

Data File : VX013950.D  
Acq On : 11 Dec 2019 17:55  
Operator : JC/SP  
Sample : K6197-02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-GW

Quant Time: Dec 12 04:03:05 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112619W.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 26 15:53:00 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 554582   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 853779   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 760395   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 334187   | 50.00 | ug/l  | 0.00     |

#### System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.06   | 65  | 312701   | 48.58 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.16% |      |
| 35) Dibromofluoromethane  | 5.49   | 113 | 258344   | 48.95 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.90% |      |
| 50) Toluene-d8            | 8.71   | 98  | 1010465  | 49.14 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.28% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 337633   | 45.53 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 91.06% |      |

#### Target Compounds

|                                |       |     |        |        |        | Qvalue |
|--------------------------------|-------|-----|--------|--------|--------|--------|
| 3) Chloromethane               | 1.32  | 50  | 1400   | 0.202  | ug/l   | 92     |
| 5) Bromomethane                | 1.64  | 94  | 3117   | 0.595  | ug/l   | 96     |
| 10) Methyl Iodide              | 2.51  | 142 | 2932   | 0.458  | ug/l # | 84     |
| 11) Tert butyl alcohol         | 3.03  | 59  | 2217   | 1.395  | ug/l   | 99     |
| 13) Acrolein                   | 2.28  | 56  | 1044   | 6.963  | ug/l # | 76     |
| 14) Allyl chloride             | 2.70  | 41  | 2104   | 0.220  | ug/l # | 80     |
| 15) Acrylonitrile              | 3.14  | 53  | 1232   | 0.376  | ug/l # | 74     |
| 16) Acetone                    | 2.43  | 43  | 32001  | 10.069 | ug/l   | 100    |
| 17) Carbon Disulfide           | 2.56  | 76  | 6199   | 0.412  | ug/l   | 98     |
| 18) Methyl Acetate             | 2.76  | 43  | 2218   | 0.251  | ug/l   | 100    |
| 20) Methylene Chloride         | 2.86  | 84  | 3065   | 0.502  | ug/l # | 65     |
| 21) trans-1,2-Dichloroethene   | 3.17  | 96  | 1848   | 0.321  | ug/l # | 79     |
| 25) 2-Butanone                 | 4.68  | 43  | 1721   | 0.364  | ug/l   | 93     |
| 27) cis-1,2-Dichloroethene     | 4.59  | 96  | 1520   | 0.230  | ug/l   | 85     |
| 28) Bromochloromethane         | 5.00  | 49  | 1262   | 0.304  | ug/l # | 40     |
| 30) Chloroform                 | 5.20  | 83  | 183734 | 17.970 | ug/l   | 99     |
| 38) Carbon Tetrachloride       | 5.66  | 117 | 49553  | 6.934  | ug/l # | 15     |
| 40) Benzene                    | 6.14  | 78  | 6981   | 0.296  | ug/l   | 91     |
| 44) Trichloroethene            | 7.21  | 130 | 4949   | 0.764  | ug/l   | 94     |
| 47) Bromodichloromethane       | 7.89  | 83  | 9551   | 1.260  | ug/l # | 92     |
| 49) 1,4-Dioxane                | 7.76  | 88  | 514    | 3.302  | ug/l # | 41     |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43  | 2307   | 0.256  | ug/l # | 71     |
| 52) Toluene                    | 8.78  | 92  | 92396  | 6.301  | ug/l   | 99     |
| 60) Dibromochloromethane       | 9.33  | 129 | 24956  | 4.069  | ug/l # | 13     |
| 64) Tetrachloroethene          | 9.33  | 164 | 28734  | 5.067  | ug/l   | 99     |
| 68) m/p-Xylenes                | 10.36 | 106 | 2853   | 0.275  | ug/l   | 84     |
| 69) o-Xylene                   | 10.69 | 106 | 2410   | 0.238  | ug/l   | 54     |
| 74) N-amyl acetate             | 10.91 | 43  | 3603   | 0.336  | ug/l # | 56     |
| 76) 1,2,3-Trichloropropane     | 11.14 | 75  | 167058 | 22.226 | ug/l # | 39     |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75  | 167058 | 60.805 | ug/l # | 11     |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105 | 6553   | 0.336  | ug/l   | 83     |
| 88) 1,4-Dichlorobenzene        | 12.03 | 146 | 2287   | 0.203  | ug/l   | 78     |
| 93) 1,2,4-Trichlorobenzene     | 13.65 | 180 | 2513   | 0.331  | ug/l # | 73     |
| 94) Hexachlorobutadiene        | 13.78 | 225 | 1374   | 0.376  | ug/l   | 84     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX121119\  
Quantitation Report (Not Reviewed)

Data File : VX013950.D  
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Sample : K6197-02  
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Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-GW

Quant Time: Dec 12 04:03:05 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112619W.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 26 15:53:00 2019  
Response via : Initial Calibration

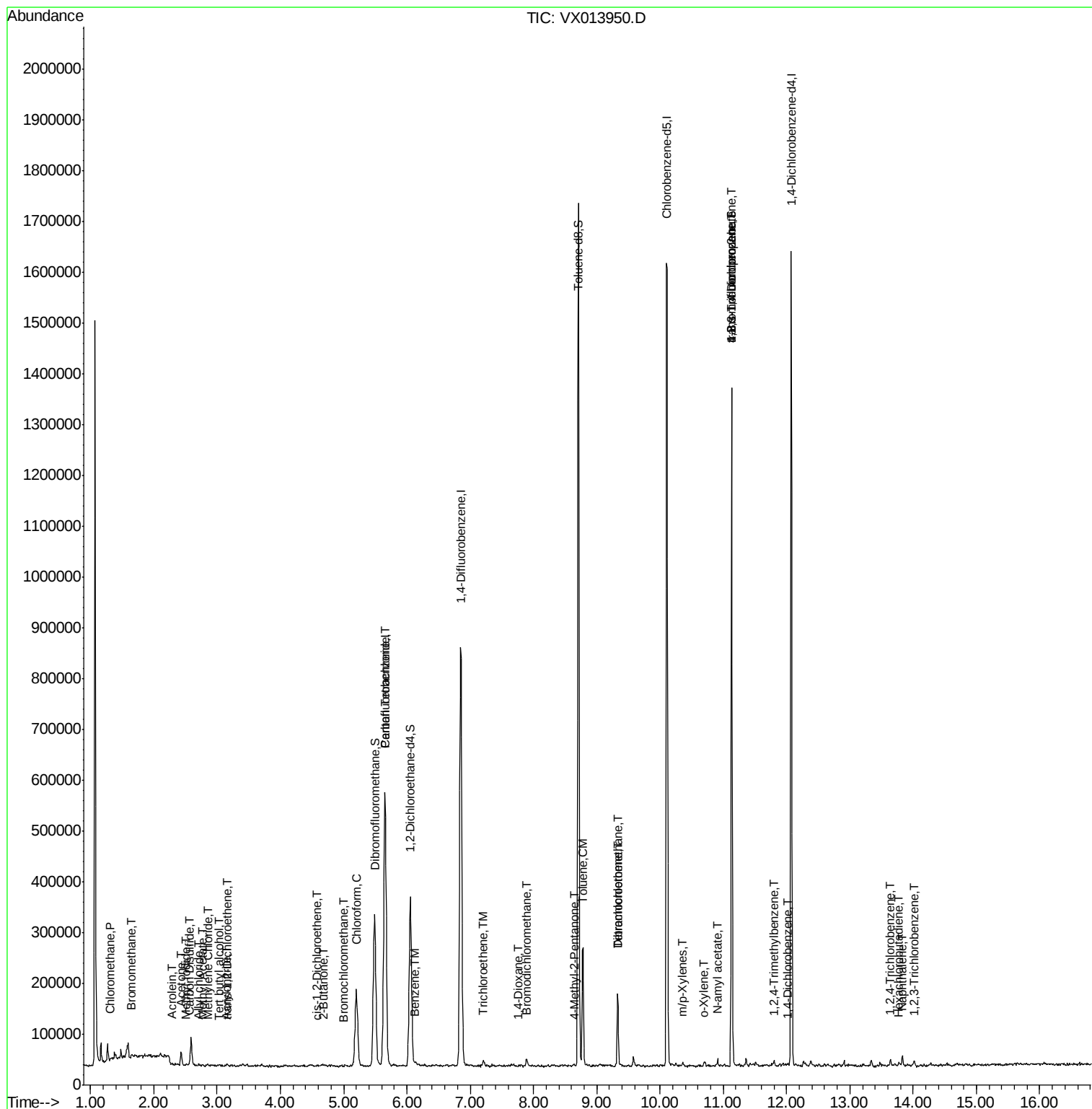
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|----------------------------|-------|------|----------|-------|--------|----------|
| 95) Naphthalene            | 13.83 | 128  | 15124    | 0.668 | ug/l # | 95       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 2747     | 0.365 | ug/l   | 81       |

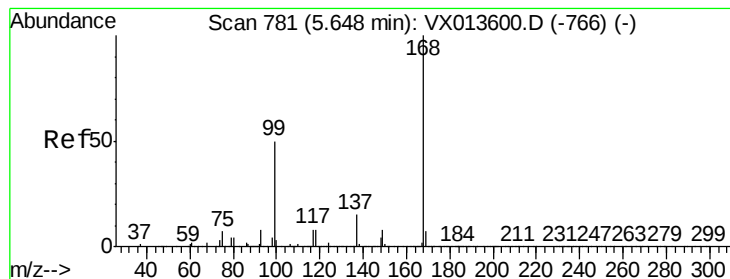
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 26 15:53:00 2019  
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013950.D

Acq: 11 Dec 2019 17:55

Instrument :

MSVOA\_X

ClientSampleId :

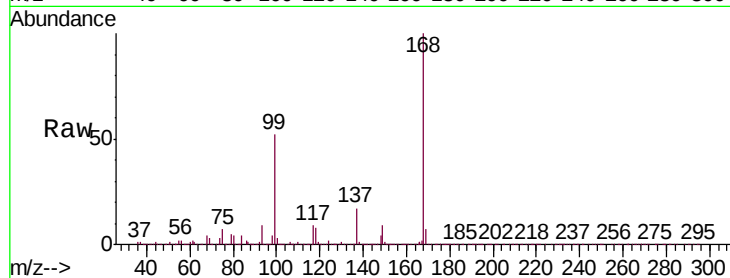
WC-GW

Tgt Ion: 168 Resp: 554582

Ion Ratio Lower Upper

168 100

99 52.1 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

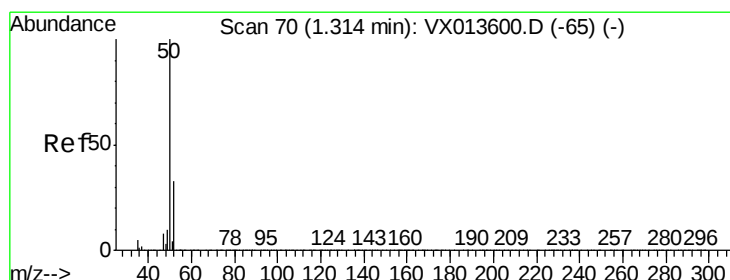
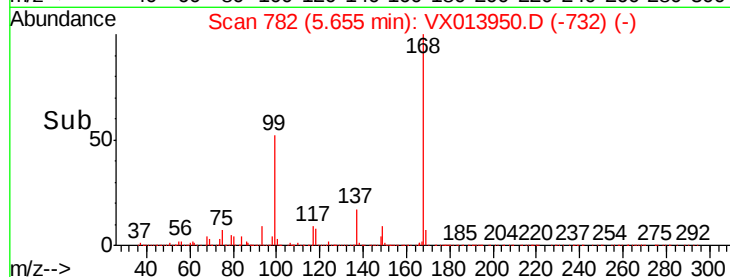
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50000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.202 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013950.D

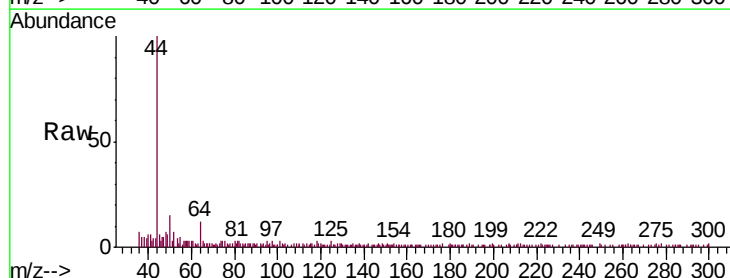
Acq: 11 Dec 2019 17:55

Tgt Ion: 50 Resp: 1400

Ion Ratio Lower Upper

50 100

52 27.8 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1500

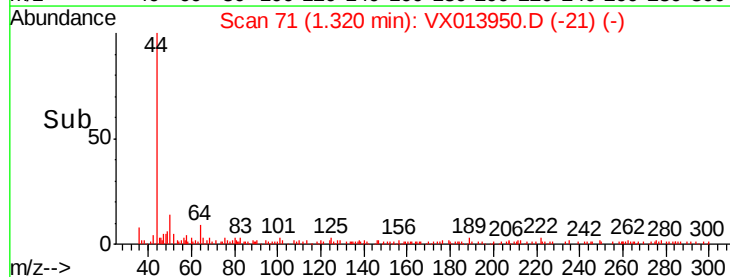
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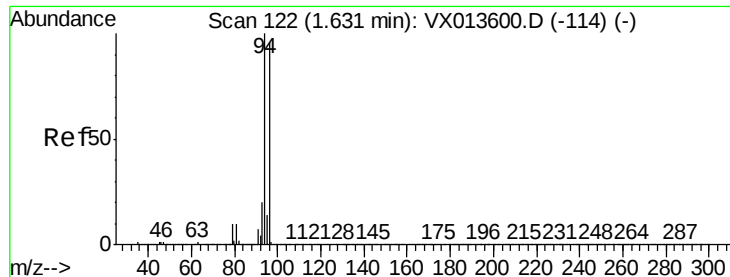
500

0

Time-->

1.28 1.30 1.32 1.34





#5

Bromomethane

Concen: 0.595 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX013950.D

Acq: 11 Dec 2019 17:55

Instrument :

MSVOA\_X

ClientSampleId :

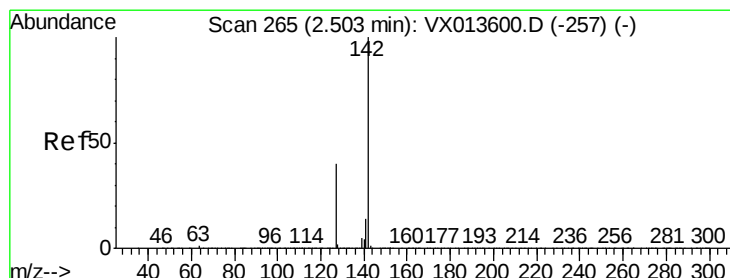
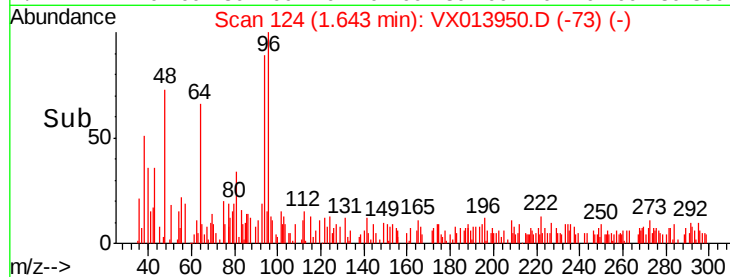
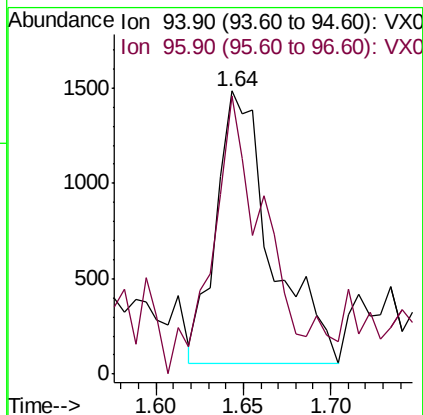
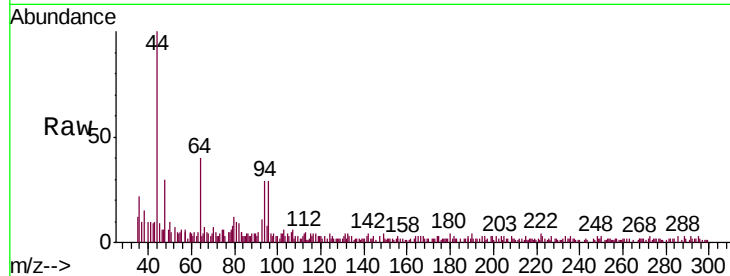
WC-GW

Tgt Ion: 94 Resp: 3117

Ion Ratio Lower Upper

94 100

96 92.2 77.0 115.4



#10

Methyl Iodide

Concen: 0.458 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX013950.D

Acq: 11 Dec 2019 17:55

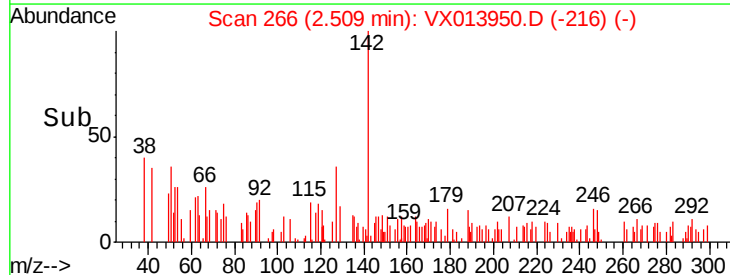
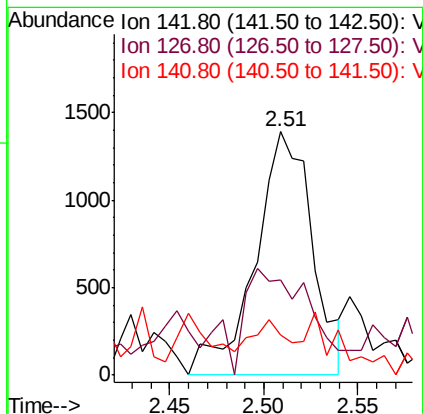
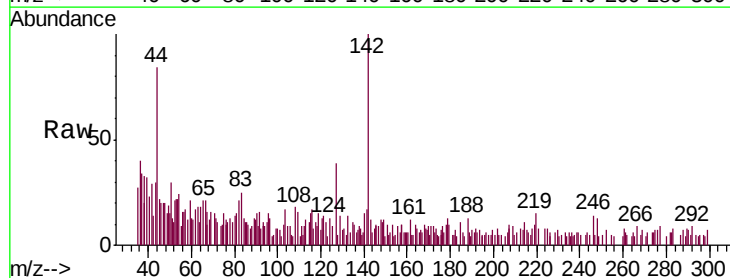
Tgt Ion: 142 Resp: 2932

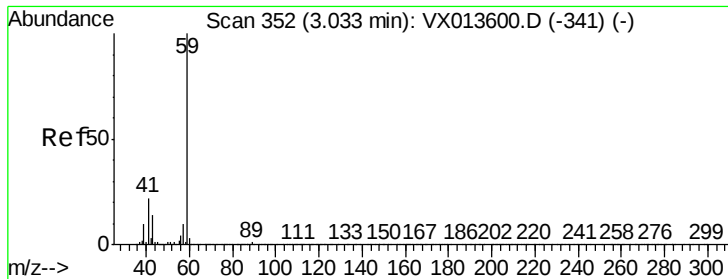
Ion Ratio Lower Upper

142 100

127 47.5 31.0 46.4#

141 6.2 11.6 17.4#



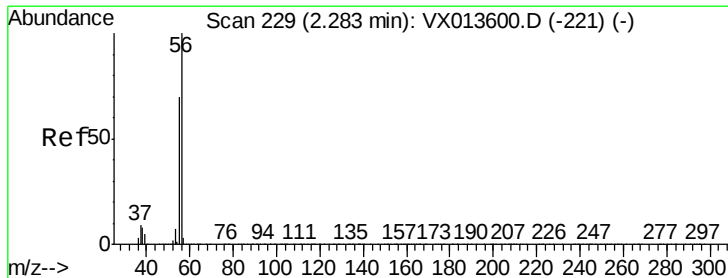
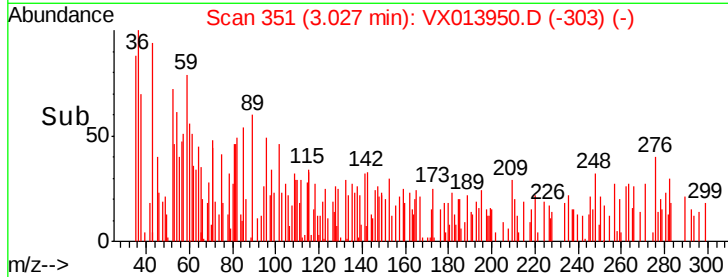
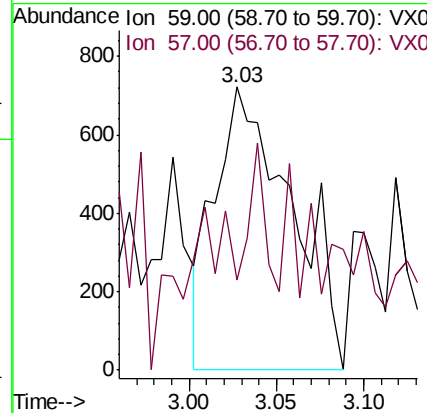
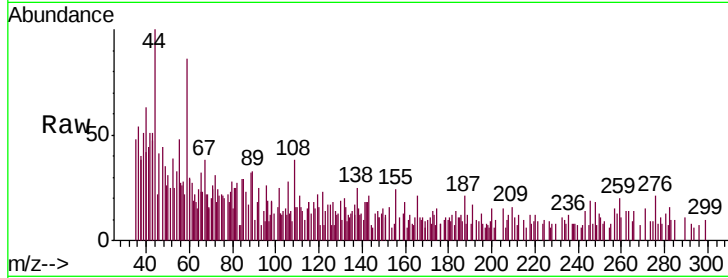


#11

Tert butyl alcohol  
 Concen: 1.395 ug/l  
 RT: 3.03 min Scan# 351  
 Delta R.T. -0.01 min  
 Lab File: VX013950.D  
 Acq: 11 Dec 2019 17:55

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 WC-GW

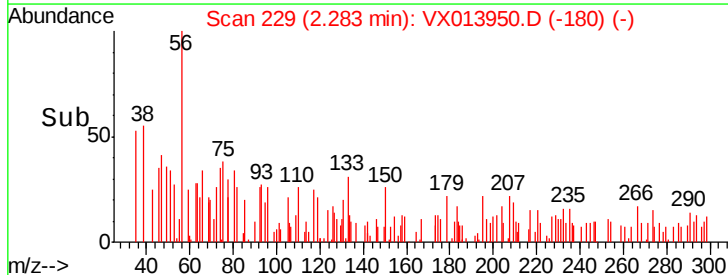
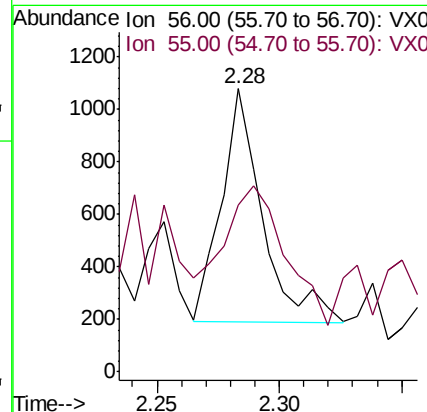
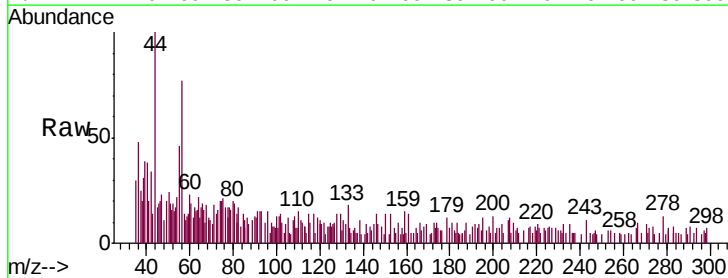
Tgt Ion: 59 Resp: 2217  
 Ion Ratio Lower Upper  
 59 100  
 57 10.1 7.8 11.6

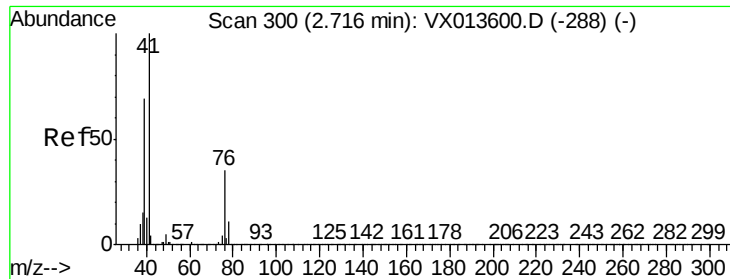


#13

Acrolein  
 Concen: 6.963 ug/l  
 RT: 2.28 min Scan# 229  
 Delta R.T. 0.00 min  
 Lab File: VX013950.D  
 Acq: 11 Dec 2019 17:55

Tgt Ion: 56 Resp: 1044  
 Ion Ratio Lower Upper  
 56 100  
 55 90.4 56.2 84.4#





#14

Allyl chloride

Concen: 0.220 ug/l

RT: 2.70 min Scan# 298

Delta R.T. -0.01 min

Lab File: VX013950.D

Acq: 11 Dec 2019 17:55

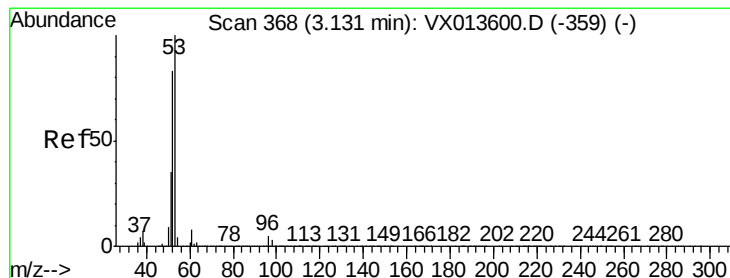
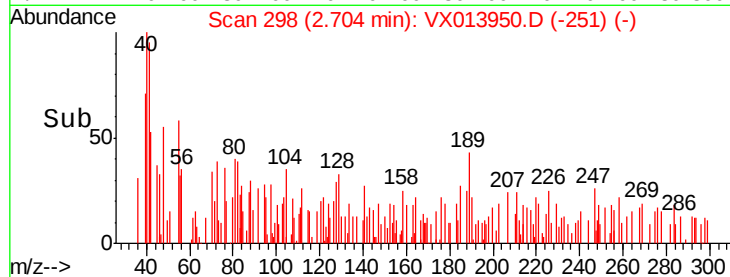
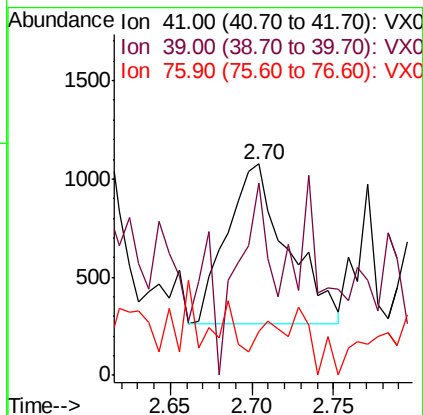
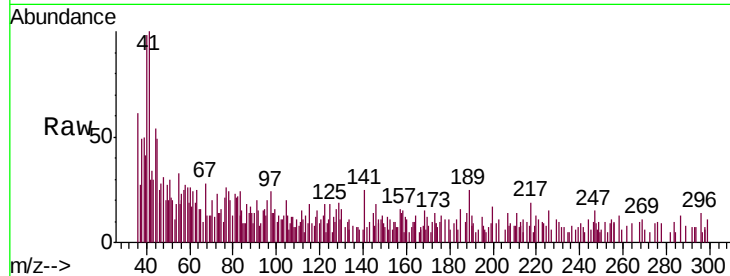
Instrument :

MSVOA\_X

ClientSampled :

WC-GW

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 2104  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 64.3  | 51.7  | 77.5  |
| 76       | 0.0   | 25.9  | 38.9# |



#15

Acrylonitrile

Concen: 0.376 ug/l

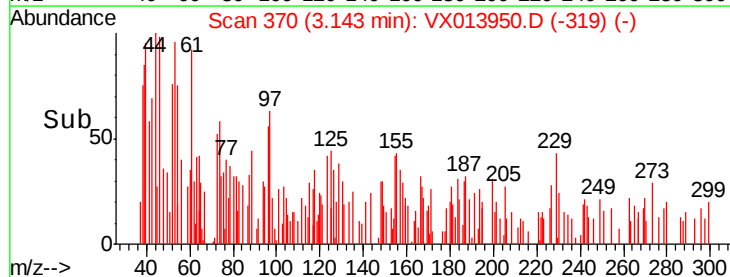
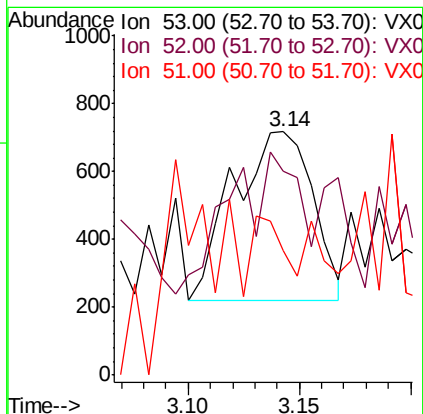
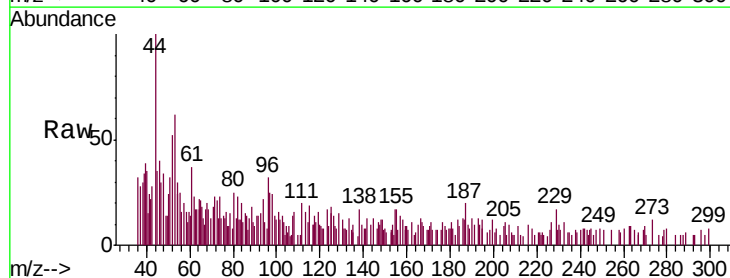
RT: 3.14 min Scan# 370

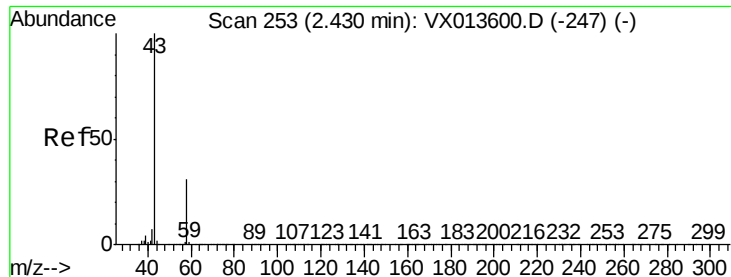
Delta R.T. 0.01 min

Lab File: VX013950.D

Acq: 11 Dec 2019 17:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 1232  |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 58.0  | 66.2  | 99.2# |
| 51       | 22.1  | 29.0  | 43.6# |





#16

Acetone

Concen: 10.069 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013950.D

Acq: 11 Dec 2019 17:55

Instrument :

MSVOA\_X

ClientSampleId :

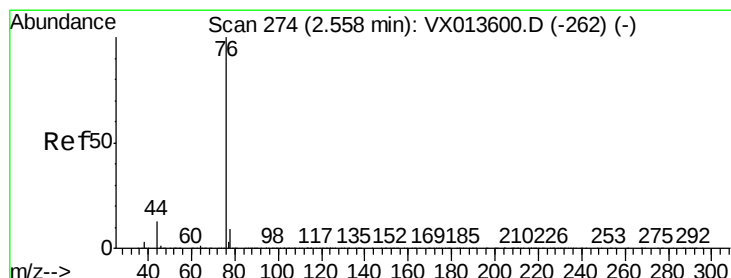
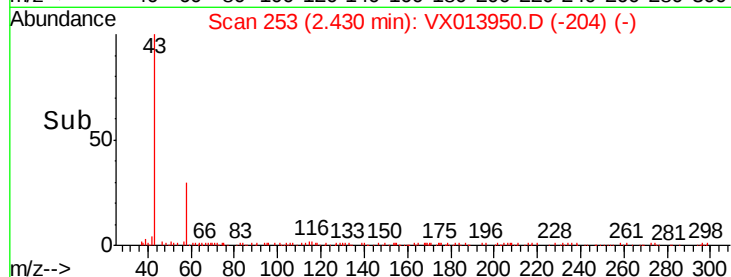
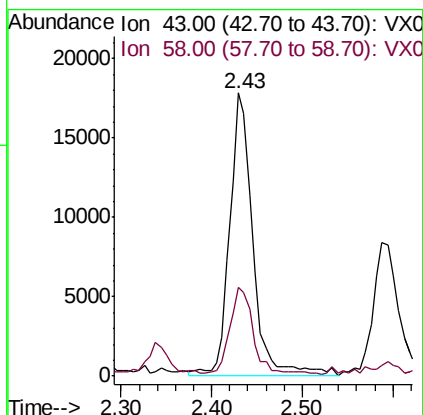
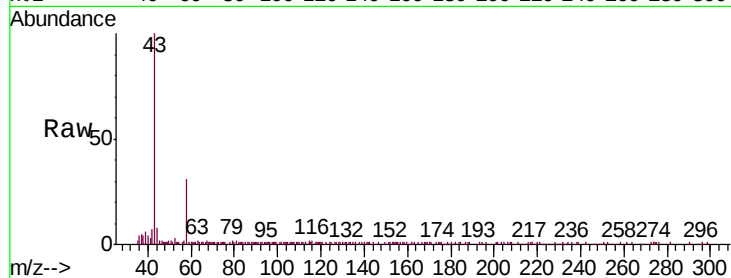
WC-GW

Tgt Ion: 43 Resp: 32001

Ion Ratio Lower Upper

43 100

58 30.4 24.6 36.8



#17

Carbon Disulfide

Concen: 0.412 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013950.D

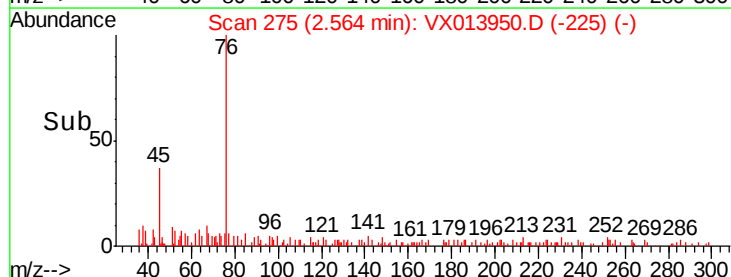
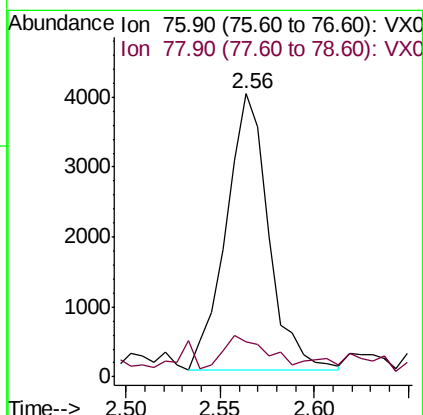
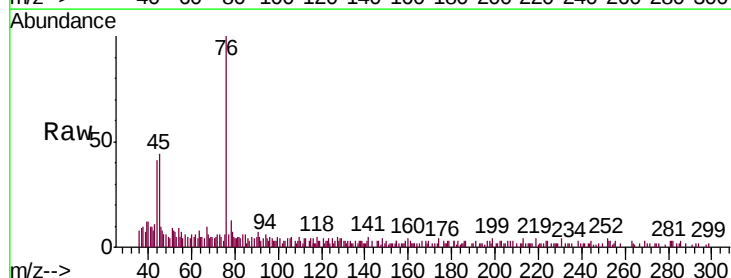
Acq: 11 Dec 2019 17:55

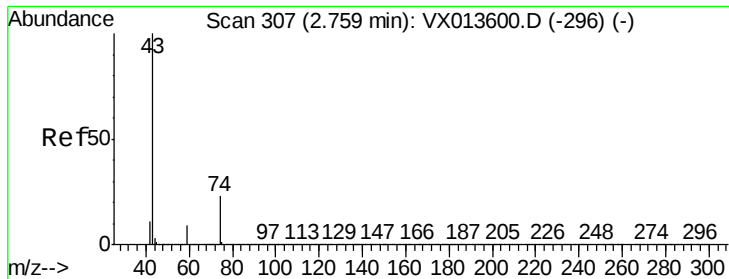
Tgt Ion: 76 Resp: 6199

Ion Ratio Lower Upper

76 100

78 8.4 7.2 10.8

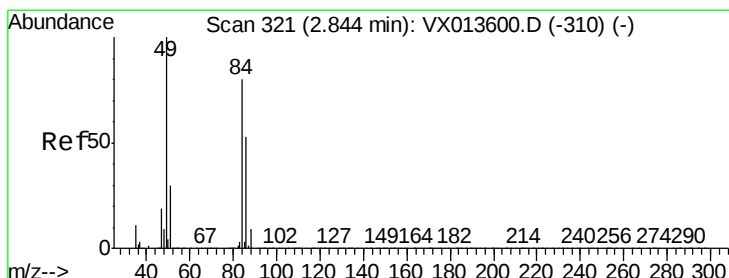
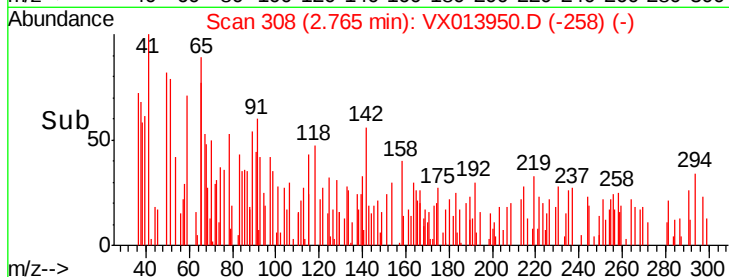
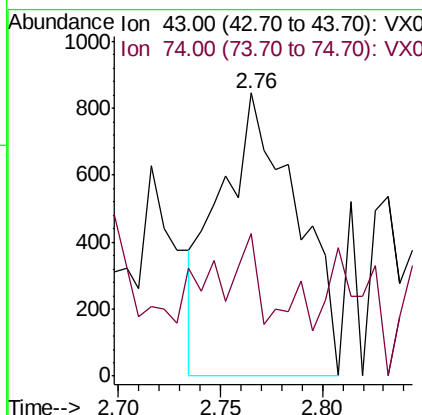
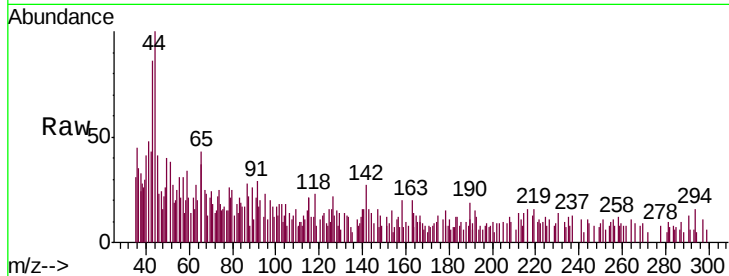




#18  
Methyl Acetate  
Concen: 0.251 ug/l  
RT: 2.76 min Scan# 308  
Delta R.T. 0.01 min  
Lab File: VX013950.D  
Acq: 11 Dec 2019 17:55

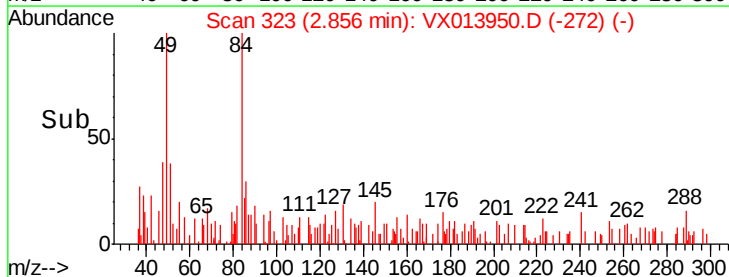
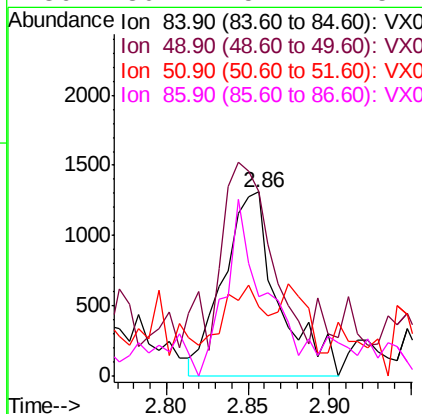
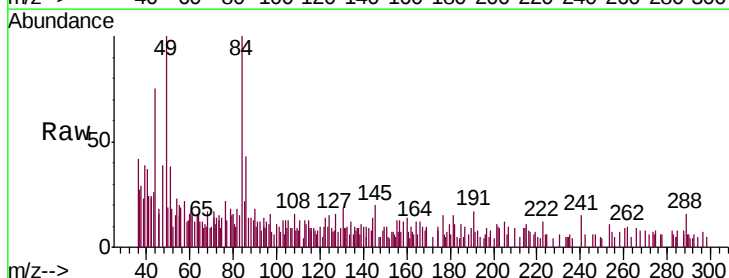
Instrument :  
MSVOA\_X  
ClientSampleID :  
WC-GW

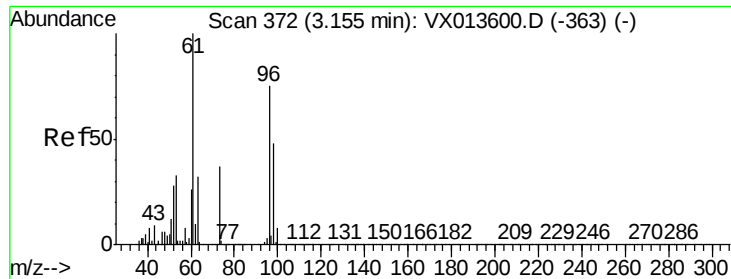
Tgt Ion: 43 Resp: 2218  
Ion Ratio Lower Upper  
43 100  
74 24.6 19.5 29.3



#20  
Methylene Chloride  
Concen: 0.502 ug/l  
RT: 2.86 min Scan# 323  
Delta R.T. 0.01 min  
Lab File: VX013950.D  
Acq: 11 Dec 2019 17:55

Tgt Ion: 84 Resp: 3065  
Ion Ratio Lower Upper  
84 100  
49 79.8 99.7 149.5#  
51 35.3 29.9 44.9  
86 30.7 52.2 78.4#





#21

trans-1,2-Dichloroethene

Concen: 0.321 ug/l

RT: 3.17 min Scan# 374

Delta R.T. 0.01 min

Lab File: VX013950.D

Acq: 11 Dec 2019 17:55

Instrument :

MSVOA\_X

ClientSampleId :

WC-GW

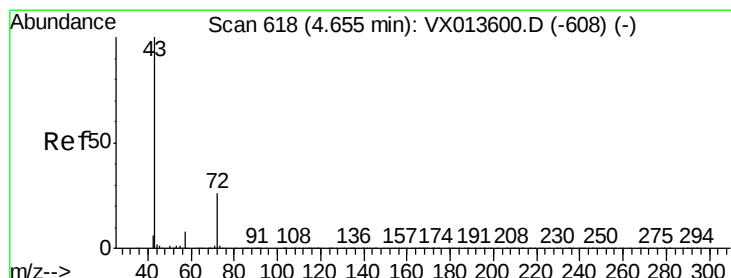
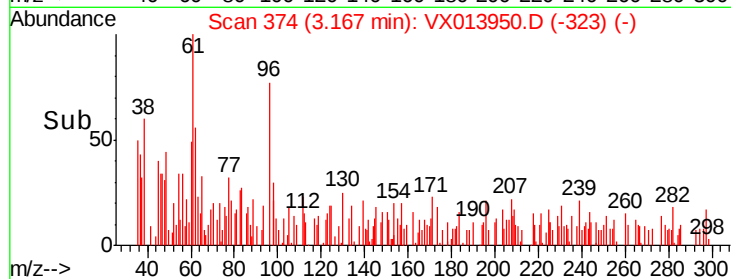
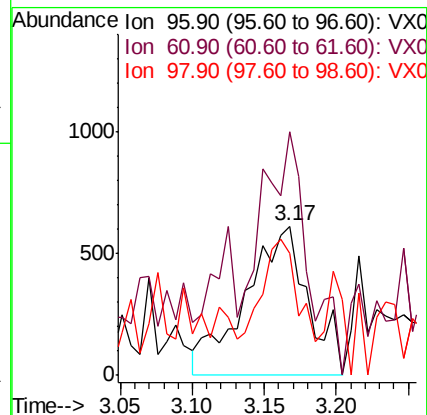
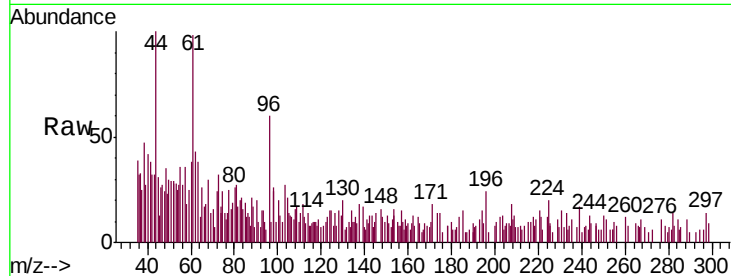
Tgt Ion: 96 Resp: 1848

Ion Ratio Lower Upper

96 100

61 163.3 107.2 160.8#

98 54.2 51.4 77.0



#25

2-Butanone

Concen: 0.364 ug/l

RT: 4.68 min Scan# 622

Delta R.T. 0.02 min

Lab File: VX013950.D

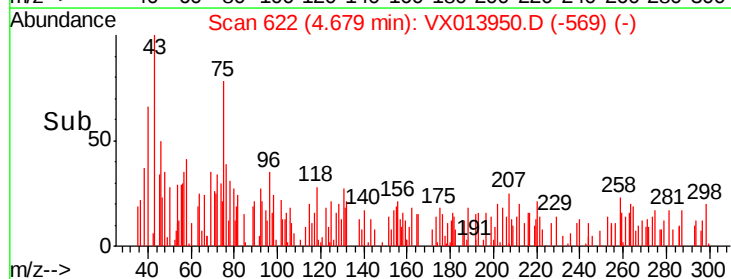
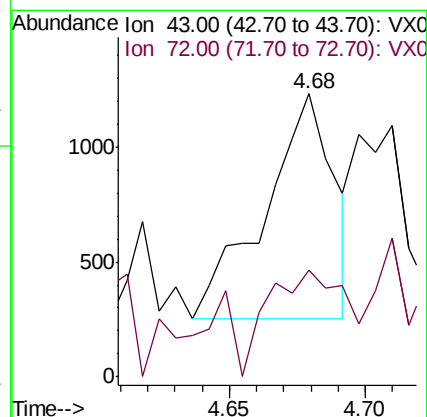
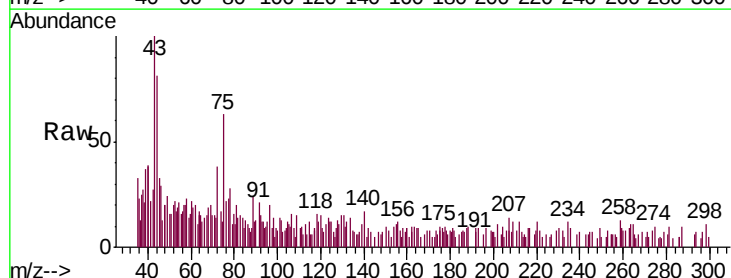
Acq: 11 Dec 2019 17:55

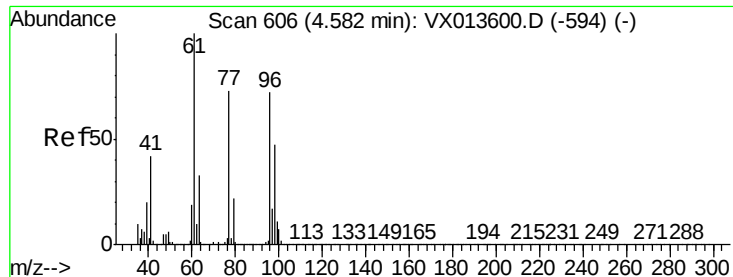
Tgt Ion: 43 Resp: 1721

Ion Ratio Lower Upper

43 100

72 29.1 20.6 31.0



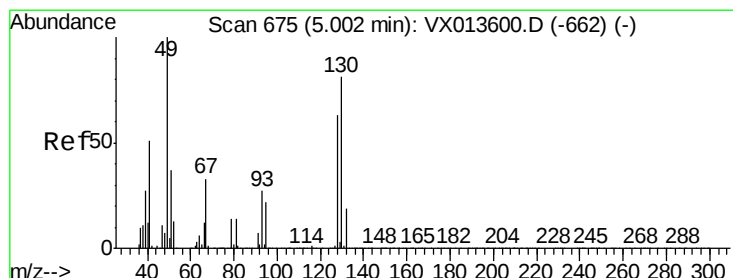
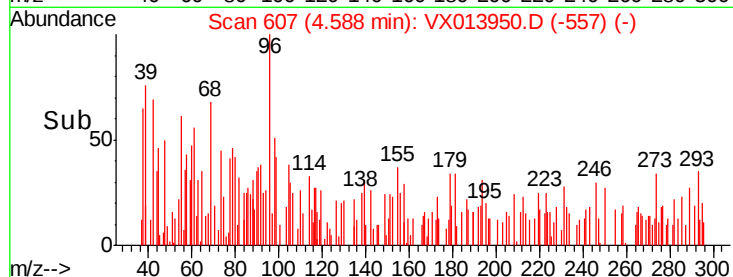
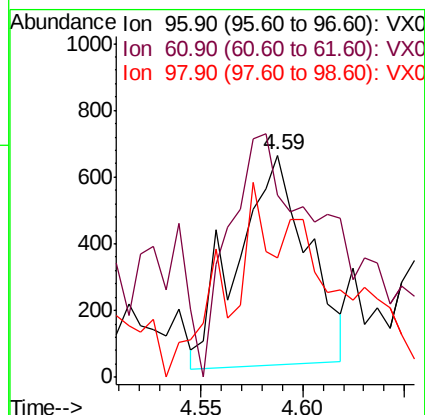
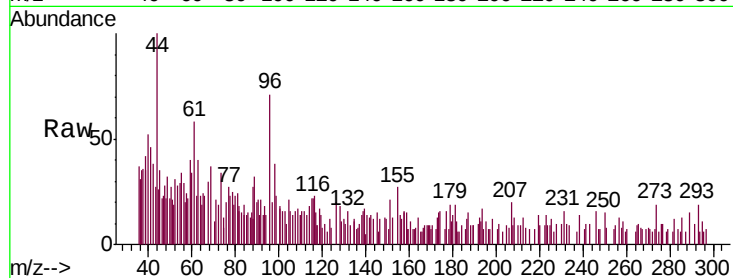


#27

cis-1,2-Dichloroethene  
Concen: 0.230 ug/l  
RT: 4.59 min Scan# 607  
Delta R.T. 0.01 min  
Lab File: VX013950.D  
Acq: 11 Dec 2019 17:55

Instrument :  
MSVOA\_X  
ClientSampled :  
WC-GW

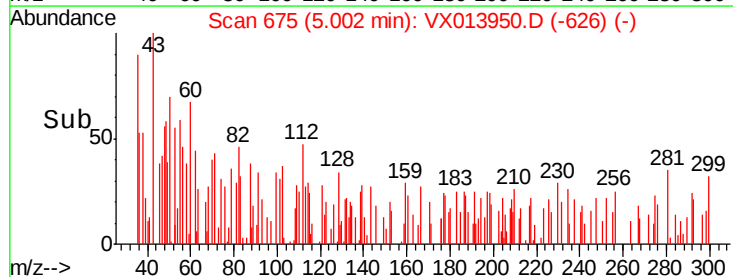
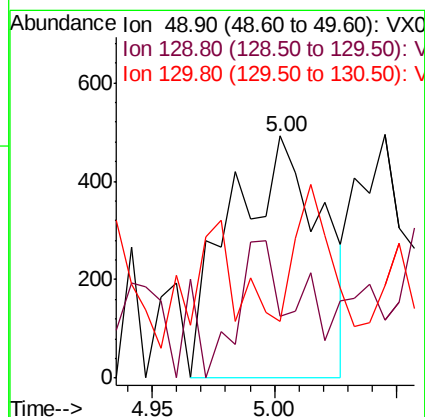
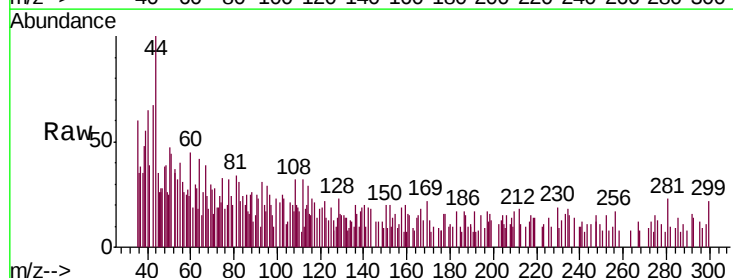
Tgt Ion: 96 Resp: 1520  
Ion Ratio Lower Upper  
96 100  
61 166.8 0.0 286.4  
98 59.5 0.0 127.4

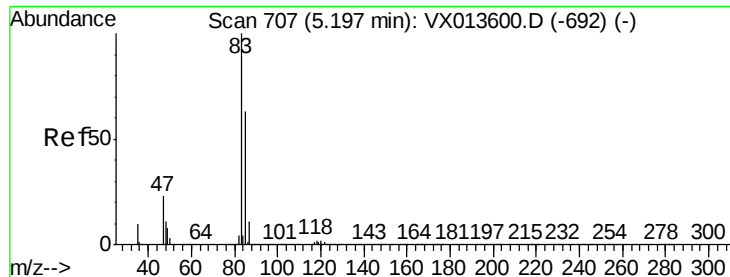


#28

Bromochloromethane  
Concen: 0.304 ug/l  
RT: 5.00 min Scan# 675  
Delta R.T. 0.00 min  
Lab File: VX013950.D  
Acq: 11 Dec 2019 17:55

Tgt Ion: 49 Resp: 1262  
Ion Ratio Lower Upper  
49 100  
129 28.4 0.0 5.0#  
130 28.8 65.4 98.0#





#30

Chloroform

Concen: 17.970 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX013950.D

Acq: 11 Dec 2019 17:55

Instrument :

MSVOA\_X

ClientSampled :

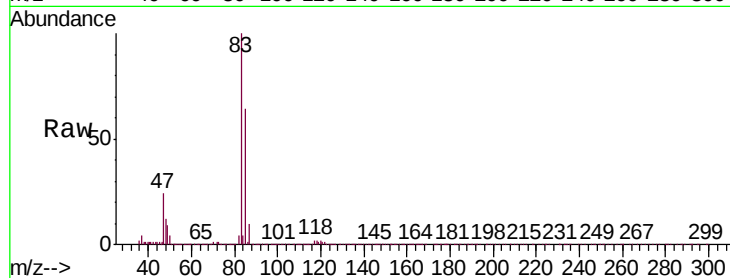
WC-GW

Tgt Ion: 83 Resp: 183734

Ion Ratio Lower Upper

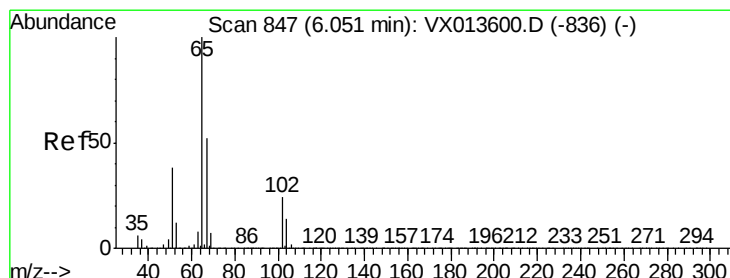
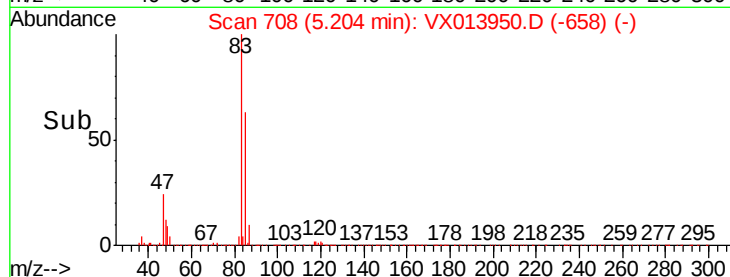
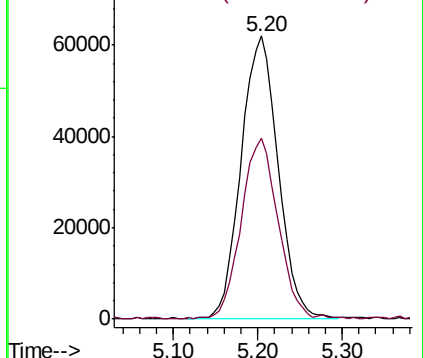
83 100

85 63.6 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.575 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013950.D

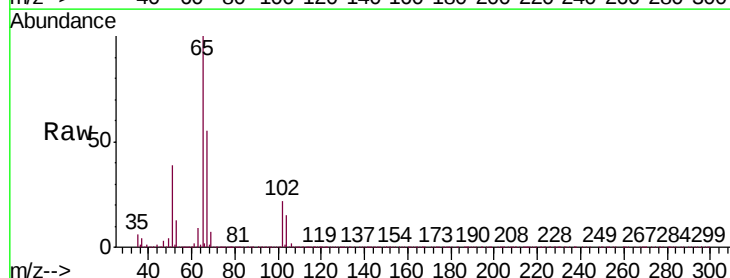
Acq: 11 Dec 2019 17:55

Tgt Ion: 65 Resp: 312701

Ion Ratio Lower Upper

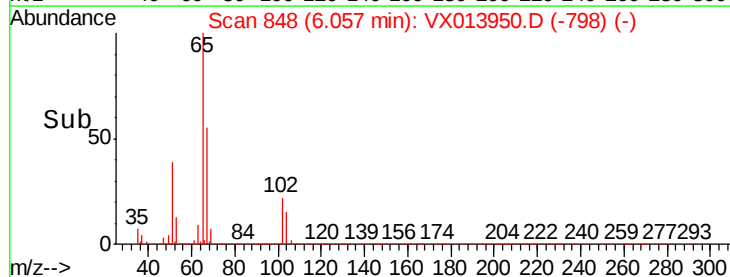
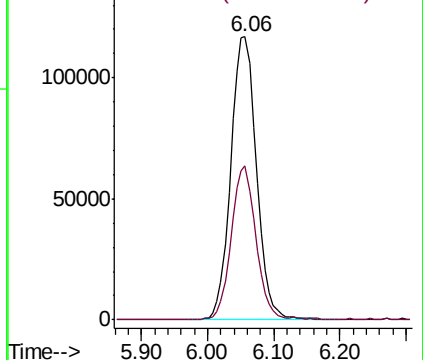
65 100

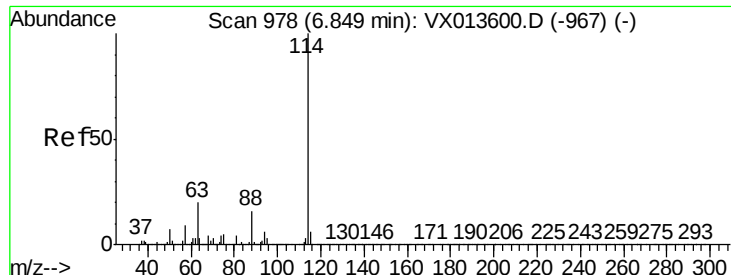
67 52.5 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013950.D

Acq: 11 Dec 2019 17:55

Instrument :

MSVOA\_X

ClientSampleId :

WC-GW

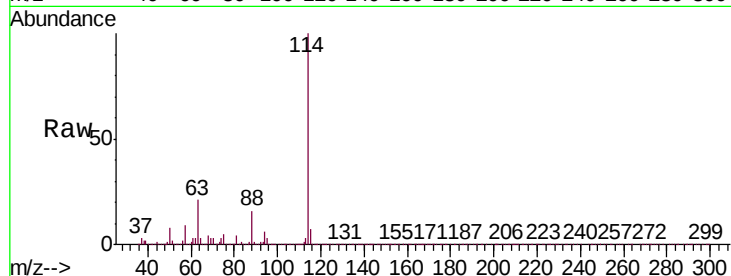
Tgt Ion:114 Resp: 853779

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.6

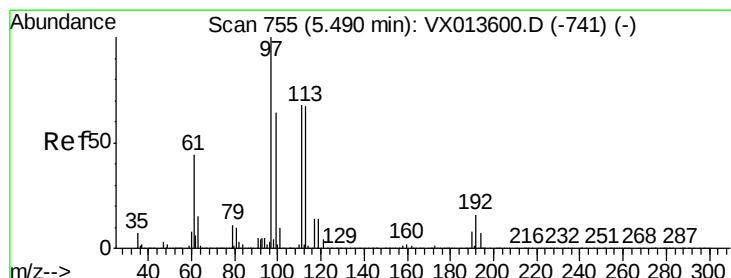
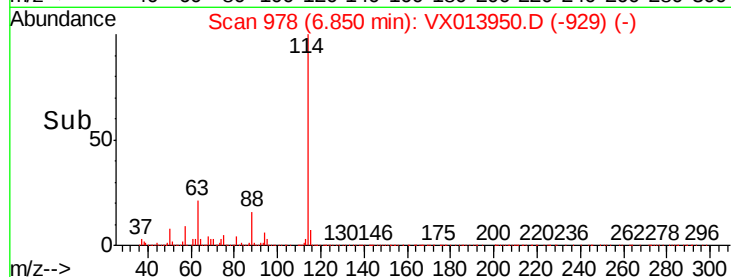
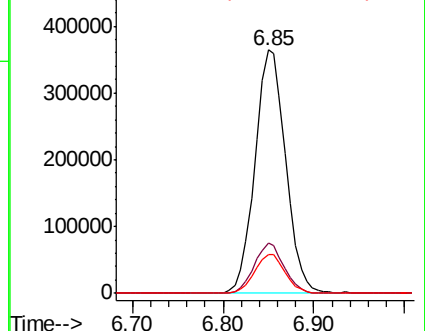
88 15.7 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.946 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013950.D

Acq: 11 Dec 2019 17:55

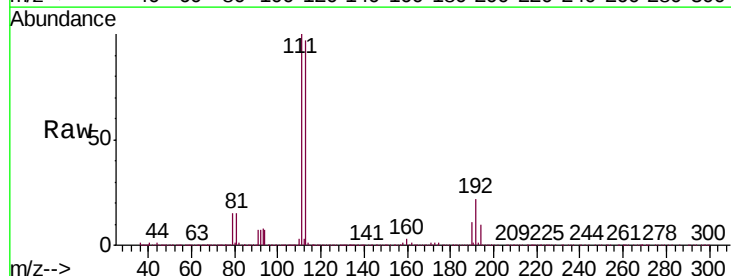
Tgt Ion:113 Resp: 258344

Ion Ratio Lower Upper

113 100

111 103.1 83.6 125.4

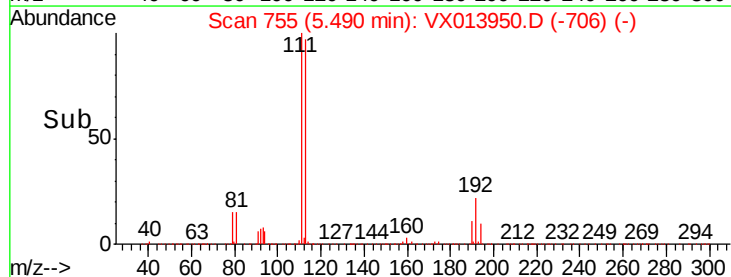
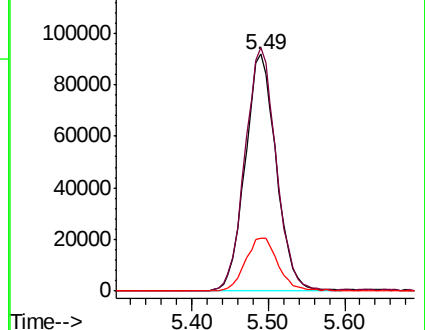
192 22.9 19.2 28.8

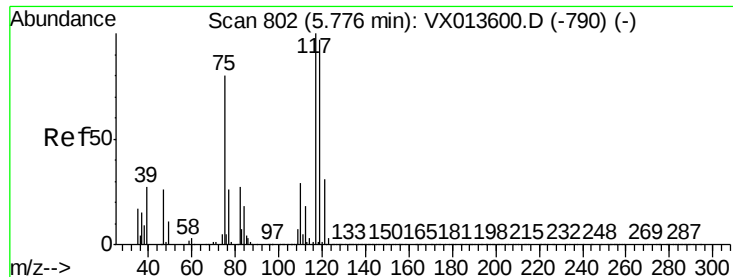


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

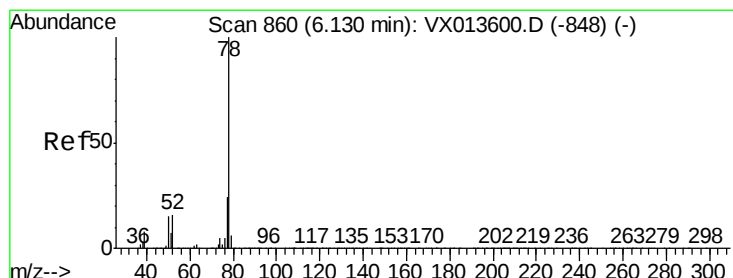
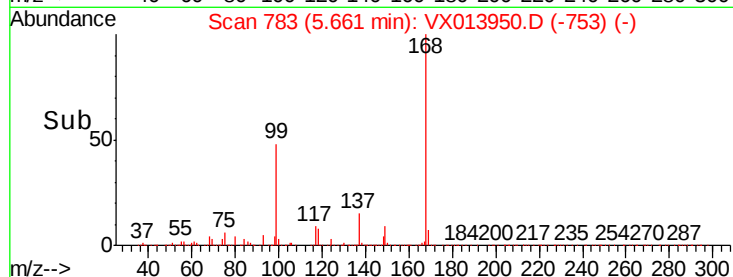
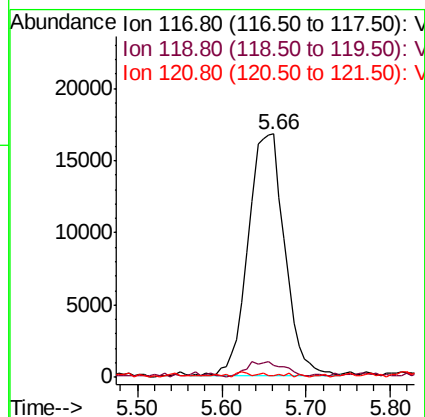
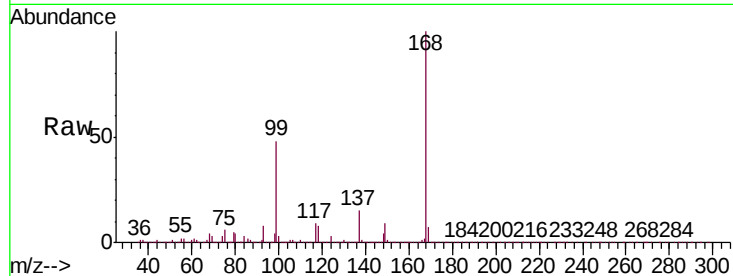




#38  
Carbon Tetrachloride  
Concen: 6.934 ug/l  
RT: 5.66 min Scan# 783  
Delta R.T. -0.12 min  
Lab File: VX013950.D  
Acq: 11 Dec 2019 17:55

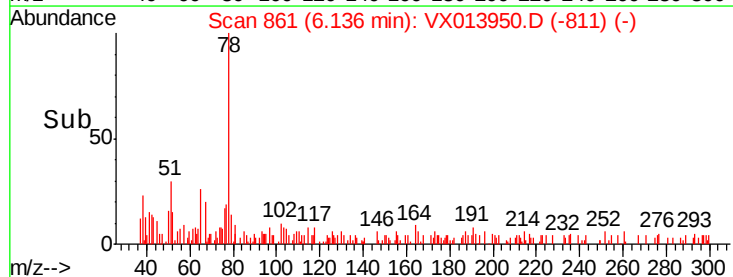
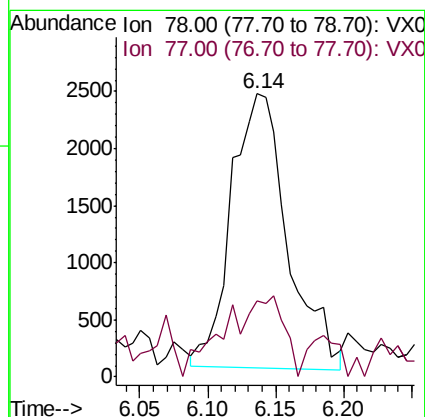
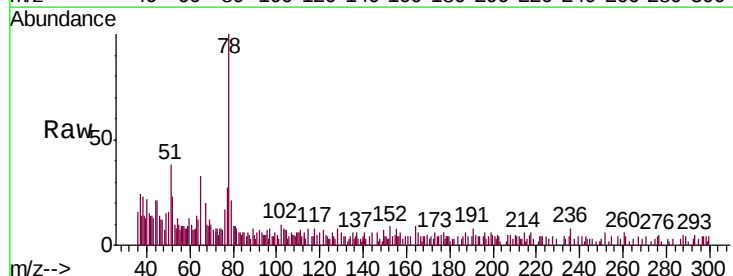
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-GW

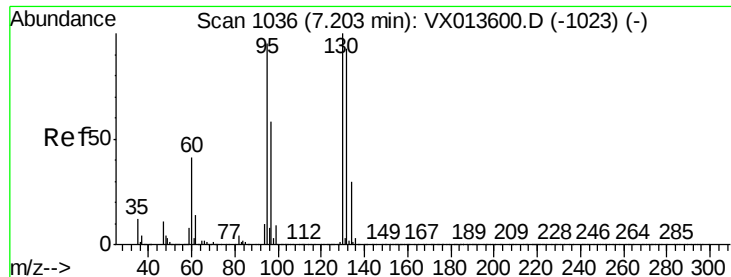
Tgt Ion: 117 Resp: 49553  
Ion Ratio Lower Upper  
117 100  
119 4.0 77.5 116.3#  
121 0.1 25.0 37.6#



#40  
Benzene  
Concen: 0.296 ug/l  
RT: 6.14 min Scan# 861  
Delta R.T. 0.01 min  
Lab File: VX013950.D  
Acq: 11 Dec 2019 17:55

Tgt Ion: 78 Resp: 6981  
Ion Ratio Lower Upper  
78 100  
77 19.1 19.0 28.4





#44

Trichloroethene

Concen: 0.764 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013950.D

Acq: 11 Dec 2019 17:55

Instrument :

MSVOA\_X

ClientSampleId :

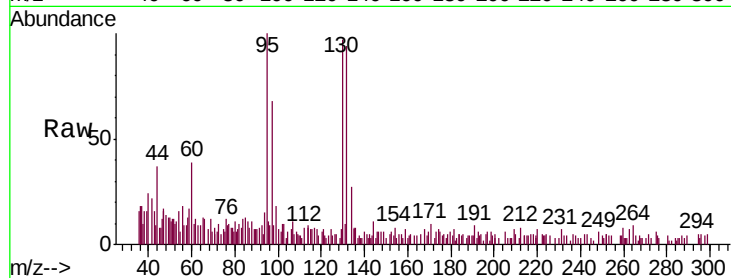
WC-GW

Tgt Ion:130 Resp: 4949

Ion Ratio Lower Upper

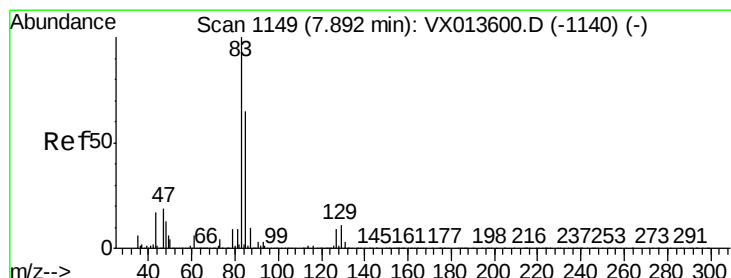
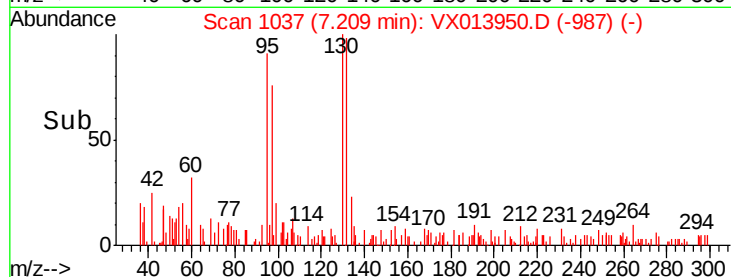
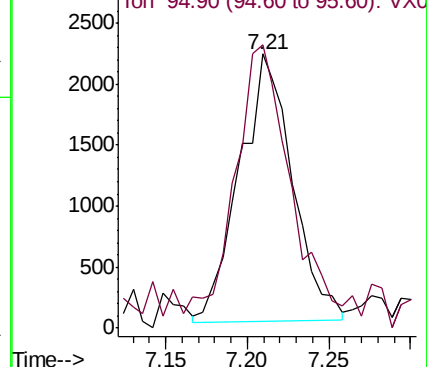
130 100

95 100.9 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#47

Bromodichloromethane

Concen: 1.260 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013950.D

Acq: 11 Dec 2019 17:55

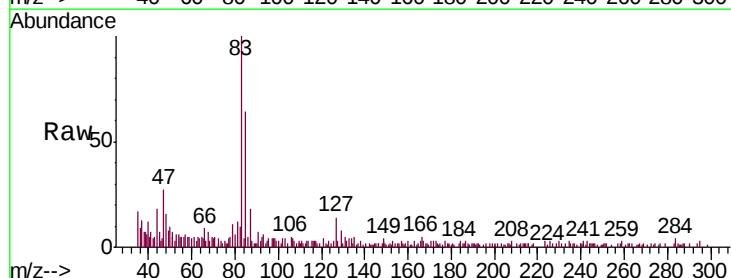
Tgt Ion: 83 Resp: 9551

Ion Ratio Lower Upper

83 100

85 59.6 52.1 78.1

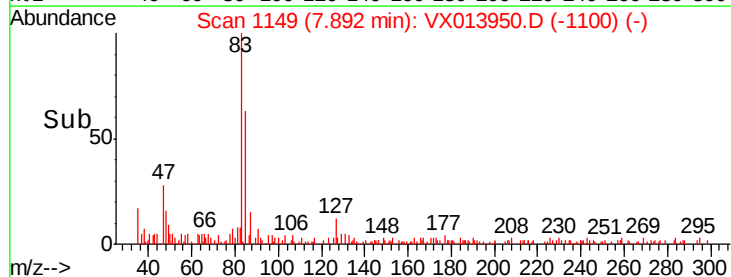
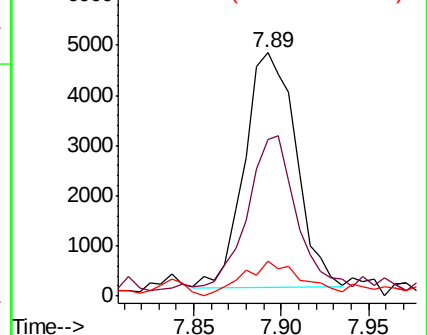
127 13.2 7.0 10.4#

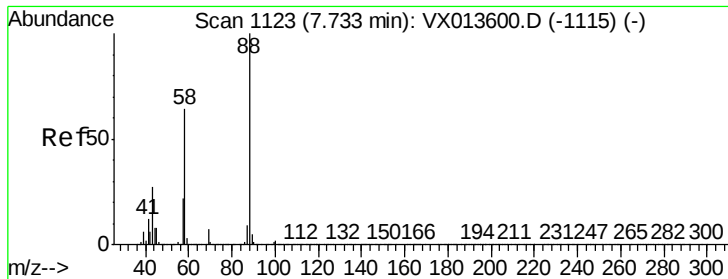


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

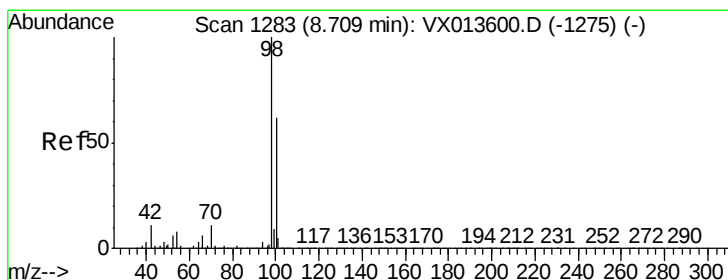
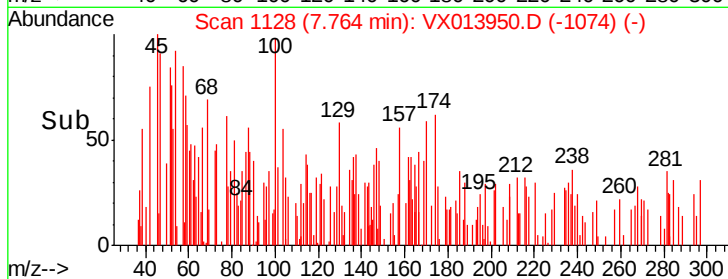
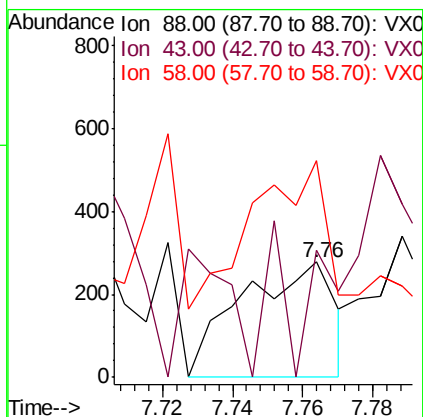
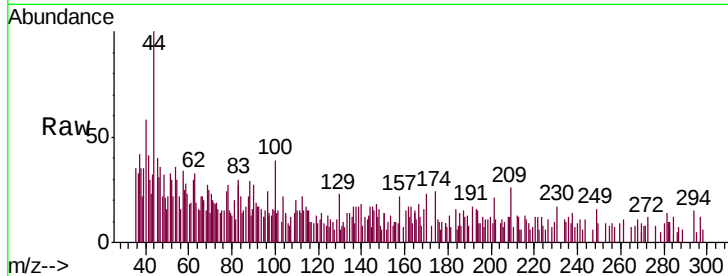




#49  
1,4-Dioxane  
Concen: 3.302 ug/l  
RT: 7.76 min Scan# 1128  
Delta R.T. 0.03 min  
Lab File: VX013950.D  
Acq: 11 Dec 2019 17:55

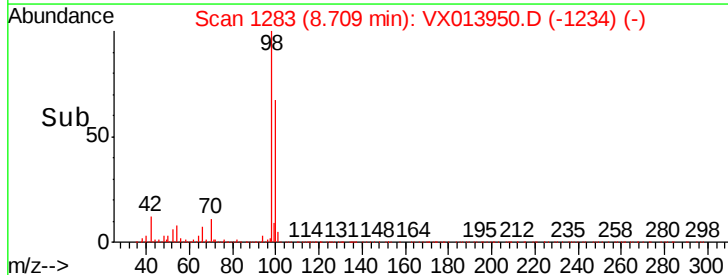
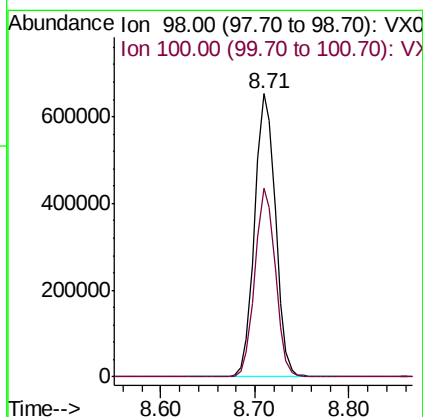
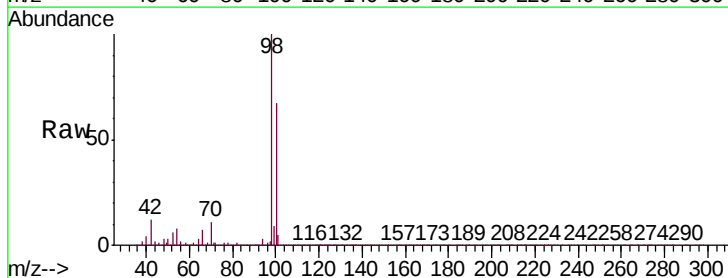
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-GW

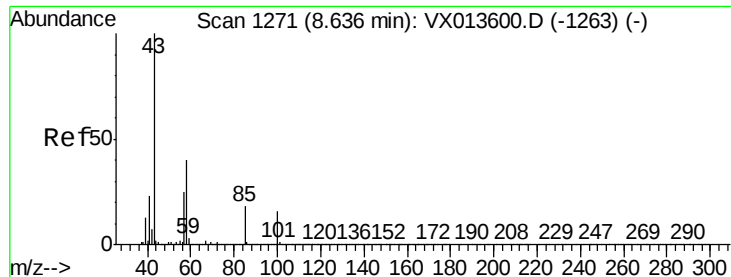
Tgt Ion: 88 Resp: 514  
Ion Ratio Lower Upper  
88 100  
43 27.0 25.8 38.6  
58 134.8 54.6 82.0#



#50  
Toluene-d8  
Concen: 49.137 ug/l  
RT: 8.71 min Scan# 1283  
Delta R.T. 0.00 min  
Lab File: VX013950.D  
Acq: 11 Dec 2019 17:55

Tgt Ion: 98 Resp: 1010465  
Ion Ratio Lower Upper  
98 100  
100 65.4 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.256 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013950.D

Acq: 11 Dec 2019 17:55

Instrument :

MSVOA\_X

ClientSampleId :

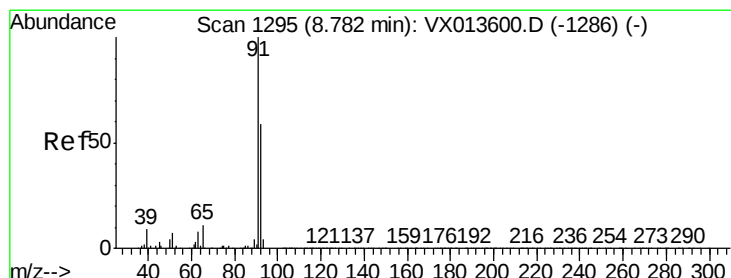
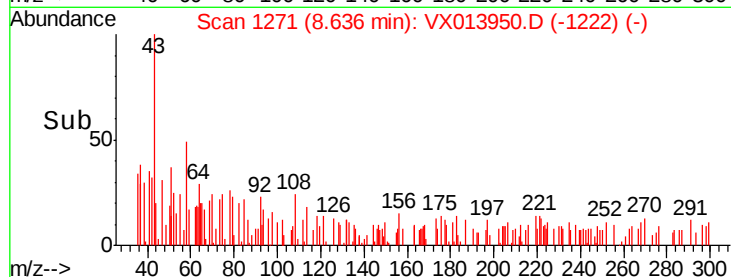
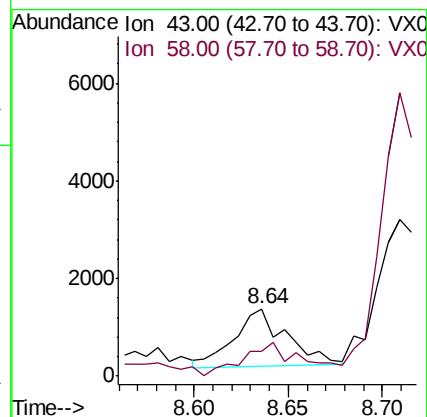
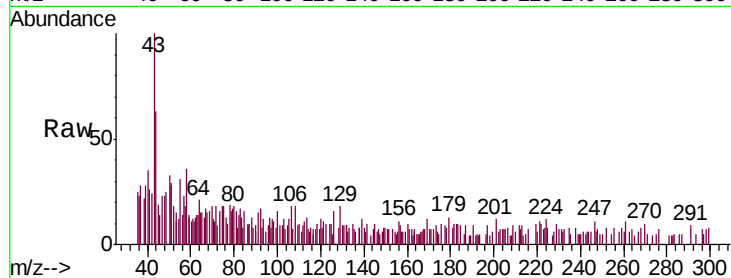
WC-GW

Tgt Ion: 43 Resp: 2307

Ion Ratio Lower Upper

43 100

58 58.2 32.1 48.1#



#52

Toluene

Concen: 6.301 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013950.D

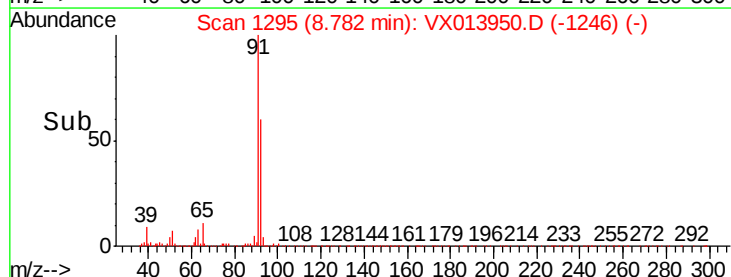
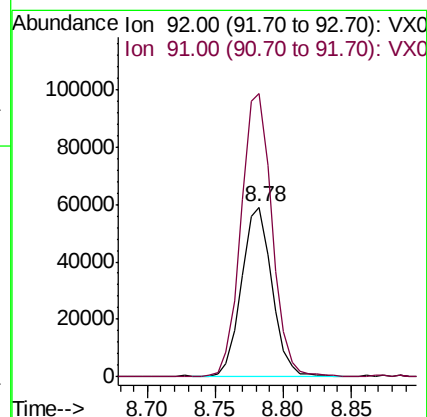
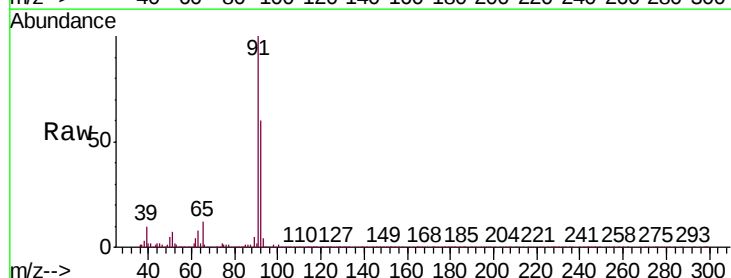
Acq: 11 Dec 2019 17:55

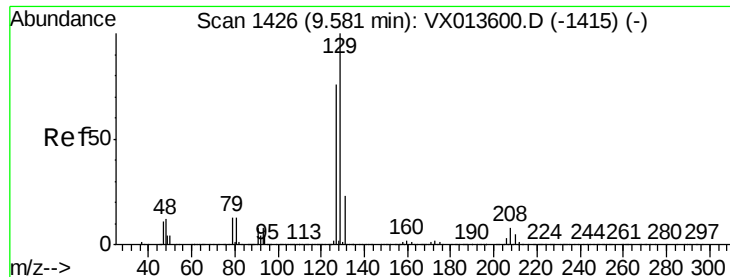
Tgt Ion: 92 Resp: 92396

Ion Ratio Lower Upper

92 100

91 169.1 136.2 204.2





#60

Dibromochloromethane

Concen: 4.069 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.25 min

Lab File: VX013950.D

Acq: 11 Dec 2019 17:55

Instrument :

MSVOA\_X

ClientSampleId :

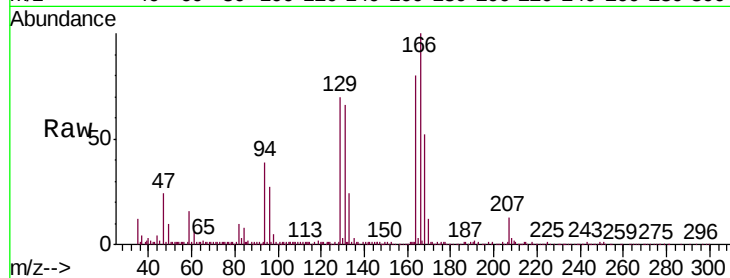
WC-GW

Tgt Ion:129 Resp: 24956

Ion Ratio Lower Upper

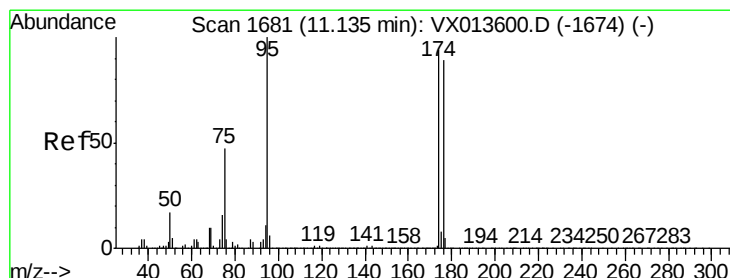
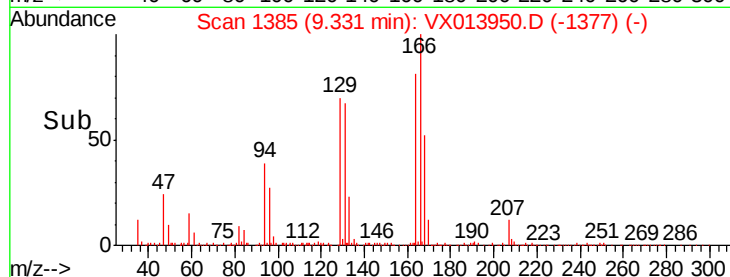
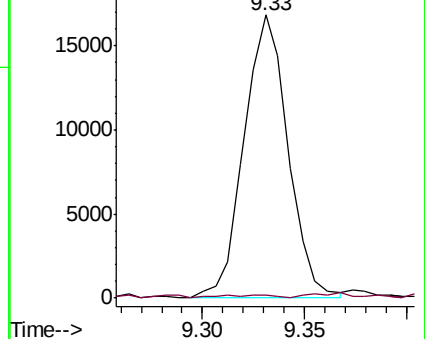
129 100

127 1.5 38.5 115.5#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 45.530 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013950.D

Acq: 11 Dec 2019 17:55

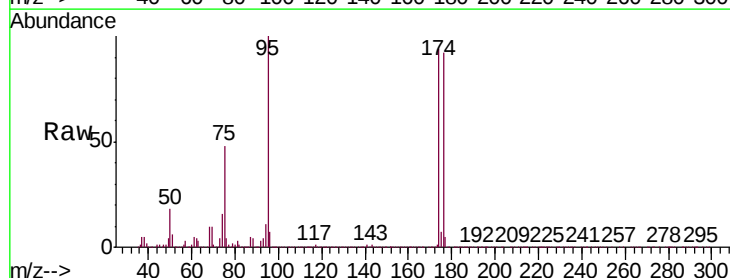
Tgt Ion: 95 Resp: 337633

Ion Ratio Lower Upper

95 100

174 89.5 0.0 180.0

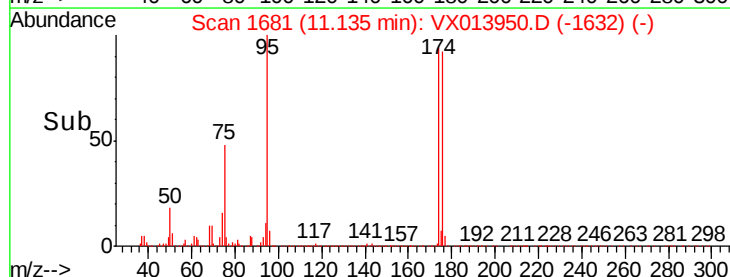
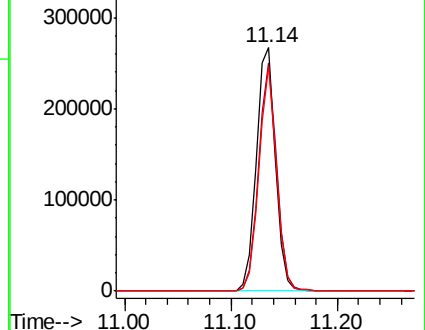
176 85.3 0.0 173.6

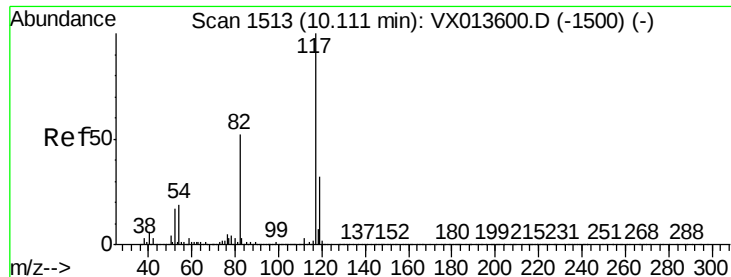


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

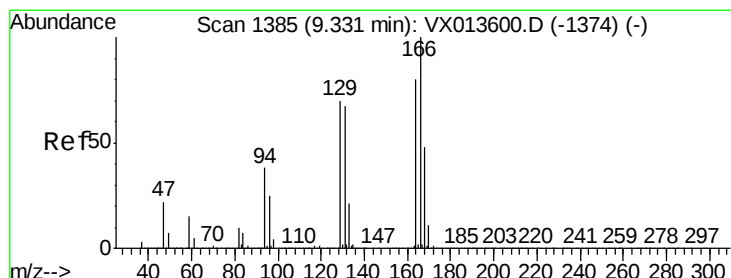
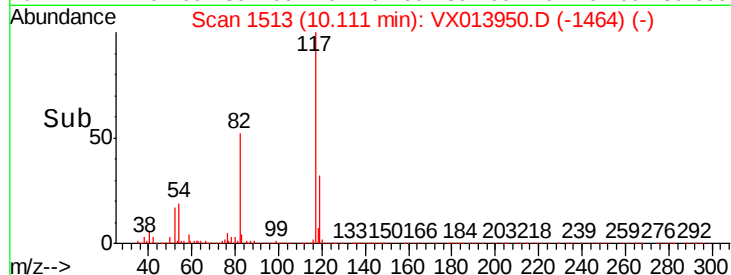
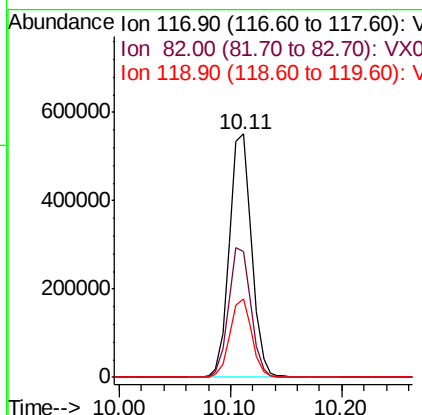
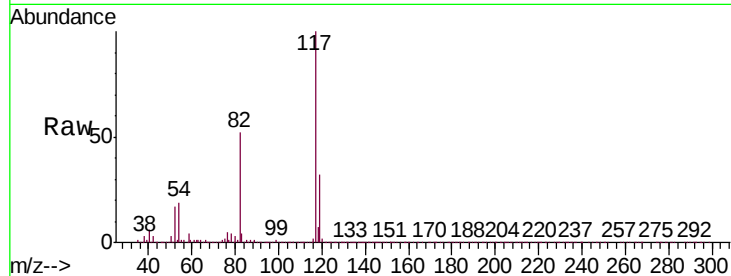




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1513  
Delta R.T. 0.00 min  
Lab File: VX013950.D  
Acq: 11 Dec 2019 17:55

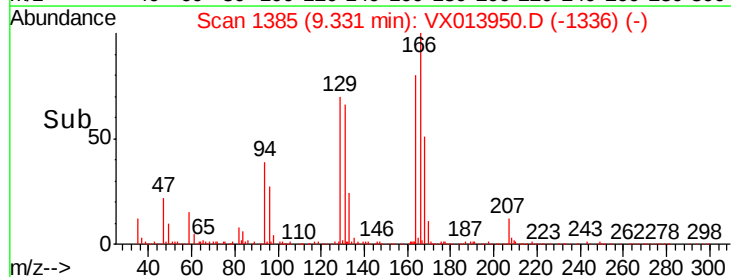
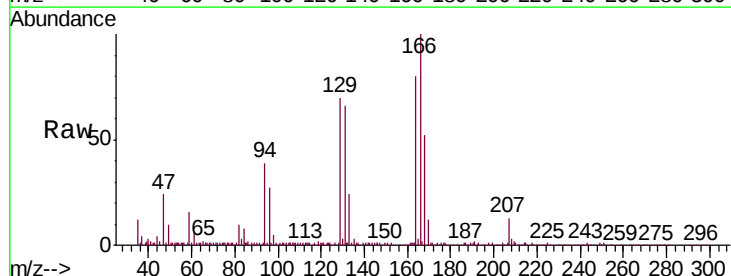
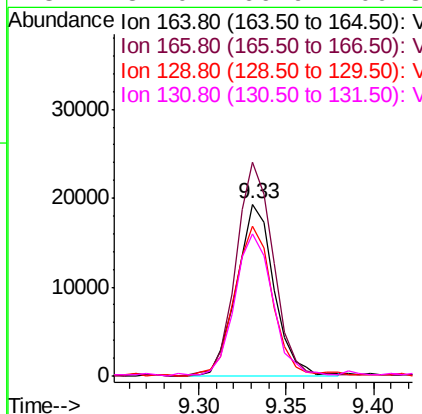
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-GW

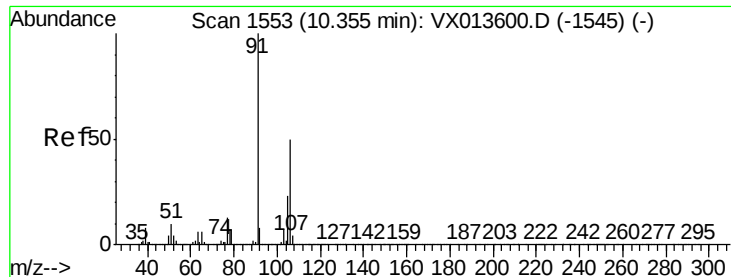
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 51.8  | 41.8  | 62.8  |
| 119     | 32.1  | 25.8  | 38.8  |



#64  
Tetrachloroethene  
Concen: 5.067 ug/l  
RT: 9.33 min Scan# 1385  
Delta R.T. 0.00 min  
Lab File: VX013950.D  
Acq: 11 Dec 2019 17:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 123.8 | 99.7  | 149.5 |
| 129     | 86.8  | 70.1  | 105.1 |
| 131     | 82.0  | 66.9  | 100.3 |





#68

m/p-Xylenes

Concen: 0.275 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013950.D

Acq: 11 Dec 2019 17:55

Instrument :

MSVOA\_X

ClientSampleId :

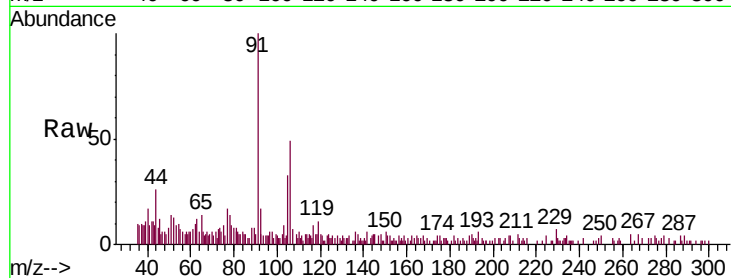
WC-GW

Tgt Ion:106 Resp: 2853

Ion Ratio Lower Upper

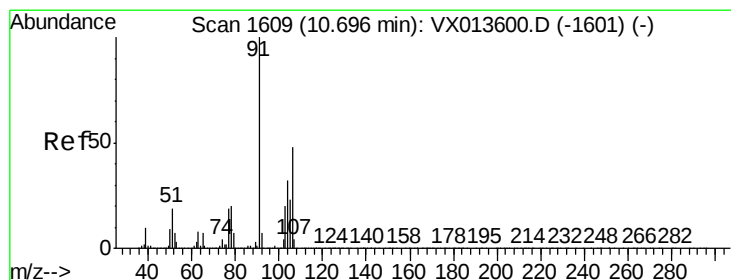
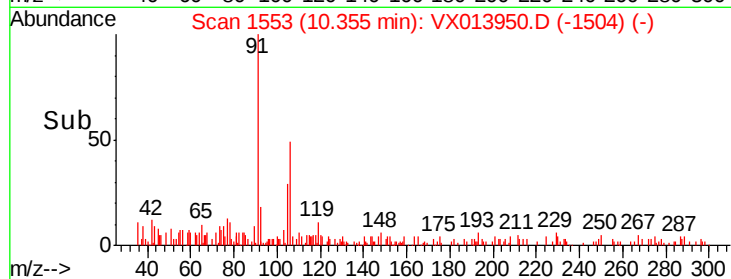
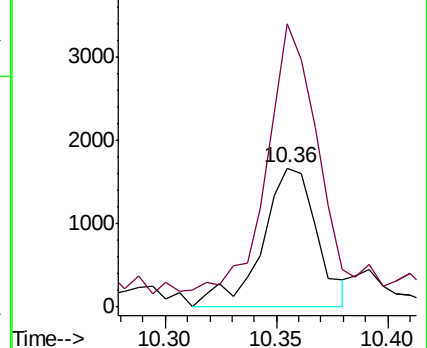
106 100

91 175.1 159.0 238.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.238 ug/l

RT: 10.69 min Scan# 1608

Delta R.T. -0.01 min

Lab File: VX013950.D

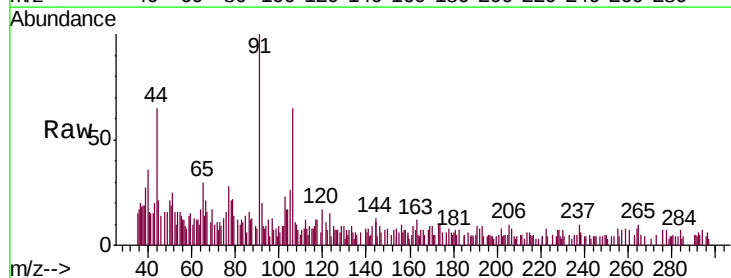
Acq: 11 Dec 2019 17:55

Tgt Ion:106 Resp: 2410

Ion Ratio Lower Upper

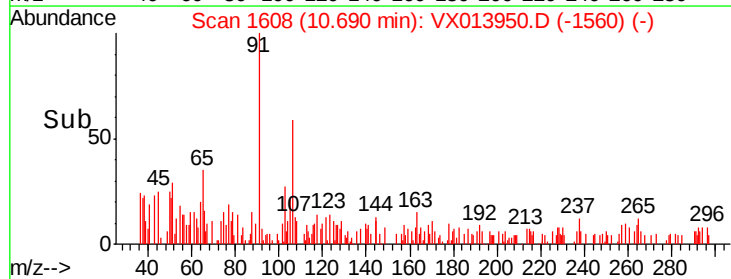
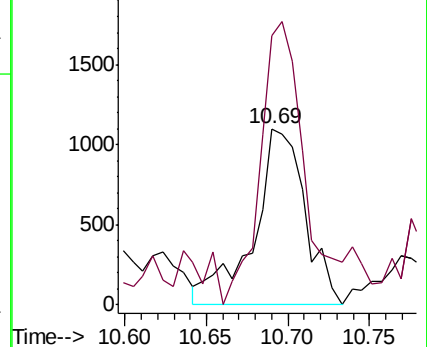
106 100

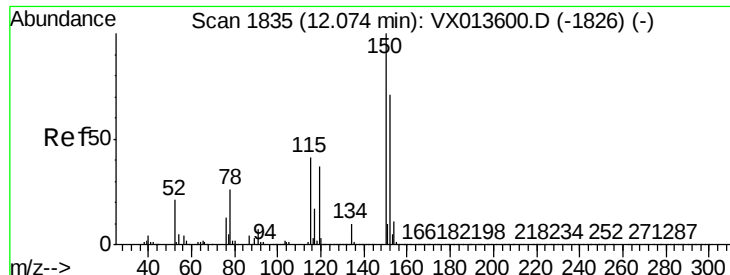
91 137.3 104.1 312.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



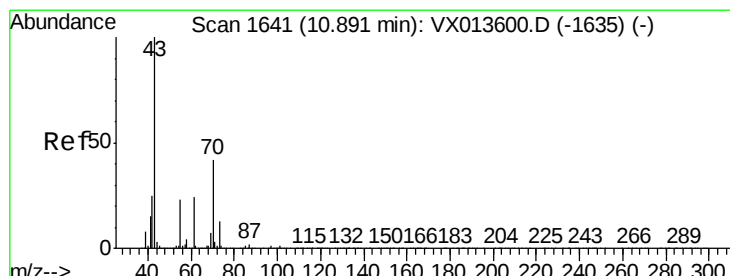
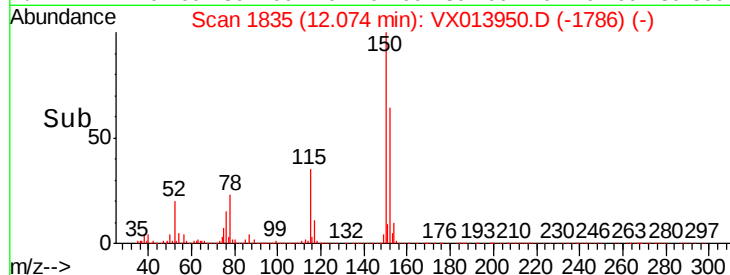
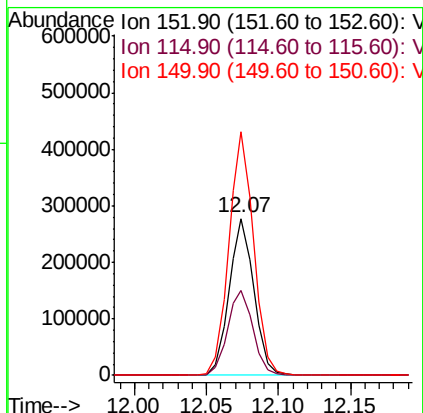
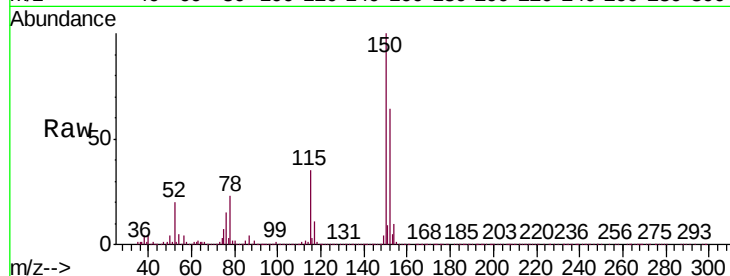


#72

1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.07 min Scan# 1835  
Delta R.T. 0.00 min  
Lab File: VX013950.D  
Acq: 11 Dec 2019 17:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-GW

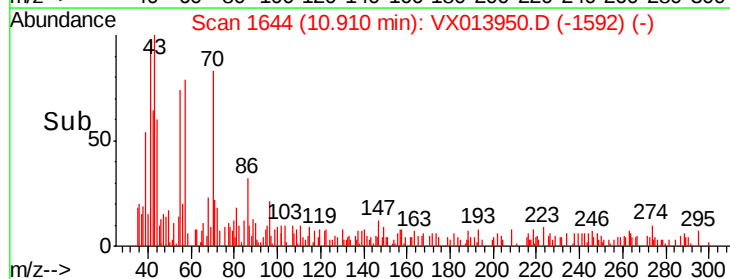
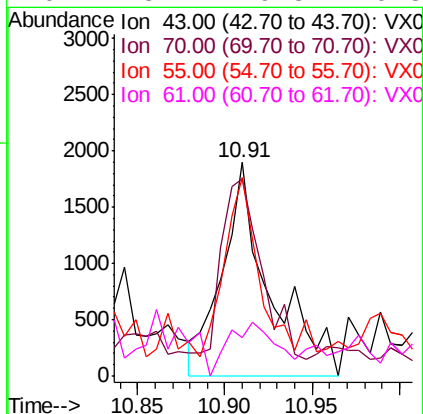
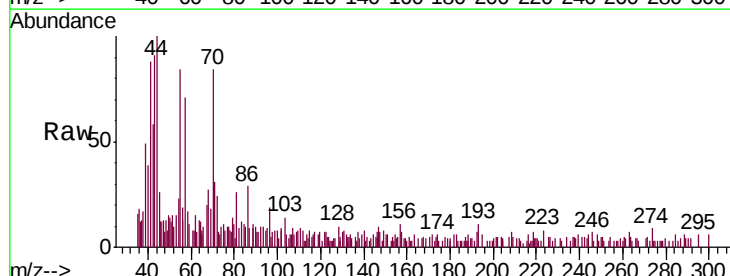
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 55.6  | 38.4  | 115.1 |
| 150     | 155.5 | 0.0   | 346.8 |

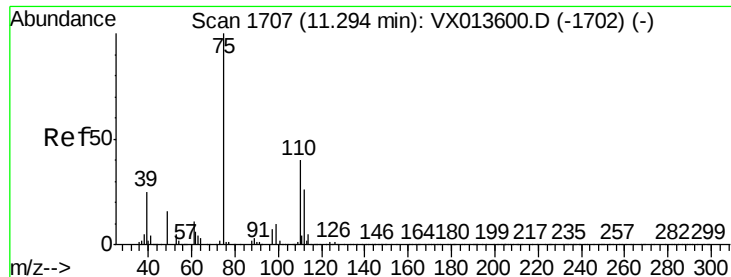


#74

N-ethyl acetate  
Concen: 0.336 ug/l  
RT: 10.91 min Scan# 1644  
Delta R.T. 0.02 min  
Lab File: VX013950.D  
Acq: 11 Dec 2019 17:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 75.0  | 34.3  | 51.5# |
| 55      | 61.3  | 18.5  | 27.7# |
| 61      | 25.4  | 19.8  | 29.8  |

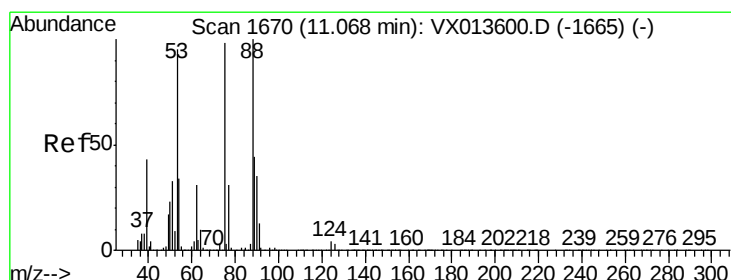
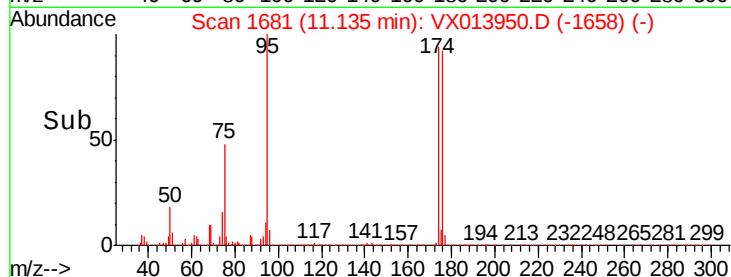
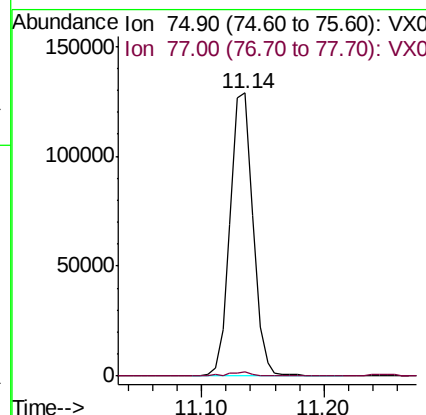
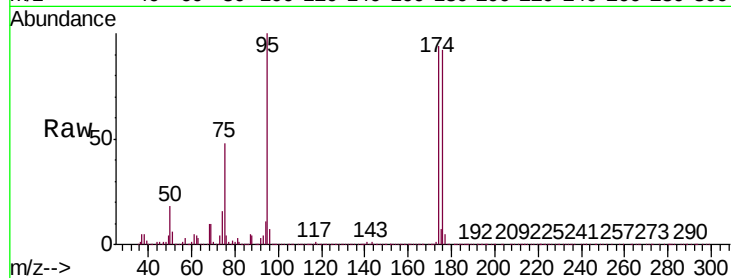




#76  
 1,2,3-Trichloropropane  
 Concen: 22.226 ug/l  
 RT: 11.14 min Scan# 1681  
 Delta R.T. -0.16 min  
 Lab File: VX013950.D  
 Acq: 11 Dec 2019 17:55

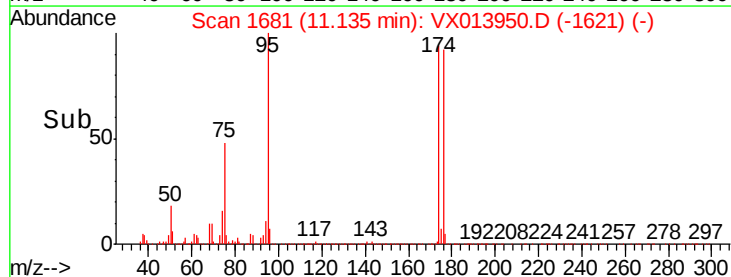
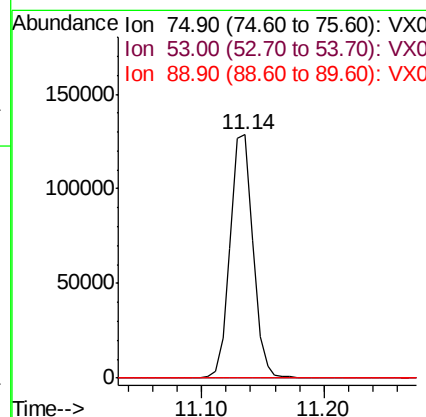
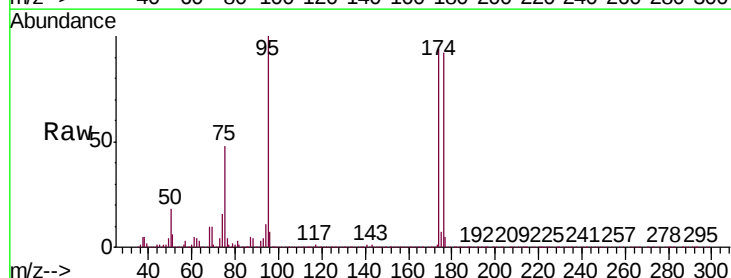
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WC-GW

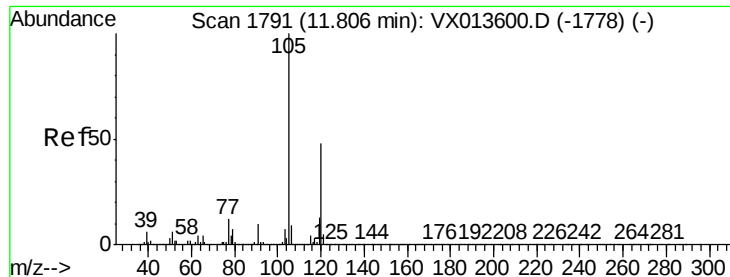
Tgt Ion: 75 Resp: 167058  
 Ion Ratio Lower Upper  
 75 100  
 77 1.2 19.1 57.5#



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 60.805 ug/l  
 RT: 11.14 min Scan# 1681  
 Delta R.T. 0.07 min  
 Lab File: VX013950.D  
 Acq: 11 Dec 2019 17:55

Tgt Ion: 75 Resp: 167058  
 Ion Ratio Lower Upper  
 75 100  
 53 0.1 78.2 117.2#  
 89 0.1 35.4 53.2#

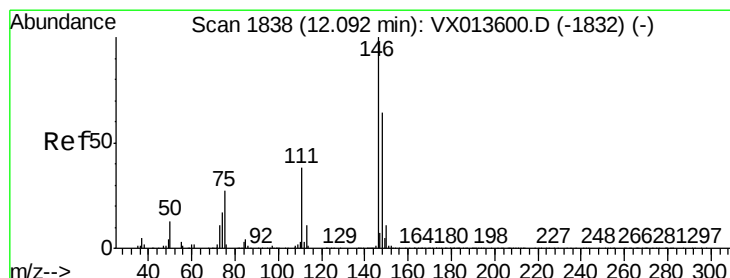
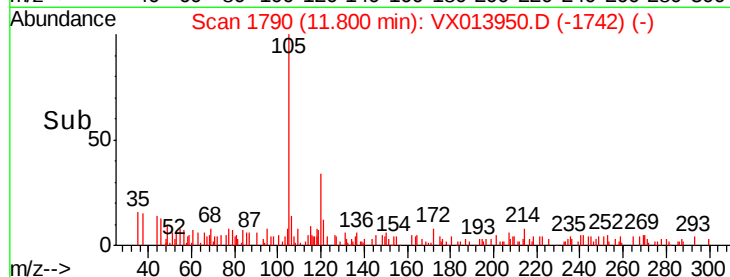
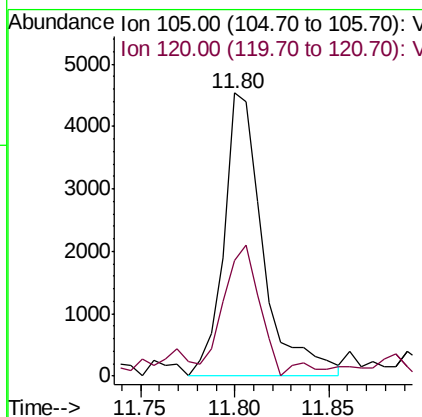
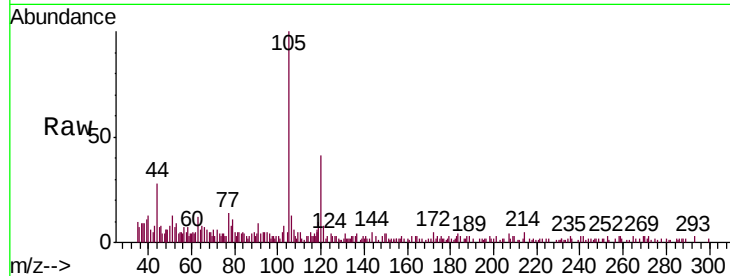




#84  
 1,2,4-Trimethylbenzene  
 Concen: 0.336 ug/l  
 RT: 11.80 min Scan# 1790  
 Delta R.T. -0.01 min  
 Lab File: VX013950.D  
 Acq: 11 Dec 2019 17:55

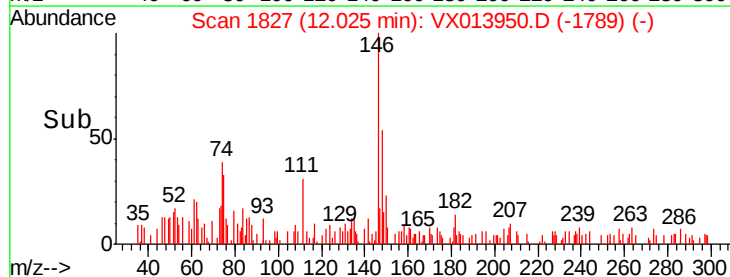
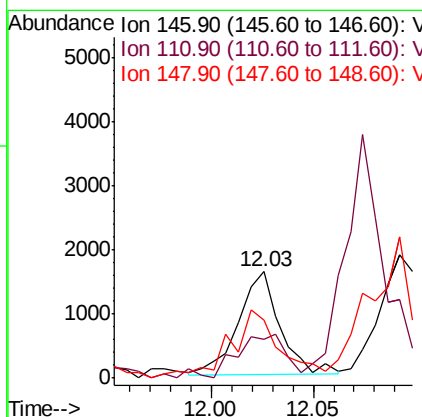
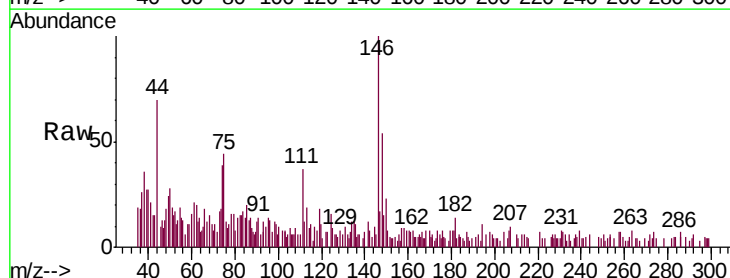
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WC-GW

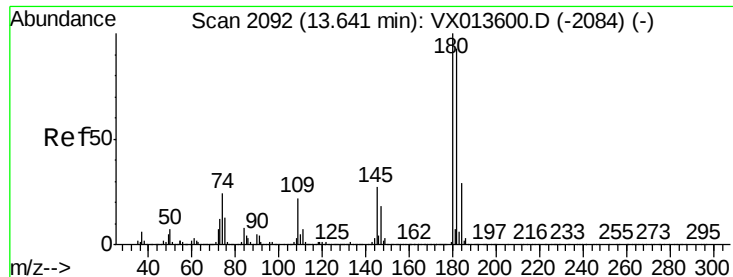
Tgt Ion:105 Resp: 6553  
 Ion Ratio Lower Upper  
 105 100  
 120 35.2 23.1 69.3



#88  
 1,4-Dichlorobenzene  
 Concen: 0.203 ug/l  
 RT: 12.03 min Scan# 1827  
 Delta R.T. -0.07 min  
 Lab File: VX013950.D  
 Acq: 11 Dec 2019 17:55

Tgt Ion:146 Resp: 2287  
 Ion Ratio Lower Upper  
 146 100  
 111 51.7 18.9 56.9  
 148 80.1 31.9 95.5

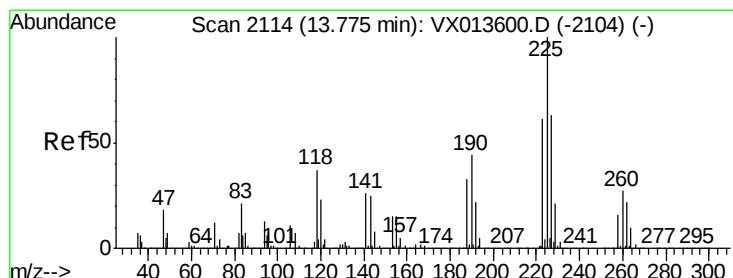
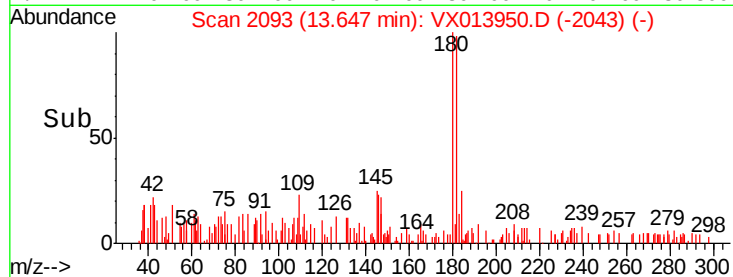
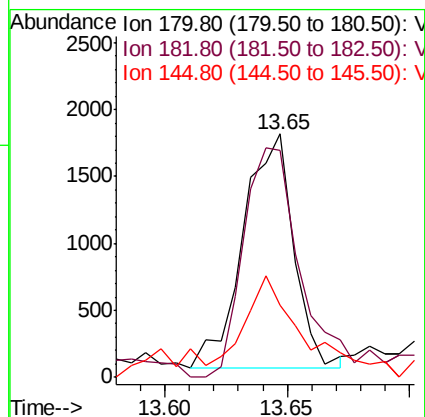
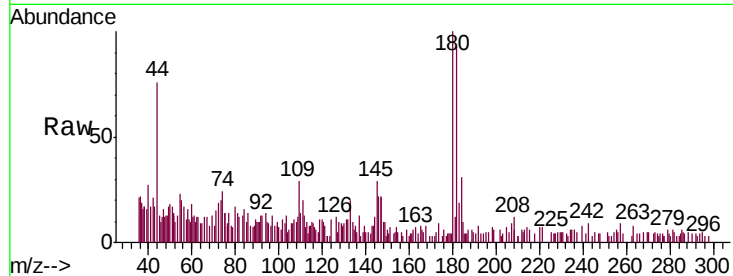




#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.331 ug/l  
 RT: 13.65 min Scan# 2093  
 Delta R.T. 0.01 min  
 Lab File: VX013950.D  
 Acq: 11 Dec 2019 17:55

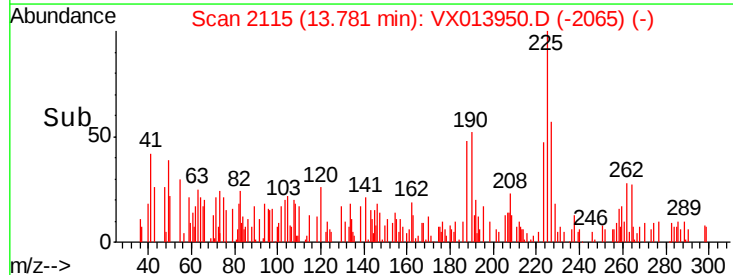
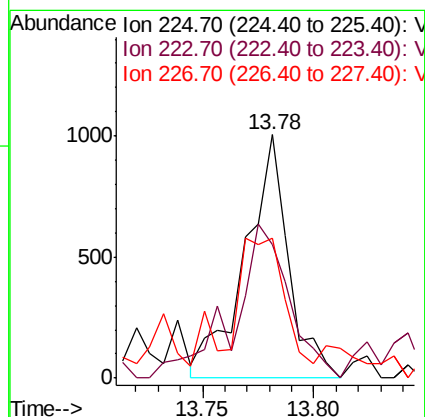
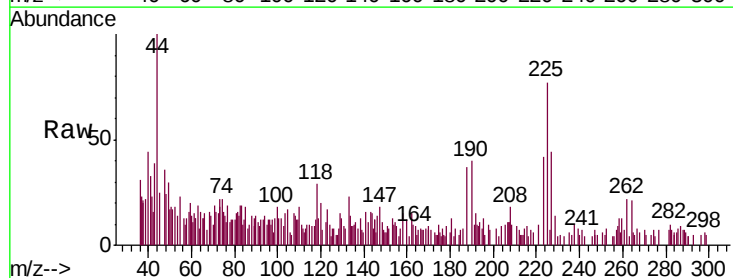
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 WC-GW

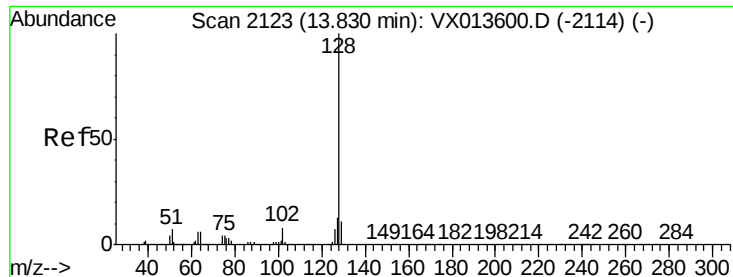
Tgt Ion:180 Resp: 2513  
 Ion Ratio Lower Upper  
 180 100  
 182 115.5 47.2 141.6  
 145 51.8 13.8 41.4#



#94  
 Hexachlorobutadiene  
 Concen: 0.376 ug/l  
 RT: 13.78 min Scan# 2115  
 Delta R.T. 0.01 min  
 Lab File: VX013950.D  
 Acq: 11 Dec 2019 17:55

Tgt Ion:225 Resp: 1374  
 Ion Ratio Lower Upper  
 225 100  
 223 81.3 31.9 95.5  
 227 72.1 32.1 96.3

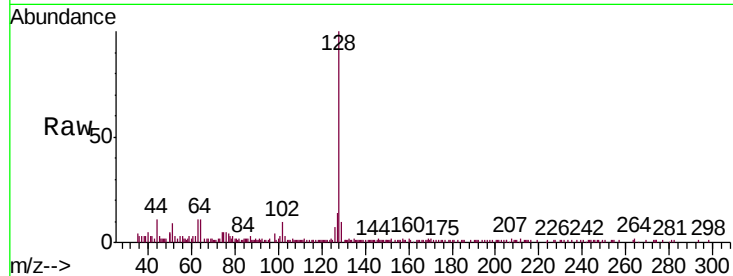




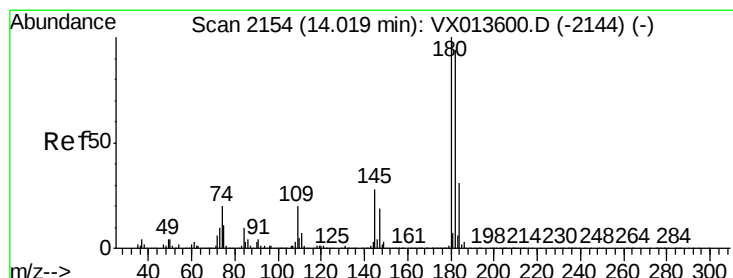
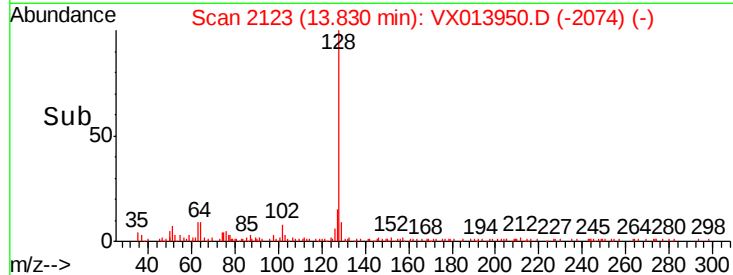
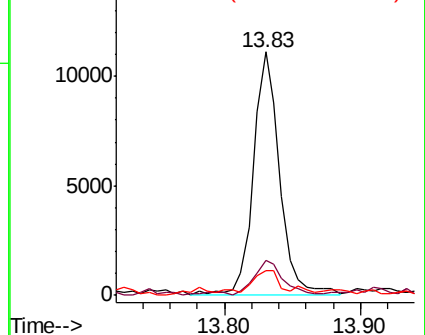
#95  
Naphthalene  
Concen: 0.668 ug/l  
RT: 13.83 min Scan# 2123  
Delta R.T. 0.00 min  
Lab File: VX013950.D  
Acq: 11 Dec 2019 17:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-GW

Tgt Ion:128 Resp: 15124  
Ion Ratio Lower Upper  
128 100  
127 16.0 10.3 15.5#  
129 10.4 8.7 13.1

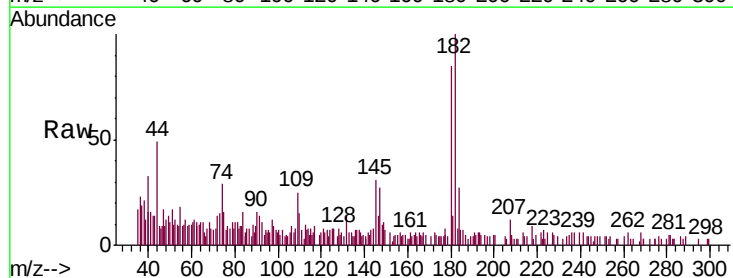


Abundance Ion 128.00 (127.70 to 128.70): V  
15000 Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 0.365 ug/l  
RT: 14.02 min Scan# 2154  
Delta R.T. 0.00 min  
Lab File: VX013950.D  
Acq: 11 Dec 2019 17:55

Tgt Ion:180 Resp: 2747  
Ion Ratio Lower Upper  
180 100  
182 116.6 47.6 142.8  
145 35.2 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V  
3000 Ion 181.80 (181.50 to 182.50): V  
Ion 144.90 (144.60 to 145.60): V

