

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062419\  
 Data File : VW010928.D  
 Acq On : 24 Jun 2019 12:47  
 Operator : SY/VA  
 Sample : K3497-06  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GAM09

Quant Time: Jun 25 02:28:40 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM062419S.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Jun 24 11:05:49 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 401644   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 358008   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 176789   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 121506   | 23.34    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 93.36% |
| 7) Chloroethane-d5             | 2.88   | 69    | 93365    | 23.26    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 93.04% |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 281230   | 22.86    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 91.44% |
| 20) 2-Butanone-d5              | 7.07   | 46    | 112568   | 46.04    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 92.08% |
| 24) Chloroform-d               | 7.65   | 84    | 246634   | 22.77    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 91.08% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 160264   | 23.87    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 95.48% |
| 29) Benzene-d6                 | 8.27   | 84    | 523064   | 24.34    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 97.36% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 172091   | 24.23    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 96.92% |
| 37) Toluene-d8                 | 10.32  | 98    | 473114   | 24.39    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 97.56% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 75006    | 23.86    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 95.44% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 73494    | 46.05    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 92.10% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 136208   | 23.27    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 93.08% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 159030   | 23.83    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 95.32% |

## Target Compounds

| Target Compounds             | R.T. | QIon | Response | Conc   | Units | Ovalue |
|------------------------------|------|------|----------|--------|-------|--------|
| 3) Chloromethane             | 2.21 | 50   | 106877   | 17.805 | ug/L  | 99     |
| 6) Bromomethane              | 2.77 | 94   | 31527    | 8.900  | ug/L  | 99     |
| 9) Trichlorofluoromethane    | 3.25 | 101  | 33926    | 13.998 | ug/L  | 98     |
| 12) 1,1-Dichloroethene       | 4.04 | 96   | 116377   | 20.700 | ug/L  | 94     |
| 13) Acetone                  | 4.12 | 43   | 154011   | 65.782 | ug/L  | 99     |
| 15) Methyl Acetate           | 4.67 | 43   | 150283   | 37.082 | ug/L  | 100    |
| 16) Methylene chloride       | 4.92 | 84   | 71272    | 11.982 | ug/L  | 98     |
| 17) Methyl tert-butyl Ether  | 5.42 | 73   | 264234   | 30.018 | ug/L  | 100    |
| 18) trans-1,2-Dichloroethene | 5.42 | 96   | 59139    | 10.461 | ug/L  | 99     |
| 22) cis-1,2-Dichloroethene   | 7.17 | 96   | 151794   | 24.955 | ug/L  | 99     |
| 23) Bromochloromethane       | 7.51 | 128  | 37341    | 14.434 | ug/L  | 98     |
| 27) 1,2-Dichloroethane       | 8.40 | 62   | 81832    | 9.858  | ug/L  | 98     |
| 30) Cyclohexane              | 7.95 | 56   | 120716   | 10.197 | ug/L  | 99     |
| 31) 1,1,1-Trichloroethane    | 7.87 | 97   | 78305    | 10.057 | ug/L  | 98     |
| 32) Carbon tetrachloride     | 8.07 | 117  | 91124    | 12.390 | ug/L  | 99     |
| 35) Trichloroethene          | 9.09 | 95   | 239808   | 40.196 | ug/L  | 100    |
| 36) Methylcyclohexane        | 9.34 | 83   | 279008   | 25.479 | ug/L  | 100    |

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 MSVOA\_W  
 ClientSampleId :  
 GAM09

Quant Time: Jun 25 02:28:40 2019  
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 Quant Title : VOC Analysis  
 QLast Update : Mon Jun 24 11:05:49 2019  
 Response via : Initial Calibration

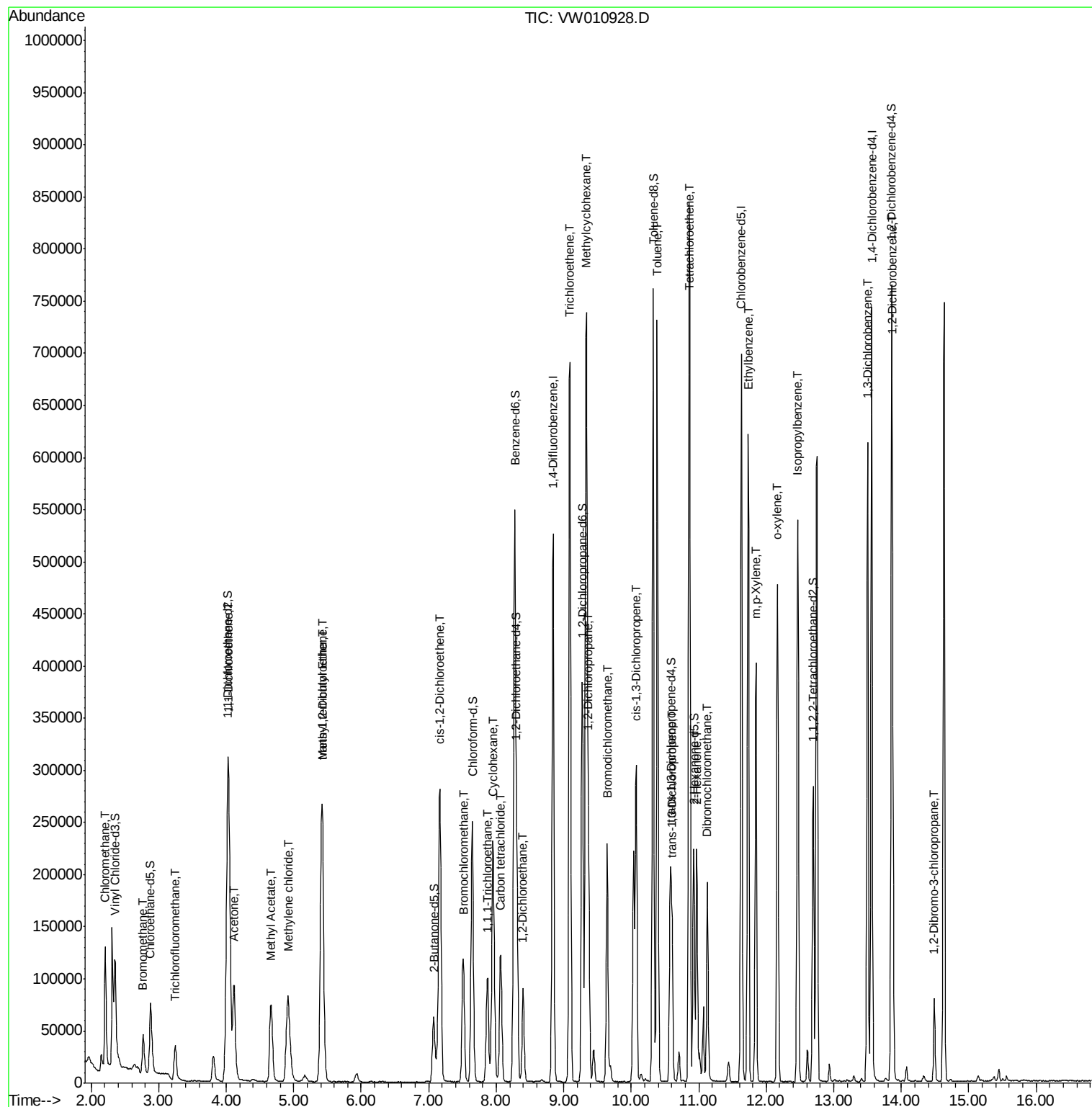
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 40) 1,2-Dichloropropane        | 9.37  | 63   | 83665    | 12.921 | ug/L  | 99       |
| 41) Bromodichloromethane       | 9.64  | 83   | 149011   | 19.610 | ug/L  | 98       |
| 42) cis-1,3-Dichloropropene    | 10.07 | 75   | 165780   | 16.643 | ug/L  | 99       |
| 44) Toluene                    | 10.38 | 91   | 500576   | 20.349 | ug/L  | 100      |
| 45) trans-1,3-Dichloropropene  | 10.60 | 75   | 67479    | 8.195  | ug/L  | 100      |
| 47) Tetrachloroethene          | 10.86 | 164  | 179173   | 39.600 | ug/L  | 97       |
| 49) 2-Hexanone                 | 10.97 | 43   | 150666   | 35.243 | ug/L  | 98       |
| 50) Dibromochloromethane       | 11.13 | 129  | 94294    | 19.298 | ug/L  | 98       |
| 53) Ethylbenzene               | 11.73 | 91   | 416964   | 15.045 | ug/L  | 99       |
| 54) m,p-Xylene                 | 11.85 | 106  | 101505   | 10.093 | ug/L  | 99       |
| 55) o-xylene                   | 12.17 | 106  | 119733   | 12.407 | ug/L  | 98       |
| 57) Isopropylbenzene           | 12.46 | 105  | 330216   | 12.612 | ug/L  | 99       |
| 63) 1,3-Dichlorobenzene        | 13.50 | 146  | 226071   | 19.642 | ug/L  | 100      |
| 65) 1,2-Dichlorobenzene        | 13.87 | 146  | 107383   | 10.087 | ug/L  | 100      |
| 66) 1,2-Dibromo-3-chloropropan | 14.49 | 75   | 19812    | 18.189 | ug/L  | 97       |

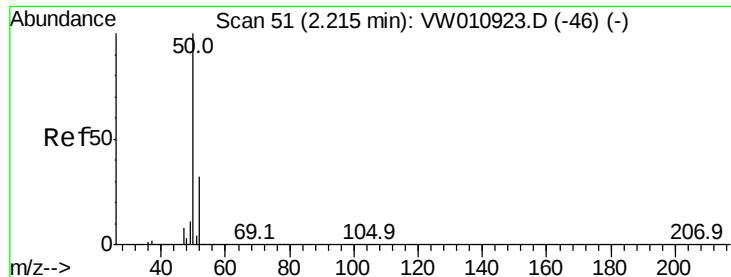
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Quant Title : VOC Analysis  
QLast Update : Mon Jun 24 11:05:49 2019  
Response via : Initial Calibration





#3

Chloromethane

Concen: 17.805 ug/L

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW010928.D

Acq: 24 Jun 2019 12:47

Instrument :

MSVOA\_W

ClientSampleId :

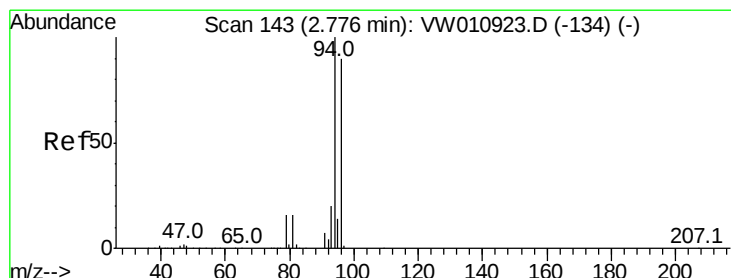
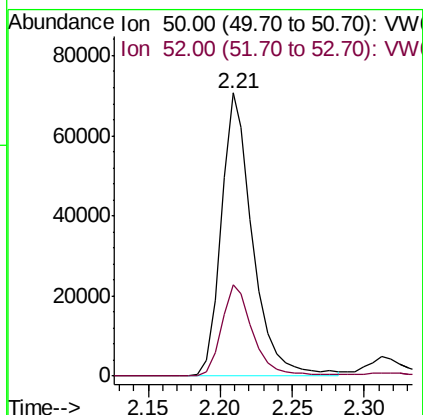
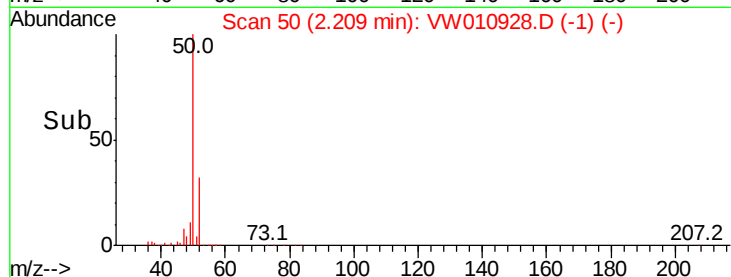
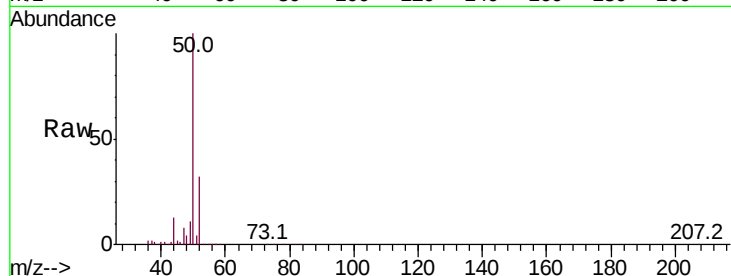
GAM09

Tot Ion: 50 Resp: 106877

Ion Ratio Lower Upper

50 100

52 32.3 22.3 41.5



#6

Bromomethane

Concen: 8.900 ug/L

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW010928.D

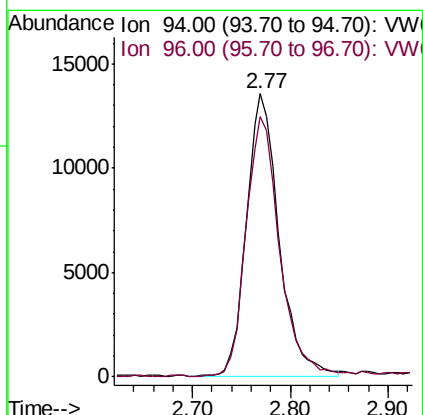
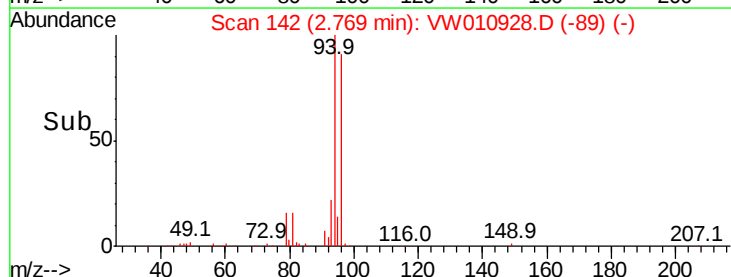
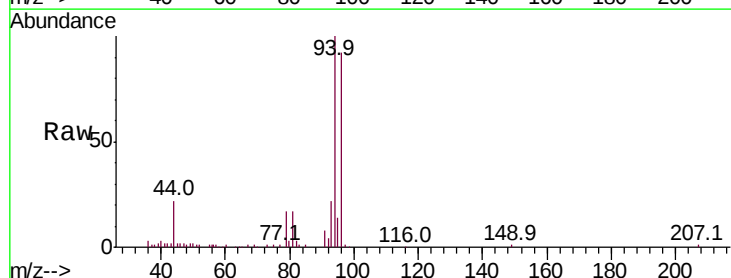
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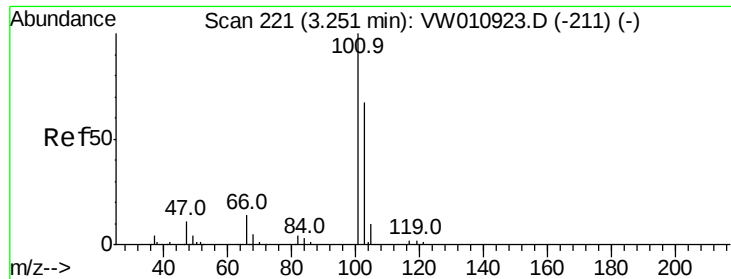
Tgt Ion: 94 Resp: 31527

Ion Ratio Lower Upper

94 100

96 93.7 9.2 175.8



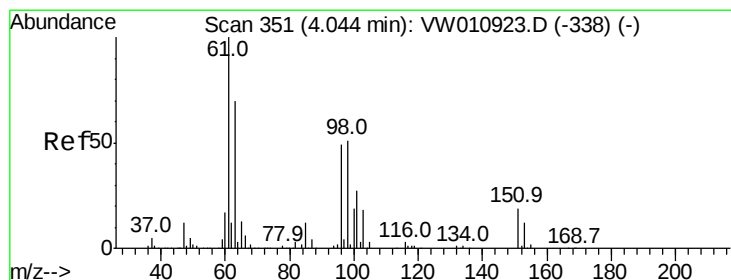
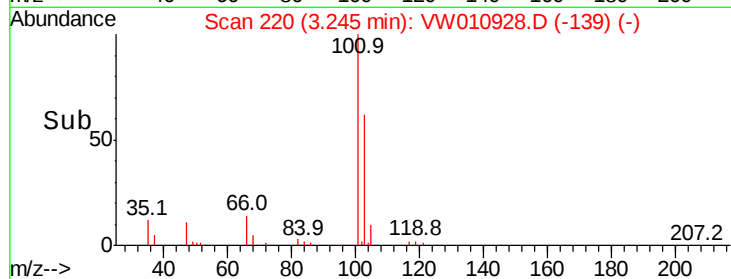
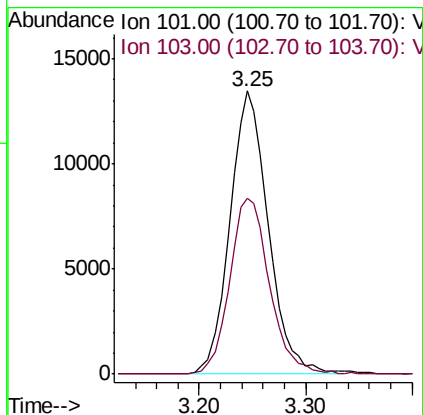
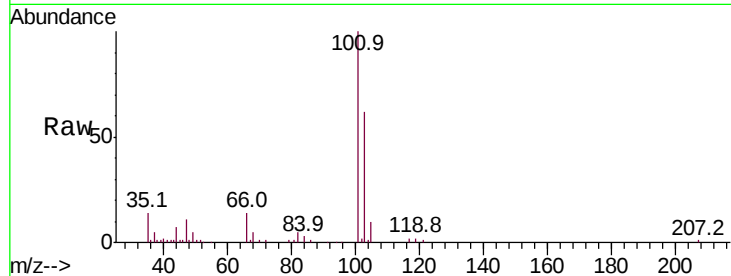


#9

Trichlorofluoromethane  
 Concen: 13.998 ug/L  
 RT: 3.25 min Scan# 220  
 Delta R.T. -0.01 min  
 Lab File: VW010928.D  
 Acq: 24 Jun 2019 12:47

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 GAM09

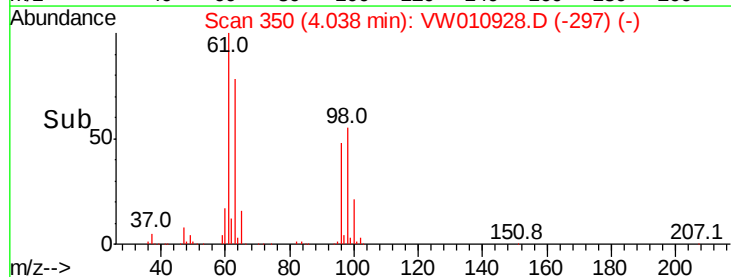
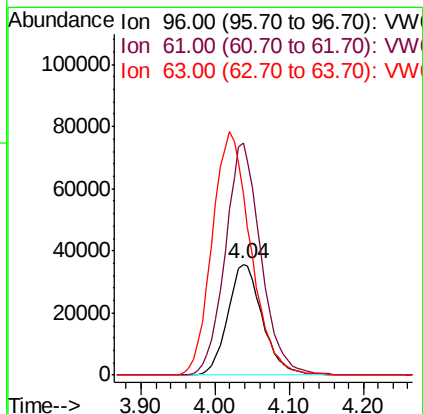
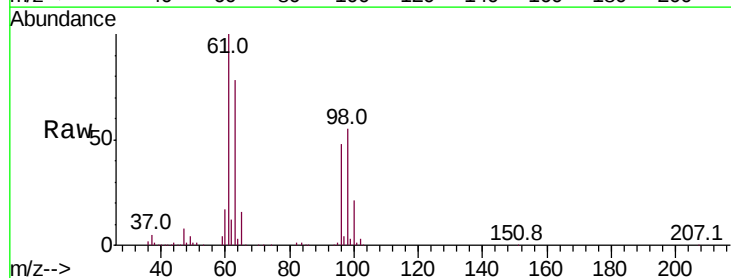
Tot Ion:101 Resp: 33926  
 Ion Ratio Lower Upper  
 101 100  
 103 64.5 46.4 86.2

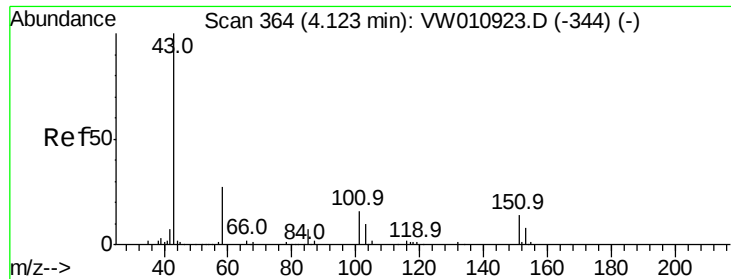


#12

1,1-Dichloroethene  
 Concen: 20.700 ug/L  
 RT: 4.04 min Scan# 350  
 Delta R.T. -0.01 min  
 Lab File: VW010928.D  
 Acq: 24 Jun 2019 12:47

Tgt Ion: 96 Resp: 116377  
 Ion Ratio Lower Upper  
 96 100  
 61 208.8 144.5 268.3  
 63 162.8 102.3 189.9





#13

Acetone

Concen: 65.782 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW010928.D

Acq: 24 Jun 2019 12:47

Instrument :

MSVOA\_W

ClientSampleId :

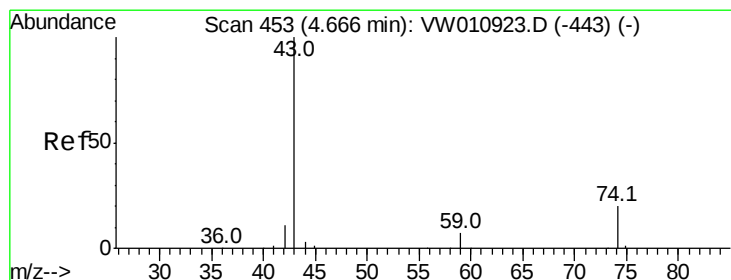
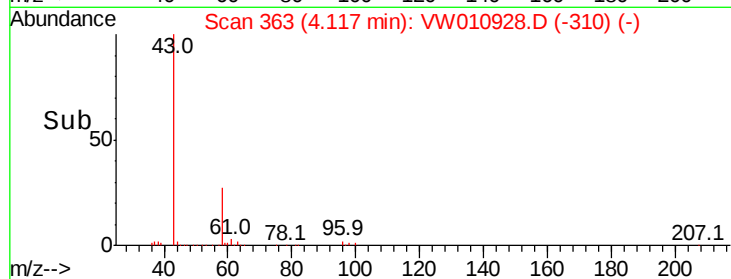
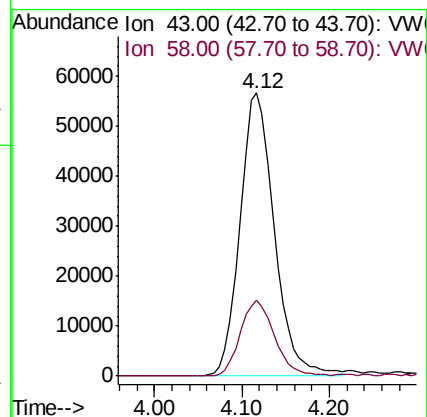
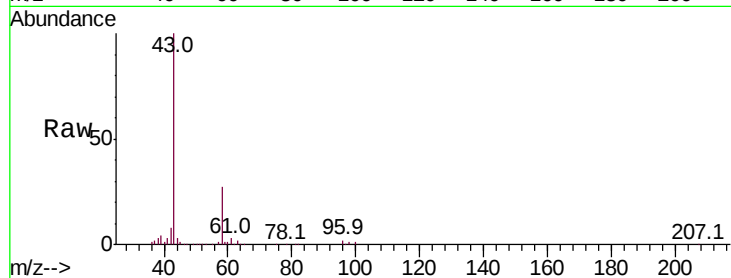
GAM09

Tot Ion: 43 Resp: 154011

Ion Ratio Lower Upper

43 100

58 26.9 0.0 53.2



#15

Methyl Acetate

Concen: 37.082 ug/L

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010928.D

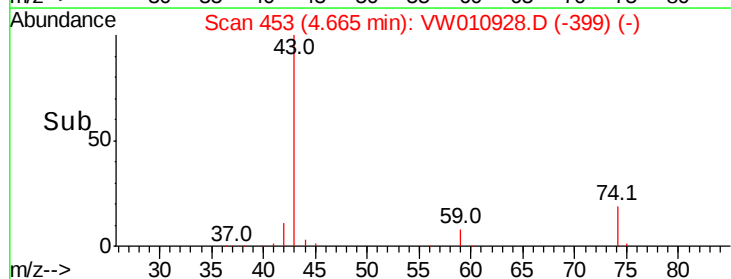
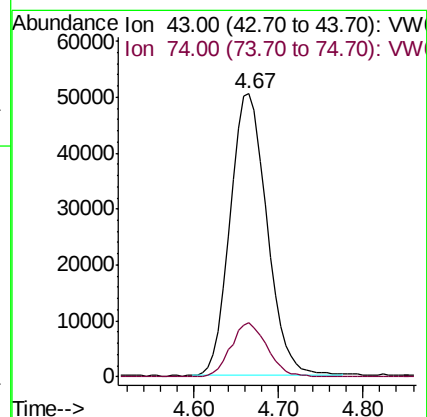
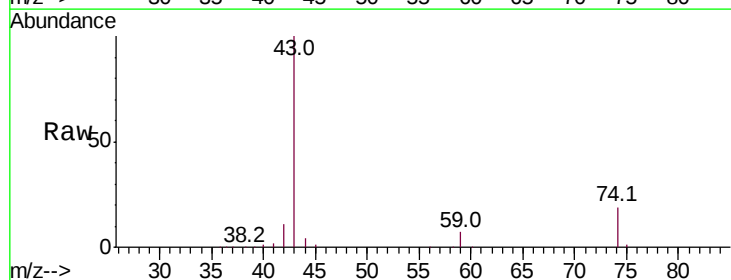
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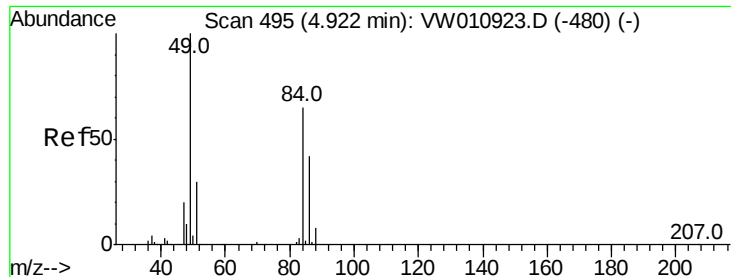
Tgt Ion: 43 Resp: 150283

Ion Ratio Lower Upper

43 100

74 18.9 15.3 22.9

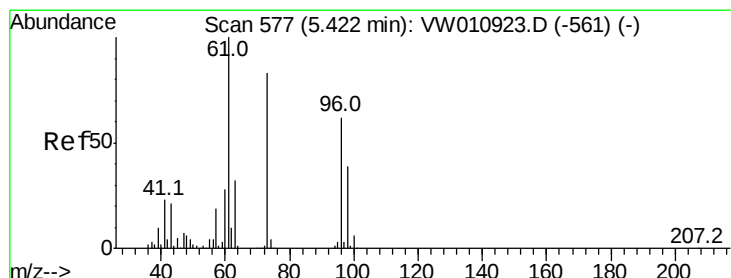
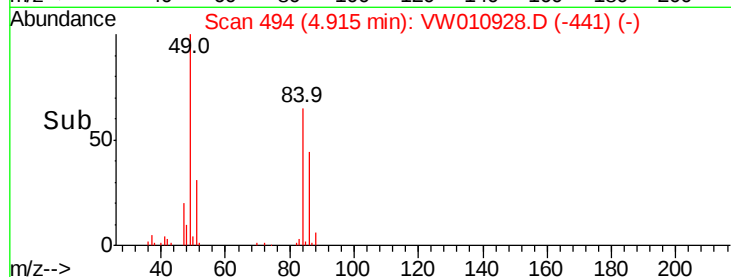
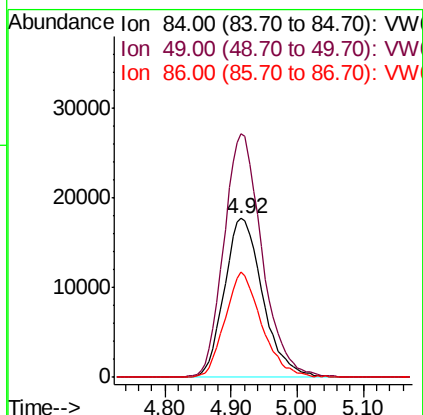
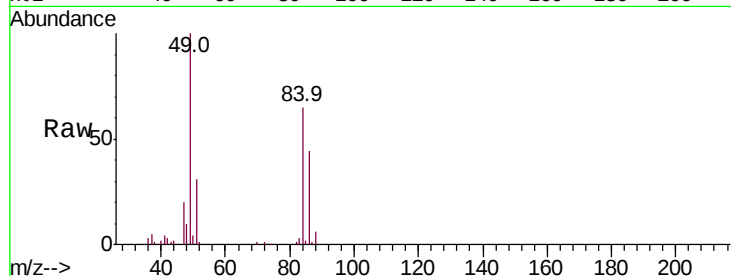




#16  
Methylene chloride  
Concen: 11.982 ug/L  
RT: 4.92 min Scan# 494  
Delta R.T. -0.01 min  
Lab File: VW010928.D  
Acq: 24 Jun 2019 12:47

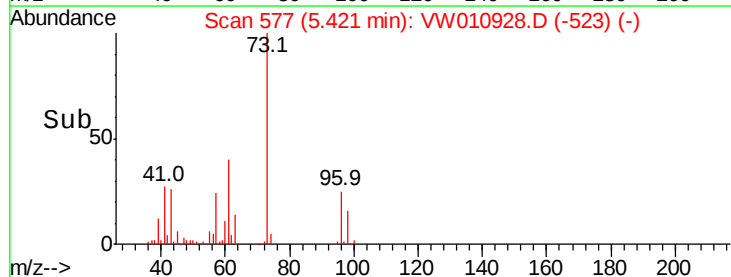
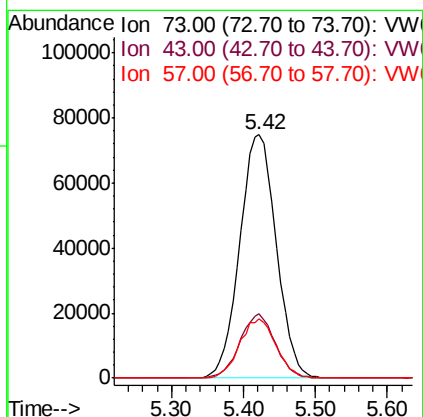
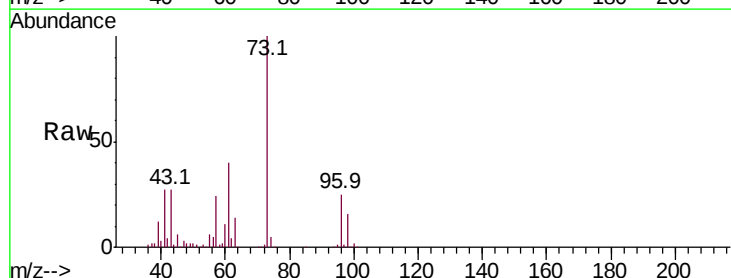
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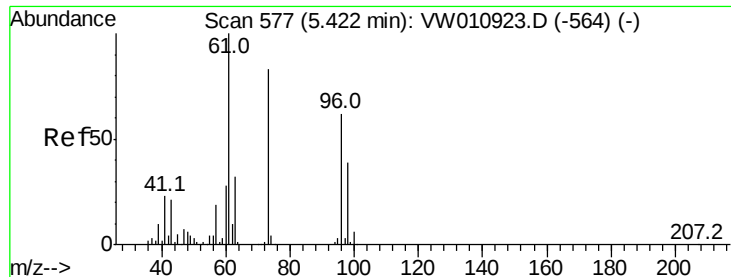
Tot Ion: 84 Resp: 71272  
Ion Ratio Lower Upper  
84 100  
49 153.5 107.0 198.8  
86 66.8 44.4 82.5



#17  
Methyl tert-butyl Ether  
Concen: 30.018 ug/L  
RT: 5.42 min Scan# 577  
Delta R.T. -0.00 min  
Lab File: VW010928.D  
Acq: 24 Jun 2019 12:47

Tgt Ion: 73 Resp: 264234  
Ion Ratio Lower Upper  
73 100  
43 25.3 20.2 30.2  
57 24.2 19.4 29.0

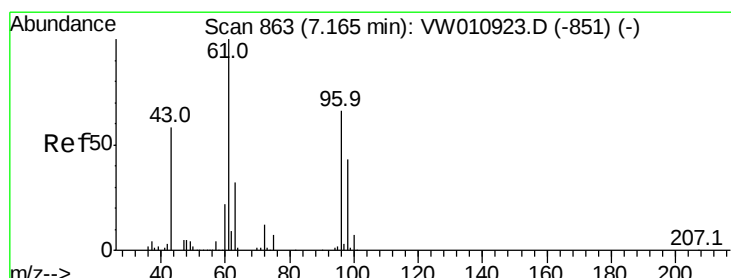
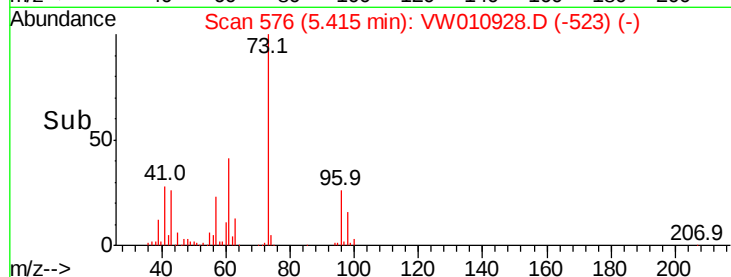
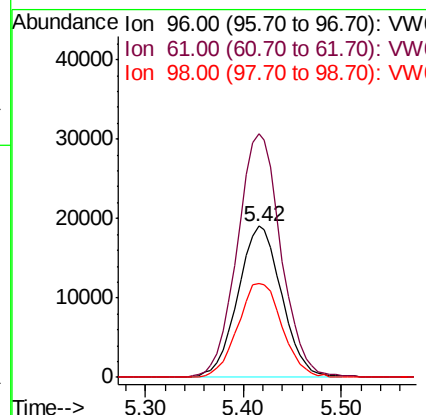
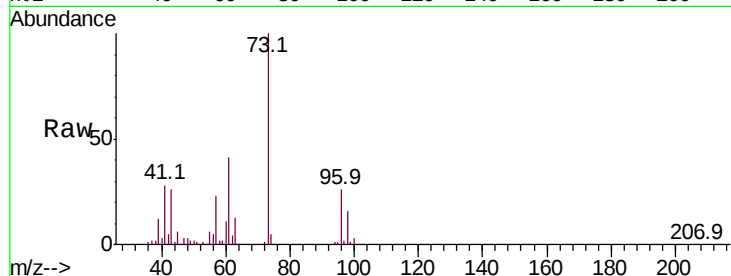




#18  
 trans-1,2-Dichloroethene  
 Concen: 10.461 ug/L  
 RT: 5.42 min Scan# 576  
 Delta R.T. -0.01 min  
 Lab File: VW010928.D  
 Acq: 24 Jun 2019 12:47

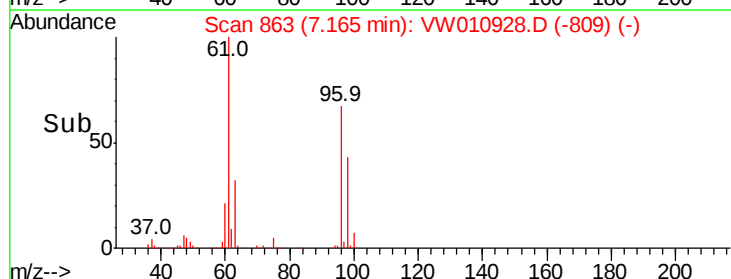
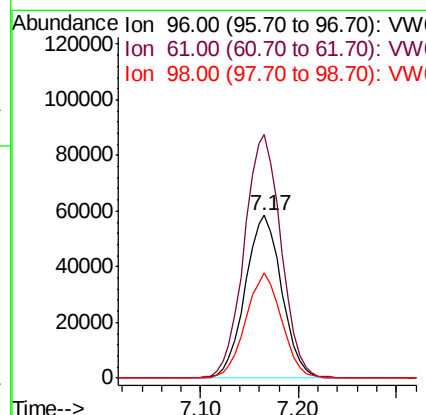
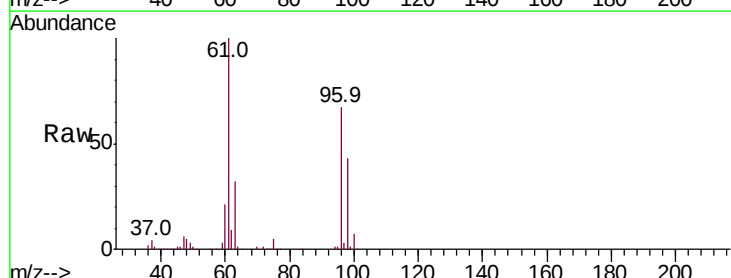
Instrument :  
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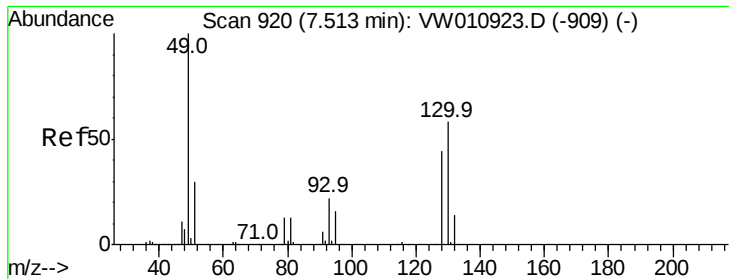
| Tot Ion | 96    | Resp  | 59139 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 96      | 100   |       |       |
| 61      | 160.9 | 113.3 | 210.3 |
| 98      | 62.0  | 44.1  | 81.9  |



#22  
 cis-1,2-Dichloroethene  
 Concen: 24.955 ug/L  
 RT: 7.17 min Scan# 863  
 Delta R.T. -0.00 min  
 Lab File: VW010928.D  
 Acq: 24 Jun 2019 12:47

| Tgt Ion | 96    | Resp  | 151794 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 96      | 100   |       |        |
| 61      | 149.7 | 106.5 | 197.7  |
| 98      | 65.0  | 45.5  | 84.5   |





#23

Bromochloromethane

Concen: 14.434 ug/L

RT: 7.51 min Scan# 920

Delta R.T. -0.00 min

Lab File: VW010928.D

Acq: 24 Jun 2019 12:47

Instrument :

MSVOA\_W

ClientSampleId :

GAM09

Tot Ion:128 Resp: 37341

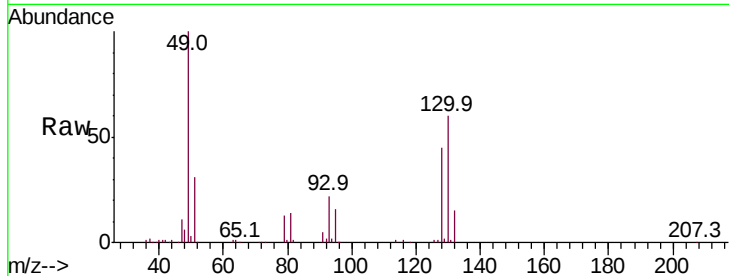
Ion Ratio Lower Upper

128 100

49 221.8 157.7 292.9

130 132.0 91.6 170.0

51 69.8 54.2 81.2

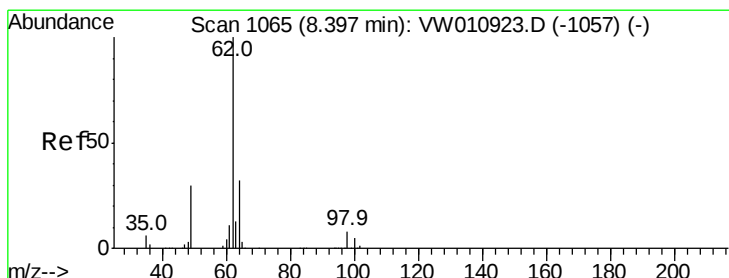
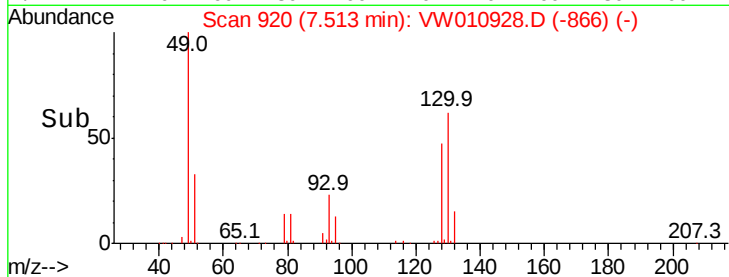
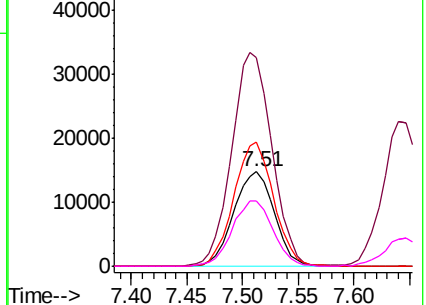


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VW

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VW



#27

1,2-Dichloroethane

Concen: 9.858 ug/L

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW010928.D

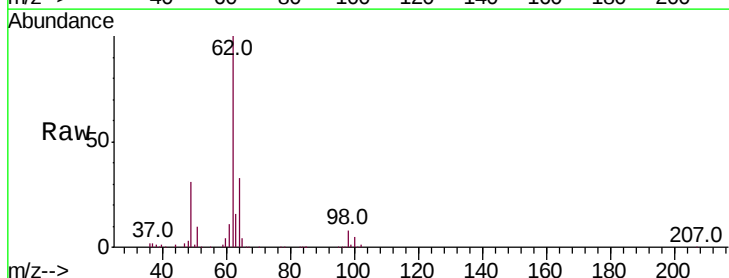
Acq: 24 Jun 2019 12:47

Tgt Ion: 62 Resp: 81832

Ion Ratio Lower Upper

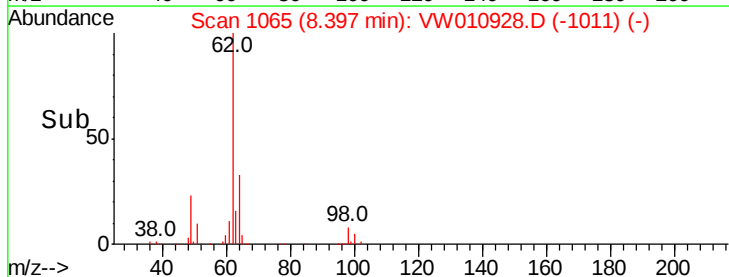
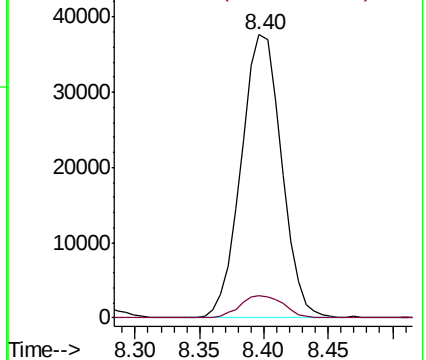
62 100

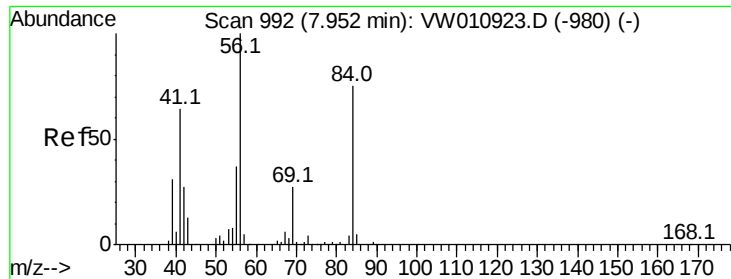
98 7.7 6.7 10.1



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW

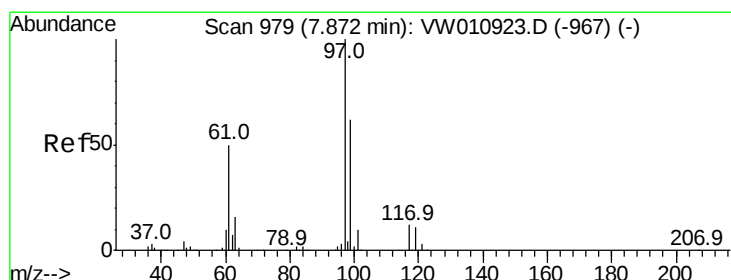
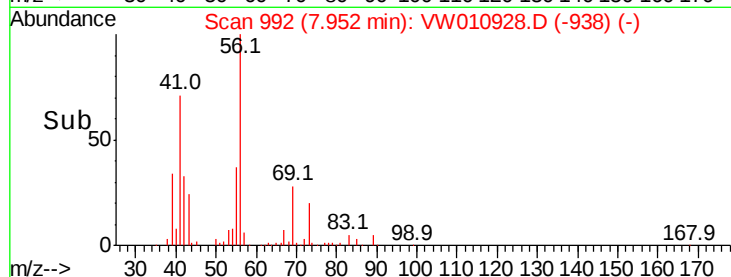
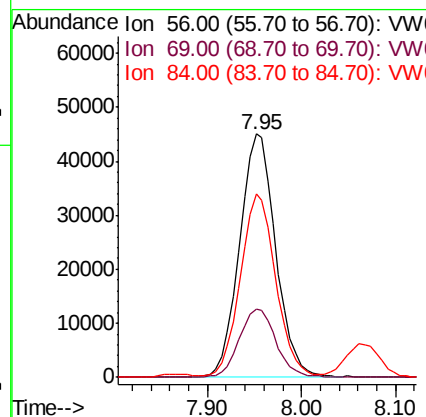
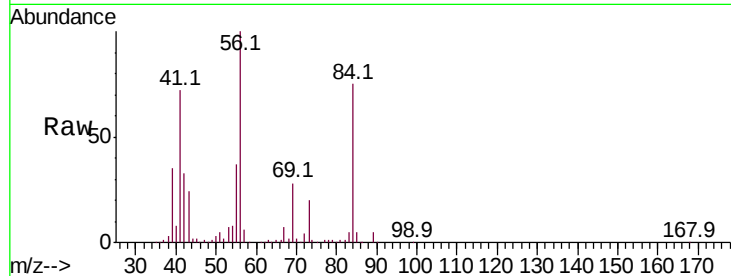




#30  
Cyclohexane  
Concen: 10.197 ug/L  
RT: 7.95 min Scan# 992  
Delta R.T. -0.00 min  
Lab File: VW010928.D  
Acq: 24 Jun 2019 12:47

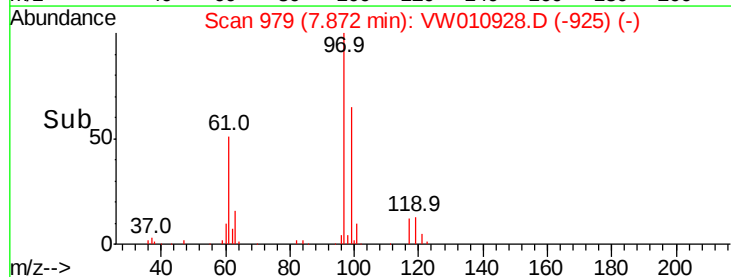
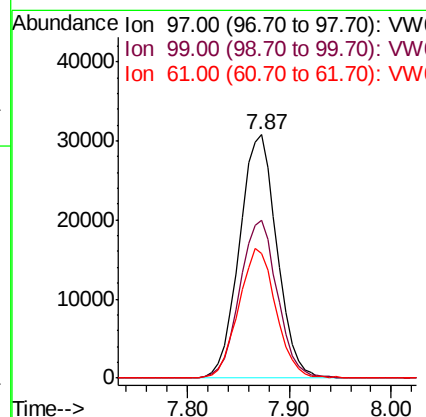
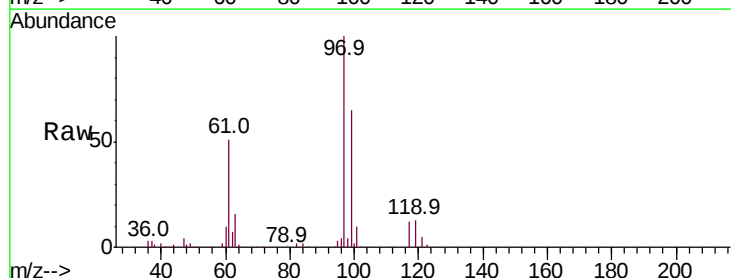
Instrument :  
MSVOA\_W  
ClientSampleId :  
GAM09

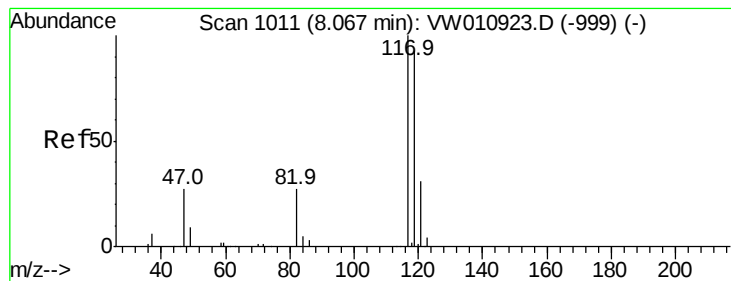
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 28.5  | 22.2  | 33.4  |
| 84      | 74.2  | 60.3  | 90.5  |



#31  
1,1,1-Trichloroethane  
Concen: 10.057 ug/L  
RT: 7.87 min Scan# 979  
Delta R.T. -0.00 min  
Lab File: VW010928.D  
Acq: 24 Jun 2019 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 65.3  | 50.7  | 76.1  |
| 61      | 52.9  | 41.2  | 61.8  |





#32

Carbon tetrachloride

Concen: 12.390 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW010928.D

Acq: 24 Jun 2019 12:47

Instrument :

MSVOA\_W

ClientSampleId :

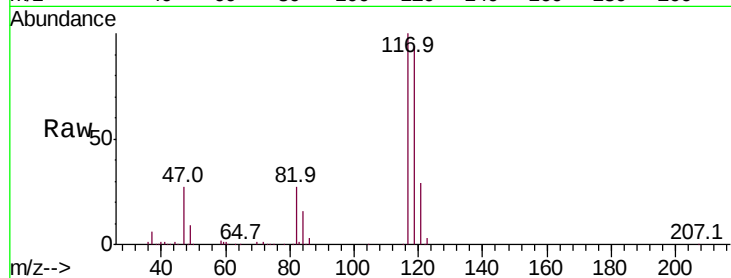
GAM09

Tot Ion:117 Resp: 91124

Ion Ratio Lower Upper

117 100

119 95.4 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

8.07

40000

30000

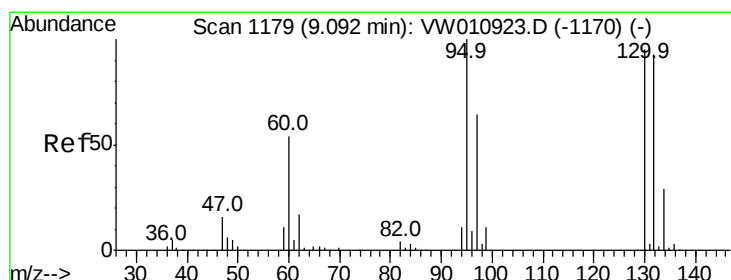
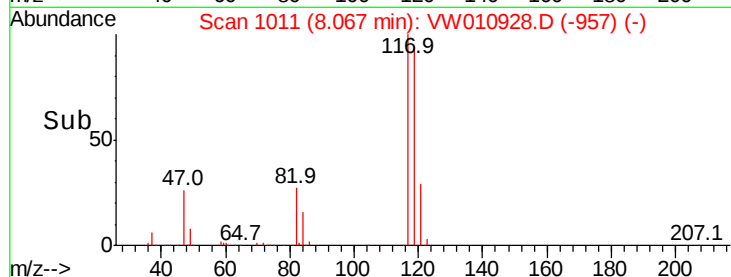
20000

10000

0

8.00 8.10

Time-->



#35

Trichloroethene

Concen: 40.196 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010928.D

Acq: 24 Jun 2019 12:47

Tgt Ion: 95 Resp: 239808

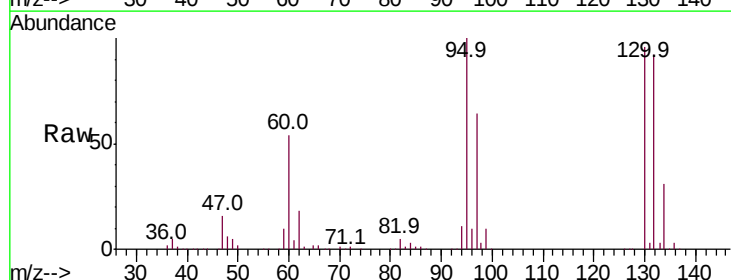
Ion Ratio Lower Upper

95 100

97 64.1 44.9 83.3

132 91.8 64.0 119.0

130 95.6 67.4 125.2



Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

9.09

150000

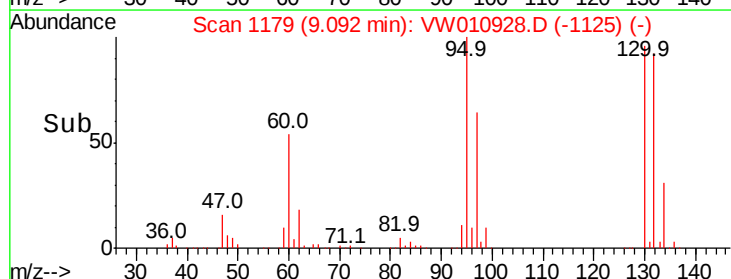
100000

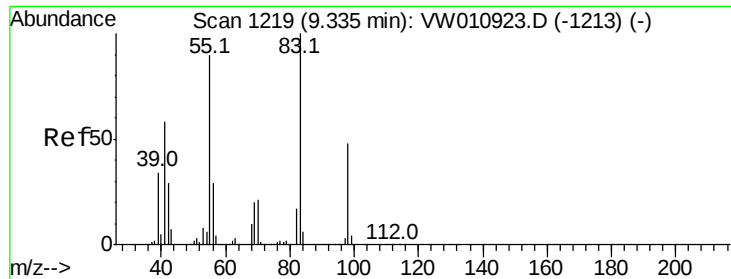
50000

0

9.00 9.05 9.10 9.15

Time-->

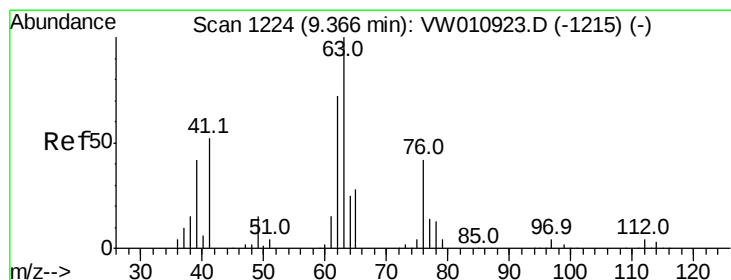
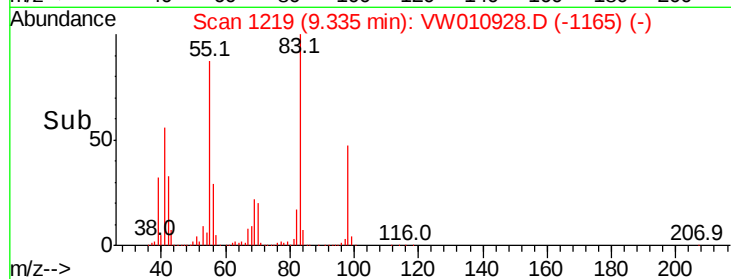
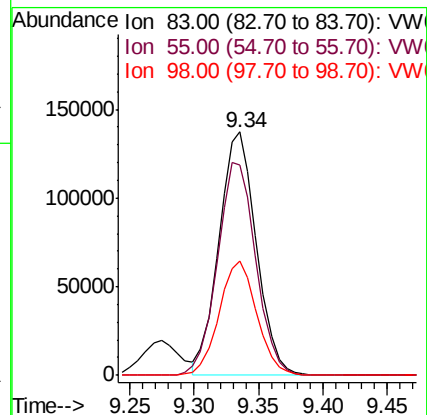
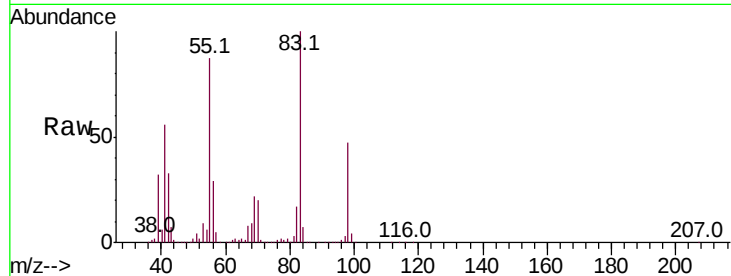




#36  
Methylcyclohexane  
Concen: 25.479 ug/L  
RT: 9.34 min Scan# 1219  
Delta R.T. -0.00 min  
Lab File: VW010928.D  
Acq: 24 Jun 2019 12:47

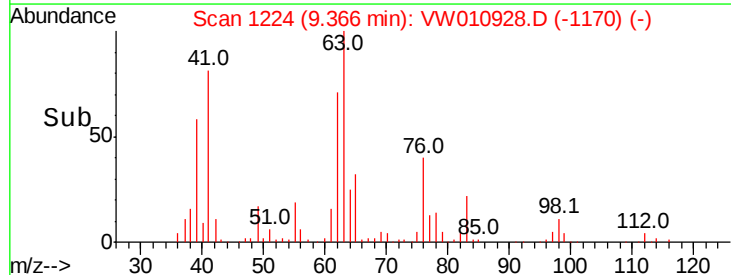
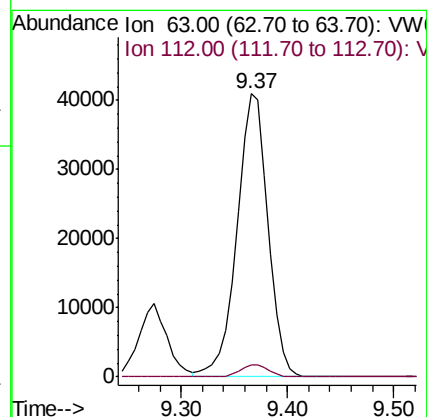
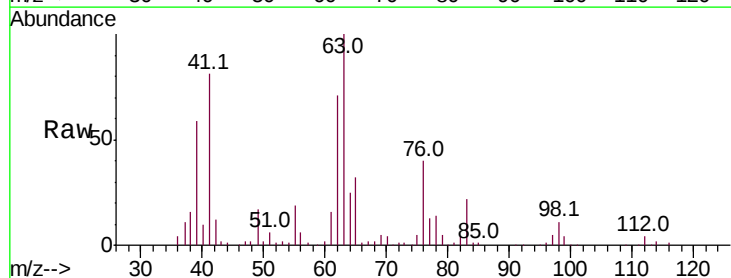
Instrument :  
MSVOA\_W  
ClientSampled :  
GAM09

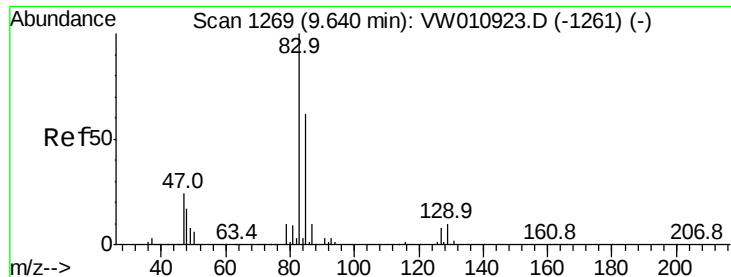
Tot Ion: 83 Resp: 279008  
Ion Ratio Lower Upper  
83 100  
55 90.1 72.2 108.2  
98 47.1 37.8 56.8



#40  
1,2-Dichloropropane  
Concen: 12.921 ug/L  
RT: 9.37 min Scan# 1224  
Delta R.T. -0.00 min  
Lab File: VW010928.D  
Acq: 24 Jun 2019 12:47

Tgt Ion: 63 Resp: 83665  
Ion Ratio Lower Upper  
63 100  
112 3.9 3.3 4.9





#41

Bromodichloromethane

Concen: 19.610 ug/L

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW010928.D

Acq: 24 Jun 2019 12:47

Instrument :

MSVOA\_W

ClientSampleId :

GAM09

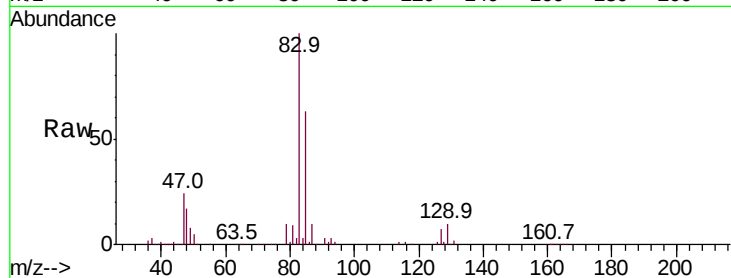
Tot Ion: 83 Resp: 149011

Ion Ratio Lower Upper

83 100

85 63.4 43.1 80.1

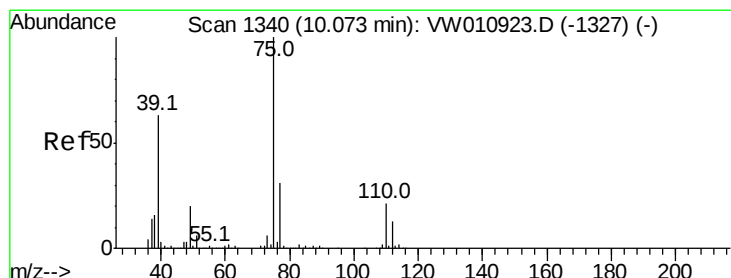
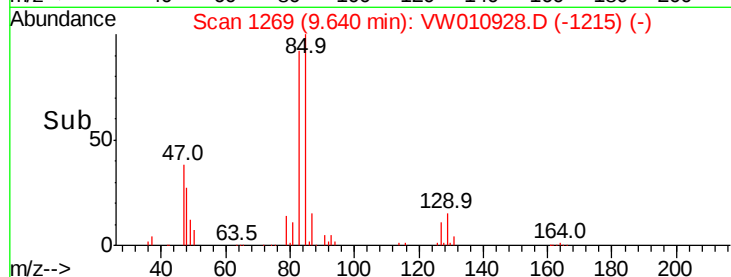
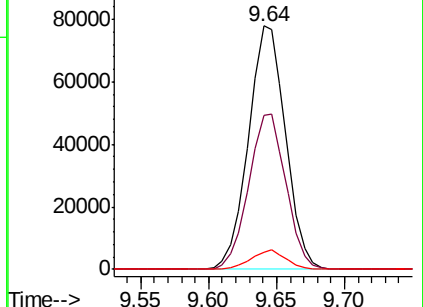
127 7.2 6.0 9.0



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): VW



#42

cis-1,3-Dichloropropene

Concen: 16.643 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010928.D

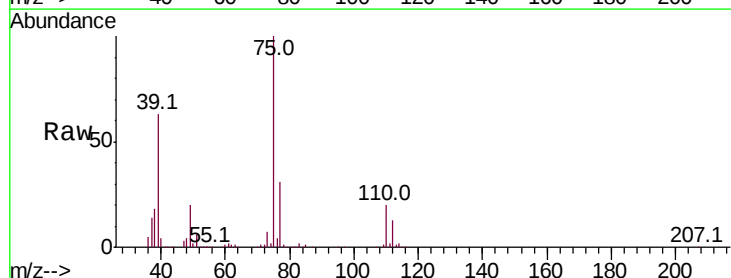
Acq: 24 Jun 2019 12:47

Tgt Ion: 75 Resp: 165780

Ion Ratio Lower Upper

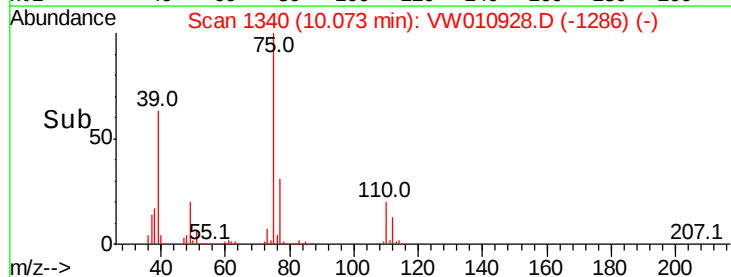
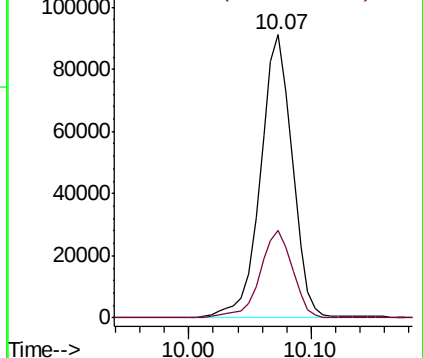
75 100

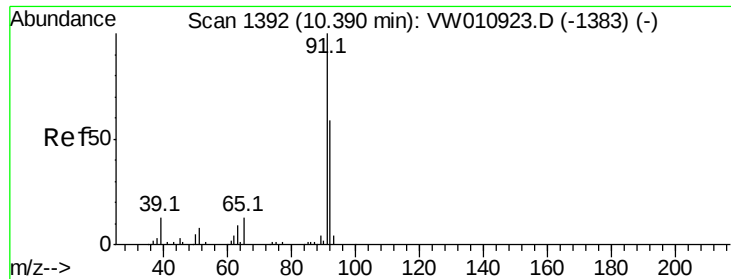
77 30.9 21.3 39.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 20.349 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW010928.D

Acq: 24 Jun 2019 12:47

Instrument :

MSVOA\_W

ClientSampleId :

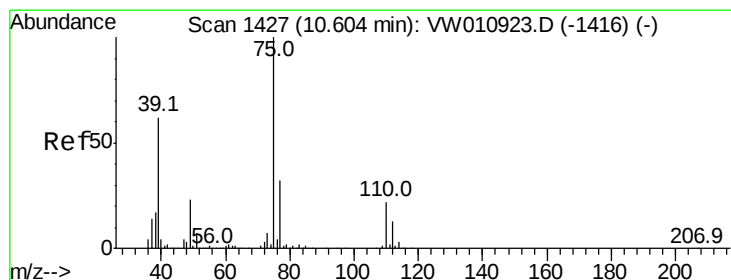
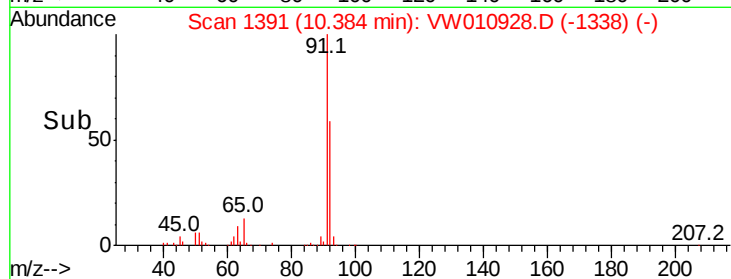
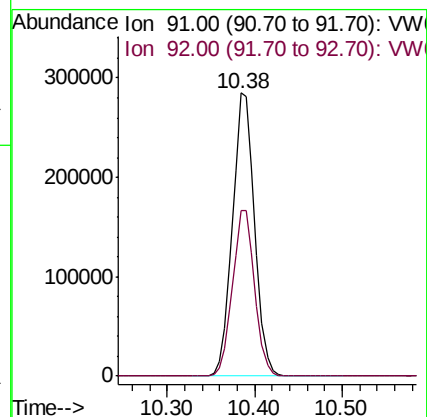
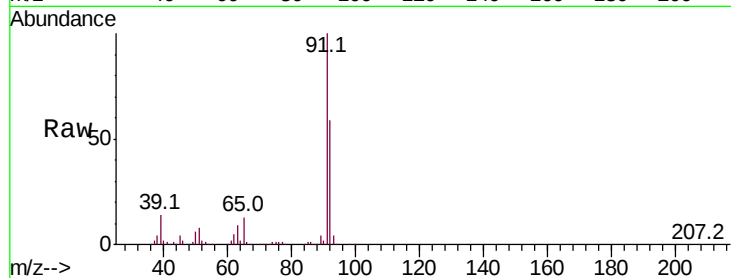
GAM09

Tot Ion: 91 Resp: 500576

Ion Ratio Lower Upper

91 100

92 58.6 41.2 76.4



#45

trans-1,3-Dichloropropene

Concen: 8.195 ug/L

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010928.D

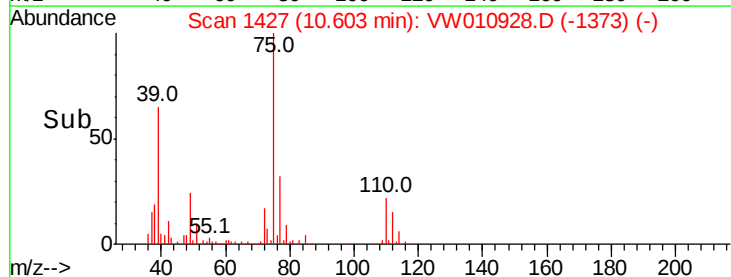
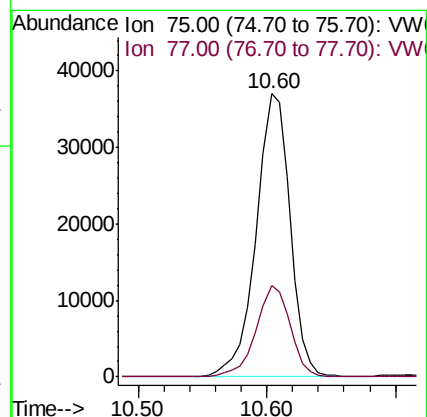
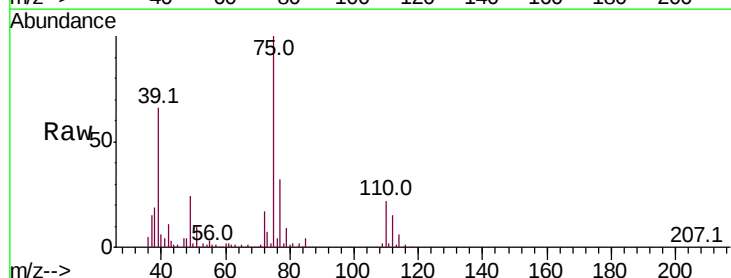
Acq: 24 Jun 2019 12:47

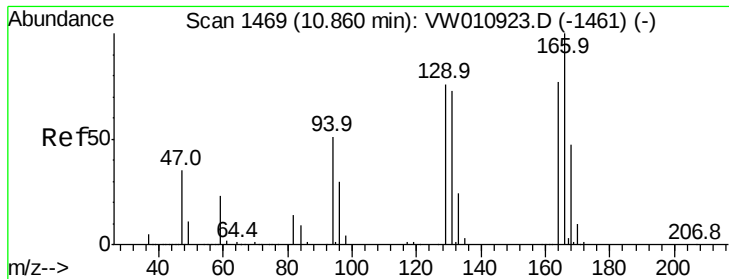
Tgt Ion: 75 Resp: 67479

Ion Ratio Lower Upper

75 100

77 32.3 22.6 42.0





#47

Tetrachloroethene

Concen: 39.600 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW010928.D

Acq: 24 Jun 2019 12:47

Instrument :

MSVOA\_W

ClientSampled :

GAM09

Tot Ion:164 Resp: 179173

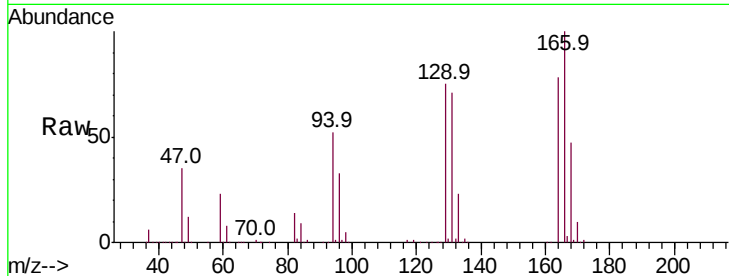
Ion Ratio Lower Upper

164 100

129 95.7 69.6 129.2

131 91.5 66.8 124.0

166 128.5 91.2 169.4

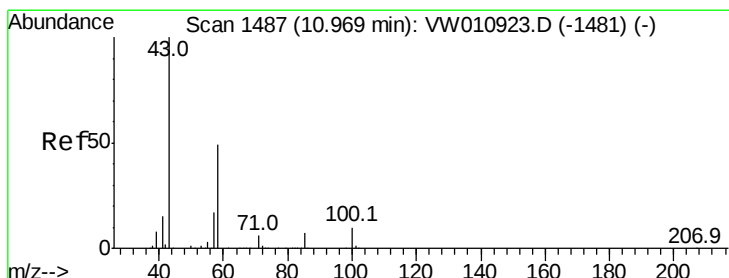
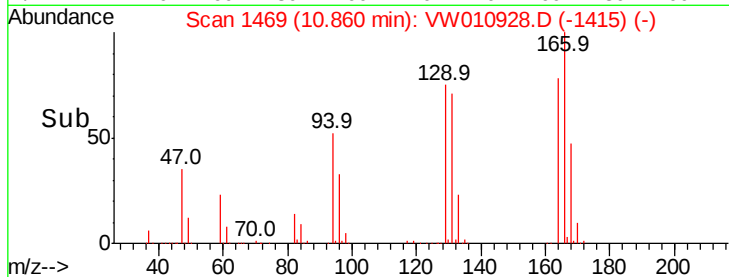
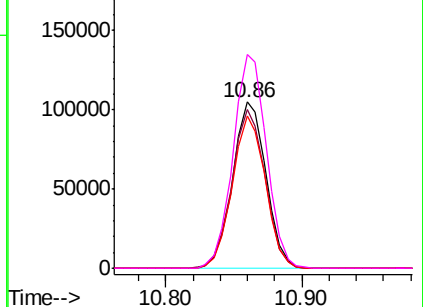


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

2-Hexanone

Concen: 35.243 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW010928.D

Acq: 24 Jun 2019 12:47

Tgt Ion: 43 Resp: 150666

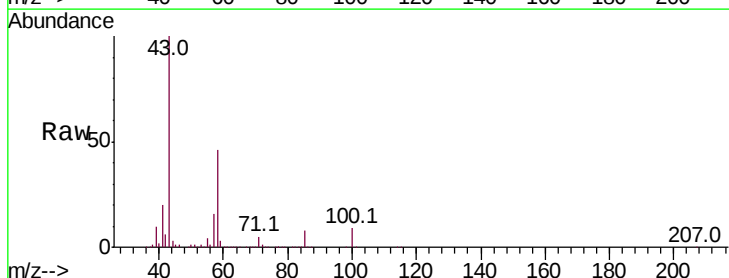
Ion Ratio Lower Upper

43 100

58 46.2 38.3 57.5

57 16.1 13.8 20.8

100 9.1 7.3 10.9

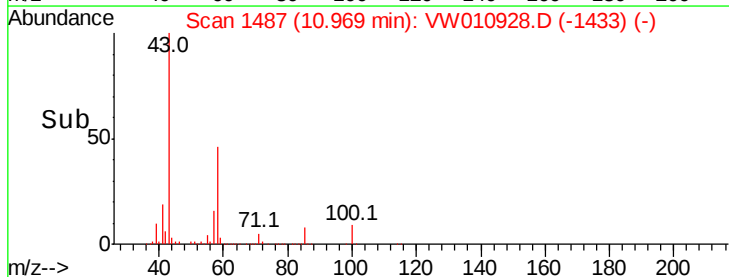
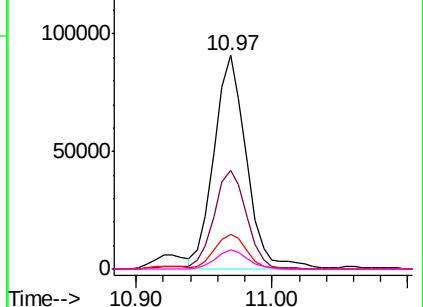


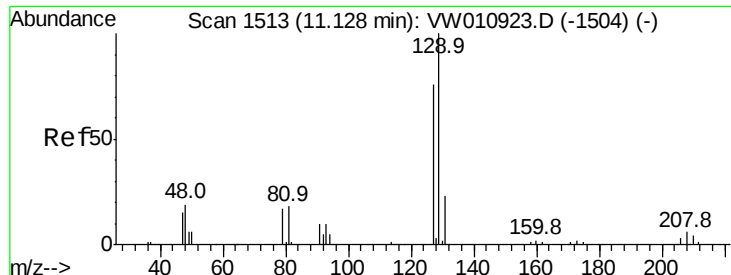
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

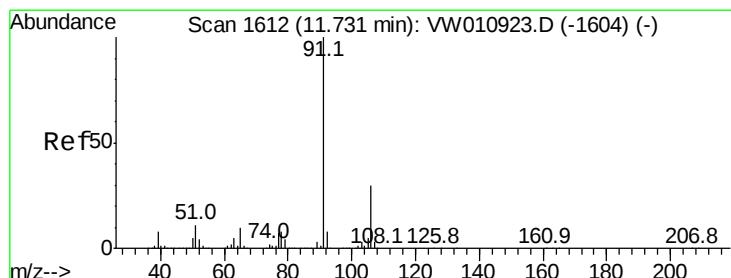
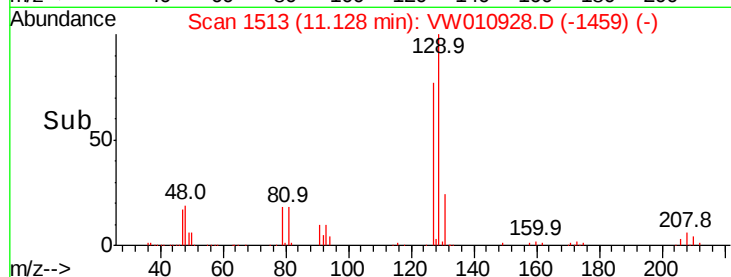
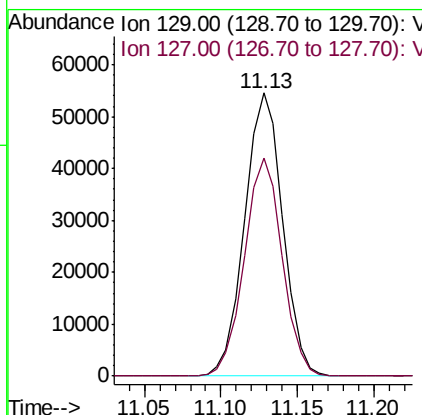
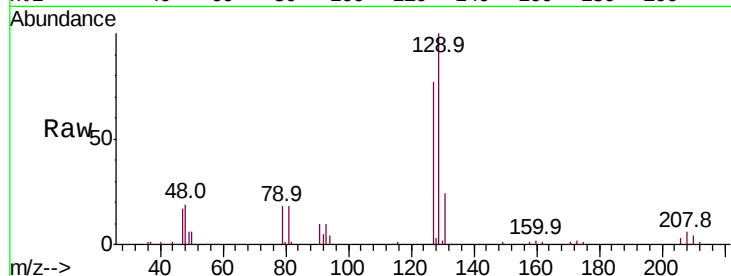




#50  
Dibromochloromethane  
Concen: 19.298 ug/L  
RT: 11.13 min Scan# 1513  
Delta R.T. -0.00 min  
Lab File: VW010928.D  
Acq: 24 Jun 2019 12:47

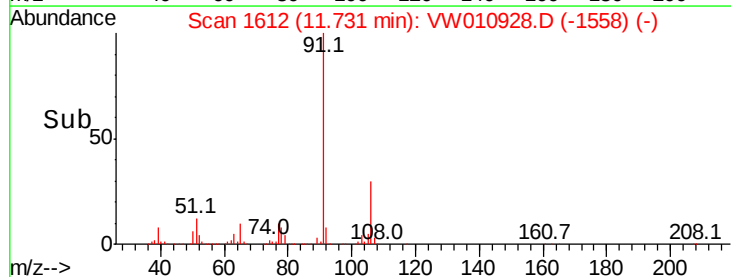
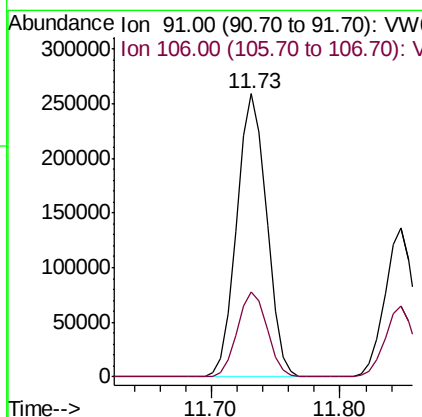
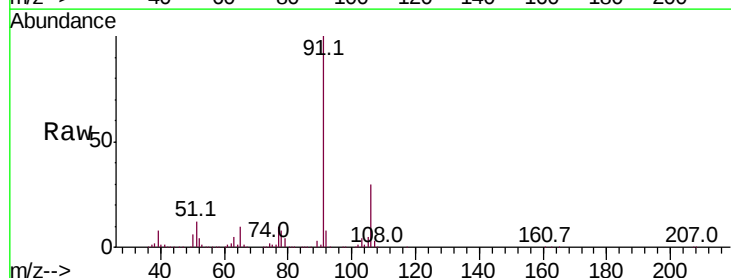
Instrument :  
MSVOA\_W  
ClientSampleId :  
GAM09

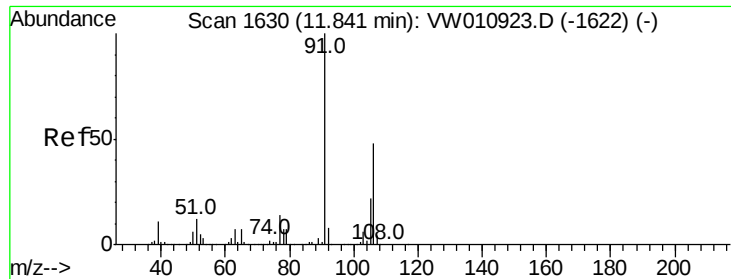
Tot Ion:129 Resp: 94294  
Ion Ratio Lower Upper  
129 100  
127 76.9 52.8 98.2



#53  
Ethylbenzene  
Concen: 15.045 ug/L  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: VW010928.D  
Acq: 24 Jun 2019 12:47

Tgt Ion: 91 Resp: 416964  
Ion Ratio Lower Upper  
91 100  
106 30.2 20.9 38.7





#54

m,p-Xylene

Concen: 10.093 ug/L

RT: 11.85 min Scan# 1631

Delta R.T. 0.01 min

Lab File: VW010928.D

Acq: 24 Jun 2019 12:47

Instrument :

MSVOA\_W

ClientSampled :

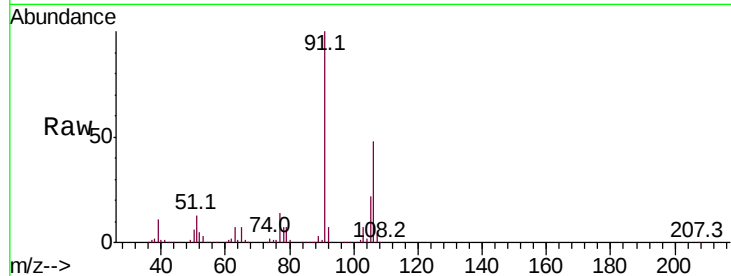
GAM09

Tot Ion:106 Resp: 101505

Ion Ratio Lower Upper

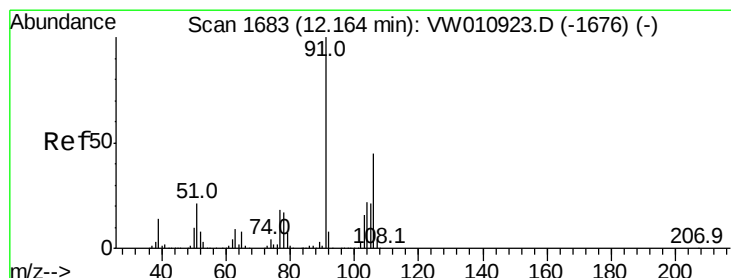
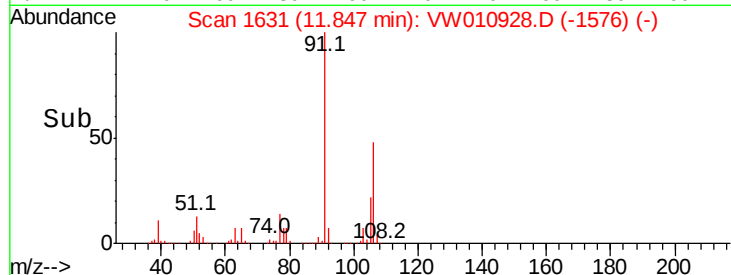
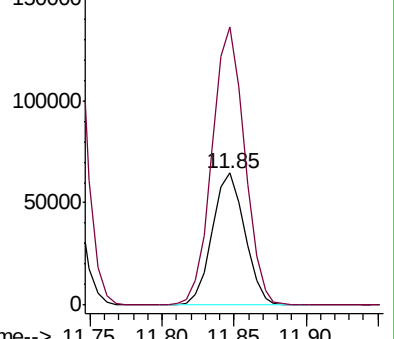
106 100

91 210.2 146.5 272.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 12.407 ug/L

RT: 12.17 min Scan# 1684

Delta R.T. 0.01 min

Lab File: VW010928.D

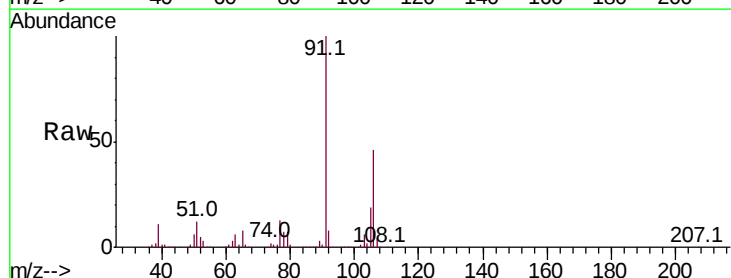
Acq: 24 Jun 2019 12:47

Tgt Ion:106 Resp: 119733

Ion Ratio Lower Upper

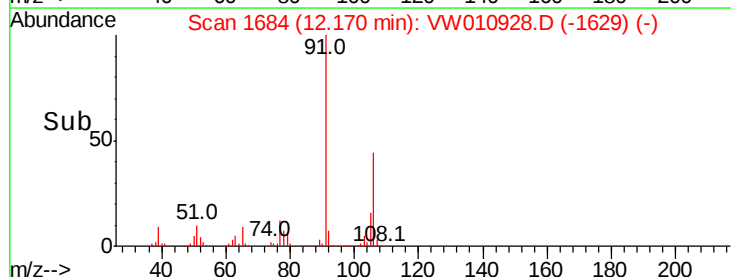
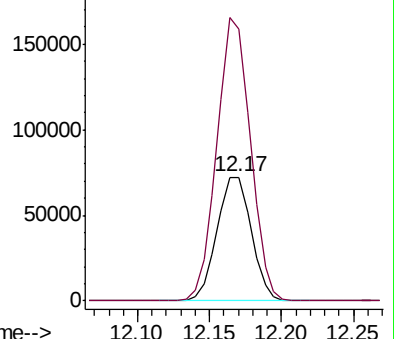
106 100

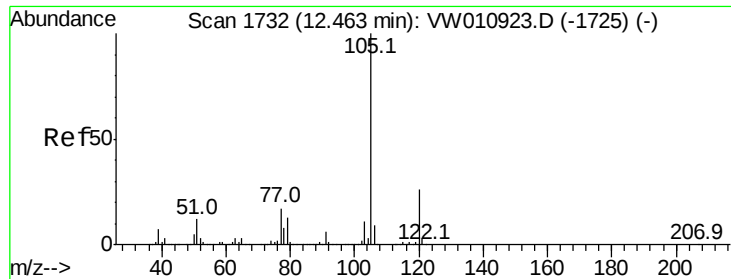
91 219.3 156.1 289.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#57

Isopropylbenzene

Concen: 12.612 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW010928.D

Acq: 24 Jun 2019 12:47

Instrument :

MSVOA\_W

ClientSampled :

GAM09

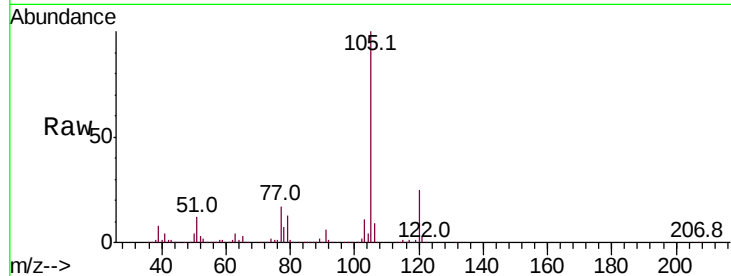
Tot Ion:105 Resp: 330216

Ion Ratio Lower Upper

105 100

120 25.5 20.7 31.1

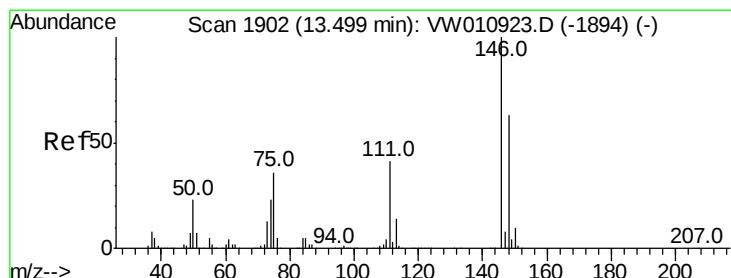
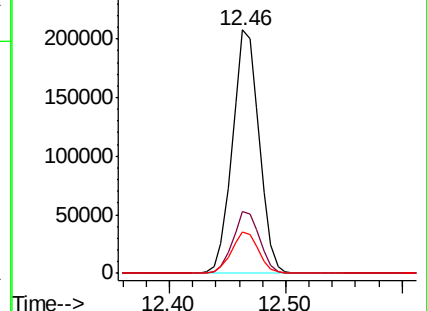
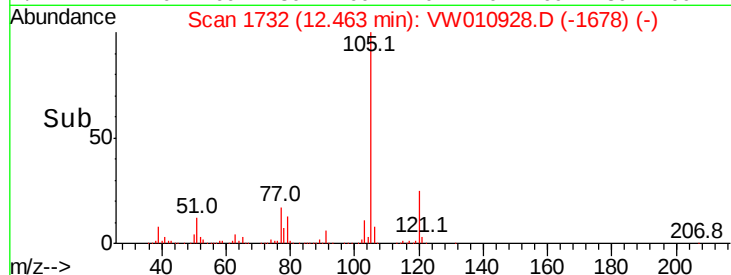
77 17.0 13.7 20.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#63

1,3-Dichlorobenzene

Concen: 19.642 ug/L

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010928.D

Acq: 24 Jun 2019 12:47

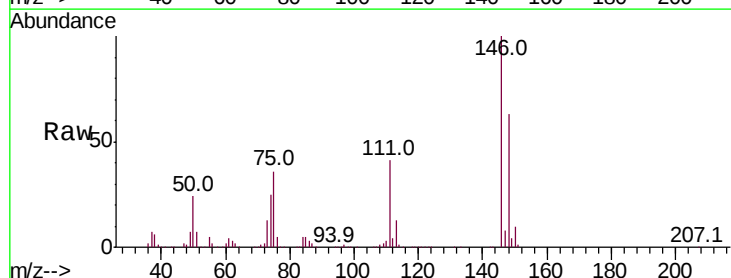
Tgt Ion:146 Resp: 226071

Ion Ratio Lower Upper

146 100

111 41.5 28.9 53.7

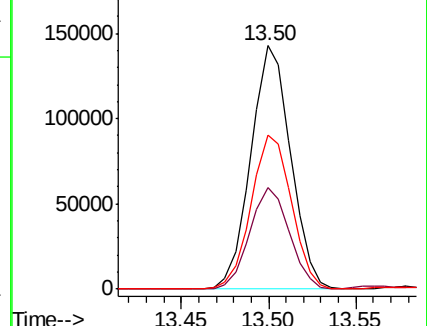
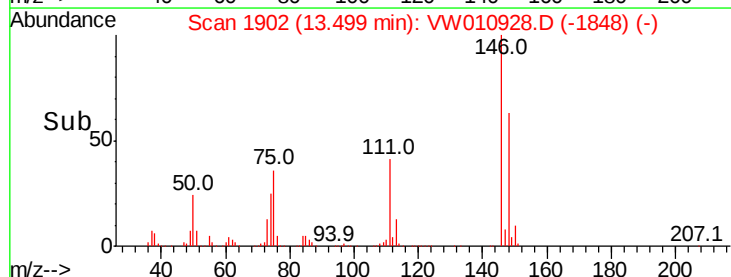
148 63.4 44.2 82.0

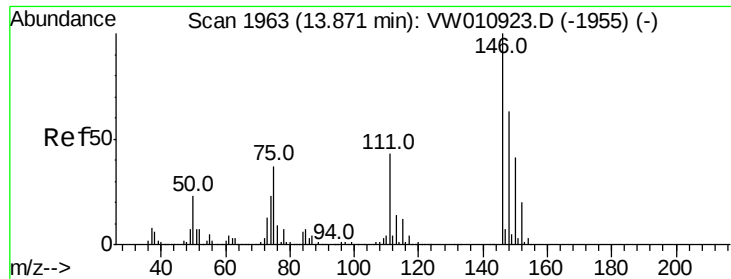


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

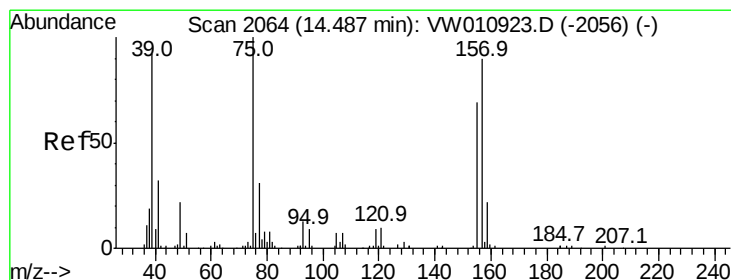
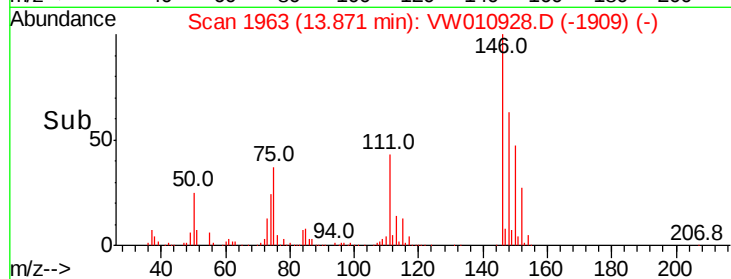
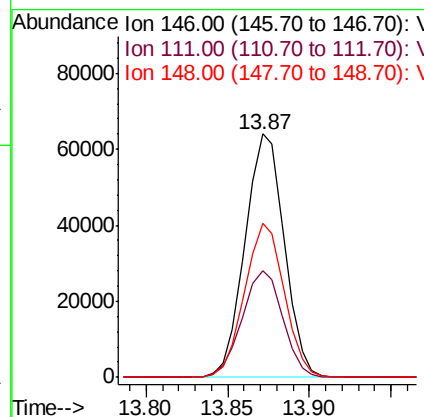
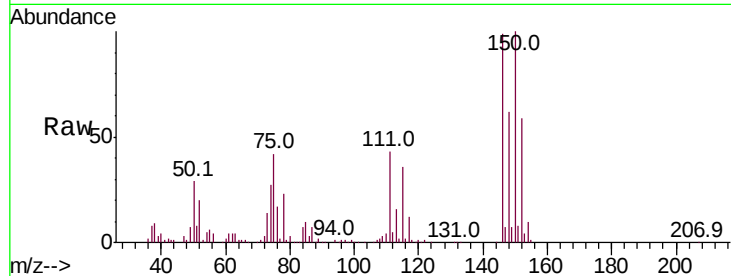




#65  
 1,2-Dichlorobenzene  
 Concen: 10.087 ug/L  
 RT: 13.87 min Scan# 1963  
 Delta R.T. -0.00 min  
 Lab File: VW010928.D  
 Acq: 24 Jun 2019 12:47

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 GAM09

Tot Ion:146 Resp: 107383  
 Ion Ratio Lower Upper  
 146 100  
 111 43.8 34.6 51.8  
 148 63.1 50.5 75.7



#66  
 1,2-Dibromo-3-chloropropane  
 Concen: 18.189 ug/L  
 RT: 14.49 min Scan# 2064  
 Delta R.T. -0.00 min  
 Lab File: VW010928.D  
 Acq: 24 Jun 2019 12:47

Tgt Ion: 75 Resp: 19812  
 Ion Ratio Lower Upper  
 75 100  
 157 86.1 71.8 107.8  
 155 70.4 55.2 82.8

