

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\  
 Data File : VW003988.D  
 Acq On : 17 Jul 2018 16:36  
 Operator : VA/AP  
 Sample : J3819-01  
 Misc : 5.86G/5ML/MSVOA W/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 AU-05-071318-A

Quant Time: Jul 18 04:49:53 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W071618S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 16 15:06:12 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 124784   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.85  | 114  | 229206   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.64 | 117  | 165835   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 54971    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 110843   | 79.47 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 158.94% |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 90122    | 61.28 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 122.56% |          |
| 50) Toluene-d8              | 10.33 | 98   | 239756   | 42.02 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 84.04%  |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 59145    | 28.74 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 57.48%  |          |

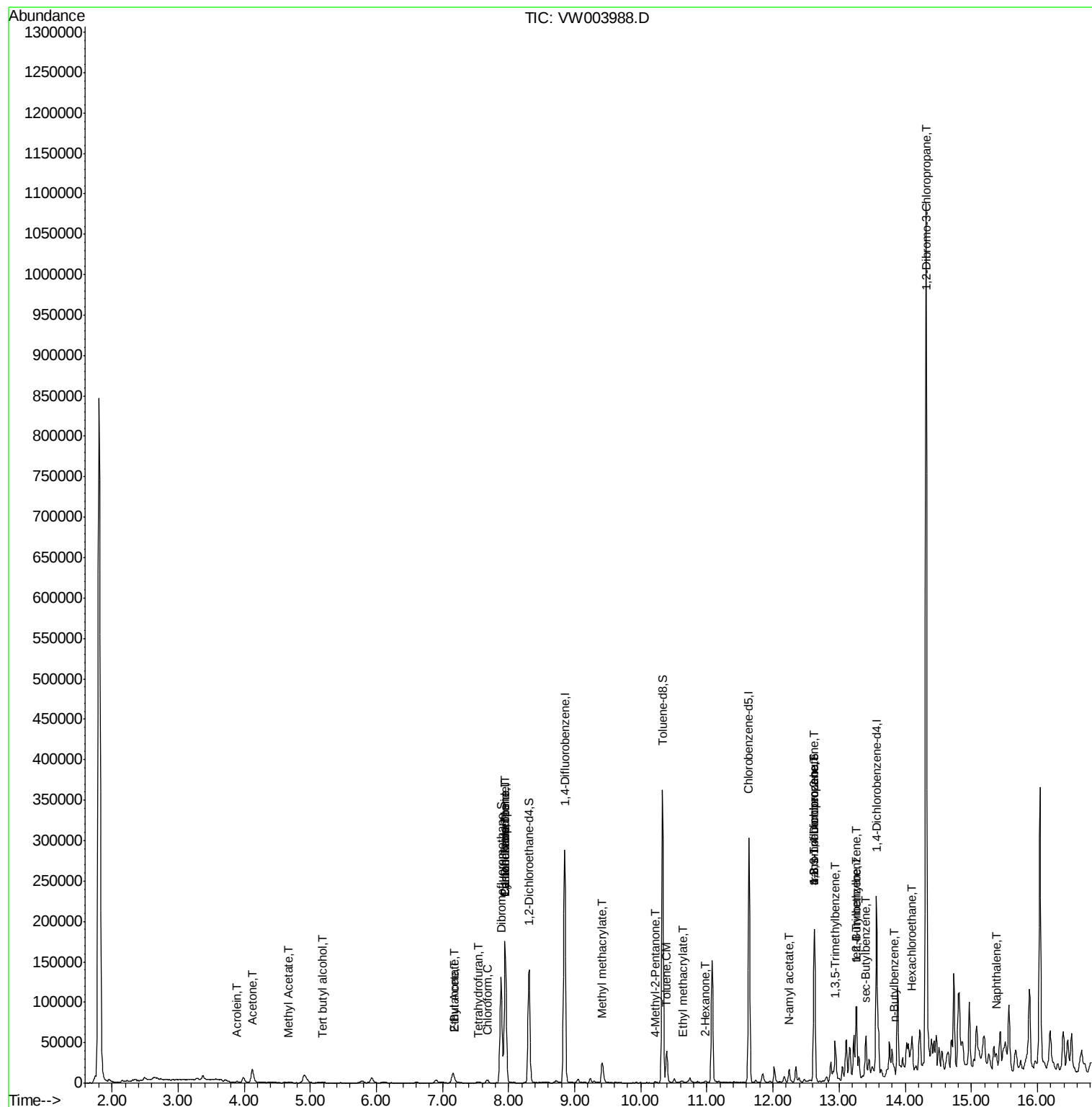
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 11) Tert butyl alcohol         | 5.20  | 59   | 600      | 6.231     | ug/l # | 72     |
| 13) Acrolein                   | 3.89  | 56   | 1258     | 12.715    | ug/l # | 77     |
| 16) Acetone                    | 4.12  | 43   | 28591    | 85.301    | ug/l   | 96     |
| 18) Methyl Acetate             | 4.67  | 43   | 939      | 1.167     | ug/l # | 58     |
| 20) Methylene Chloride         | 4.90  | 84   | 8976     | Below Cal | #      | 87     |
| 25) 2-Butanone                 | 7.18  | 43   | 4558     | 10.105    | ug/l   | 97     |
| 29) Tetrahydrofuran            | 7.54  | 42   | 417      | 1.484     | ug/l # | 57     |
| 30) Chloroform                 | 7.68  | 83   | 3069     | 1.250     | ug/l   | 92     |
| 31) Cyclohexane                | 7.95  | 56   | 3279     | 1.417     | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 7.95  | 75   | 10778    | 4.570     | ug/l # | 51     |
| 37) Ethyl Acetate              | 7.18  | 43   | 4558     | 4.007     | ug/l # | 70     |
| 38) Carbon Tetrachloride       | 7.95  | 117  | 12822    | 5.819     | ug/l # | 18     |
| 48) Methyl methacrylate        | 9.42  | 41   | 6872     | 6.679     | ug/l # | 47     |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 1197     | 1.056     | ug/l # | 80     |
| 52) Toluene                    | 10.39 | 92   | 14947    | 3.695     | ug/l   | 100    |
| 56) Ethyl methacrylate         | 10.65 | 69   | 21       | 2.957     | ug/l # | 22     |
| 59) 2-Hexanone                 | 10.98 | 43   | 1618     | 2.025     | ug/l   | 98     |
| 74) N-amyl acetate             | 12.24 | 43   | 8773     | 8.668     | ug/l # | 56     |
| 76) 1,2,3-Trichloropropane     | 12.62 | 75   | 31473    | 57.671    | ug/l # | 100    |
| 80) 1,3,5-Trimethylbenzene     | 12.95 | 105  | 8525     | 2.608     | ug/l   | 98     |
| 81) trans-1,4-Dichloro-2-buten | 12.62 | 75   | 31473    | 127.566   | ug/l # | 11     |
| 83) tert-Butylbenzene          | 13.26 | 119  | 6103     | 2.224     | ug/l # | 65     |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 45942    | 13.660    | ug/l   | 96     |
| 85) sec-Butylbenzene           | 13.39 | 105  | 4768     | 1.171     | ug/l   | 89     |
| 89) n-Butylbenzene             | 13.84 | 91   | 4863     | 1.385     | ug/l # | 71     |
| 90) Hexachloroethane           | 14.11 | 117  | 2430     | 3.691     | ug/l # | 9      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.32 | 75   | 30634    | 229.329   | ug/l # | 4      |
| 95) Naphthalene                | 15.38 | 128  | 13986    | 6.523     | ug/l # | 91     |

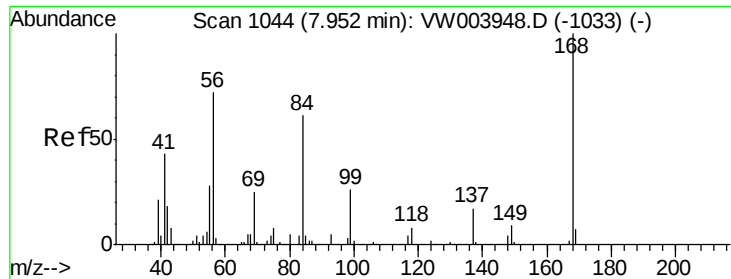
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Mon Jul 16 15:06:12 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003988.D

Acq: 17 Jul 2018 16:36

Instrument :

MSVOA\_W

ClientSampleId :

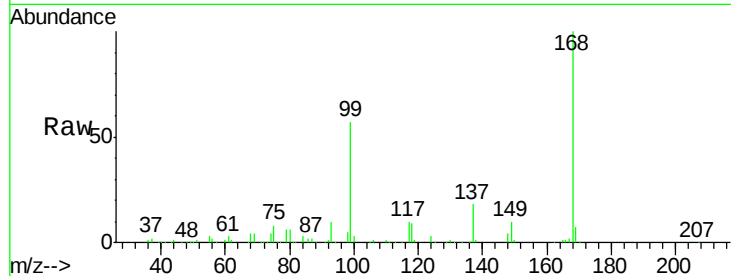
AU-05-071318-A

Tot Ion:168 Resp: 124784

Ion Ratio Lower Upper

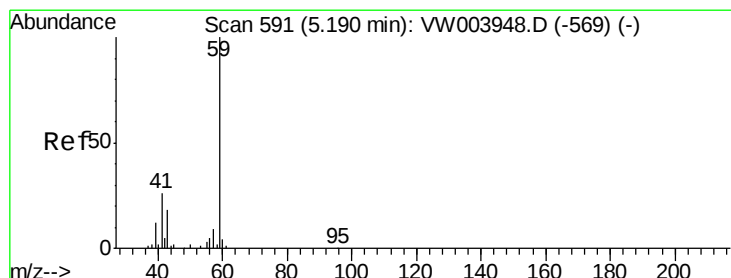
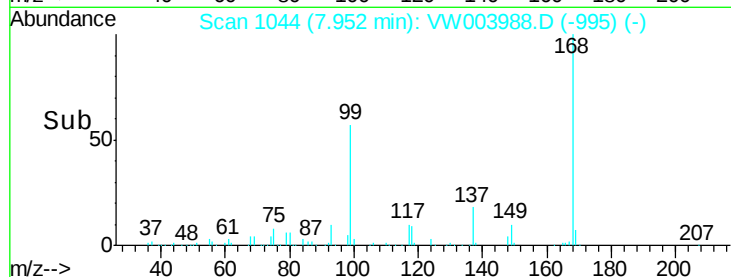
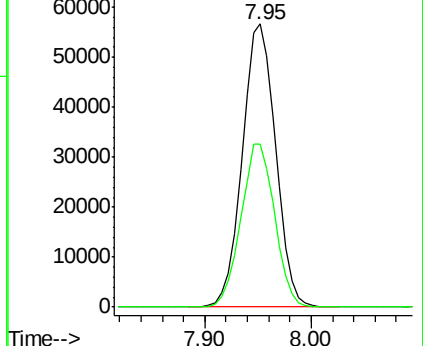
168 100

99 57.4 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 6.231 ug/l

RT: 5.20 min Scan# 592

Delta R.T. 0.01 min

Lab File: VW003988.D

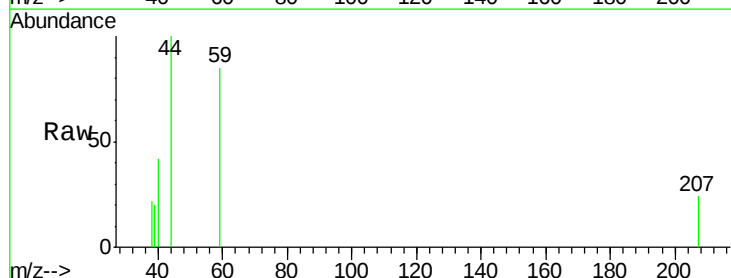
Acq: 17 Jul 2018 16:36

Tgt Ion: 59 Resp: 600

Ion Ratio Lower Upper

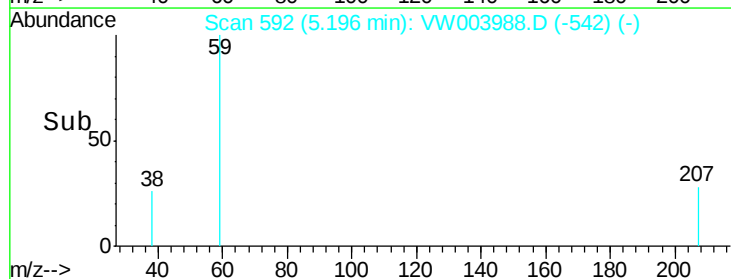
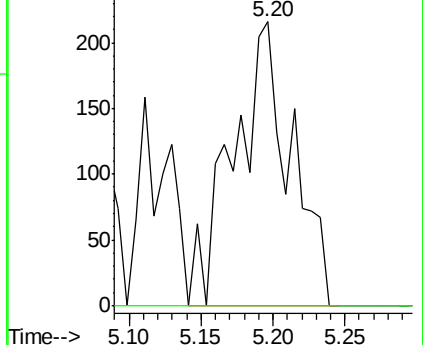
59 100

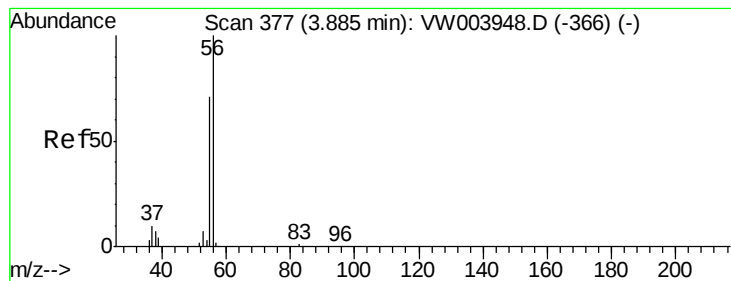
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 12.715 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.01 min

Lab File: VW003988.D

Acq: 17 Jul 2018 16:36

Instrument :

MSVOA\_W

ClientSampleId :

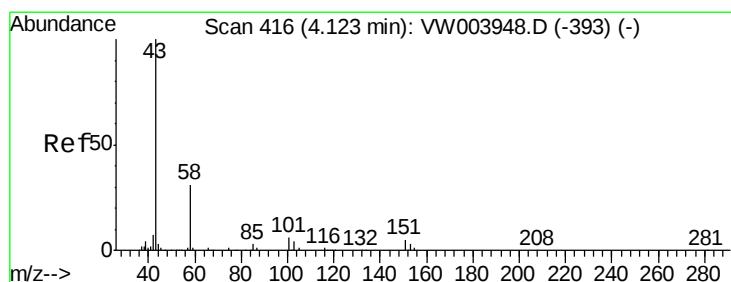
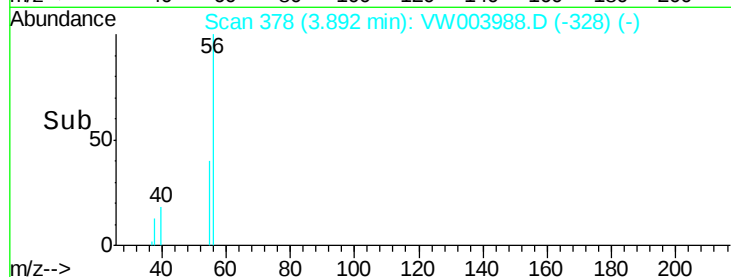
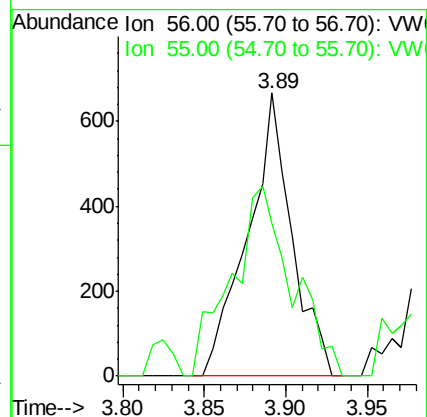
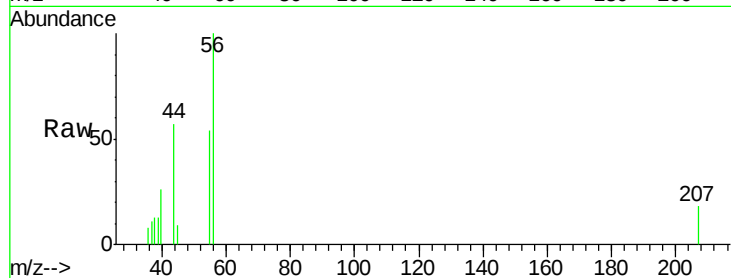
AU-05-071318-A

Tot Ion: 56 Resp: 1258

Ion Ratio Lower Upper

56 100

55 92.3 58.2 87.4#



#16

Acetone

Concen: 85.301 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.00 min

Lab File: VW003988.D

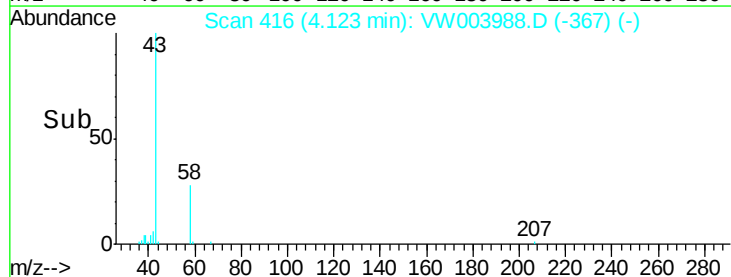
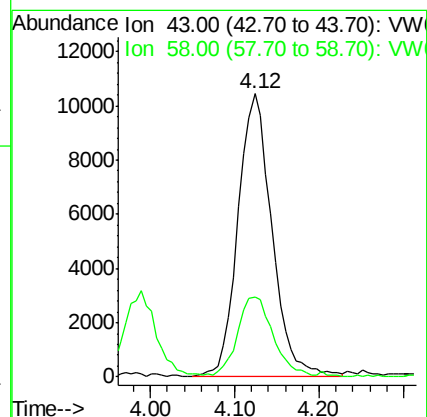
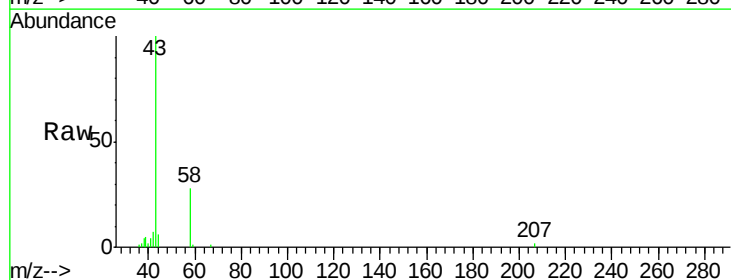
Acq: 17 Jul 2018 16:36

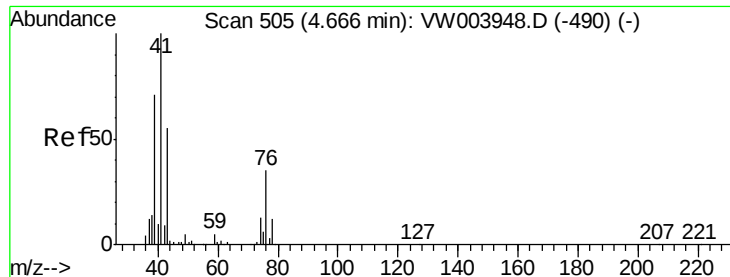
Tgt Ion: 43 Resp: 28591

Ion Ratio Lower Upper

43 100

58 28.2 24.5 36.7

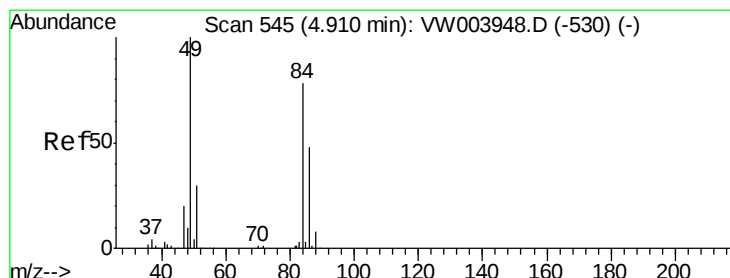
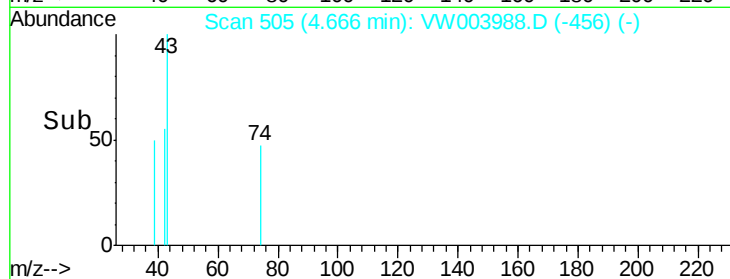
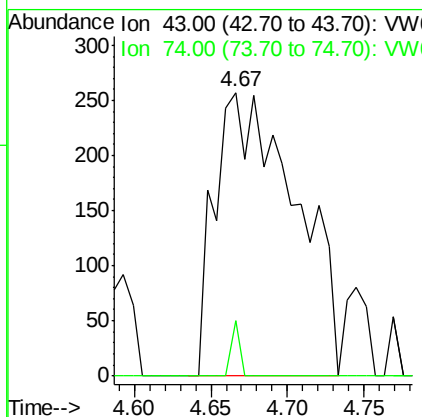
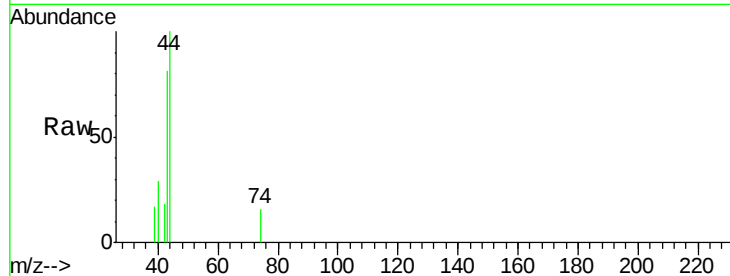




#18  
Methyl Acetate  
Concen: 1.167 ug/l  
RT: 4.67 min Scan# 505  
Delta R.T. 0.00 min  
Lab File: VW003988.D  
Acq: 17 Jul 2018 16:36

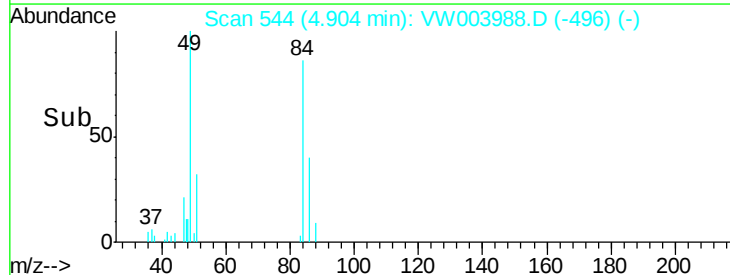
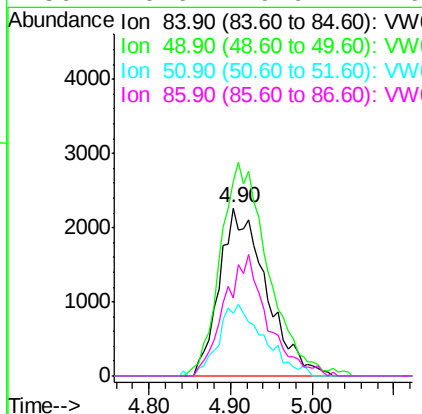
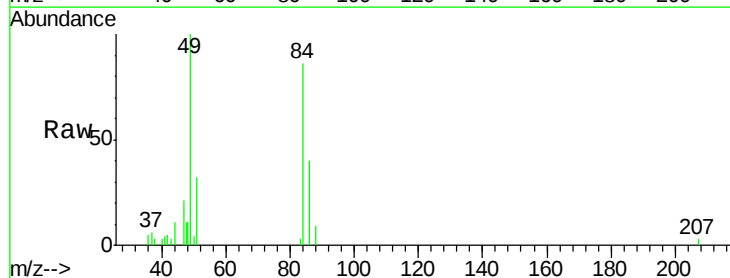
Instrument :  
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ClientSampleId :  
AU-05-071318-A

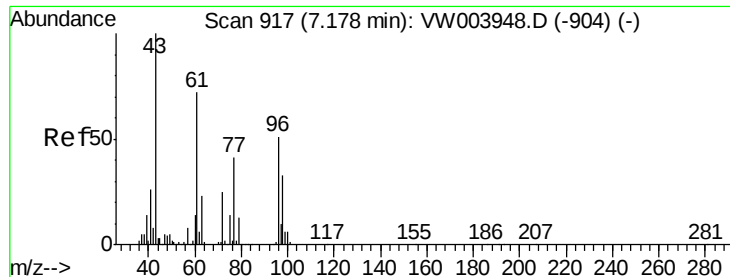
Tot Ion: 43 Resp: 939  
Ion Ratio Lower Upper  
43 100  
74 1.9 17.7 26.5#



#20  
Methylene Chloride  
Concen: Below Cal  
RT: 4.90 min Scan# 544  
Delta R.T. -0.01 min  
Lab File: VW003988.D  
Acq: 17 Jul 2018 16:36

Tgt Ion: 84 Resp: 8976  
Ion Ratio Lower Upper  
84 100  
49 113.6 102.9 154.3  
51 37.2 30.9 46.3  
86 46.6 49.9 74.9#





#25

2-Butanone

Concen: 10.105 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW003988.D

Acq: 17 Jul 2018 16:36

Instrument :

MSVOA\_W

ClientSampleId :

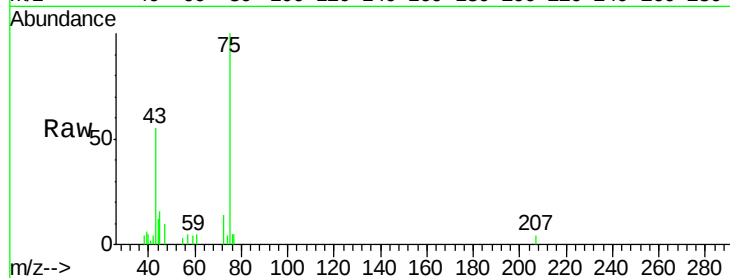
AU-05-071318-A

Tot Ion: 43 Resp: 4558

Ion Ratio Lower Upper

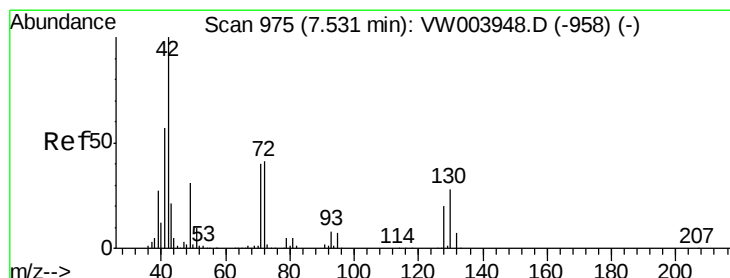
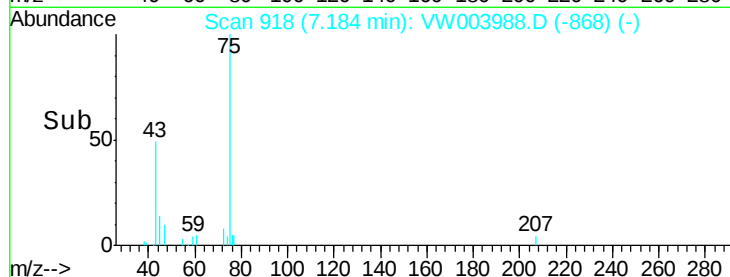
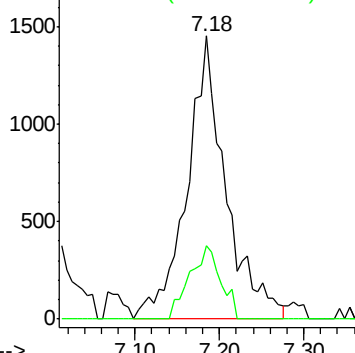
43 100

72 26.1 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#29

Tetrahydrofuran

Concen: 1.484 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW003988.D

Acq: 17 Jul 2018 16:36

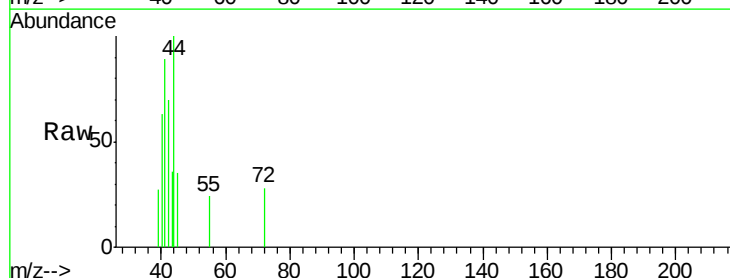
Tgt Ion: 42 Resp: 417

Ion Ratio Lower Upper

42 100

72 11.8 32.6 48.8#

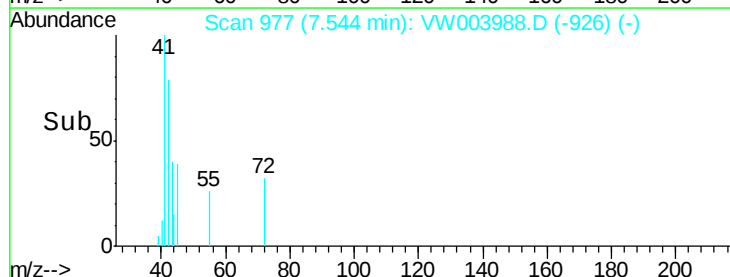
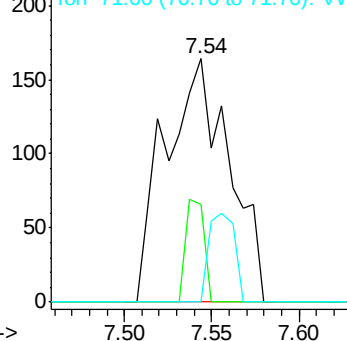
71 14.6 30.5 45.7#

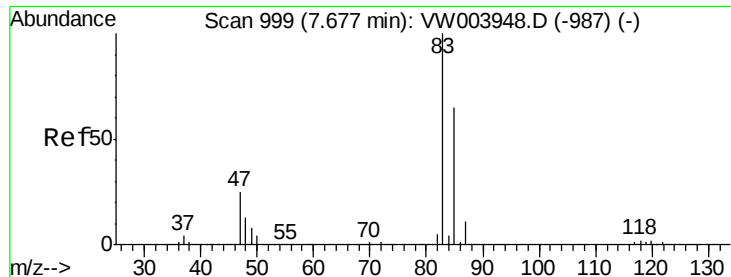


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

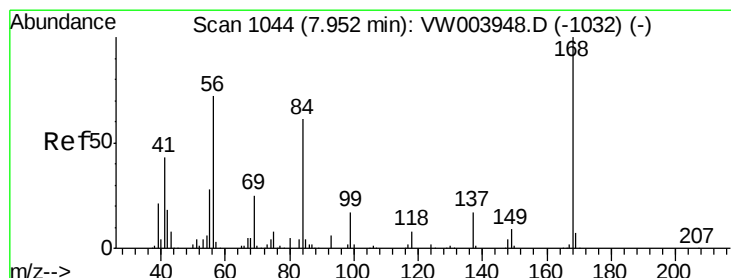
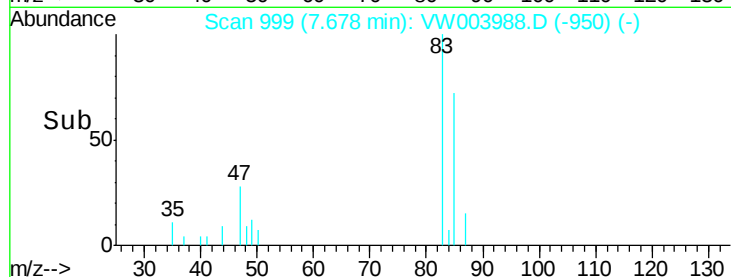
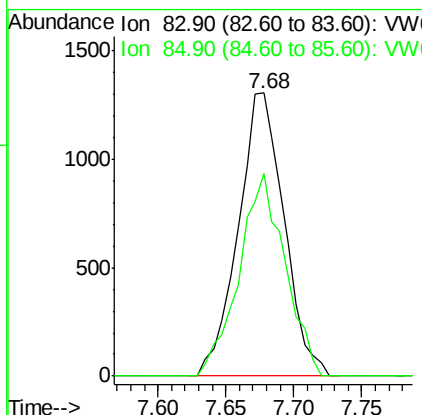
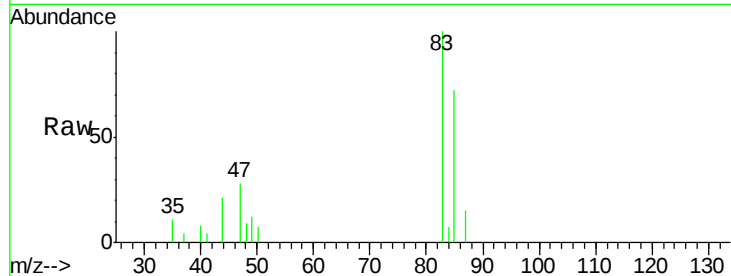




#30  
Chloroform  
Concen: 1.250 ug/l  
RT: 7.68 min Scan# 999  
Delta R.T. 0.00 min  
Lab File: VW003988.D  
Acq: 17 Jul 2018 16:36

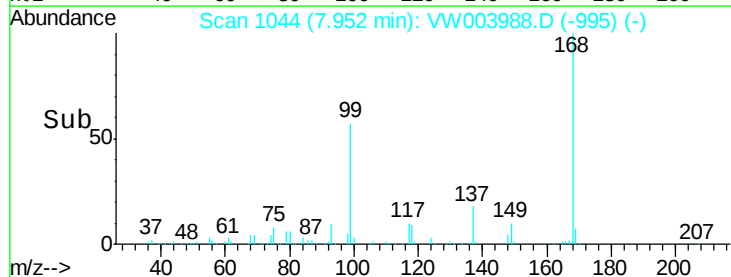
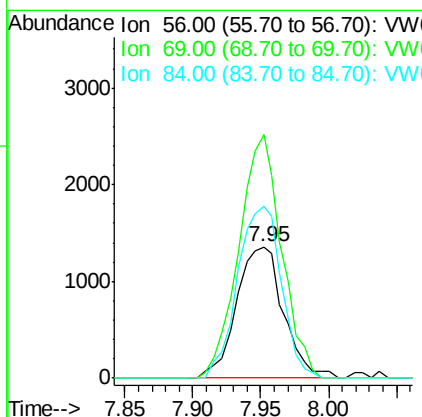
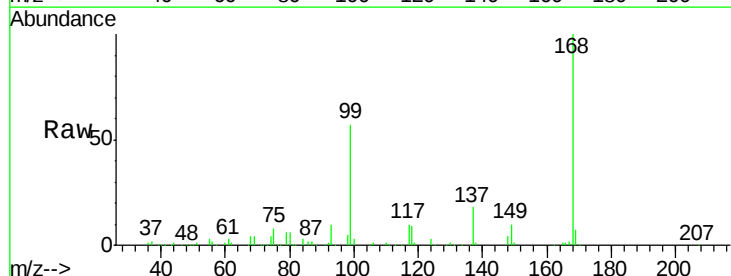
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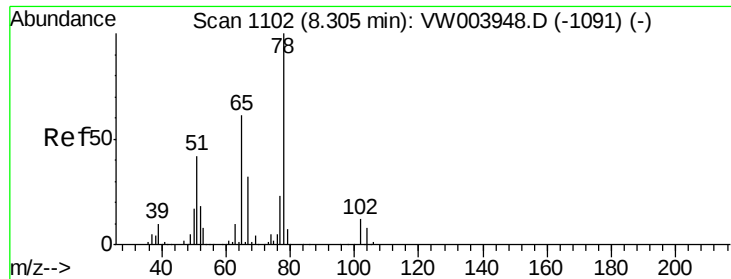
Tot Ion: 83 Resp: 3069  
Ion Ratio Lower Upper  
83 100  
85 71.7 52.2 78.4



#31  
Cyclohexane  
Concen: 1.417 ug/l  
RT: 7.95 min Scan# 1044  
Delta R.T. 0.00 min  
Lab File: VW003988.D  
Acq: 17 Jul 2018 16:36

Tgt Ion: 56 Resp: 3279  
Ion Ratio Lower Upper  
56 100  
69 185.4 27.8 41.8#  
84 130.9 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 79.467 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW003988.D

Acq: 17 Jul 2018 16:36

Instrument :

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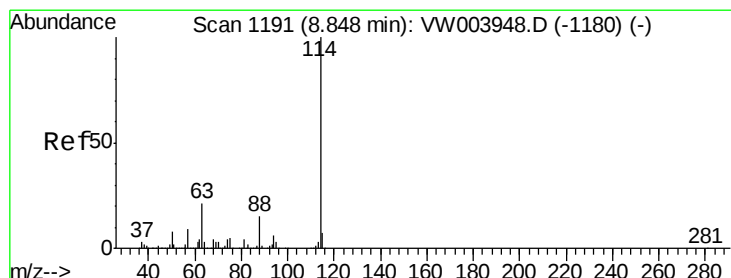
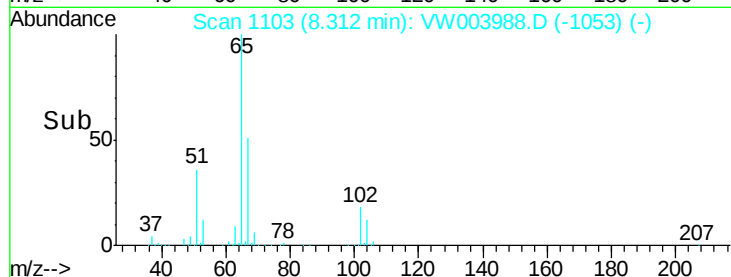
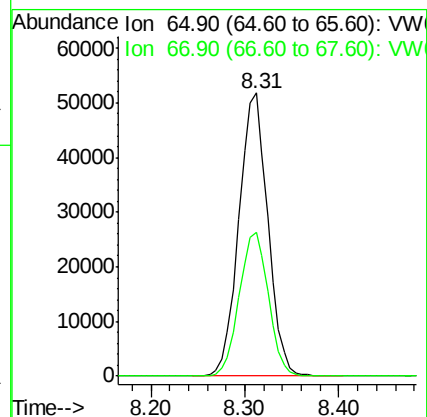
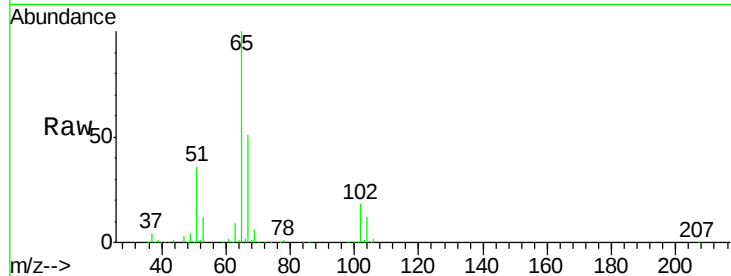
AU-05-071318-A

Tot Ion: 65 Resp: 110843

Ion Ratio Lower Upper

65 100

67 51.2 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003988.D

Acq: 17 Jul 2018 16:36

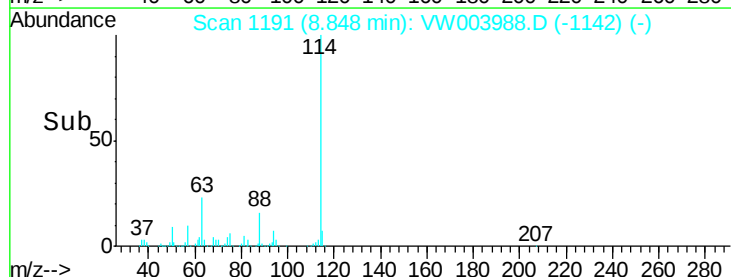
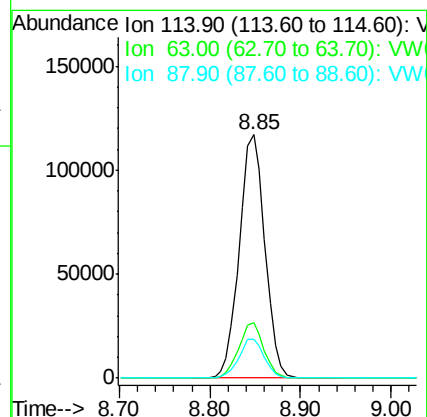
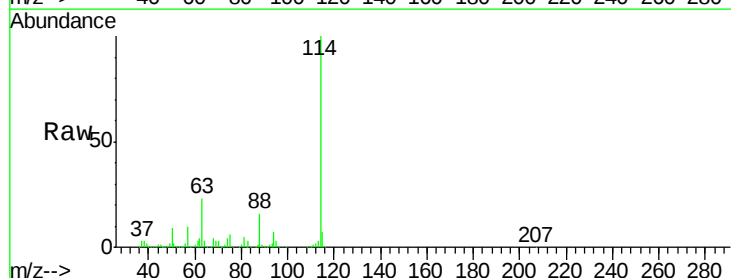
Tgt Ion: 114 Resp: 229206

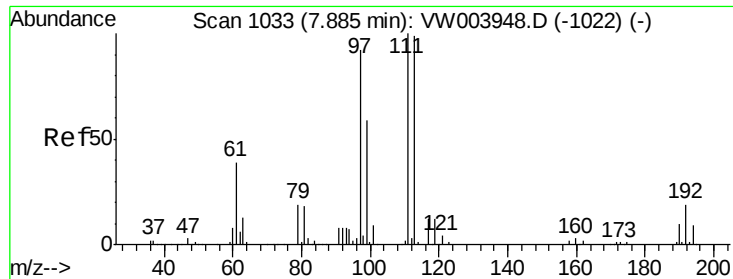
Ion Ratio Lower Upper

114 100

63 22.7 0.0 42.8

88 15.9 0.0 30.4

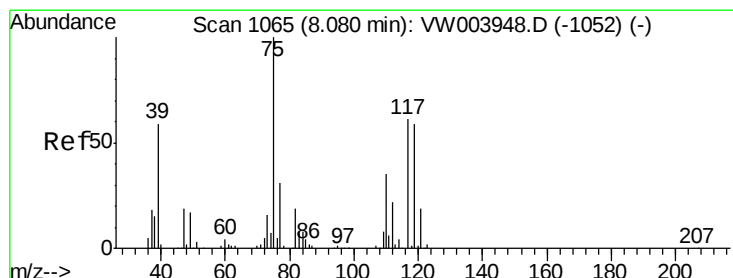
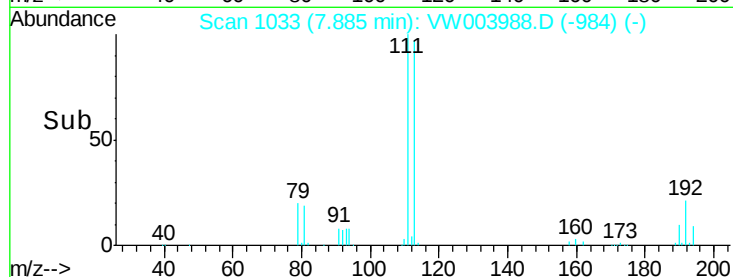
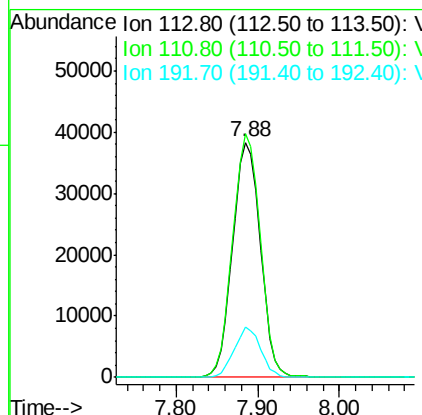
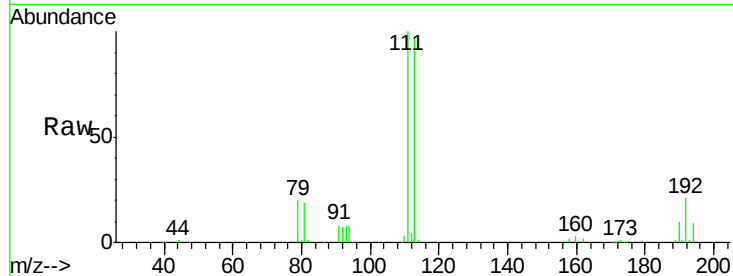




#35  
Dibromofluoromethane  
Concen: 61.281 ug/l  
RT: 7.88 min Scan# 1033  
Delta R.T. 0.00 min  
Lab File: VW003988.D  
Acq: 17 Jul 2018 16:36

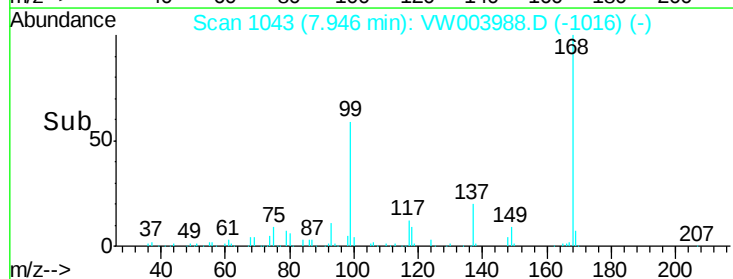
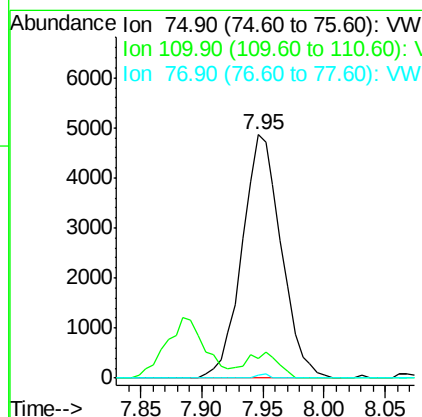
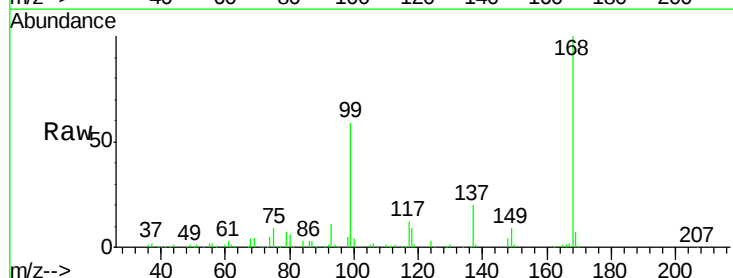
Instrument :  
MSVOA\_W  
ClientSampleId :  
AU-05-071318-A

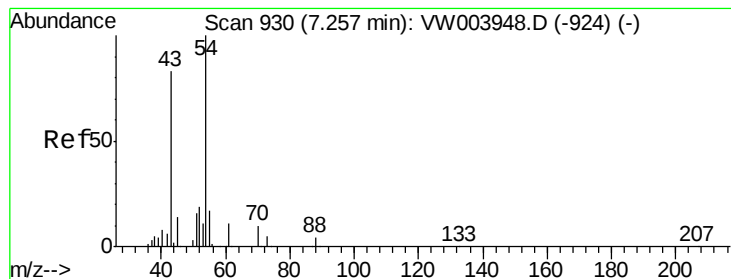
Tot Ion:113 Resp: 90122  
Ion Ratio Lower Upper  
113 100  
111 103.0 81.3 121.9  
192 20.4 15.8 23.6



#36  
1,1-Dichloropropene  
Concen: 4.570 ug/l  
RT: 7.95 min Scan# 1043  
Delta R.T. -0.13 min  
Lab File: VW003988.D  
Acq: 17 Jul 2018 16:36

Tgt Ion: 75 Resp: 10778  
Ion Ratio Lower Upper  
75 100  
110 9.0 17.0 51.0#  
77 0.5 24.9 37.3#





#37

Ethyl Acetate

Concen: 4.007 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.07 min

Lab File: VW003988.D

Acq: 17 Jul 2018 16:36

Instrument :

MSVOA\_W

ClientSampleId :

AU-05-071318-A

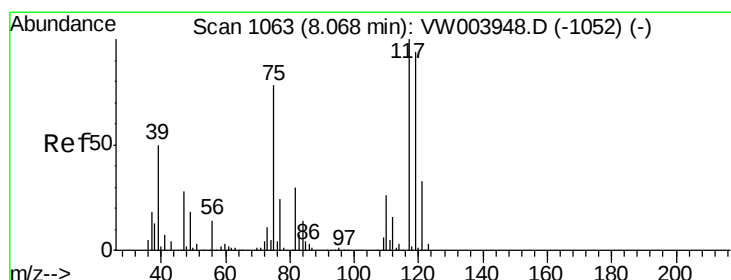
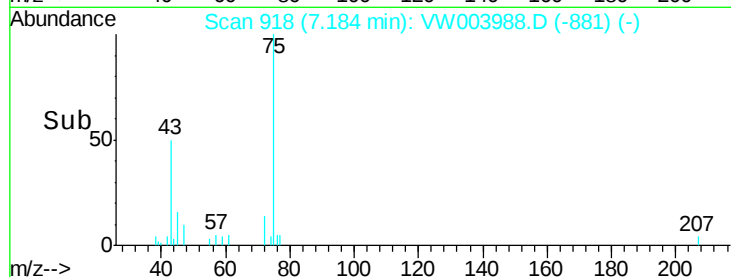
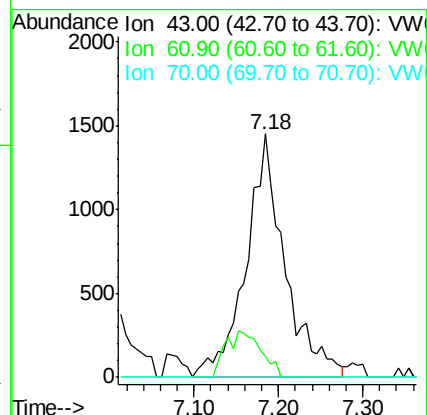
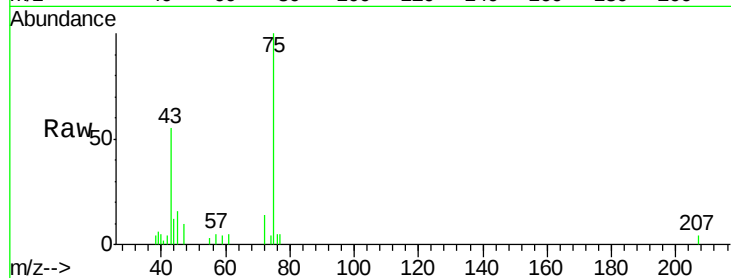
Tot Ion: 43 Resp: 4558

Ion Ratio Lower Upper

43 100

61 0.0 10.7 16.1#

70 0.0 7.7 11.5#



#38

Carbon Tetrachloride

Concen: 5.819 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW003988.D

Acq: 17 Jul 2018 16:36

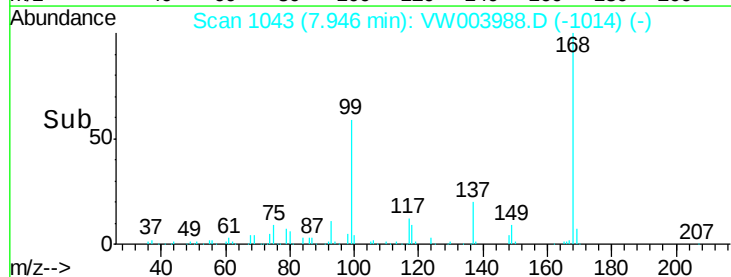
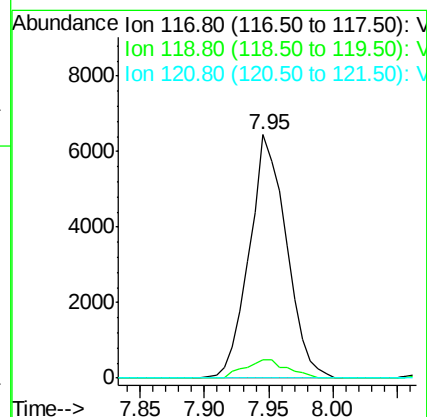
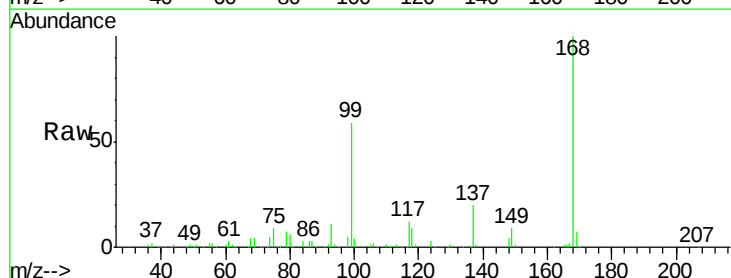
Tgt Ion: 117 Resp: 12822

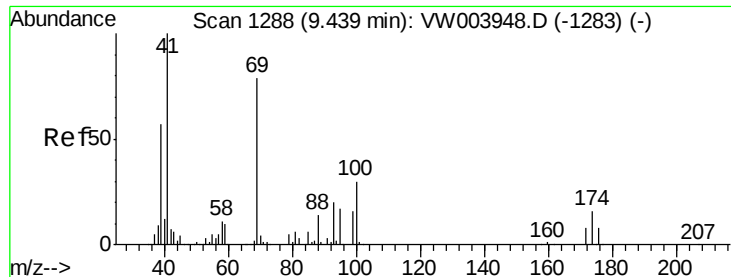
Ion Ratio Lower Upper

117 100

119 7.4 75.3 112.9#

121 0.0 26.0 39.0#

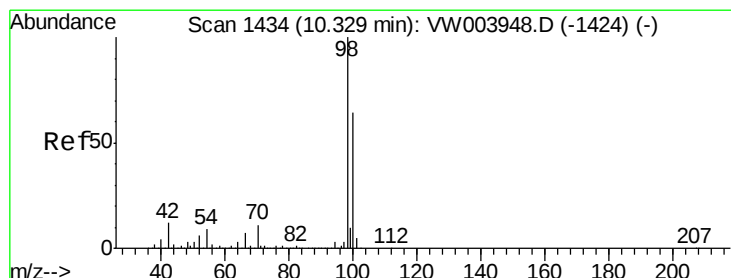
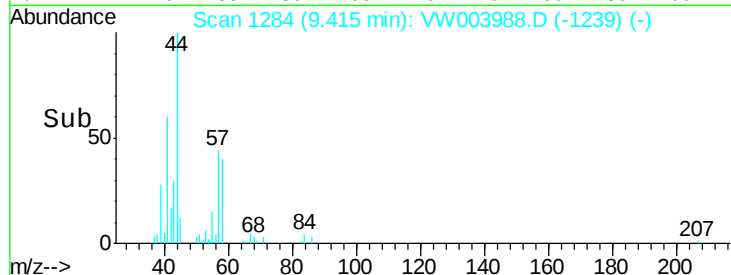
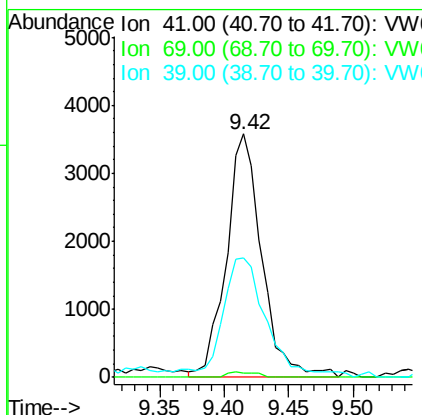
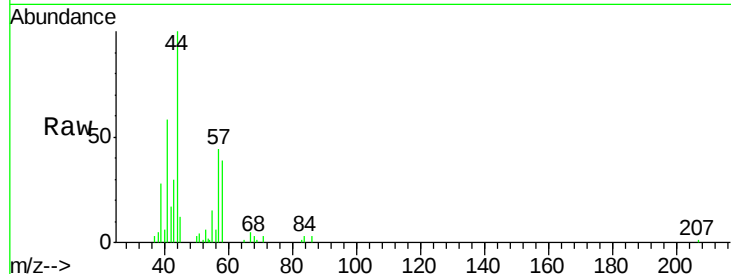




#48  
Methvl methacrylate  
Concen: 6.679 ug/l  
RT: 9.42 min Scan# 1284  
Delta R.T. -0.02 min  
Lab File: VW003988.D  
Acq: 17 Jul 2018 16:36

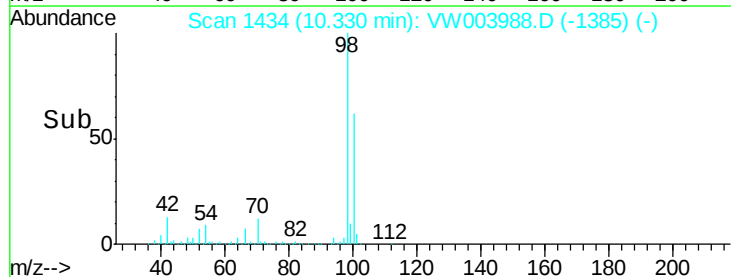
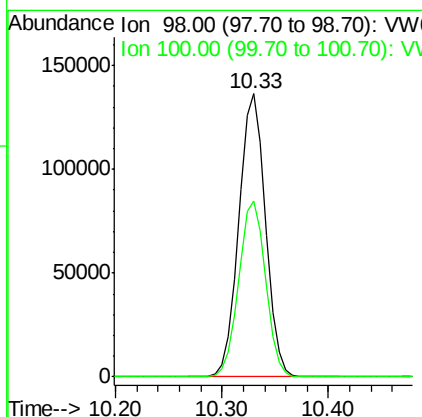
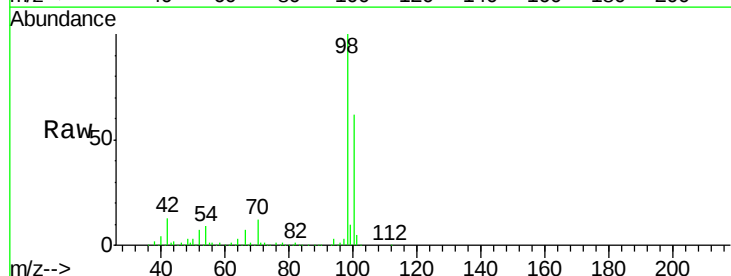
Instrument :  
MSVOA\_W  
ClientSampleId :  
AU-05-071318-A

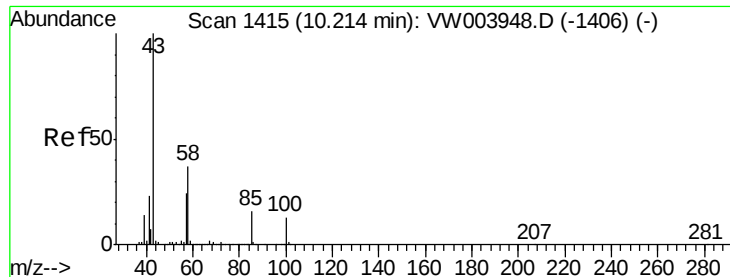
Tot Ion: 41 Resp: 6872  
Ion Ratio Lower Upper  
41 100  
69 1.7 67.0 100.6#  
39 59.5 48.8 73.2



#50  
Toluene-d8  
Concen: 42.015 ug/l  
RT: 10.33 min Scan# 1434  
Delta R.T. 0.00 min  
Lab File: VW003988.D  
Acq: 17 Jul 2018 16:36

Tgt Ion: 98 Resp: 239756  
Ion Ratio Lower Upper  
98 100  
100 62.5 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 1.056 ug/l

RT: 10.23 min Scan# 1417

Delta R.T. 0.01 min

Lab File: VW003988.D

Acq: 17 Jul 2018 16:36

Instrument :

MSVOA\_W

ClientSampleId :

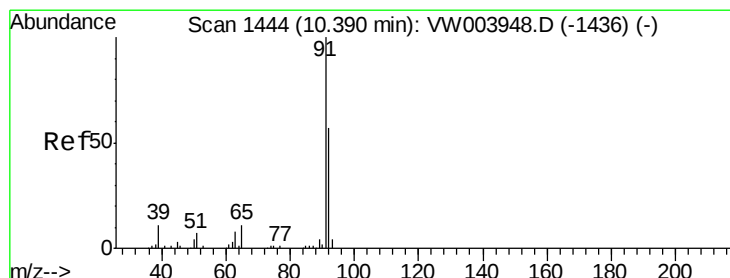
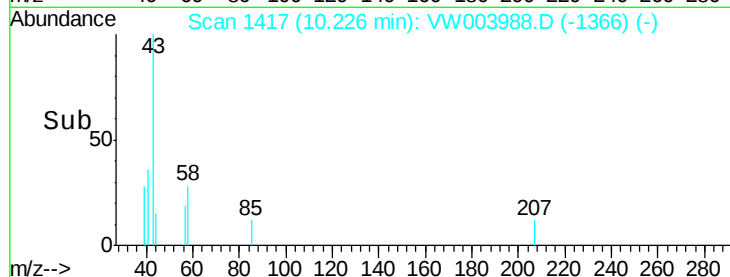
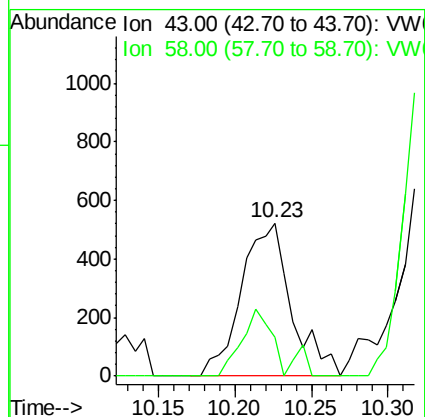
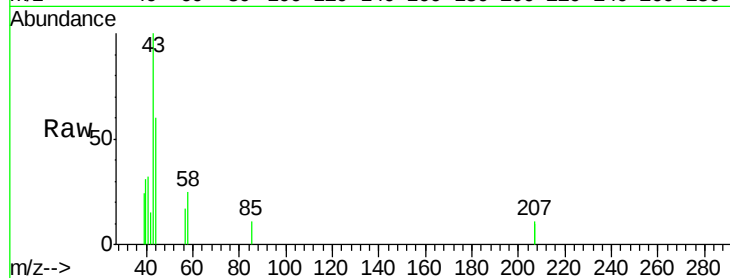
AU-05-071318-A

Tot Ion: 43 Resp: 1197

Ion Ratio Lower Upper

43 100

58 25.5 29.9 44.9#



#52

Toluene

Concen: 3.695 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003988.D

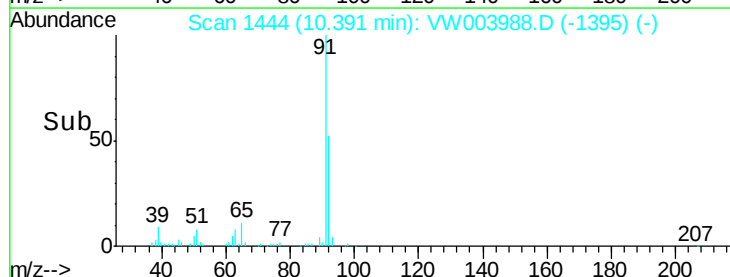
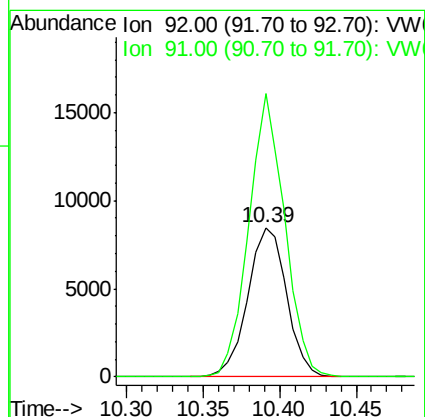
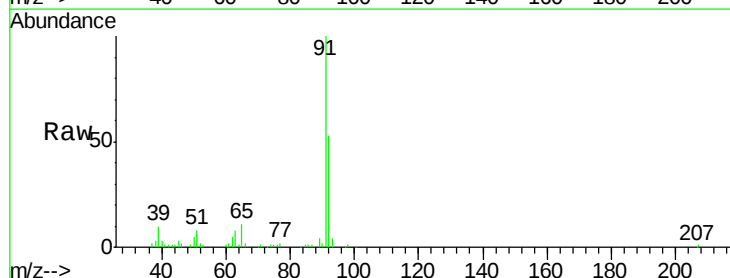
Acq: 17 Jul 2018 16:36

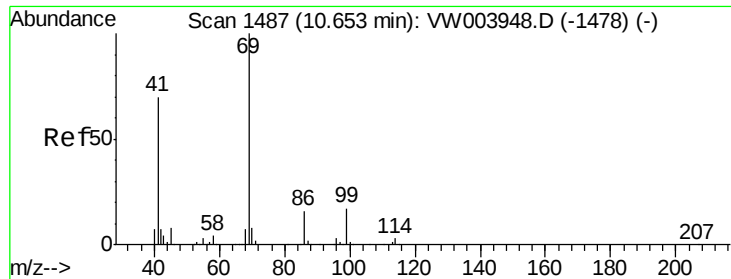
Tgt Ion: 92 Resp: 14947

Ion Ratio Lower Upper

92 100

91 175.1 139.6 209.4





#56

Ethyl methacrylate

Concen: 2.957 ug/l

RT: 10.65 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VW003988.D

Acq: 17 Jul 2018 16:36

Instrument :

MSVOA\_W

ClientSampled :

AU-05-071318-A

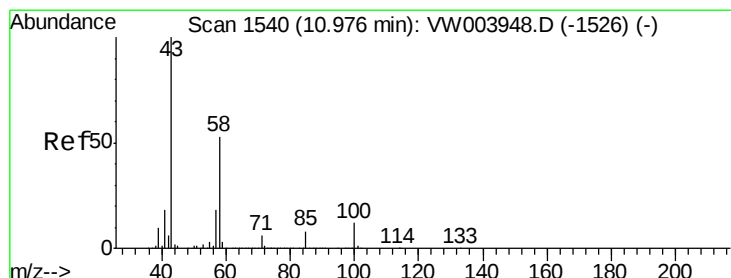
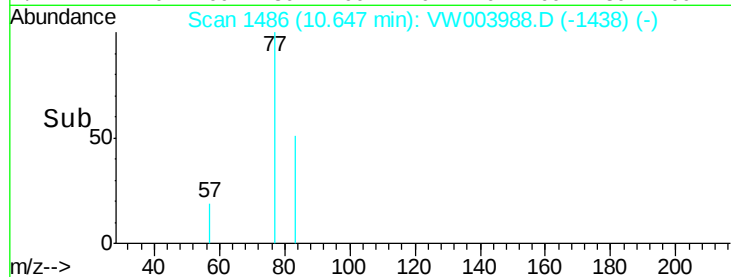
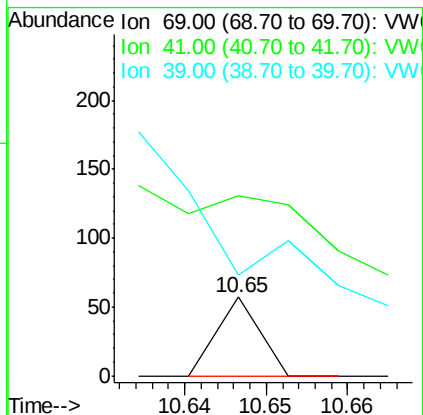
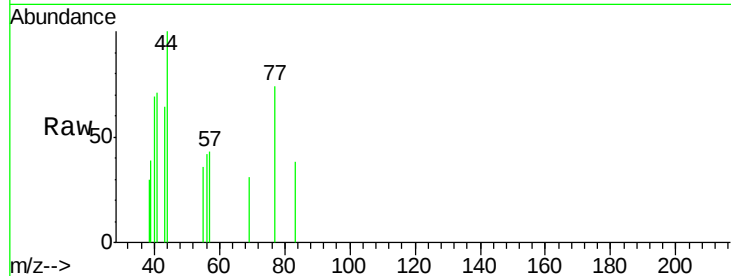
Tot Ion: 69 Resp: 21

Ion Ratio Lower Upper

69 100

41 0.0 56.5 84.7#

39 0.0 30.2 45.4#



#59

2-Hexanone

Concen: 2.025 ug/l

RT: 10.98 min Scan# 1541

Delta R.T. 0.01 min

Lab File: VW003988.D

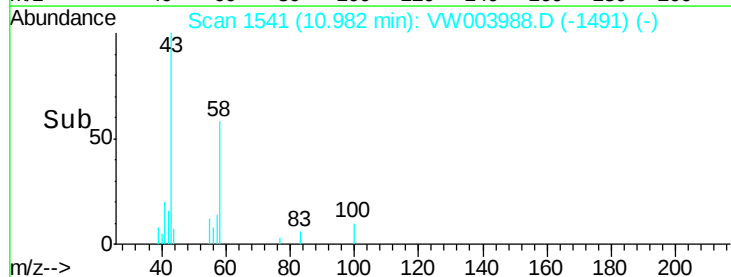
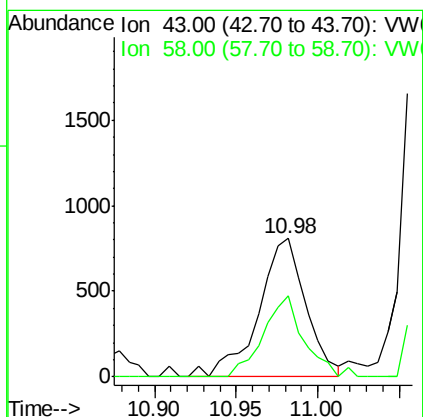
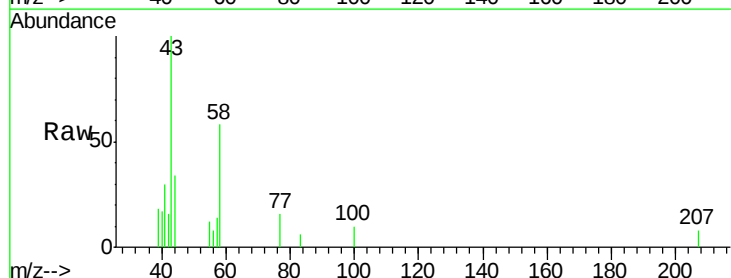
Acq: 17 Jul 2018 16:36

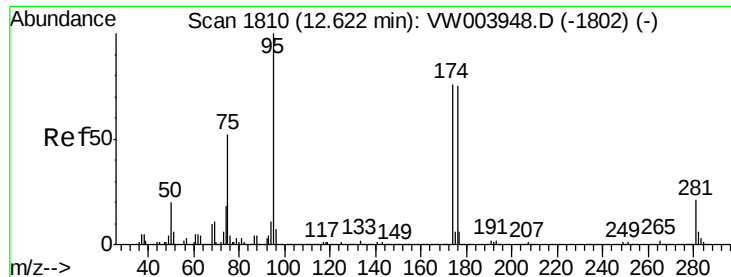
Tgt Ion: 43 Resp: 1618

Ion Ratio Lower Upper

43 100

58 50.8 26.0 78.0

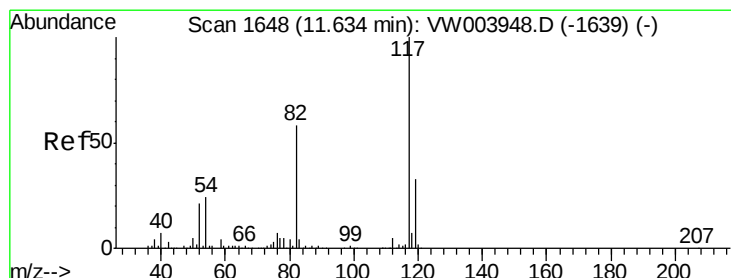
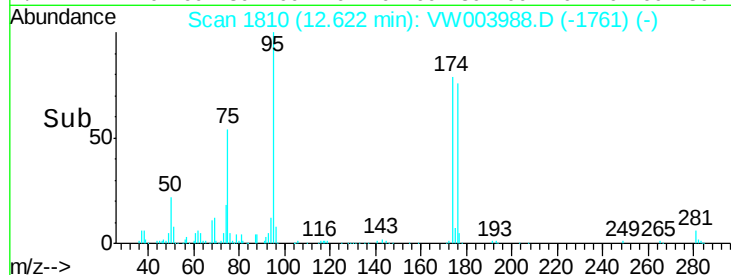
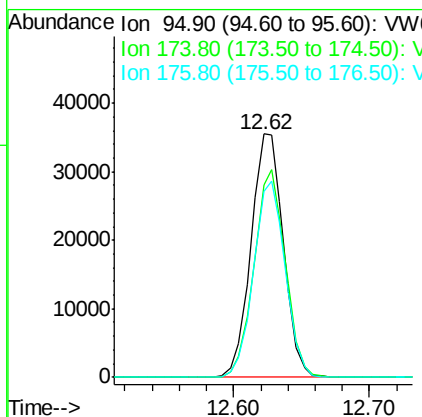
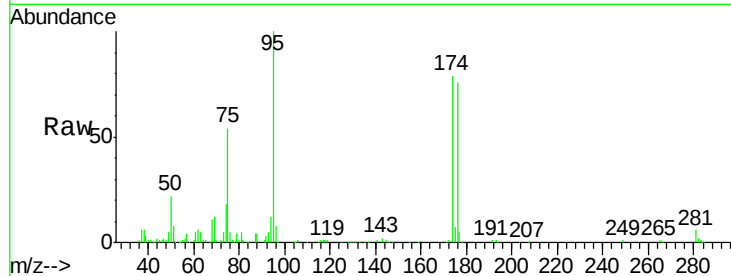




#62  
4-Bromofluorobenzene  
Concen: 28.743 ug/l  
RT: 12.62 min Scan# 1810  
Delta R.T. 0.00 min  
Lab File: VW003988.D  
Acq: 17 Jul 2018 16:36

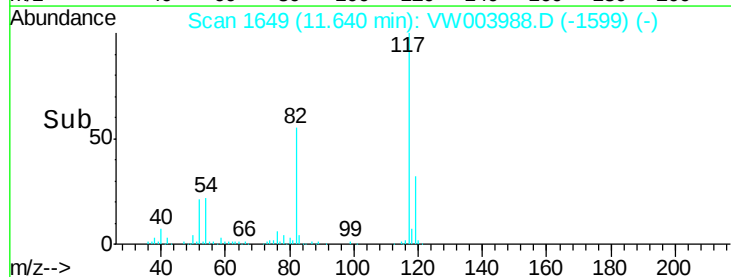
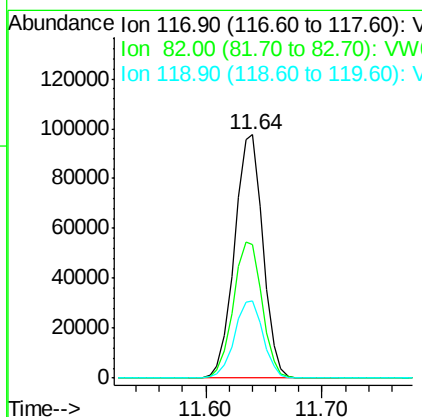
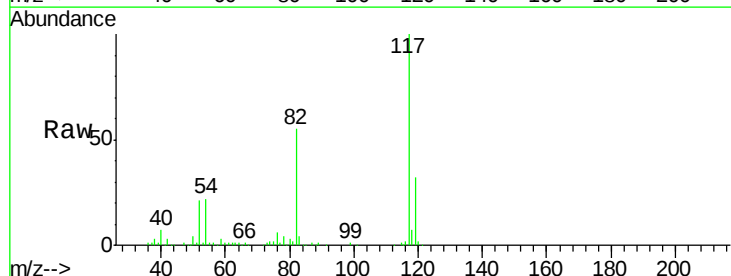
Instrument :  
MSVOA\_W  
ClientSampleId :  
AU-05-071318-A

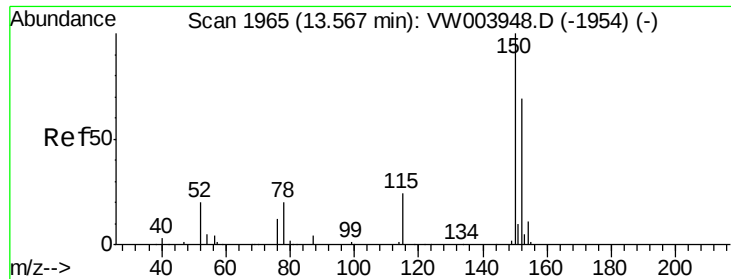
Tot Ion: 95 Resp: 59145  
Ion Ratio Lower Upper  
95 100  
174 82.4 0.0 160.2  
176 78.9 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.64 min Scan# 1649  
Delta R.T. 0.01 min  
Lab File: VW003988.D  
Acq: 17 Jul 2018 16:36

Tgt Ion: 117 Resp: 165835  
Ion Ratio Lower Upper  
117 100  
82 54.9 46.5 69.7  
119 31.9 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003988.D

Acq: 17 Jul 2018 16:36

Instrument :

MSVOA\_W

ClientSampleId :

AU-05-071318-A

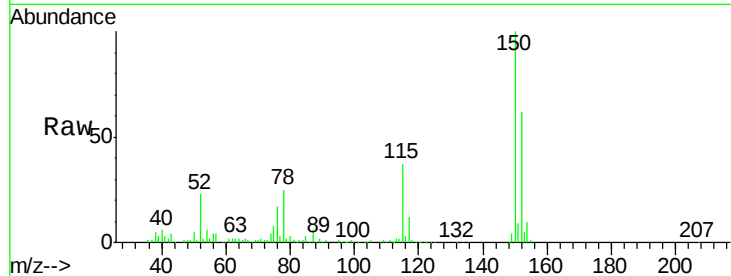
Tot Ion:152 Resp: 54971

Ion Ratio Lower Upper

152 100

115 60.3 29.2 87.6

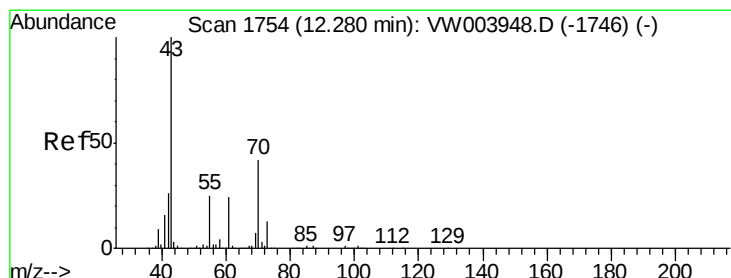
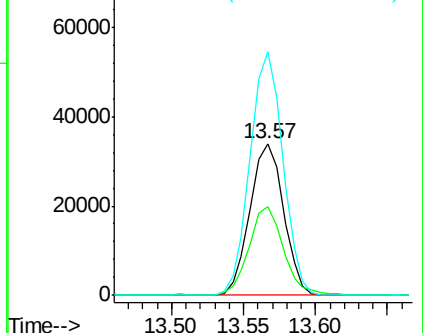
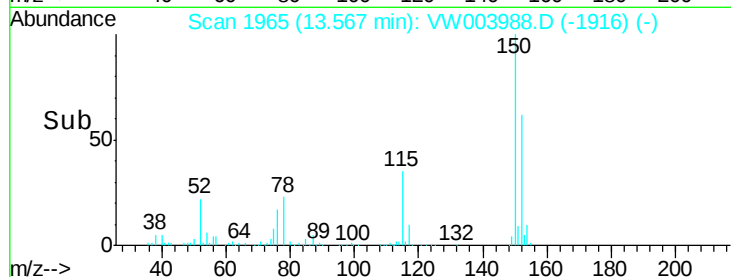
150 156.3 0.0 345.2



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



#74

N-ethyl acetate

Concen: 8.668 ug/l

RT: 12.24 min Scan# 1748

Delta R.T. -0.04 min

Lab File: VW003988.D

Acq: 17 Jul 2018 16:36

Tgt Ion: 43 Resp: 8773

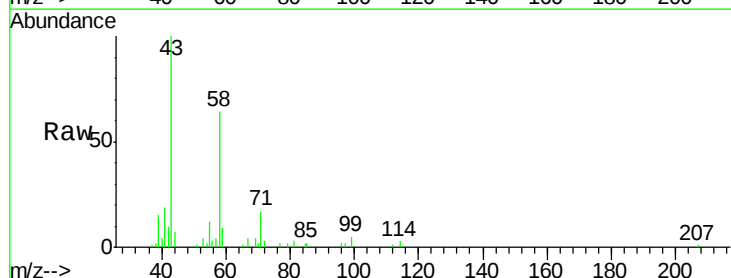
Ion Ratio Lower Upper

43 100

70 1.4 31.6 47.4#

55 18.7 20.0 30.0#

61 0.0 18.5 27.7#

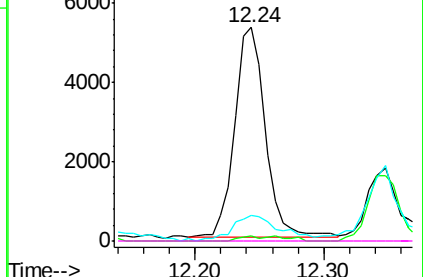
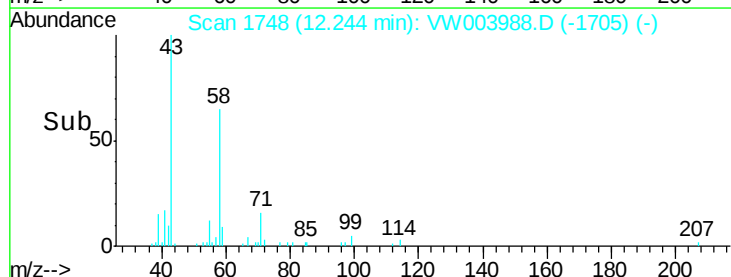


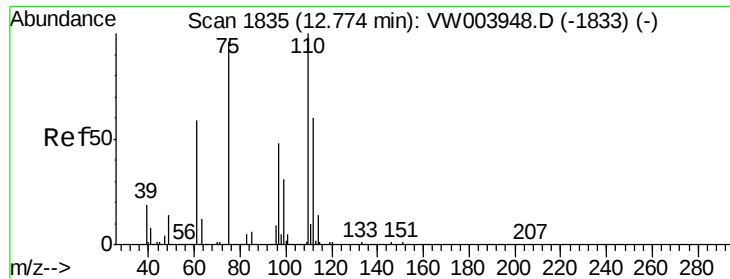
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#76

1,2,3-Trichloropropane

Concen: 57.671 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003988.D

Acq: 17 Jul 2018 16:36

Instrument :

MSVOA\_W

ClientSampleId :

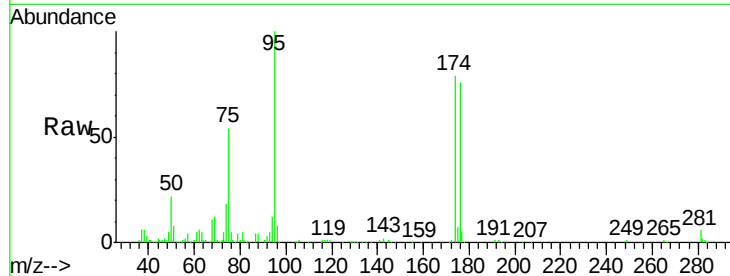
AU-05-071318-A

Tot Ion: 75 Resp: 31473

Ion Ratio Lower Upper

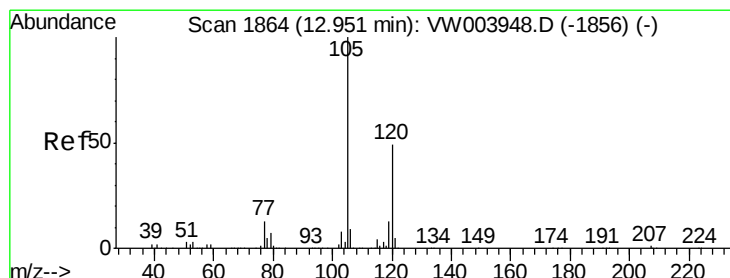
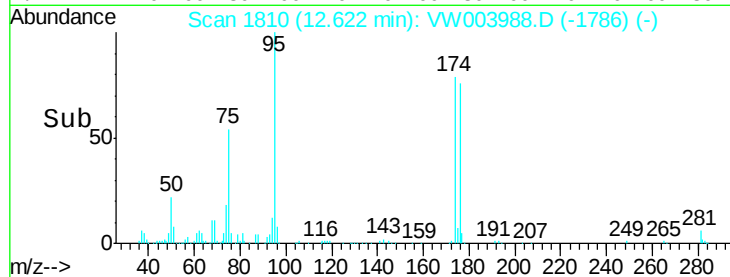
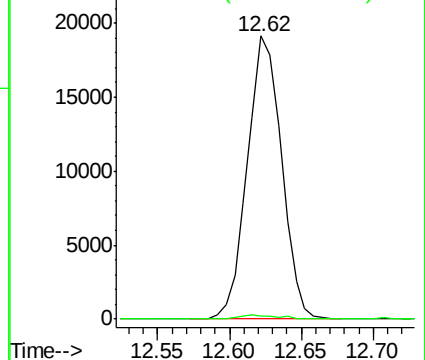
75 100

77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#80

1,3,5-Trimethylbenzene

Concen: 2.608 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003988.D

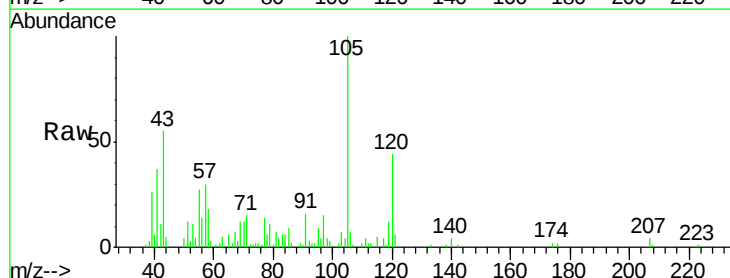
Acq: 17 Jul 2018 16:36

Tgt Ion:105 Resp: 8525

Ion Ratio Lower Upper

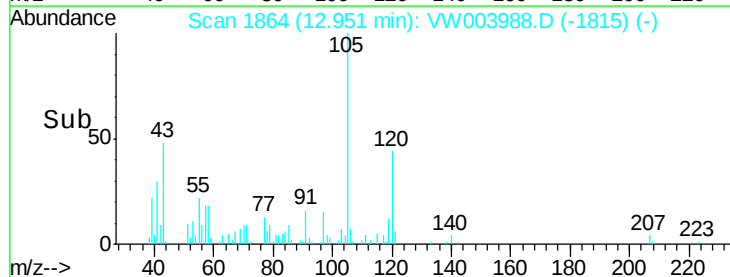
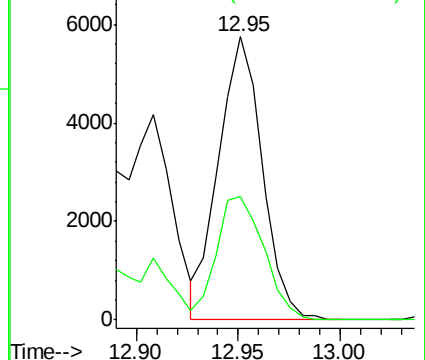
105 100

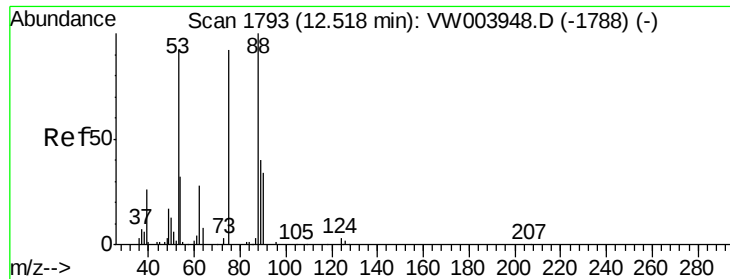
120 47.4 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 127.566 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003988.D

Acq: 17 Jul 2018 16:36

Instrument :

MSVOA\_W

ClientSampleId :

AU-05-071318-A

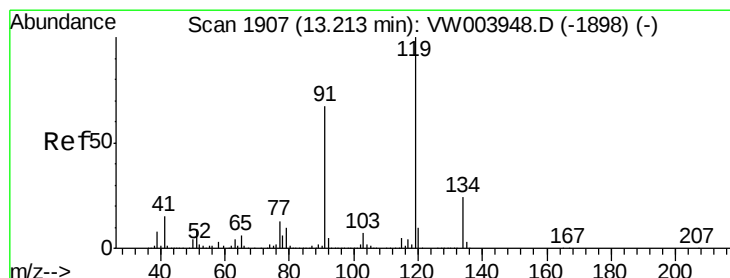
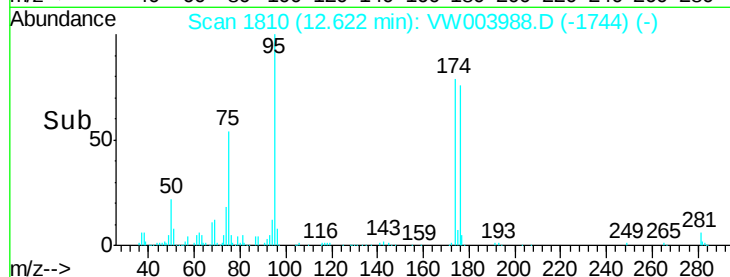
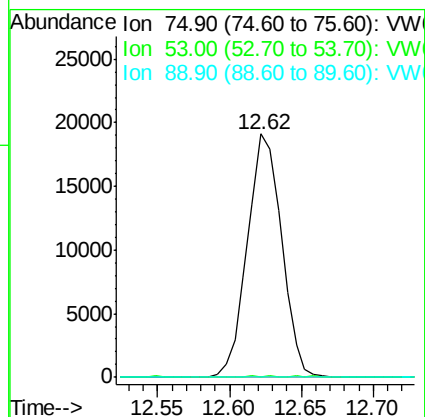
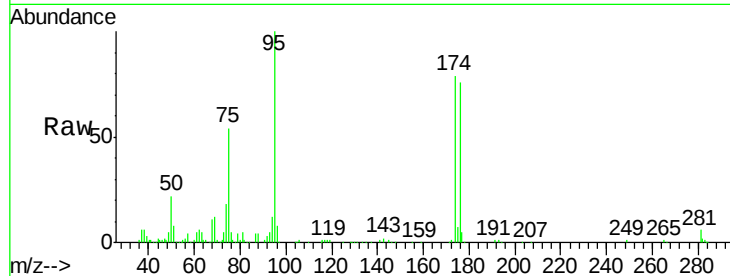
Tot Ion: 75 Resp: 31473

Ion Ratio Lower Upper

75 100

53 0.5 77.6 116.4#

89 0.0 36.6 54.8#



#83

tert-Butylbenzene

Concen: 2.224 ug/l

RT: 13.26 min Scan# 1915

Delta R.T. 0.05 min

Lab File: VW003988.D

Acq: 17 Jul 2018 16:36

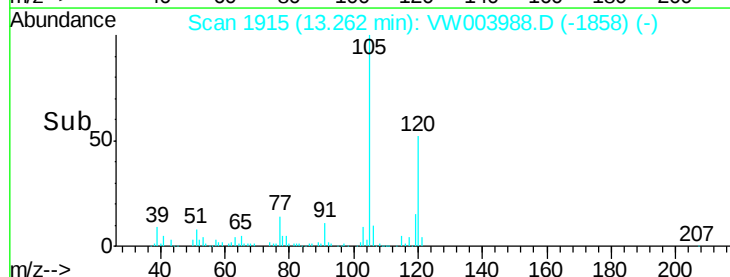
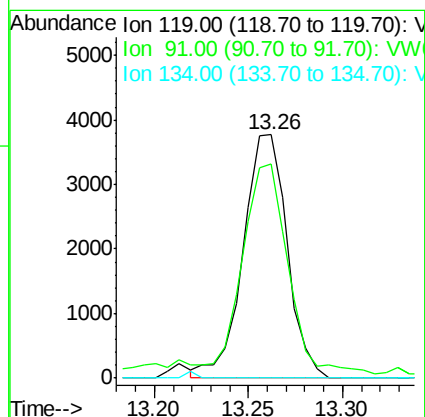
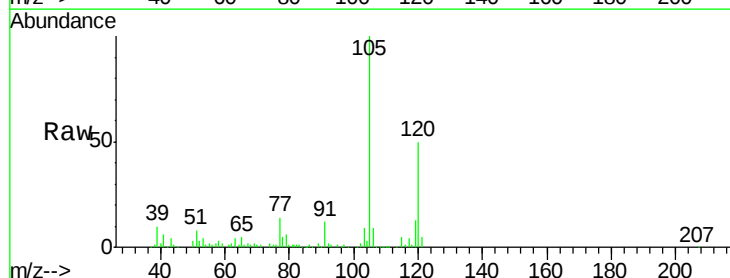
Tgt Ion: 119 Resp: 6103

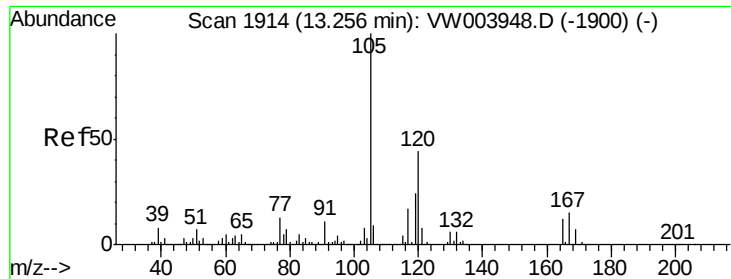
Ion Ratio Lower Upper

119 100

91 89.5 33.2 99.6

134 0.0 13.0 38.9#

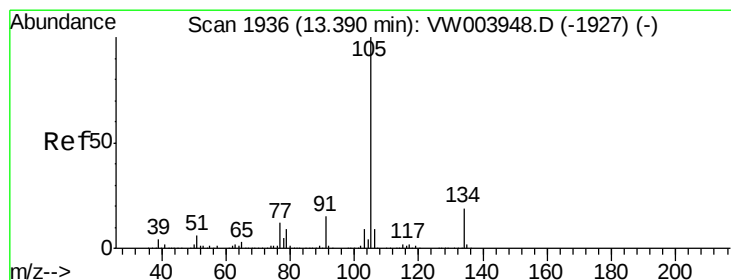
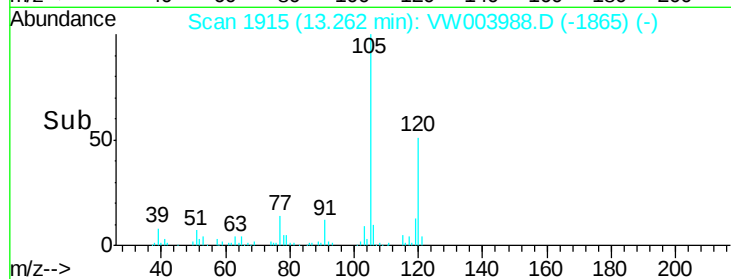
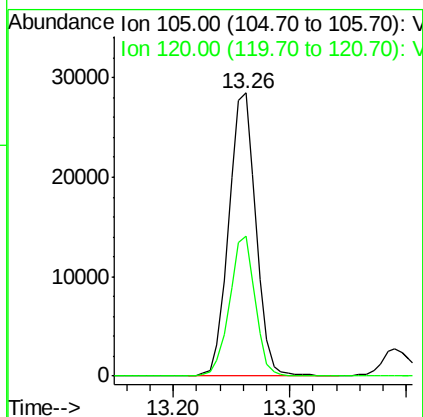
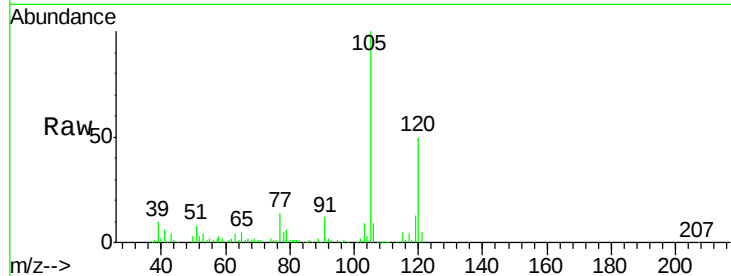




#84  
 1,2,4-Trimethylbenzene  
 Concen: 13.660 ug/l  
 RT: 13.26 min Scan# 1915  
 Delta R.T. 0.01 min  
 Lab File: VW003988.D  
 Acq: 17 Jul 2018 16:36

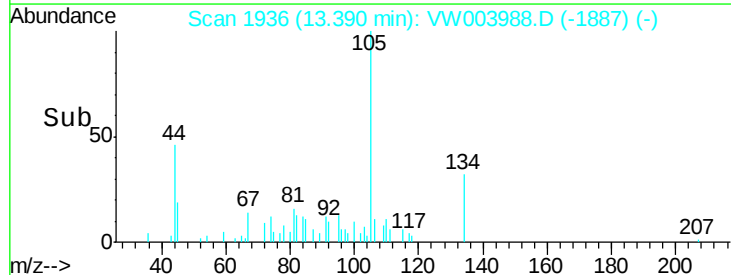
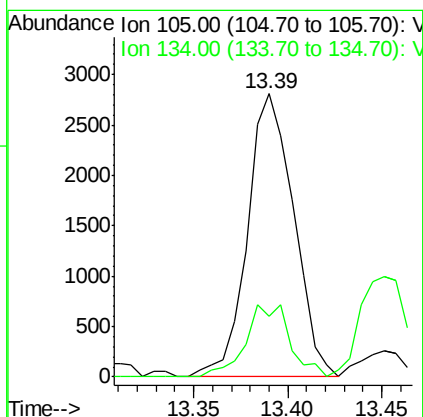
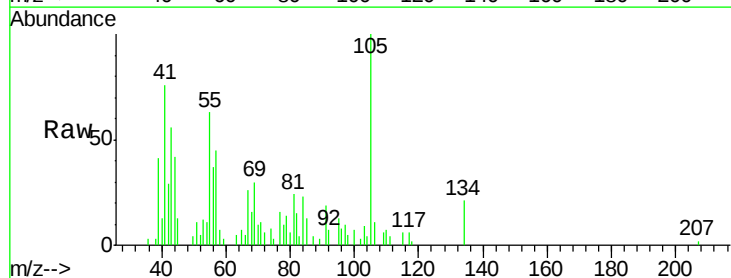
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 AU-05-071318-A

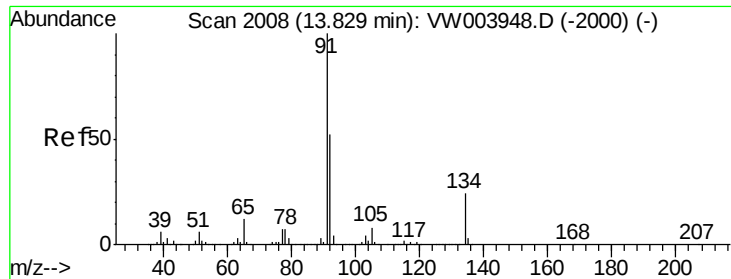
Tot Ion:105 Resp: 45942  
 Ion Ratio Lower Upper  
 105 100  
 120 46.7 22.1 66.1



#85  
 sec-Butylbenzene  
 Concen: 1.171 ug/l  
 RT: 13.39 min Scan# 1936  
 Delta R.T. 0.00 min  
 Lab File: VW003988.D  
 Acq: 17 Jul 2018 16:36

Tgt Ion:105 Resp: 4768  
 Ion Ratio Lower Upper  
 105 100  
 134 24.5 9.8 29.4





#89

n-Butylbenzene

Concen: 1.385 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW003988.D

Acq: 17 Jul 2018 16:36

Instrument :

MSVOA\_W

ClientSampleId :

AU-05-071318-A

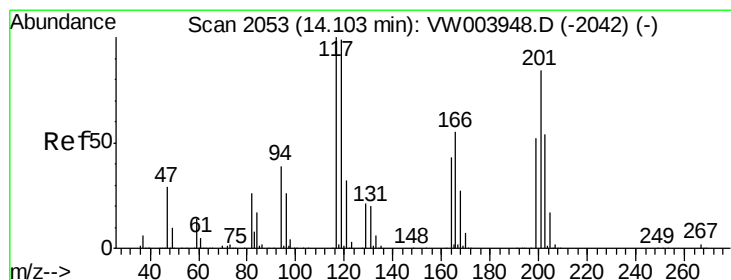
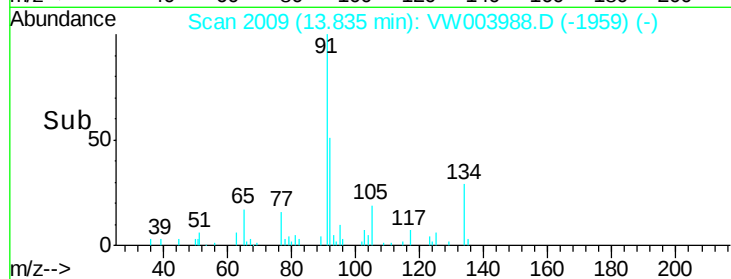
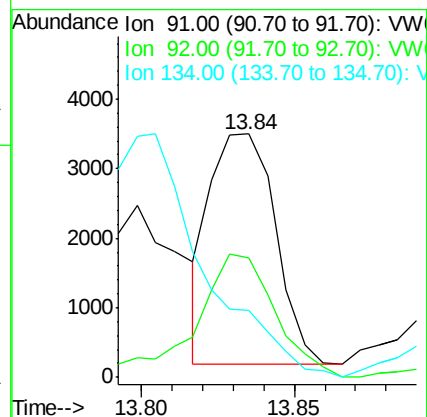
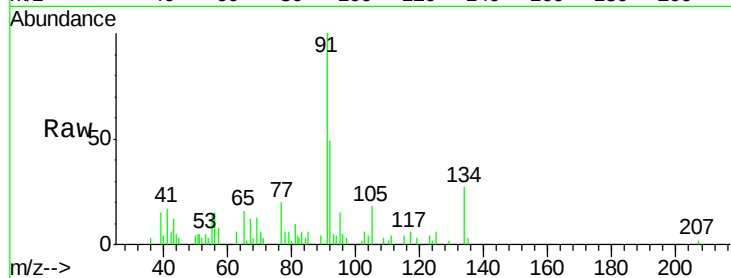
Tot Ion: 91 Resp: 4863

Ion Ratio Lower Upper

91 100

92 66.0 26.1 78.3

134 0.0 12.4 37.4#



#90

Hexachloroethane

Concen: 3.691 ug/l

RT: 14.11 min Scan# 2054

Delta R.T. 0.01 min

Lab File: VW003988.D

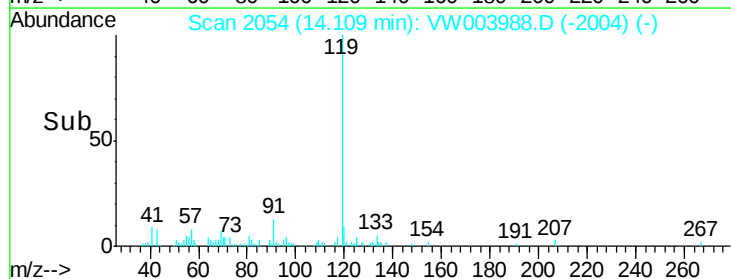
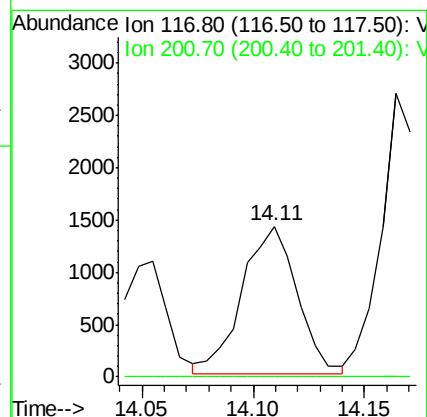
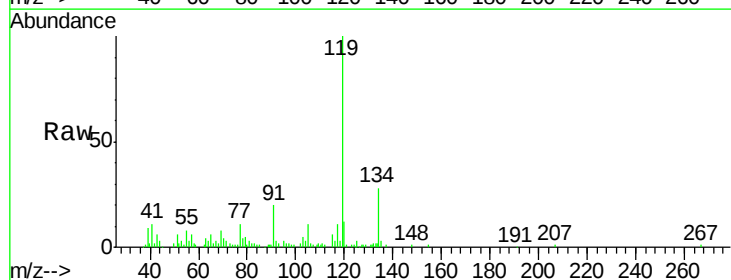
Acq: 17 Jul 2018 16:36

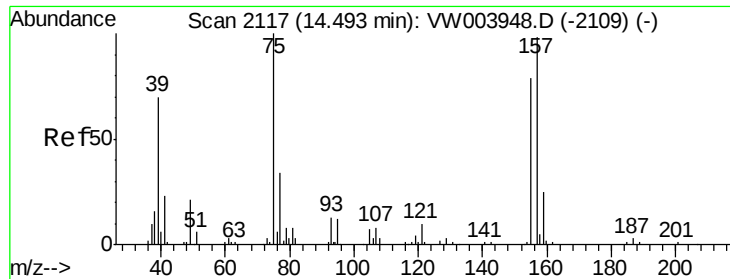
Tgt Ion: 117 Resp: 2430

Ion Ratio Lower Upper

117 100

201 0.0 40.3 120.9#

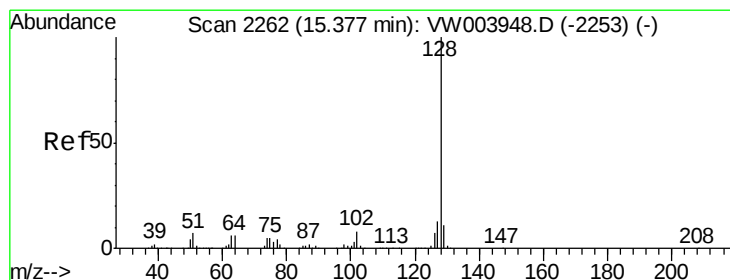
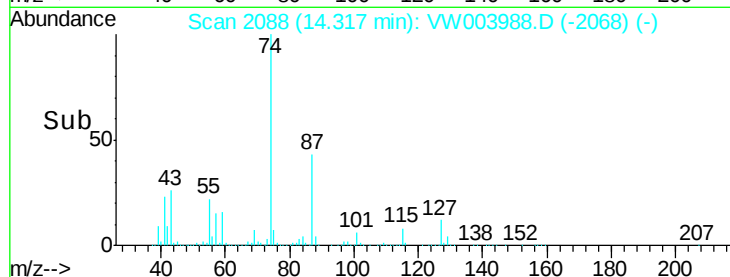
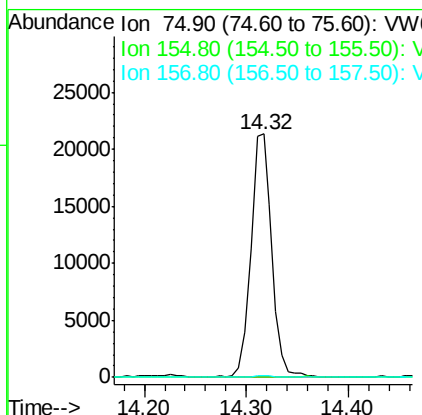
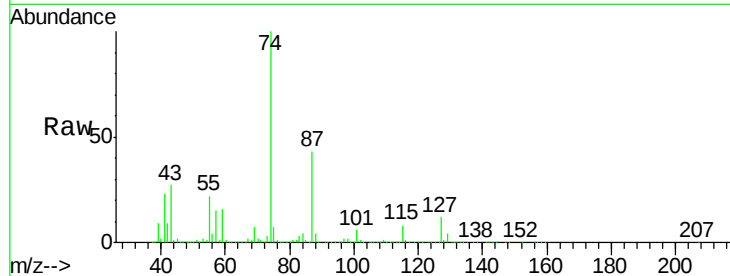




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 229.329 ug/l  
 RT: 14.32 min Scan# 2088  
 Delta R.T. -0.18 min  
 Lab File: VW003988.D  
 Acq: 17 Jul 2018 16:36

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 AU-05-071318-A

Tot Ion: 75 Resp: 30634  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 39.4 118.1#  
 157 0.5 51.8 155.4#



#95  
 Naphthalene  
 Concen: 6.523 ug/l  
 RT: 15.38 min Scan# 2263  
 Delta R.T. 0.01 min  
 Lab File: VW003988.D  
 Acq: 17 Jul 2018 16:36

Tgt Ion:128 Resp: 13986  
 Ion Ratio Lower Upper  
 128 100  
 127 17.4 10.7 16.1#  
 129 14.2 8.7 13.1#

