

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092018\
 Data File : VU026914.D
 Acq On : 19 Sep 2018 21:58
 Operator : MD/SY
 Sample : J4934-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-MW186S-20180912

Quant Time: Sep 20 05:36:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 05:32:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	77432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	130625	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	132008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	70522	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	66878	56.94	ug/l	0.00
Spiked Amount 50.000			Recovery =	113.88%		
35) Dibromofluoromethane	4.88	113	60444	56.73	ug/l	0.00
Spiked Amount 50.000			Recovery =	113.46%		
50) Toluene-d8	7.57	98	194203	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.56%		
62) 4-Bromofluorobenzene	10.31	95	65317	45.73	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.46%		

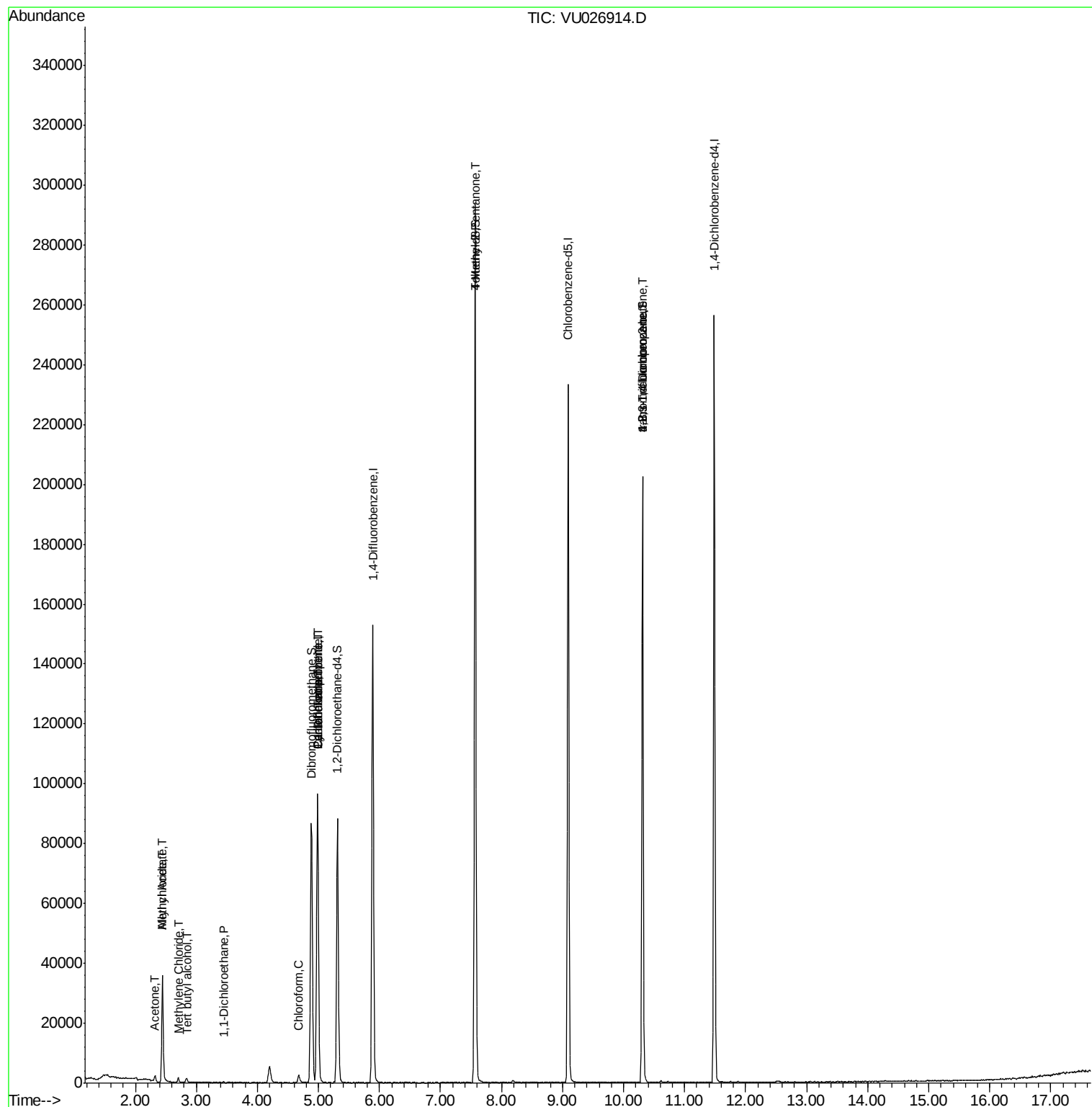
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.83	59	1024	3.577	ug/l #	73
14) Allyl chloride	2.45	41	3717	2.322	ug/l #	77
16) Acetone	2.32	43	2364	3.555	ug/l #	87
18) Methyl Acetate	2.44	43	9270	6.460	ug/l #	54
20) Methylene Chloride	2.70	84	793	0.735	ug/l #	82
24) 1,1-Dichloroethane	3.45	63	582	0.309	ug/l #	84
30) Chloroform	4.68	83	2750	1.484	ug/l	94
31) Cyclohexane	4.98	56	1286	0.567	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	5416	3.693	ug/l #	48
38) Carbon Tetrachloride	4.98	117	7017	4.529	ug/l #	16
51) 4-Methyl-2-Pentanone	7.57	43	734	0.409	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	31990	20.250	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	31990	62.696	ug/l #	100

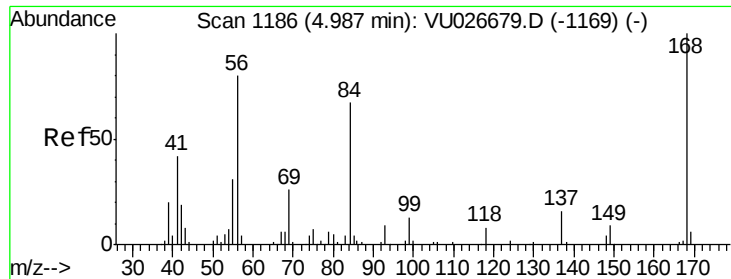
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU026914.D

Acq: 19 Sep 2018 21:58

Instrument :

MSVOA_U

ClientSampleId :

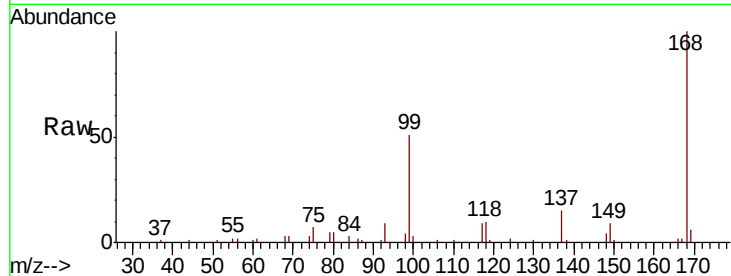
SA-MW186S-20180912

Tgt Ion:168 Resp: 77432

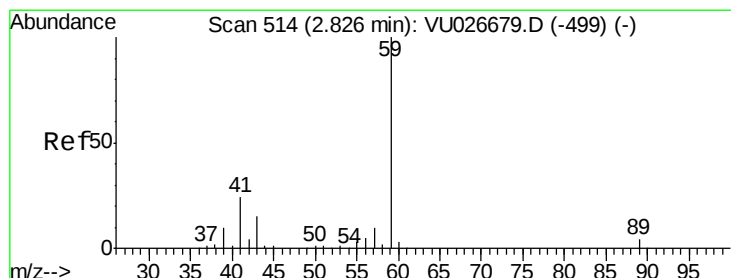
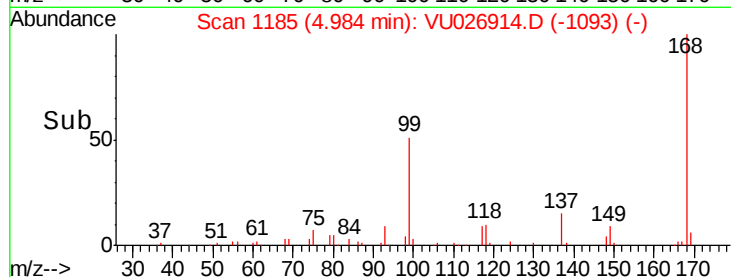
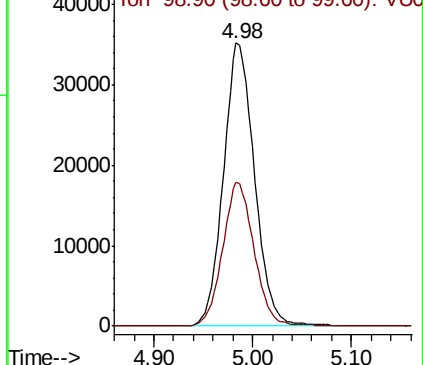
Ion Ratio Lower Upper

168 100

99 51.0 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU026679.D (-1169) (-)



#11

Tert butyl alcohol

Concen: 3.577 ug/l

RT: 2.83 min Scan# 516

Delta R.T. 0.01 min

Lab File: VU026914.D

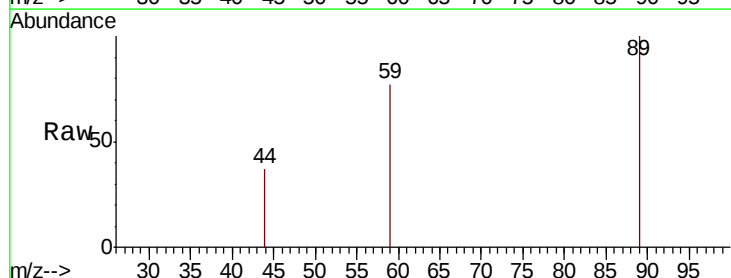
Acq: 19 Sep 2018 21:58

Tgt Ion: 59 Resp: 1024

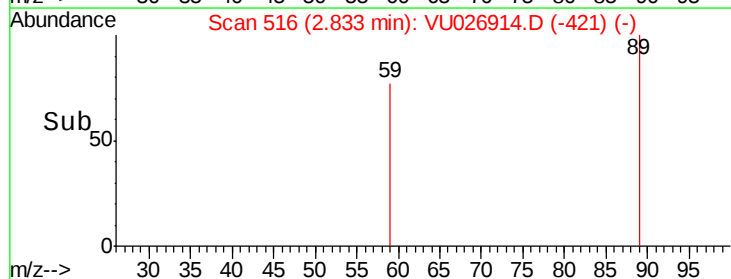
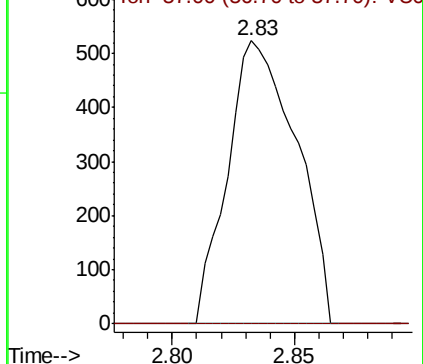
Ion Ratio Lower Upper

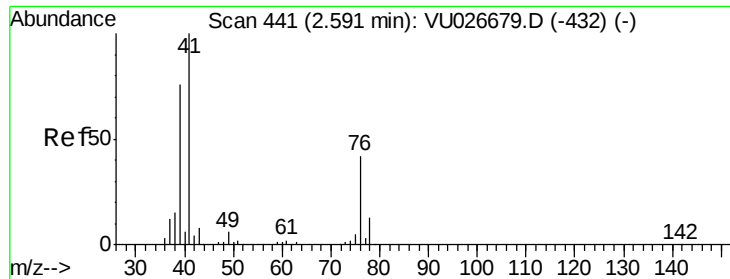
59 100

57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VU026679.D (-499) (-)

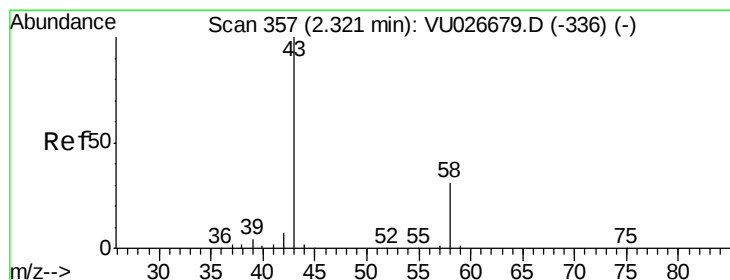
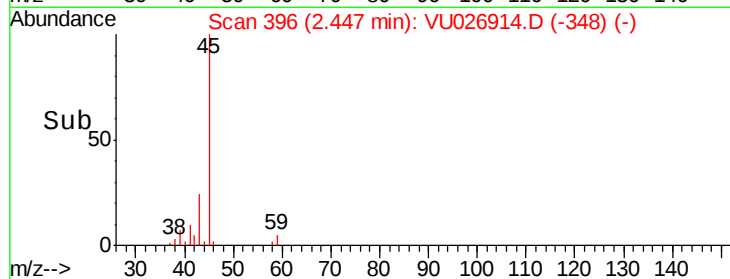
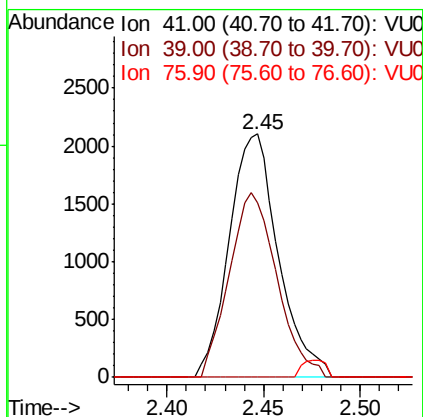
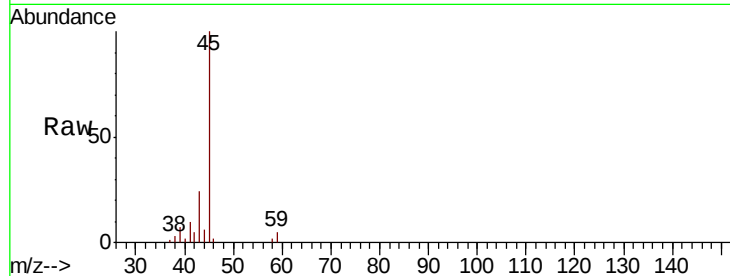




#14
 Allyl chloride
 Concen: 2.322 ug/l
 RT: 2.45 min Scan# 396
 Delta R.T. -0.14 min
 Lab File: VU026914.D
 Acq: 19 Sep 2018 21:58

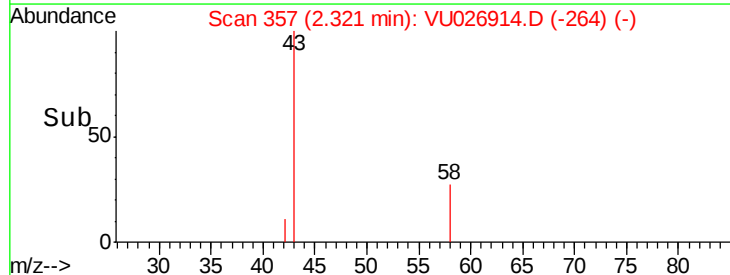
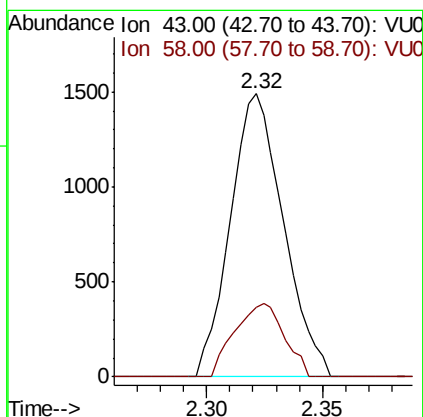
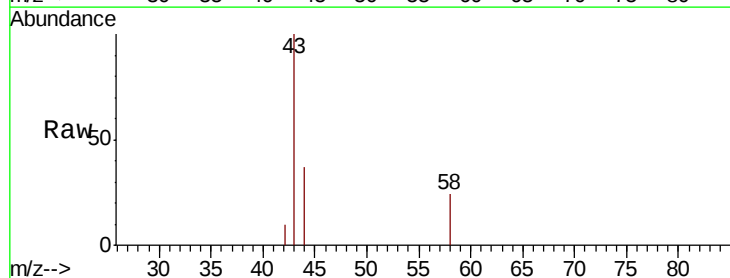
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 SA-MW186S-20180912

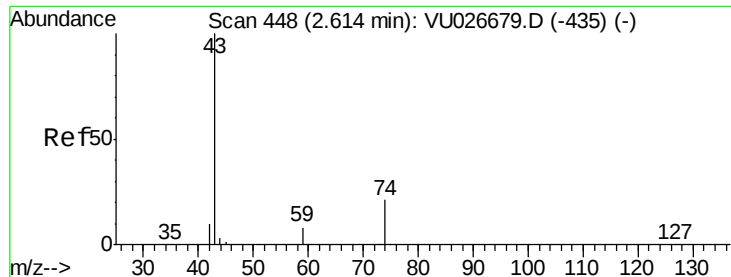
Tgt Ion: 41 Resp: 3717
 Ion Ratio Lower Upper
 41 100
 39 73.6 56.9 85.3
 76 0.0 29.7 44.5#



#16
 Acetone
 Concen: 3.555 ug/l
 RT: 2.32 min Scan# 357
 Delta R.T. 0.00 min
 Lab File: VU026914.D
 Acq: 19 Sep 2018 21:58

Tgt Ion: 43 Resp: 2364
 Ion Ratio Lower Upper
 43 100
 58 24.4 25.1 37.7#

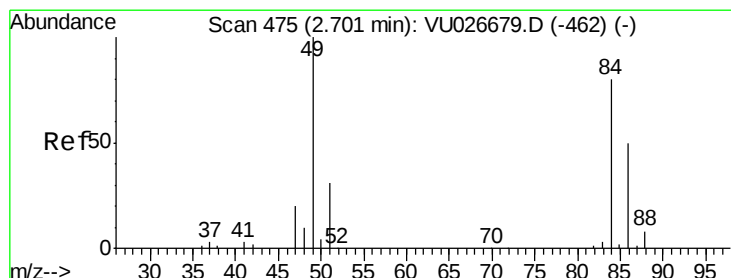
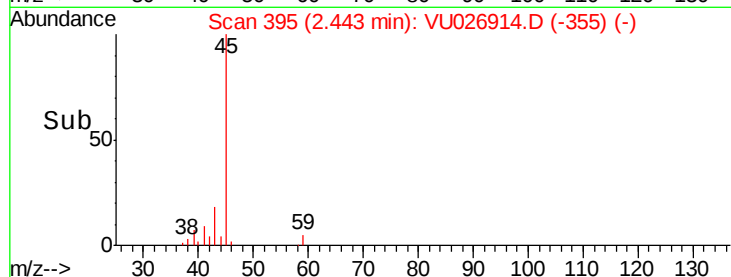
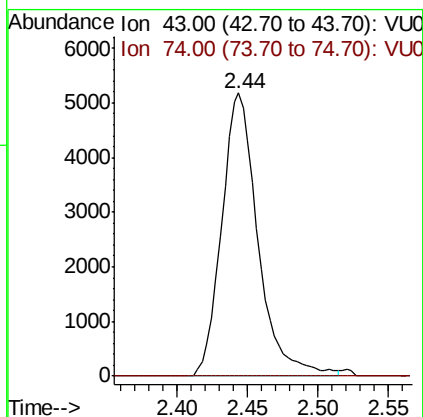
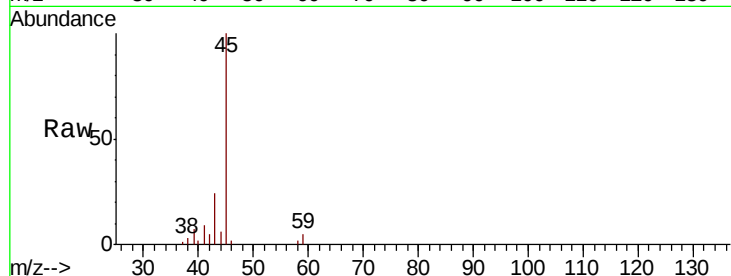




#18
Methyl Acetate
Concen: 6.460 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.17 min
Lab File: VU026914.D
Acq: 19 Sep 2018 21:58

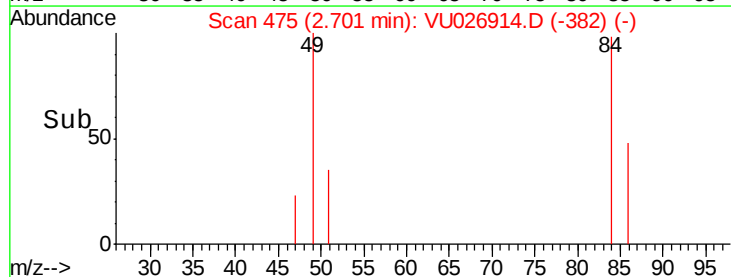
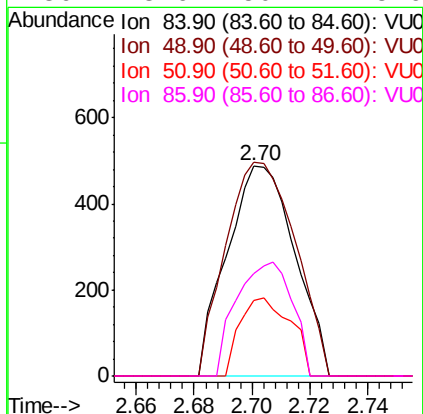
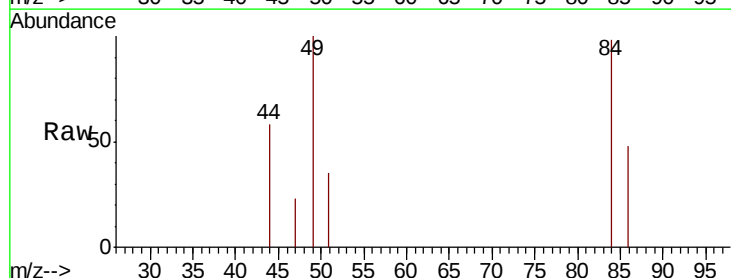
Instrument :
MSVOA_U
ClientSampleId :
SA-MW186S-20180912

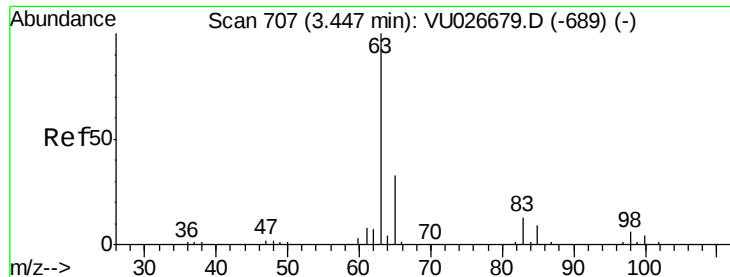
Tgt Ion: 43 Resp: 9270
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#



#20
Methylene Chloride
Concen: 0.735 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU026914.D
Acq: 19 Sep 2018 21:58

Tgt Ion: 84 Resp: 793
Ion Ratio Lower Upper
84 100
49 101.6 100.6 151.0
51 35.9 30.9 46.3
86 48.6 50.4 75.6#





#24

1,1-Dichloroethane

Concen: 0.309 ug/l

RT: 3.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: VU026914.D

Acq: 19 Sep 2018 21:58

Instrument :

MSVOA_U

ClientSampleId :

SA-MW186S-20180912

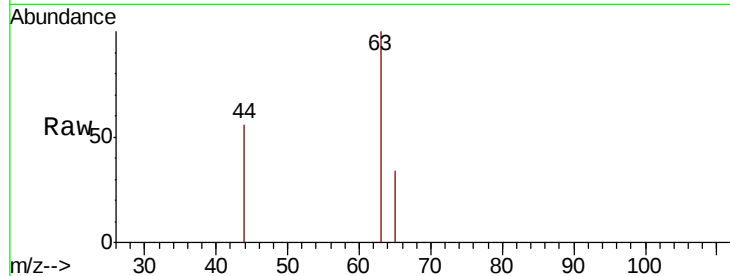
Tgt Ion: 63 Resp: 582

Ion Ratio Lower Upper

63 100

98 0.0 3.1 9.4#

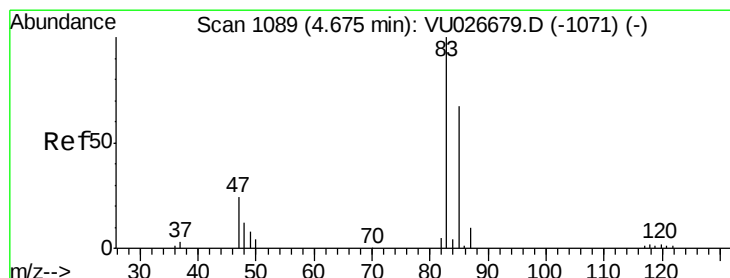
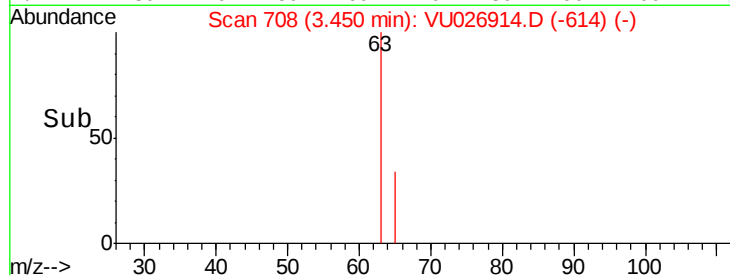
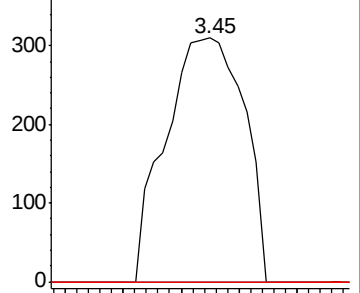
100 0.0 2.0 6.0#



Abundance Ion 62.90 (62.60 to 63.60): VU026679.D (-689) (-)

Ion 97.90 (97.60 to 98.60): VU026679.D (-689) (-)

Ion 99.90 (99.60 to 100.60): VU026679.D (-689) (-)



#30

Chloroform

Concen: 1.484 ug/l

RT: 4.68 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VU026914.D

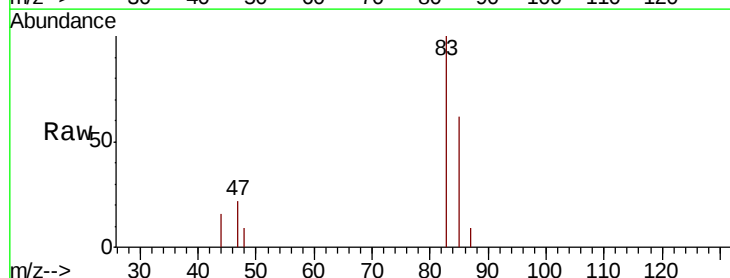
Acq: 19 Sep 2018 21:58

Tgt Ion: 83 Resp: 2750

Ion Ratio Lower Upper

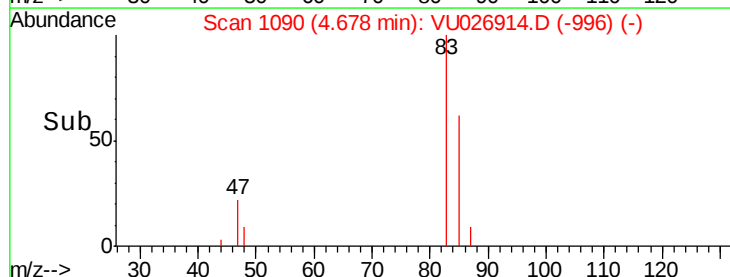
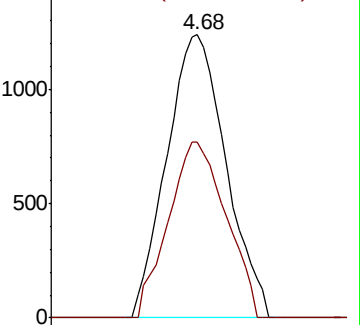
83 100

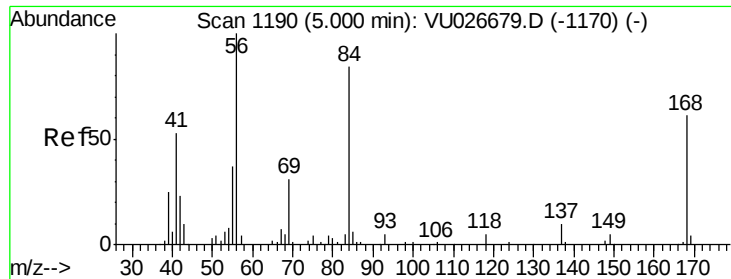
85 62.0 53.3 79.9



Abundance Ion 82.90 (82.60 to 83.60): VU026679.D (-1071) (-)

Ion 84.90 (84.60 to 85.60): VU026679.D (-1071) (-)

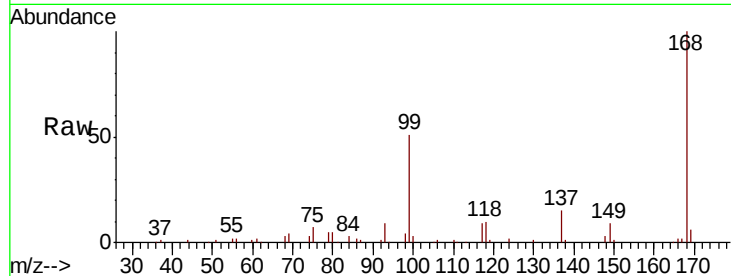




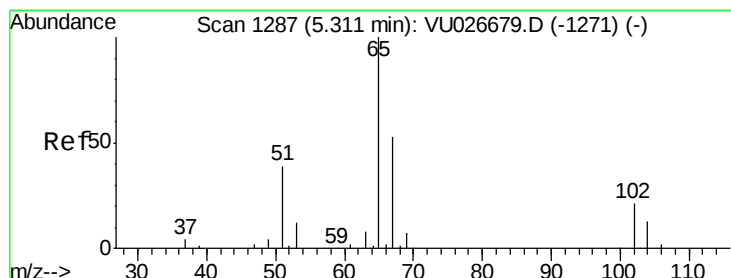
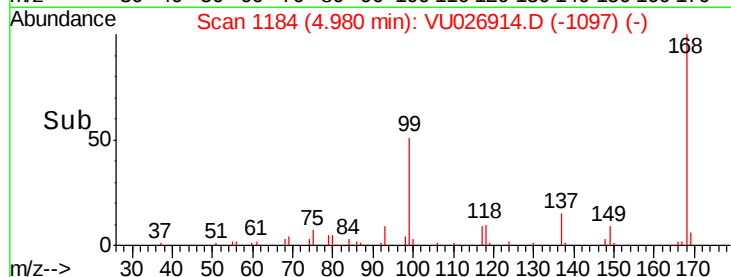
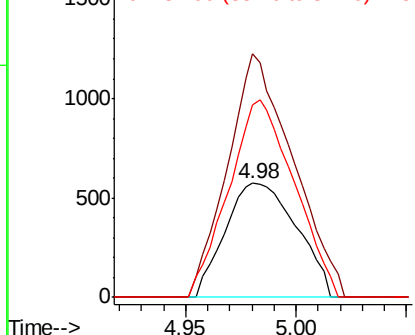
#31
Cyclohexane
Concen: 0.567 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU026914.D
Acq: 19 Sep 2018 21:58

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Tgt Ion: 56 Resp: 1286
Ion Ratio Lower Upper
56 100
69 213.8 24.9 37.3#
84 169.3 66.6 100.0#

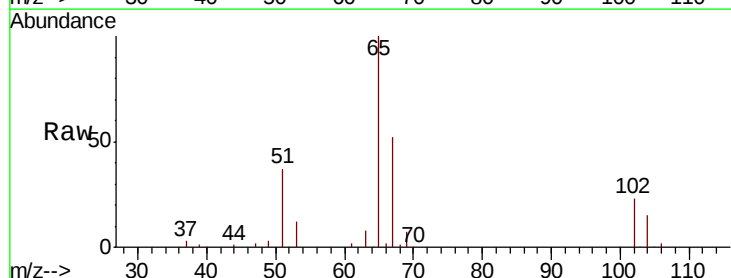


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

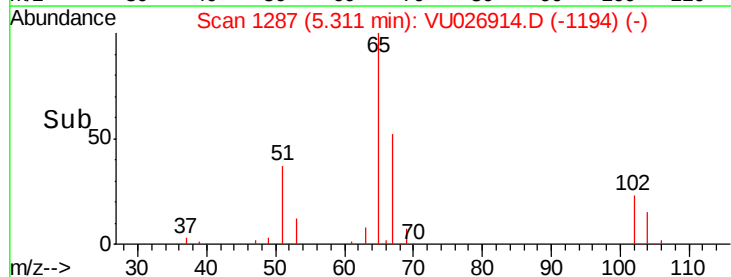
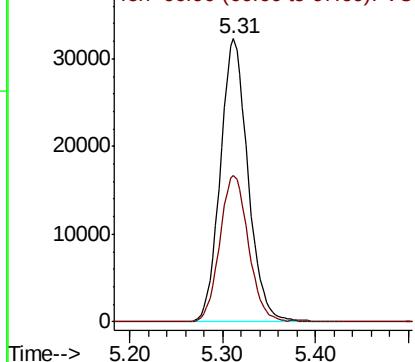


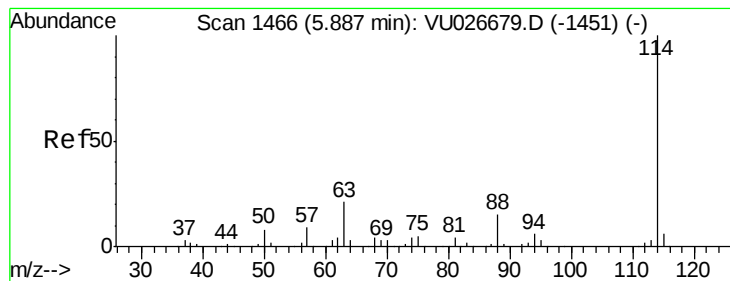
#33
1,2-Dichloroethane-d4
Concen: 56.936 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU026914.D
Acq: 19 Sep 2018 21:58

Tgt Ion: 65 Resp: 66878
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.4



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: VU026914.D

Acq: 19 Sep 2018 21:58

Instrument :

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ClientSampleId :

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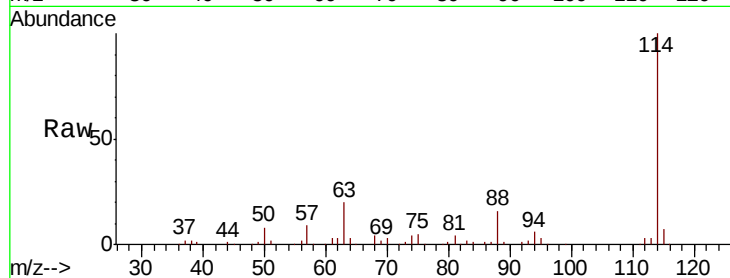
Tgt Ion:114 Resp: 130625

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.4

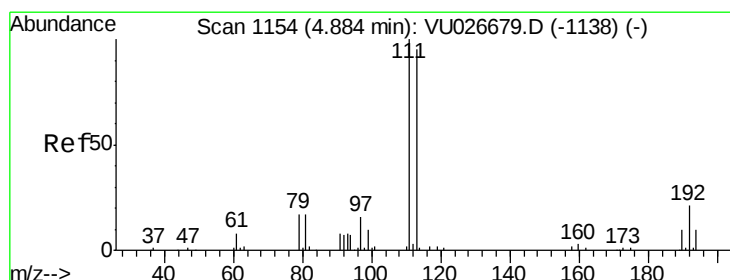
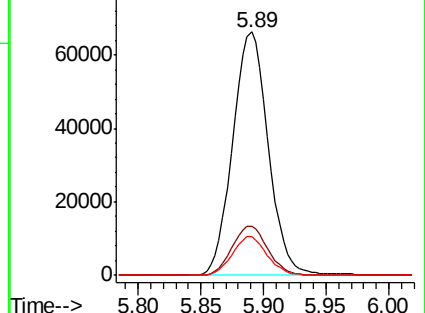
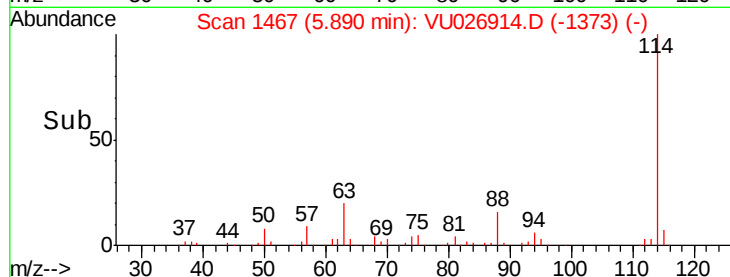
88 15.8 0.0 30.8



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: 56.728 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU026914.D

Acq: 19 Sep 2018 21:58

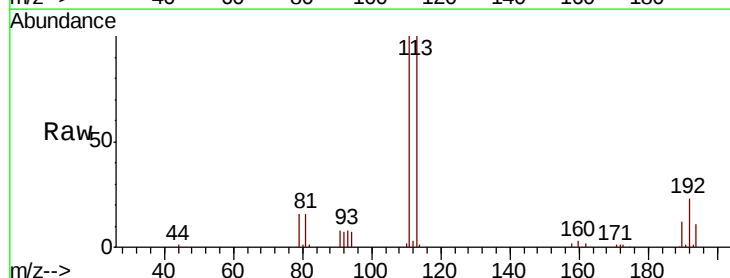
Tgt Ion:113 Resp: 60444

Ion Ratio Lower Upper

113 100

111 100.8 83.1 124.7

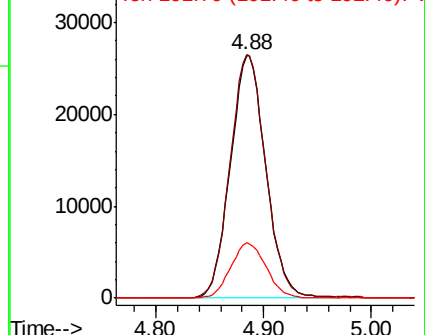
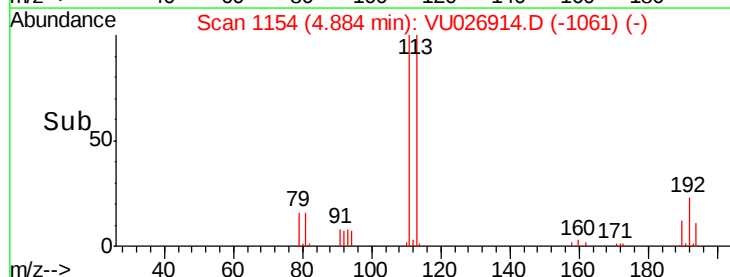
192 22.7 17.4 26.2

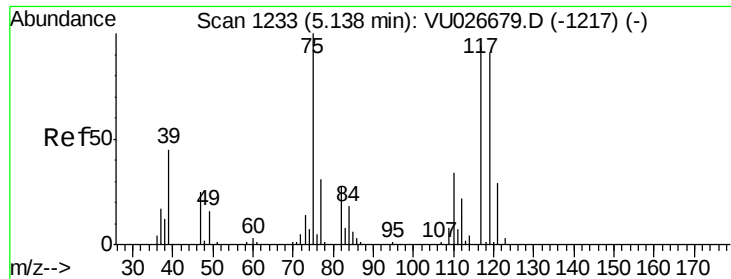


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

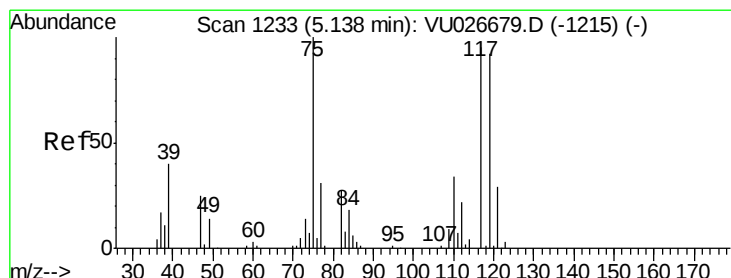
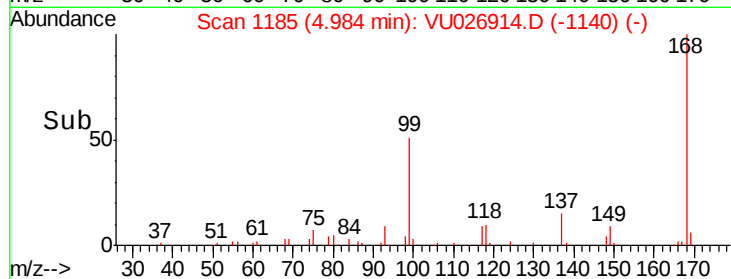
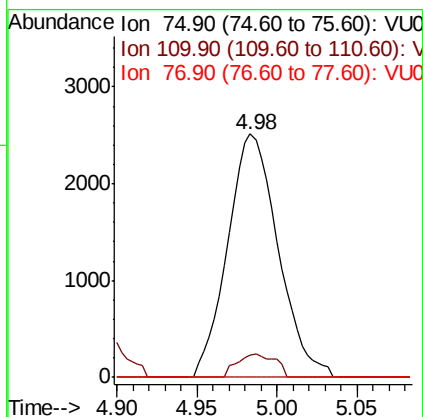
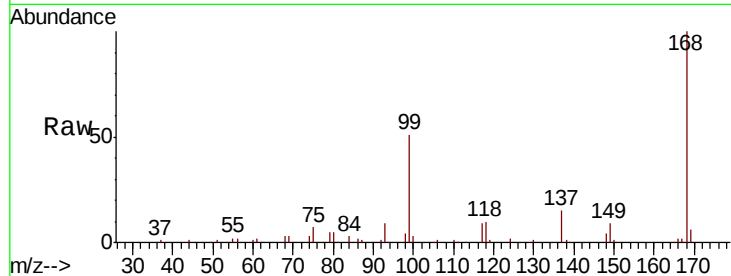




#36
 1,1-Dichloropropene
 Concen: 3.693 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU026914.D
 Acq: 19 Sep 2018 21:58

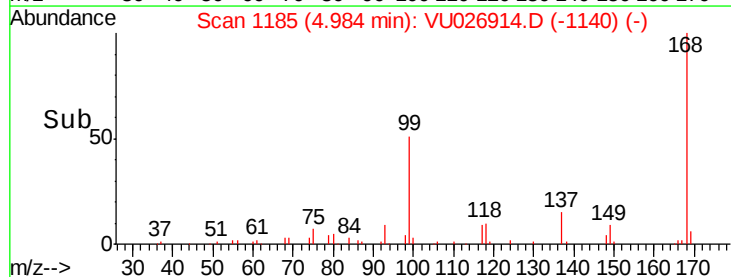
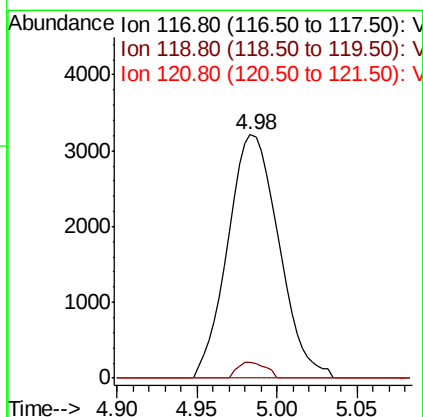
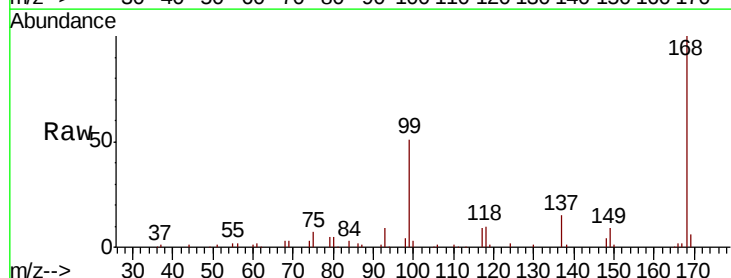
Instrument :
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 ClientSampleId :
 SA-MW186S-20180912

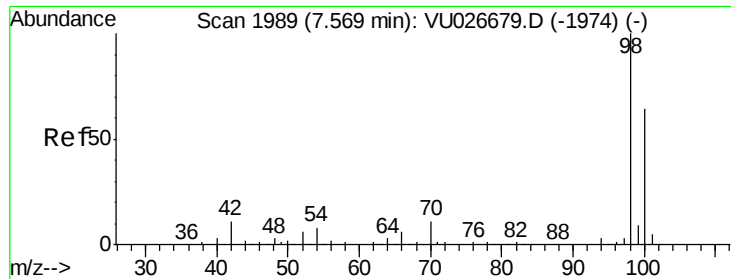
Tgt Ion: 75 Resp: 5416
 Ion Ratio Lower Upper
 75 100
 110 7.3 17.3 51.9#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 4.529 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU026914.D
 Acq: 19 Sep 2018 21:58

Tgt Ion: 117 Resp: 7017
 Ion Ratio Lower Upper
 117 100
 119 6.4 77.8 116.8#
 121 0.0 25.0 37.4#





#50

Toluene-d8

Concen: 49.280 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU026914.D

Acq: 19 Sep 2018 21:58

Instrument :

MSVOA_U

ClientSampleId :

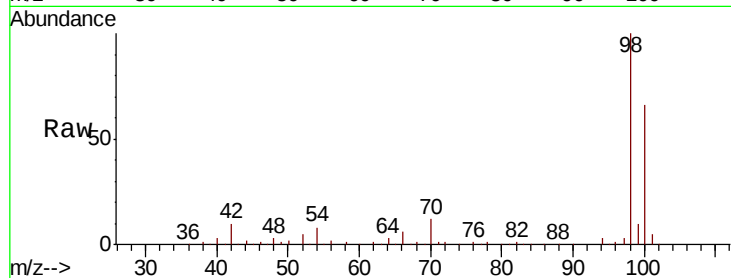
SA-MW186S-20180912

Tgt Ion: 98 Resp: 194203

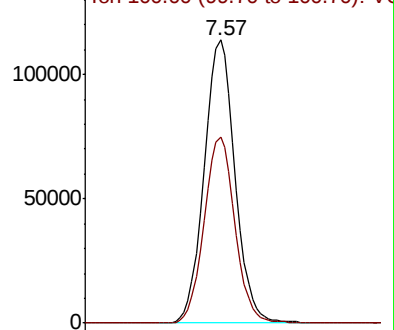
Ion Ratio Lower Upper

98 100

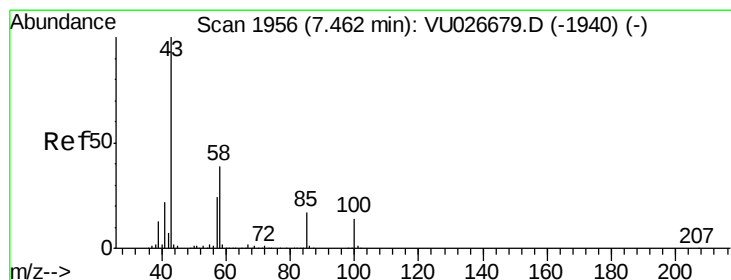
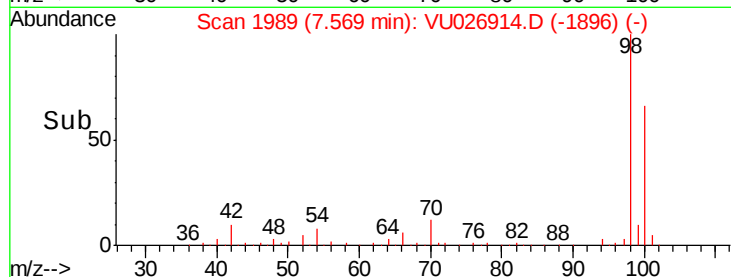
100 66.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VU026679.D (-1974) (-)



Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.409 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.10 min

Lab File: VU026914.D

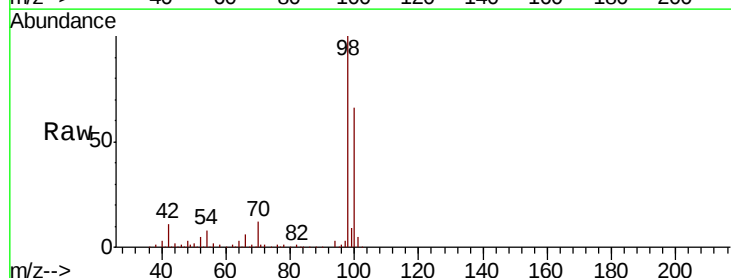
Acq: 19 Sep 2018 21:58

Tgt Ion: 43 Resp: 734

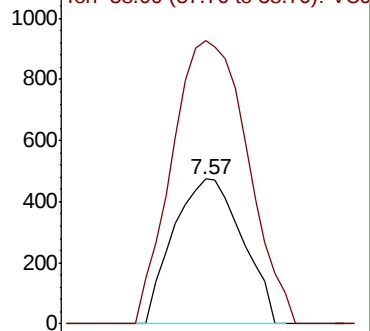
Ion Ratio Lower Upper

43 100

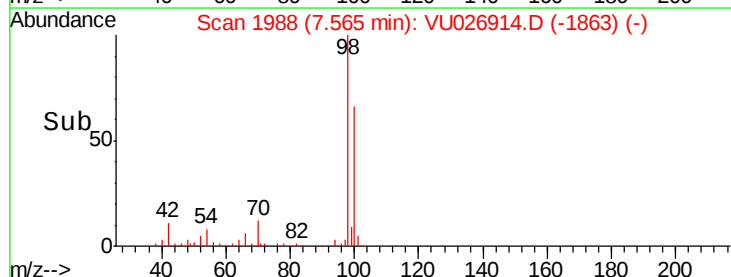
58 214.2 31.1 46.7#

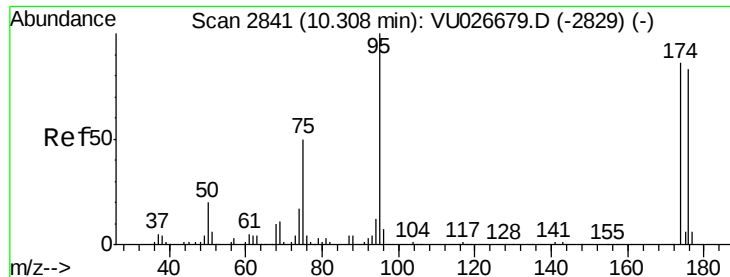


Abundance Ion 43.00 (42.70 to 43.70): VU026679.D (-1940) (-)



Time-->

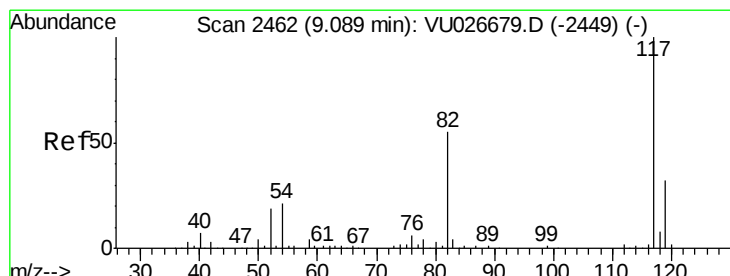
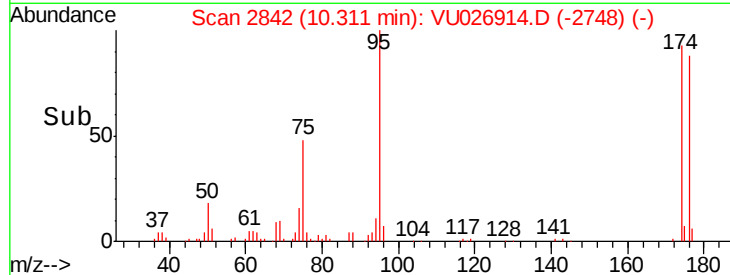
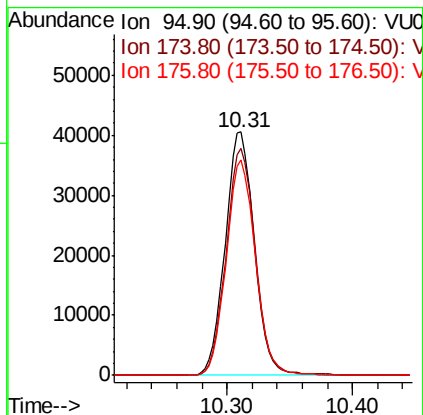
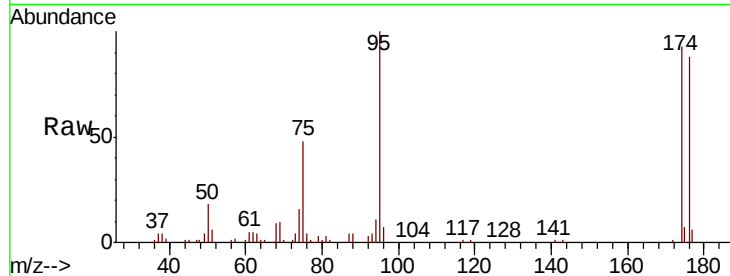




#62
 4-Bromofluorobenzene
 Concen: 45.731 ug/l
 RT: 10.31 min Scan# 2842
 Delta R.T. 0.00 min
 Lab File: VU026914.D
 Acq: 19 Sep 2018 21:58

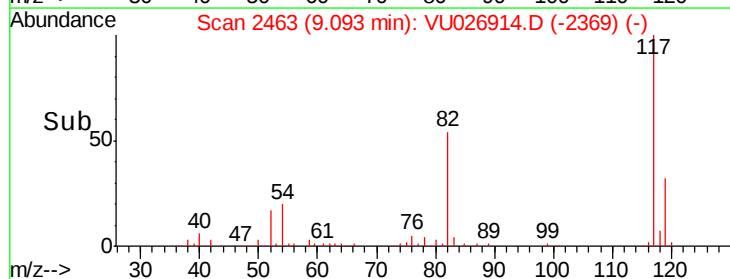
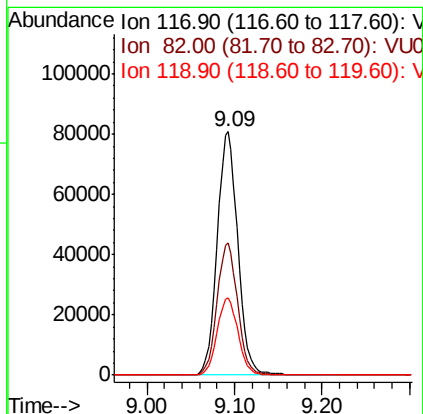
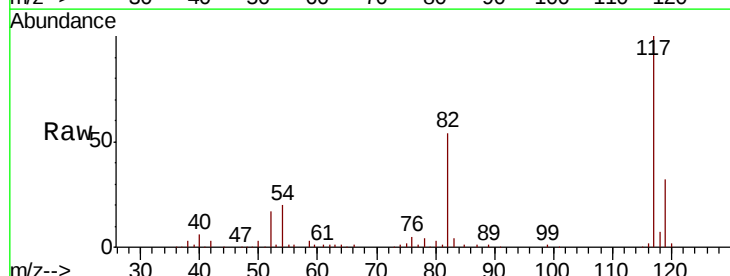
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-MW186S-20180912

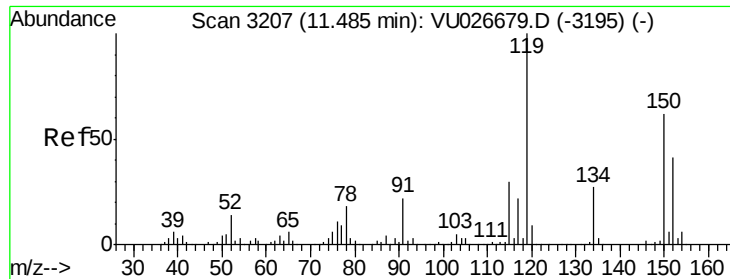
Tgt Ion: 95 Resp: 65317
 Ion Ratio Lower Upper
 95 100
 174 93.8 0.0 172.8
 176 88.6 0.0 168.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VU026914.D
 Acq: 19 Sep 2018 21:58

Tgt Ion: 117 Resp: 132008
 Ion Ratio Lower Upper
 117 100
 82 54.3 44.1 66.1
 119 31.9 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU026914.D

Acq: 19 Sep 2018 21:58

Instrument :

MSVOA_U

ClientSampleId :

SA-MW186S-20180912

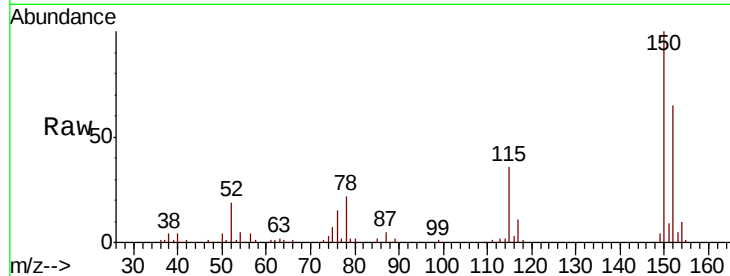
Tgt Ion:152 Resp: 70522

Ion Ratio Lower Upper

152 100

115 54.7 40.4 121.1

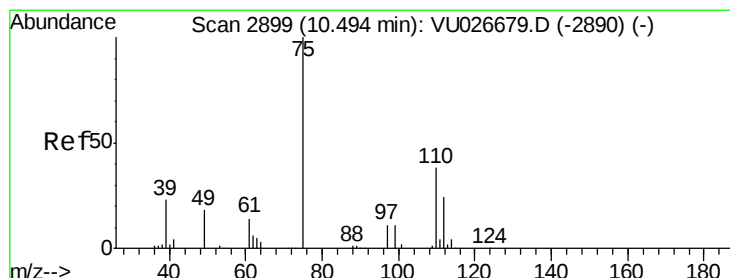
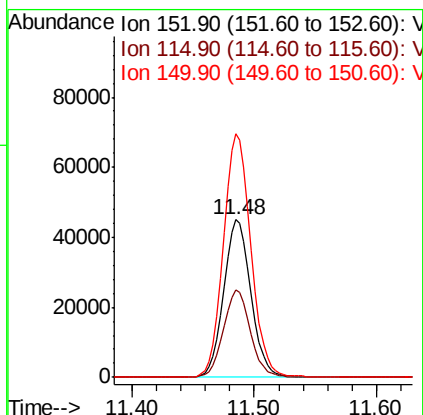
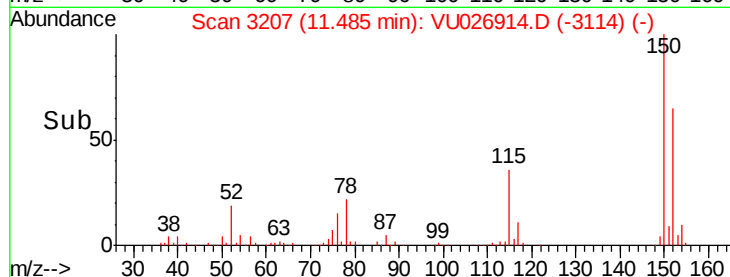
150 156.7 0.0 345.2



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



#76

1,2,3-Trichloropropane

Concen: 20.250 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU026914.D

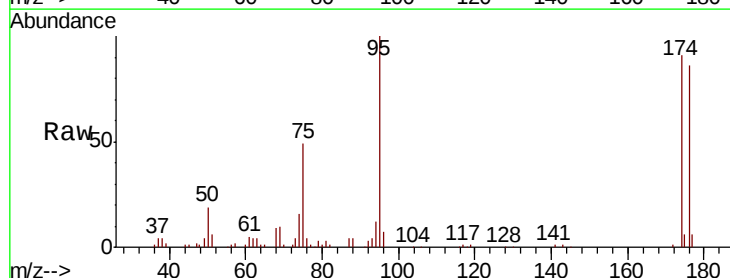
Acq: 19 Sep 2018 21:58

Tgt Ion: 75 Resp: 31990

Ion Ratio Lower Upper

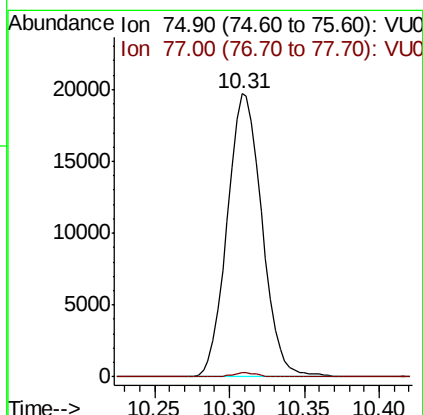
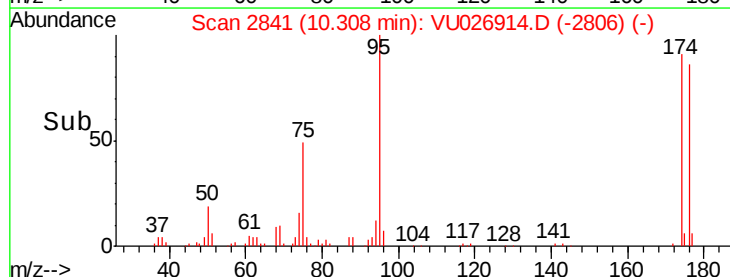
75 100

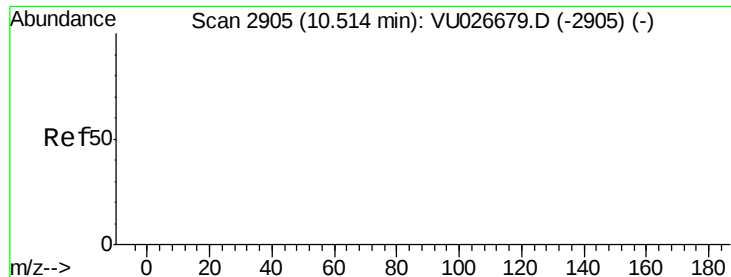
77 1.0 21.1 63.1#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.696 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.20 min
 Lab File: VU026914.D
 Acq: 19 Sep 2018 21:58

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-MW186S-20180912

Tgt Ion:	75	Resp:	31990
Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

