

Data File : VU027079.D
Acq On : 23 Sep 2018 18:01
Operator : MD/SY
Sample : J4980-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 121 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BP-FW-MW01-20180916

Quant Time: Sep 24 07:16:02 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	92325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	156910	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	150333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	69426	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	98036	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
35) Dibromofluoromethane	4.88	113	66426	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
50) Toluene-d8	7.57	98	252715	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
62) 4-Bromofluorobenzene	10.31	95	80675	45.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.72%	

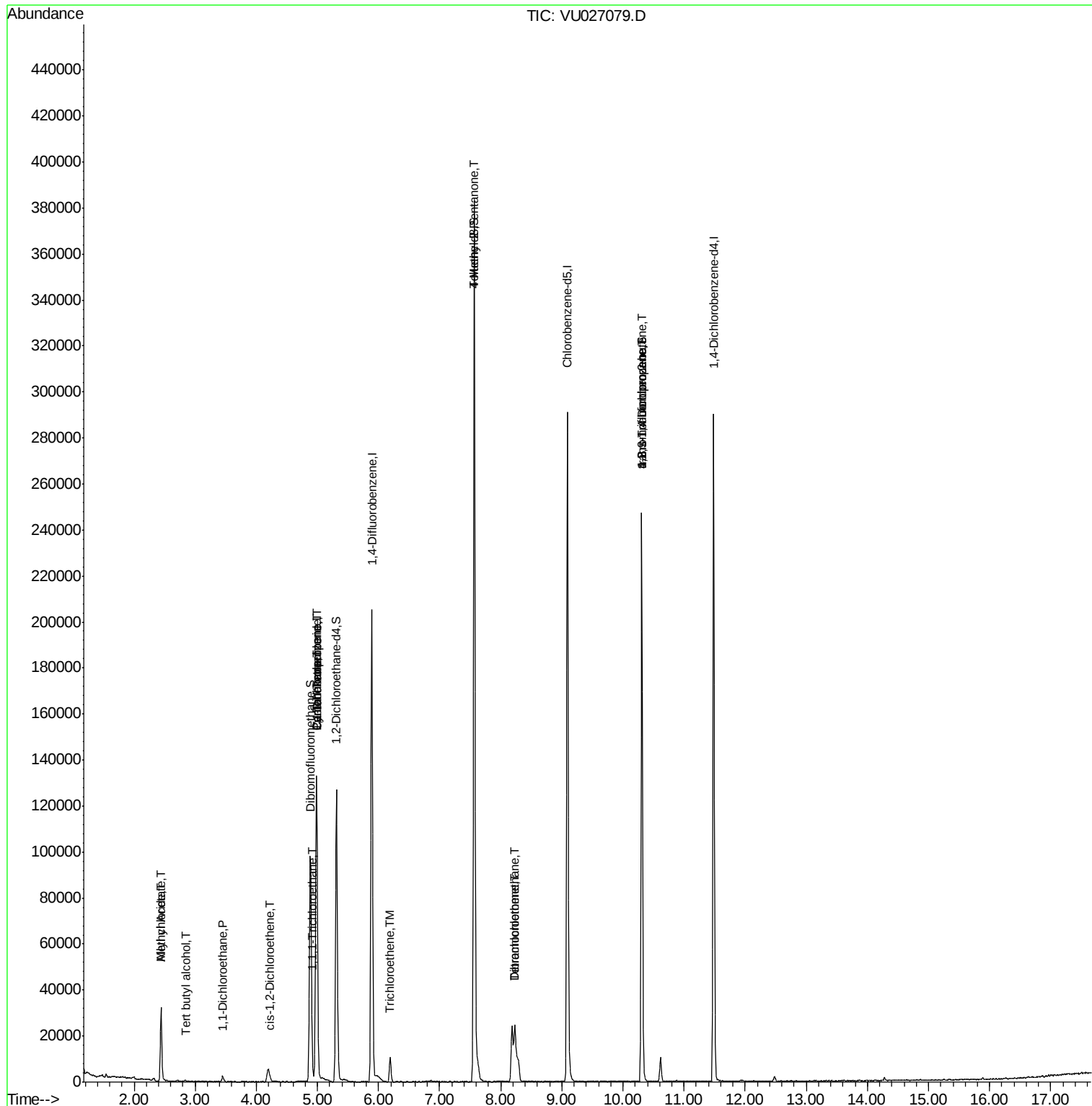
Target Compounds						Qvalue
11) Tert butyl alcohol	2.84	59	456	1.071	ug/l #	72
14) Allyl chloride	2.44	41	3113	1.204	ug/l #	71
16) Acetone	2.32	43	1545	Below Cal		94
18) Methyl Acetate	2.44	43	8237	3.114	ug/l #	55
24) 1,1-Dichloroethane	3.45	63	3221	1.057	ug/l #	94
27) cis-1,2-Dichloroethene	4.23	96	315	0.205	ug/l	78
31) Cyclohexane	4.98	56	2393	0.292	ug/l #	1
32) 1,1,1-Trichloroethane	4.92	97	1507	0.667	ug/l #	53
36) 1,1-Dichloropropene	4.98	75	8893	4.247	ug/l #	48
38) Carbon Tetrachloride	4.98	117	9416	4.725	ug/l #	18
44) Trichloroethene	6.19	130	3540	2.612	ug/l	94
51) 4-Methyl-2-Pentanone	7.57	43	1185	0.426	ug/l #	1
60) Dibromochloromethane	8.23	129	2515	1.658	ug/l #	11
64) Tetrachloroethene	8.23	164	3074	2.654	ug/l	90
76) 1,2,3-Trichloropropane	10.31	75	44144	20.930	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	44144	66.979	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

Lab File: VU027079.D

Acq: 23 Sep 2018 18:01

Instrument :

MSVOA_U

ClientSampleId :

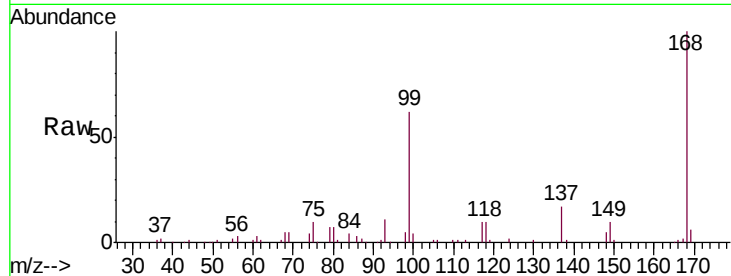
BP-FW-MW01-20180916

Tgt Ion:168 Resp: 92325

Ion Ratio Lower Upper

168 100

99 61.3 48.1 72.1



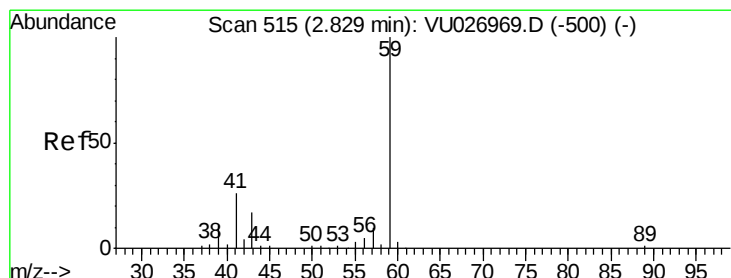
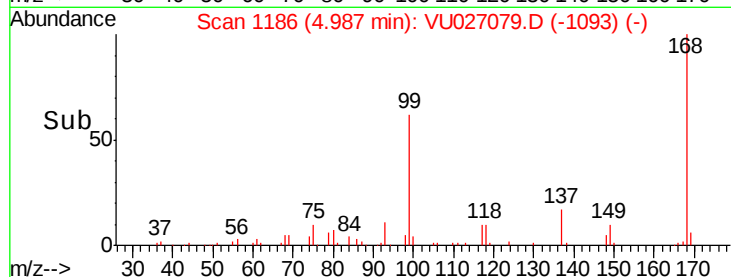
Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

4.90 4.95 5.00 5.05 5.10

Time-->



#11

Tert butyl alcohol

Concen: 1.071 ug/l

RT: 2.84 min Scan# 519

Delta R.T. 0.01 min

Lab File: VU027079.D

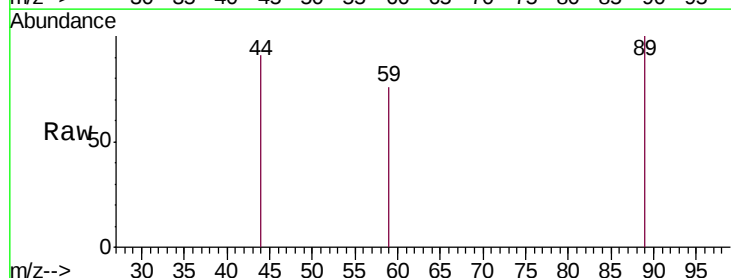
Acq: 23 Sep 2018 18:01

Tgt Ion: 59 Resp: 456

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



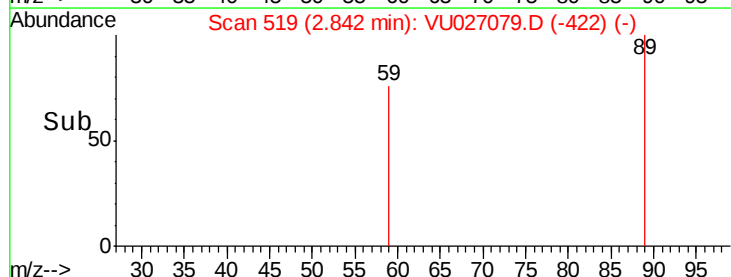
Abundance Ion 59.00 (58.70 to 59.70): VU026969.D (-500) (-)

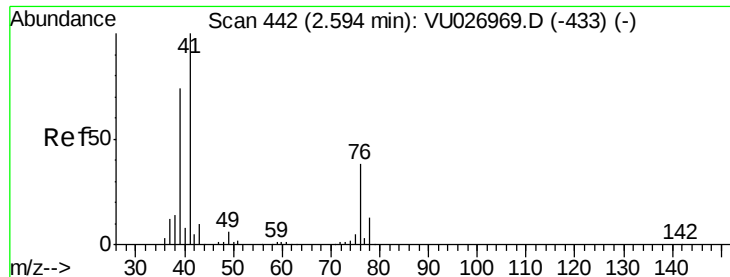
Ion 57.00 (56.70 to 57.70): VU026969.D (-500) (-)

2.84

2.80 2.82 2.84 2.86 2.88

Time-->

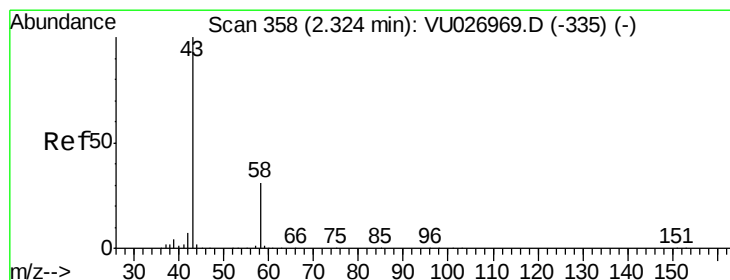
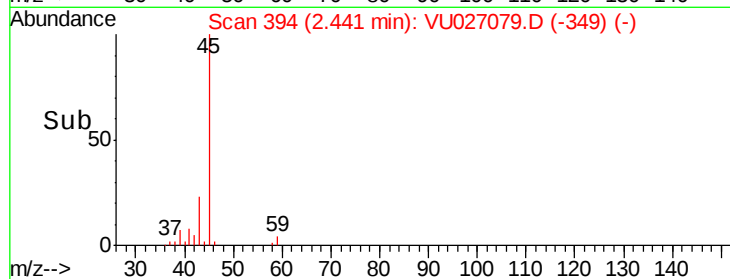
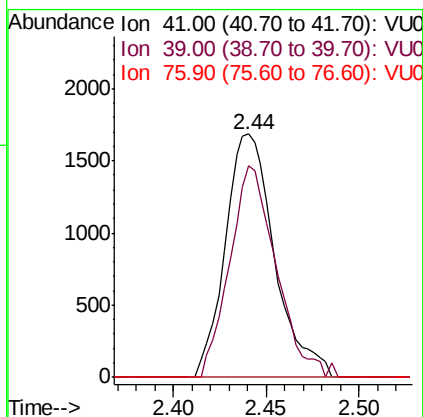
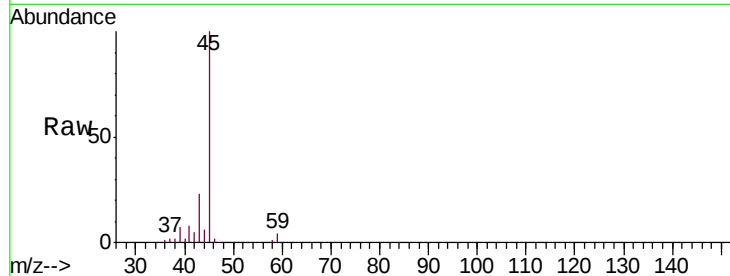




#14
 Allyl chloride
 Concen: 1.204 ug/l
 RT: 2.44 min Scan# 394
 Delta R.T. -0.15 min
 Lab File: VU027079.D
 Acq: 23 Sep 2018 18:01

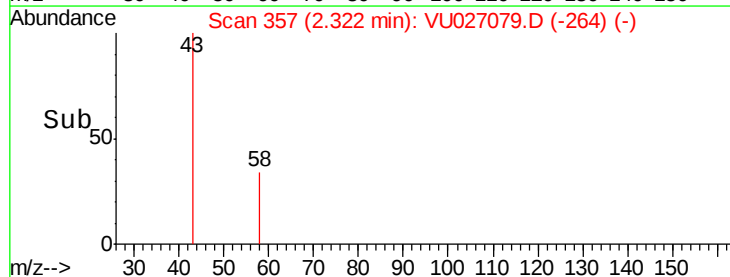
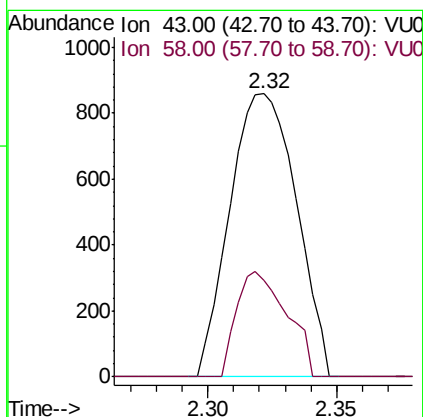
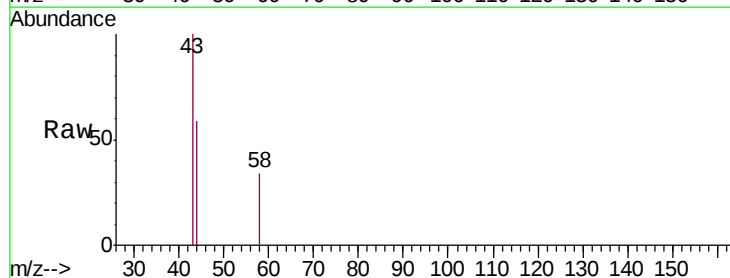
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-FW-MW01-20180916

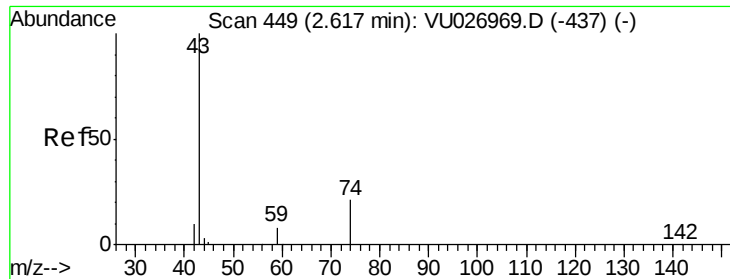
Tgt Ion: 41 Resp: 3113
 Ion Ratio Lower Upper
 41 100
 39 81.8 55.7 83.5
 76 0.0 26.5 39.7#



#16
 Acetone
 Concen: Below Cal
 RT: 2.32 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VU027079.D
 Acq: 23 Sep 2018 18:01

Tgt Ion: 43 Resp: 1545
 Ion Ratio Lower Upper
 43 100
 58 34.0 24.6 36.8

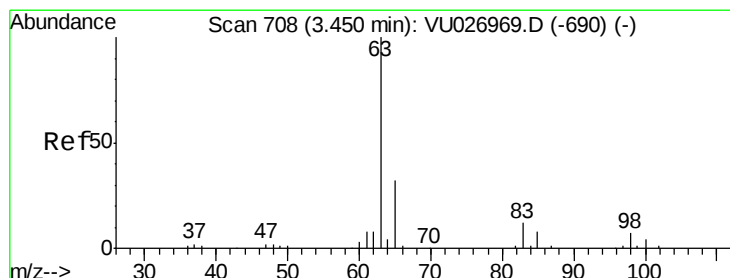
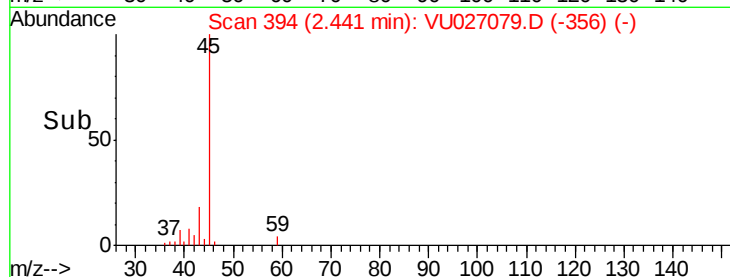
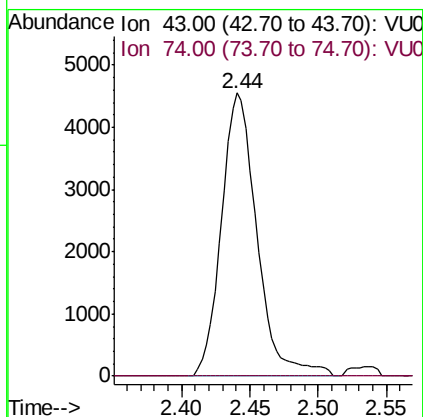
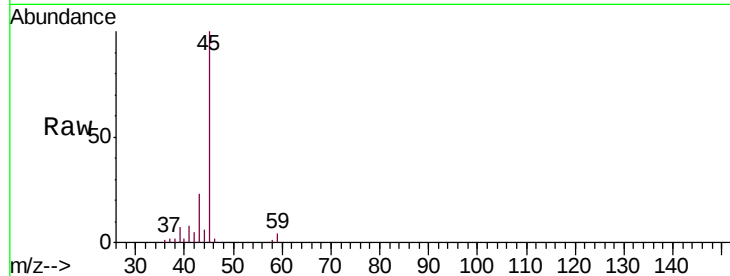




#18
Methyl Acetate
Concen: 3.114 ug/l
RT: 2.44 min Scan# 394
Delta R.T. -0.18 min
Lab File: VU027079.D
Acq: 23 Sep 2018 18:01

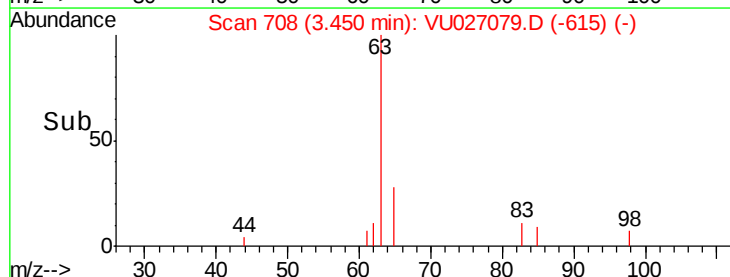
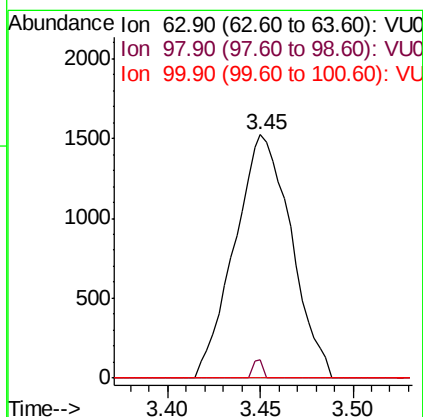
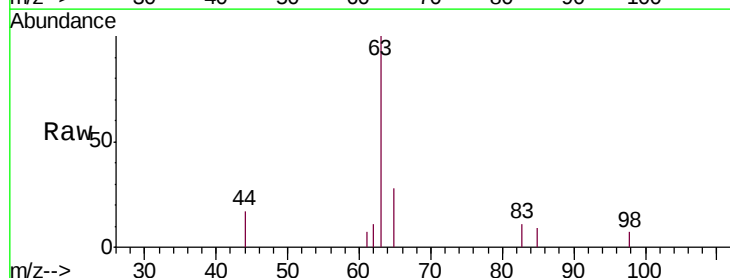
Instrument :
MSVOA_U
ClientSampleId :
BP-FW-MW01-20180916

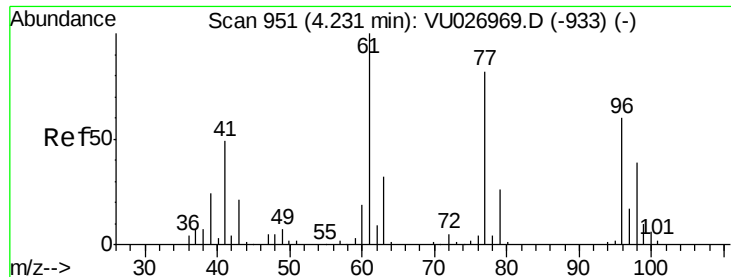
Tgt Ion: 43 Resp: 8237
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#24
1,1-Dichloroethane
Concen: 1.057 ug/l
RT: 3.45 min Scan# 708
Delta R.T. 0.00 min
Lab File: VU027079.D
Acq: 23 Sep 2018 18:01

Tgt Ion: 63 Resp: 3221
Ion Ratio Lower Upper
63 100
98 7.3 3.3 9.8
100 0.0 2.0 5.8#

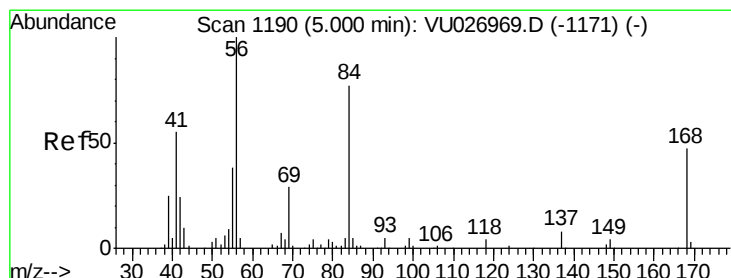
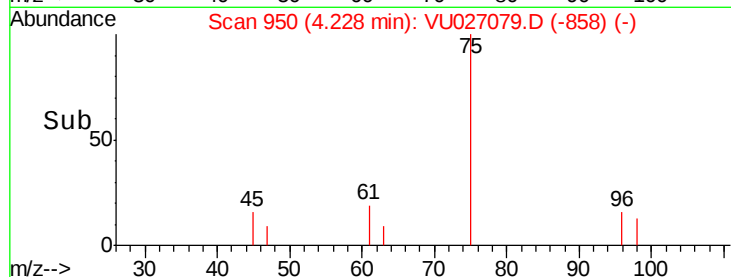
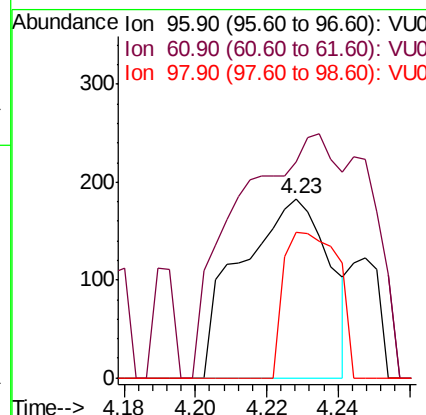
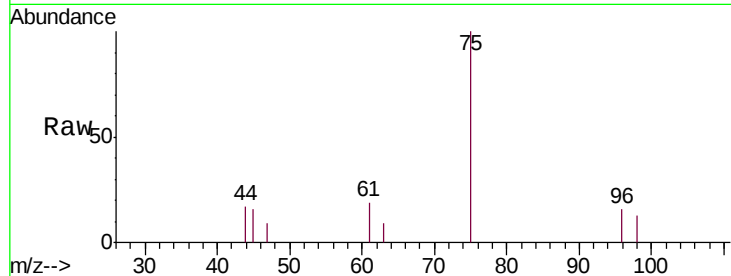




#27
 cis-1,2-Dichloroethene
 Concen: 0.205 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU027079.D
 Acq: 23 Sep 2018 18:01

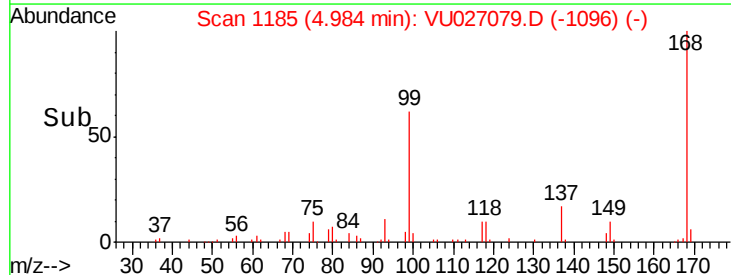
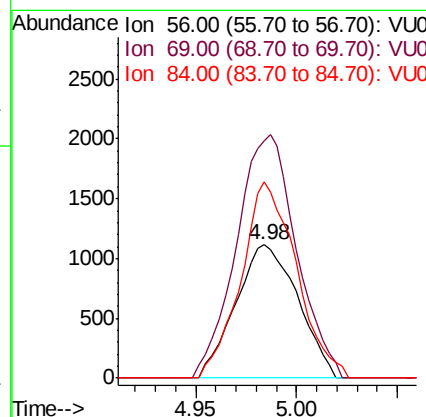
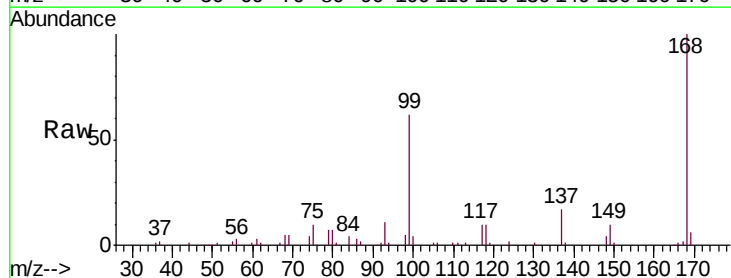
Instrument :
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 ClientSampleId :
 BP-FW-MW01-20180916

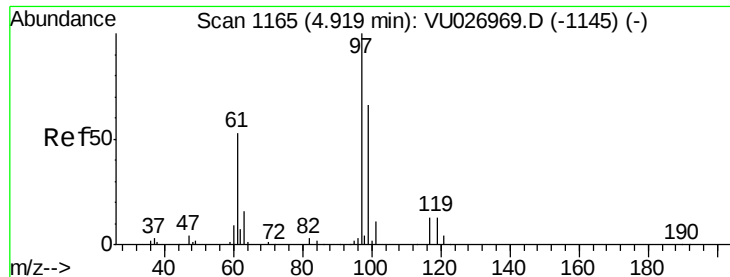
Tgt Ion: 96 Resp: 315
 Ion Ratio Lower Upper
 96 100
 61 201.3 0.0 337.2
 98 49.8 0.0 127.6



#31
 Cyclohexane
 Concen: 0.292 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: VU027079.D
 Acq: 23 Sep 2018 18:01

Tgt Ion: 56 Resp: 2393
 Ion Ratio Lower Upper
 56 100
 69 178.1 23.0 34.4#
 84 146.9 61.4 92.2#

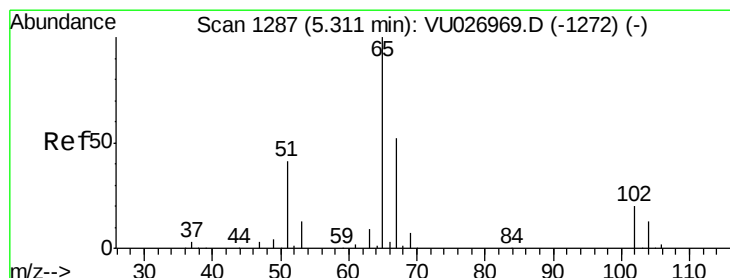
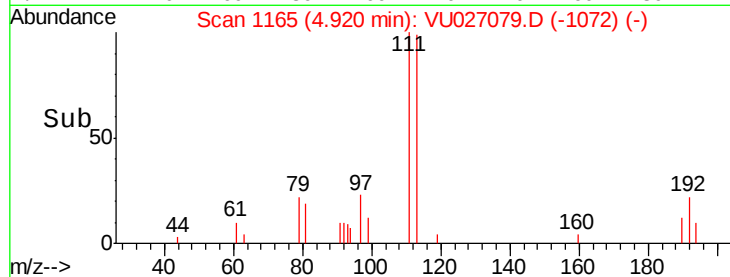
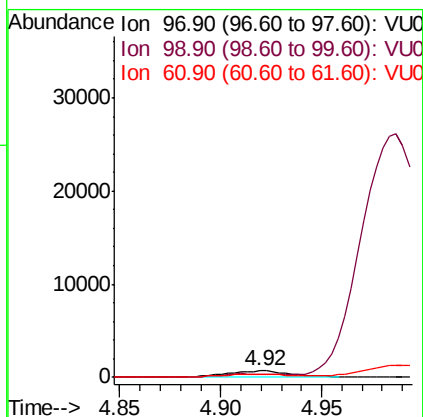
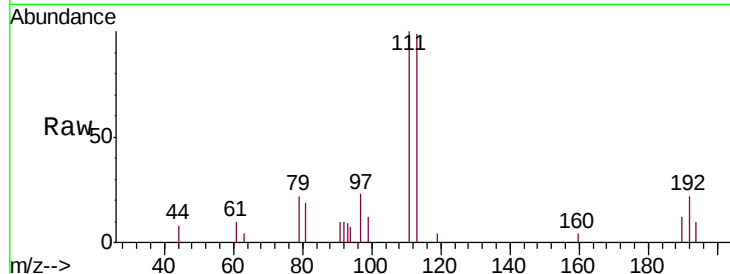




#32
 1,1,1-Trichloroethane
 Concen: 0.667 ug/l
 RT: 4.92 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: VU027079.D
 Acq: 23 Sep 2018 18:01

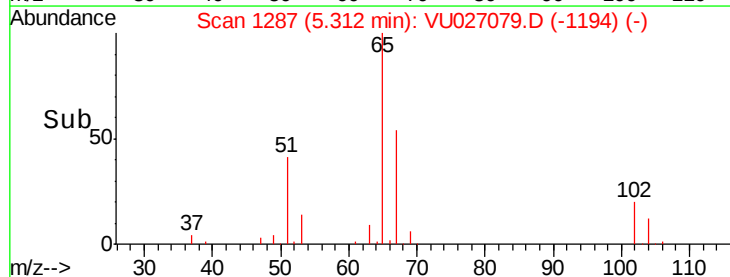
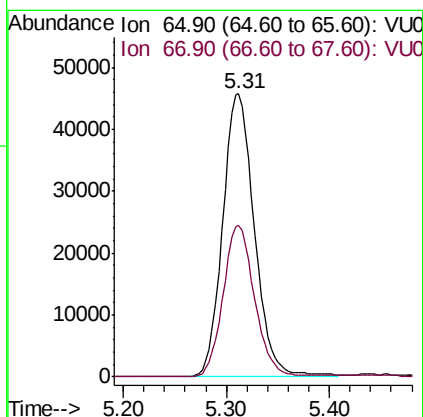
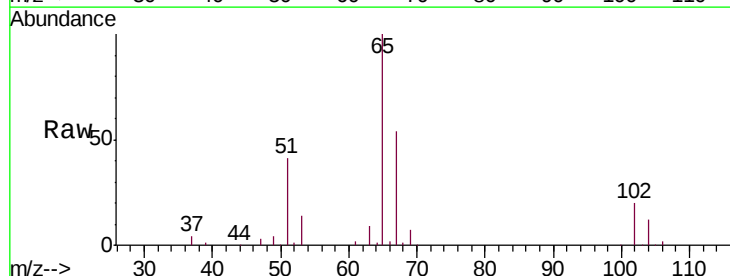
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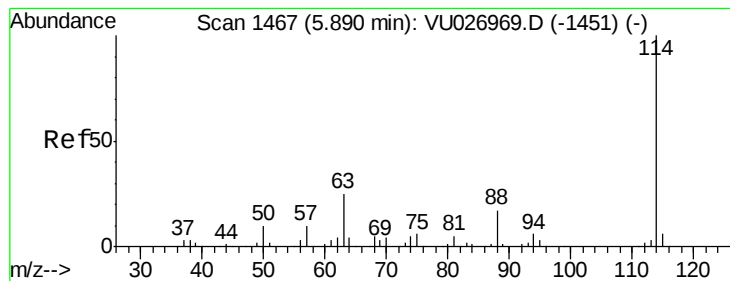
Tgt Ion: 97 Resp: 1507
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.8 77.6#
 61 52.6 41.1 61.7



#33
 1,2-Dichloroethane-d4
 Concen: 52.759 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027079.D
 Acq: 23 Sep 2018 18:01

Tgt Ion: 65 Resp: 98036
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1467

Delta R.T. 0.00 min

Lab File: VU027079.D

Acq: 23 Sep 2018 18:01

Instrument :

MSVOA_U

ClientSampleId :

BP-FW-MW01-20180916

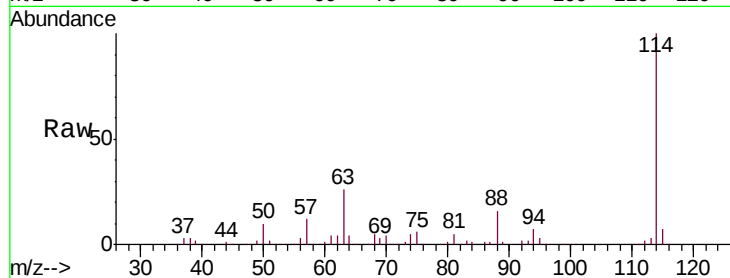
Tgt Ion:114 Resp: 156910

Ion Ratio Lower Upper

114 100

63 26.2 0.0 49.2

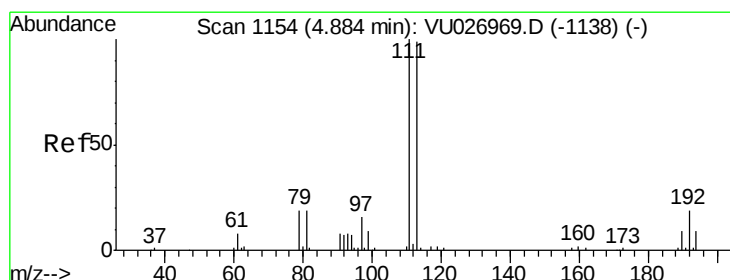
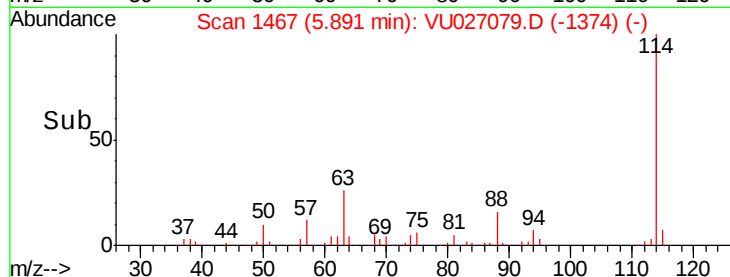
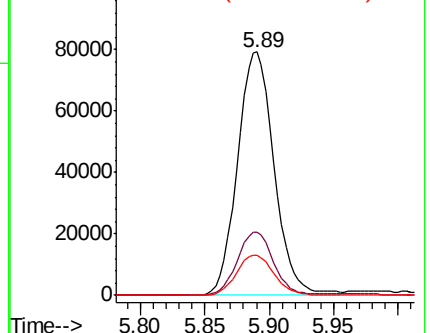
88 16.4 0.0 33.8



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: 48.839 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027079.D

Acq: 23 Sep 2018 18:01

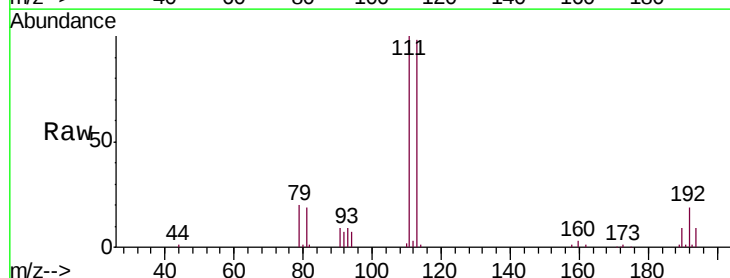
Tgt Ion:113 Resp: 66426

Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.4

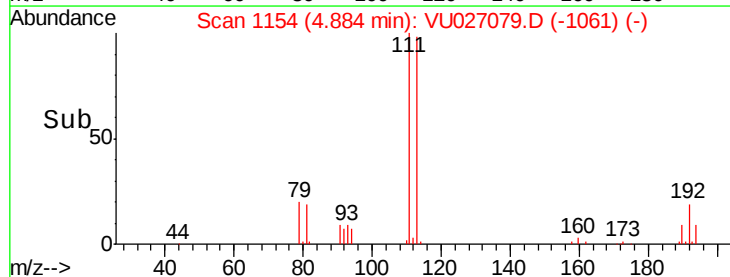
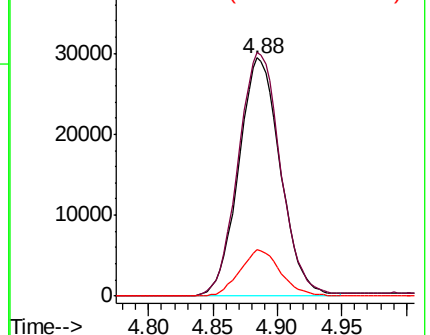
192 18.9 15.2 22.8

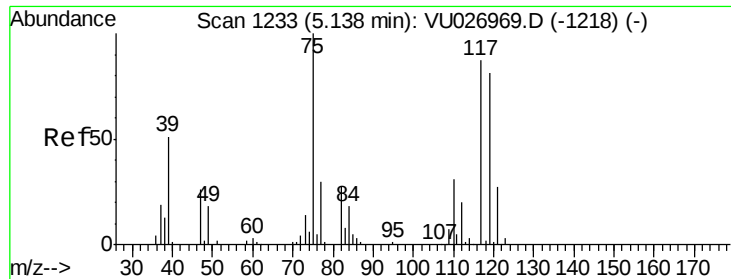


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

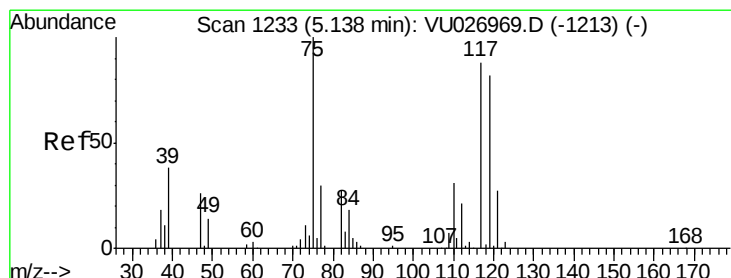
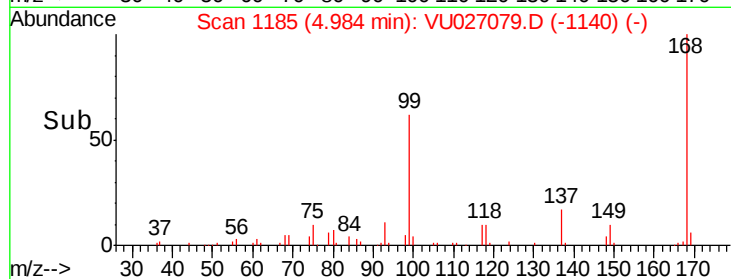
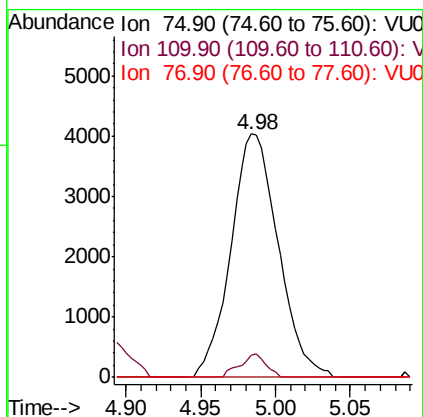
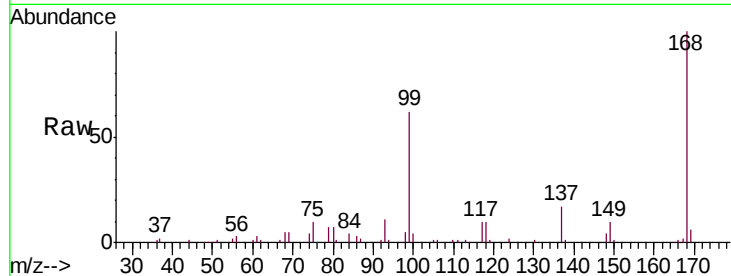




#36
 1,1-Dichloropropene
 Concen: 4.247 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027079.D
 Acq: 23 Sep 2018 18:01

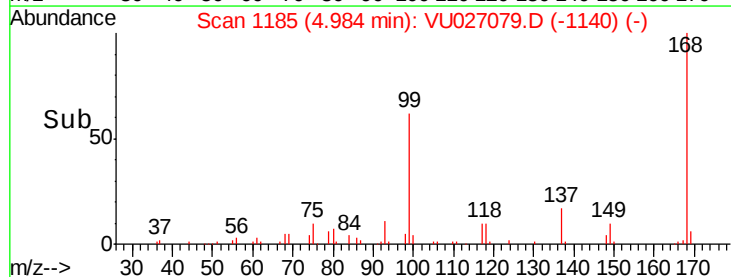
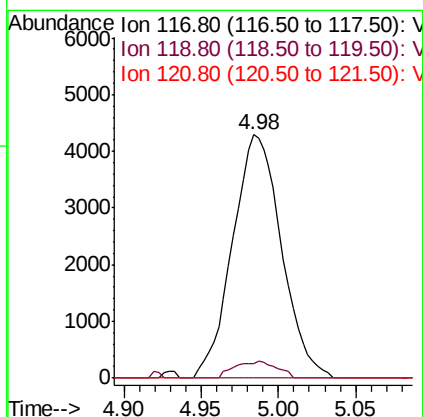
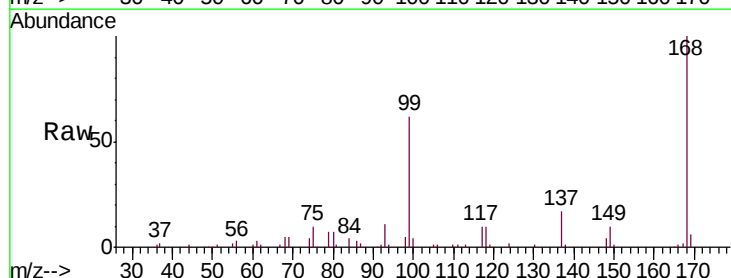
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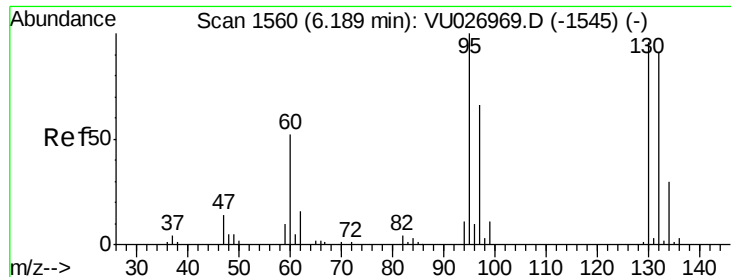
Tgt Ion: 75 Resp: 8893
 Ion Ratio Lower Upper
 75 100
 110 5.3 16.1 48.2#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 4.725 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027079.D
 Acq: 23 Sep 2018 18:01

Tgt Ion: 117 Resp: 9416
 Ion Ratio Lower Upper
 117 100
 119 6.2 74.4 111.6#
 121 0.0 24.2 36.4#





#44

Trichloroethene

Concen: 2.612 ug/l

RT: 6.19 min Scan# 1561

Delta R.T. 0.00 min

Lab File: VU027079.D

Acq: 23 Sep 2018 18:01

Instrument :

MSVOA_U

ClientSampleId :

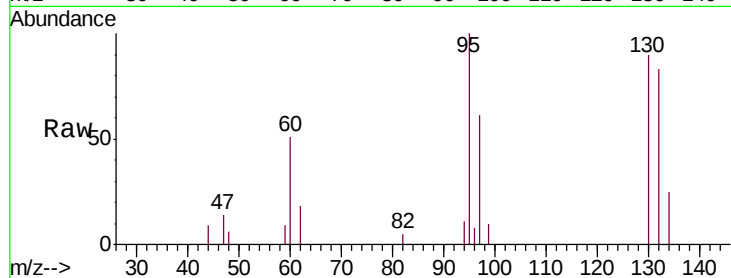
BP-FW-MW01-20180916

Tgt Ion:130 Resp: 3540

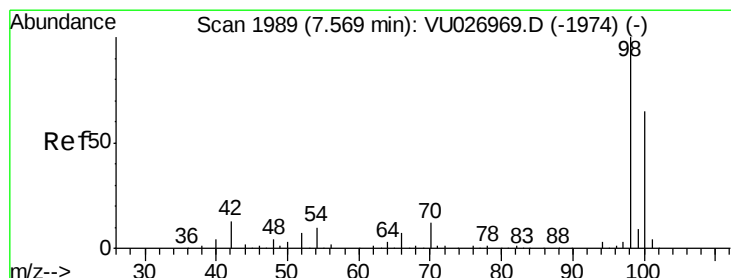
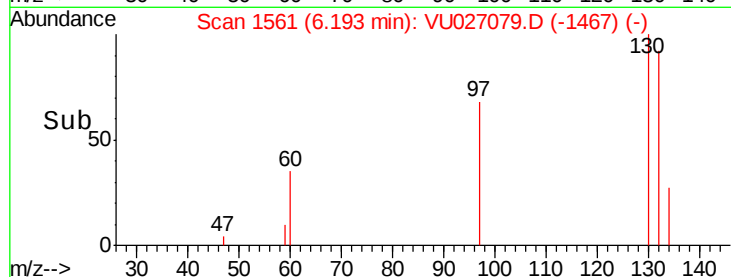
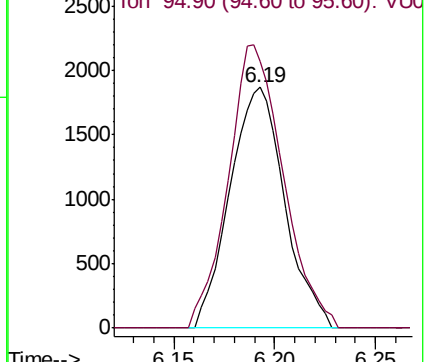
Ion Ratio Lower Upper

130 100

95 110.7 0.0 208.8



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



#50

Toluene-d8

Concen: 48.755 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027079.D

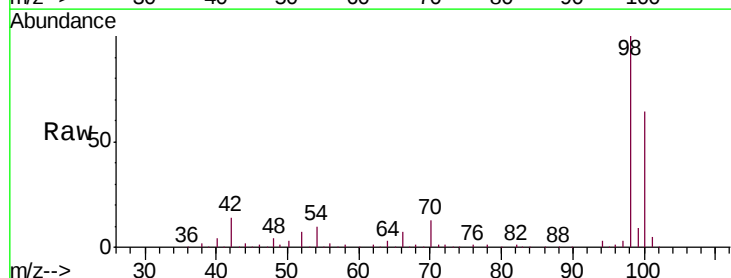
Acq: 23 Sep 2018 18:01

Tgt Ion: 98 Resp: 252715

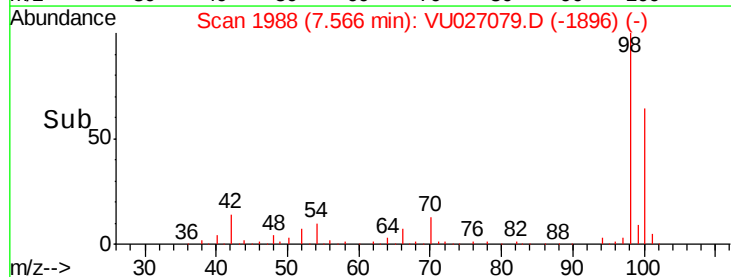
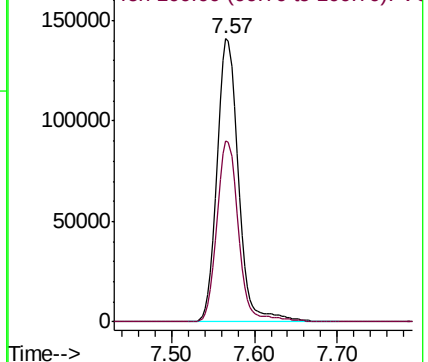
Ion Ratio Lower Upper

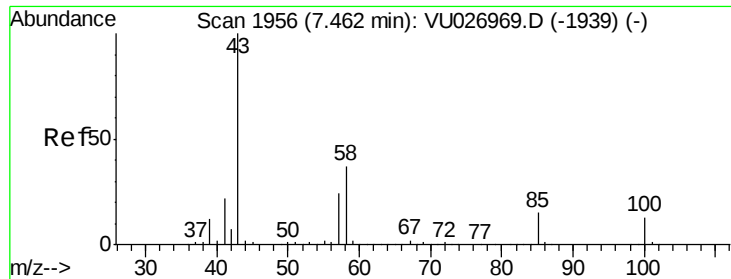
98 100

100 64.2 52.1 78.1



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

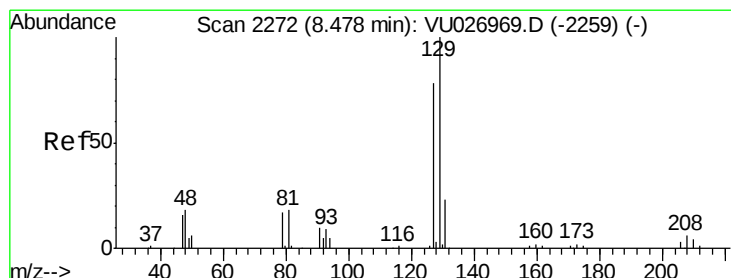
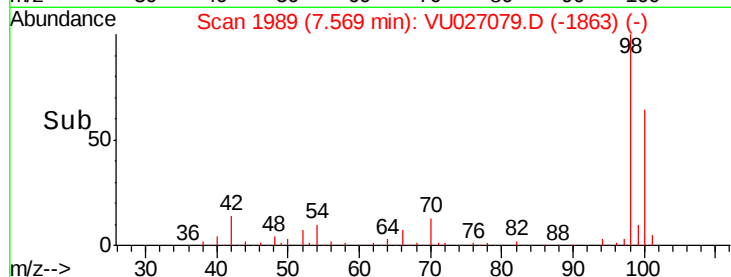
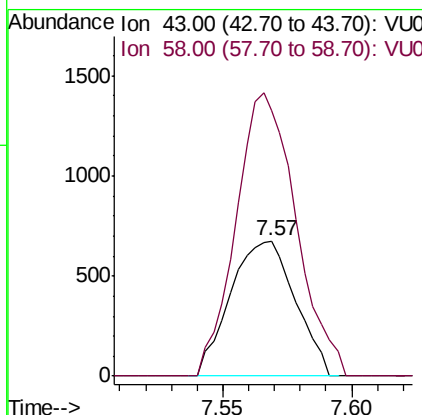
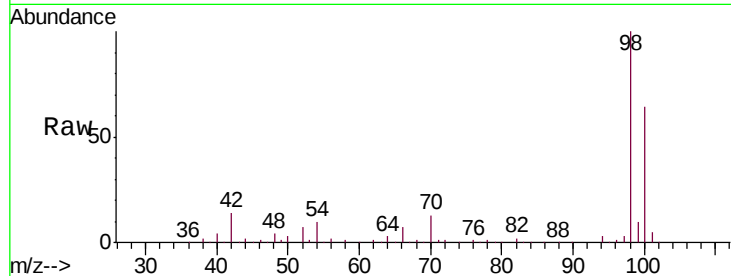




#51
 4-Methyl-2-Pentanone
 Concen: 0.426 ug/l
 RT: 7.57 min Scan# 1989
 Delta R.T. 0.11 min
 Lab File: VU027079.D
 Acq: 23 Sep 2018 18:01

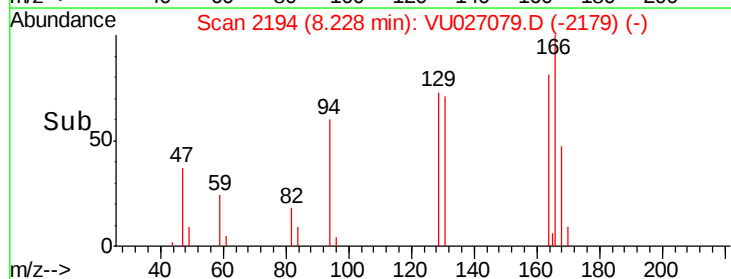
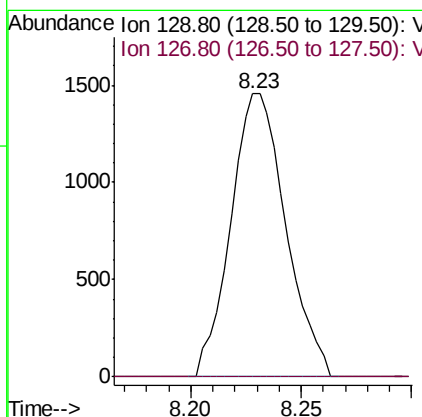
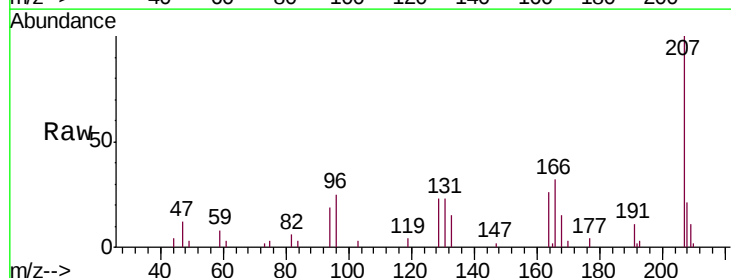
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-FW-MW01-20180916

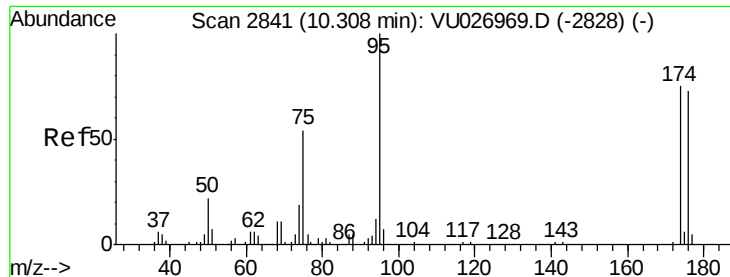
Tgt Ion: 43 Resp: 1185
 Ion Ratio Lower Upper
 43 100
 58 194.2 29.8 44.6#



#60
 Dibromochloromethane
 Concen: 1.658 ug/l
 RT: 8.23 min Scan# 2194
 Delta R.T. -0.25 min
 Lab File: VU027079.D
 Acq: 23 Sep 2018 18:01

Tgt Ion: 129 Resp: 2515
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.1 114.5#

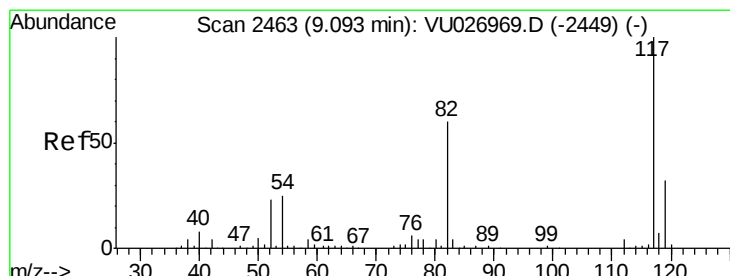
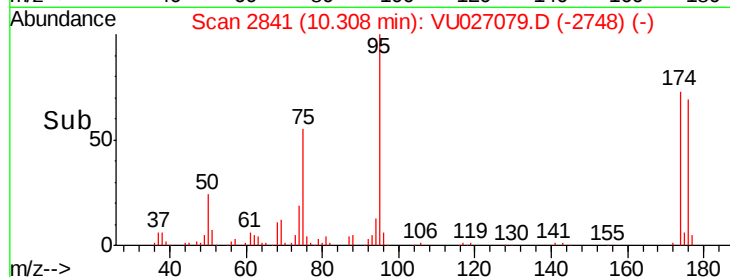
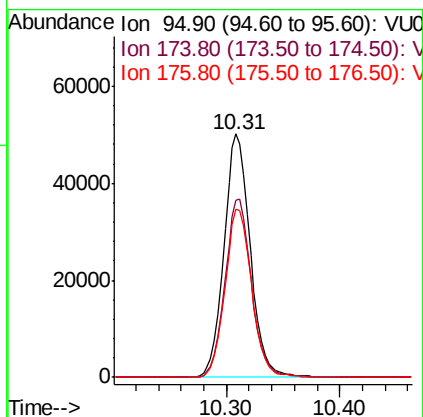
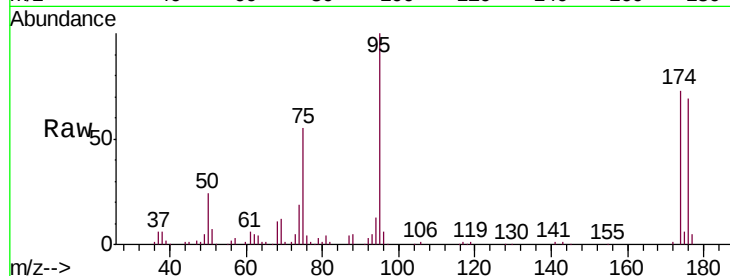




#62
 4-Bromofluorobenzene
 Concen: 45.359 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027079.D
 Acq: 23 Sep 2018 18:01

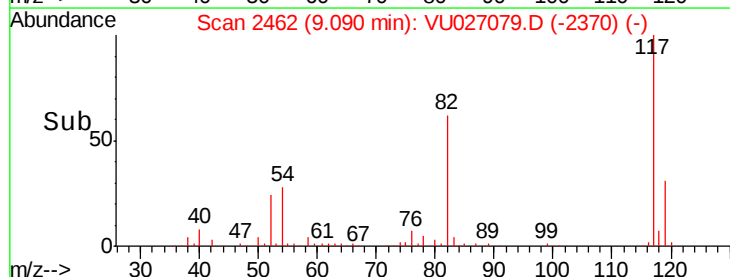
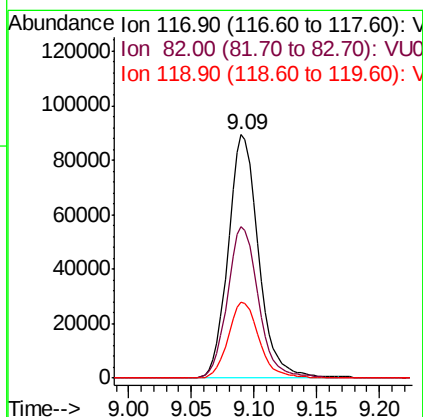
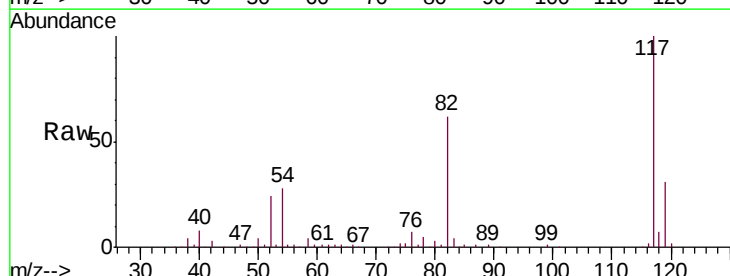
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-FW-MW01-20180916

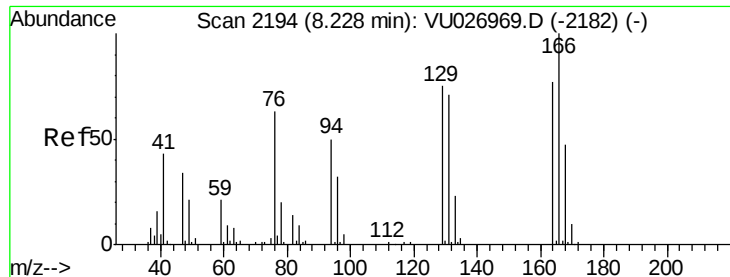
Tgt Ion: 95 Resp: 80675
 Ion Ratio Lower Upper
 95 100
 174 74.3 0.0 150.2
 176 70.4 0.0 145.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VU027079.D
 Acq: 23 Sep 2018 18:01

Tgt Ion: 117 Resp: 150333
 Ion Ratio Lower Upper
 117 100
 82 62.4 48.0 72.0
 119 31.1 25.8 38.8

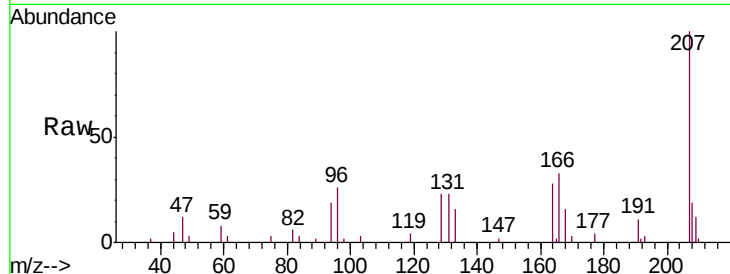




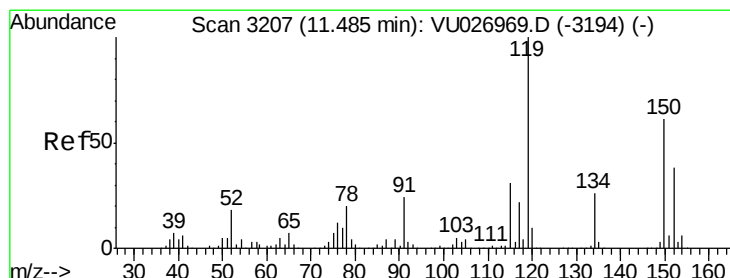
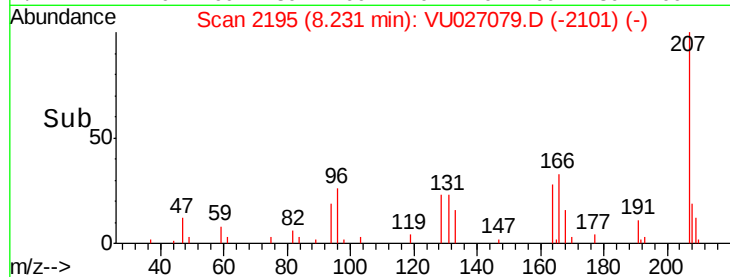
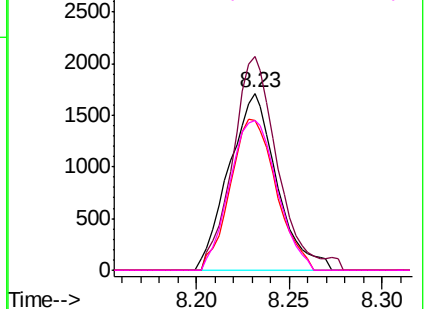
#64
Tetrachloroethene
Concen: 2.654 ug/l
RT: 8.23 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VU027079.D
Acq: 23 Sep 2018 18:01

Instrument :
MSVOA_U
ClientSampleId :
BP-FW-MW01-20180916

Tgt Ion:164 Resp: 3074
Ion Ratio Lower Upper
164 100
166 120.5 104.4 156.6
129 84.8 78.7 118.1
131 84.6 73.9 110.9

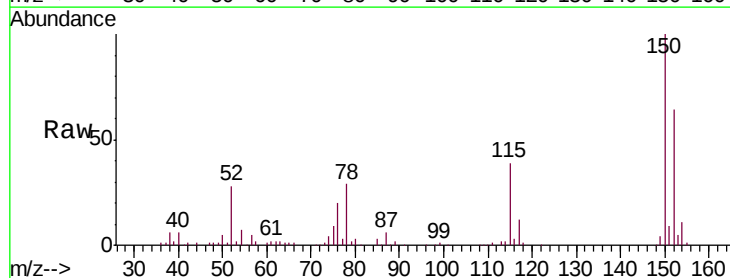


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

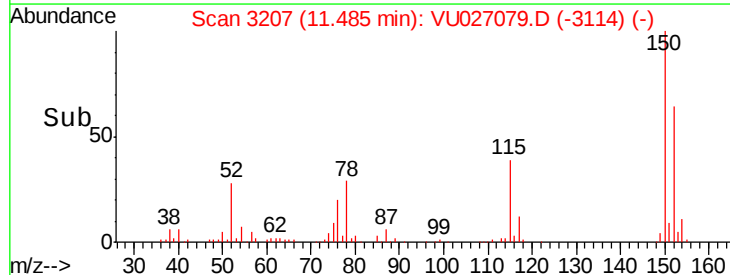
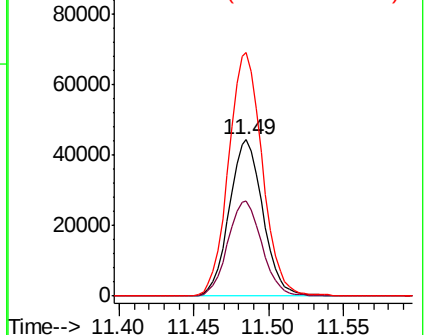


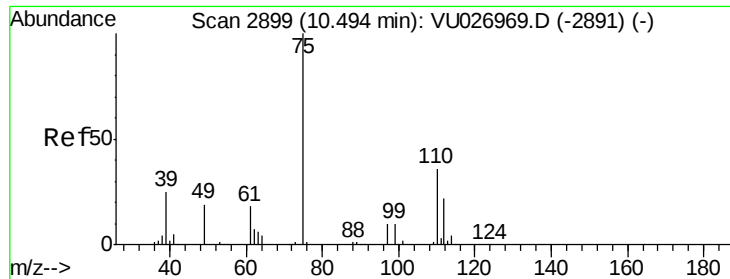
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027079.D
Acq: 23 Sep 2018 18:01

Tgt Ion:152 Resp: 69426
Ion Ratio Lower Upper
152 100
115 61.9 44.9 134.5
150 156.9 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





#76

1,2,3-Trichloropropane

Concen: 20.930 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027079.D

Acq: 23 Sep 2018 18:01

Instrument :

MSVOA_U

ClientSampleId :

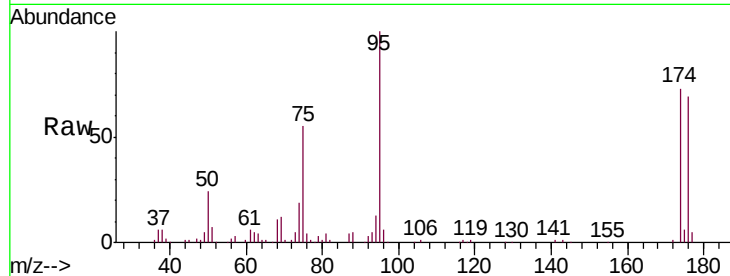
BP-FW-MW01-20180916

Tgt Ion: 75 Resp: 44144

Ion Ratio Lower Upper

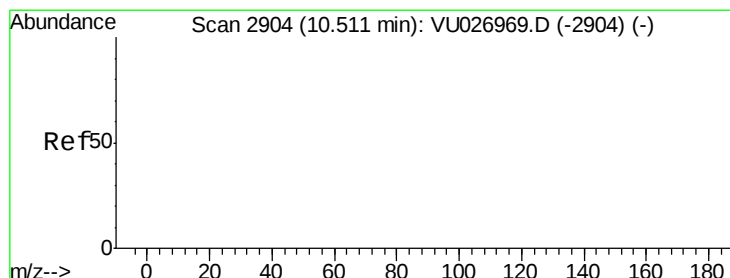
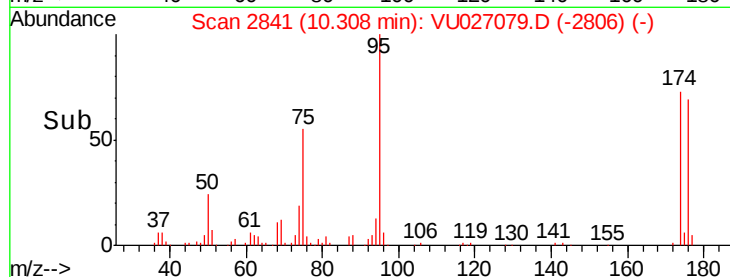
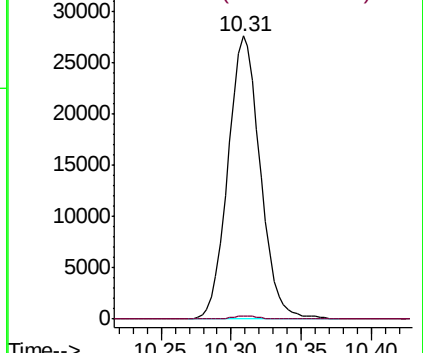
75 100

77 0.9 20.9 62.8#



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: 66.979 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.21 min

Lab File: VU027079.D

Acq: 23 Sep 2018 18:01

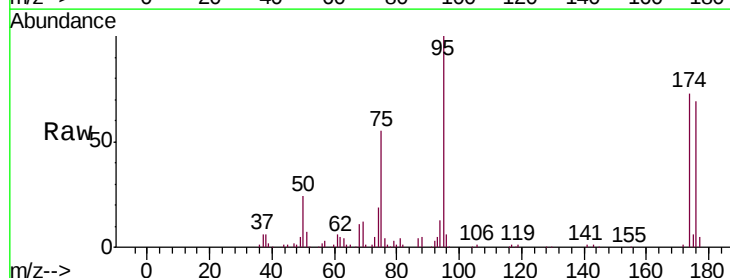
Tgt Ion: 75 Resp: 44144

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0#

89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

