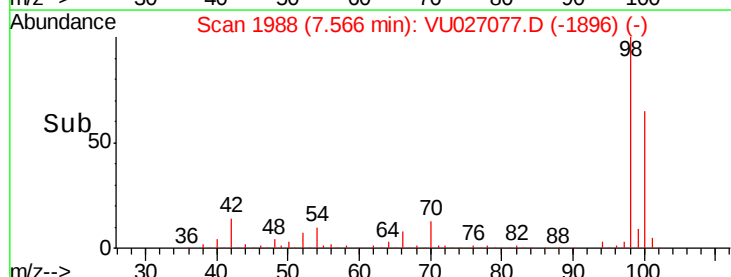
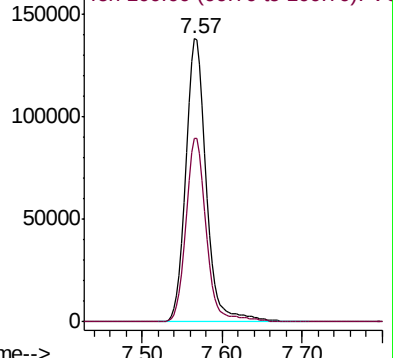
Ion Ratio Lower Upper

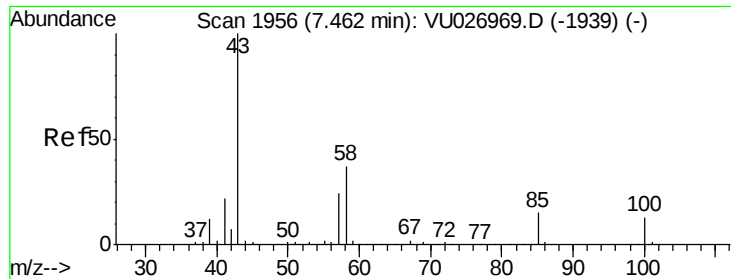
98 100

100 64.5 52.1 78.1



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

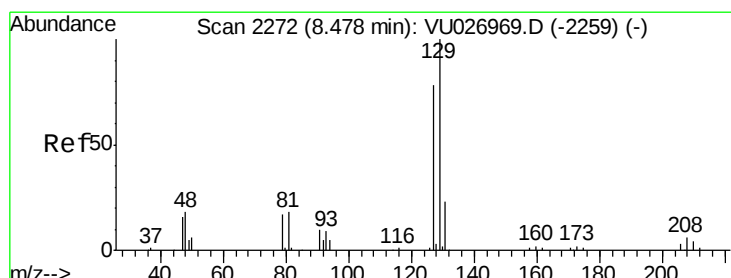
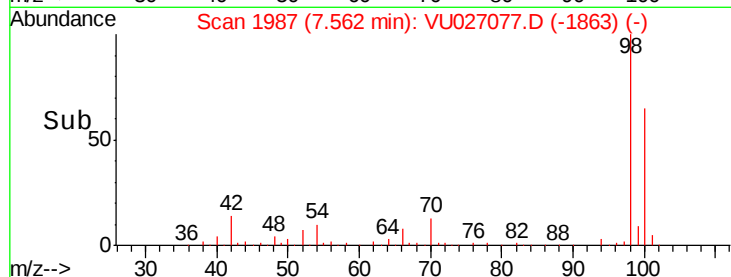
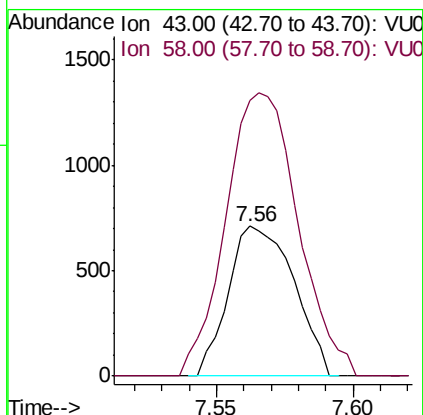
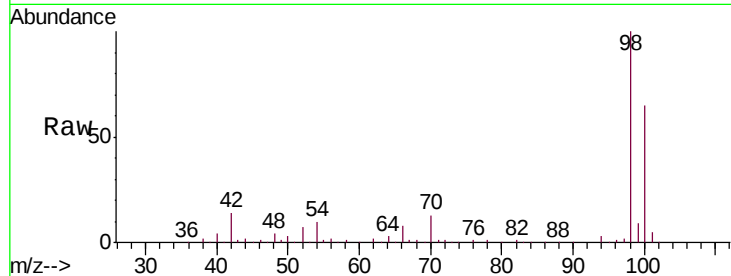




#51
 4-Methyl-2-Pentanone
 Concen: 0.440 ug/l
 RT: 7.56 min Scan# 1987
 Delta R.T. 0.10 min
 Lab File: VU027077.D
 Acq: 23 Sep 2018 17:14

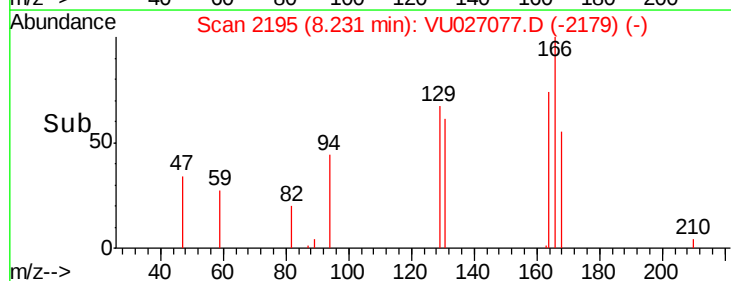
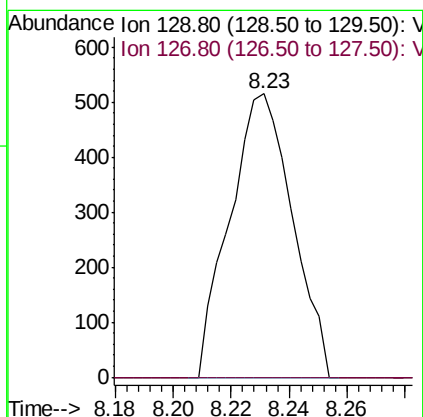
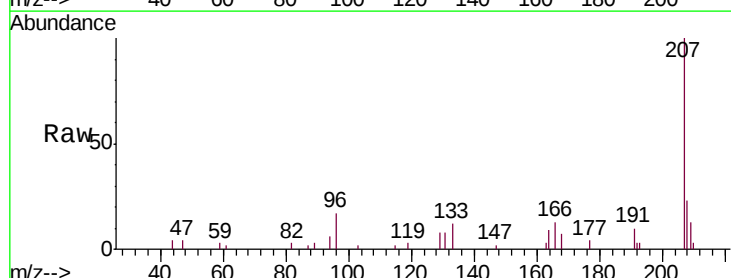
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-FW-MW03-20180916

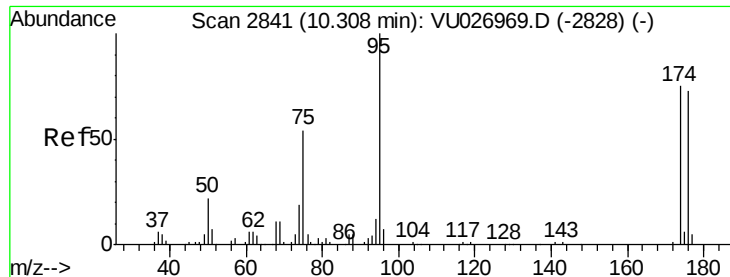
Tgt Ion: 43 Resp: 1189
 Ion Ratio Lower Upper
 43 100
 58 207.8 29.8 44.6#



#60
 Dibromochloromethane
 Concen: 0.524 ug/l
 RT: 8.23 min Scan# 2195
 Delta R.T. -0.25 min
 Lab File: VU027077.D
 Acq: 23 Sep 2018 17:14

Tgt Ion: 129 Resp: 773
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.1 114.5#

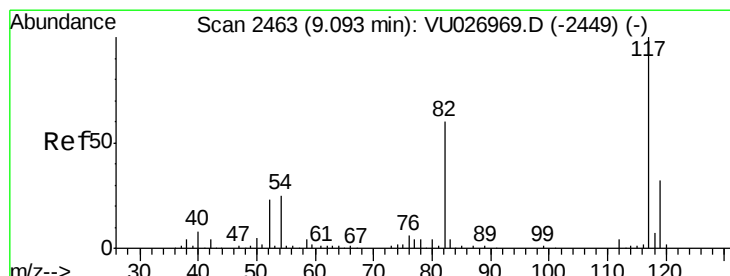
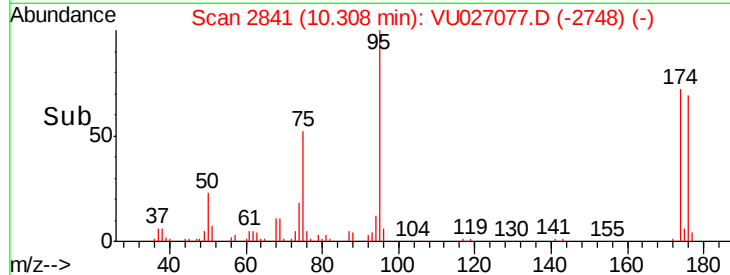
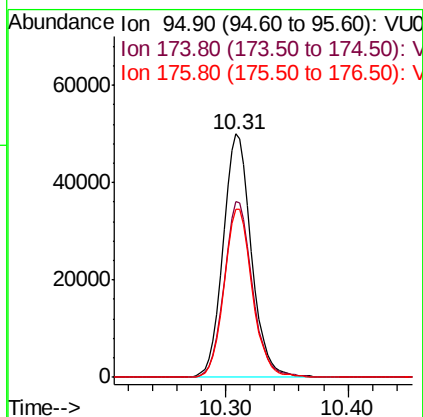
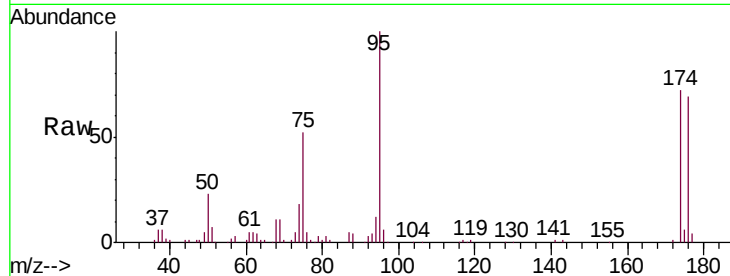




#62
4-Bromofluorobenzene
Concen: 47.062 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027077.D
Acq: 23 Sep 2018 17:14

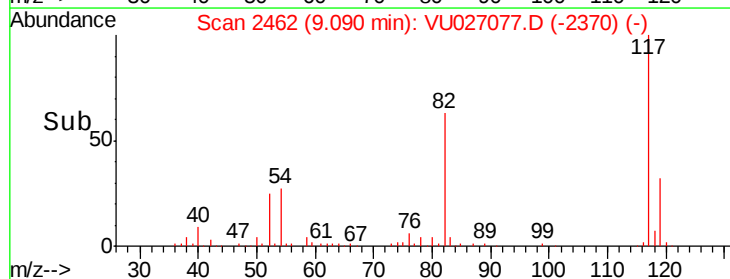
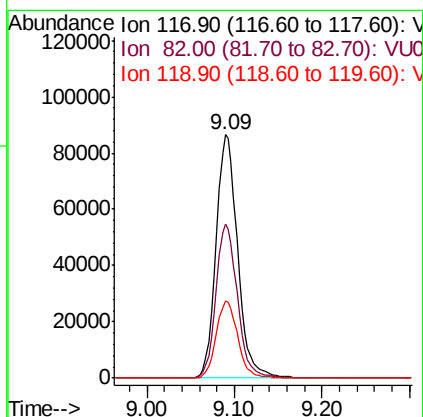
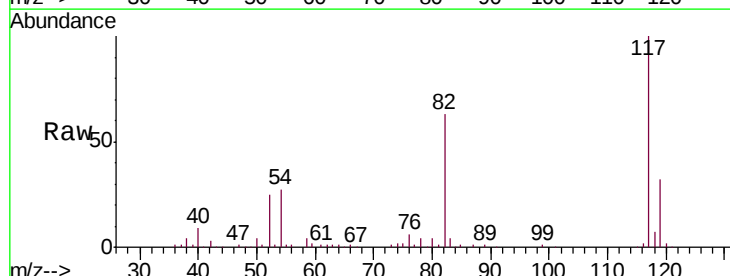
Instrument :
MSVOA_U
ClientSampleId :
BP-FW-MW03-20180916

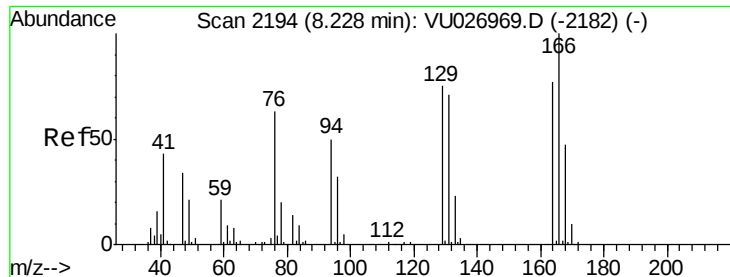
Tgt Ion: 95 Resp: 81396
Ion Ratio Lower Upper
95 100
174 72.2 0.0 150.2
176 69.1 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027077.D
Acq: 23 Sep 2018 17:14

Tgt Ion: 117 Resp: 148427
Ion Ratio Lower Upper
117 100
82 63.4 48.0 72.0
119 31.6 25.8 38.8





#64

Tetrachloroethene

Concen: 0.888 ug/l

RT: 8.23 min Scan# 2196

Delta R.T. 0.01 min

Lab File: VU027077.D

Acq: 23 Sep 2018 17:14

Instrument :

MSVOA_U

ClientSampleId :

BP-FW-MW03-20180916

Tgt Ion:164 Resp: 1016

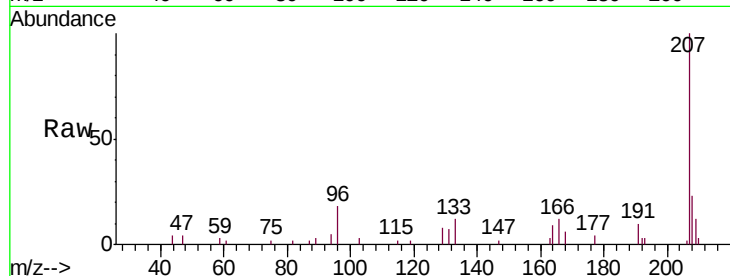
Ion Ratio Lower Upper

164 100

166 125.2 104.4 156.6

129 81.6 78.7 118.1

131 71.5 73.9 110.9#



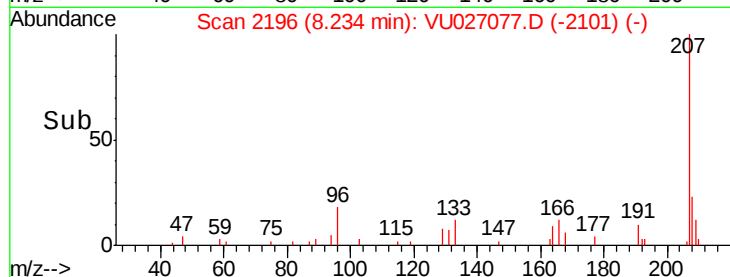
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

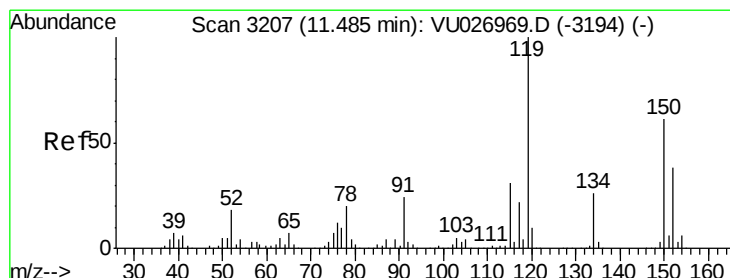
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027077.D

Acq: 23 Sep 2018 17:14

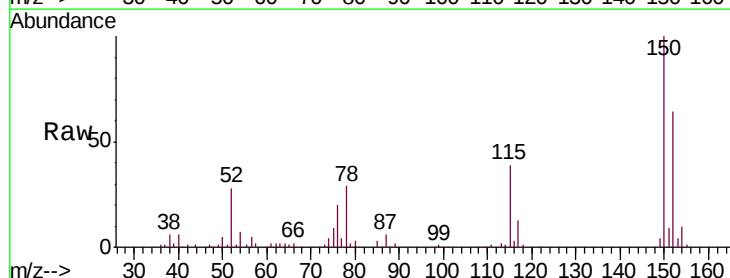
Tgt Ion:152 Resp: 67313

Ion Ratio Lower Upper

152 100

115 61.2 44.9 134.5

150 158.5 0.0 355.8

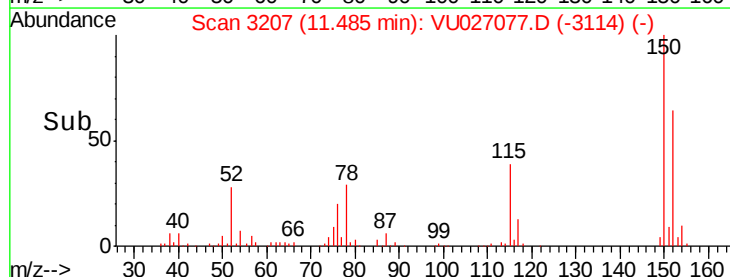


Abundance Ion 151.90 (151.60 to 152.60): V

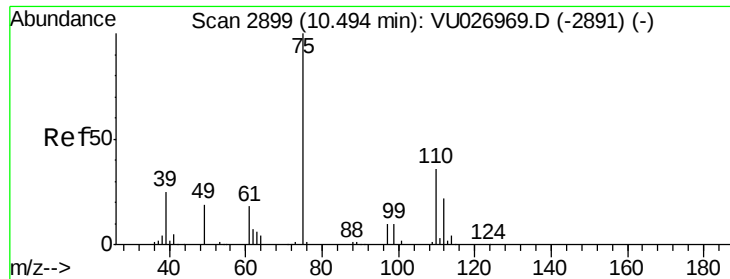
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

Time-->



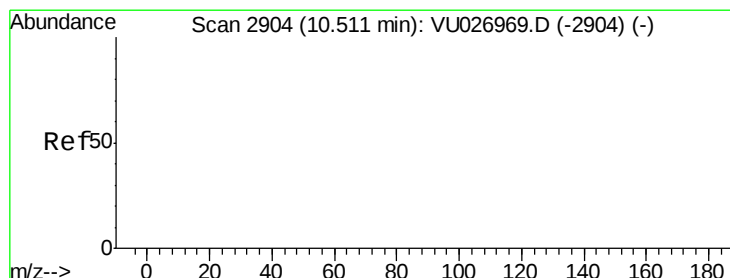
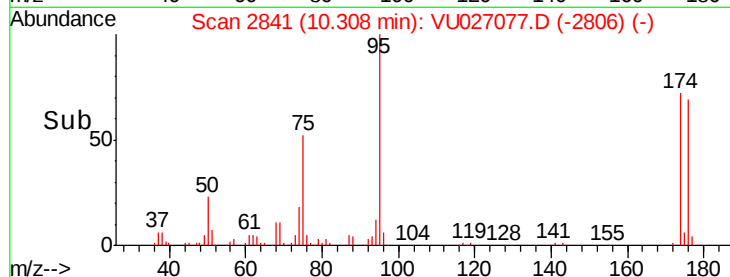
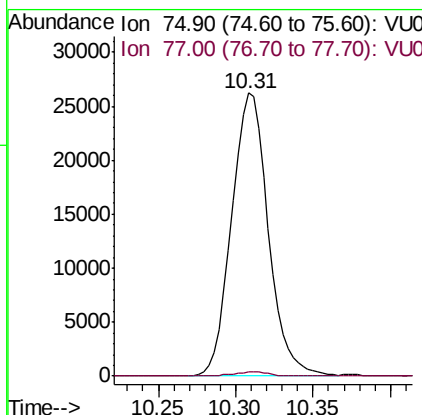
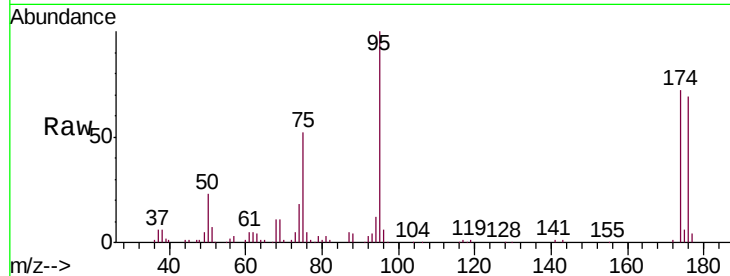
Time-->



#76
 1,2,3-Trichloropropane
 Concen: 21.058 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.19 min
 Lab File: VU027077.D
 Acq: 23 Sep 2018 17:14

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-FW-MW03-20180916

Tgt Ion: 75 Resp: 43062
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.9 62.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.388 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.21 min
 Lab File: VU027077.D
 Acq: 23 Sep 2018 17:14

Tgt Ion: 75 Resp: 43062
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

