

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW010319\  
 Data File : VW008017.D  
 Acq On : 03 Jan 2019 13:37  
 Operator : SY/AP  
 Sample : K1019-05  
 Misc : 6.02G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A-GLICAL-PILE

Quant Time: Jan 04 00:31:00 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W010219S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 03 05:03:55 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 58754    | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 98876    | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 62758    | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 17506    | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 38171    | 58.74 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 117.48% |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 32550    | 52.22 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.44% |      |
| 50) Toluene-d8            | 10.32  | 98  | 106524   | 45.56 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 91.12%  |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 24071    | 26.84 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 53.68%  |      |

## Target Compounds

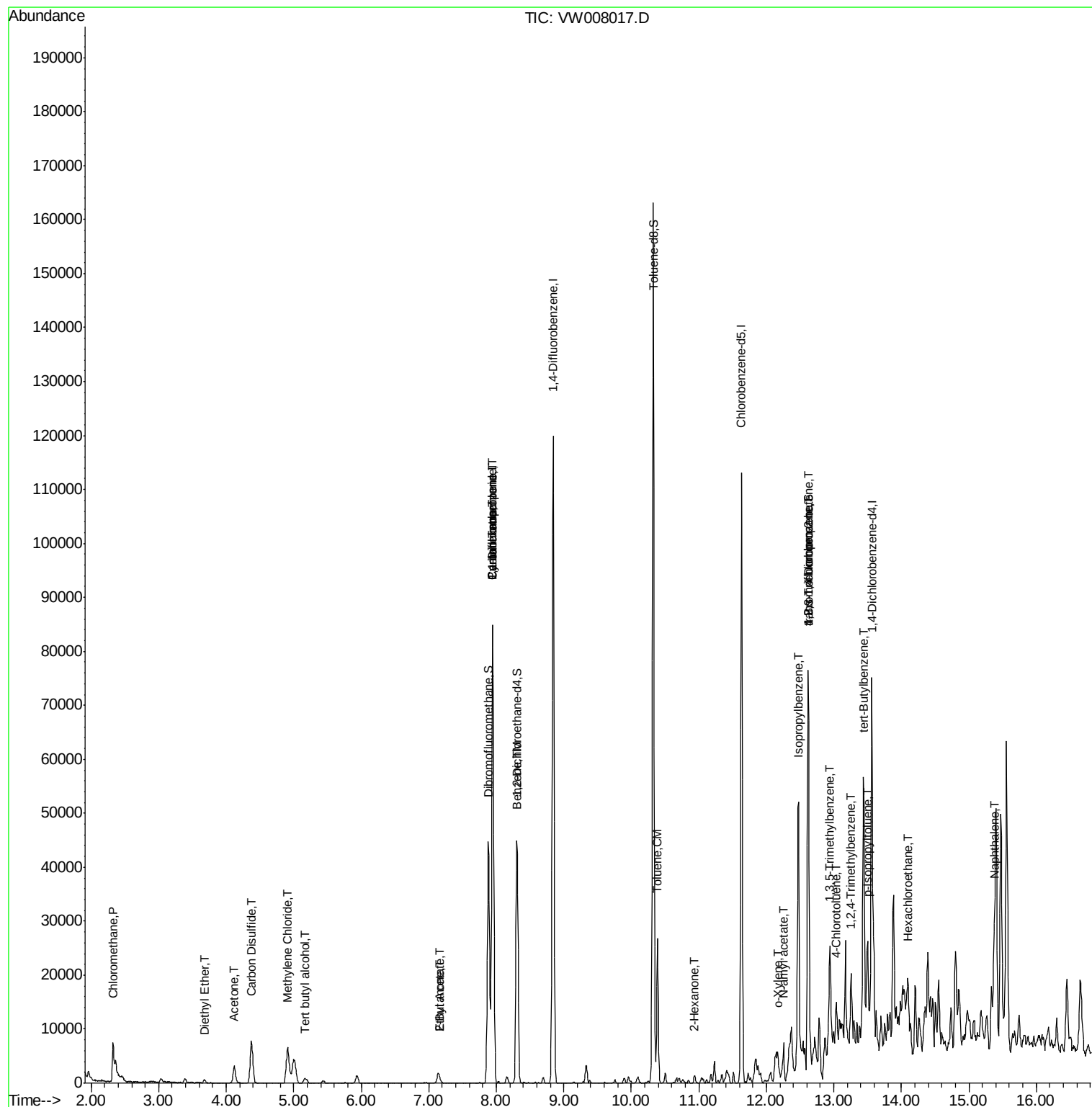
|                                |       |     |       |         |        | Qvalue |
|--------------------------------|-------|-----|-------|---------|--------|--------|
| 3) Chloromethane               | 2.33  | 50  | 527   | 1.318   | ug/l   | 89     |
| 8) Diethyl Ether               | 3.67  | 74  | 293   | 1.100   | ug/l   | 83     |
| 11) Tert butyl alcohol         | 5.17  | 59  | 2069  | 49.006  | ug/l # | 77     |
| 16) Acetone                    | 4.12  | 43  | 5490  | 54.575  | ug/l   | 96     |
| 17) Carbon Disulfide           | 4.37  | 76  | 16694 | 9.265   | ug/l   | 97     |
| 20) Methylene Chloride         | 4.92  | 84  | 5096  | 6.129   | ug/l   | 97     |
| 25) 2-Butanone                 | 7.16  | 43  | 628   | 5.299   | ug/l # | 89     |
| 31) Cyclohexane                | 7.95  | 56  | 1551  | 1.561   | ug/l # | 41     |
| 36) 1,1-Dichloropropene        | 7.95  | 75  | 4983  | 5.109   | ug/l # | 50     |
| 37) Ethyl Acetate              | 7.16  | 43  | 628   | 2.143   | ug/l # | 71     |
| 38) Carbon Tetrachloride       | 7.95  | 117 | 6448  | 5.516   | ug/l # | 16     |
| 40) Benzene                    | 8.32  | 78  | 2638  | 1.025   | ug/l   | 95     |
| 52) Toluene                    | 10.39 | 92  | 11685 | 6.879   | ug/l   | 95     |
| 59) 2-Hexanone                 | 10.93 | 43  | 630   | 3.368   | ug/l # | 25     |
| 69) o-Xylene                   | 12.17 | 106 | 1018  | 1.189   | ug/l   | 87     |
| 73) Isopropylbenzene           | 12.47 | 105 | 3551  | 2.551   | ug/l # | 68     |
| 74) N-amyl acetate             | 12.26 | 43  | 1697  | 7.832   | ug/l # | 67     |
| 76) 1,2,3-Trichloropropane     | 12.62 | 75  | 13625 | 97.832  | ug/l # | 1      |
| 80) 1,3,5-Trimethylbenzene     | 12.95 | 105 | 3240  | 2.704   | ug/l   | 88     |
| 81) trans-1,4-Dichloro-2-buten | 12.62 | 75  | 13625 | 231.358 | ug/l # | 6      |
| 82) 4-Chlorotoluene            | 13.03 | 91  | 1173  | 1.183   | ug/l # | 41     |
| 83) tert-Butylbenzene          | 13.44 | 119 | 2280  | 2.175   | ug/l   | 82     |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105 | 7826  | 6.448   | ug/l   | 100    |
| 86) p-Isopropyltoluene         | 13.50 | 119 | 7941  | 6.105   | ug/l   | 96     |
| 90) Hexachloroethane           | 14.11 | 117 | 381   | 1.688   | ug/l # | 12     |
| 95) Naphthalene                | 15.38 | 128 | 16972 | 26.745  | ug/l   | 96     |

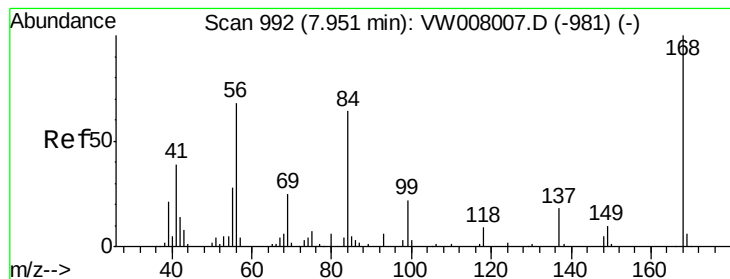
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 03 05:03:55 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008017.D

Acq: 03 Jan 2019 13:37

Instrument :

MSVOA\_W

ClientSampleId :

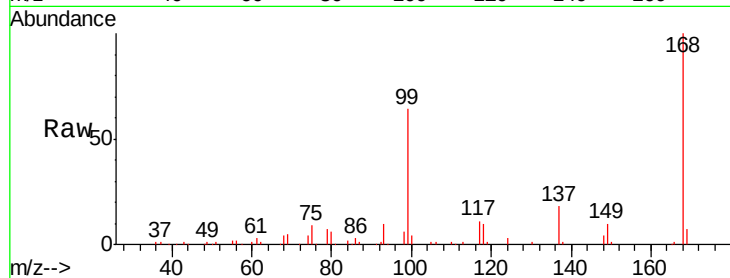
A-GLICAL-PILE

Tgt Ion:168 Resp: 58754

Ion Ratio Lower Upper

168 100

99 64.4 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

25000

20000

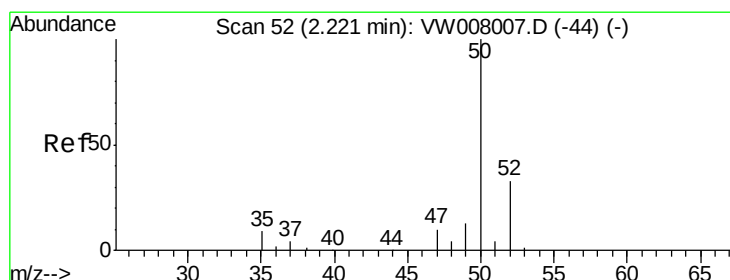
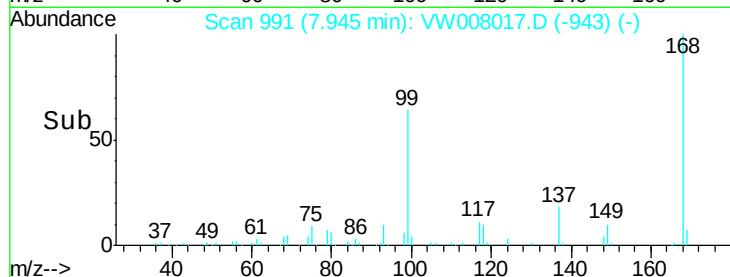
15000

10000

5000

0

Time-->



#3

Chloromethane

Concen: 1.318 ug/l

RT: 2.33 min Scan# 70

Delta R.T. 0.11 min

Lab File: VW008017.D

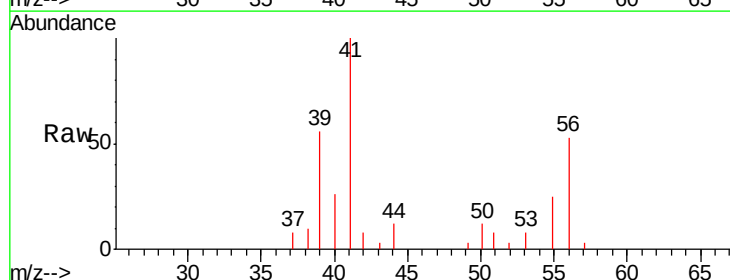
Acq: 03 Jan 2019 13:37

Tgt Ion: 50 Resp: 527

Ion Ratio Lower Upper

50 100

52 27.0 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.33

250

200

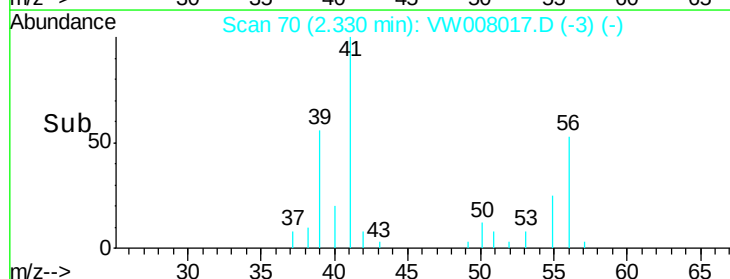
150

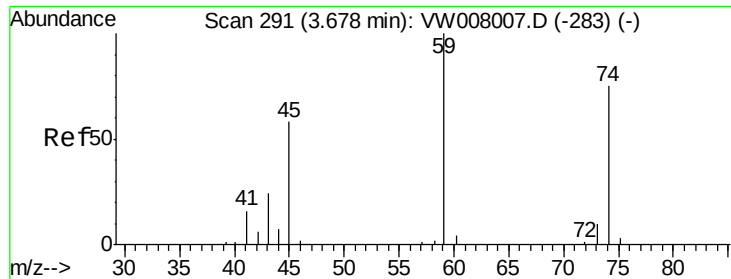
100

50

0

Time-->





#8

Diethyl Ether

Concen: 1.100 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW008017.D

Acq: 03 Jan 2019 13:37

Instrument :

MSVOA\_W

ClientSampleId :

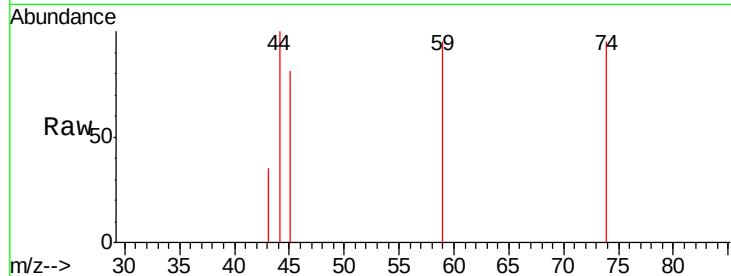
A-GLICAL-PILE

Tgt Ion: 74 Resp: 293

Ion Ratio Lower Upper

74 100

45 98.0 41.4 124.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

150

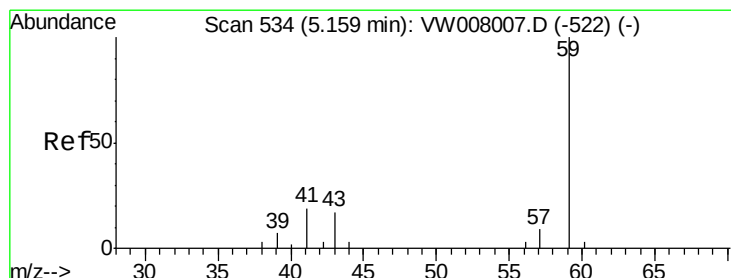
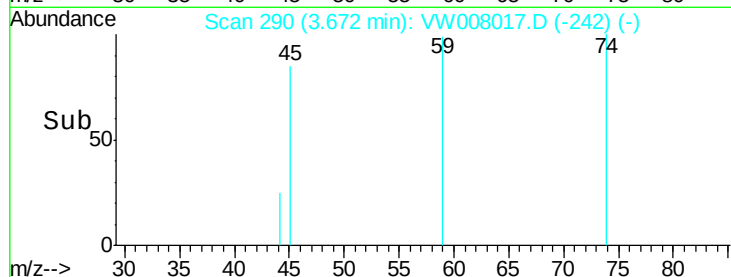
100

50

0

3.65 3.70

Time-->



#11

Tert butyl alcohol

Concen: 49.006 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW008017.D

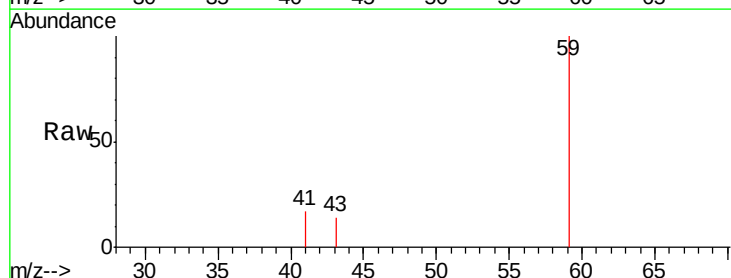
Acq: 03 Jan 2019 13:37

Tgt Ion: 59 Resp: 2069

Ion Ratio Lower Upper

59 100

57 2.4 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

600

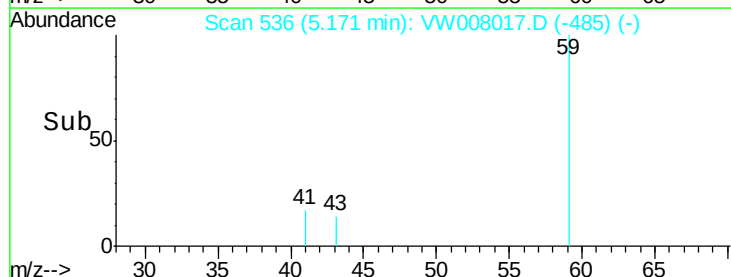
400

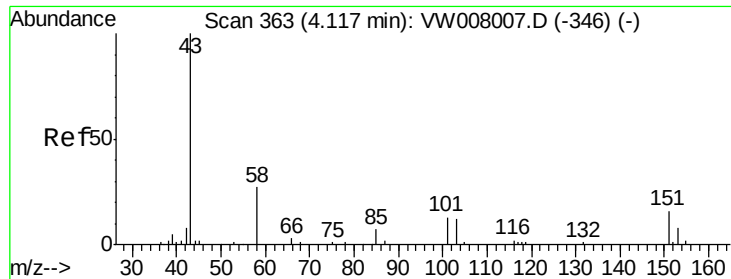
200

0

5.05 5.10 5.15 5.20 5.25

Time-->

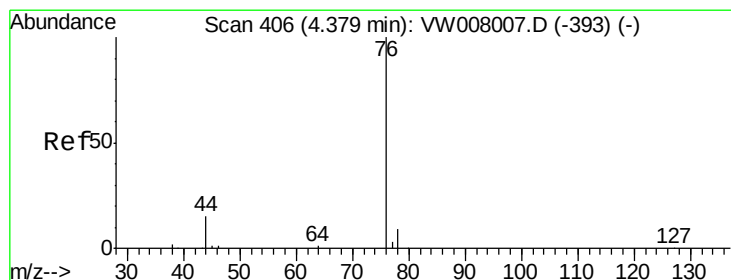
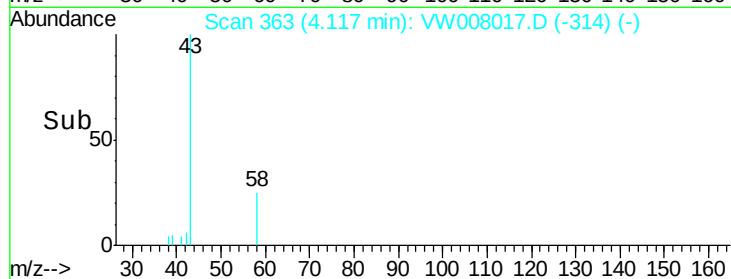
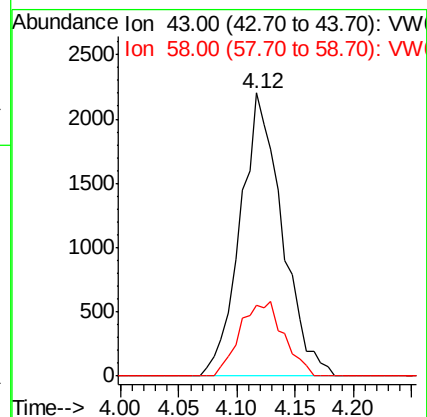
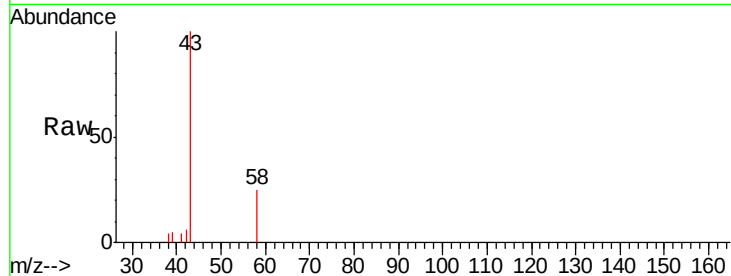




#16  
Acetone  
Concen: 54.575 ug/l  
RT: 4.12 min Scan# 363  
Delta R.T. 0.00 min  
Lab File: VW008017.D  
Acq: 03 Jan 2019 13:37

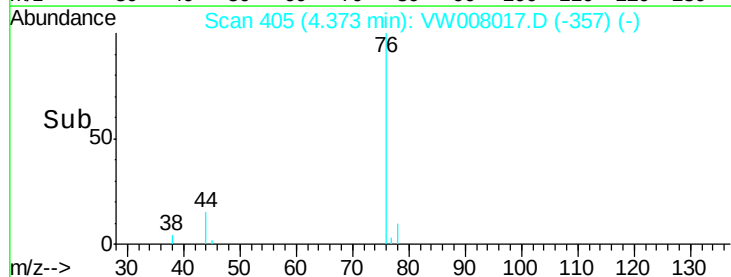
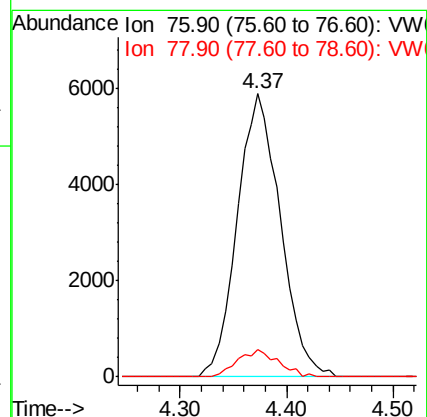
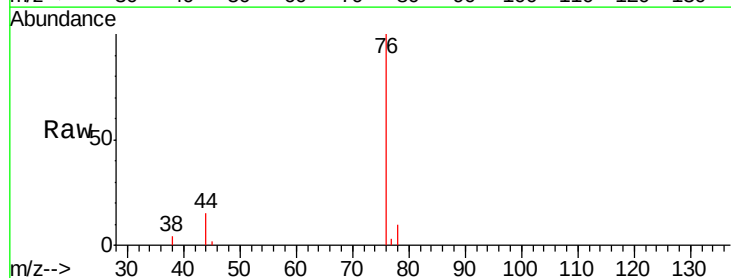
Instrument :  
MSVOA\_W  
ClientSampleId :  
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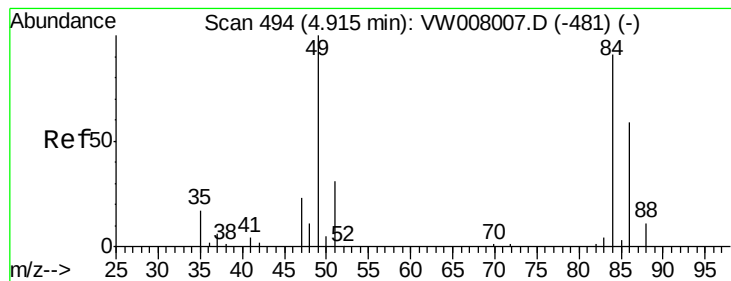
Tgt Ion: 43 Resp: 5490  
Ion Ratio Lower Upper  
43 100  
58 25.2 21.7 32.5



#17  
Carbon Disulfide  
Concen: 9.265 ug/l  
RT: 4.37 min Scan# 405  
Delta R.T. -0.01 min  
Lab File: VW008017.D  
Acq: 03 Jan 2019 13:37

Tgt Ion: 76 Resp: 16694  
Ion Ratio Lower Upper  
76 100  
78 9.7 7.0 10.4





#20

Methylene Chloride

Concen: 6.129 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW008017.D

Acq: 03 Jan 2019 13:37

Instrument :

MSVOA\_W

ClientSampleId :

A-GLICAL-PILE

Tgt Ion: 84 Resp: 5096

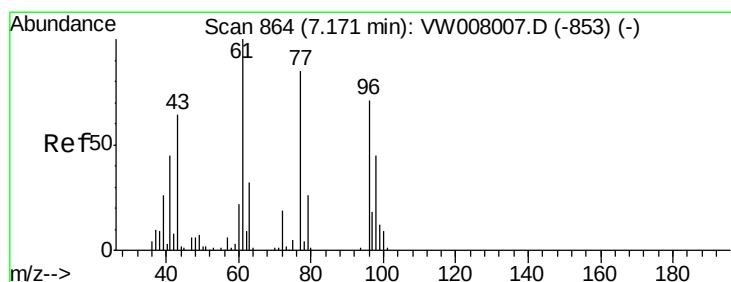
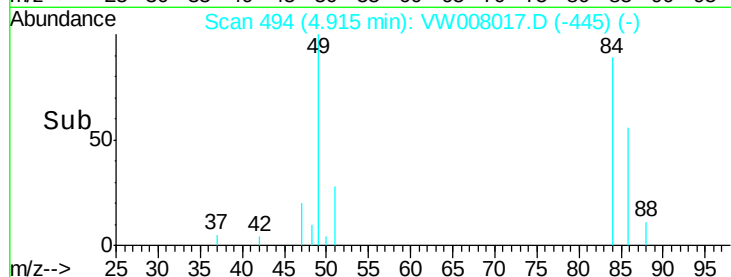
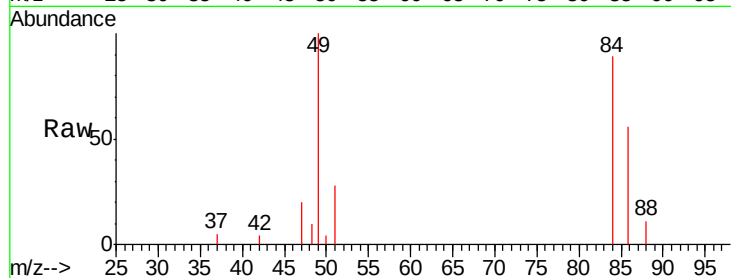
Ion Ratio Lower Upper

84 100

49 112.6 87.7 131.5

51 31.2 27.3 40.9

86 62.8 51.4 77.0



#25

2-Butanone

Concen: 5.299 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008017.D

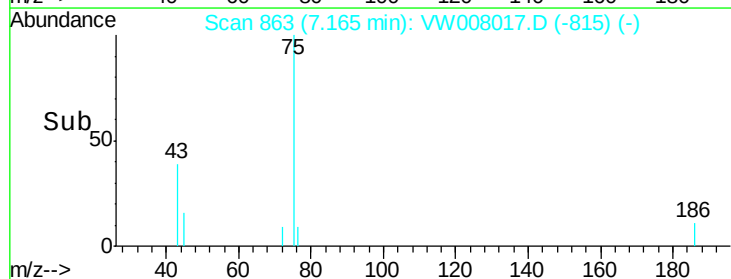
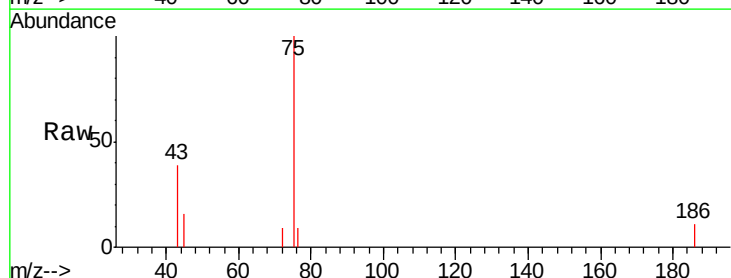
Acq: 03 Jan 2019 13:37

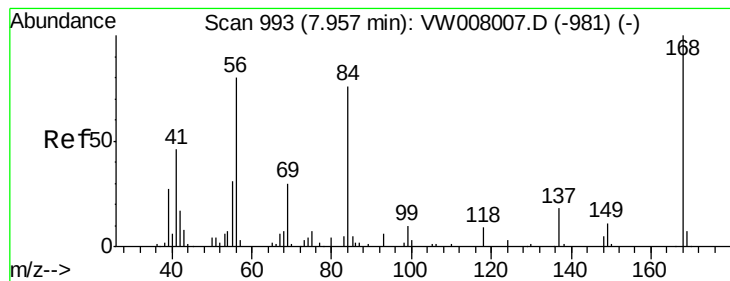
Tgt Ion: 43 Resp: 628

Ion Ratio Lower Upper

43 100

72 23.7 23.8 35.8#





#31

Cyclohexane

Concen: 1.561 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW008017.D

Acq: 03 Jan 2019 13:37

Instrument :

MSVOA\_W

ClientSampleId :

A-GLICAL-PILE

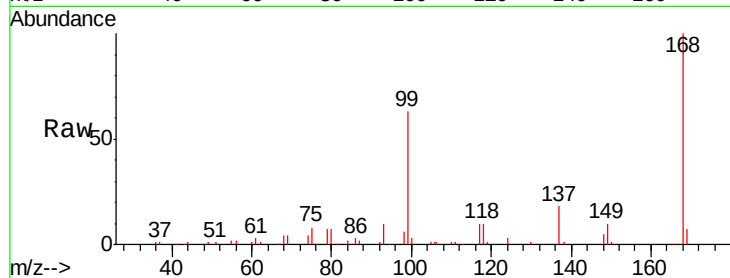
Tgt Ion: 56 Resp: 1551

Ion Ratio Lower Upper

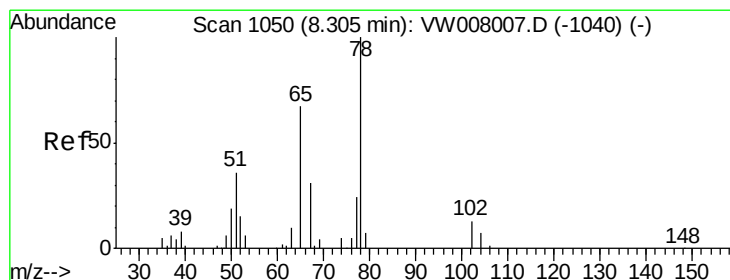
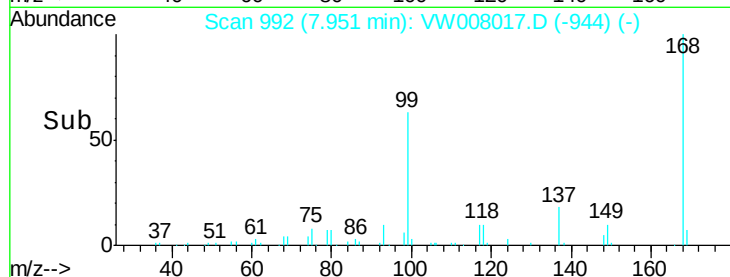
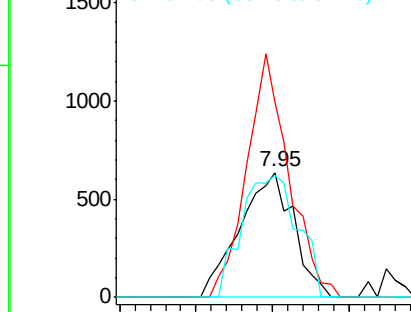
56 100

69 155.7 29.8 44.6#

84 97.8 75.2 112.8



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



#33

1,2-Dichloroethane-d4

Concen: 58.738 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008017.D

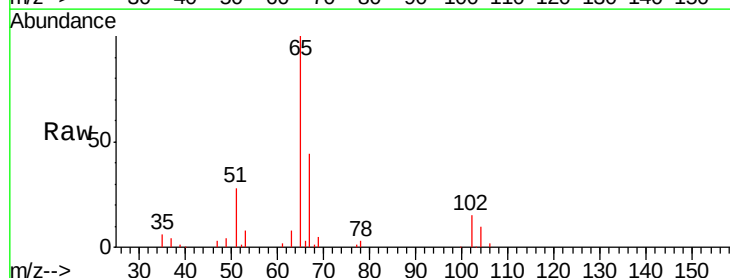
Acq: 03 Jan 2019 13:37

Tgt Ion: 65 Resp: 38171

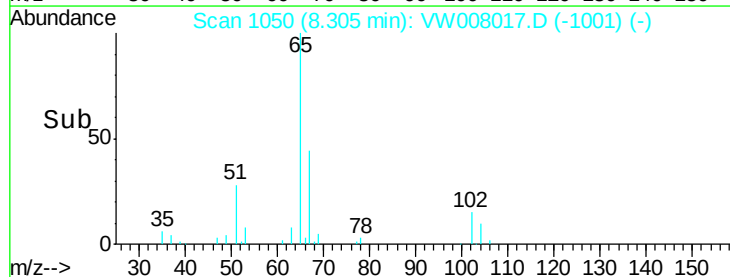
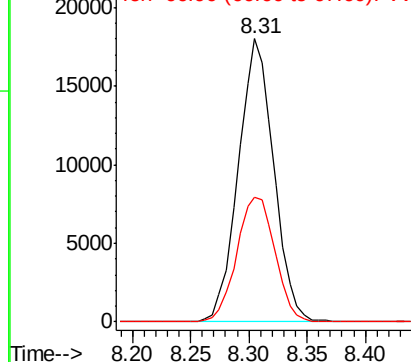
Ion Ratio Lower Upper

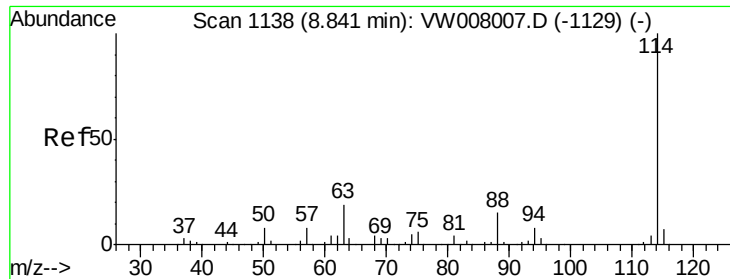
65 100

67 47.7 0.0 94.8



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

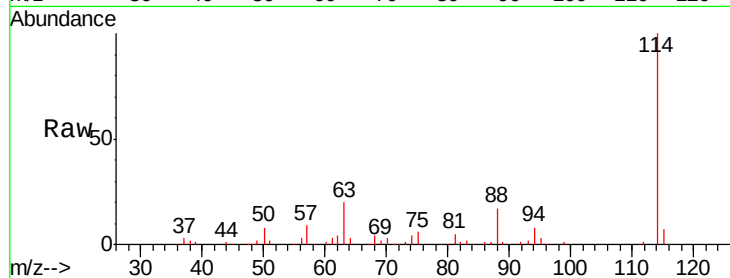




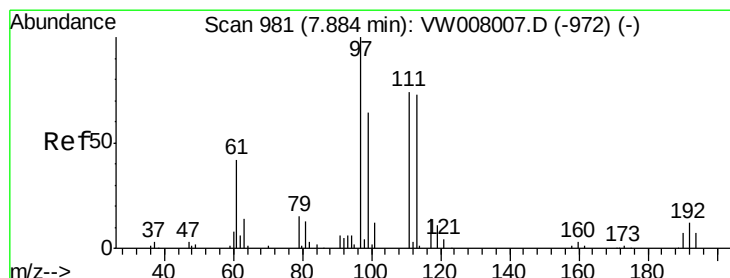
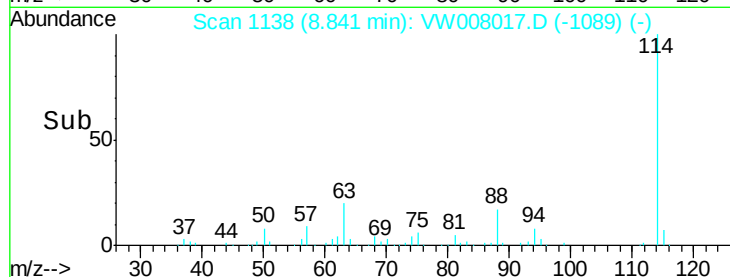
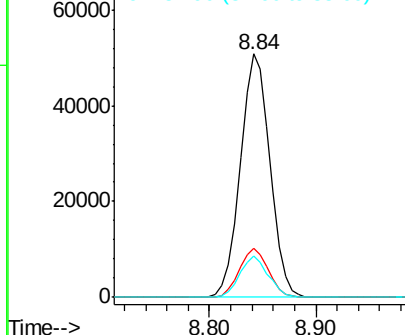
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.84 min Scan# 1138  
Delta R.T. 0.00 min  
Lab File: VW008017.D  
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Tgt Ion:114 Resp: 98876  
Ion Ratio Lower Upper  
114 100  
63 20.1 0.0 37.8  
88 16.9 0.0 31.0

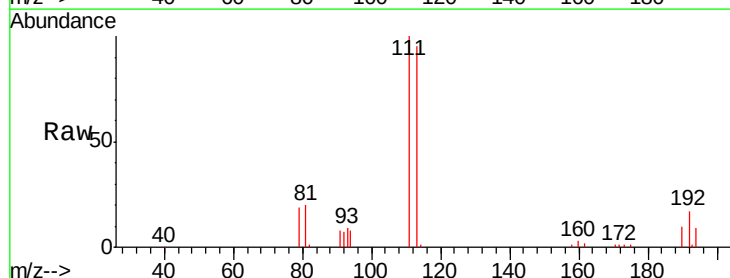


Abundance Ion 113.90 (113.60 to 114.60): V  
Ion 63.00 (62.70 to 63.70): VW  
Ion 87.90 (87.60 to 88.60): VW

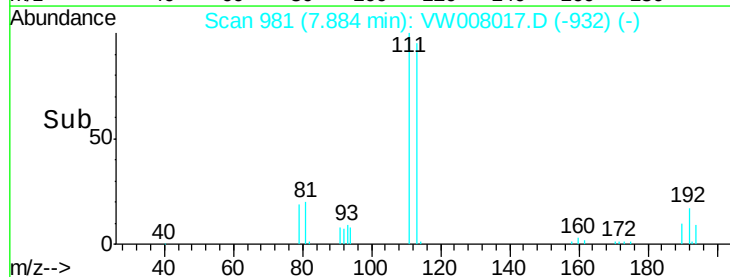
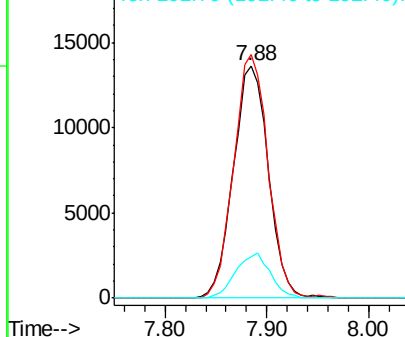


#35  
Dibromofluoromethane  
Concen: 52.220 ug/l  
RT: 7.88 min Scan# 981  
Delta R.T. 0.00 min  
Lab File: VW008017.D  
Acq: 03 Jan 2019 13:37

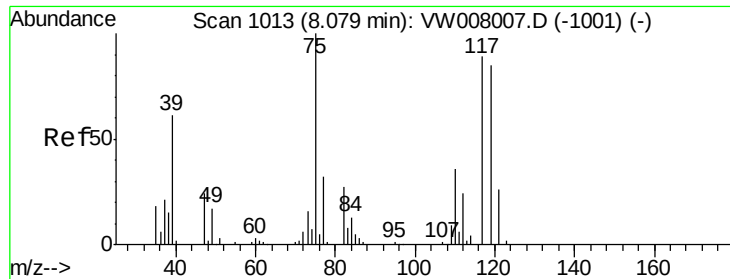
Tgt Ion:113 Resp: 32550  
Ion Ratio Lower Upper  
113 100  
111 102.9 81.4 122.0  
192 18.9 14.8 22.2



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: 5.109 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW008017.D

Acq: 03 Jan 2019 13:37

Instrument :

MSVOA\_W

ClientSampleId :

A-GLICAL-PILE

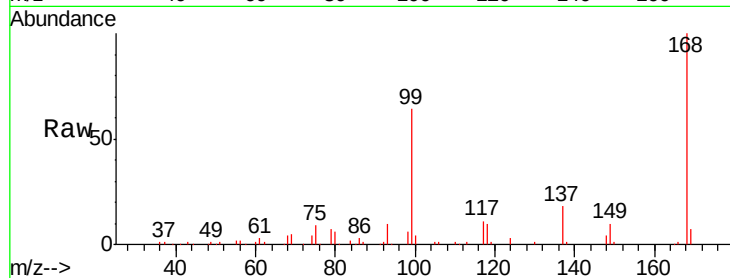
Tgt Ion: 75 Resp: 4983

Ion Ratio Lower Upper

75 100

110 10.1 18.1 54.3#

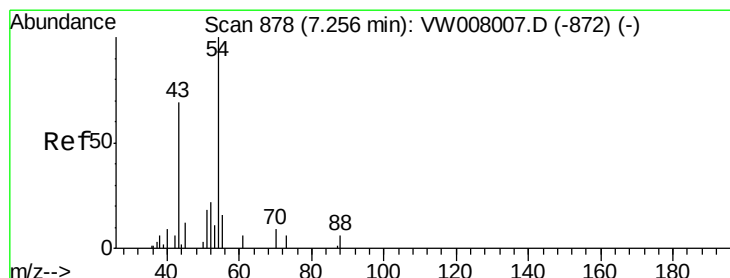
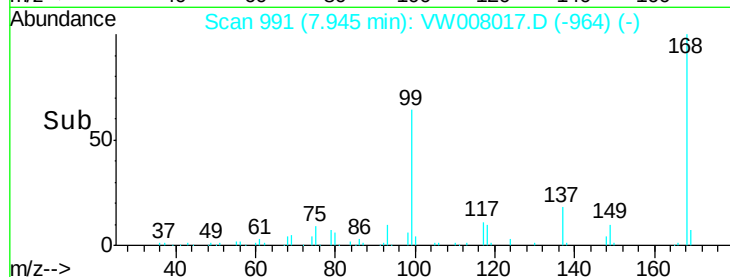
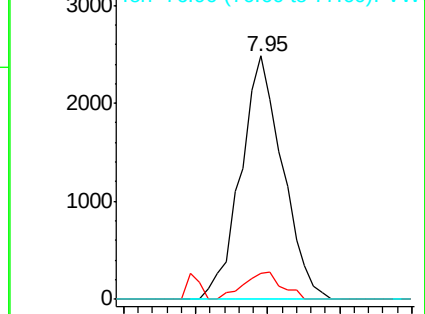
77 0.0 25.3 37.9#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): VW

Ion 76.90 (76.60 to 77.60): VW



#37

Ethyl Acetate

Concen: 2.143 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.09 min

Lab File: VW008017.D

Acq: 03 Jan 2019 13:37

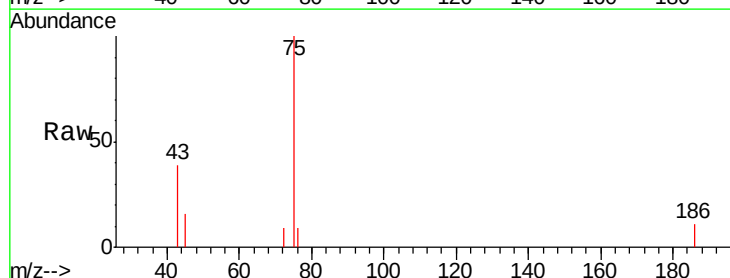
Tgt Ion: 43 Resp: 628

Ion Ratio Lower Upper

43 100

61 3.0 11.4 17.2#

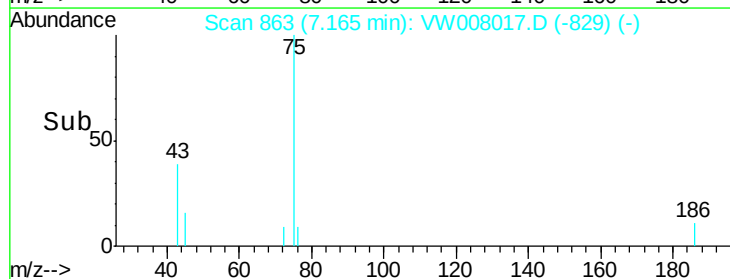
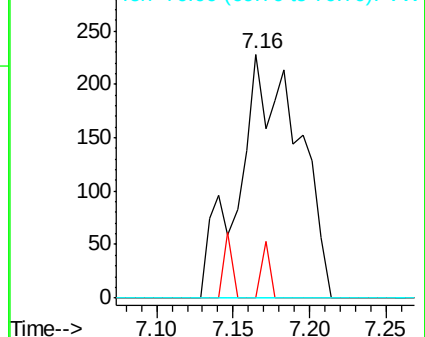
70 0.0 9.4 14.0#

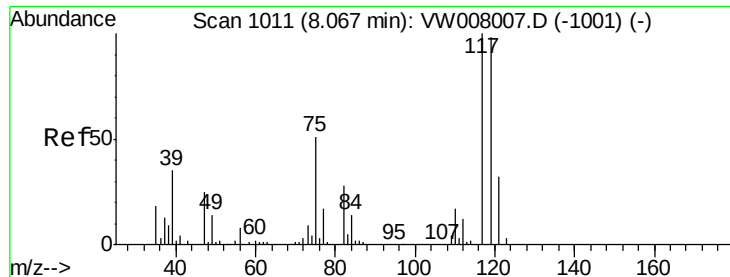


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW





#38

Carbon Tetrachloride

Concen: 5.516 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW008017.D

Acq: 03 Jan 2019 13:37

Instrument :

MSVOA\_W

ClientSampleId :

A-GLICAL-PILE

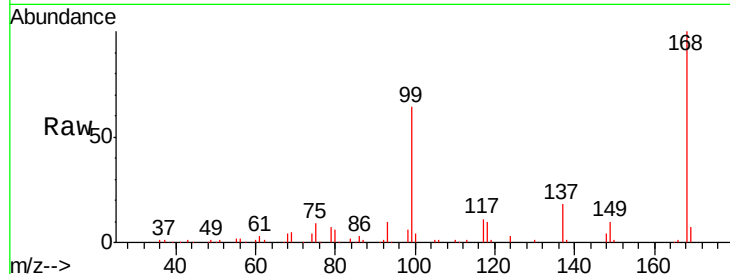
Tgt Ion:117 Resp: 6448

Ion Ratio Lower Upper

117 100

119 6.8 78.7 118.1#

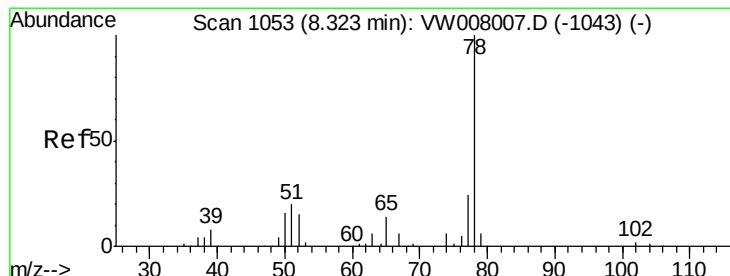
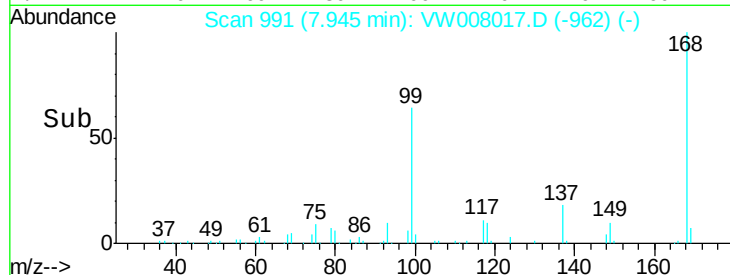
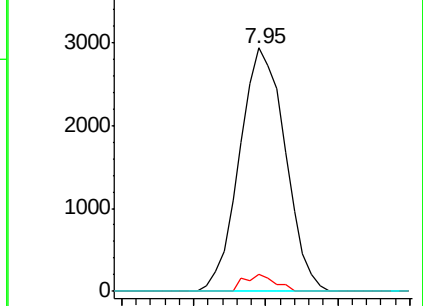
121 0.0 25.8 38.8#



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



#40

Benzene

Concen: 1.025 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VW008017.D

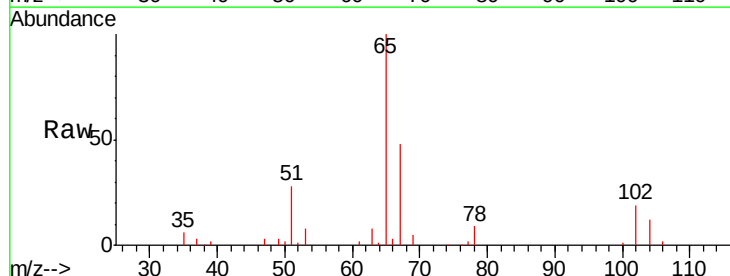
Acq: 03 Jan 2019 13:37

Tgt Ion: 78 Resp: 2638

Ion Ratio Lower Upper

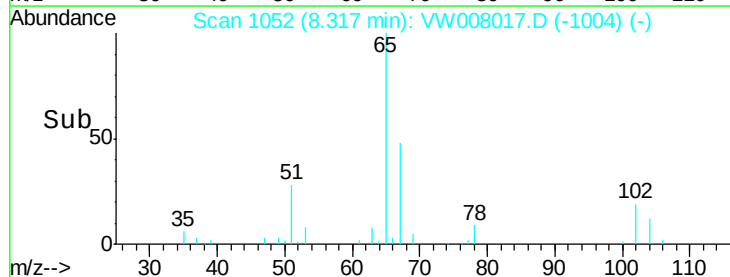
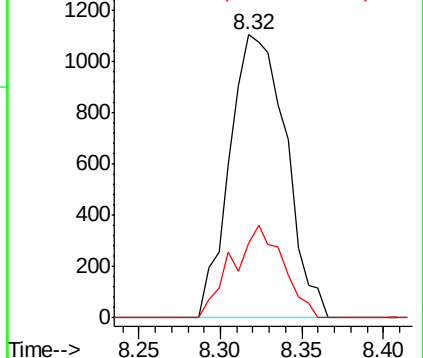
78 100

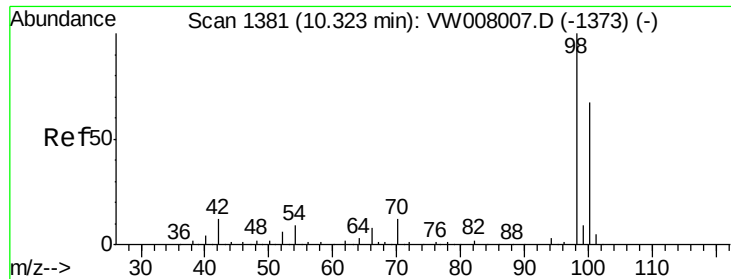
77 26.3 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

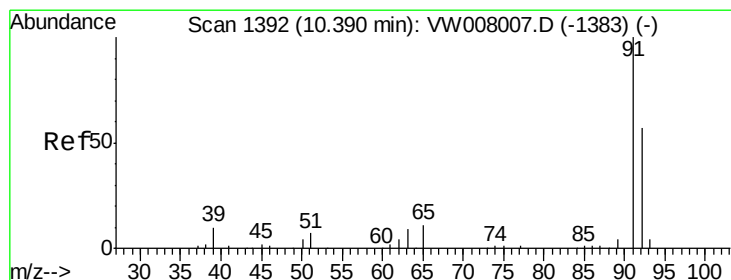
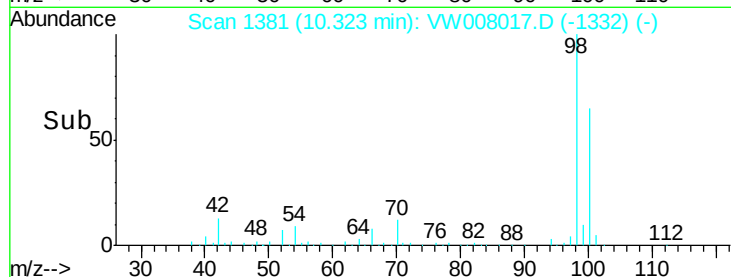
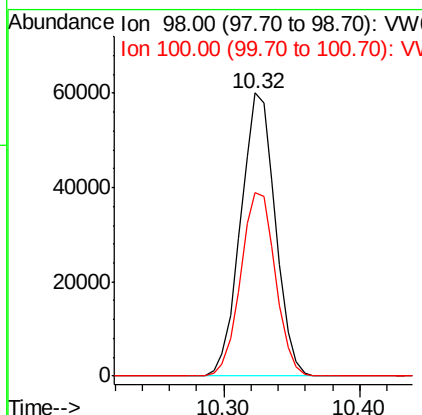
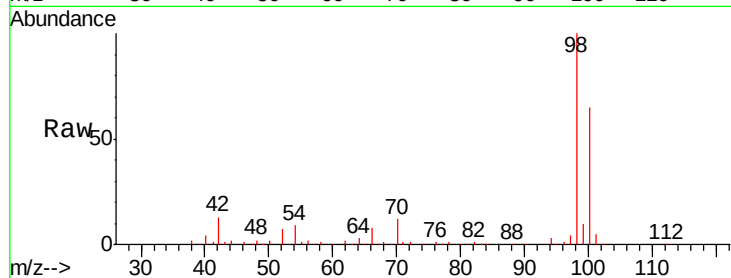




#50  
Toluene-d8  
Concen: 45.558 ug/l  
RT: 10.32 min Scan# 1381  
Delta R.T. 0.00 min  
Lab File: VW008017.D  
Acq: 03 Jan 2019 13:37

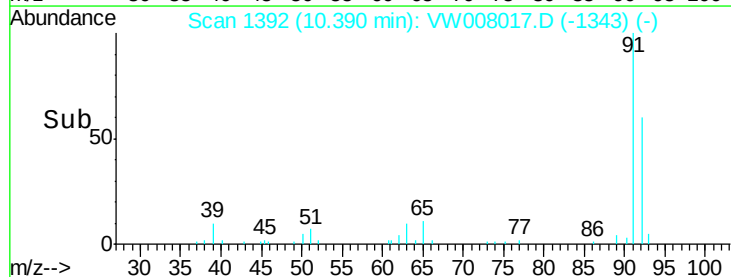
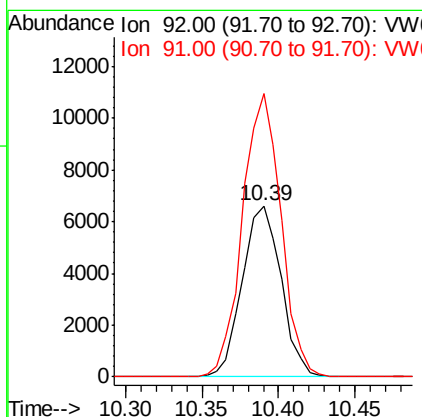
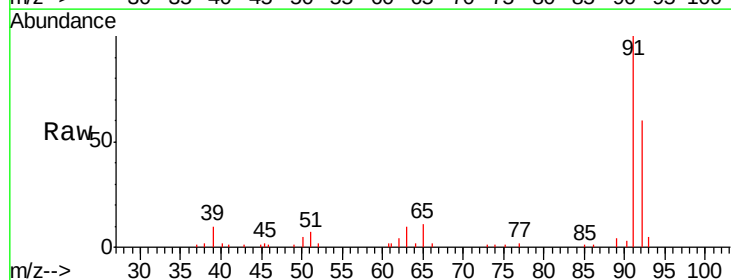
Instrument :  
MSVOA\_W  
ClientSampleId :  
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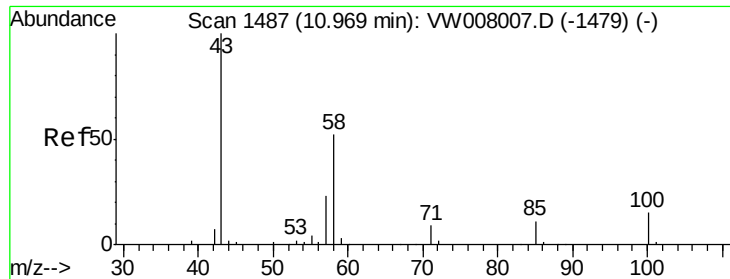
Tgt Ion: 98 Resp: 106524  
Ion Ratio Lower Upper  
98 100  
100 65.4 52.9 79.3



#52  
Toluene  
Concen: 6.879 ug/l  
RT: 10.39 min Scan# 1392  
Delta R.T. 0.00 min  
Lab File: VW008017.D  
Acq: 03 Jan 2019 13:37

Tgt Ion: 92 Resp: 11685  
Ion Ratio Lower Upper  
92 100  
91 163.9 136.9 205.3

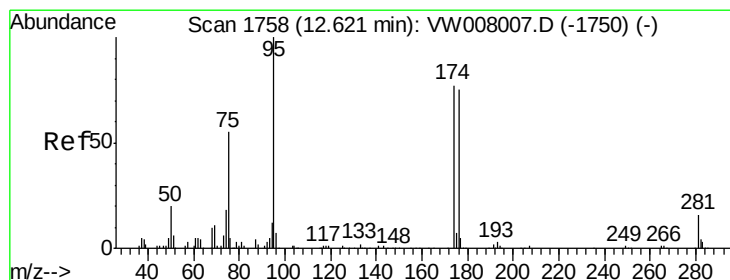
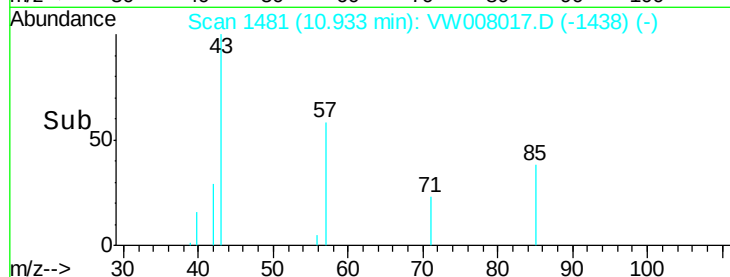
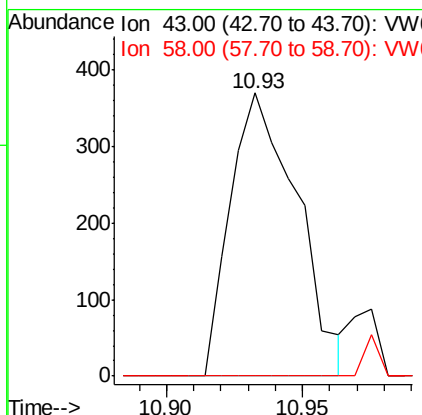
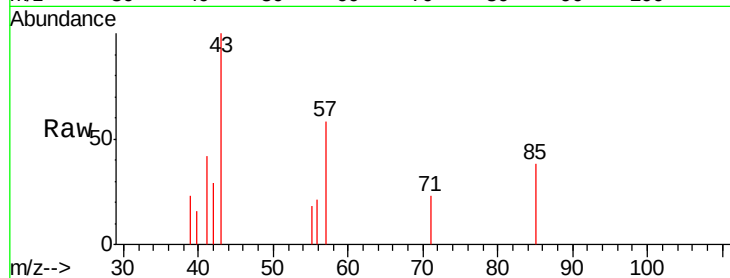




#59  
2-Hexanone  
Concen: 3.368 ug/l  
RT: 10.93 min Scan# 1481  
Delta R.T. -0.04 min  
Lab File: VW008017.D  
Acq: 03 Jan 2019 13:37

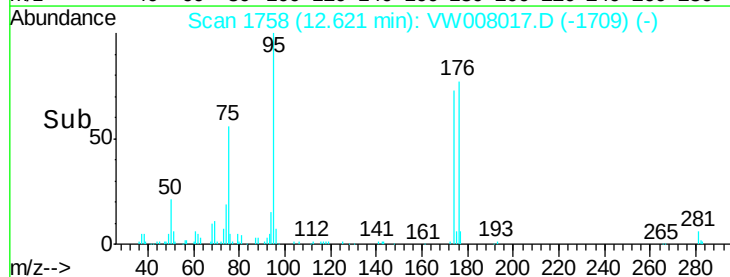
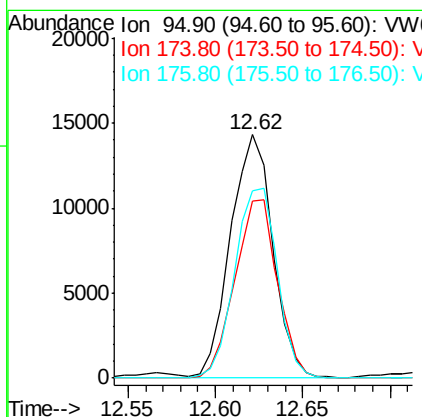
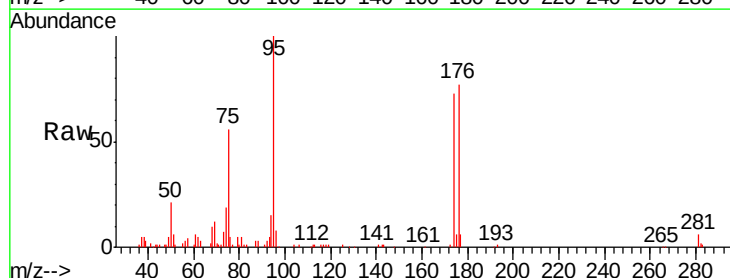
Instrument :  
MSVOA\_W  
ClientSampled :  
A-GLICAL-PILE

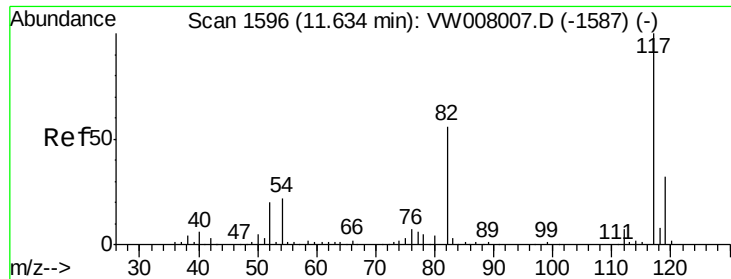
Tgt Ion: 43 Resp: 630  
Ion Ratio Lower Upper  
43 100  
58 0.0 27.1 81.2#



#62  
4-Bromofluorobenzene  
Concen: 26.843 ug/l  
RT: 12.62 min Scan# 1758  
Delta R.T. 0.00 min  
Lab File: VW008017.D  
Acq: 03 Jan 2019 13:37

Tgt Ion: 95 Resp: 24071  
Ion Ratio Lower Upper  
95 100  
174 73.8 0.0 149.6  
176 78.6 0.0 145.4

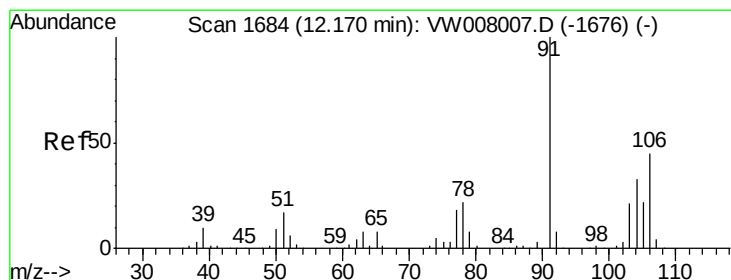
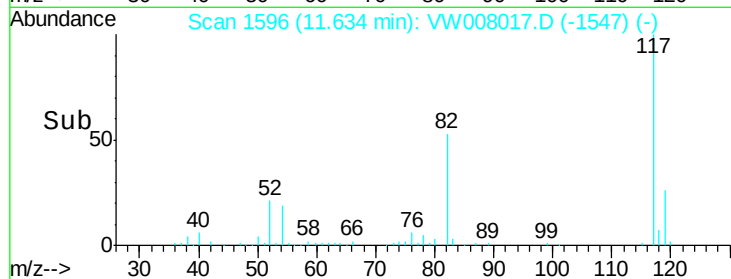
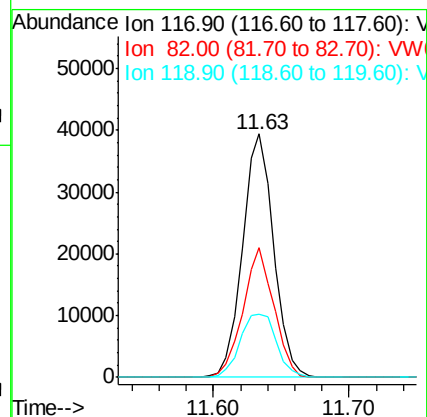
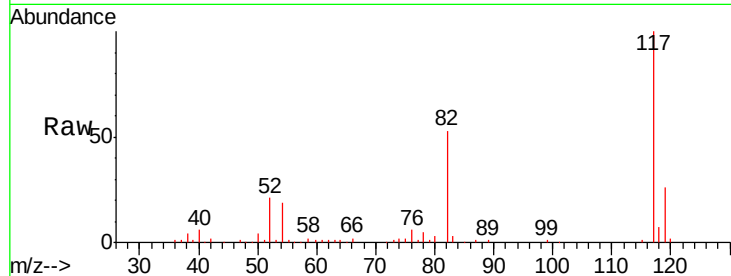




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VW008017.D  
Acq: 03 Jan 2019 13:37

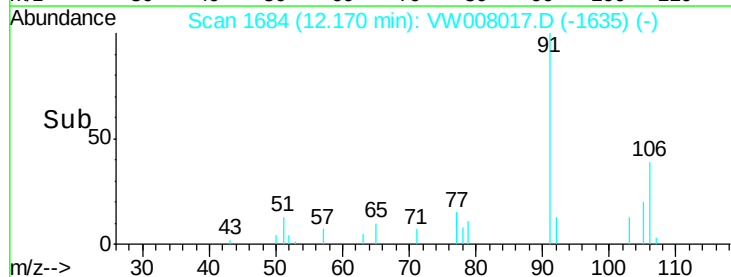
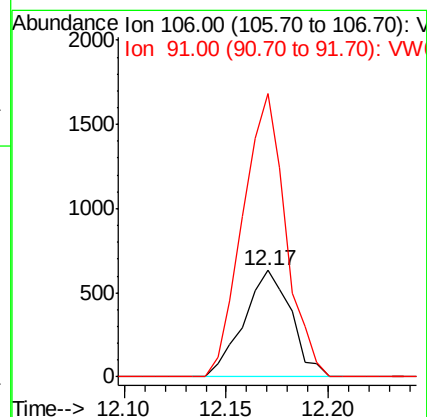
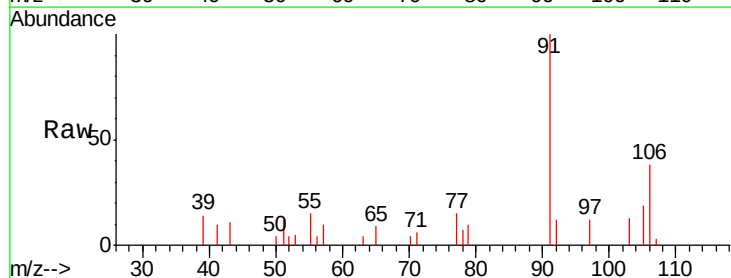
Instrument :  
MSVOA\_W  
ClientSampleId :  
A-GLICAL-PILE

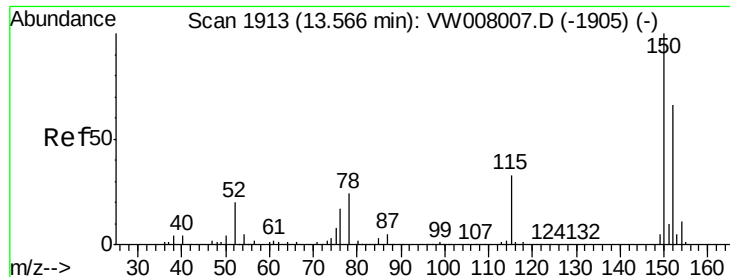
Tgt Ion:117 Resp: 62758  
Ion Ratio Lower Upper  
117 100  
82 53.4 44.8 67.2  
119 26.1 25.6 38.4



#69  
o-Xylene  
Concen: 1.189 ug/l  
RT: 12.17 min Scan# 1684  
Delta R.T. 0.00 min  
Lab File: VW008017.D  
Acq: 03 Jan 2019 13:37

Tgt Ion:106 Resp: 1018  
Ion Ratio Lower Upper  
106 100  
91 242.6 110.6 331.6

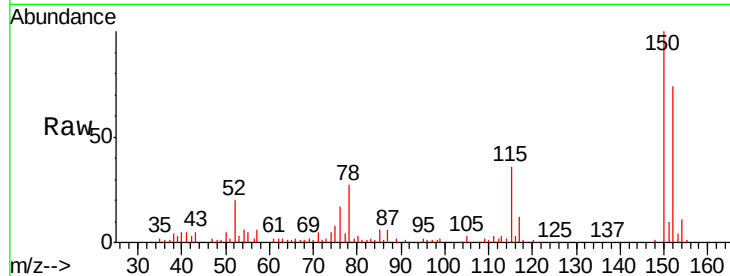




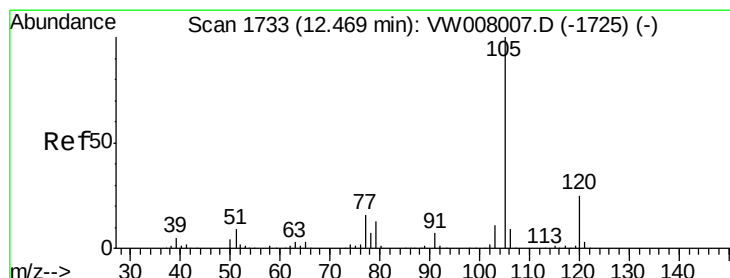
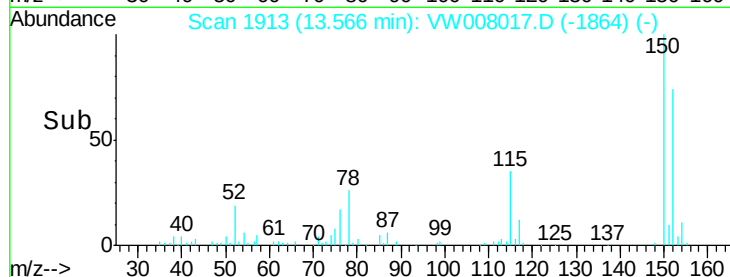
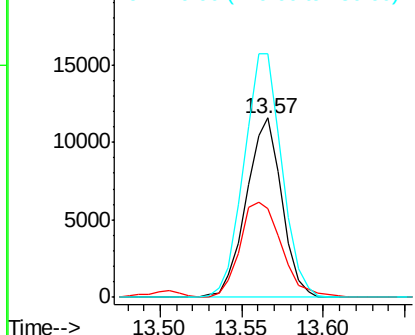
#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.57 min Scan# 1913  
 Delta R.T. 0.00 min  
 Lab File: VW008017.D  
 Acq: 03 Jan 2019 13:37

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A-GLICAL-PILE

Tgt Ion:152 Resp: 17506  
 Ion Ratio Lower Upper  
 152 100  
 115 62.7 32.1 96.5  
 150 145.0 0.0 345.0

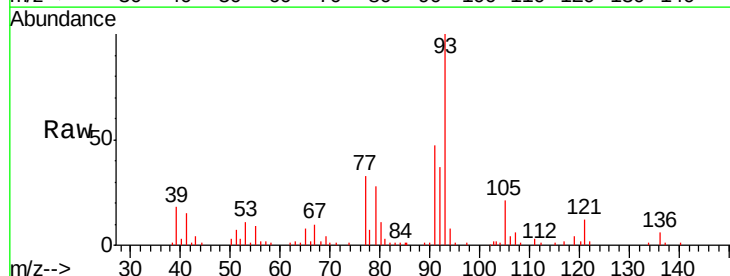


Abundance Ion 151.90 (151.60 to 152.60): V  
 Ion 114.90 (114.60 to 115.60): V  
 Ion 149.90 (149.60 to 150.60): V

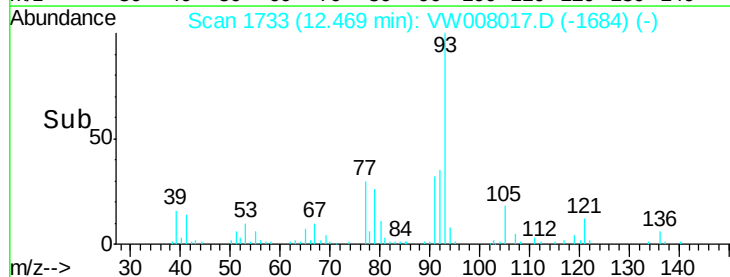
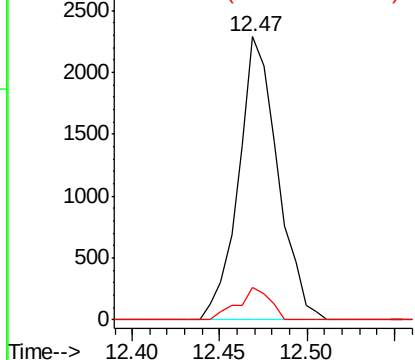


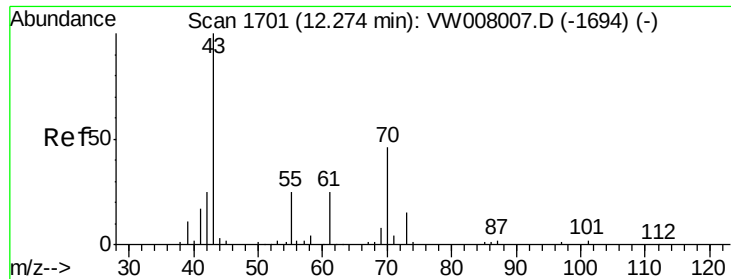
#73  
 Isopropylbenzene  
 Concen: 2.551 ug/l  
 RT: 12.47 min Scan# 1733  
 Delta R.T. 0.00 min  
 Lab File: VW008017.D  
 Acq: 03 Jan 2019 13:37

Tgt Ion:105 Resp: 3551  
 Ion Ratio Lower Upper  
 105 100  
 120 9.2 12.8 38.3#



Abundance Ion 105.00 (104.70 to 105.70): V  
 Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 7.832 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW008017.D

Acq: 03 Jan 2019 13:37

Instrument :

MSVOA\_W

ClientSampleId :

A-GLICAL-PILE

Tgt Ion: 43 Resp: 1697

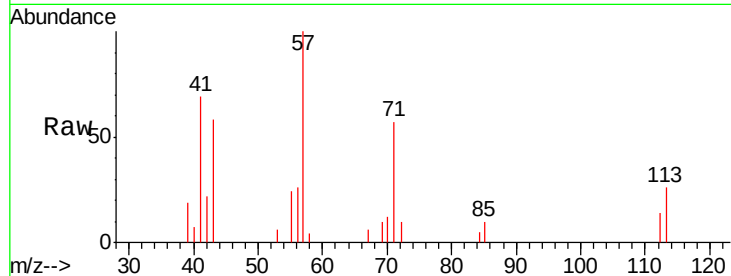
Ion Ratio Lower Upper

43 100

70 25.2 35.2 52.8#

55 39.4 21.4 32.0#

61 0.0 19.4 29.0#

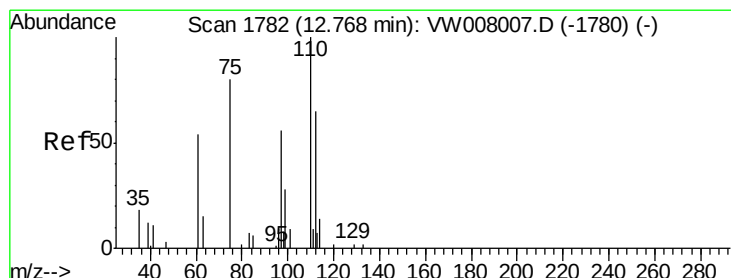
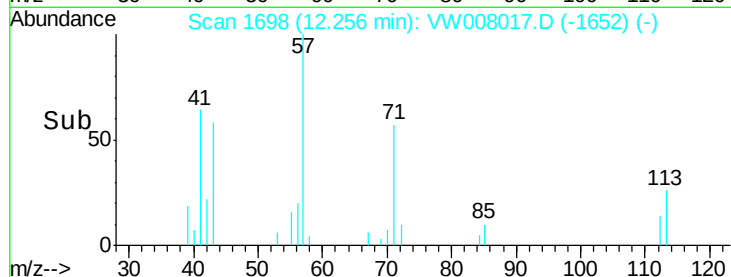
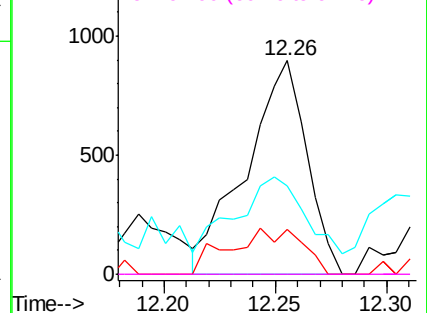


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#76

1,2,3-Trichloropropane

Concen: 97.832 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008017.D

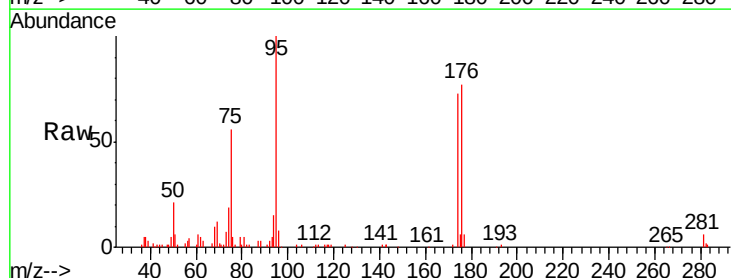
Acq: 03 Jan 2019 13:37

Tgt Ion: 75 Resp: 13625

Ion Ratio Lower Upper

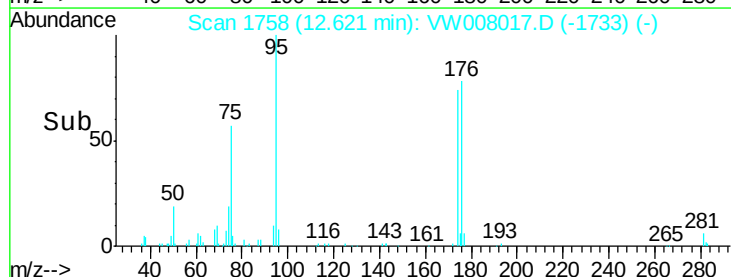
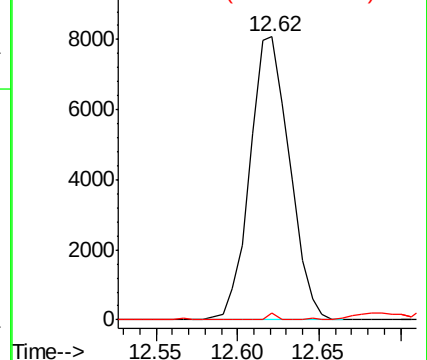
75 100

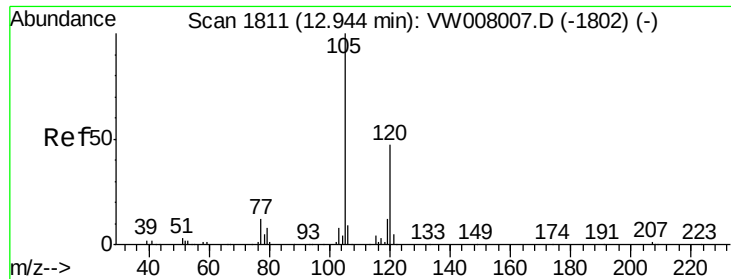
77 0.0 186.2 558.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

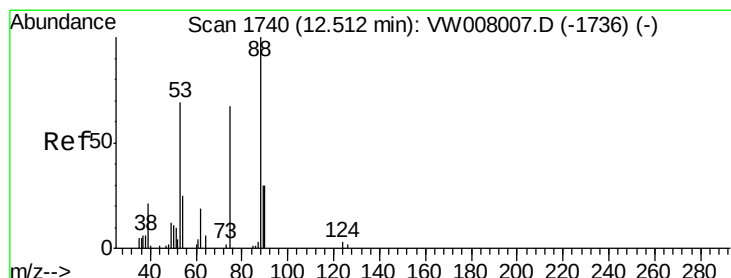
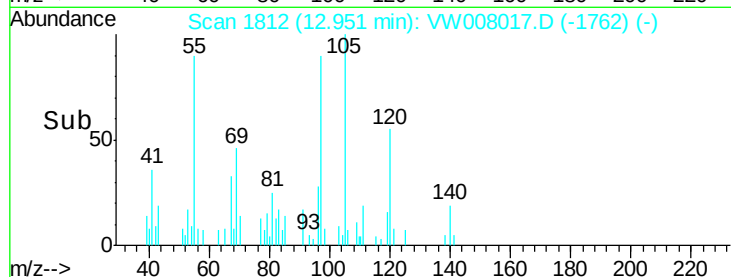
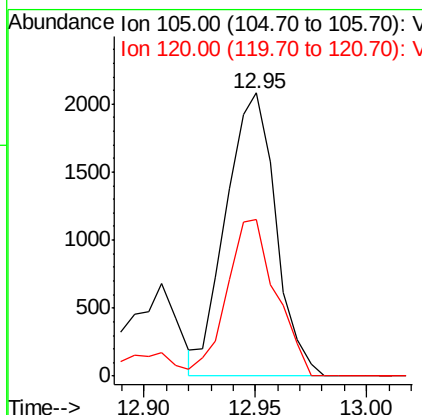
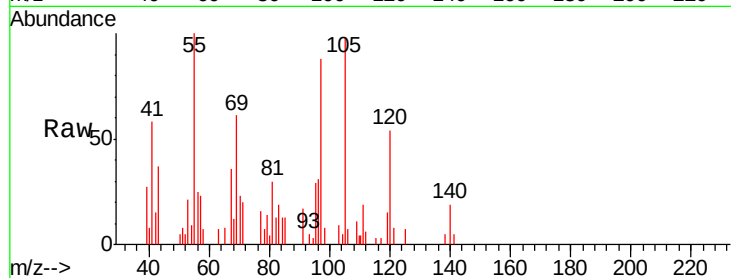




#80  
 1,3,5-Trimethylbenzene  
 Concen: 2.704 ug/l  
 RT: 12.95 min Scan# 1812  
 Delta R.T. 0.01 min  
 Lab File: VW008017.D  
 Acq: 03 Jan 2019 13:37

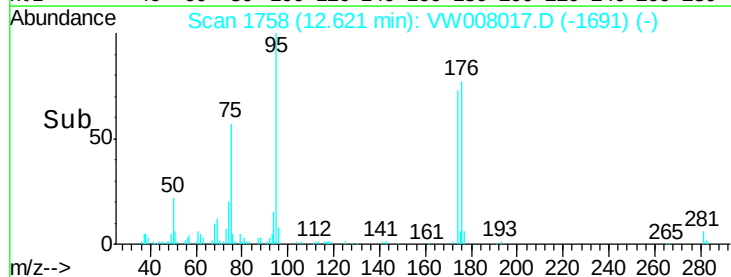
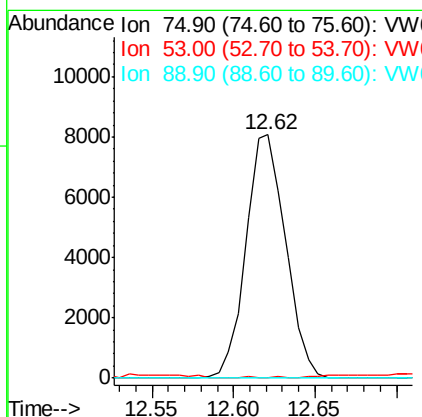
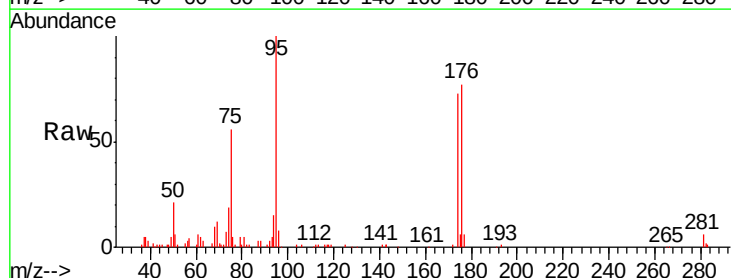
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A-GLICAL-PILE

Tgt Ion: 105 Resp: 3240  
 Ion Ratio Lower Upper  
 105 100  
 120 54.3 23.3 69.9

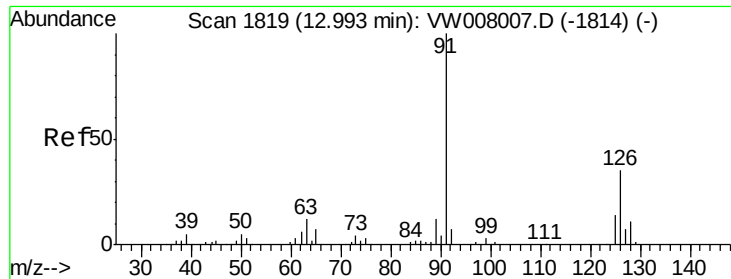


#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 231.358 ug/l  
 RT: 12.62 min Scan# 1758  
 Delta R.T. 0.11 min  
 Lab File: VW008017.D  
 Acq: 03 Jan 2019 13:37

Tgt Ion: 75 Resp: 13625  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 87.6 131.4#  
 89 0.0 42.2 63.2#



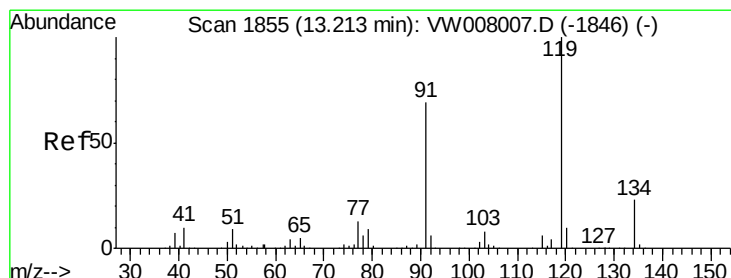
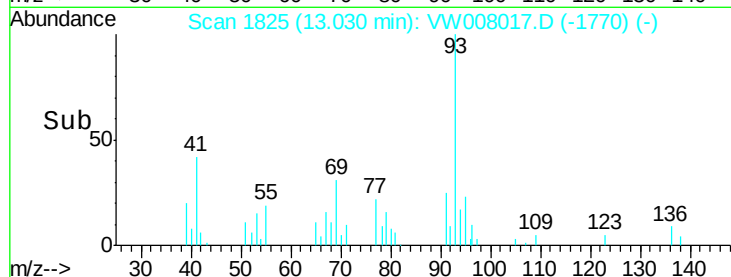
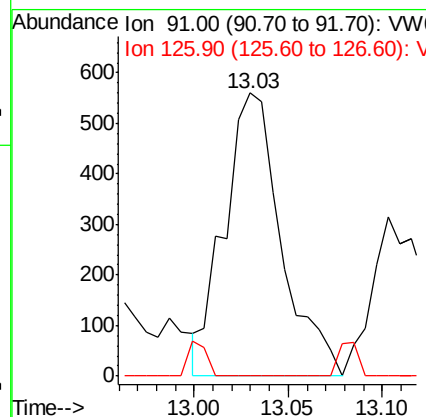
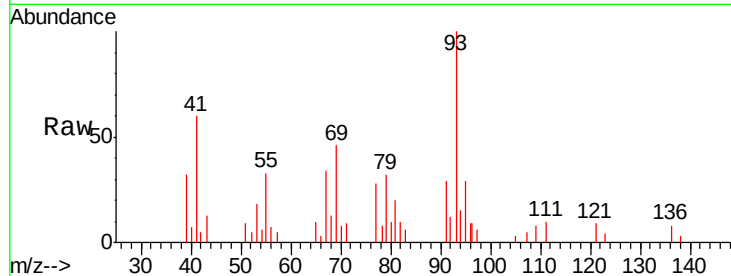




#82  
4-Chlorotoluene  
Concen: 1.183 ug/l  
RT: 13.03 min Scan# 1825  
Delta R.T. 0.04 min  
Lab File: VW008017.D  
Acq: 03 Jan 2019 13:37

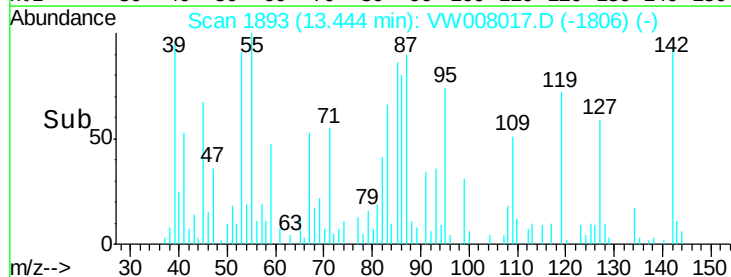
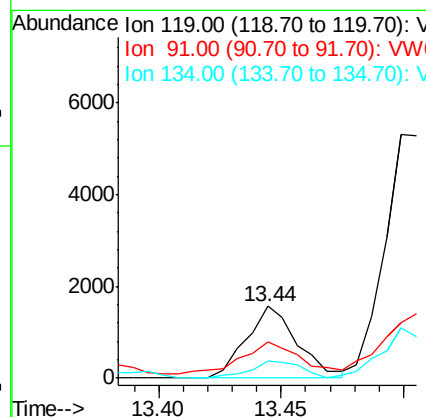
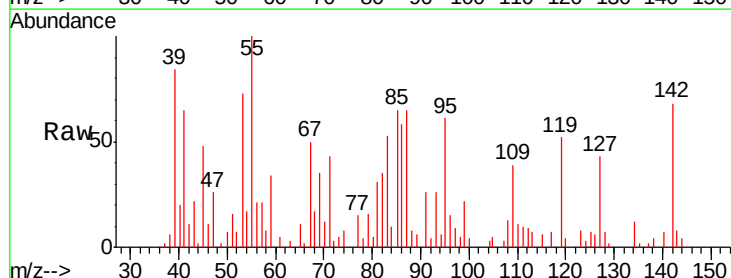
Instrument :  
MSVOA\_W  
ClientSampleId :  
A-GLICAL-PILE

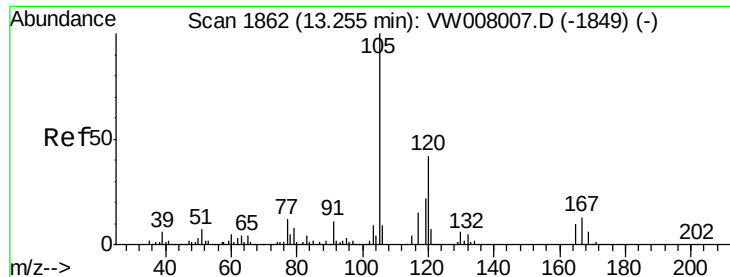
Tgt Ion: 91 Resp: 1173  
Ion Ratio Lower Upper  
91 100  
126 0.0 16.7 50.1#



#83  
tert-Butylbenzene  
Concen: 2.175 ug/l  
RT: 13.44 min Scan# 1893  
Delta R.T. 0.23 min  
Lab File: VW008017.D  
Acq: 03 Jan 2019 13:37

Tgt Ion: 119 Resp: 2280  
Ion Ratio Lower Upper  
119 100  
91 50.2 34.7 104.1  
134 23.2 11.5 34.4

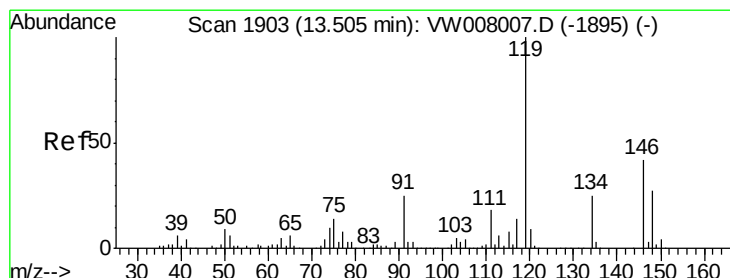
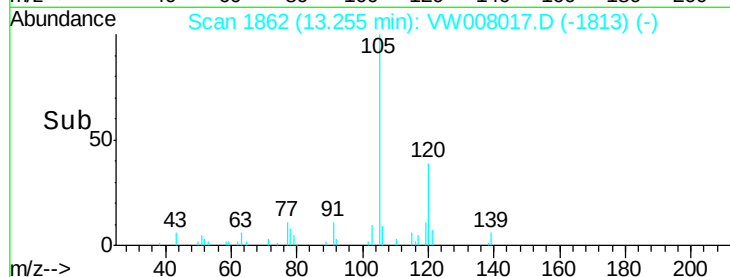
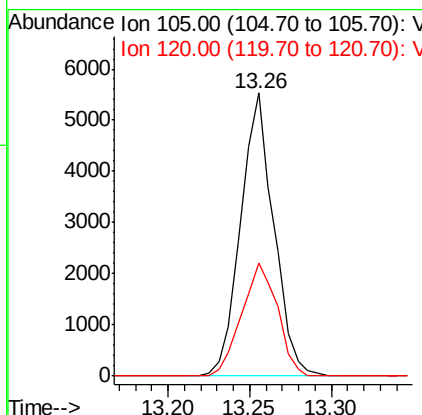
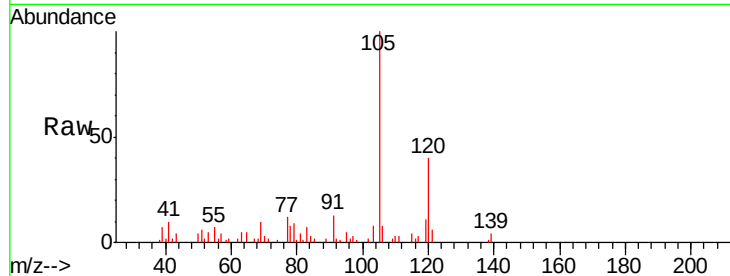




#84  
 1,2,4-Trimethylbenzene  
 Concen: 6.448 ug/l  
 RT: 13.26 min Scan# 1862  
 Delta R.T. 0.00 min  
 Lab File: VW008017.D  
 Acq: 03 Jan 2019 13:37

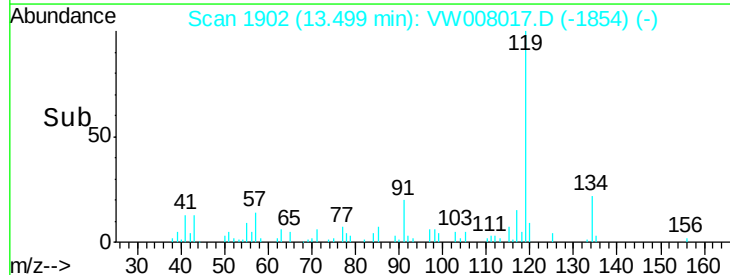
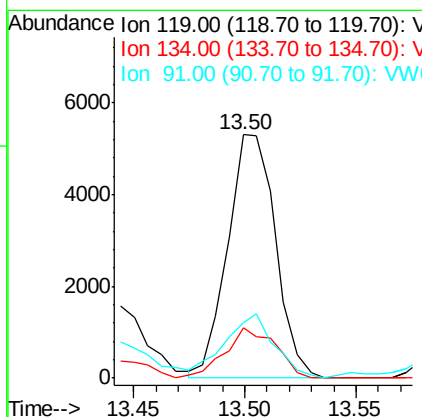
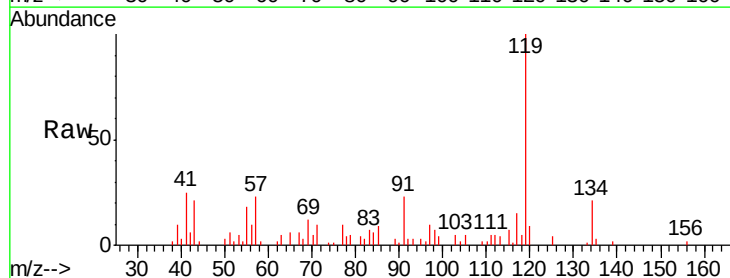
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A-GLICAL-PILE

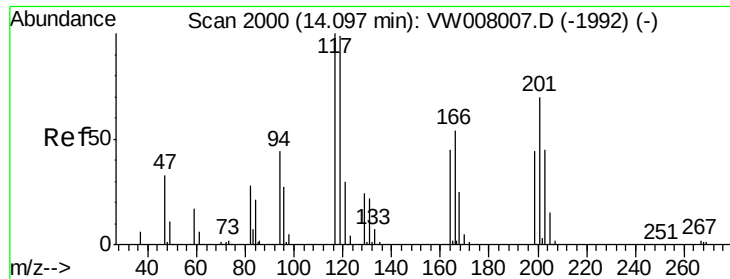
Tgt Ion:105 Resp: 7826  
 Ion Ratio Lower Upper  
 105 100  
 120 43.1 21.5 64.5



#86  
 p-Isopropyltoluene  
 Concen: 6.105 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.01 min  
 Lab File: VW008017.D  
 Acq: 03 Jan 2019 13:37

Tgt Ion:119 Resp: 7941  
 Ion Ratio Lower Upper  
 119 100  
 134 22.0 12.5 37.5  
 91 27.5 13.1 39.3





#90

Hexachloroethane

Concen: 1.688 ug/l

RT: 14.11 min Scan# 2002

Delta R.T. 0.01 min

Lab File: VW008017.D

Acq: 03 Jan 2019 13:37

Instrument :

MSVOA\_W

ClientSampleId :

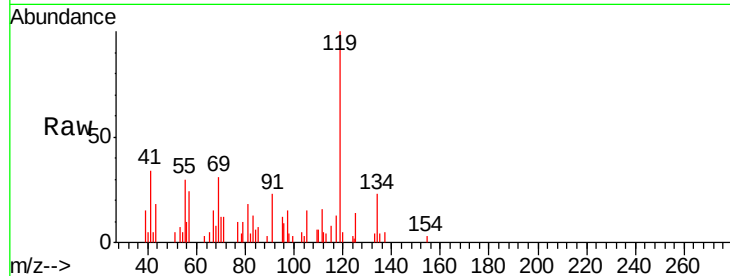
A-GLICAL-PILE

Tgt Ion:117 Resp: 381

Ion Ratio Lower Upper

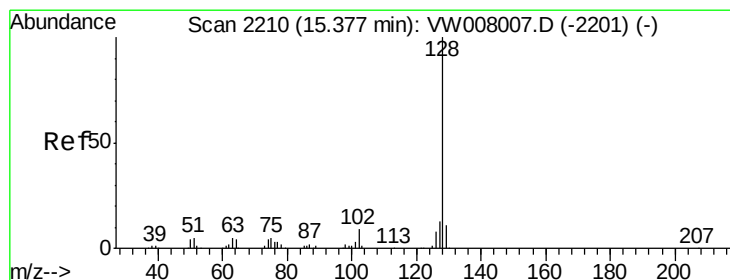
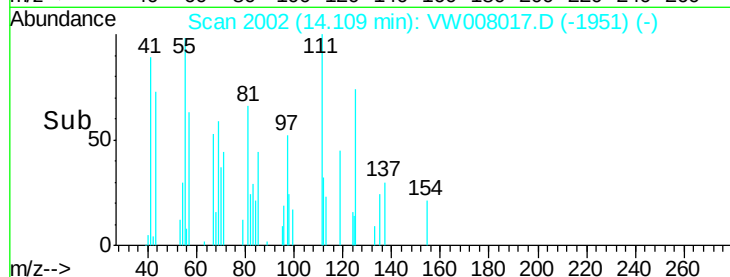
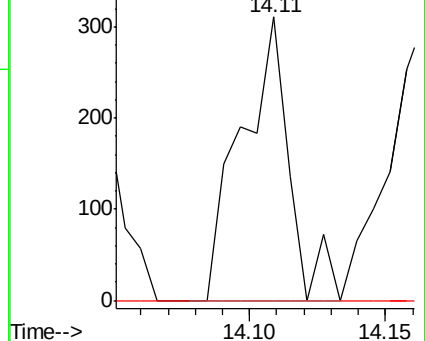
117 100

201 0.0 37.1 111.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 26.745 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW008017.D

Acq: 03 Jan 2019 13:37

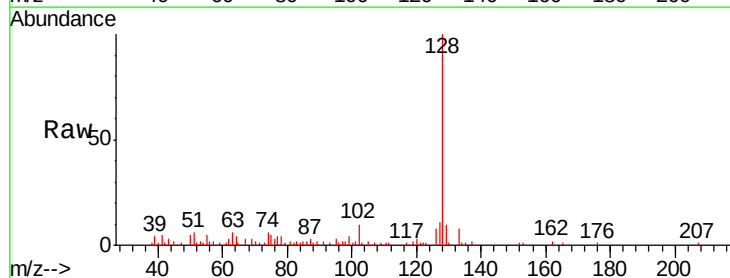
Tgt Ion:128 Resp: 16972

Ion Ratio Lower Upper

128 100

127 15.1 10.8 16.2

129 13.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

