

Data File : VU027048.D
Acq On : 23 Sep 2018 04:34
Operator : MD/SY
Sample : J4958-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 90 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BP-MH-SW4001-SOUTH-20180915

Quant Time: Sep 24 05:47:23 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	90913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	152824	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	147662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	68236	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	94074	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
35) Dibromofluoromethane	4.88	113	65481	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
50) Toluene-d8	7.57	98	246251	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
62) 4-Bromofluorobenzene	10.31	95	79560	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	

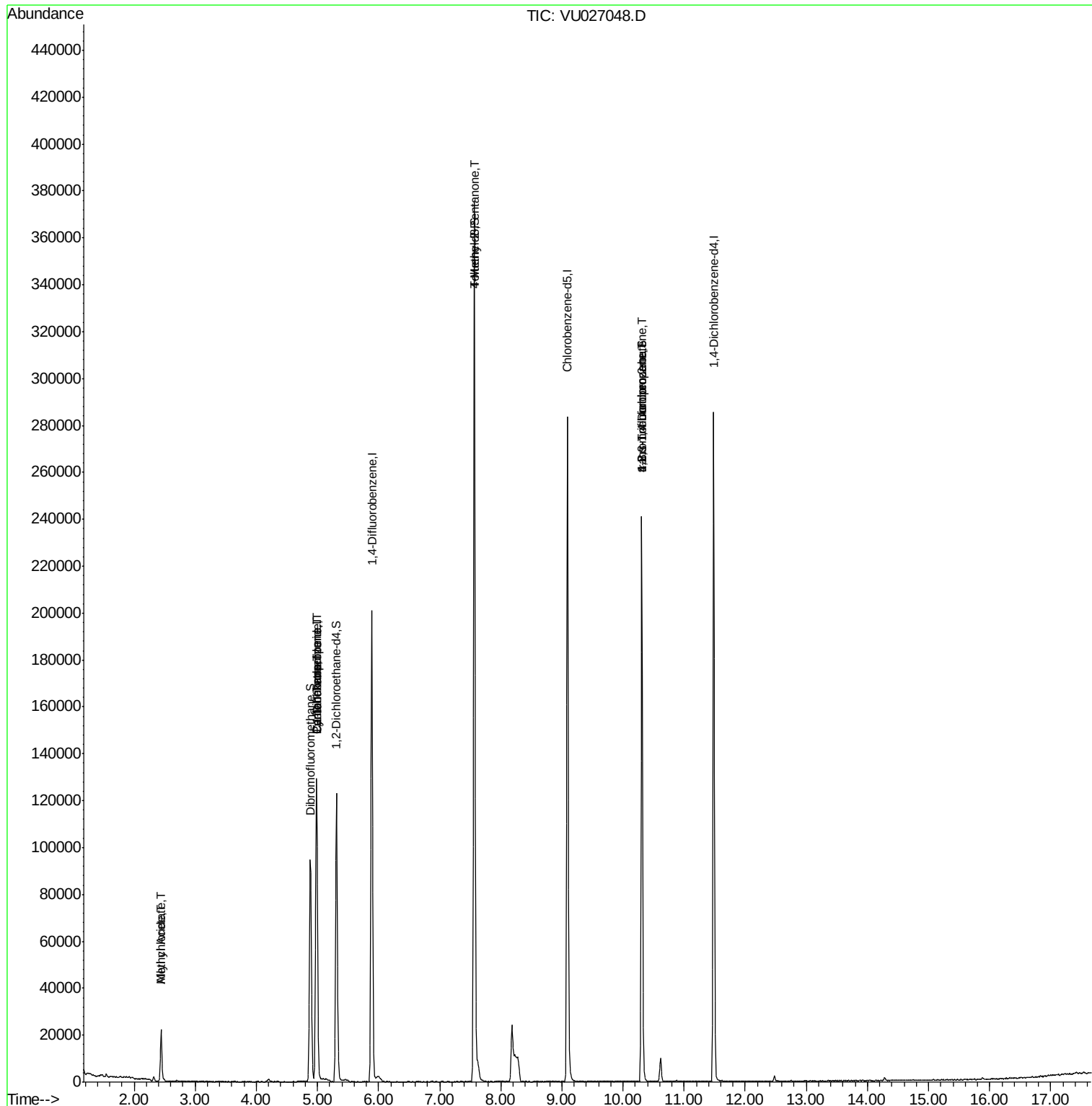
Target Compounds			Qvalue			
14) Allyl chloride	2.44	41	2176	0.854 ug/l #	64	
16) Acetone	2.32	43	2203	Below Cal	93	
18) Methyl Acetate	2.44	43	6019	2.311 ug/l #	55	
31) Cyclohexane	4.98	56	2297	0.270 ug/l #	1	
36) 1,1-Dichloropropene	4.99	75	8812	4.320 ug/l #	50	
38) Carbon Tetrachloride	4.98	117	9226	4.753 ug/l #	18	
51) 4-Methyl-2-Pentanone	7.57	43	1191	0.440 ug/l #	1	
76) 1,2,3-Trichloropropane	10.31	75	43264	20.870 ug/l #	35	
81) trans-1,4-Dichloro-2-buten	10.31	75	43264	66.789 ug/l #	100	

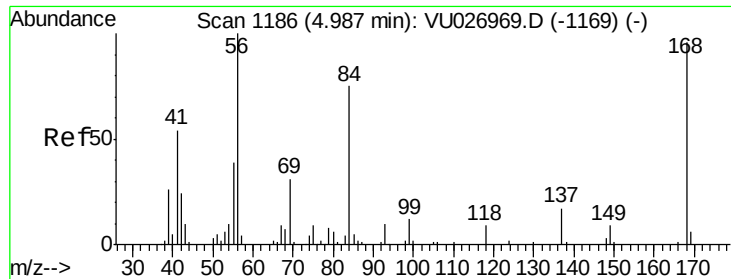
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

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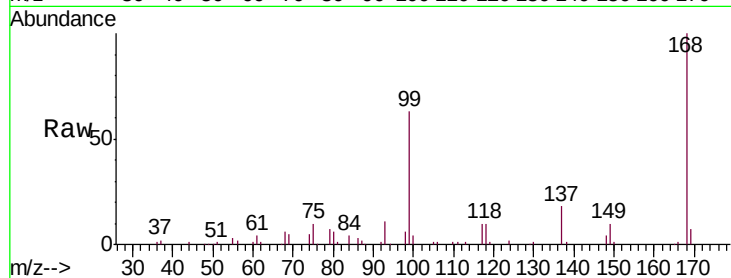
BP-MH-SW4001-SOUTH-20180915

Tgt Ion:168 Resp: 90913

Ion Ratio Lower Upper

168 100

99 62.9 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

40000

30000

20000

10000

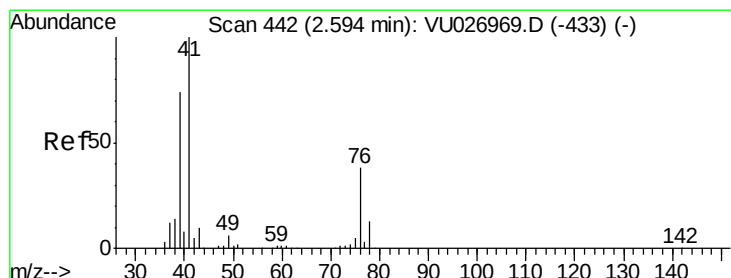
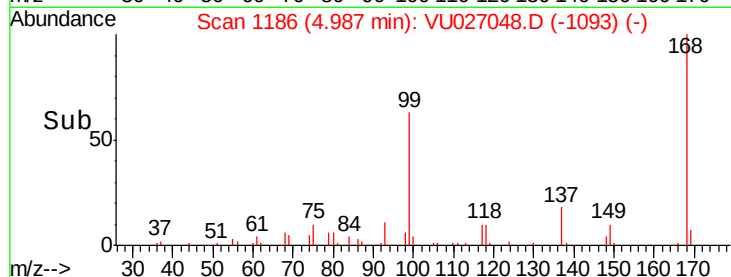
0

4.90

5.00

5.10

Time-->



#14

Allyl chloride

Concen: 0.854 ug/l

RT: 2.44 min Scan# 395

Delta R.T. -0.15 min

Lab File: VU027048.D

Acq: 23 Sep 2018 04:34

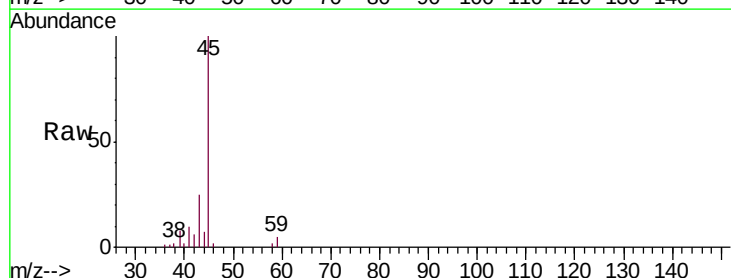
Tgt Ion: 41 Resp: 2176

Ion Ratio Lower Upper

41 100

39 89.8 55.7 83.5#

76 0.0 26.5 39.7#



Abundance Ion 41.00 (40.70 to 41.70): VU026969.D (-433) (-)

Ion 39.00 (38.70 to 39.70): VU026969.D (-433) (-)

Ion 75.90 (75.60 to 76.60): VU026969.D (-433) (-)

2.44

1500

1000

500

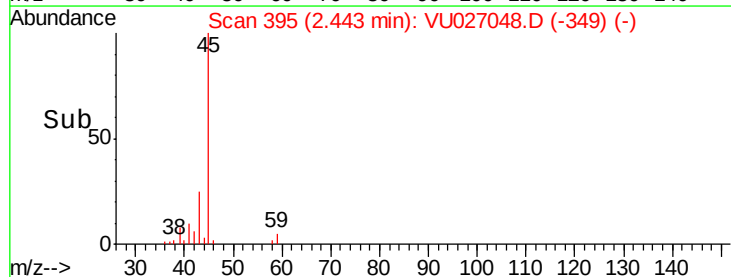
0

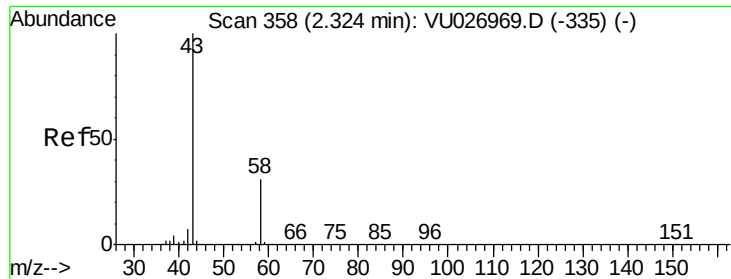
2.40

2.45

2.50

Time-->





#16

Acetone

Concen: Below Cal

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027048.D

Acq: 23 Sep 2018 04:34

Instrument :

MSVOA_U

ClientSampleId :

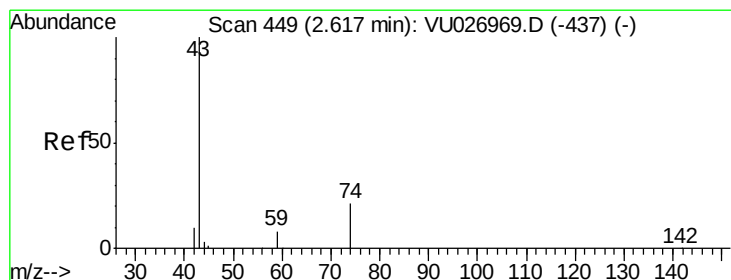
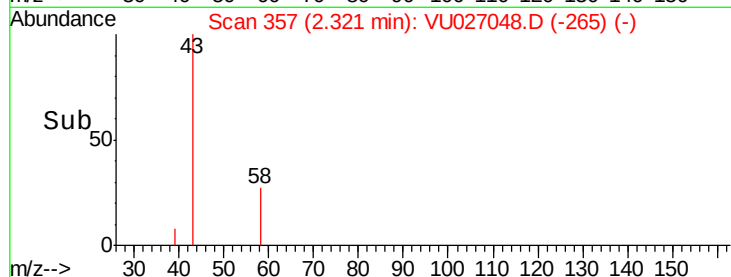
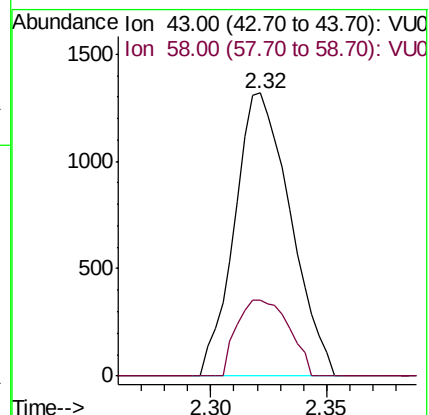
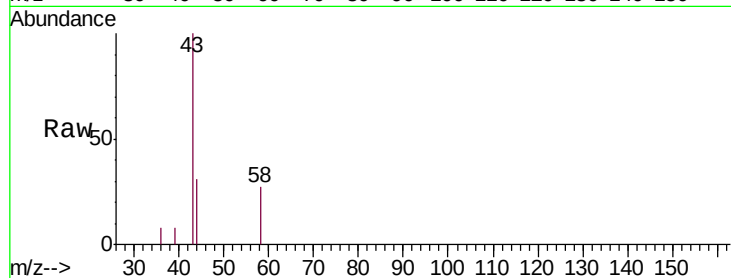
BP-MH-SW4001-SOUTH-20180915

Tgt Ion: 43 Resp: 2203

Ion Ratio Lower Upper

43 100

58 26.7 24.6 36.8



#18

Methyl Acetate

Concen: 2.311 ug/l

RT: 2.44 min Scan# 395

Delta R.T. -0.17 min

Lab File: VU027048.D

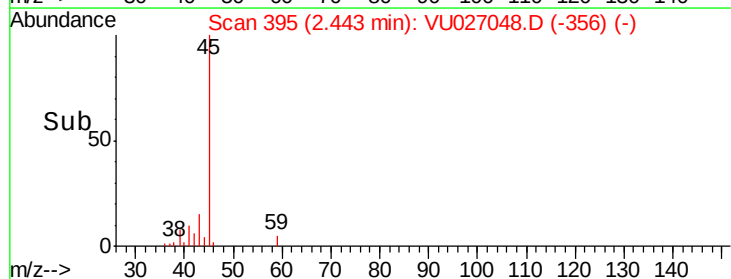
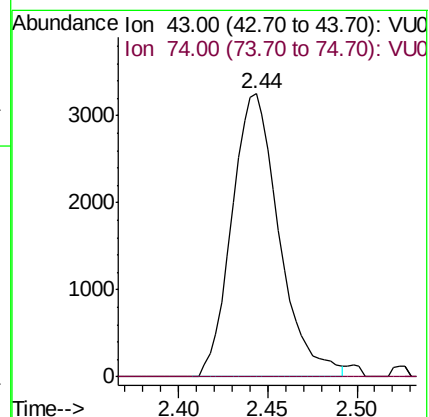
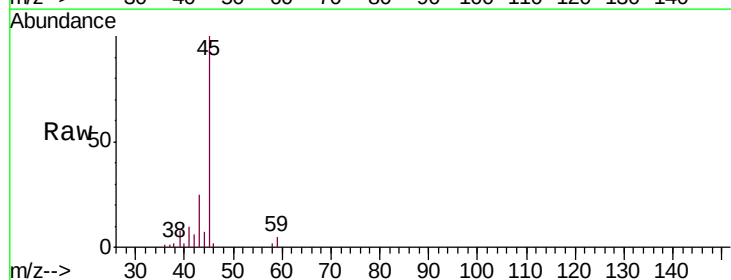
Acq: 23 Sep 2018 04:34

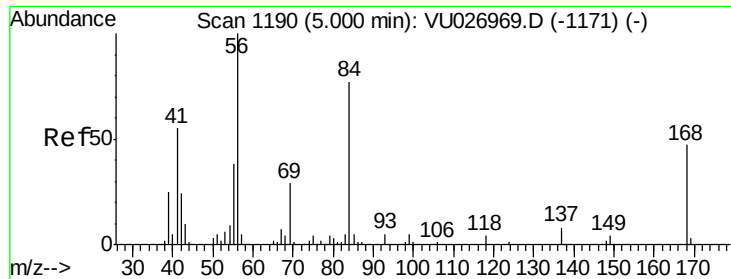
Tgt Ion: 43 Resp: 6019

Ion Ratio Lower Upper

43 100

74 0.0 16.6 25.0#

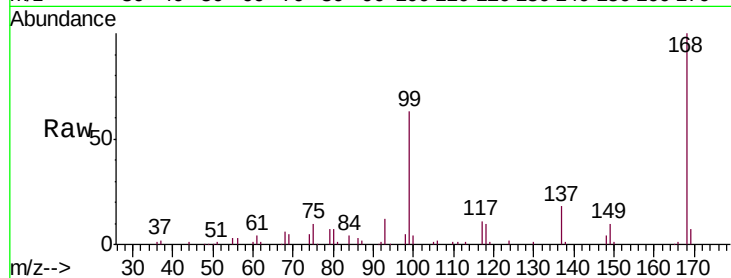




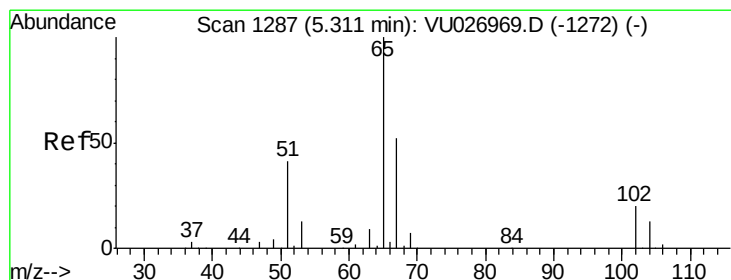
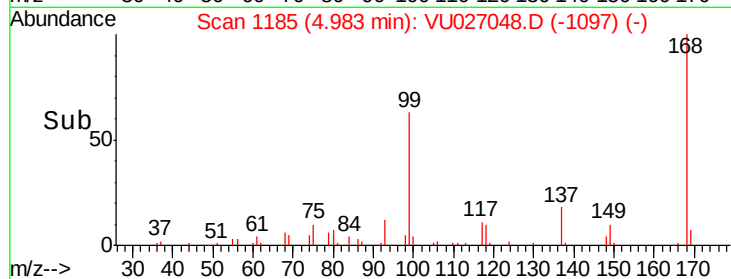
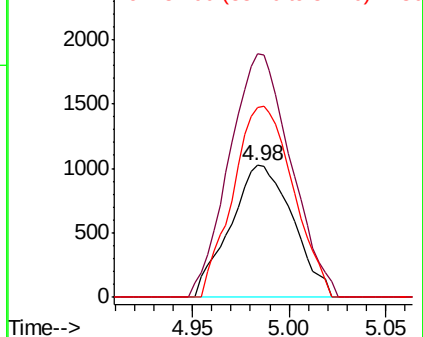
#31
Cyclohexane
Concen: 0.270 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.02 min
Lab File: VU027048.D
Acq: 23 Sep 2018 04:34

Instrument :
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ClientSampleId :
BP-MH-SW4001-SOUTH-20180915

Tgt Ion: 56 Resp: 2297
Ion Ratio Lower Upper
56 100
69 184.7 23.0 34.4#
84 143.7 61.4 92.2#

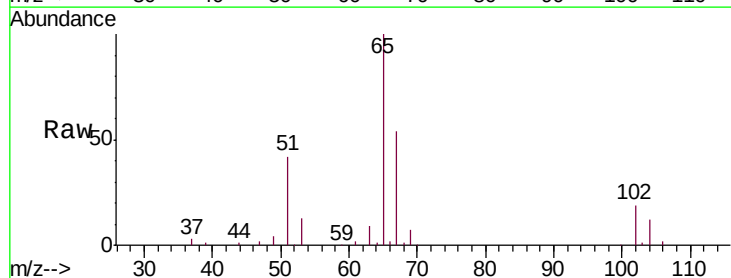


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

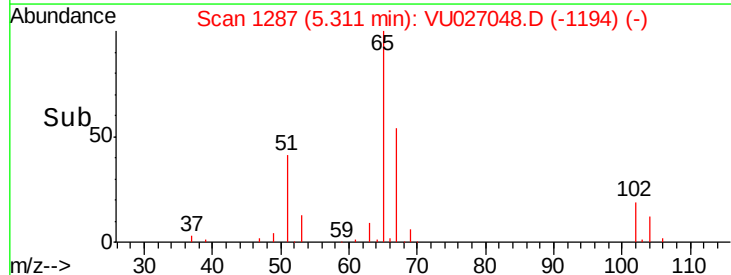
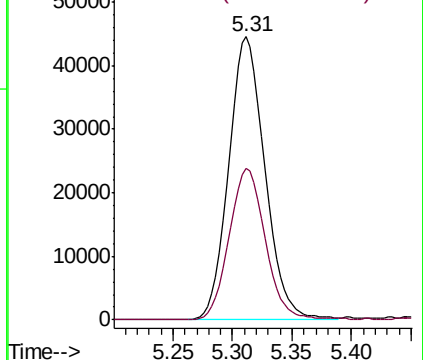


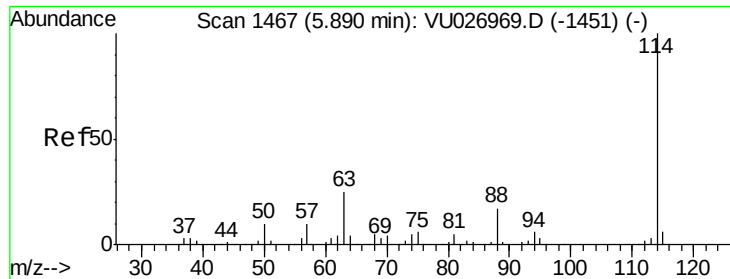
#33
1,2-Dichloroethane-d4
Concen: 51.413 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027048.D
Acq: 23 Sep 2018 04:34

Tgt Ion: 65 Resp: 94074
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.6



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

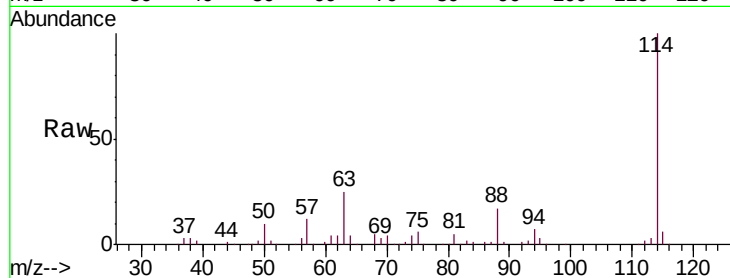




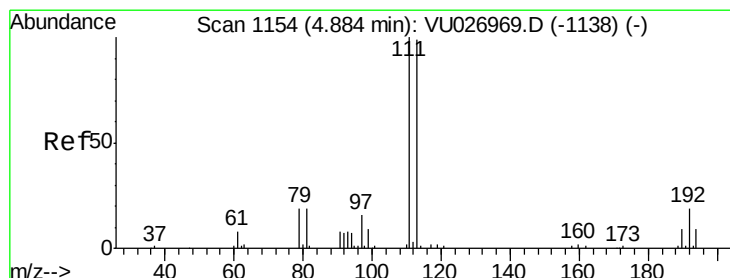
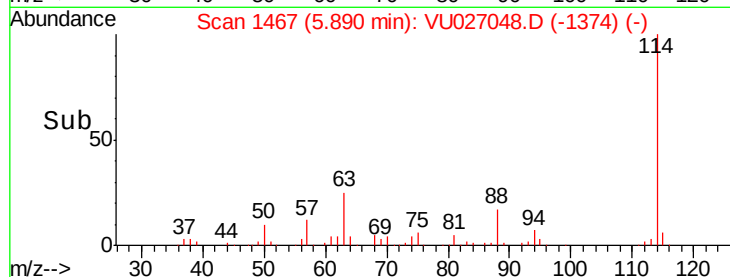
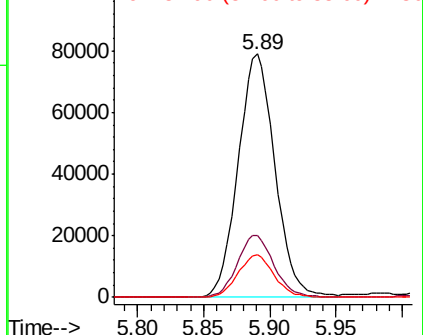
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027048.D
 Acq: 23 Sep 2018 04:34

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 BP-MH-SW4001-SOUTH-20180915

Tgt Ion:114 Resp: 152824
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 49.2
 88 17.5 0.0 33.8

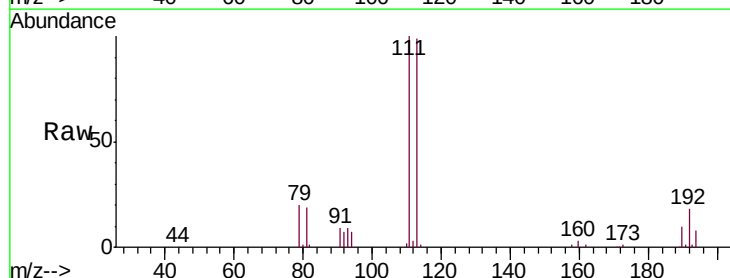


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

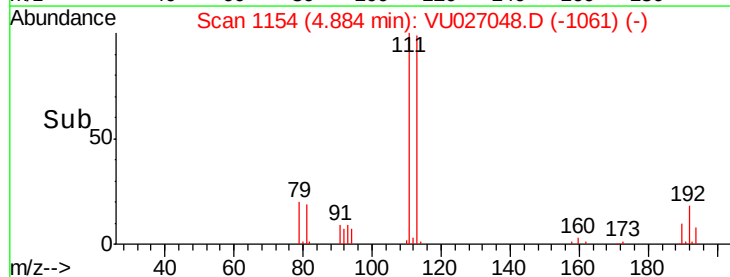
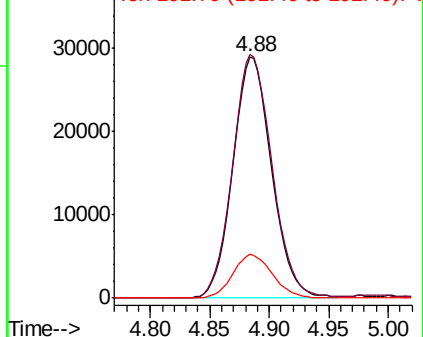


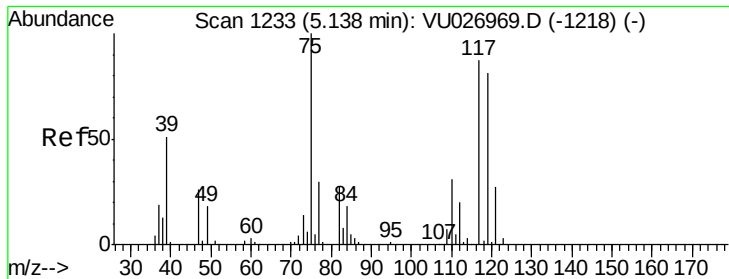
#35
 Dibromofluoromethane
 Concen: 49.432 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027048.D
 Acq: 23 Sep 2018 04:34

Tgt Ion:113 Resp: 65481
 Ion Ratio Lower Upper
 113 100
 111 103.0 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

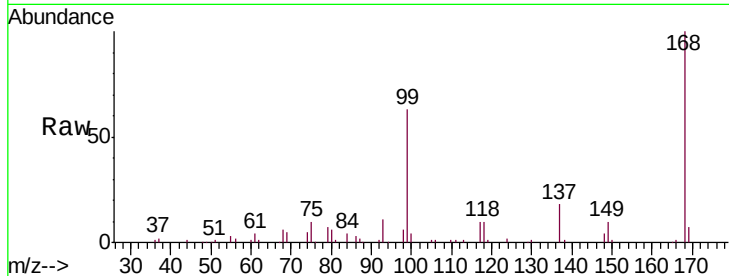




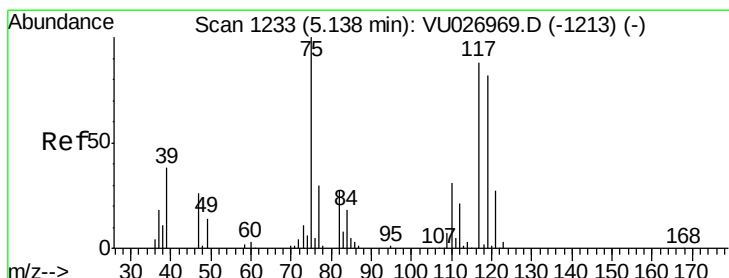
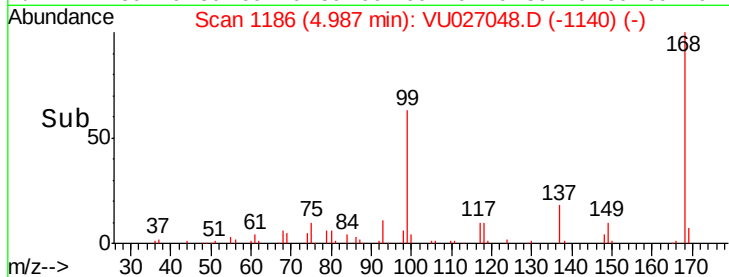
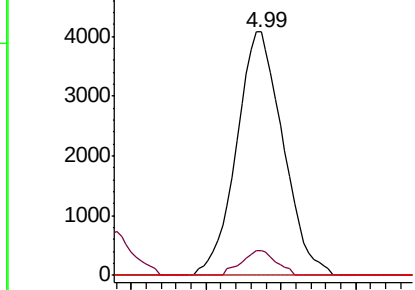
#36
 1,1-Dichloropropene
 Concen: 4.320 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027048.D
 Acq: 23 Sep 2018 04:34

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 BP-MH-SW4001-SOUTH-20180915

Tgt Ion: 75 Resp: 8812
 Ion Ratio Lower Upper
 75 100
 110 7.4 16.1 48.2#
 77 0.0 24.6 36.8#

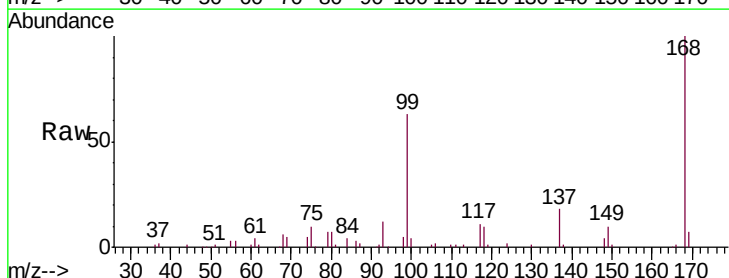


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0



#38
 Carbon Tetrachloride
 Concen: 4.753 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027048.D
 Acq: 23 Sep 2018 04:34

Tgt Ion: 117 Resp: 9226
 Ion Ratio Lower Upper
 117 100
 119 6.4 74.4 111.6#
 121 0.0 24.2 36.4#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

