

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040319\  
 Data File : VX008617.D  
 Acq On : 03 Apr 2019 16:57  
 Operator : JC/SP  
 Sample : K2241-08  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2019

Quant Time: Apr 04 04:54:46 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X040319W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 04 04:47:41 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 184083   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 309812   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 276790   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 122296   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 132047   | 49.18 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.36% |          |
| 35) Dibromofluoromethane    | 5.49  | 113  | 94093    | 47.50 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.00% |          |
| 50) Toluene-d8              | 8.71  | 98   | 388893   | 49.31 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.62% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 136537   | 48.82 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.64% |          |

| Target Compounds              | R.T. | QIon | Response | Conc      | Units | Qvalue |
|-------------------------------|------|------|----------|-----------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85   | 3764     | 1.776     | ug/l  | 93     |
| 3) Chloromethane              | 1.32 | 50   | 6535     | 0.856     | ug/l  | 99     |
| 4) Vinyl Chloride             | 1.40 | 62   | 5265     | 1.838     | ug/l  | 95     |
| 5) Bromomethane               | 1.64 | 94   | 5449     | 5.601     | ug/l  | 89     |
| 6) Chloroethane               | 1.70 | 64   | 3179     | Below Cal |       | 99     |
| 7) Trichlorofluoromethane     | 1.91 | 101  | 5943     | 1.877     | ug/l  | 96     |
| 8) Diethyl Ether              | 2.18 | 74   | 3026     | 2.015     | ug/l  | 93     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101  | 3768     | 1.848     | ug/l  | 97     |
| 10) Methyl Iodide             | 2.50 | 142  | 10123    | 9.019     | ug/l  | 98     |
| 11) Tert butyl alcohol        | 3.07 | 59   | 29957    | 47.658    | ug/l  | 100    |
| 12) 1,1-Dichloroethene        | 2.36 | 96   | 3743     | 1.759     | ug/l  | 91     |
| 13) Acrolein                  | 2.29 | 56   | 12684    | 40.695    | ug/l  | 99     |
| 14) Allyl chloride            | 2.72 | 41   | 8949     | 1.837     | ug/l  | 98     |
| 15) Acrylonitrile             | 3.15 | 53   | 15662    | 9.405     | ug/l  | 98     |
| 16) Acetone                   | 2.45 | 43   | 13742    | 8.886     | ug/l  | 99     |
| 17) Carbon Disulfide          | 2.56 | 76   | 11666    | 1.176     | ug/l  | 98     |
| 18) Methyl Acetate            | 2.78 | 43   | 7258     | 1.935     | ug/l  | 100    |
| 19) Methyl tert-butyl Ether   | 3.20 | 73   | 14290    | 1.880     | ug/l  | 99     |
| 20) Methylene Chloride        | 2.85 | 84   | 5602     | 2.164     | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96   | 4154     | 1.805     | ug/l  | 86     |
| 22) Diisopropyl ether         | 3.86 | 45   | 17849    | 1.901     | ug/l  | 96     |
| 23) Vinyl Acetate             | 3.81 | 43   | 70751    | 8.661     | ug/l  | 96     |
| 24) 1,1-Dichloroethane        | 3.69 | 63   | 8889     | 1.912     | ug/l  | 99     |
| 25) 2-Butanone                | 4.69 | 43   | 22090    | 9.038     | ug/l  | 99     |
| 26) 2,2-Dichloropropane       | 4.57 | 77   | 5652     | 1.726     | ug/l  | 95     |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96   | 4993     | 1.887     | ug/l  | 97     |
| 28) Bromochloromethane        | 5.01 | 49   | 4600     | Below Cal | #     | 97     |
| 29) Tetrahydrofuran           | 5.13 | 42   | 15012    | 9.254     | ug/l  | 97     |
| 30) Chloroform                | 5.20 | 83   | 7641     | 1.840     | ug/l  | 93     |
| 31) Cyclohexane               | 5.58 | 56   | 8400     | 1.811     | ug/l  | 96     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97   | 6047     | 1.802     | ug/l  | 98     |
| 36) 1,1-Dichloropropene       | 5.79 | 75   | 5838     | 1.724     | ug/l  | 92     |
| 37) Ethyl Acetate             | 4.84 | 43   | 8081     | 1.788     | ug/l  | # 90   |
| 38) Carbon Tetrachloride      | 5.78 | 117  | 4888     | 1.744     | ug/l  | 91     |

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 Sample : K2241-08  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2019

Quant Time: Apr 04 04:54:46 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X040319W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 04 04:47:41 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 7565     | 1.808  | ug/l   | 98       |
| 40) Benzene                    | 6.14  | 78   | 18830    | 1.866  | ug/l   | 98       |
| 41) Methacrylonitrile          | 5.06  | 41   | 4728     | 1.820  | ug/l # | 90       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 7396     | 2.045  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.45  | 43   | 12762    | 1.802  | ug/l   | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 4263     | 1.814  | ug/l   | 91       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 5306     | 1.843  | ug/l   | 93       |
| 46) Dibromomethane             | 7.67  | 93   | 3089     | 1.850  | ug/l   | 96       |
| 47) Bromodichloromethane       | 7.90  | 83   | 5169     | 1.641  | ug/l # | 97       |
| 48) Methyl methacrylate        | 7.77  | 41   | 6670     | 1.862  | ug/l   | 95       |
| 49) 1,4-Dioxane                | 7.75  | 88   | 2712     | 40.417 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 41658    | 9.139  | ug/l   | 100      |
| 52) Toluene                    | 8.78  | 92   | 11380    | 1.913  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 5591     | 1.585  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.44  | 75   | 6399     | 1.588  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 4572     | 1.915  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 7673     | 1.776  | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 8138     | 1.898  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 20670    | 9.371  | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.49  | 43   | 31440    | 8.875  | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.58  | 129  | 3632     | 1.614  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 4186     | 1.684  | ug/l   | 90       |
| 64) Tetrachloroethene          | 9.34  | 164  | 3685     | 1.797  | ug/l   | 96       |
| 65) Chlorobenzene              | 10.13 | 112  | 11443    | 1.865  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 3492     | 1.622  | ug/l # | 63       |
| 67) Ethyl Benzene              | 10.25 | 91   | 20568    | 1.798  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.35 | 106  | 14768    | 3.590  | ug/l   | 98       |
| 69) o-Xylene                   | 10.69 | 106  | 7122     | 1.787  | ug/l   | 100      |
| 70) Styrene                    | 10.71 | 104  | 11620    | 1.691  | ug/l   | 97       |
| 71) Bromoform                  | 10.86 | 173  | 2423     | 1.474  | ug/l # | 95       |
| 73) Isopropylbenzene           | 11.02 | 105  | 18805    | 1.855  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 9918     | 1.663  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 7485     | 1.942  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 7517     | 2.237  | ug/l   | 83       |
| 77) Bromobenzene               | 11.26 | 156  | 4783     | 1.963  | ug/l   | 97       |
| 78) n-propylbenzene            | 11.36 | 91   | 20725    | 1.756  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 12902    | 1.807  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 15598    | 1.833  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75   | 69971    | 57.411 | ug/l # | 9        |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 15148    | 1.832  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 15026    | 1.836  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 15796    | 1.834  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 18008    | 1.852  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 15190    | 1.741  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 8023     | 1.839  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.02 | 146  | 8023     | 1.816  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.38 | 91   | 13415    | 1.639  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.59 | 117  | 2386     | 1.649  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 8052     | 1.859  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 1471     | 1.735  | ug/l   | 89       |

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Operator : JC/SP  
Sample : K2241-08  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 14 Sample Multiplier: 1

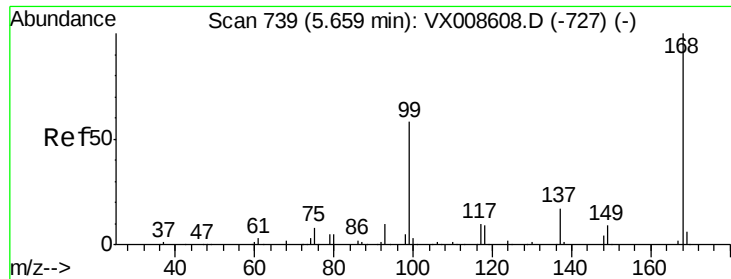
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2019

Quant Time: Apr 04 04:54:46 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X040319W.M  
Quant Title : SW846 8260  
QLast Update : Thu Apr 04 04:47:41 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 4939     | 1.640 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 2658     | 1.841 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 17073    | 1.696 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 5081     | 1.689 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008617.D

Acq: 03 Apr 2019 16:57

Instrument :

MSVOA\_X

ClientSampleId :

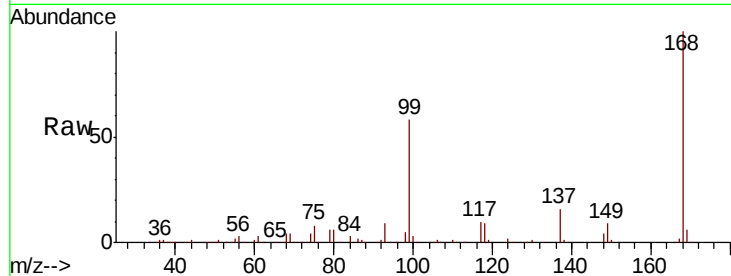
LOQ-WATER-02-QT2-2019

Tot Ion:168 Resp: 184083

Ion Ratio Lower Upper

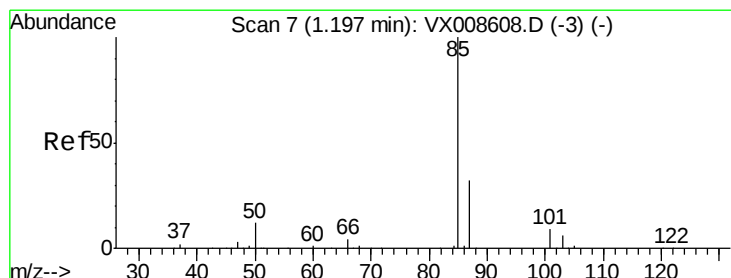
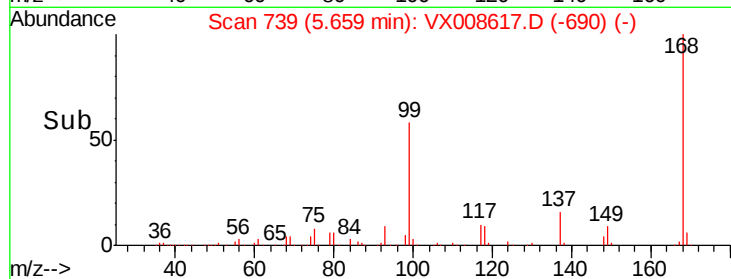
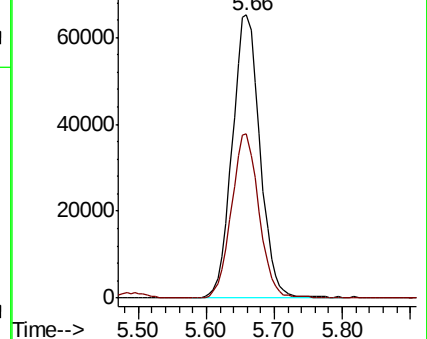
168 100

99 58.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 1.776 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008617.D

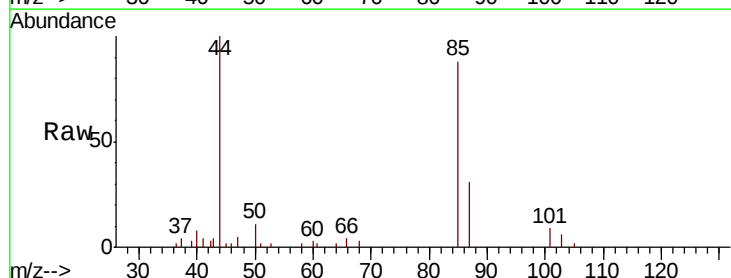
Acq: 03 Apr 2019 16:57

Tgt Ion: 85 Resp: 3764

Ion Ratio Lower Upper

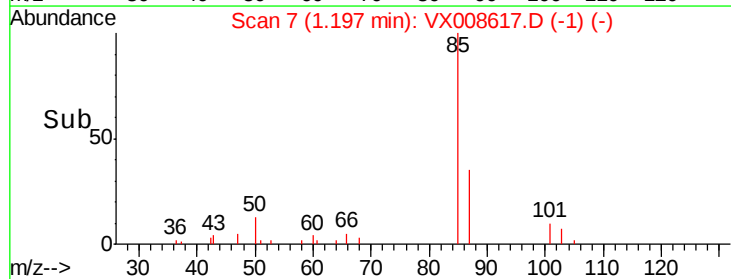
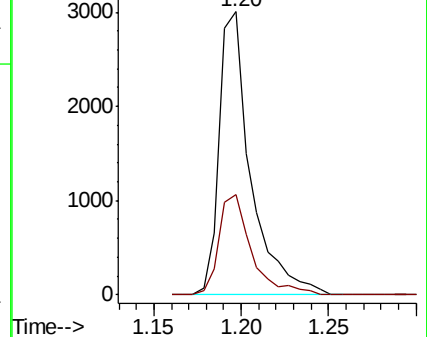
85 100

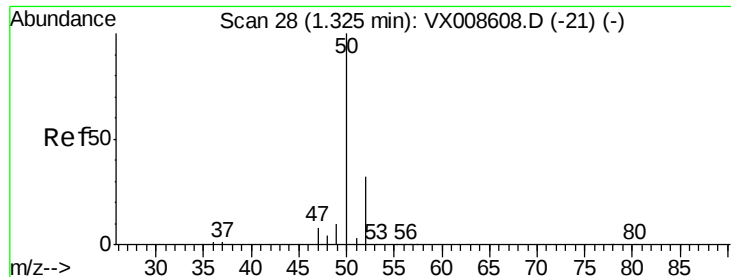
87 35.4 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.856 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008617.D

Acq: 03 Apr 2019 16:57

Instrument :

MSVOA\_X

ClientSampleId :

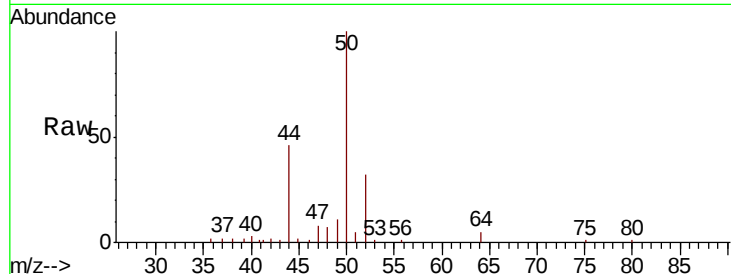
LOQ-WATER-02-QT2-2019

Tot Ion: 50 Resp: 6535

Ion Ratio Lower Upper

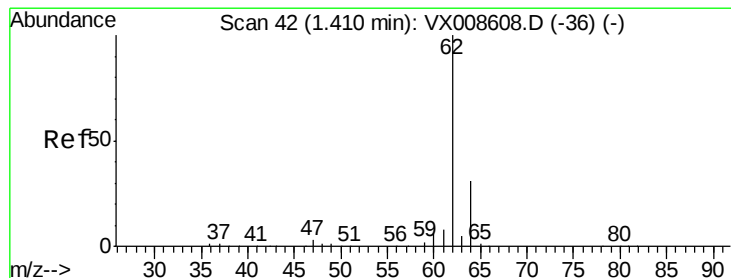
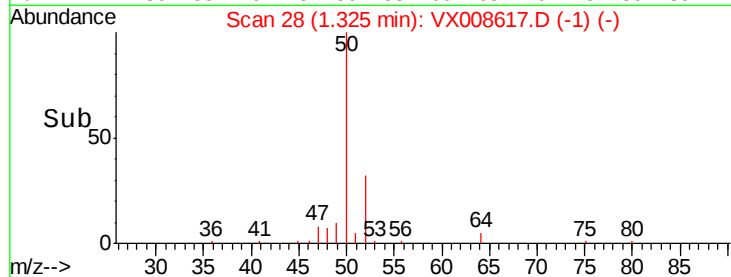
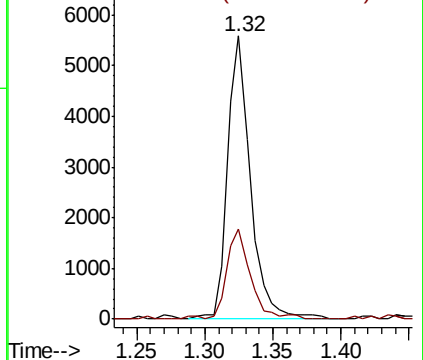
50 100

52 31.7 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.838 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008617.D

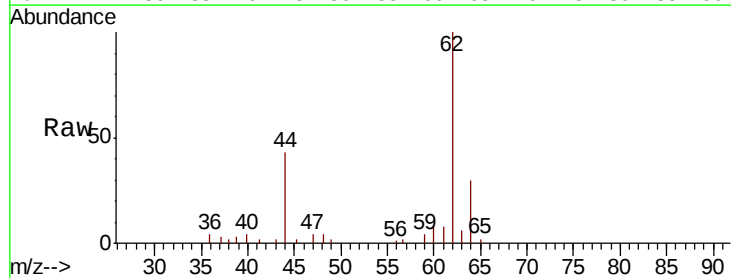
Acq: 03 Apr 2019 16:57

Tgt Ion: 62 Resp: 5265

Ion Ratio Lower Upper

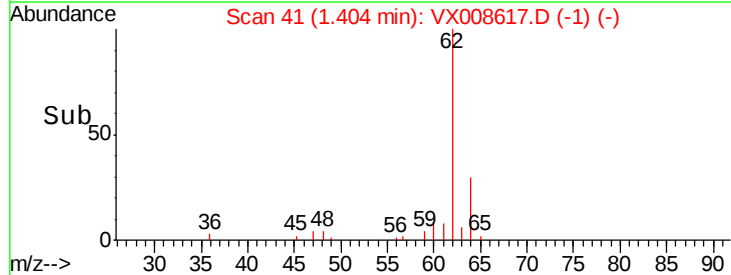
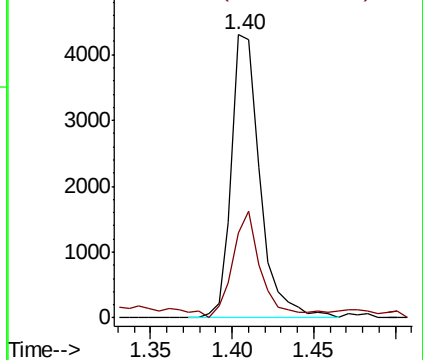
62 100

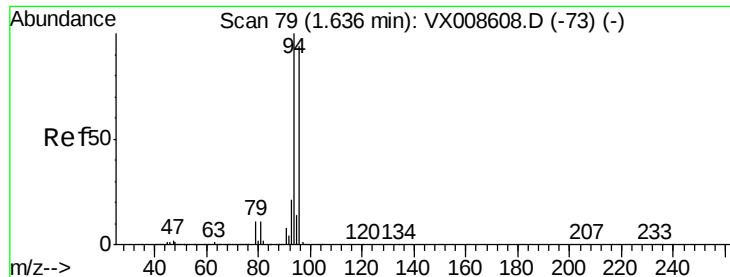
64 27.9 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 5.601 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008617.D

Acq: 03 Apr 2019 16:57

Instrument :

MSVOA\_X

ClientSampleId :

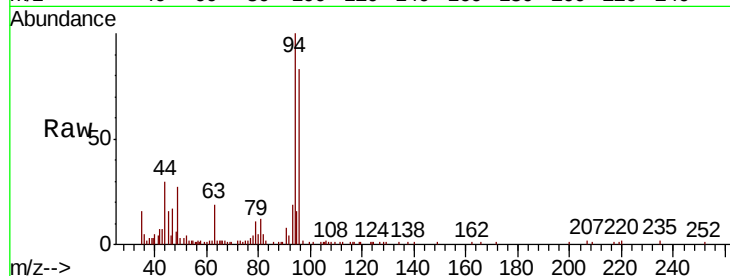
LOQ-WATER-02-QT2-2019

Tot Ion: 94 Resp: 5449

Ion Ratio Lower Upper

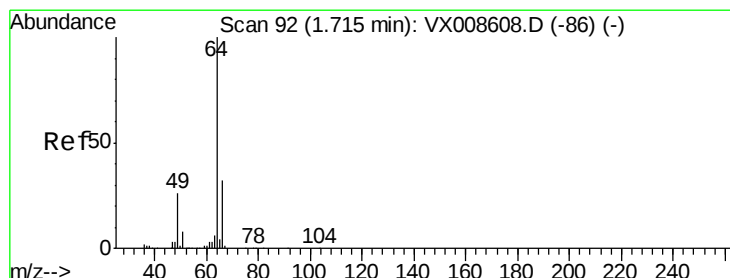
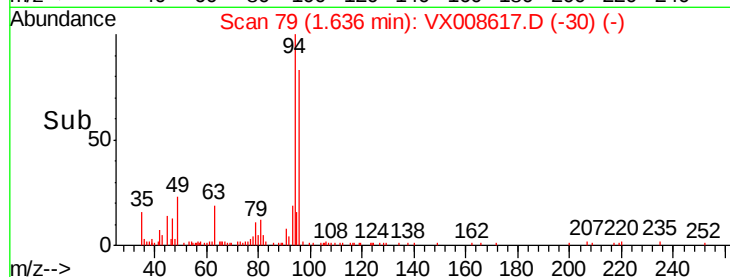
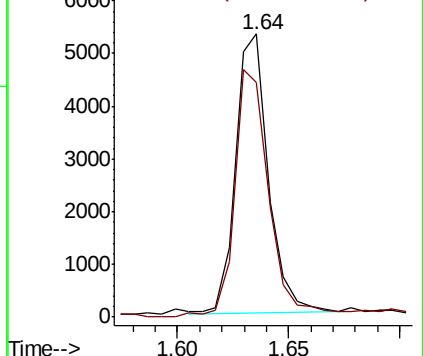
94 100

96 83.2 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX008617.D

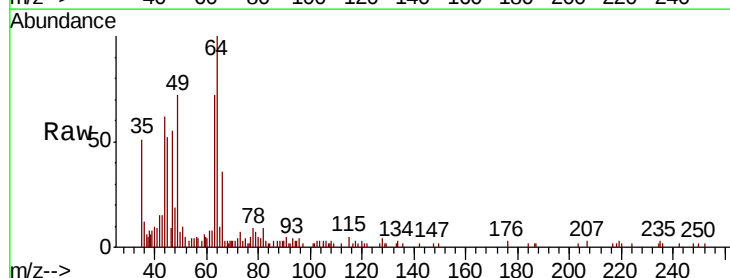
Acq: 03 Apr 2019 16:57

Tgt Ion: 64 Resp: 3179

Ion Ratio Lower Upper

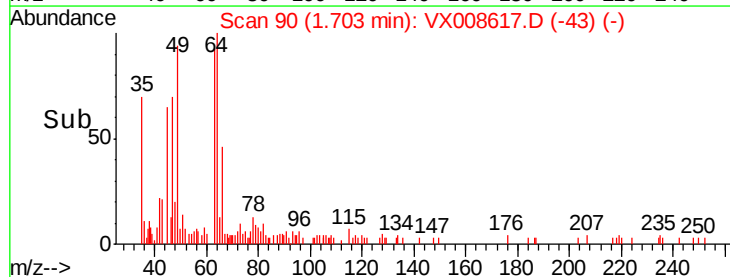
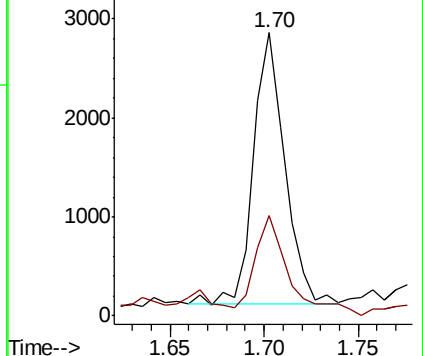
64 100

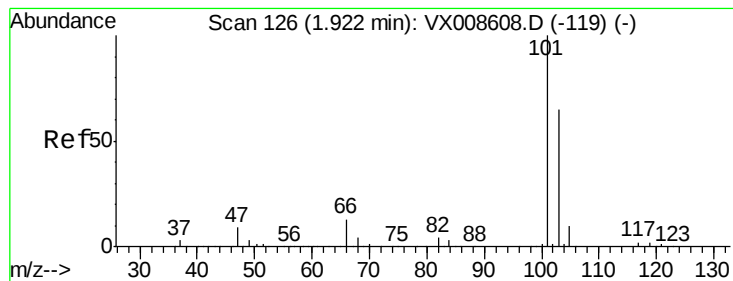
66 32.5 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 1.877 ug/l

RT: 1.91 min Scan# 124

Delta R.T. -0.01 min

Lab File: VX008617.D

Acq: 03 Apr 2019 16:57

Instrument :

MSVOA\_X

ClientSampleId :

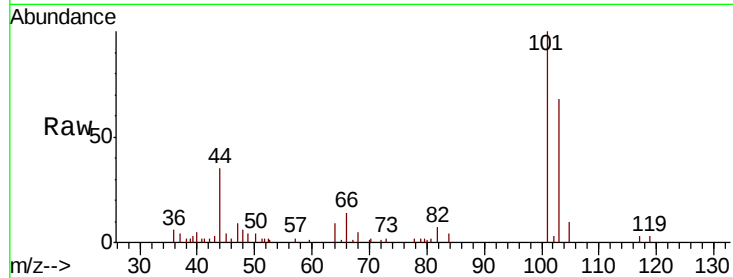
LOQ-WATER-02-QT2-2019

Tot Ion:101 Resp: 5943

Ion Ratio Lower Upper

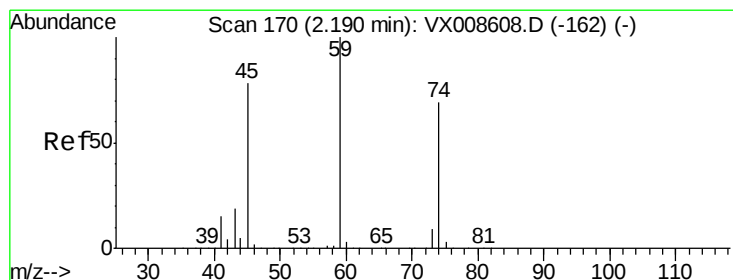
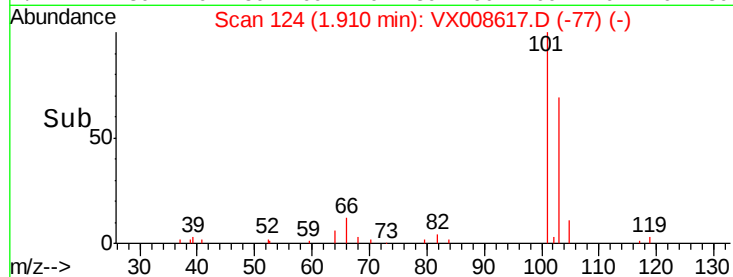
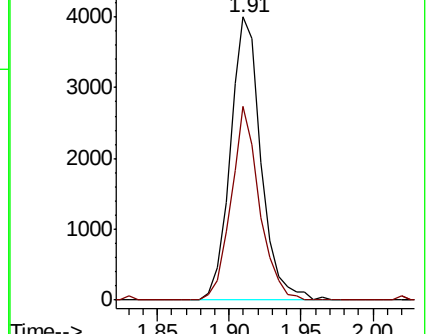
101 100

103 68.5 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 2.015 ug/l

RT: 2.18 min Scan# 169

Delta R.T. -0.01 min

Lab File: VX008617.D

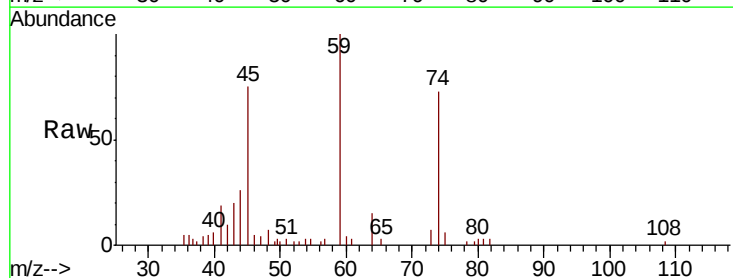
Acq: 03 Apr 2019 16:57

Tgt Ion: 74 Resp: 3026

Ion Ratio Lower Upper

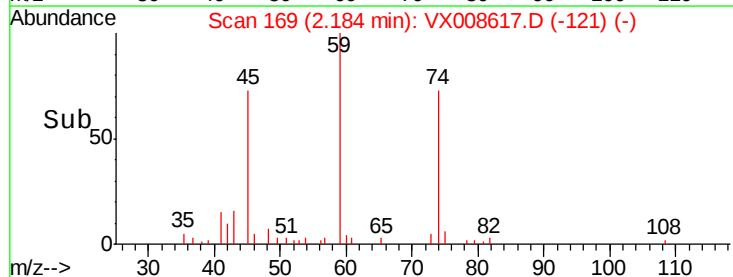
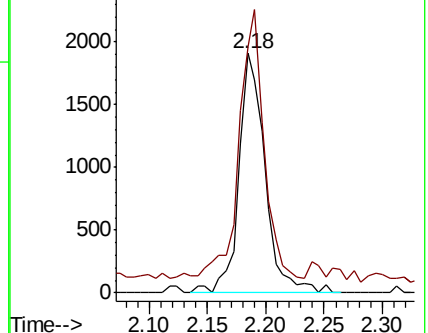
74 100

45 105.2 56.5 169.5



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.848 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX008617.D

Acq: 03 Apr 2019 16:57

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT2-2019

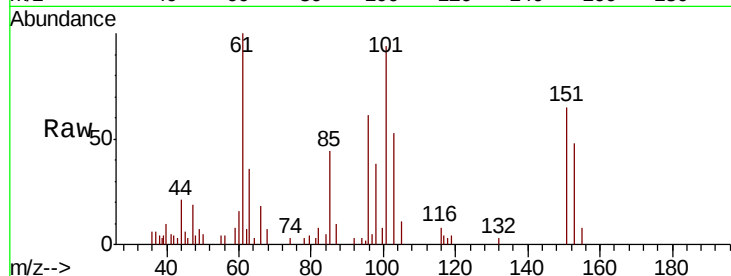
Tot Ion:101 Resp: 3768

Ion Ratio Lower Upper

101 100

85 47.5 36.0 54.0

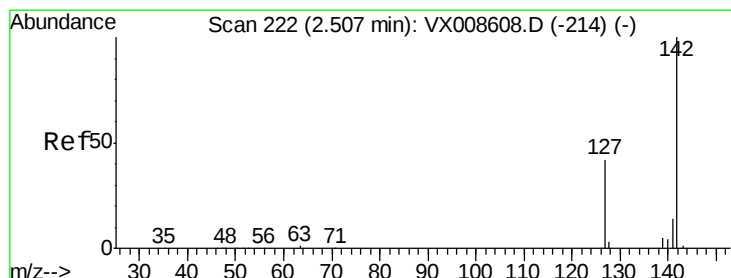
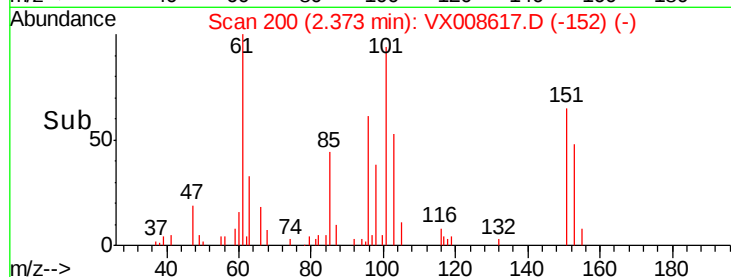
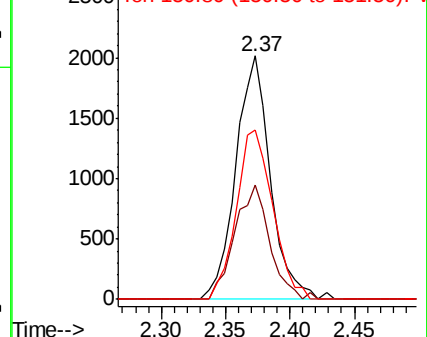
151 72.8 59.9 89.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 9.019 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.01 min

Lab File: VX008617.D

Acq: 03 Apr 2019 16:57

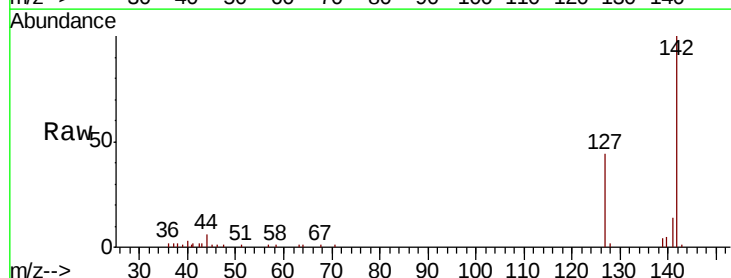
Tgt Ion:142 Resp: 10123

Ion Ratio Lower Upper

142 100

127 42.2 33.0 49.6

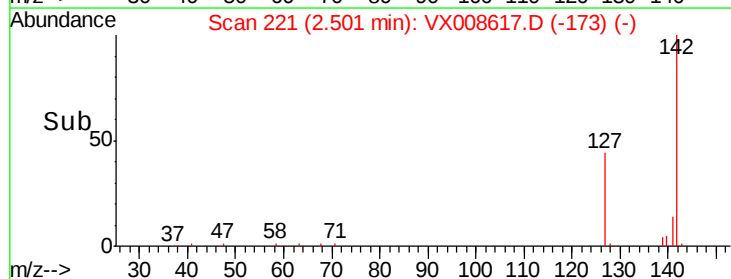
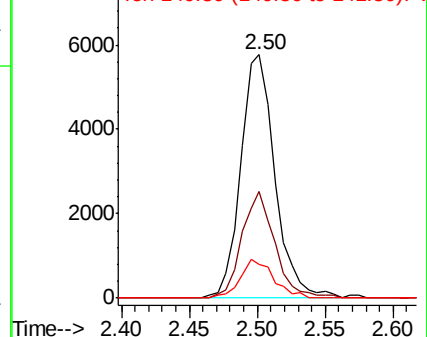
141 15.6 11.4 17.2

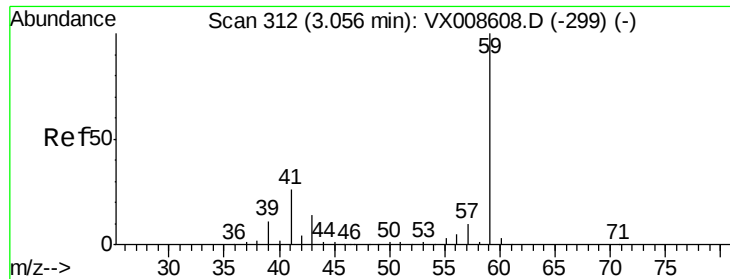


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

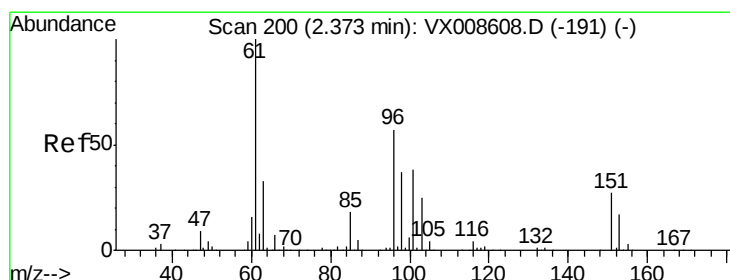
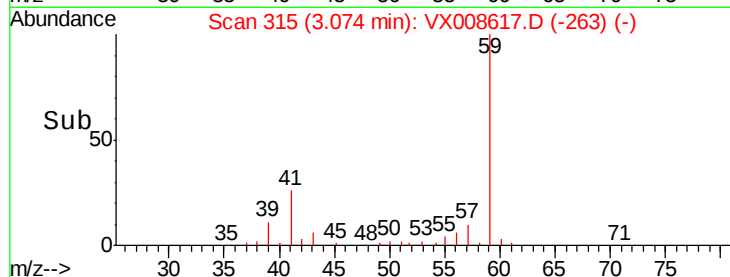
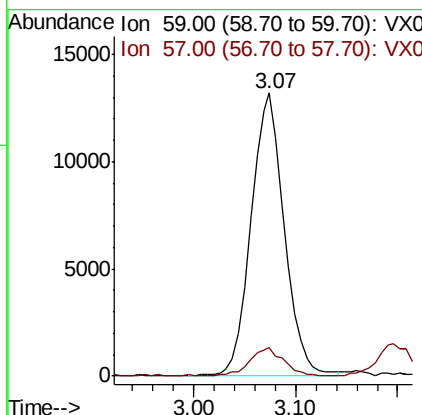
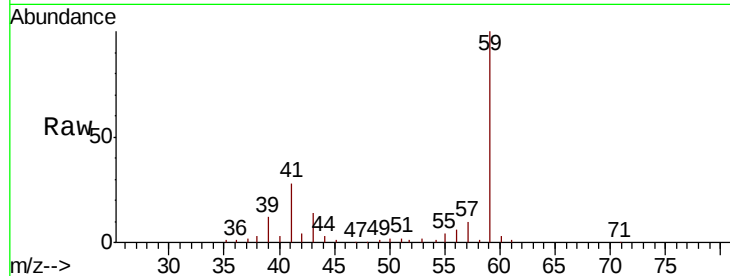




#11  
Tert butyl alcohol  
Concen: 47.658 ug/l  
RT: 3.07 min Scan# 315  
Delta R.T. 0.02 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

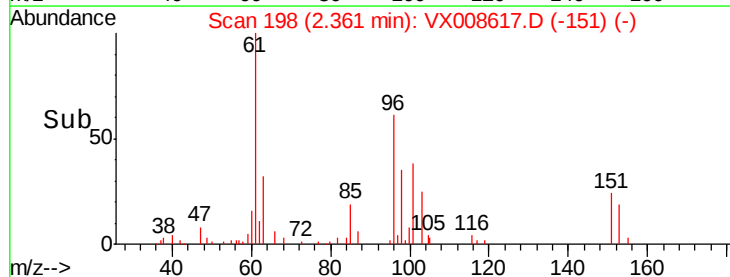
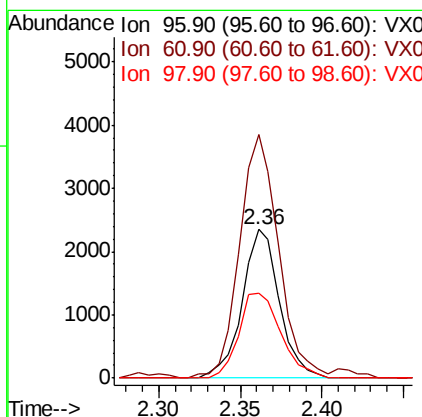
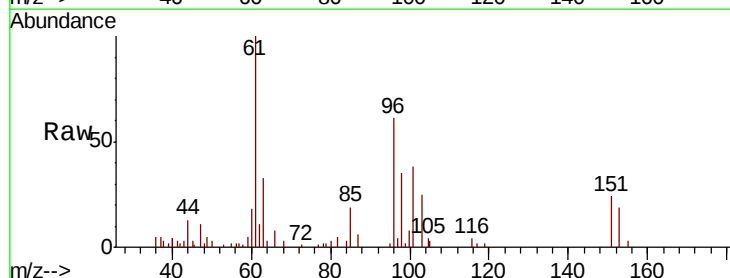
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2019

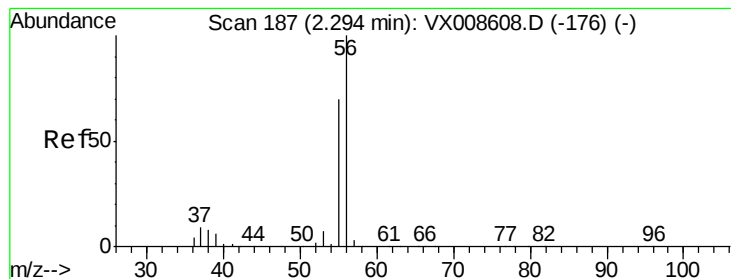
Tot Ion: 59 Resp: 29957  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 1.759 ug/l  
RT: 2.36 min Scan# 198  
Delta R.T. -0.01 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

Tgt Ion: 96 Resp: 3743  
Ion Ratio Lower Upper  
96 100  
61 164.0 140.9 211.3  
98 57.0 52.1 78.1





#13

Acrolein

Concen: 40.695 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008617.D

Acq: 03 Apr 2019 16:57

Instrument :

MSVOA\_X

ClientSampleId :

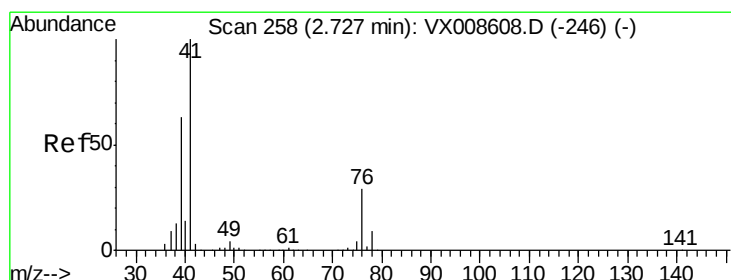
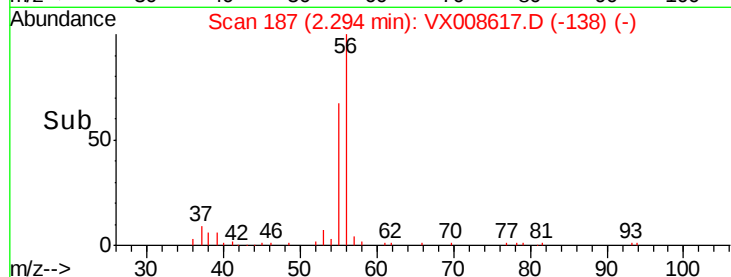
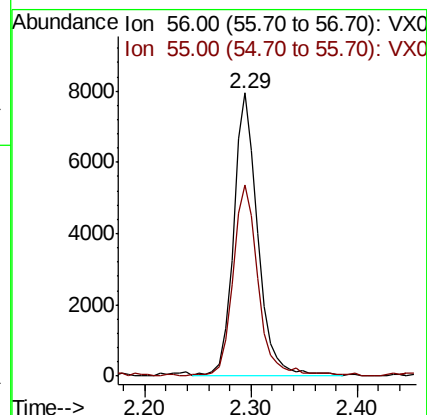
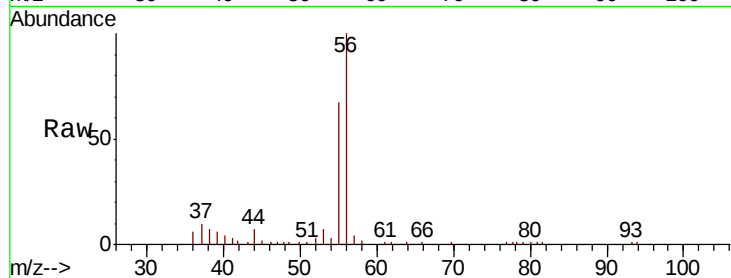
LOQ-WATER-02-QT2-2019

Tot Ion: 56 Resp: 12684

Ion Ratio Lower Upper

56 100

55 71.3 58.0 87.0



#14

Allyl chloride

Concen: 1.837 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008617.D

Acq: 03 Apr 2019 16:57

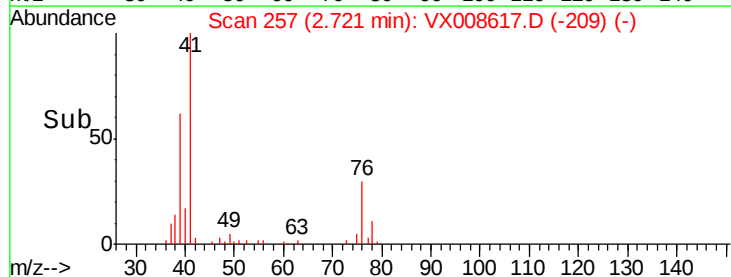
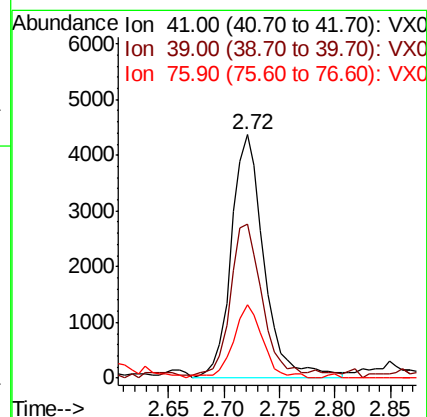
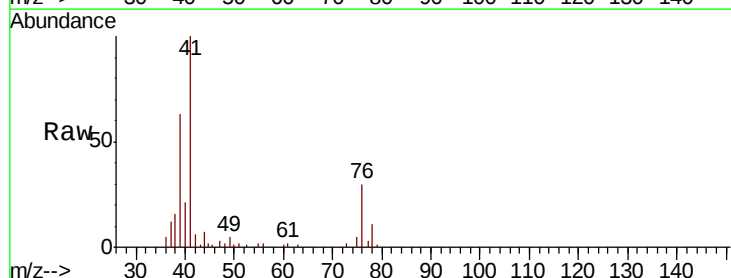
Tgt Ion: 41 Resp: 8949

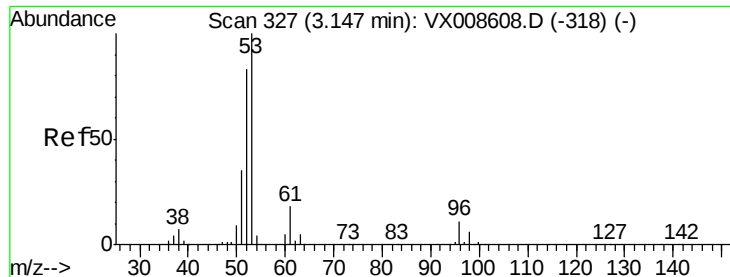
Ion Ratio Lower Upper

41 100

39 58.1 48.0 72.0

76 27.2 22.0 33.0





#15

Acrylonitrile

Concen: 9.405 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX008617.D

Acq: 03 Apr 2019 16:57

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT2-2019

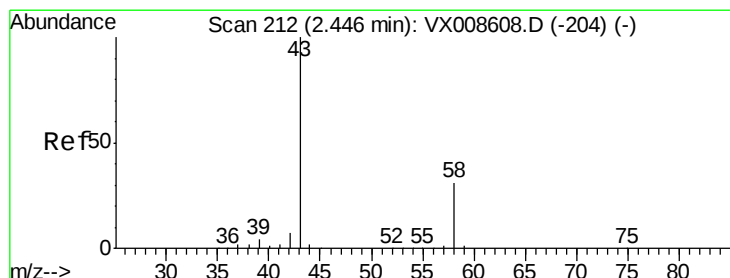
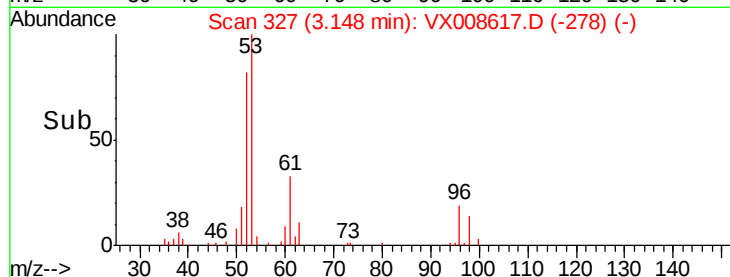
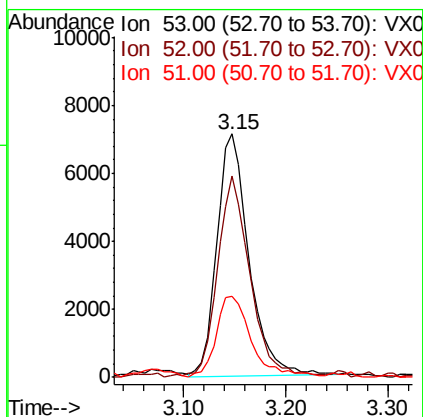
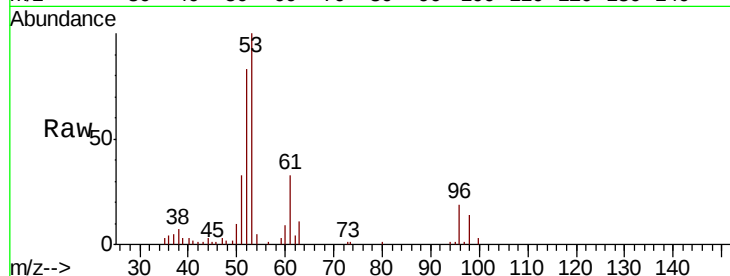
Tot Ion: 53 Resp: 15662

Ion Ratio Lower Upper

53 100

52 84.7 66.5 99.7

51 36.7 28.6 42.8



#16

Acetone

Concen: 8.886 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX008617.D

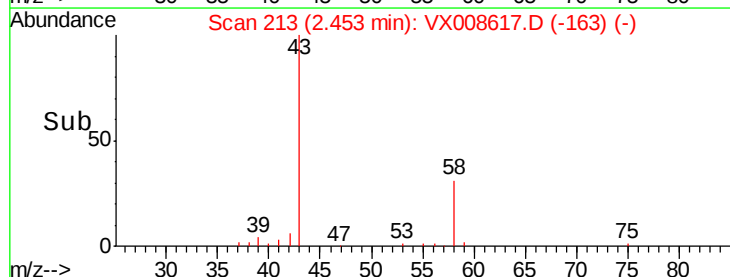
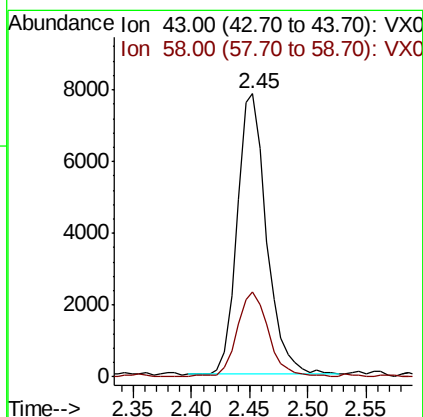
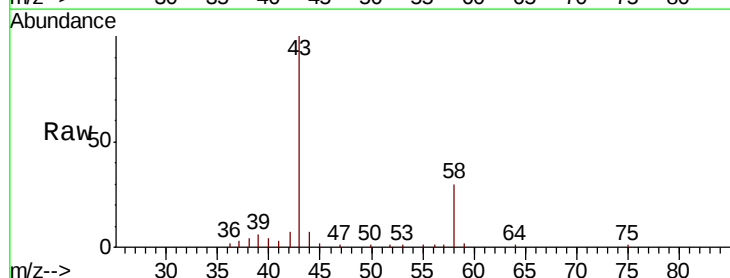
Acq: 03 Apr 2019 16:57

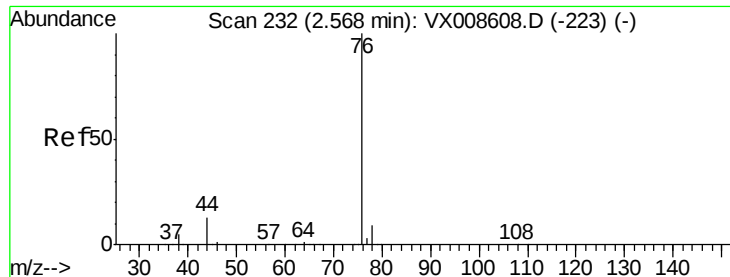
Tgt Ion: 43 Resp: 13742

Ion Ratio Lower Upper

43 100

58 30.4 24.8 37.2

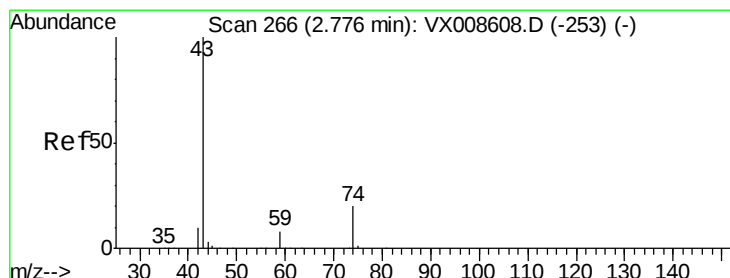
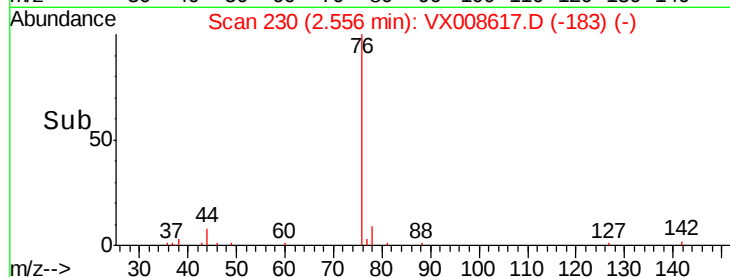
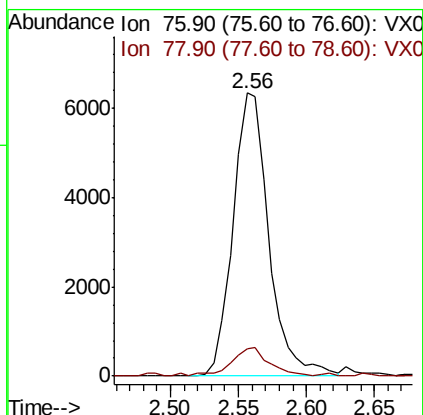
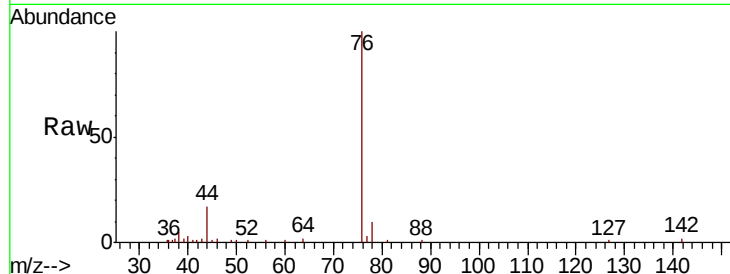




#17  
Carbon Disulfide  
Concen: 1.176 ug/l  
RT: 2.56 min Scan# 230  
Delta R.T. -0.01 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

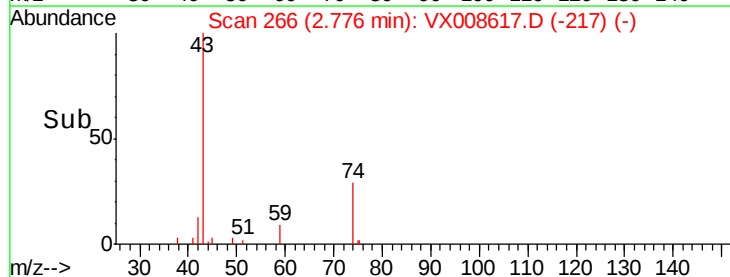
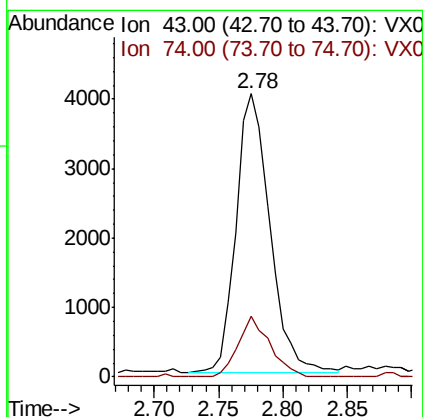
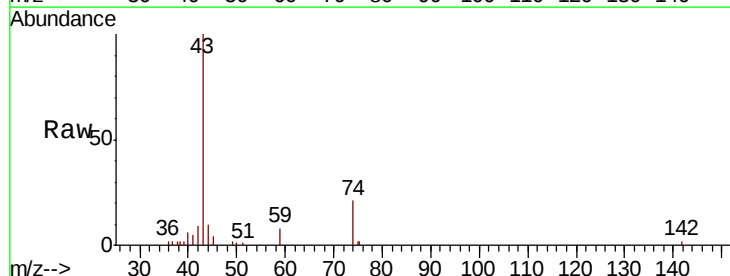
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2019

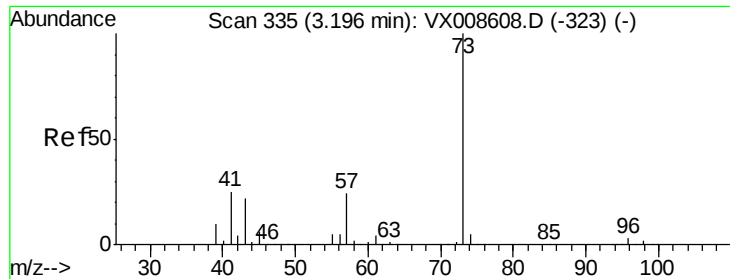
Tot Ion: 76 Resp: 11666  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.1 10.7



#18  
Methyl Acetate  
Concen: 1.935 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. 0.00 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

Tgt Ion: 43 Resp: 7258  
Ion Ratio Lower Upper  
43 100  
74 20.5 16.5 24.7



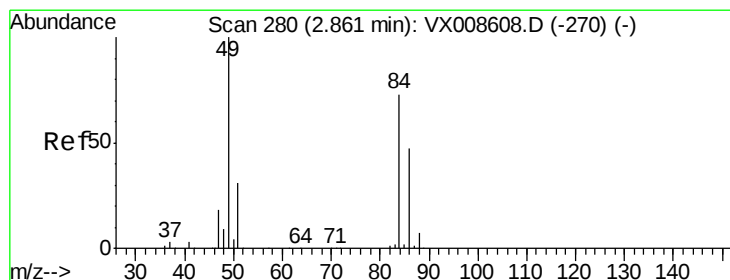
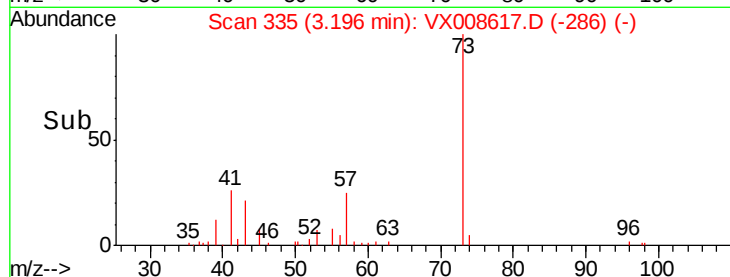
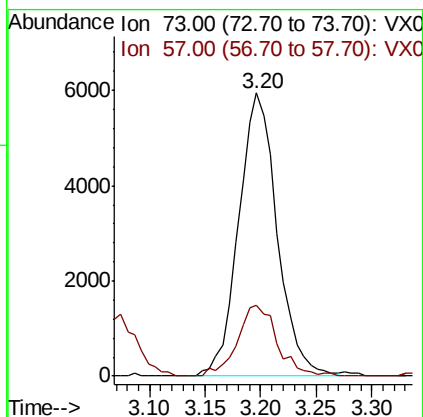
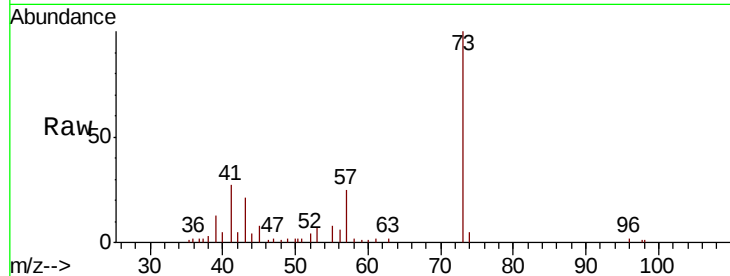


#19

Methvl tert-butvl Ether  
 Concen: 1.880 ug/l  
 RT: 3.20 min Scan# 335  
 Delta R.T. 0.00 min  
 Lab File: VX008617.D  
 Acq: 03 Apr 2019 16:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2019

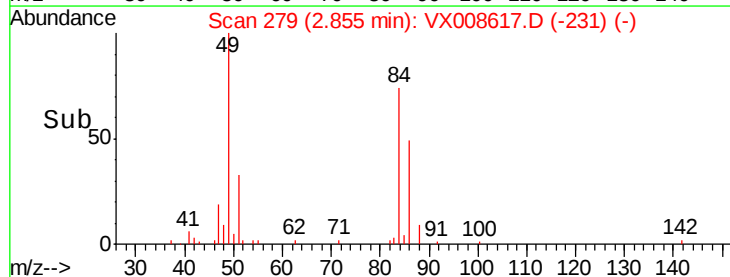
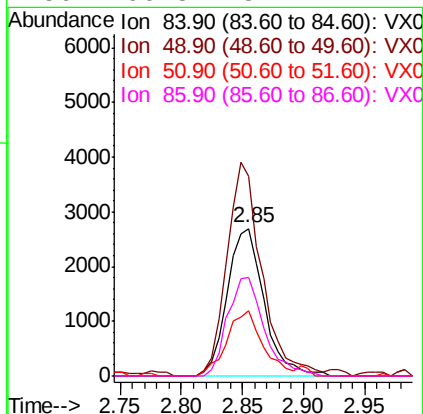
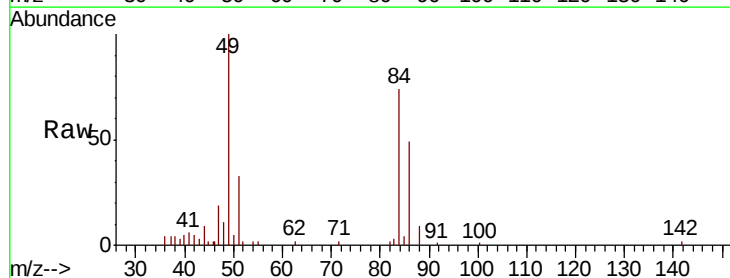
Tot Ion: 73 Resp: 14290  
 Ion Ratio Lower Upper  
 73 100  
 57 25.0 19.5 29.3

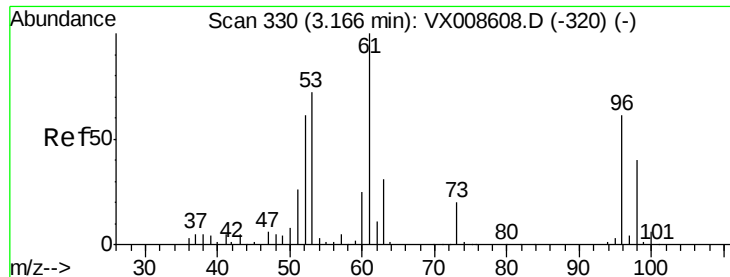


#20

Methylene Chloride  
 Concen: 2.164 ug/l  
 RT: 2.85 min Scan# 279  
 Delta R.T. -0.01 min  
 Lab File: VX008617.D  
 Acq: 03 Apr 2019 16:57

Tgt Ion: 84 Resp: 5602  
 Ion Ratio Lower Upper  
 84 100  
 49 135.1 109.7 164.5  
 51 44.3 33.6 50.4  
 86 66.8 51.4 77.2

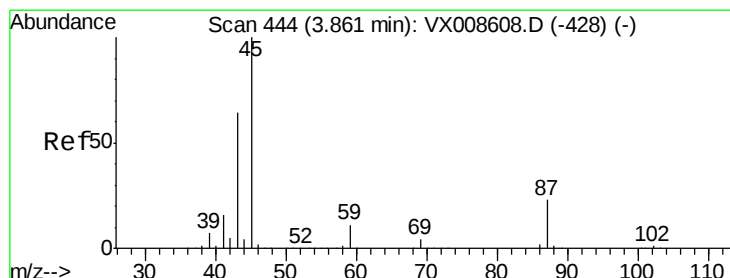
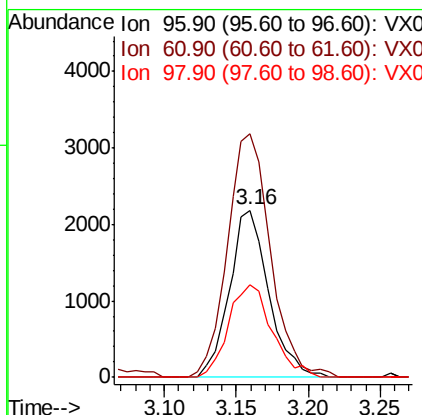
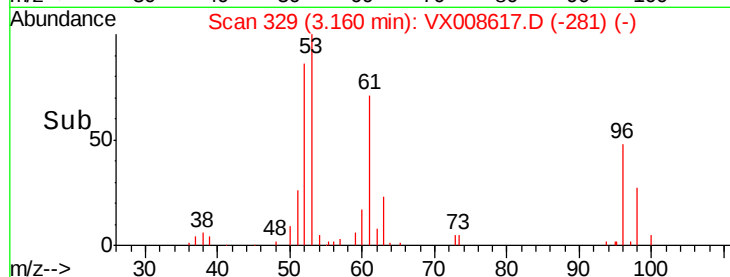
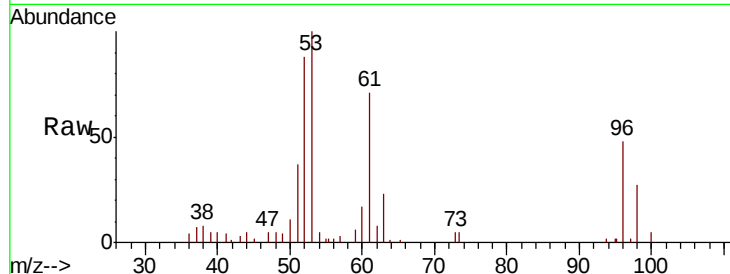




#21  
trans-1,2-Dichloroethene  
Concen: 1.805 ug/l  
RT: 3.16 min Scan# 329  
Delta R.T. -0.01 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

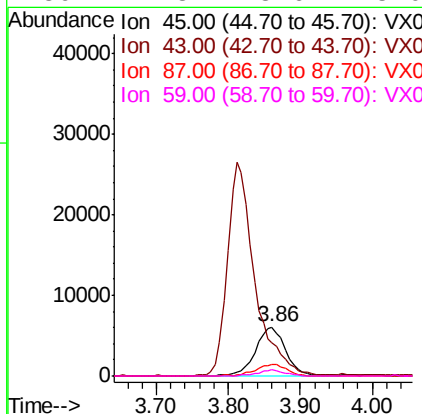
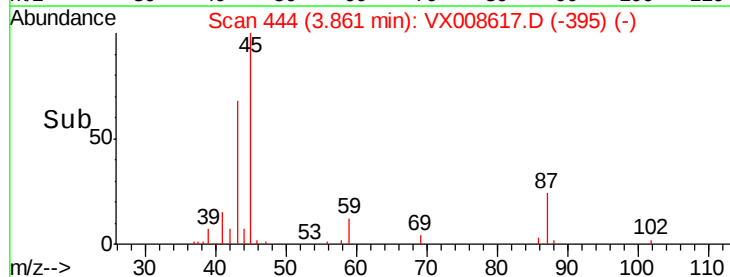
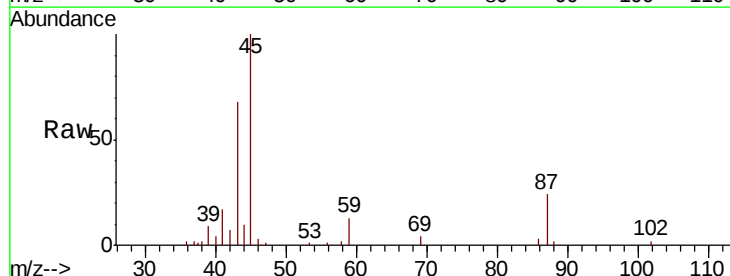
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2019

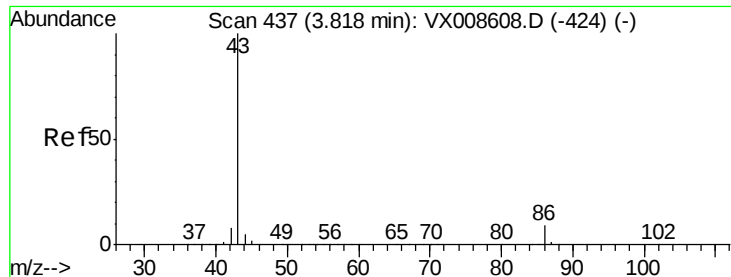
Tot Ion: 96 Resp: 4154  
Ion Ratio Lower Upper  
96 100  
61 145.8 132.1 198.1  
98 55.2 52.2 78.2



#22  
Diisopropyl ether  
Concen: 1.901 ug/l  
RT: 3.86 min Scan# 444  
Delta R.T. 0.00 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

Tgt Ion: 45 Resp: 17849  
Ion Ratio Lower Upper  
45 100  
43 67.0 51.3 76.9  
87 24.5 18.1 27.1  
59 12.8 8.6 13.0





#23

Vinyl Acetate

Concen: 8.661 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008617.D

Acq: 03 Apr 2019 16:57

Instrument :

MSVOA\_X

ClientSampleId :

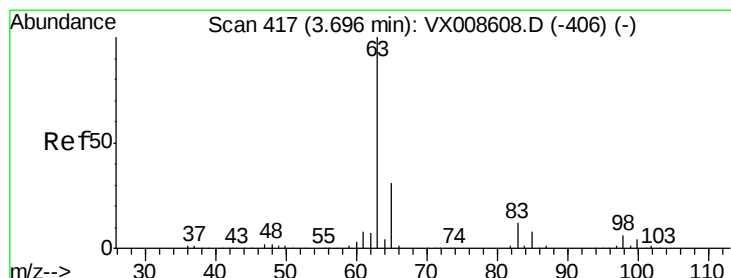
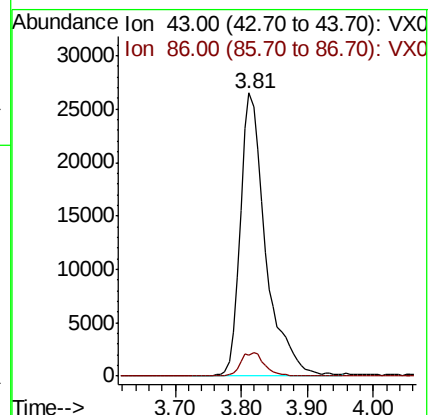
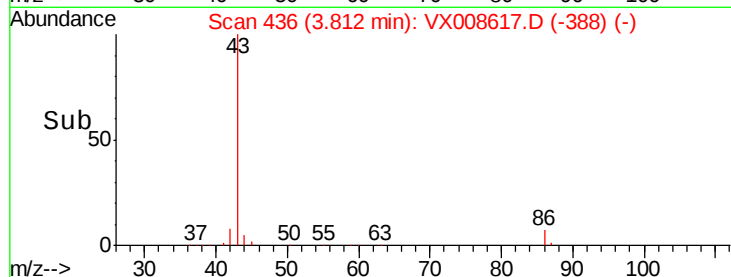
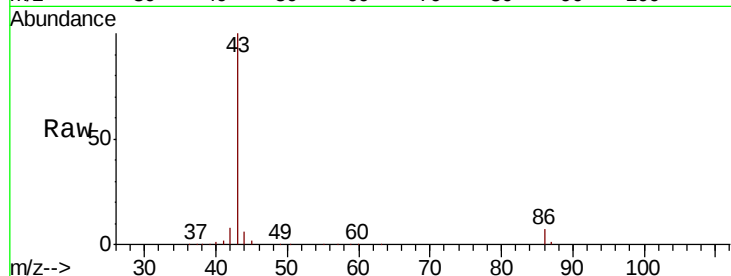
LOQ-WATER-02-QT2-2019

Tot Ion: 43 Resp: 70751

Ion Ratio Lower Upper

43 100

86 7.2 7.0 10.6



#24

1,1-Dichloroethane

Concen: 1.912 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008617.D

Acq: 03 Apr 2019 16:57

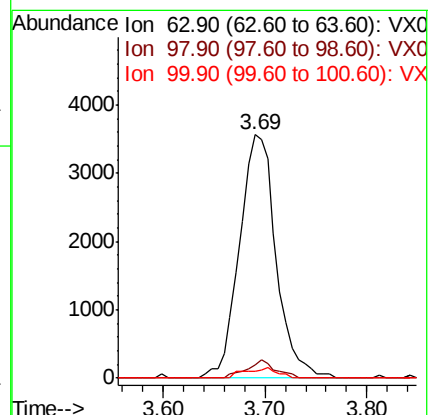
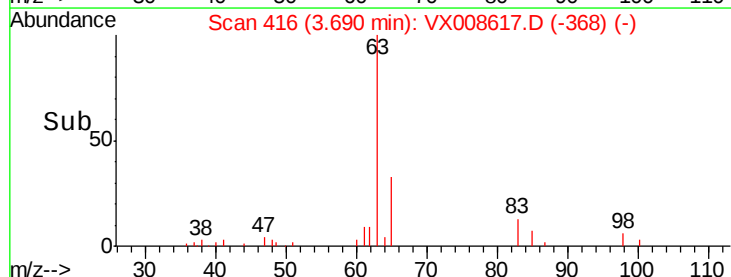
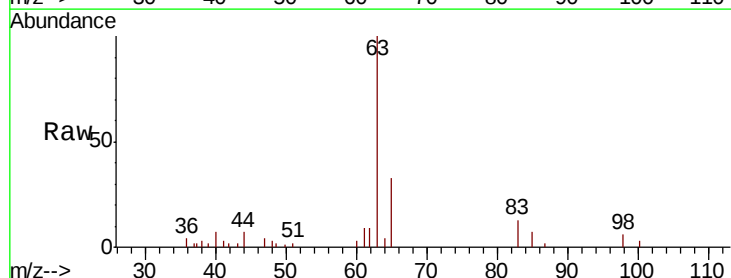
Tgt Ion: 63 Resp: 8889

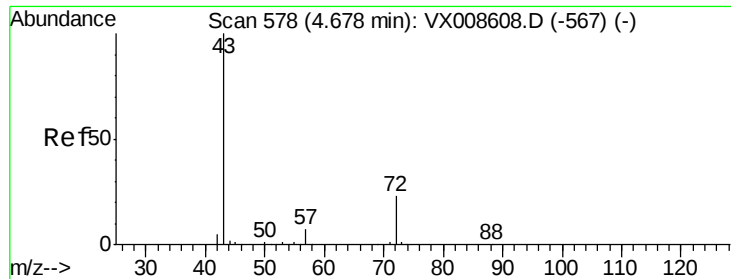
Ion Ratio Lower Upper

63 100

98 5.6 2.8 8.4

100 2.8 1.8 5.5





#25

2-Butanone

Concen: 9.038 ug/l

RT: 4.69 min Scan# 580

Delta R.T. 0.01 min

Lab File: VX008617.D

Acq: 03 Apr 2019 16:57

Instrument :

MSVOA\_X

ClientSampleId :

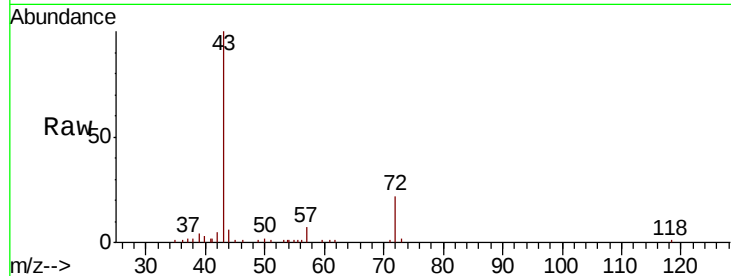
LOQ-WATER-02-QT2-2019

Tot Ion: 43 Resp: 22090

Ion Ratio Lower Upper

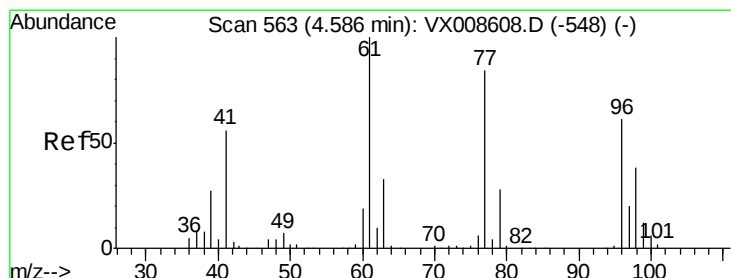
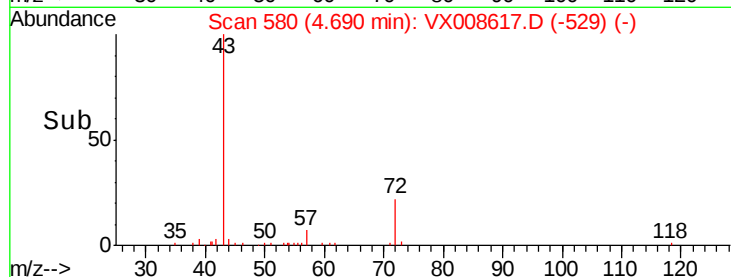
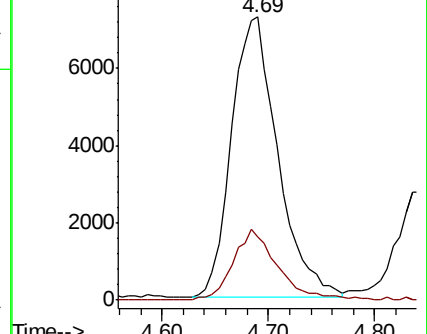
43 100

72 22.5 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 1.726 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX008617.D

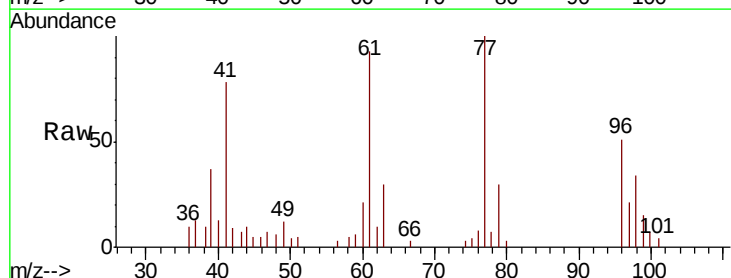
Acq: 03 Apr 2019 16:57

Tgt Ion: 77 Resp: 5652

Ion Ratio Lower Upper

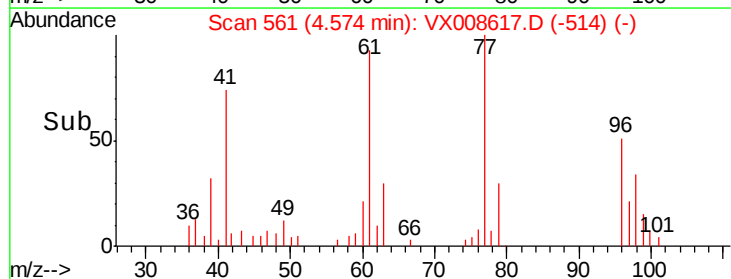
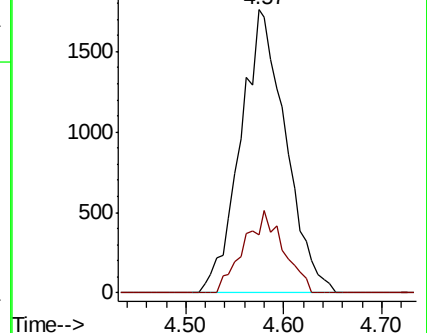
77 100

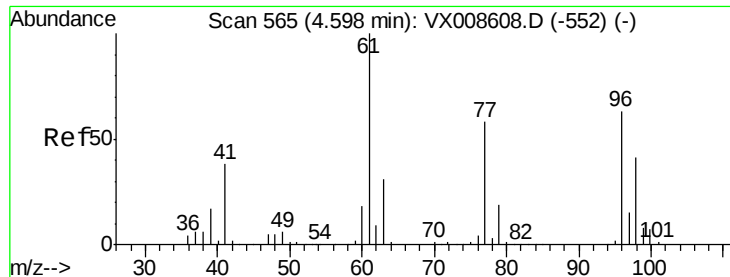
97 25.5 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



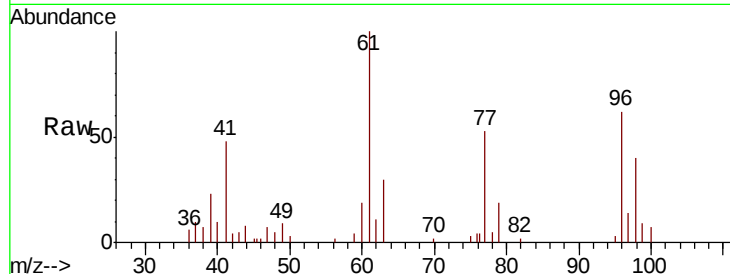


#27

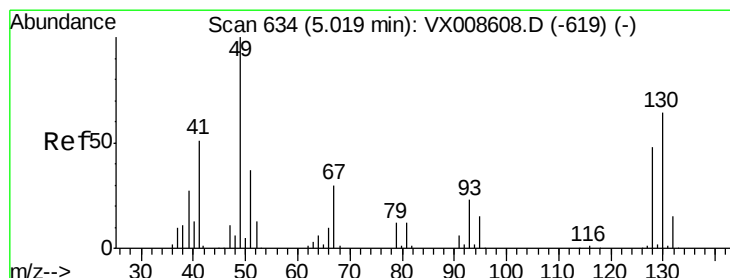
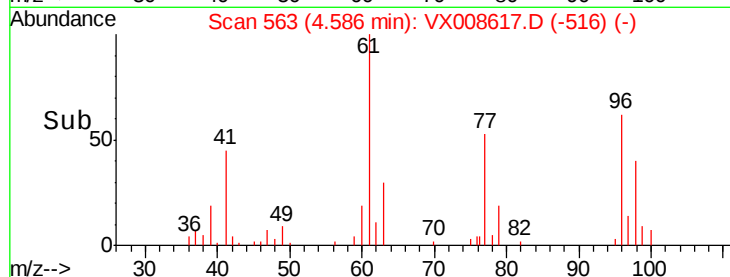
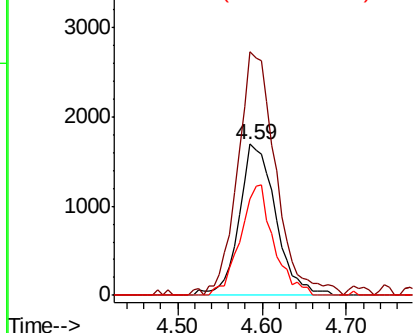
cis-1,2-Dichloroethene  
 Concen: 1.887 ug/l  
 RT: 4.59 min Scan# 563  
 Delta R.T. -0.01 min  
 Lab File: VX008617.D  
 Acq: 03 Apr 2019 16:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2019

Tot Ion: 96 Resp: 4993  
 Ion Ratio Lower Upper  
 96 100  
 61 167.5 0.0 327.6  
 98 66.4 0.0 128.6



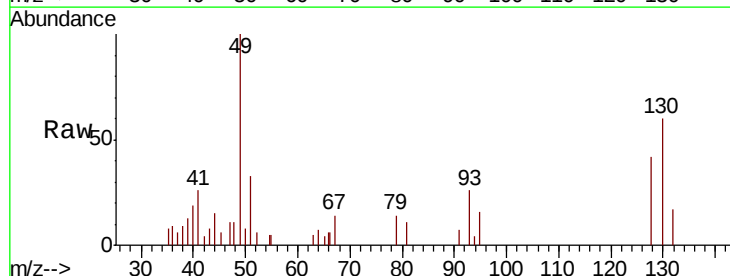
Abundance Ion 95.90 (95.60 to 96.60): VX0  
 Ion 60.90 (60.60 to 61.60): VX0  
 Ion 97.90 (97.60 to 98.60): VX0



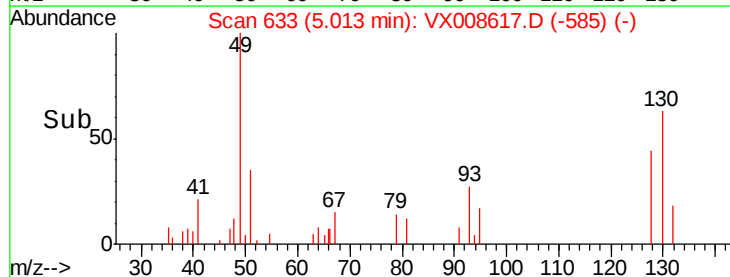
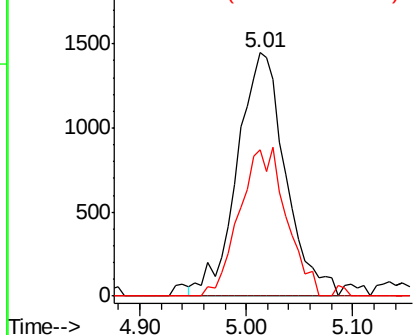
#28

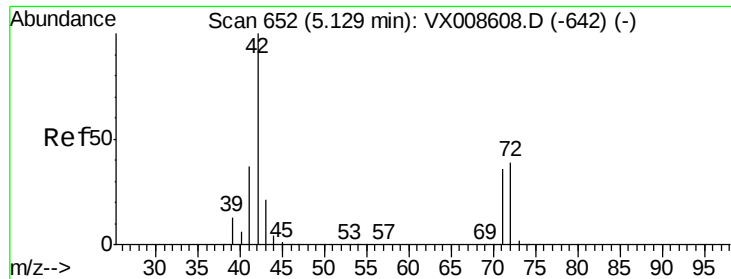
Bromochloromethane  
 Concen: Below Cal  
 RT: 5.01 min Scan# 633  
 Delta R.T. -0.01 min  
 Lab File: VX008617.D  
 Acq: 03 Apr 2019 16:57

Tgt Ion: 49 Resp: 4600  
 Ion Ratio Lower Upper  
 49 100  
 129 0.0 0.0 3.6  
 130 59.0 49.3 73.9



Abundance Ion 48.90 (48.60 to 49.60): VX0  
 Ion 128.80 (128.50 to 129.50): V  
 Ion 129.80 (129.50 to 130.50): V

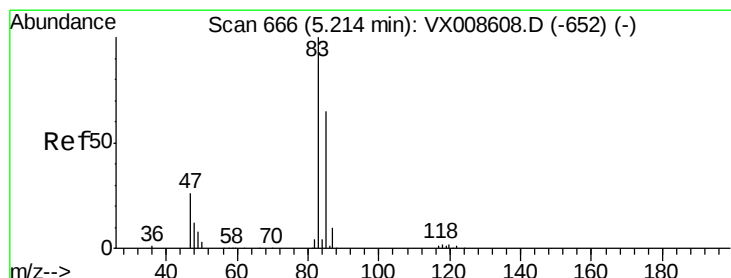
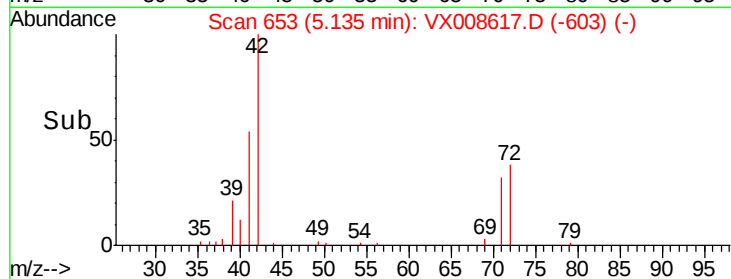
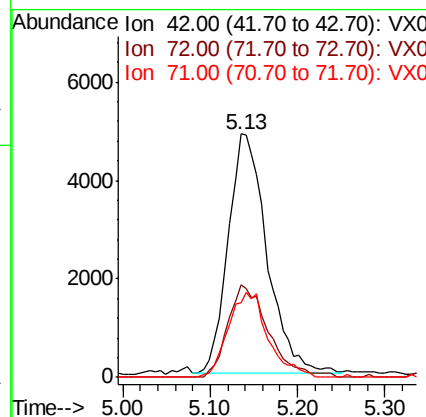
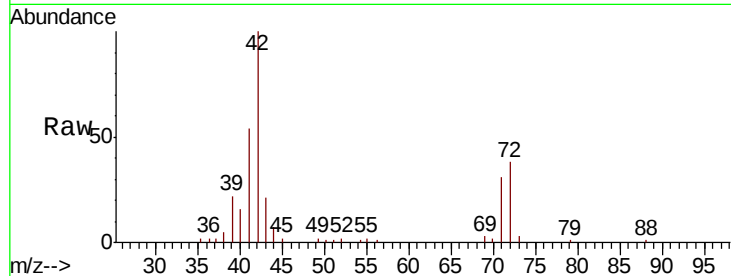




#29  
Tetrahydrofuran  
Concen: 9.254 ug/l  
RT: 5.13 min Scan# 653  
Delta R.T. 0.01 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

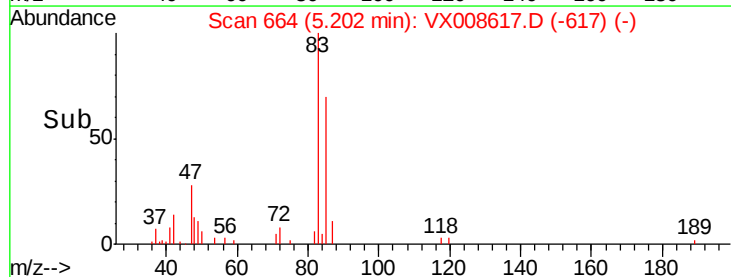
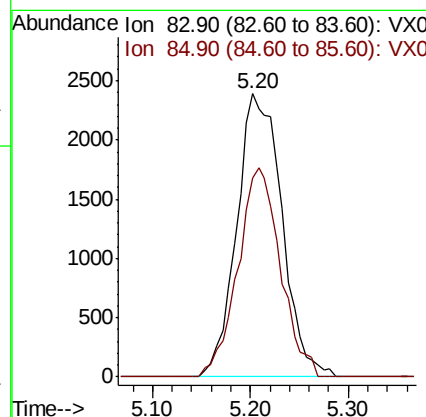
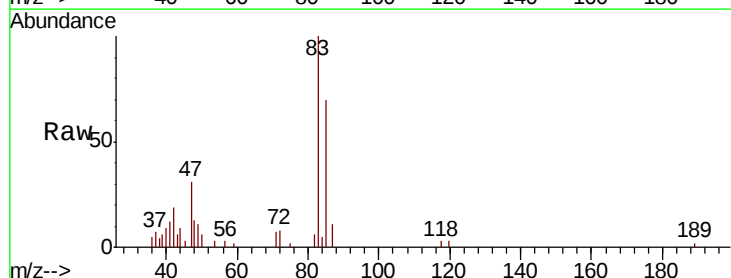
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2019

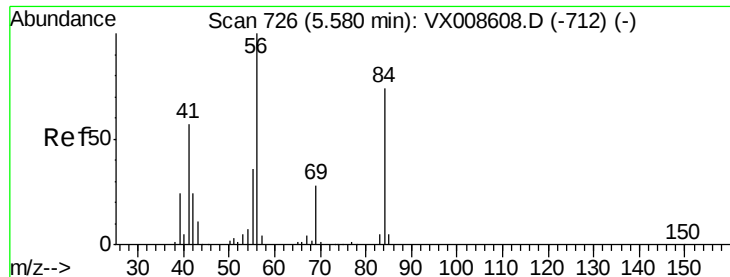
Tot Ion: 42 Resp: 15012  
Ion Ratio Lower Upper  
42 100  
72 40.5 30.5 45.7  
71 36.4 28.6 43.0



#30  
Chloroform  
Concen: 1.840 ug/l  
RT: 5.20 min Scan# 664  
Delta R.T. -0.01 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

Tgt Ion: 83 Resp: 7641  
Ion Ratio Lower Upper  
83 100  
85 70.3 52.1 78.1

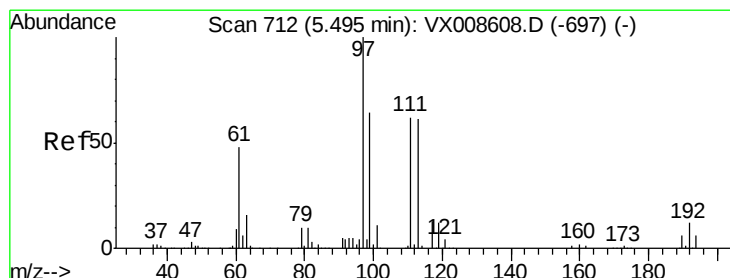
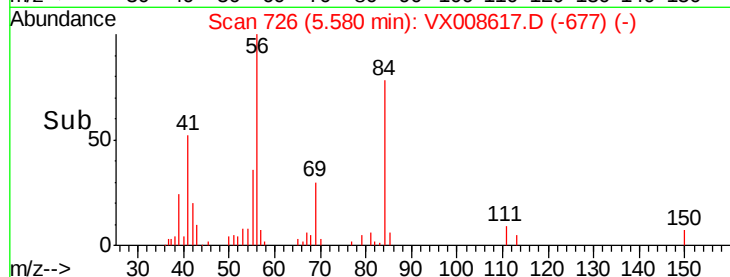
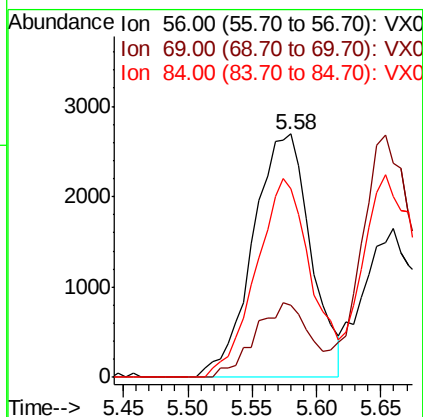
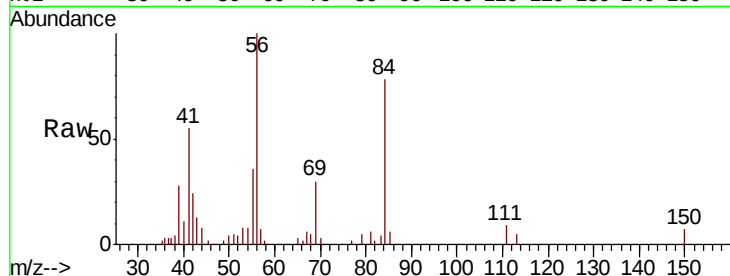




#31  
Cyclohexane  
Concen: 1.811 ug/l  
RT: 5.58 min Scan# 726  
Delta R.T. 0.00 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

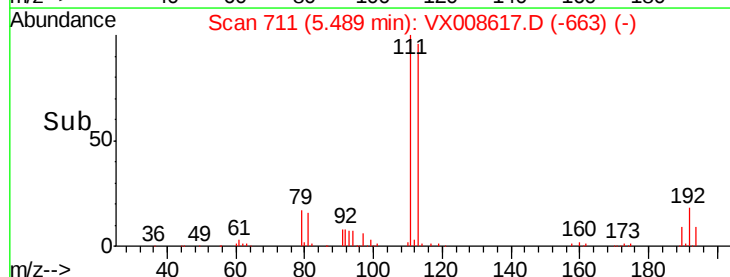
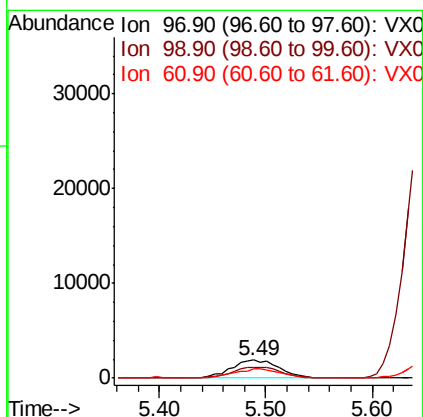
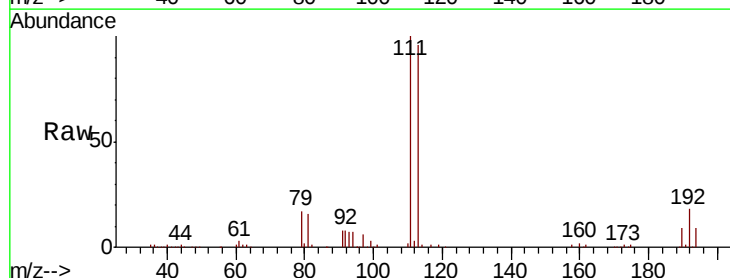
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2019

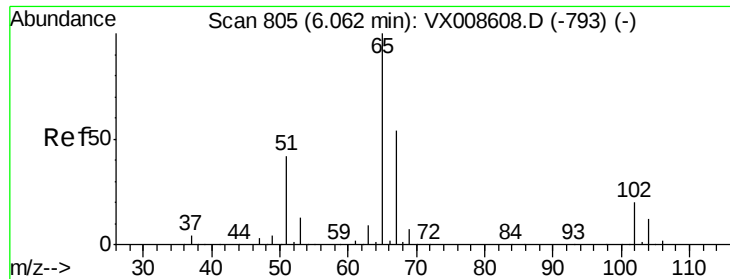
Tot Ion: 56 Resp: 8400  
Ion Ratio Lower Upper  
56 100  
69 29.8 22.6 33.8  
84 77.7 59.3 88.9



#32  
1,1,1-Trichloroethane  
Concen: 1.802 ug/l  
RT: 5.49 min Scan# 711  
Delta R.T. -0.01 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

Tgt Ion: 97 Resp: 6047  
Ion Ratio Lower Upper  
97 100  
99 63.3 51.3 76.9  
61 51.3 38.9 58.3

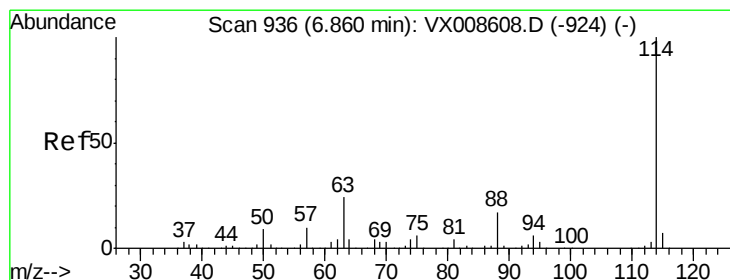
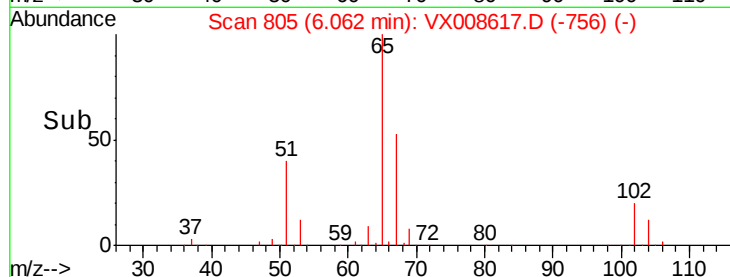
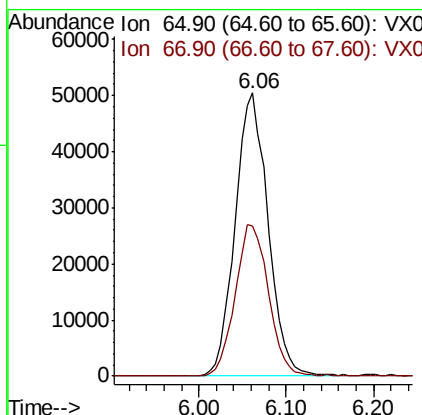
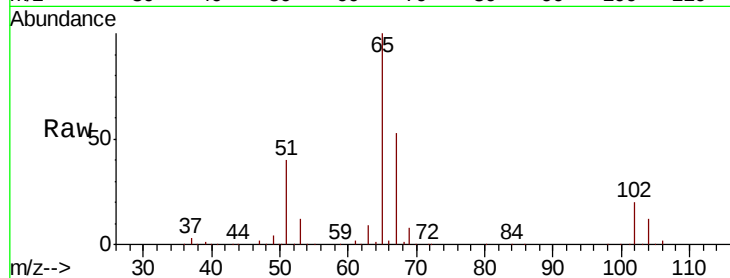




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.180 ug/l  
 RT: 6.06 min Scan# 805  
 Delta R.T. 0.00 min  
 Lab File: VX008617.D  
 Acq: 03 Apr 2019 16:57

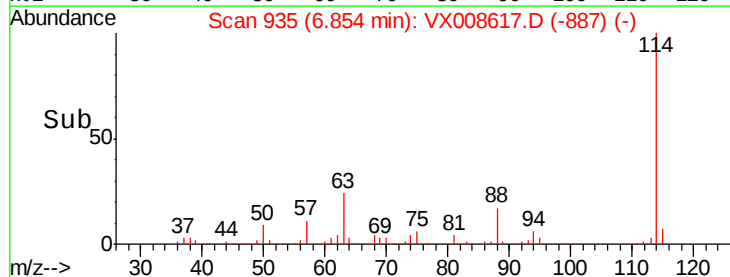
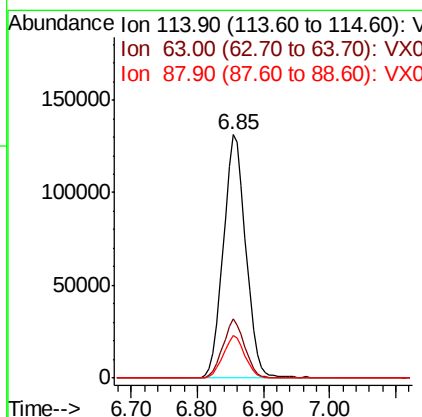
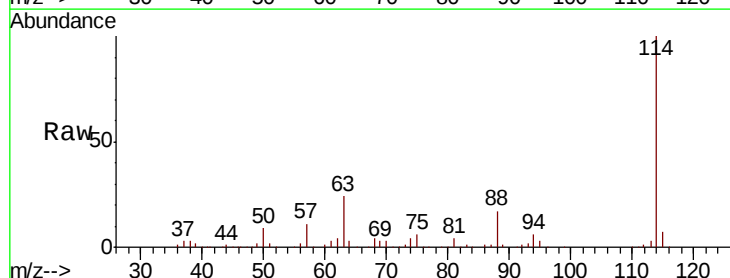
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2019

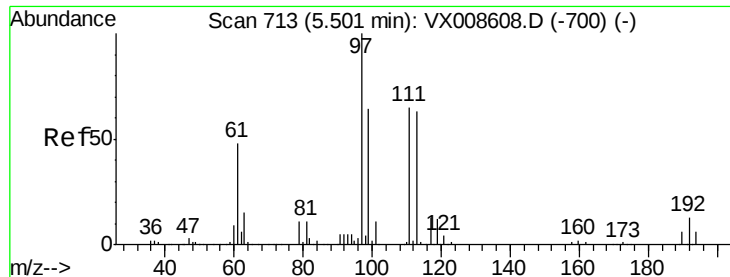
Tot Ion: 65 Resp: 132047  
 Ion Ratio Lower Upper  
 65 100  
 67 54.3 0.0 107.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 935  
 Delta R.T. -0.01 min  
 Lab File: VX008617.D  
 Acq: 03 Apr 2019 16:57

Tgt Ion: 114 Resp: 309812  
 Ion Ratio Lower Upper  
 114 100  
 63 24.2 0.0 47.2  
 88 17.4 0.0 34.0





#35

Dibromofluoromethane

Concen: 47.502 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008617.D

Acq: 03 Apr 2019 16:57

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT2-2019

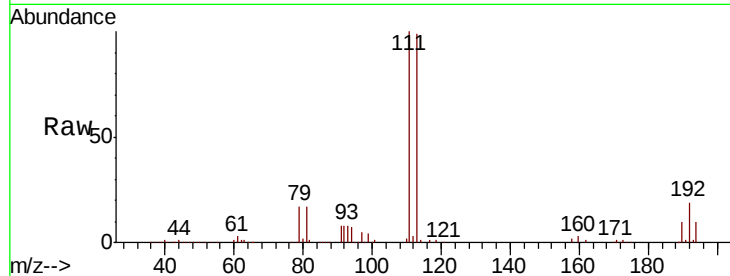
Tot Ion:113 Resp: 94093

Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.2

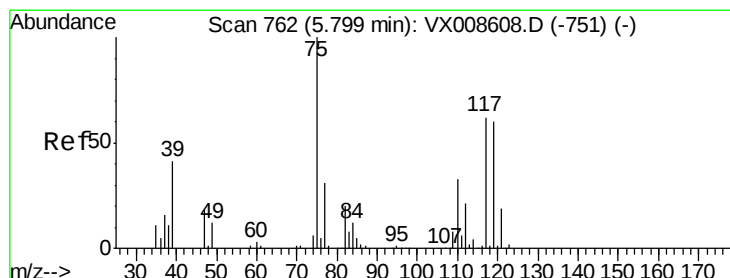
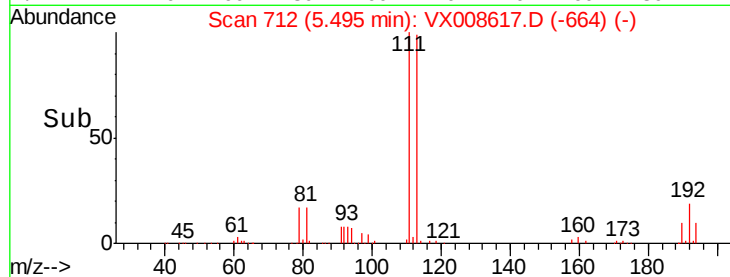
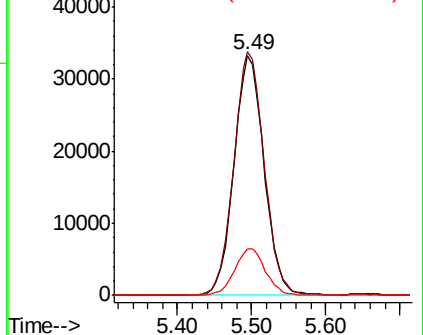
192 20.0 16.1 24.1



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: 1.724 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX008617.D

Acq: 03 Apr 2019 16:57

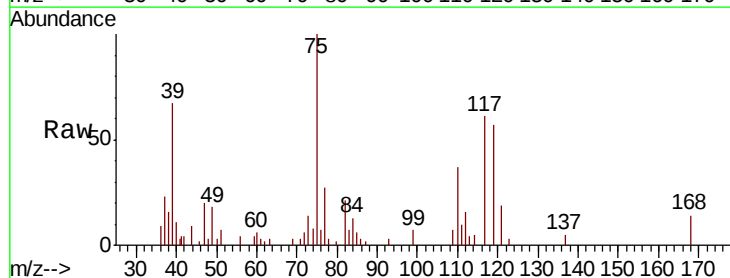
Tgt Ion: 75 Resp: 5838

Ion Ratio Lower Upper

75 100

110 36.9 16.4 49.2

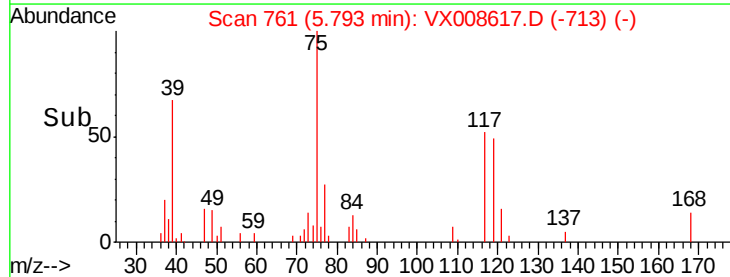
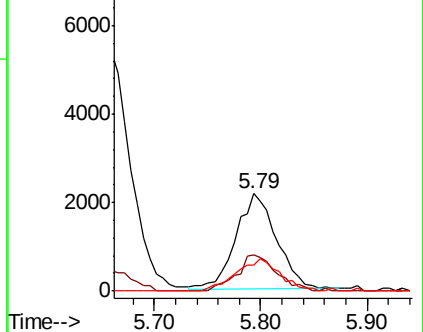
77 35.6 24.7 37.1

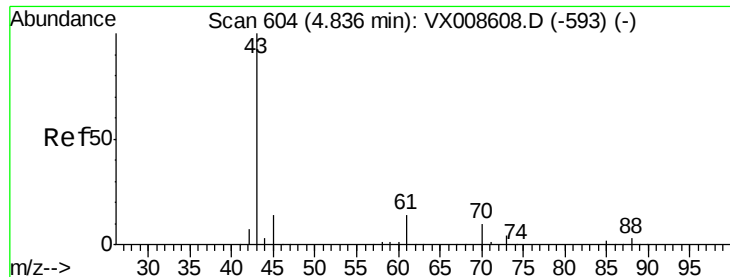


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

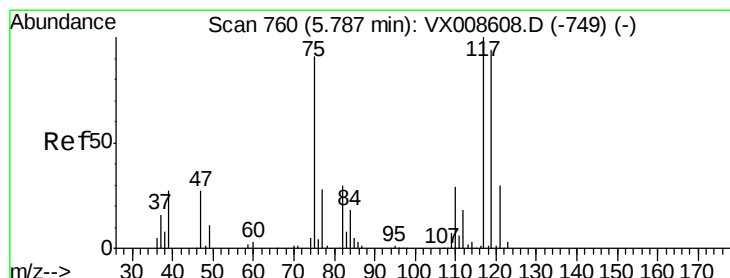
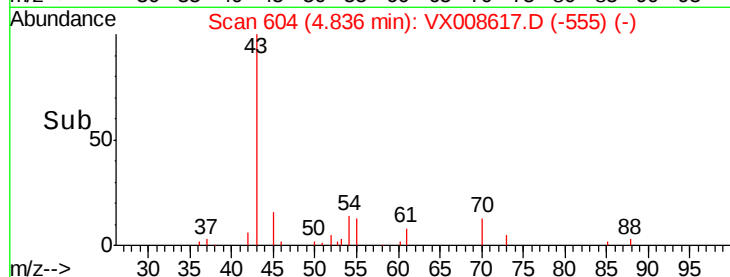
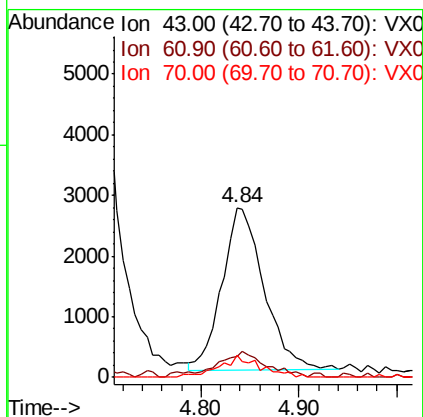
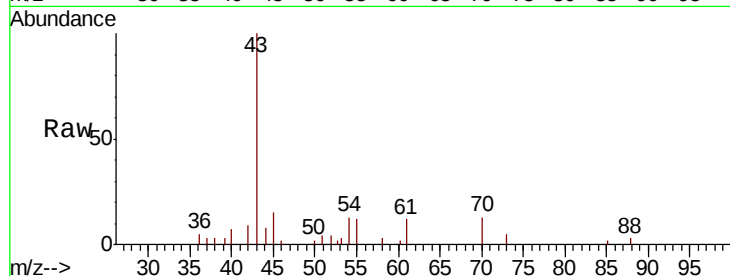




#37  
Ethyl Acetate  
Concen: 1.788 ug/l  
RT: 4.84 min Scan# 604  
Delta R.T. 0.00 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

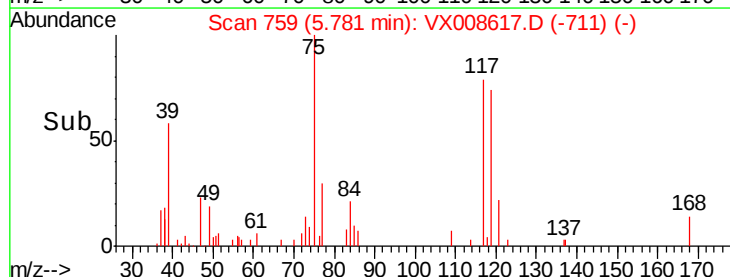
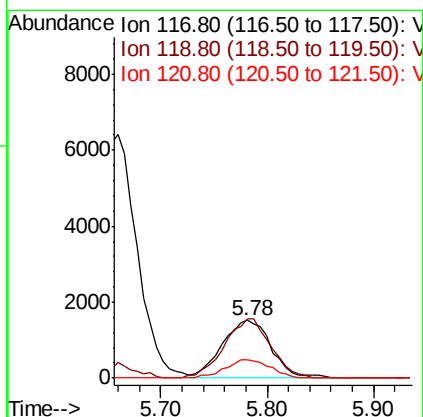
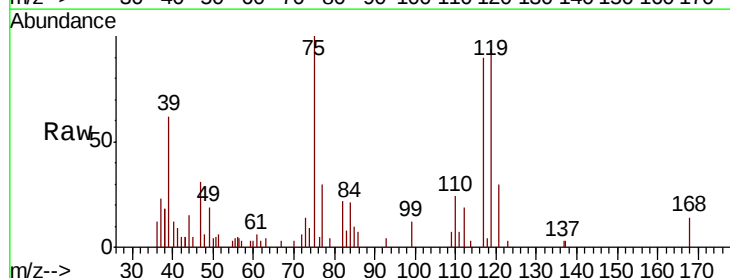
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2019

Tot Ion: 43 Resp: 8081  
Ion Ratio Lower Upper  
43 100  
61 17.0 10.3 15.5#  
70 13.2 7.6 11.4#



#38  
Carbon Tetrachloride  
Concen: 1.744 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. -0.01 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

Tgt Ion: 117 Resp: 4888  
Ion Ratio Lower Upper  
117 100  
119 104.0 75.0 112.6  
121 32.8 24.3 36.5

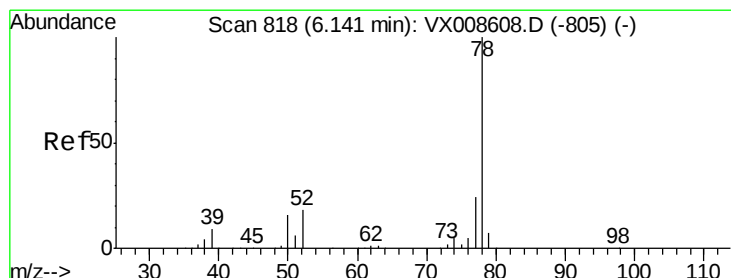
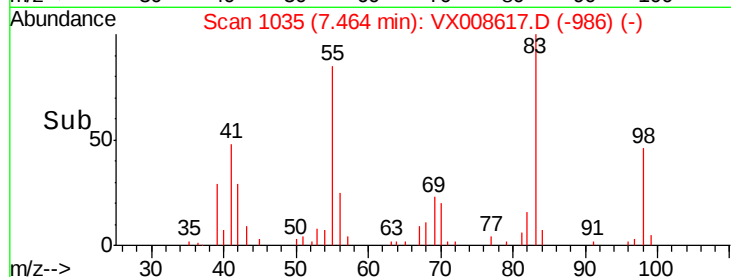
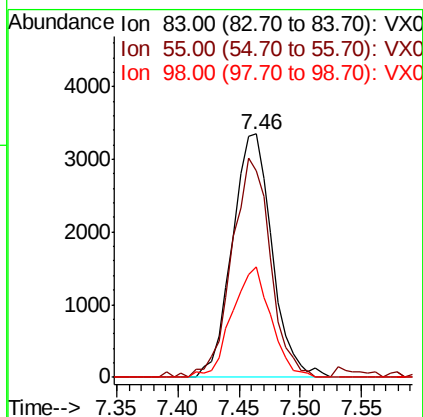
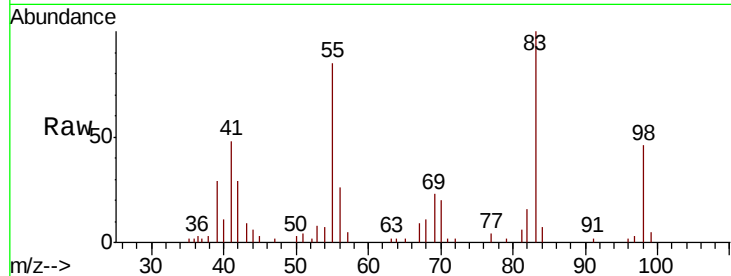




#39  
Methvlcvclohexane  
Concen: 1.808 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. 0.00 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

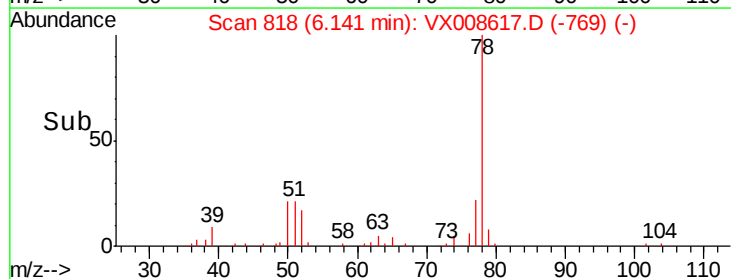
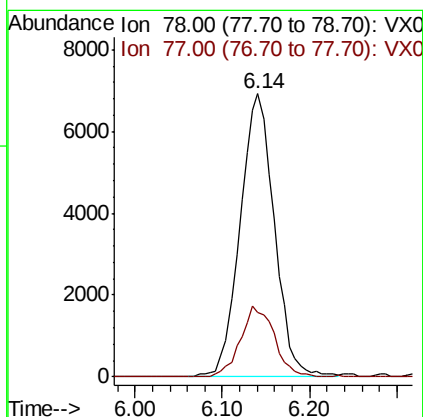
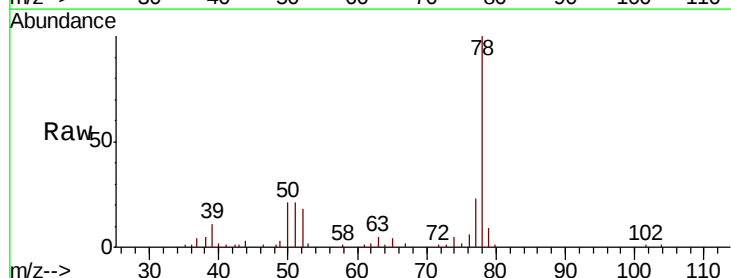
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2019

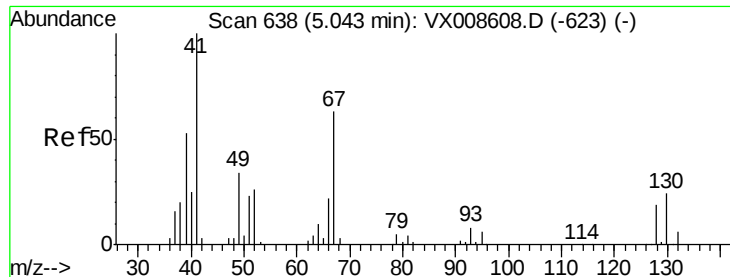
Tot Ion: 83 Resp: 7565  
Ion Ratio Lower Upper  
83 100  
55 84.7 69.0 103.6  
98 45.5 34.4 51.6



#40  
Benzene  
Concen: 1.866 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. 0.00 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

Tgt Ion: 78 Resp: 18830  
Ion Ratio Lower Upper  
78 100  
77 23.0 19.1 28.7

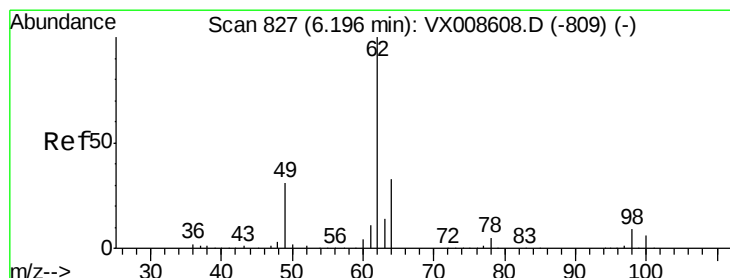
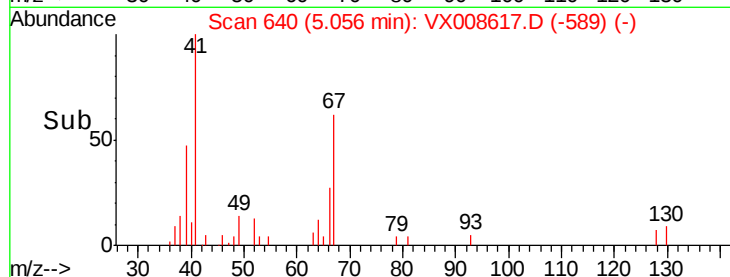
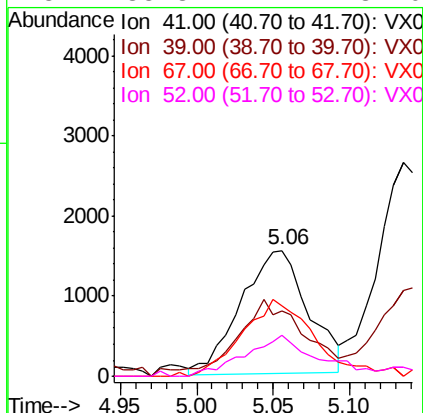
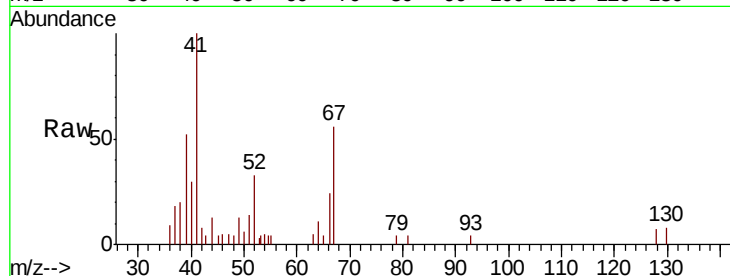




#41  
Methacrylonitrile  
Concen: 1.820 ug/l  
RT: 5.06 min Scan# 640  
Delta R.T. 0.01 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

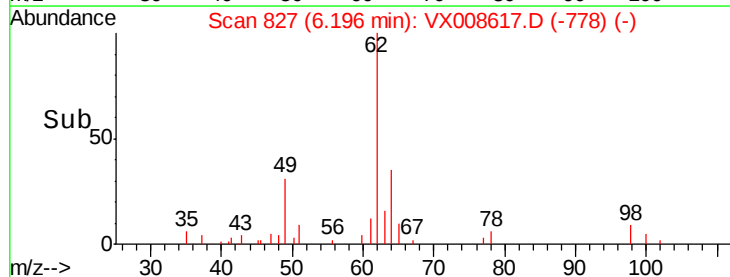
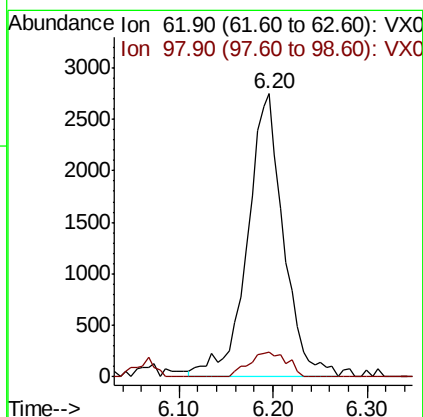
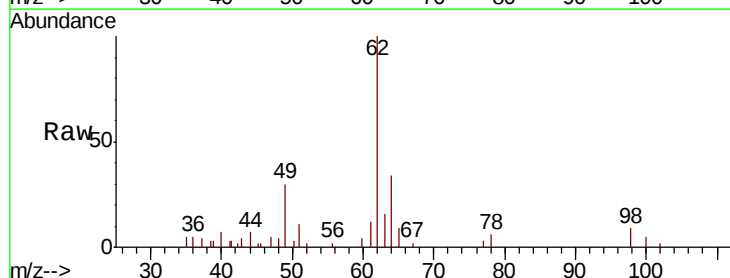
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2019

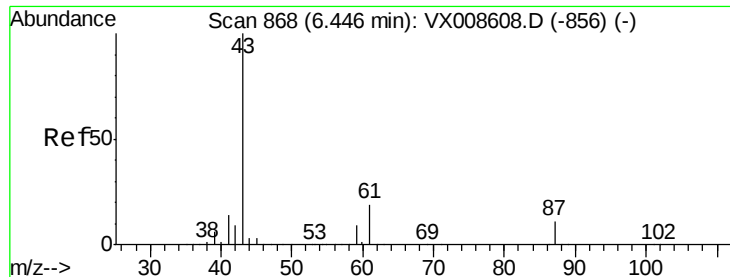
Tot Ion: 41 Resp: 4728  
Ion Ratio Lower Upper  
41 100  
39 62.9 42.1 63.1  
67 66.9 51.0 76.6  
52 35.3 21.4 32.0#



#42  
1,2-Dichloroethane  
Concen: 2.045 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. 0.00 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

Tgt Ion: 62 Resp: 7396  
Ion Ratio Lower Upper  
62 100  
98 9.2 0.0 18.0





#43

Isopropyl Acetate

Concen: 1.802 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX008617.D

Acq: 03 Apr 2019 16:57

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT2-2019

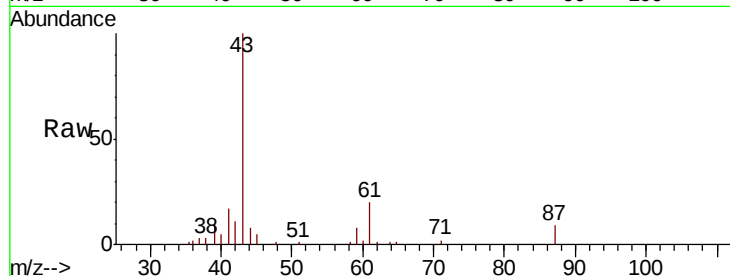
Tot Ion: 43 Resp: 12762

Ion Ratio Lower Upper

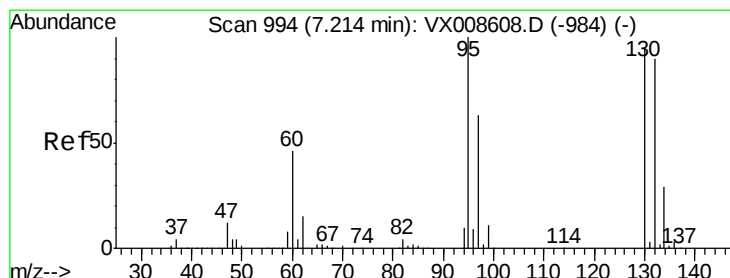
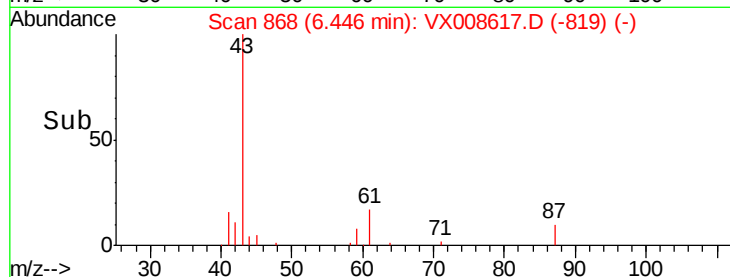
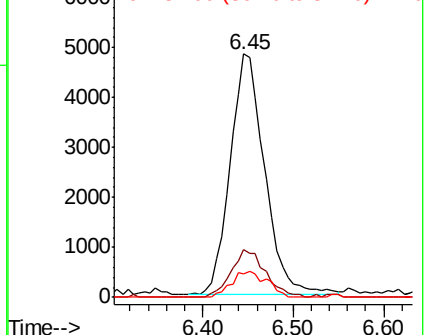
43 100

61 19.6 15.3 22.9

87 11.1 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 61.00 (60.70 to 61.70): VX0  
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 1.814 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX008617.D

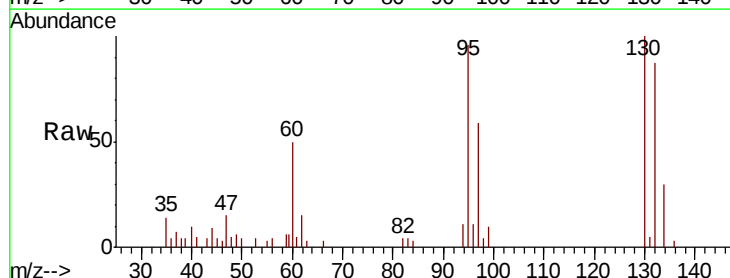
Acq: 03 Apr 2019 16:57

Tgt Ion: 130 Resp: 4263

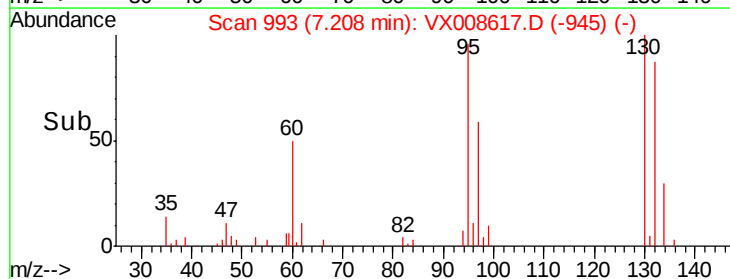
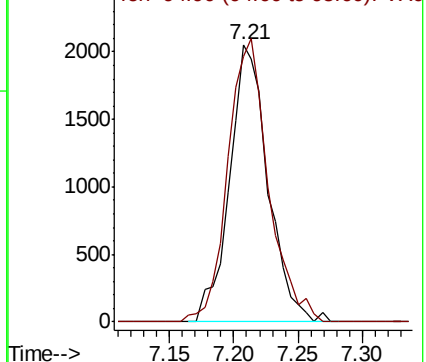
Ion Ratio Lower Upper

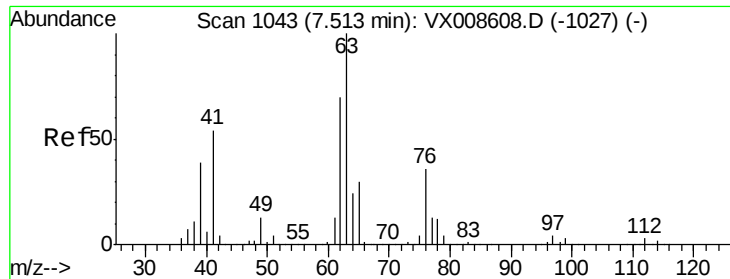
130 100

95 95.5 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V  
Ion 94.90 (94.60 to 95.60): VX0

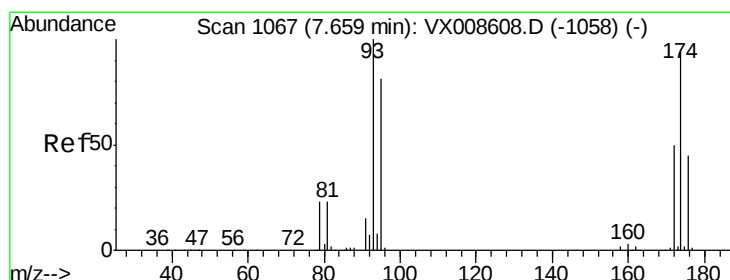
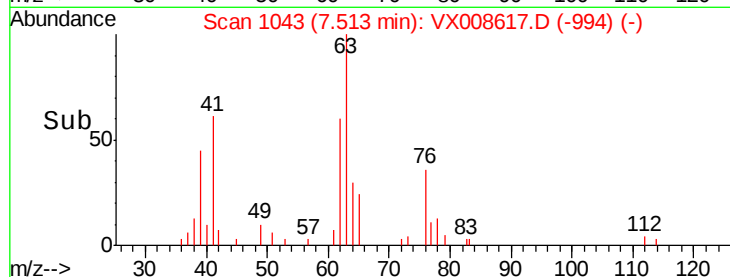
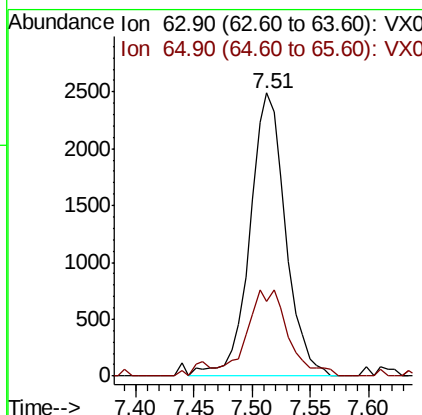
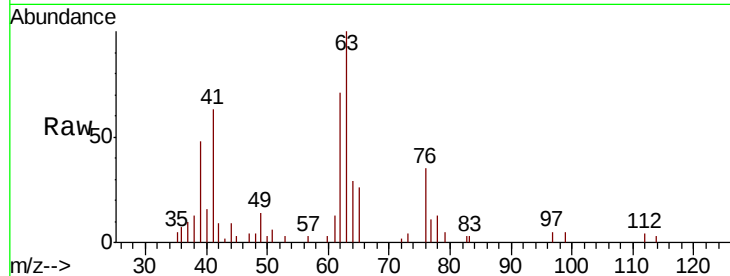




#45  
 1,2-Dichloropropane  
 Concen: 1.843 ug/l  
 RT: 7.51 min Scan# 1043  
 Delta R.T. 0.00 min  
 Lab File: VX008617.D  
 Acq: 03 Apr 2019 16:57

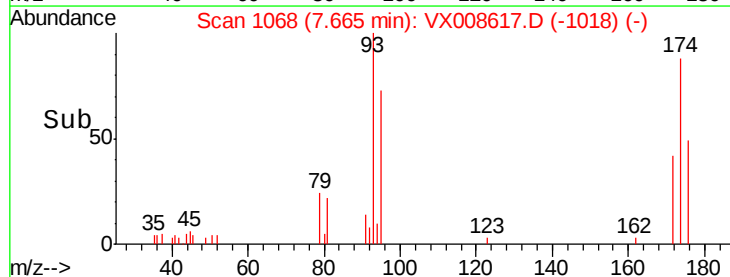
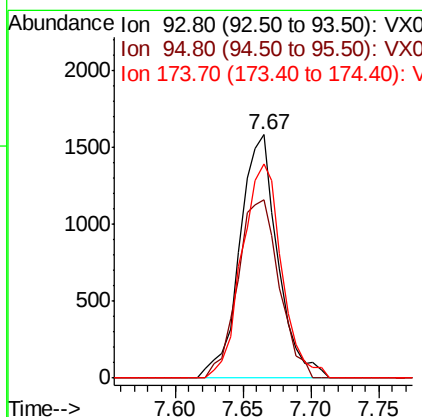
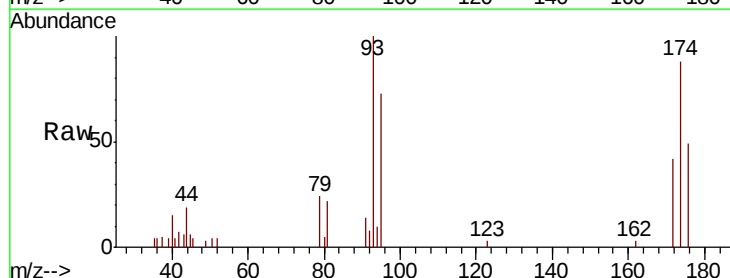
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2019

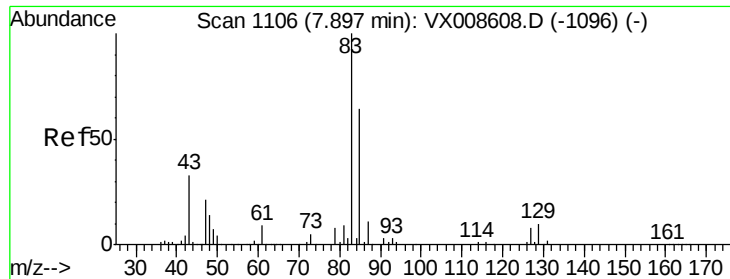
Tot Ion: 63 Resp: 5306  
 Ion Ratio Lower Upper  
 63 100  
 65 26.3 24.2 36.4



#46  
 Dibromomethane  
 Concen: 1.850 ug/l  
 RT: 7.67 min Scan# 1068  
 Delta R.T. 0.01 min  
 Lab File: VX008617.D  
 Acq: 03 Apr 2019 16:57

Tgt Ion: 93 Resp: 3089  
 Ion Ratio Lower Upper  
 93 100  
 95 79.8 66.6 99.8  
 174 92.1 77.7 116.5





#47

Bromodichloromethane

Concen: 1.641 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008617.D

Acq: 03 Apr 2019 16:57

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT2-2019

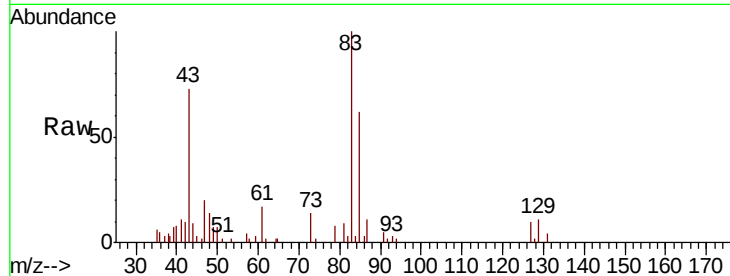
Tot Ion: 83 Resp: 5169

Ion Ratio Lower Upper

83 100

85 61.9 51.2 76.8

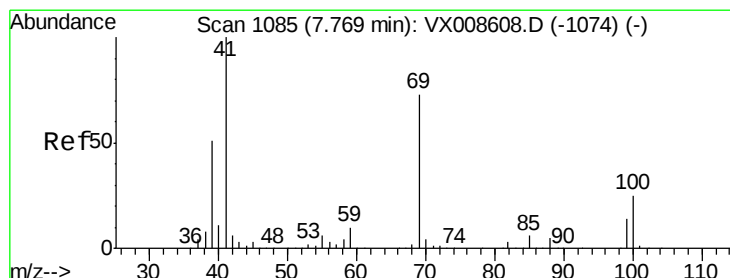
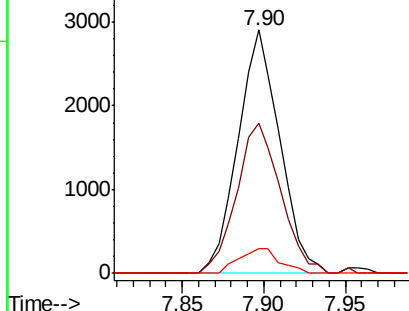
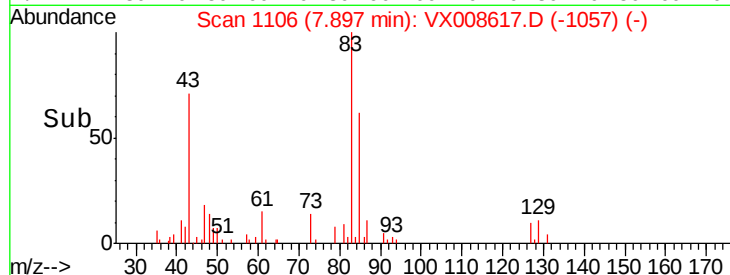
127 10.0 6.6 10.0#



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



#48

Methyl methacrylate

Concen: 1.862 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.01 min

Lab File: VX008617.D

Acq: 03 Apr 2019 16:57

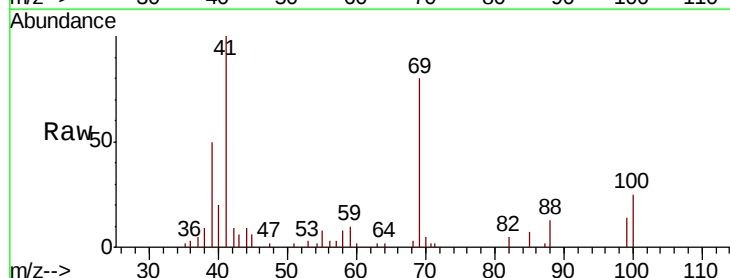
Tgt Ion: 41 Resp: 6670

Ion Ratio Lower Upper

41 100

69 72.4 59.0 88.4

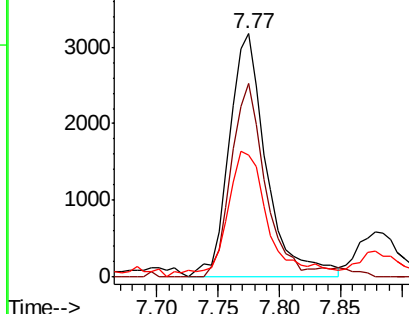
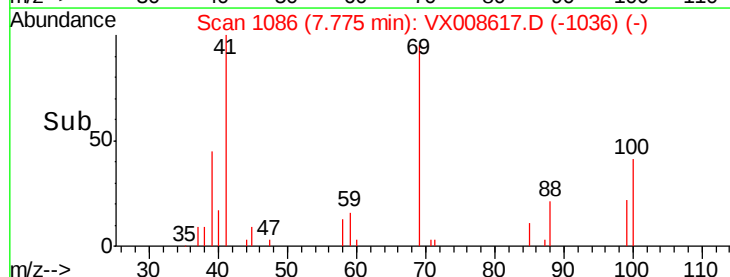
39 57.6 41.0 61.4

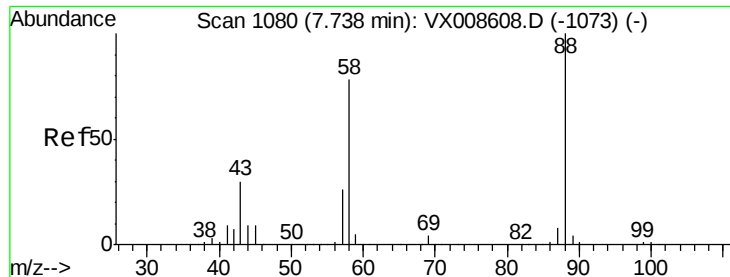


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

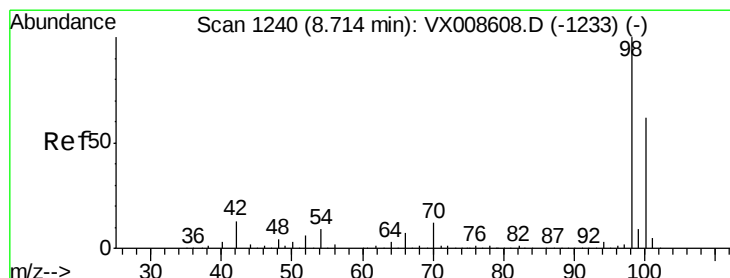
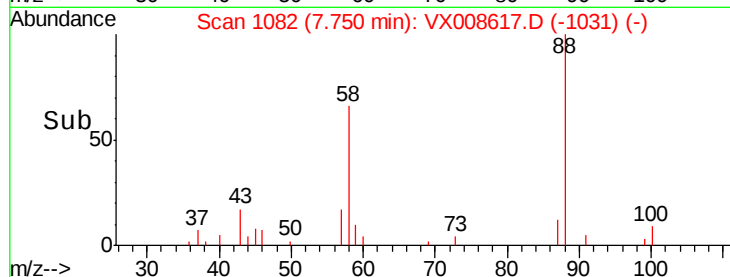
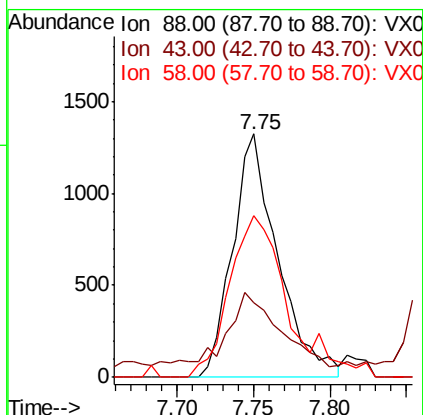
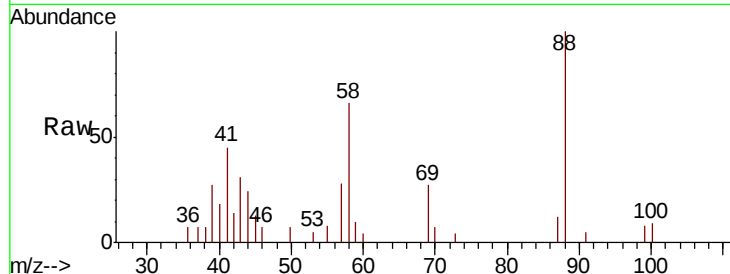




#49  
1,4-Dioxane  
Concen: 40.417 ug/l  
RT: 7.75 min Scan# 1082  
Delta R.T. 0.01 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

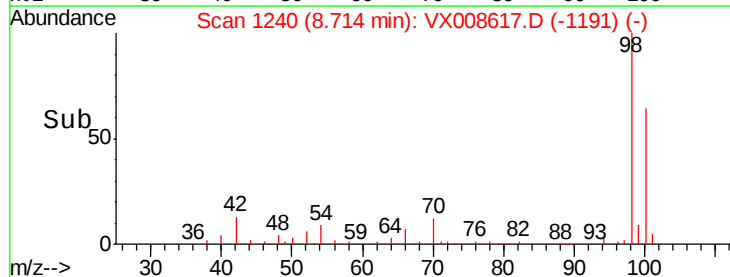
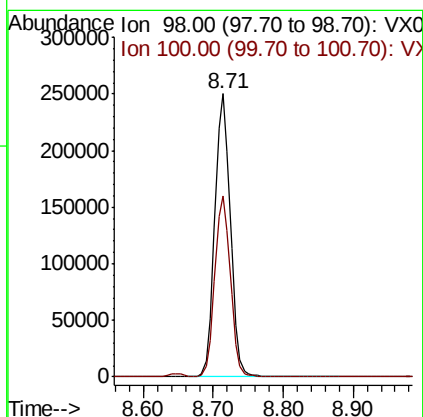
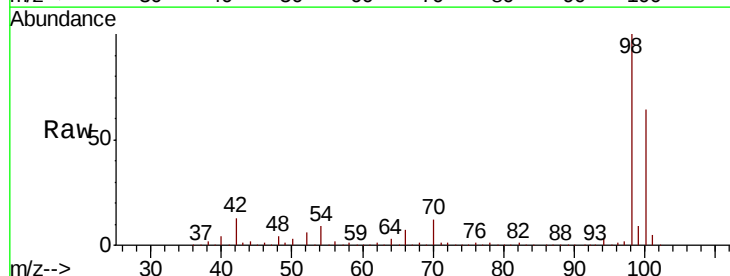
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2019

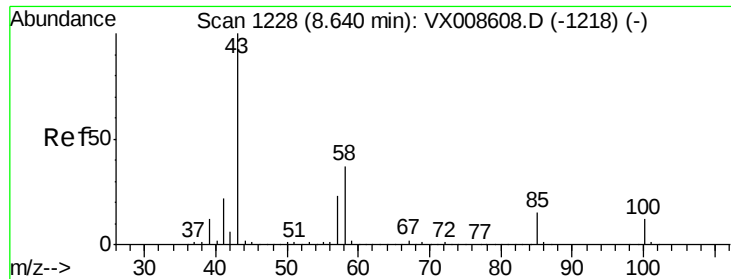
Tot Ion: 88 Resp: 2712  
Ion Ratio Lower Upper  
88 100  
43 33.1 28.6 43.0  
58 85.6 62.2 93.2



#50  
Toluene-d8  
Concen: 49.307 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. 0.00 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

Tgt Ion: 98 Resp: 388893  
Ion Ratio Lower Upper  
98 100  
100 63.9 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 9.139 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008617.D

Acq: 03 Apr 2019 16:57

Instrument :

MSVOA\_X

ClientSampleId :

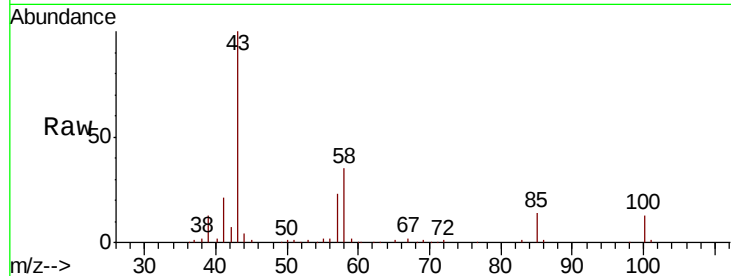
LOQ-WATER-02-QT2-2019

Tot Ion: 43 Resp: 41658

Ion Ratio Lower Upper

43 100

58 36.6 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX008608.D (-1218) (-)

Ion 58.00 (57.70 to 58.70): VX008608.D (-1218) (-)

8.64

25000

20000

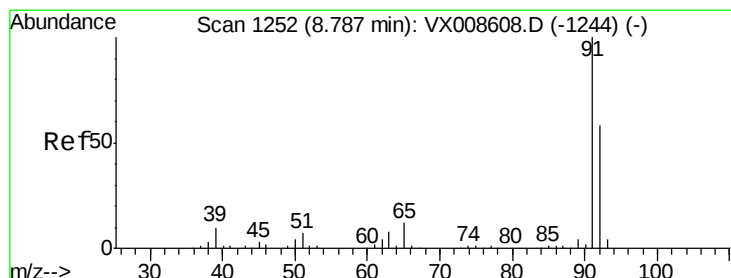
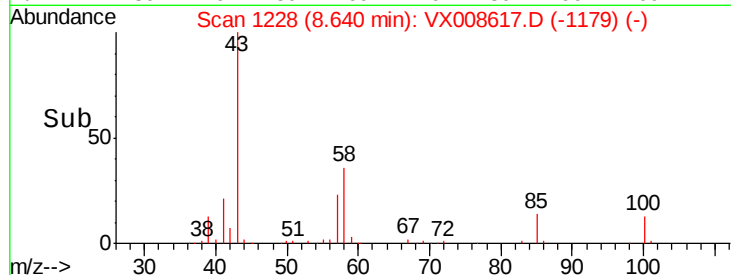
15000

10000

5000

0

Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 1.913 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008617.D

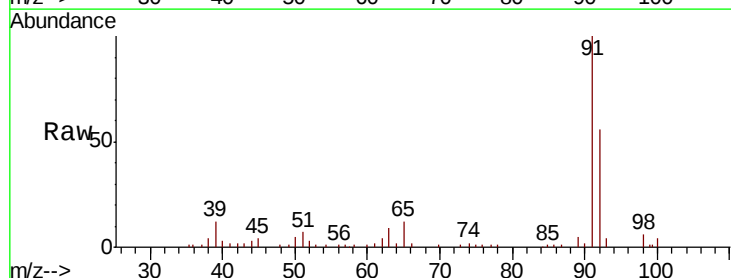
Acq: 03 Apr 2019 16:57

Tgt Ion: 92 Resp: 11380

Ion Ratio Lower Upper

92 100

91 169.4 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX008608.D (-1244) (-)

Ion 91.00 (90.70 to 91.70): VX008608.D (-1244) (-)

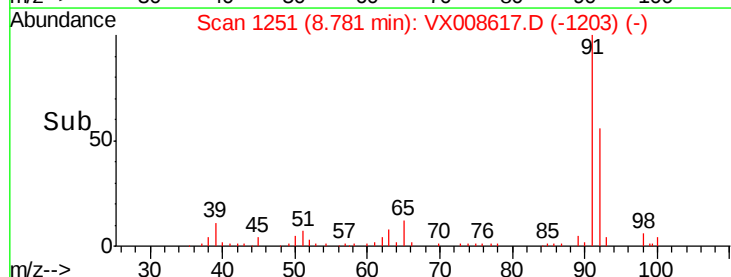
8.78

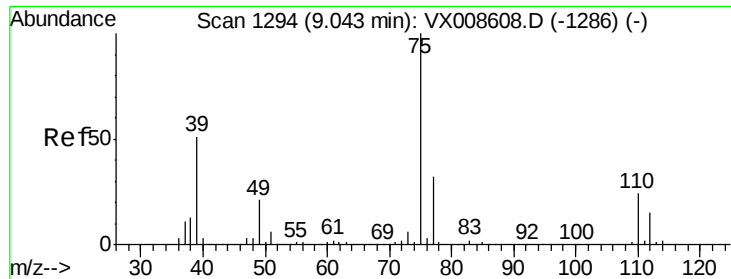
10000

5000

0

Time--> 8.70 8.75 8.80 8.85

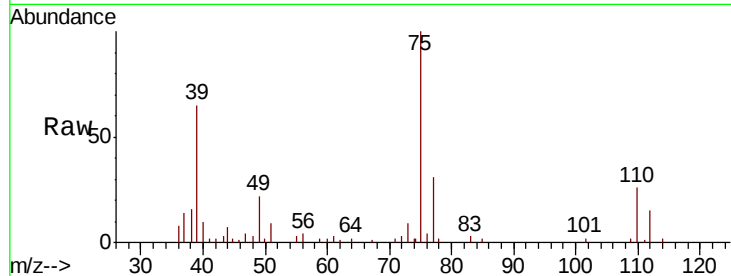




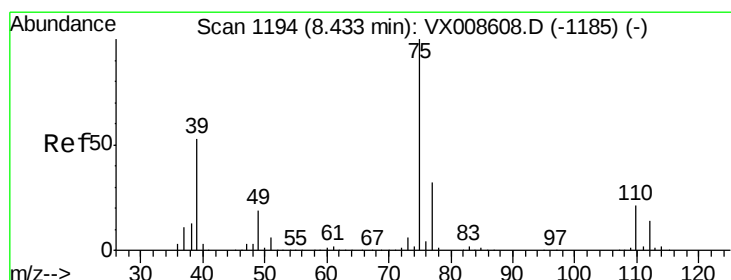
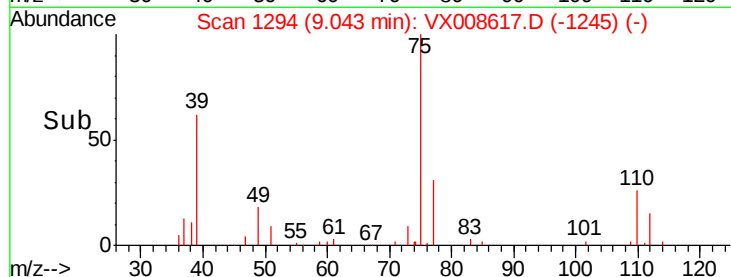
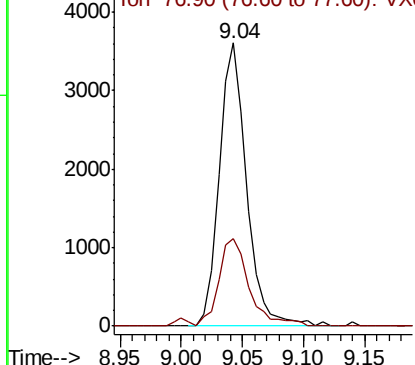
#53  
 t-1,3-Dichloropropene  
 Concen: 1.585 ug/l  
 RT: 9.04 min Scan# 1294  
 Delta R.T. 0.00 min  
 Lab File: VX008617.D  
 Acq: 03 Apr 2019 16:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2019

Tot Ion: 75 Resp: 5591  
 Ion Ratio Lower Upper  
 75 100  
 77 31.0 25.2 37.8

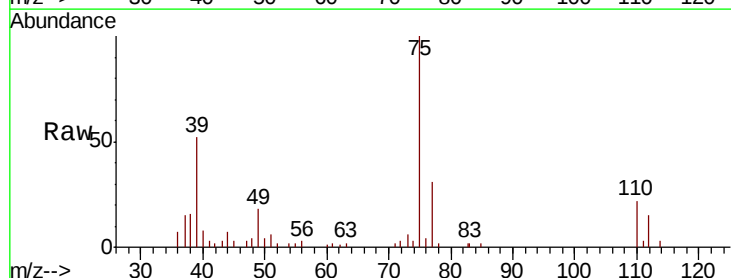


Abundance Ion 74.90 (74.60 to 75.60): VX0  
 Ion 76.90 (76.60 to 77.60): VX0

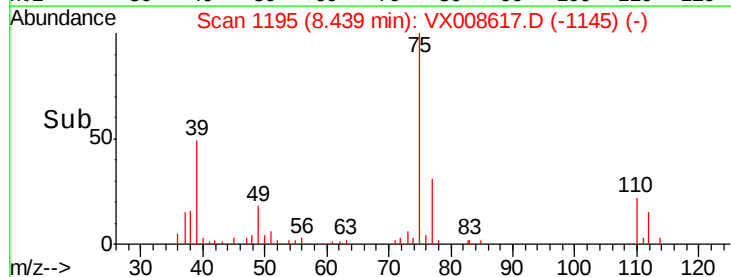
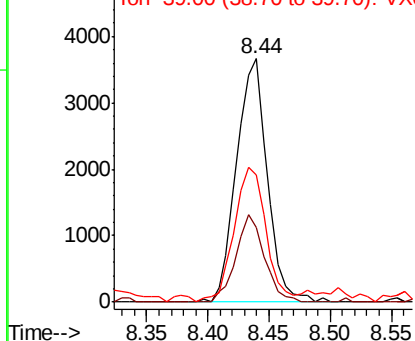


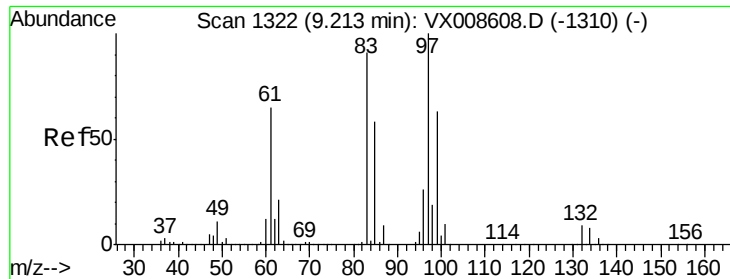
#54  
 cis-1,3-Dichloropropene  
 Concen: 1.588 ug/l  
 RT: 8.44 min Scan# 1195  
 Delta R.T. 0.01 min  
 Lab File: VX008617.D  
 Acq: 03 Apr 2019 16:57

Tgt Ion: 75 Resp: 6399  
 Ion Ratio Lower Upper  
 75 100  
 77 30.6 25.3 37.9  
 39 49.7 42.6 63.8



Abundance Ion 74.90 (74.60 to 75.60): VX0  
 Ion 76.90 (76.60 to 77.60): VX0  
 Ion 39.00 (38.70 to 39.70): VX0

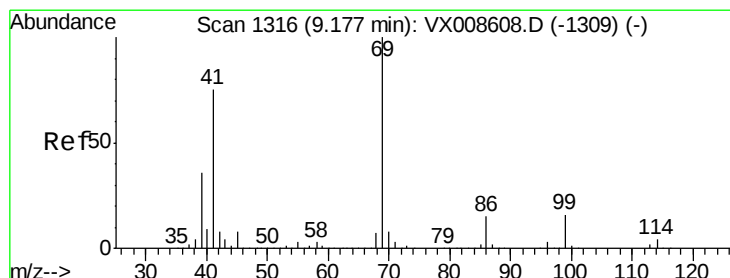
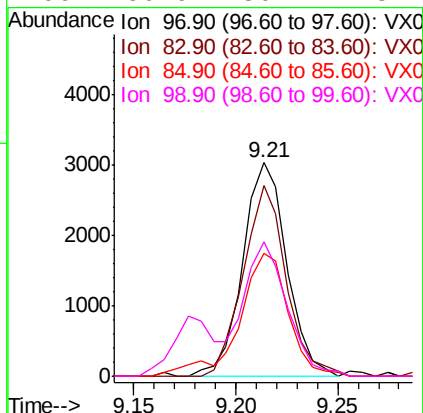
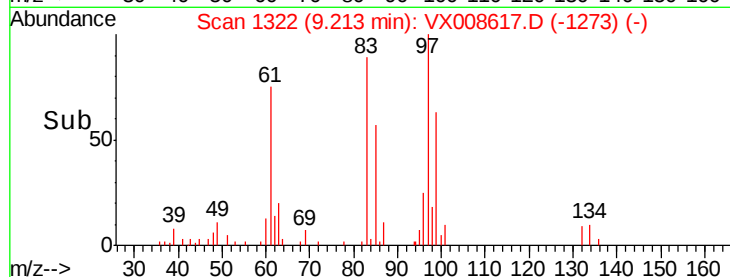
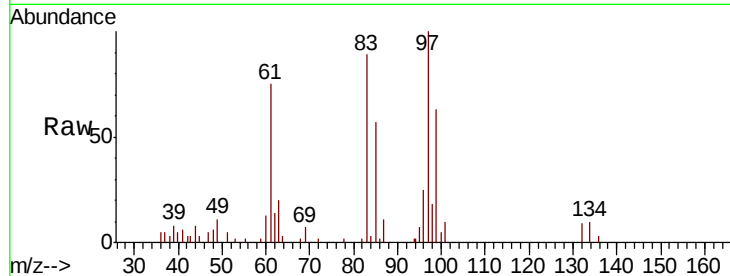




#55  
 1,1,2-Trichloroethane  
 Concen: 1.915 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. 0.00 min  
 Lab File: VX008617.D  
 Acq: 03 Apr 2019 16:57

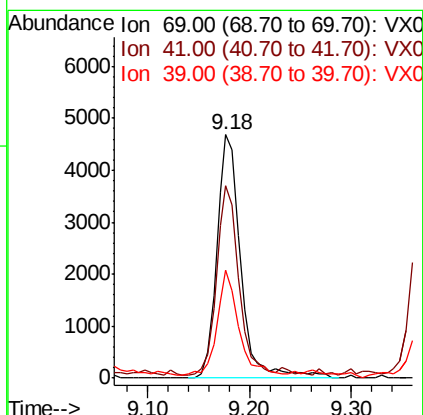
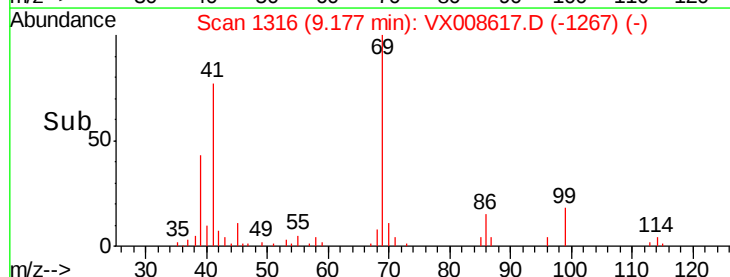
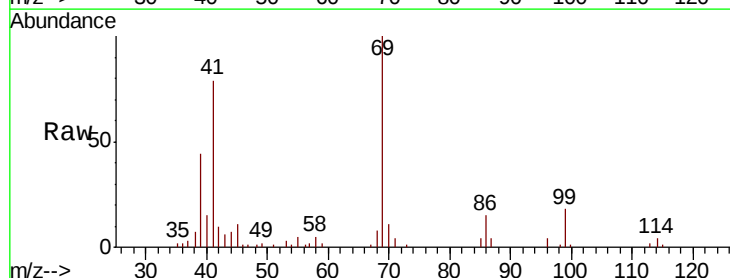
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2019

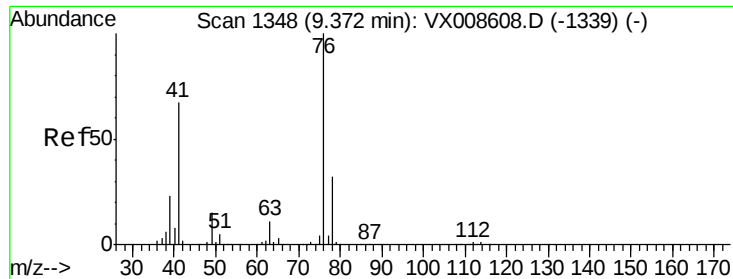
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 4572  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 89.3  | 73.2  | 109.8 |
| 85       | 55.6  | 46.6  | 69.8  |
| 99       | 60.9  | 50.1  | 75.1  |



#56  
 Ethyl methacrylate  
 Concen: 1.776 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: VX008617.D  
 Acq: 03 Apr 2019 16:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 7673  |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 71.9  | 60.1  | 90.1  |
| 39       | 38.1  | 28.9  | 43.3  |

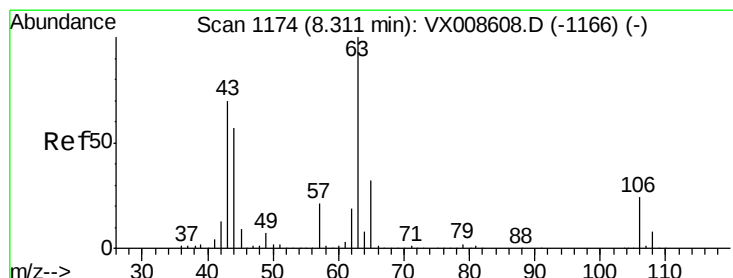
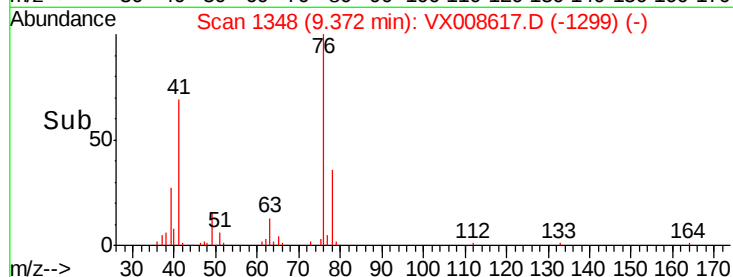
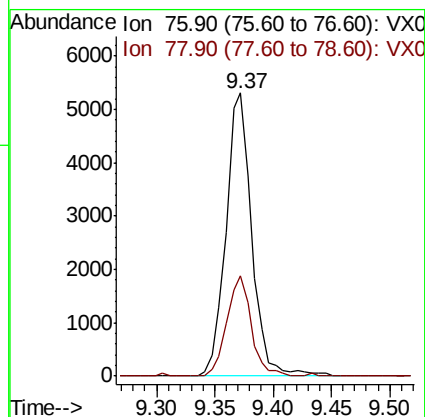
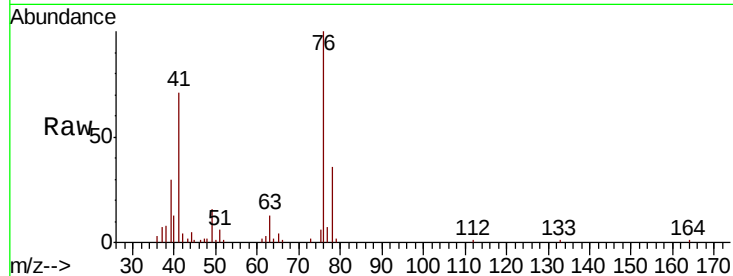




#57  
 1,3-Dichloropropane  
 Concen: 1.898 ug/l  
 RT: 9.37 min Scan# 1348  
 Delta R.T. 0.00 min  
 Lab File: VX008617.D  
 Acq: 03 Apr 2019 16:57

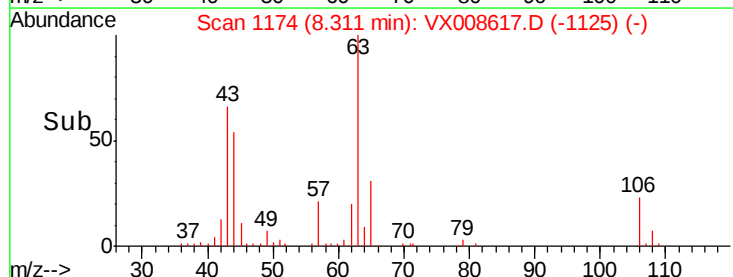
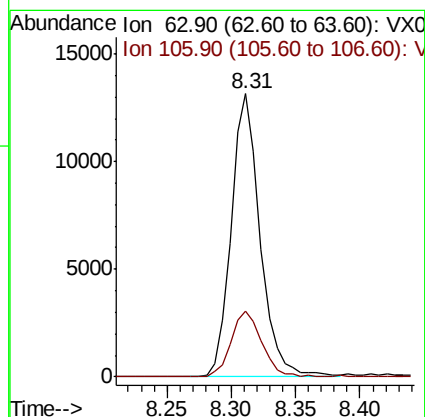
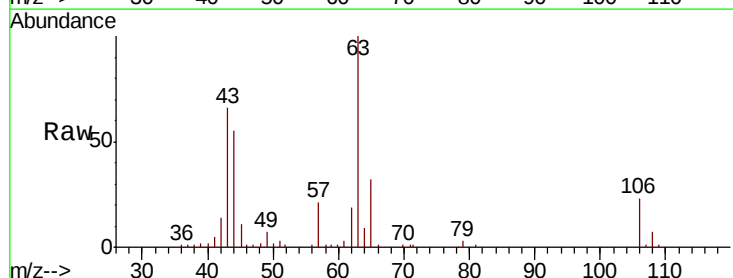
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2019

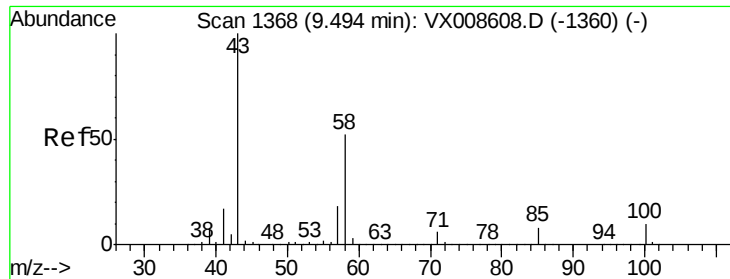
Tot Ion: 76 Resp: 8138  
 Ion Ratio Lower Upper  
 76 100  
 78 33.6 25.6 38.4



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 9.371 ug/l  
 RT: 8.31 min Scan# 1174  
 Delta R.T. 0.00 min  
 Lab File: VX008617.D  
 Acq: 03 Apr 2019 16:57

Tgt Ion: 63 Resp: 20670  
 Ion Ratio Lower Upper  
 63 100  
 106 24.4 19.0 28.6

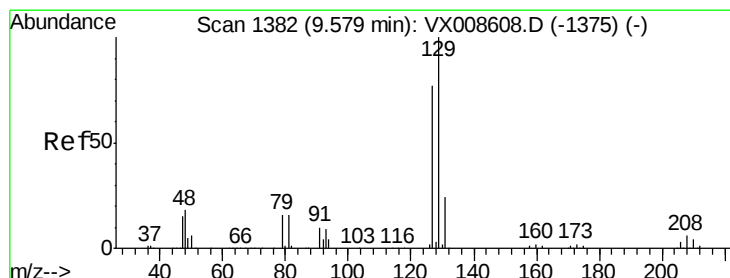
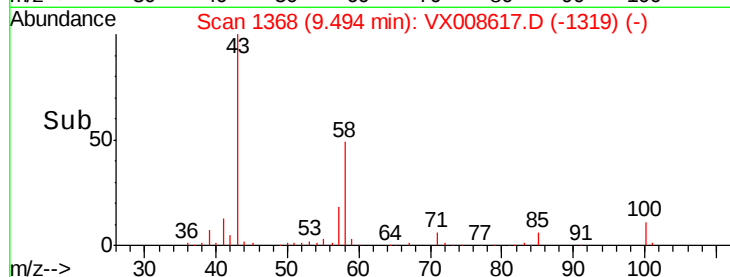
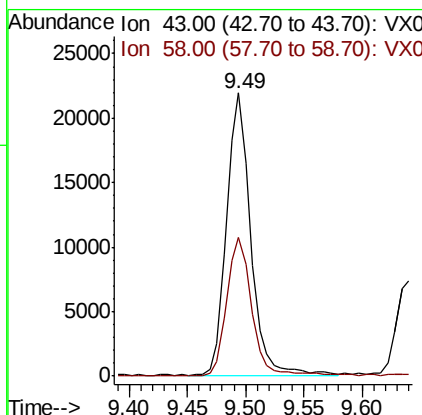
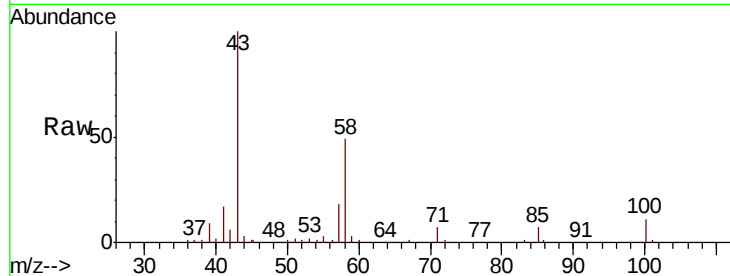




#59  
2-Hexanone  
Concen: 8.875 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. 0.00 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

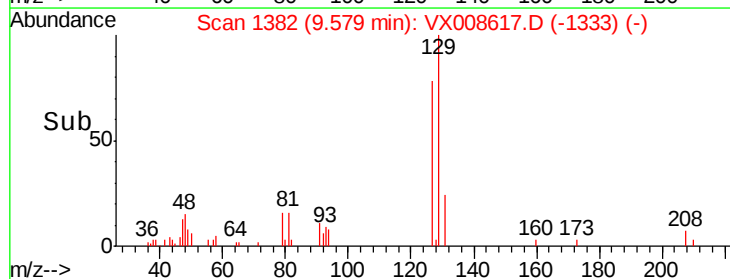
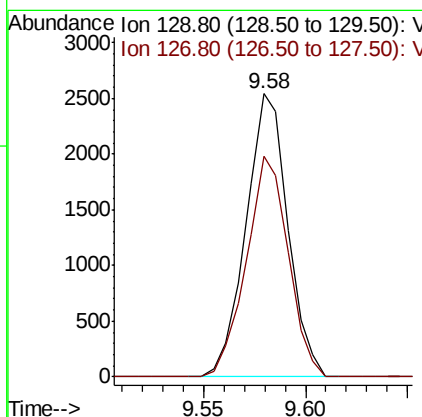
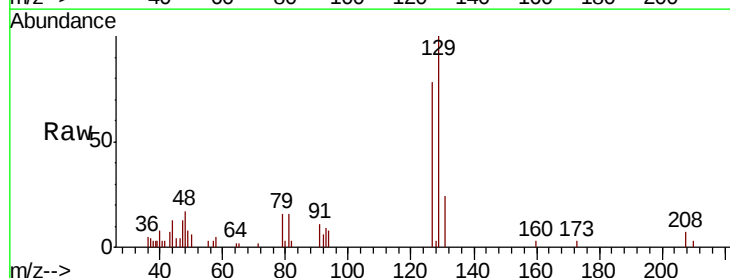
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2019

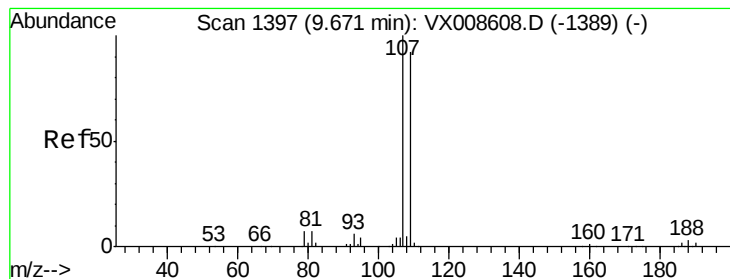
Tot Ion: 43 Resp: 31440  
Ion Ratio Lower Upper  
43 100  
58 51.2 25.9 77.7



#60  
Dibromochloromethane  
Concen: 1.614 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. 0.00 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

Tgt Ion: 129 Resp: 3632  
Ion Ratio Lower Upper  
129 100  
127 78.0 38.5 115.3





#61

1,2-Dibromoethane

Concen: 1.684 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008617.D

Acq: 03 Apr 2019 16:57

Instrument :

MSVOA\_X

ClientSampleId :

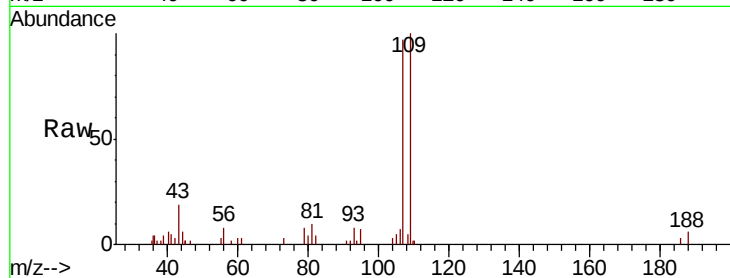
LOQ-WATER-02-QT2-2019

Tot Ion:107 Resp: 4186

Ion Ratio Lower Upper

107 100

109 102.1 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

3000

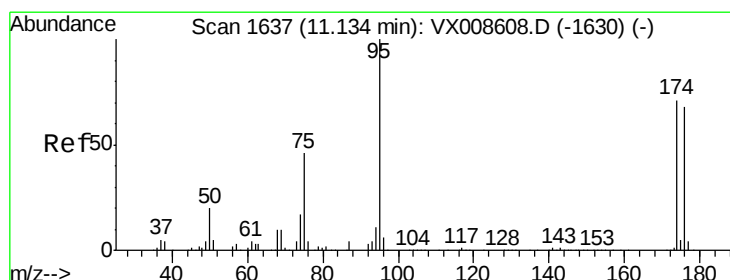
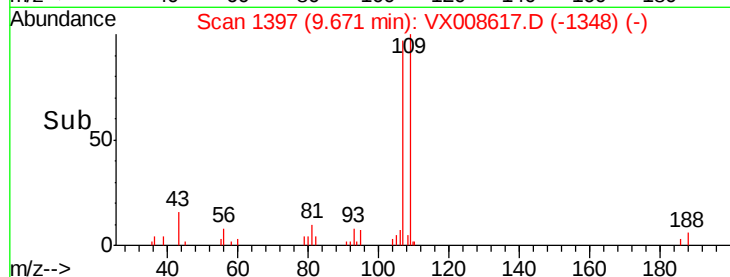
2000

1000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 48.817 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008617.D

Acq: 03 Apr 2019 16:57

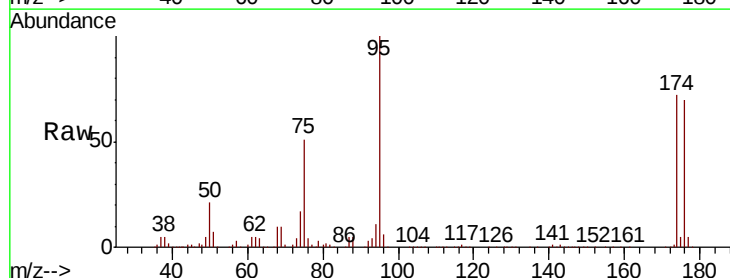
Tgt Ion: 95 Resp: 136537

Ion Ratio Lower Upper

95 100

174 75.2 0.0 151.8

176 73.5 0.0 145.8



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

150000

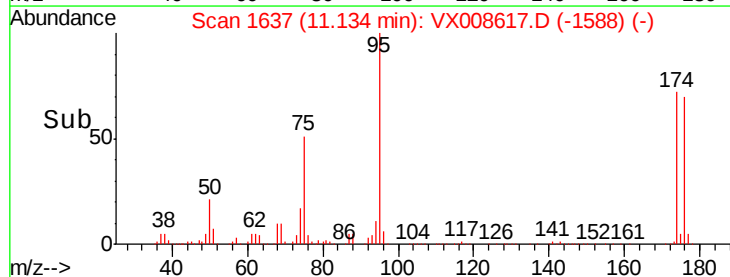
100000

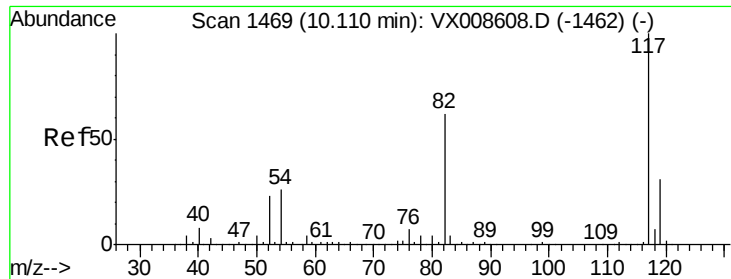
50000

0

11.10 11.20

Time-->

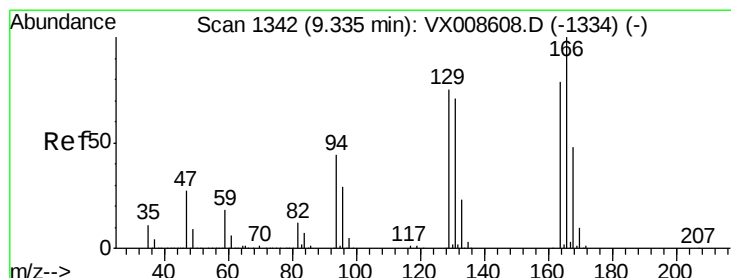
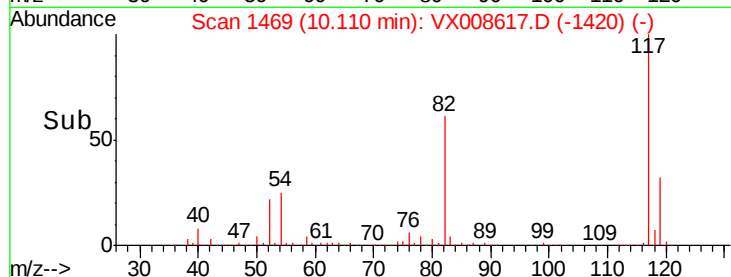
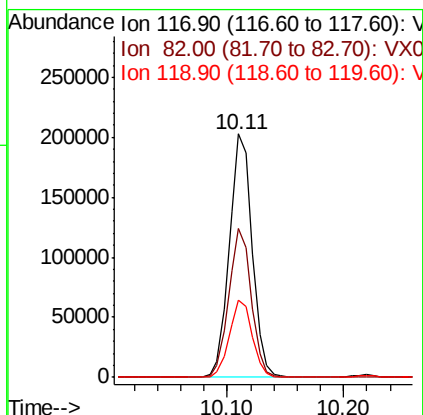
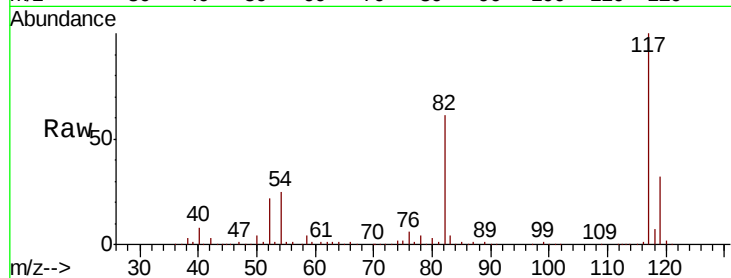




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

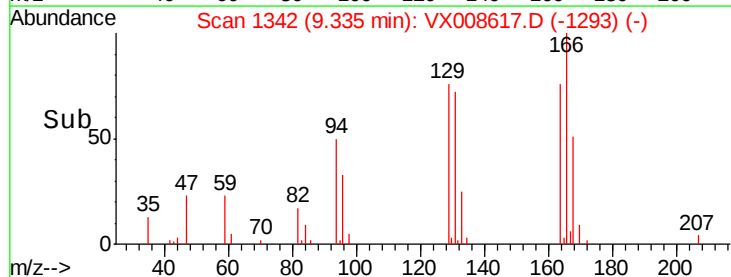
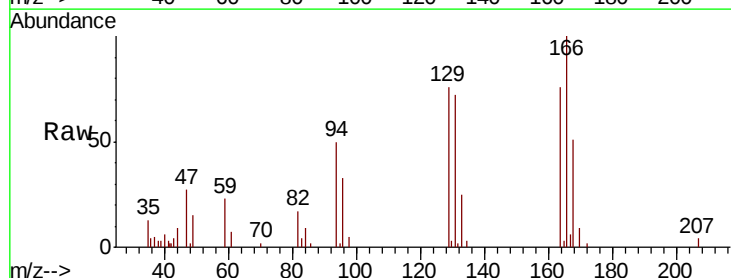
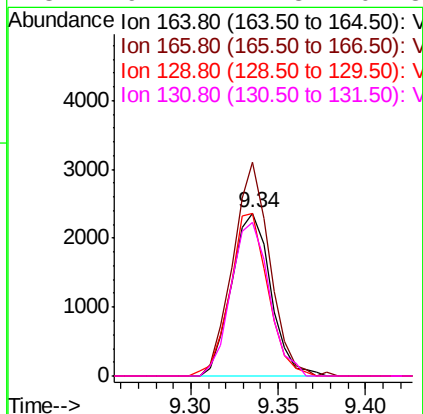
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2019

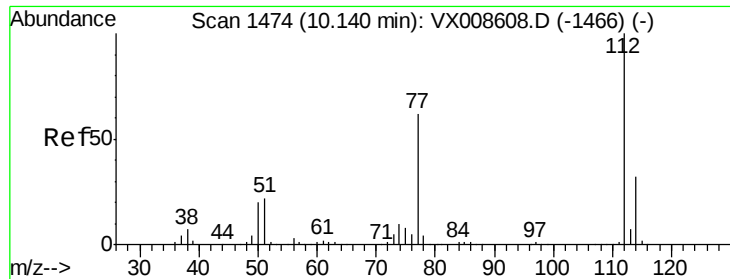
Tot Ion:117 Resp: 276790  
Ion Ratio Lower Upper  
117 100  
82 61.0 49.6 74.4  
119 31.8 25.0 37.4



#64  
Tetrachloroethene  
Concen: 1.797 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

Tgt Ion:164 Resp: 3685  
Ion Ratio Lower Upper  
164 100  
166 130.9 101.0 151.6  
129 99.5 75.8 113.8  
131 94.2 71.8 107.8

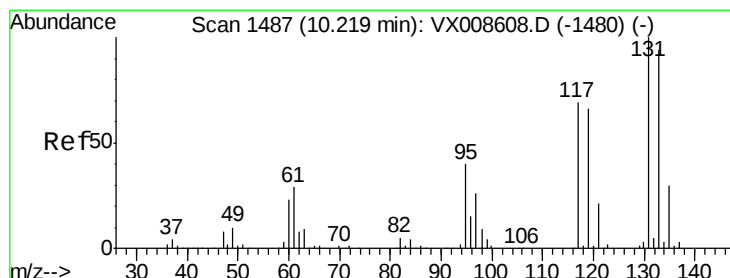
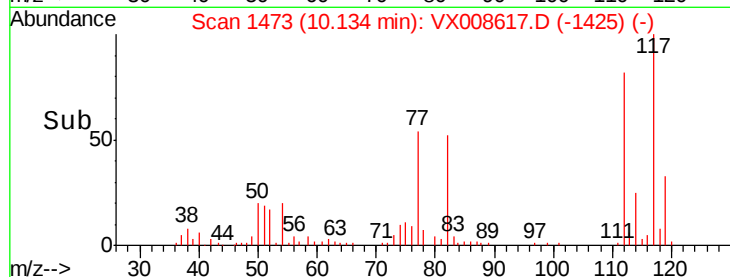
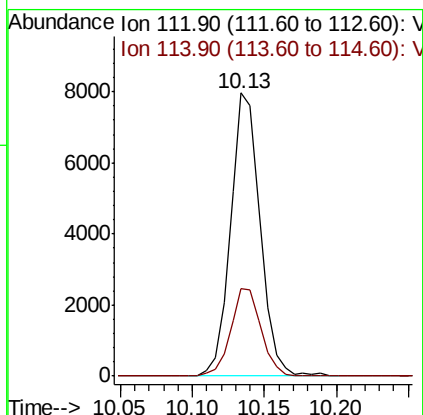
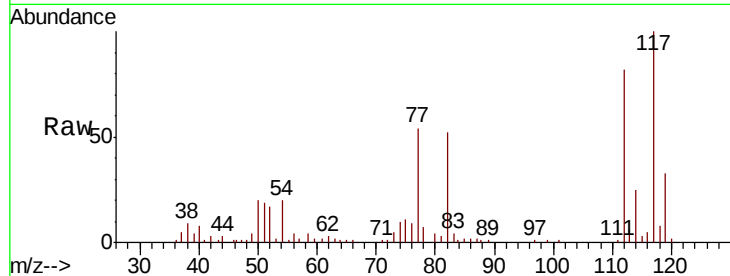




#65  
Chlorobenzene  
Concen: 1.865 ug/l  
RT: 10.13 min Scan# 1473  
Delta R.T. -0.01 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

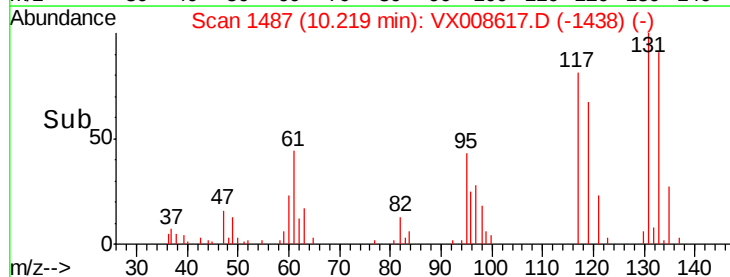
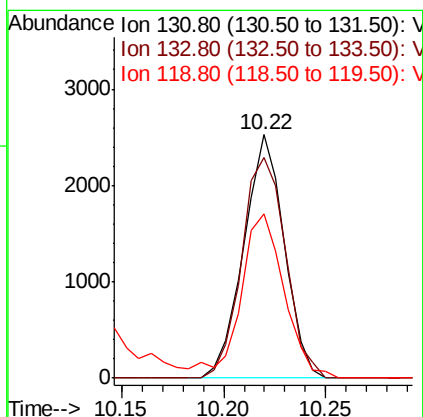
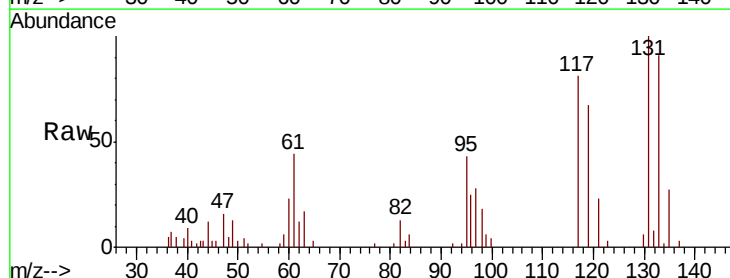
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2019

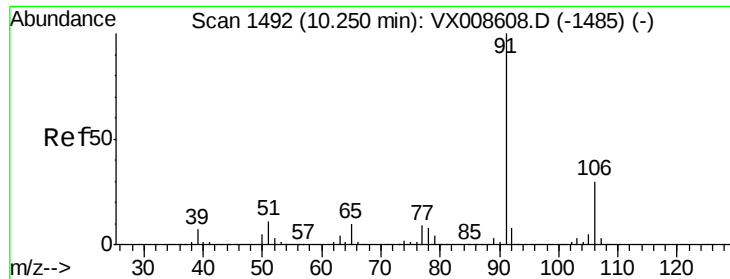
Tot Ion:112 Resp: 11443  
Ion Ratio Lower Upper  
112 100  
114 31.1 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 1.622 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. 0.00 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

Tgt Ion:131 Resp: 3492  
Ion Ratio Lower Upper  
131 100  
133 97.9 47.0 141.2  
119 0.0 33.7 101.0#

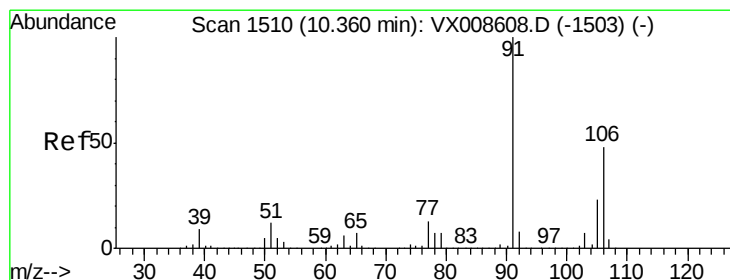
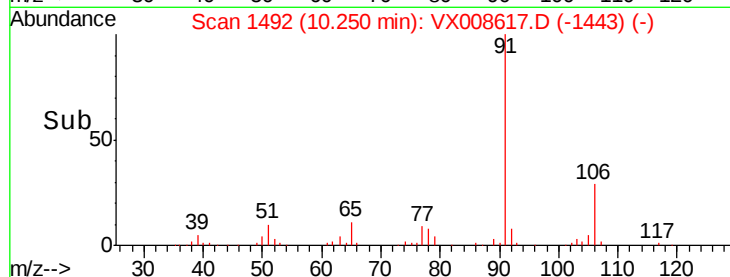
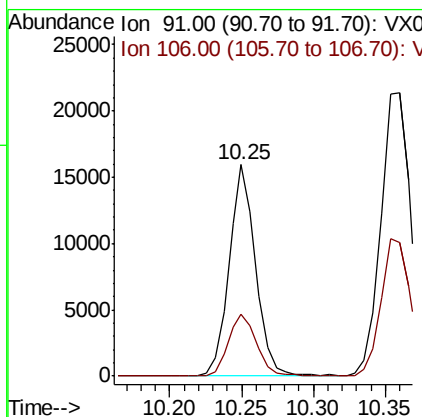
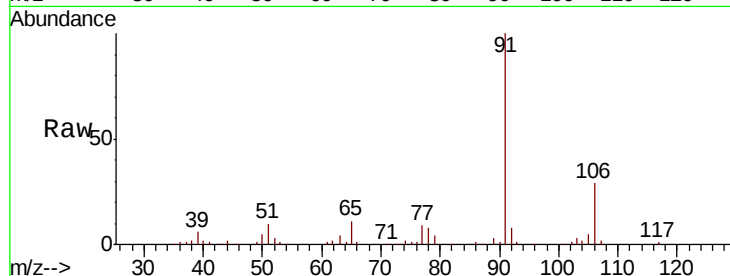




#67  
Ethyl Benzene  
Concen: 1.798 ug/l  
RT: 10.25 min Scan# 1492  
Delta R.T. 0.00 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

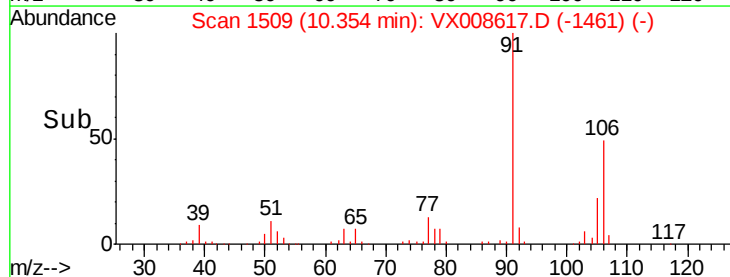
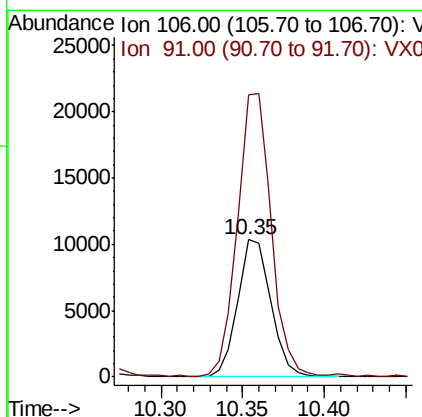
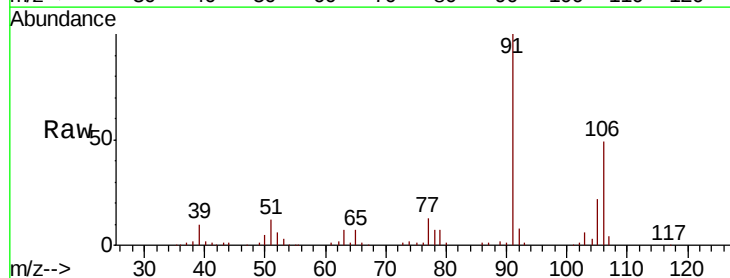
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2019

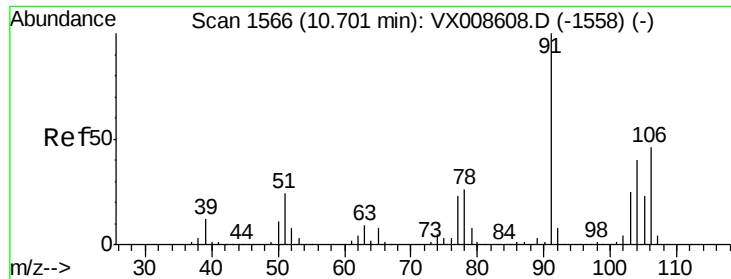
Tot Ion: 91 Resp: 20568  
Ion Ratio Lower Upper  
91 100  
106 29.1 23.7 35.5



#68  
m/p-Xylenes  
Concen: 3.590 ug/l  
RT: 10.35 min Scan# 1509  
Delta R.T. -0.01 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

Tgt Ion: 106 Resp: 14768  
Ion Ratio Lower Upper  
106 100  
91 208.1 168.5 252.7

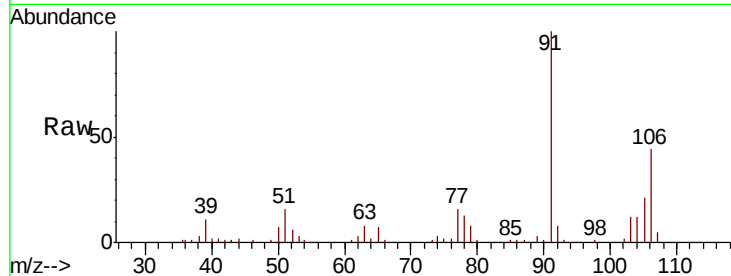




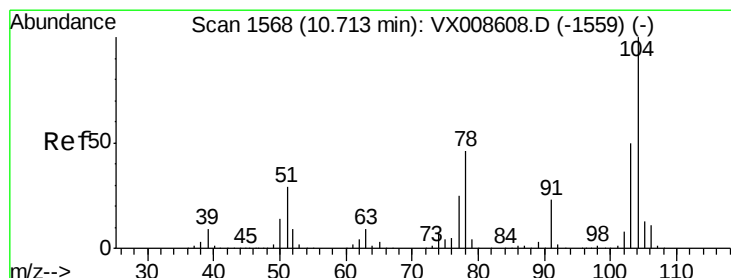
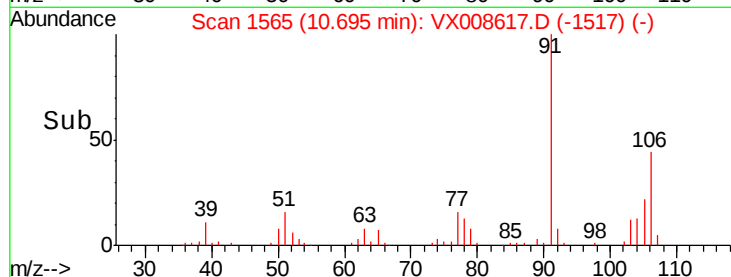
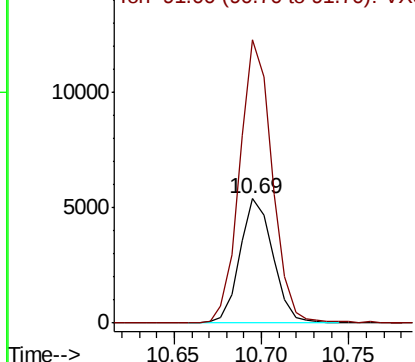
#69  
o-Xylene  
Concen: 1.787 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. -0.01 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2019

Tot Ion:106 Resp: 7122  
Ion Ratio Lower Upper  
106 100  
91 223.7 111.5 334.4

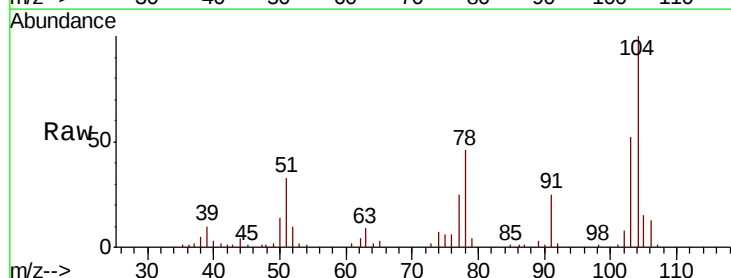


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

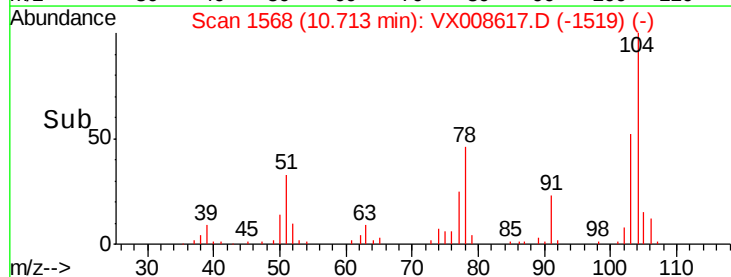
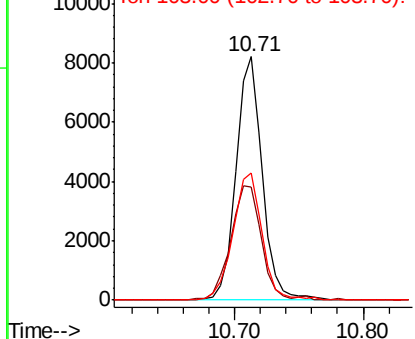


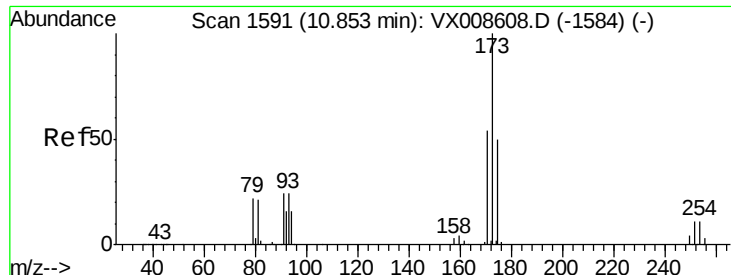
#70  
Styrene  
Concen: 1.691 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

Tgt Ion:104 Resp: 11620  
Ion Ratio Lower Upper  
104 100  
78 54.6 42.3 63.5  
103 58.3 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VX0  
Ion 103.00 (102.70 to 103.70): V

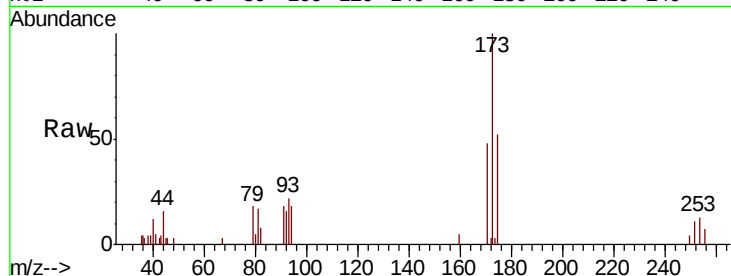




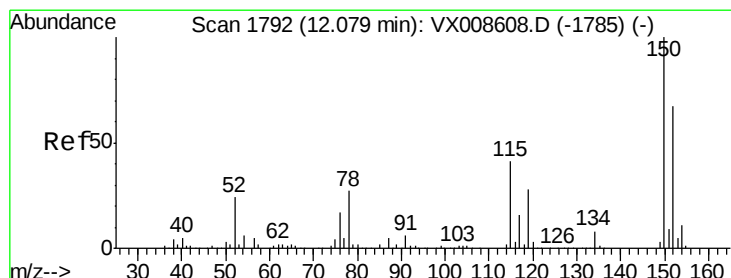
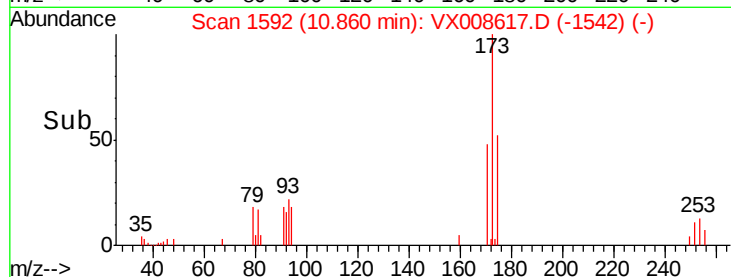
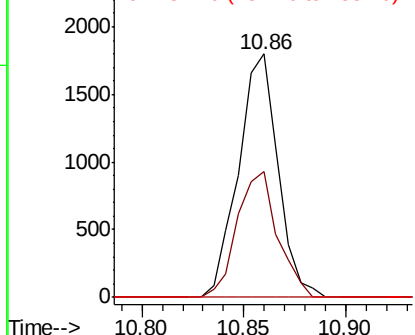
#71  
Bromoform  
Concen: 1.474 ug/l  
RT: 10.86 min Scan# 1592  
Delta R.T. 0.01 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2019

Tot Ion:173 Resp: 2423  
Ion Ratio Lower Upper  
173 100  
175 52.9 24.9 74.6  
254 0.0 0.1 0.1#

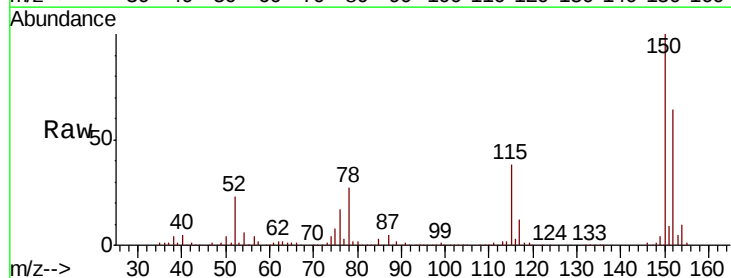


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

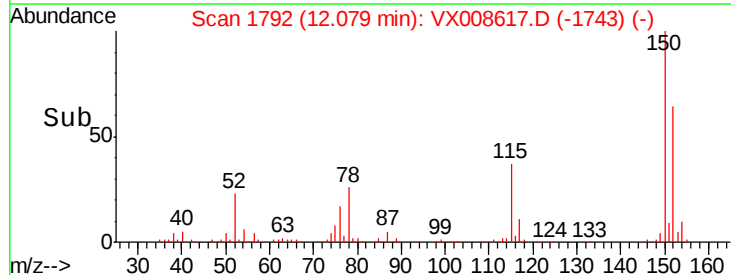
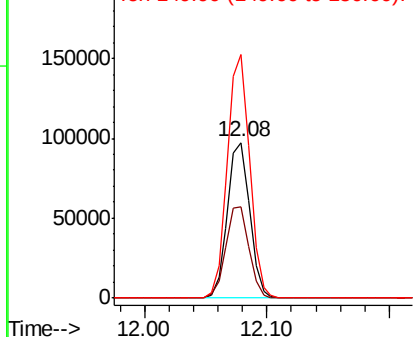


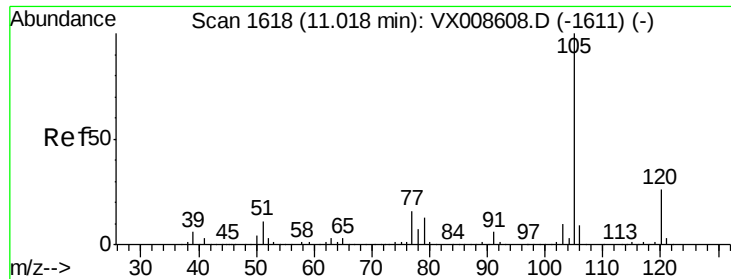
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. 0.00 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

Tgt Ion:152 Resp: 122296  
Ion Ratio Lower Upper  
152 100  
115 61.3 43.5 130.5  
150 156.2 0.0 348.8



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





#73

Isopropylbenzene

Concen: 1.855 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008617.D

Acq: 03 Apr 2019 16:57

Instrument :

MSVOA\_X

ClientSampleId :

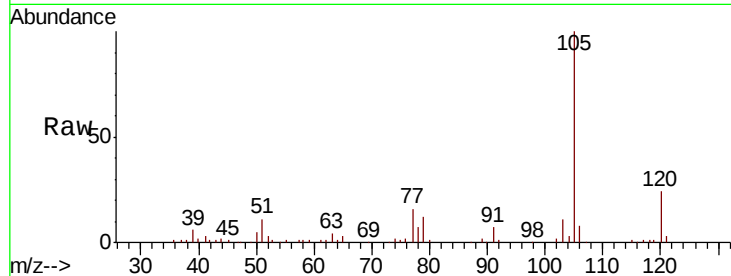
LOQ-WATER-02-QT2-2019

Tot Ion:105 Resp: 18805

Ion Ratio Lower Upper

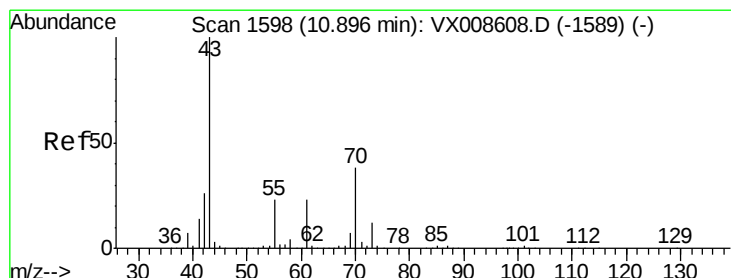
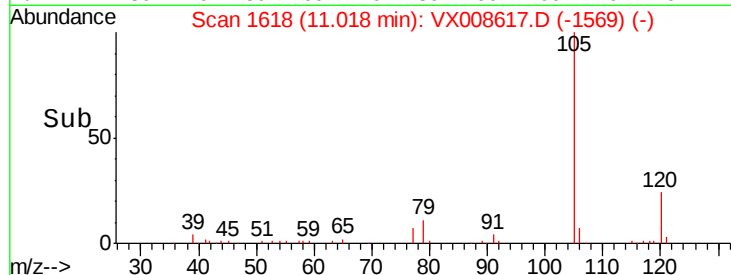
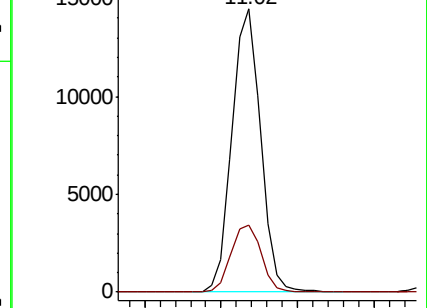
105 100

120 24.9 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.663 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008617.D

Acq: 03 Apr 2019 16:57

Tgt Ion: 43 Resp: 9918

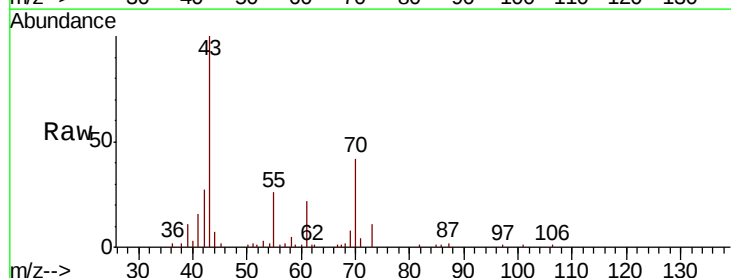
Ion Ratio Lower Upper

43 100

70 40.9 30.2 45.4

55 25.4 18.2 27.4

61 22.5 18.6 28.0

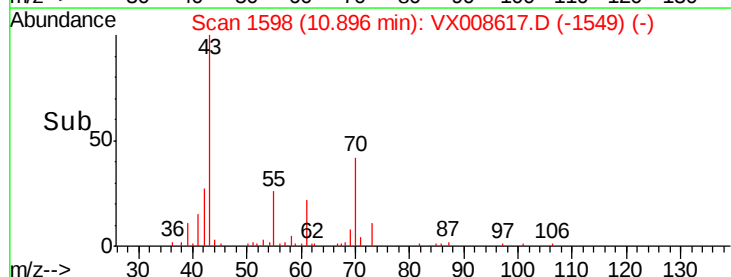
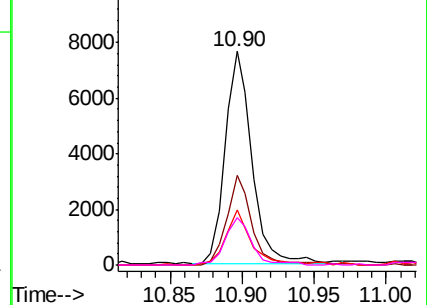


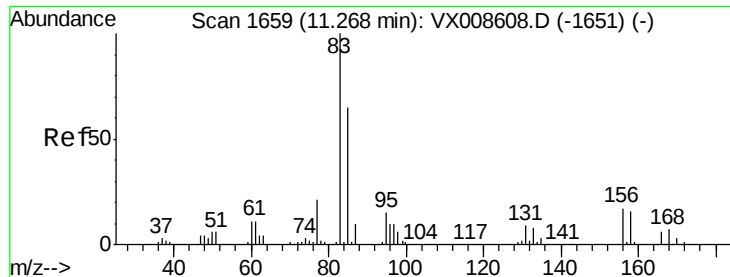
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 1.942 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008617.D

Acq: 03 Apr 2019 16:57

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT2-2019

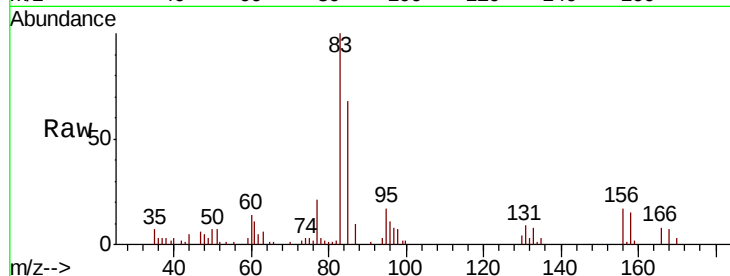
Tot Ion: 83 Resp: 7485

Ion Ratio Lower Upper

83 100

131 9.3 4.5 13.7

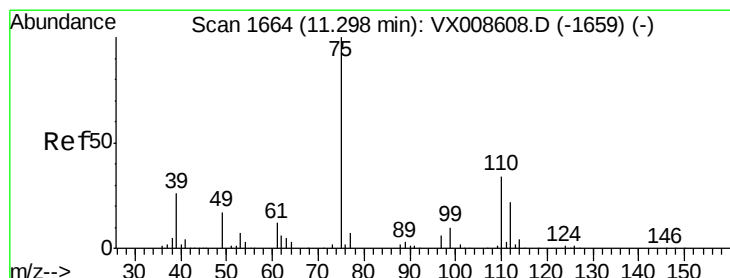
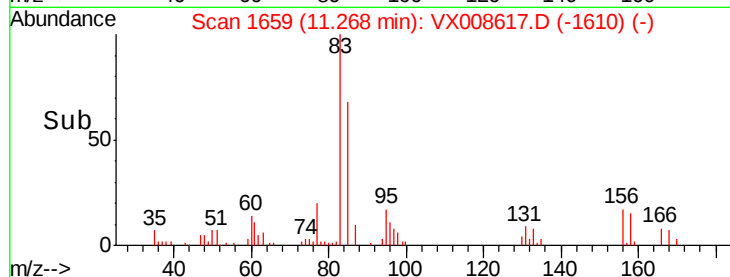
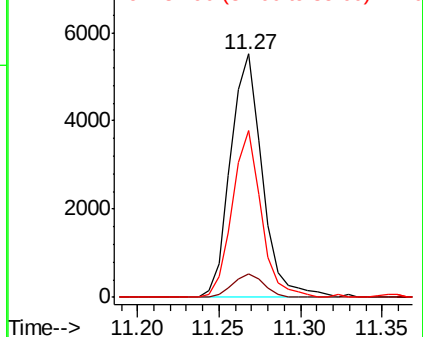
85 62.4 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 2.237 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008617.D

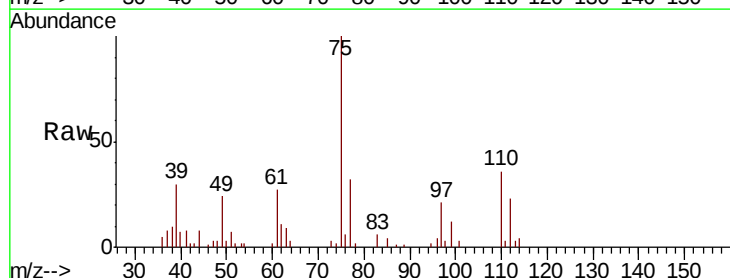
Acq: 03 Apr 2019 16:57

Tgt Ion: 75 Resp: 7517

Ion Ratio Lower Upper

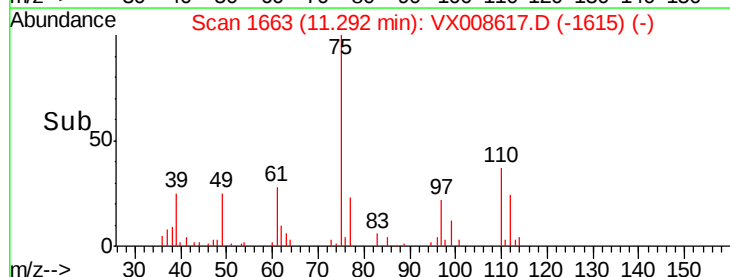
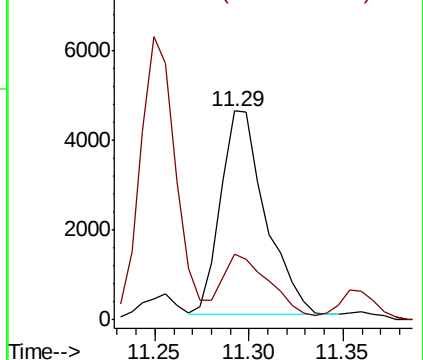
75 100

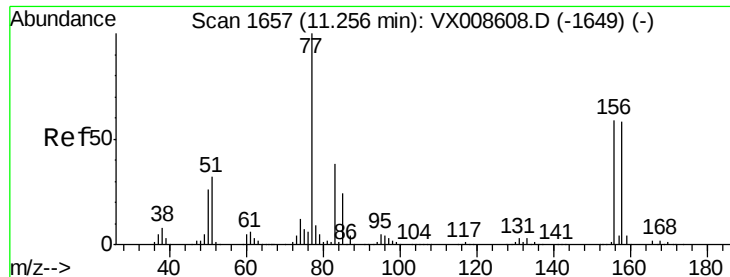
77 33.7 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.963 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008617.D

Acq: 03 Apr 2019 16:57

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT2-2019

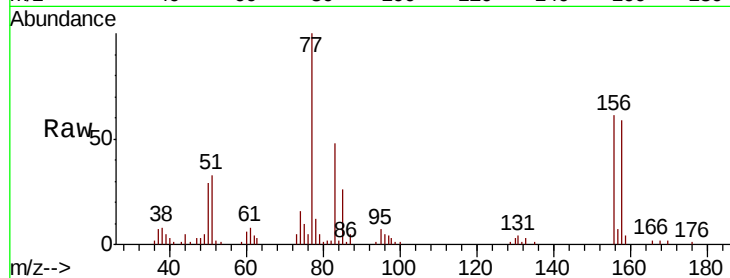
Tot Ion:156 Resp: 4783

Ion Ratio Lower Upper

156 100

77 175.0 89.8 269.6

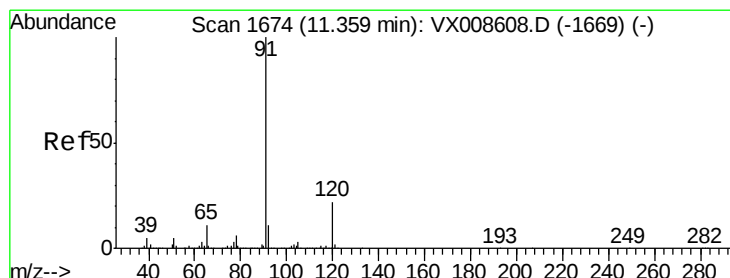
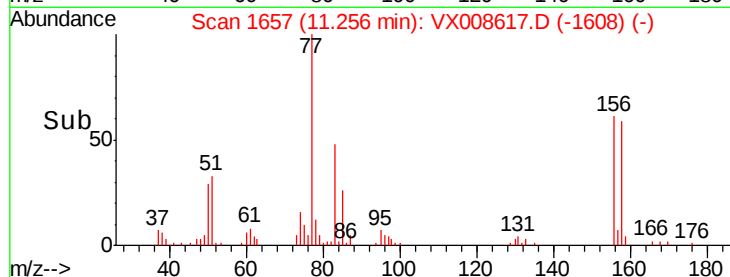
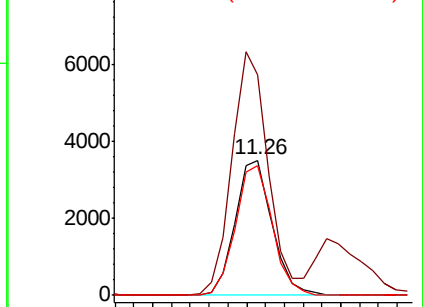
158 95.4 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 1.756 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008617.D

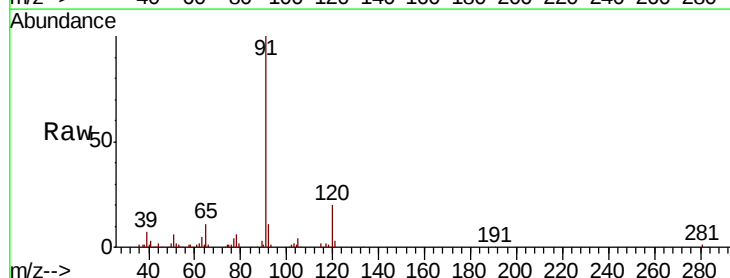
Acq: 03 Apr 2019 16:57

Tgt Ion: 91 Resp: 20725

Ion Ratio Lower Upper

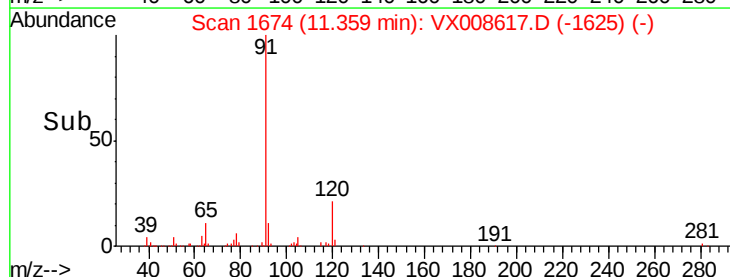
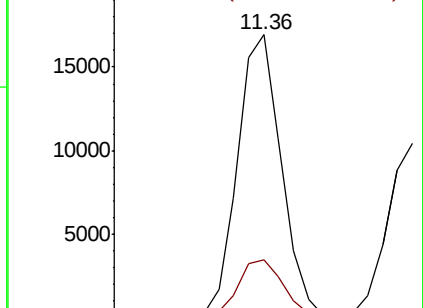
91 100

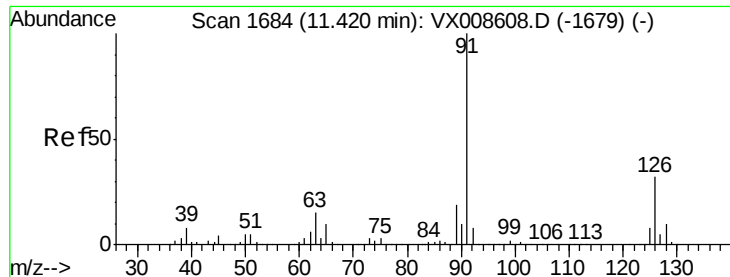
120 21.8 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

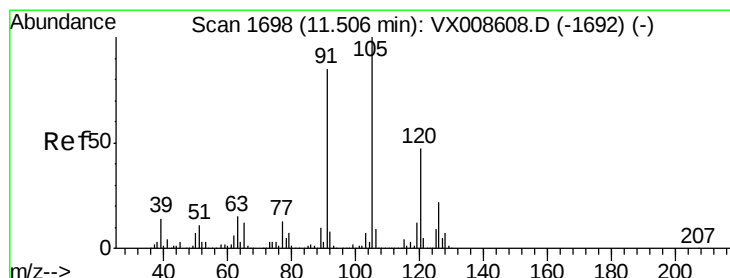
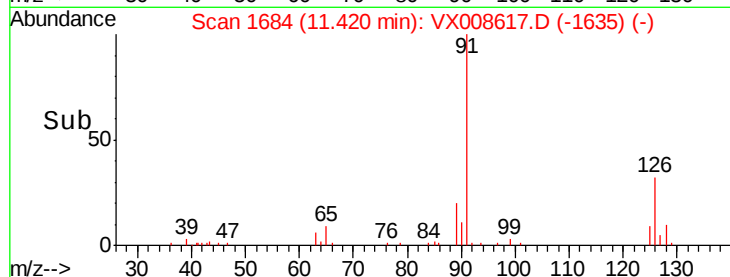
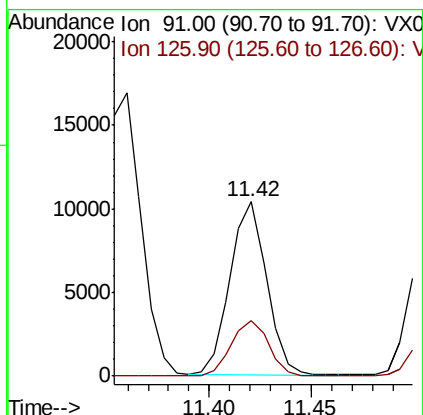
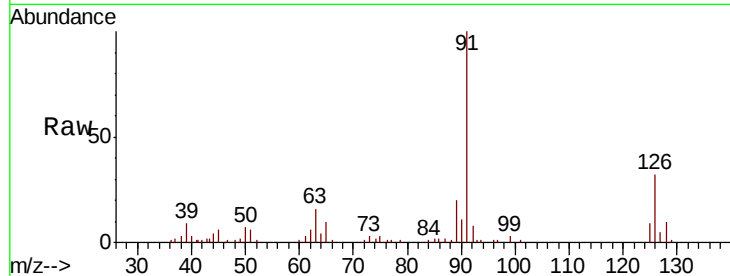




#79  
 2-Chlorotoluene  
 Concen: 1.807 ug/l  
 RT: 11.42 min Scan# 1684  
 Delta R.T. 0.00 min  
 Lab File: VX008617.D  
 Acq: 03 Apr 2019 16:57

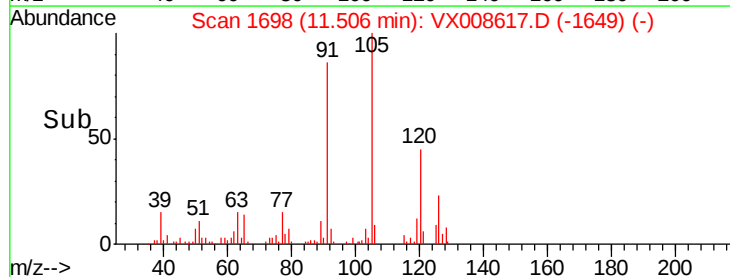
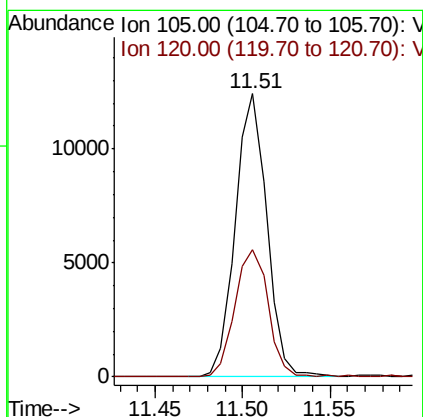
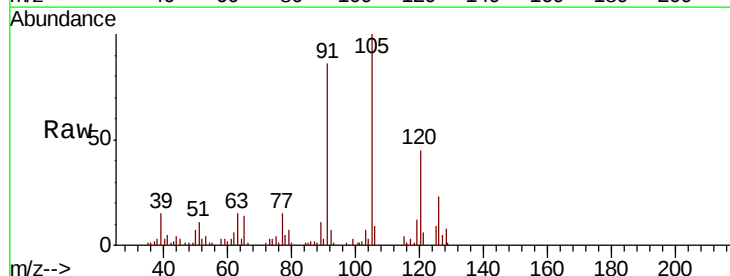
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2019

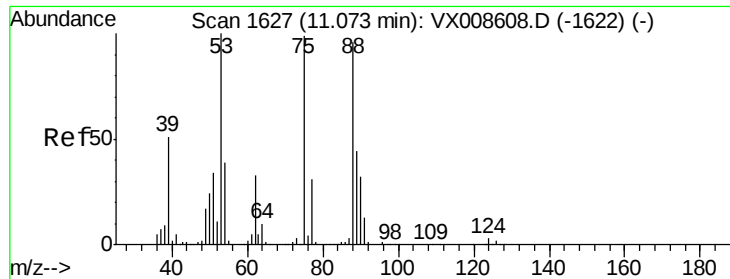
Tot Ion: 91 Resp: 12902  
 Ion Ratio Lower Upper  
 91 100  
 126 32.4 16.1 48.3



#80  
 1,3,5-Trimethylbenzene  
 Concen: 1.833 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. 0.00 min  
 Lab File: VX008617.D  
 Acq: 03 Apr 2019 16:57

Tgt Ion: 105 Resp: 15598  
 Ion Ratio Lower Upper  
 105 100  
 120 47.4 23.5 70.6

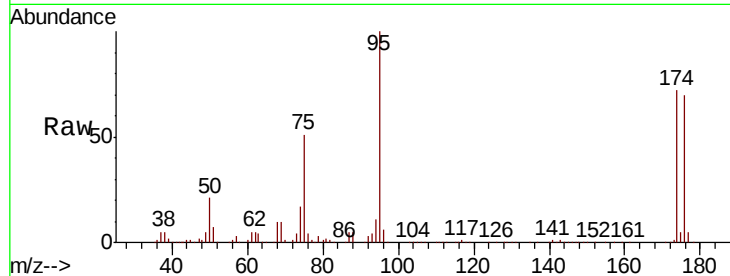




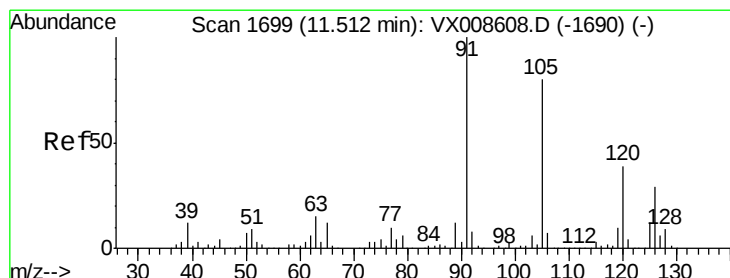
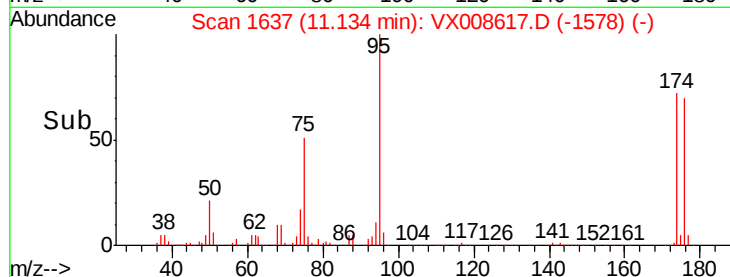
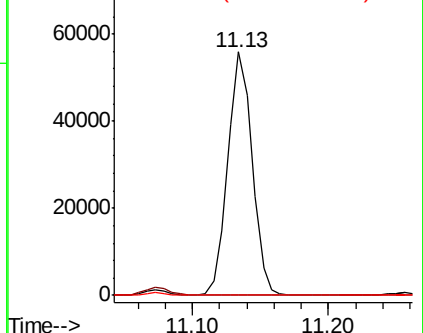
#81  
trans-1,4-Dichloro-2-butene  
Concen: 57.411 ug/l  
RT: 11.13 min Scan# 1637  
Delta R.T. 0.06 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2019

Tot Ion: 75 Resp: 69971  
Ion Ratio Lower Upper  
75 100  
53 0.0 81.3 121.9#  
89 0.0 35.6 53.4#

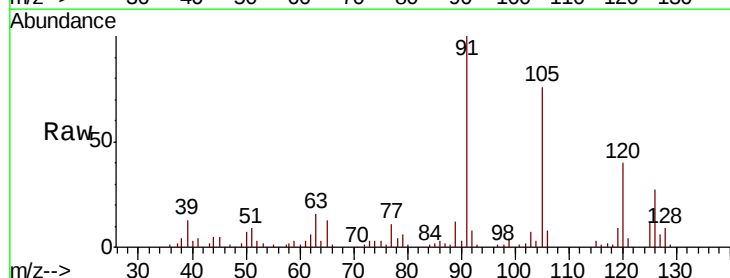


Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 53.00 (52.70 to 53.70): VX0  
Ion 88.90 (88.60 to 89.60): VX0

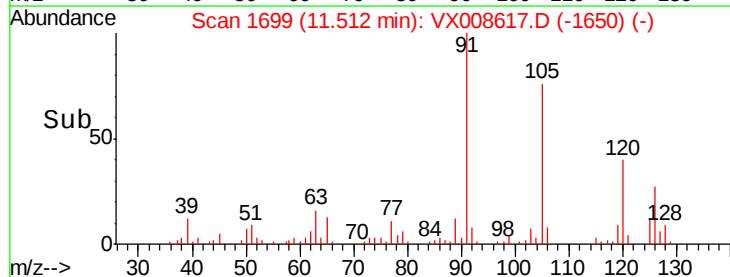
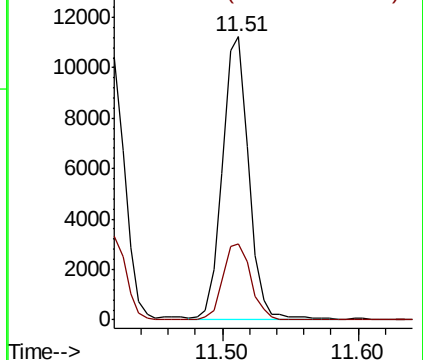


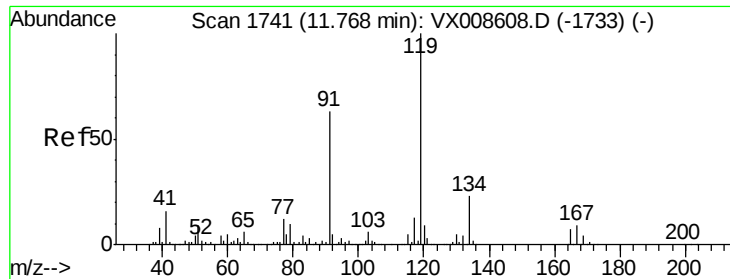
#82  
4-Chlorotoluene  
Concen: 1.832 ug/l  
RT: 11.51 min Scan# 1699  
Delta R.T. 0.00 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

Tgt Ion: 91 Resp: 15148  
Ion Ratio Lower Upper  
91 100  
126 28.3 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0  
Ion 125.90 (125.60 to 126.60): V

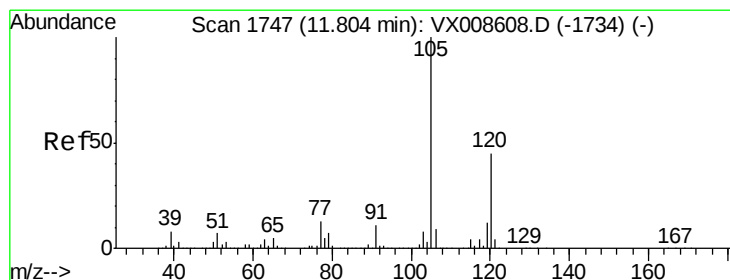
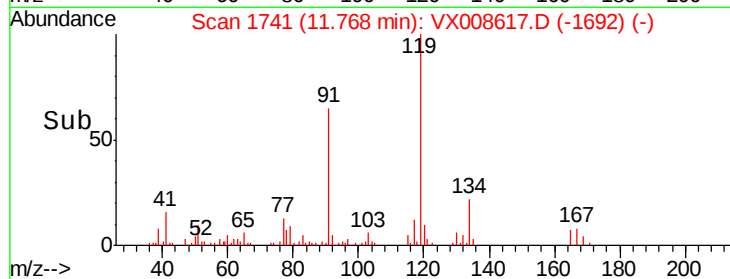
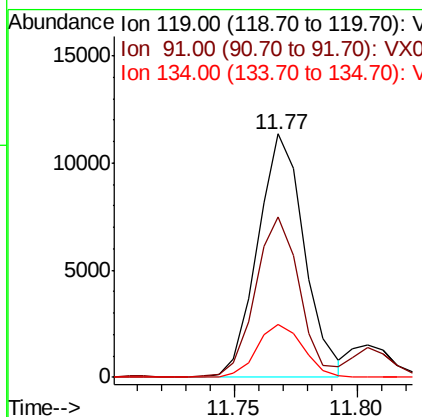
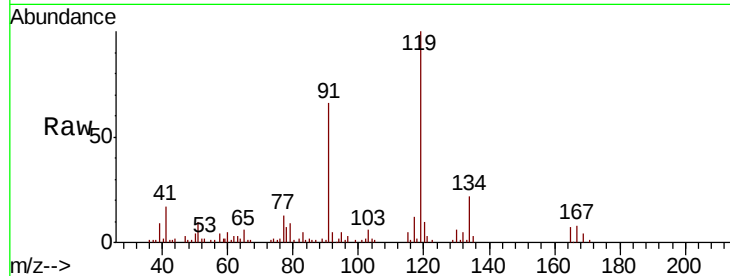




#83  
 tert-Butylbenzene  
 Concen: 1.836 ug/l  
 RT: 11.77 min Scan# 1741  
 Delta R.T. 0.00 min  
 Lab File: VX008617.D  
 Acq: 03 Apr 2019 16:57

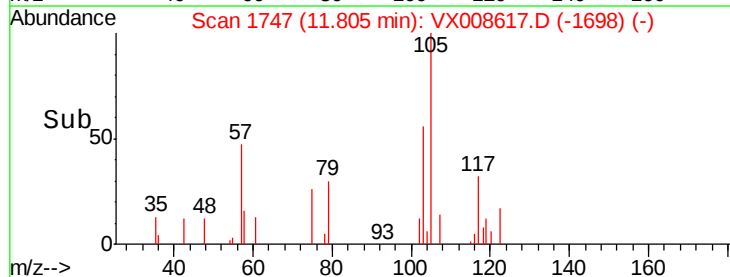
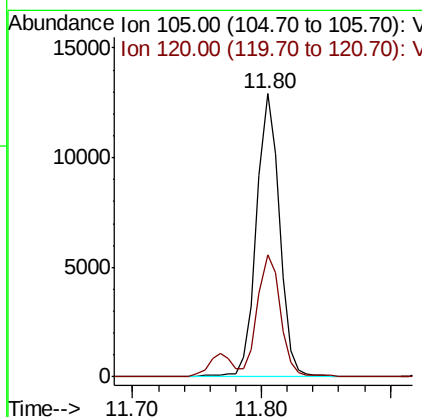
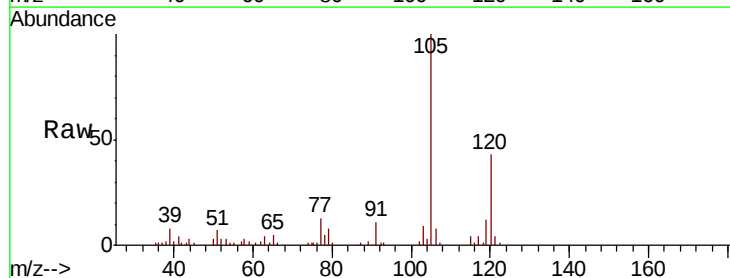
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2019

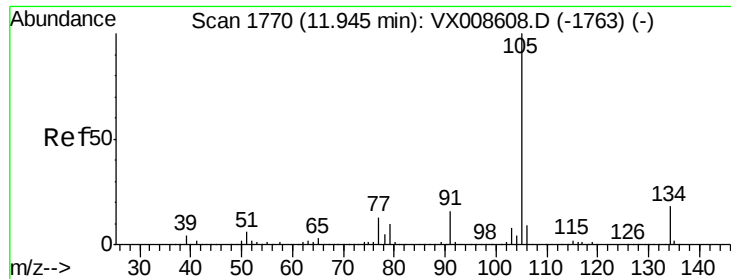
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 63.0  | 30.0  | 90.1  |
| 134     | 21.6  | 11.1  | 33.3  |



#84  
 1,2,4-Trimethylbenzene  
 Concen: 1.834 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. 0.00 min  
 Lab File: VX008617.D  
 Acq: 03 Apr 2019 16:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 43.1  | 21.8  | 65.3  |





#85

sec-Butylbenzene

Concen: 1.852 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008617.D

Acq: 03 Apr 2019 16:57

Instrument :

MSVOA\_X

ClientSampleId :

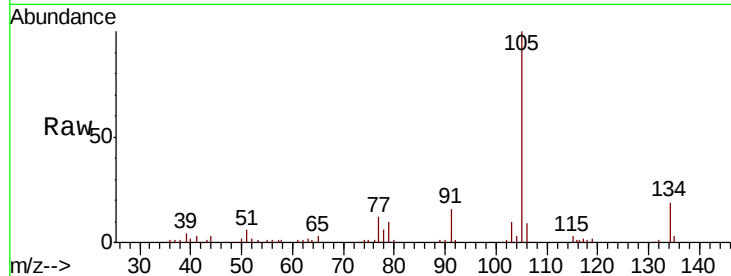
LOQ-WATER-02-QT2-2019

Tot Ion:105 Resp: 18008

Ion Ratio Lower Upper

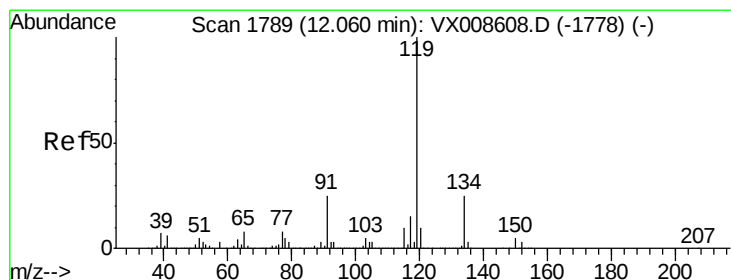
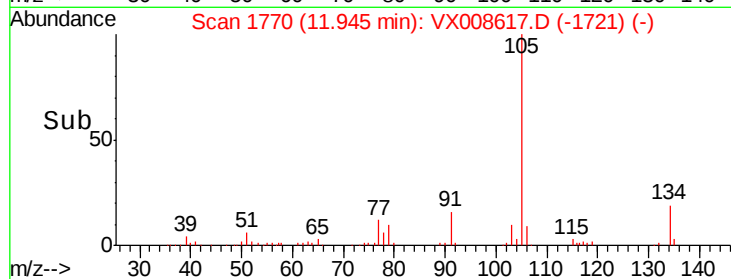
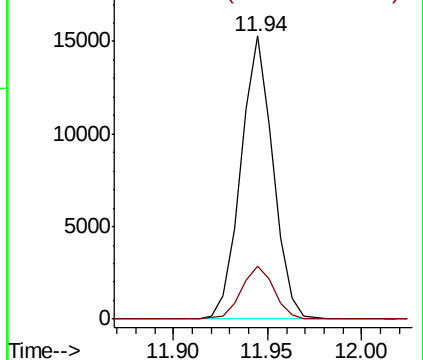
105 100

134 18.9 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.741 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008617.D

Acq: 03 Apr 2019 16:57

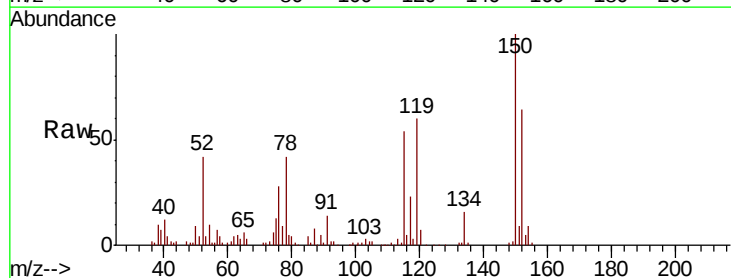
Tgt Ion:119 Resp: 15190

Ion Ratio Lower Upper

119 100

134 26.1 12.8 38.4

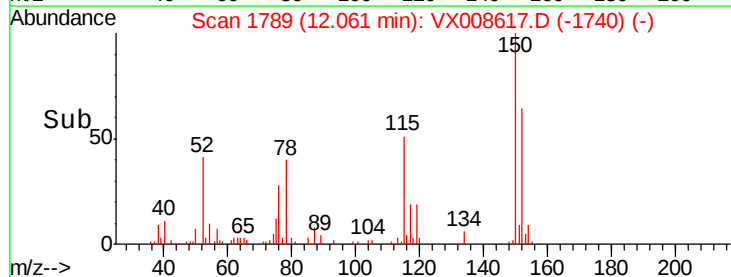
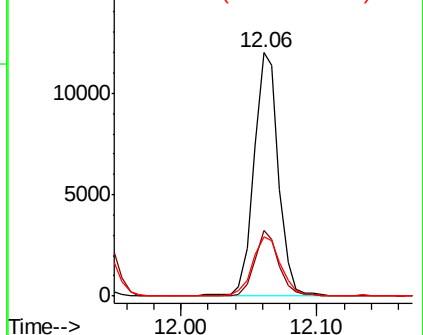
91 28.0 12.2 36.6

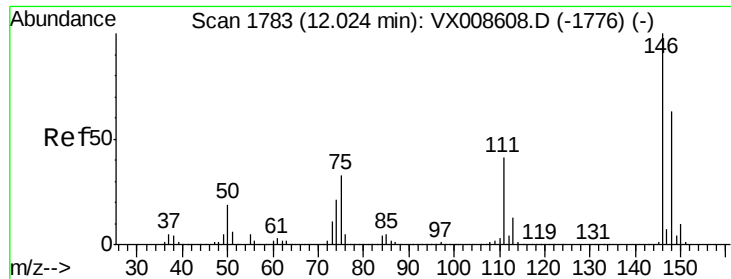


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 1.839 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX008617.D

Acq: 03 Apr 2019 16:57

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT2-2019

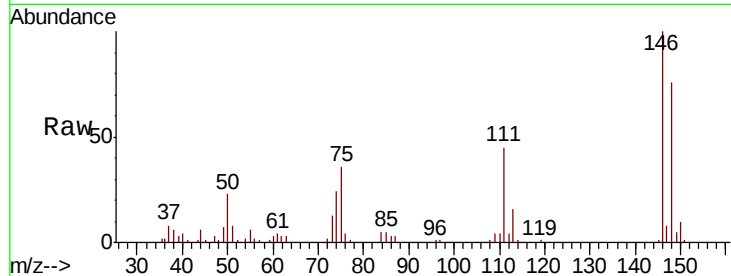
Tot Ion:146 Resp: 8023

Ion Ratio Lower Upper

146 100

111 44.0 20.5 61.5

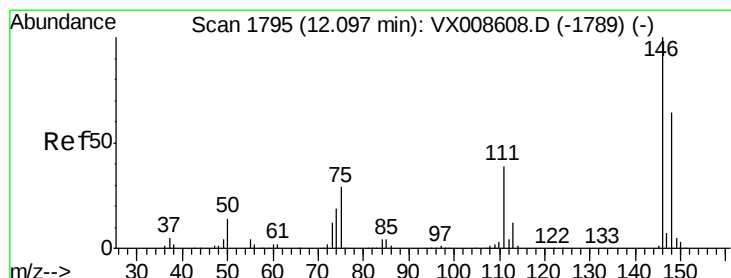
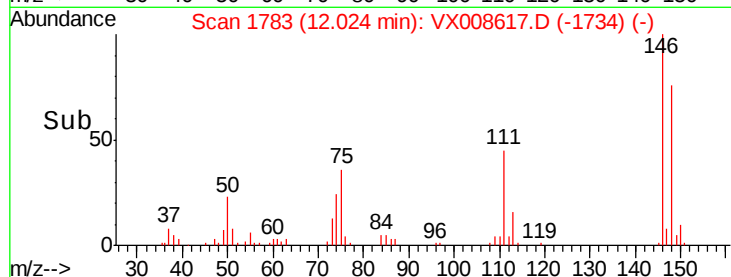
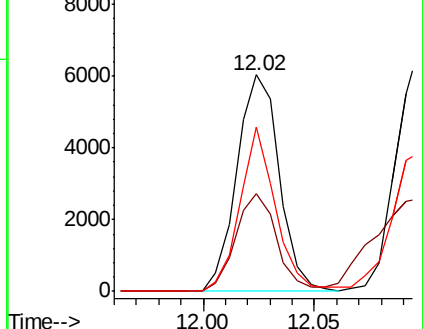
148 63.8 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 1.816 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.07 min

Lab File: VX008617.D

Acq: 03 Apr 2019 16:57

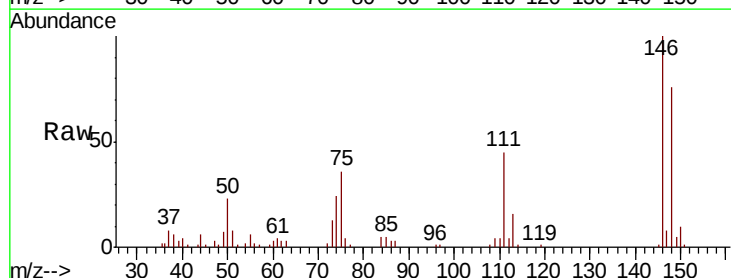
Tgt Ion:146 Resp: 8023

Ion Ratio Lower Upper

146 100

111 44.0 20.2 60.6

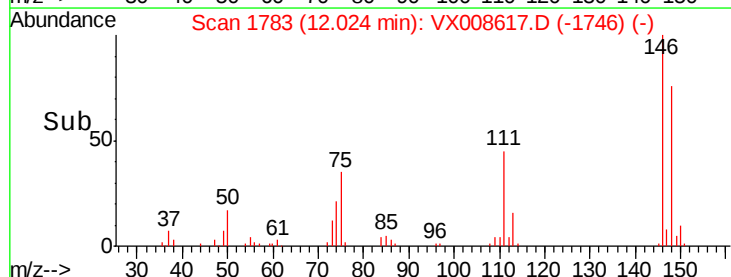
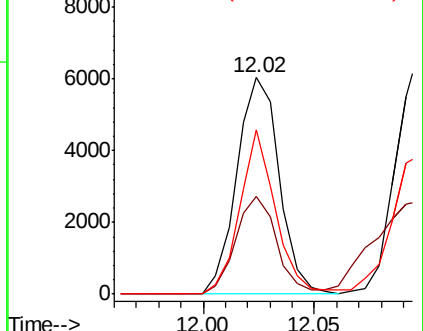
148 63.8 32.0 96.0

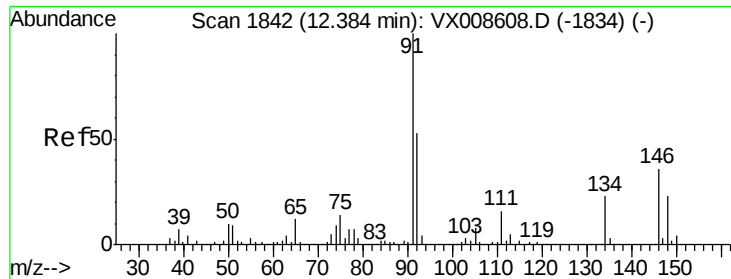


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

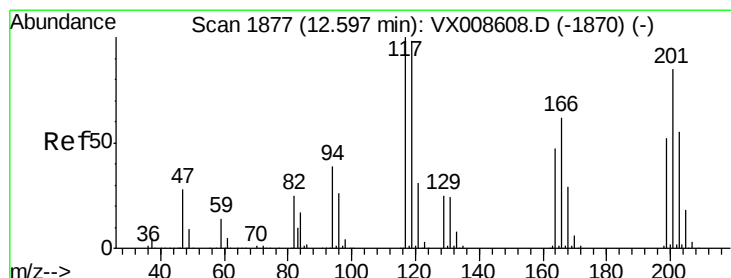
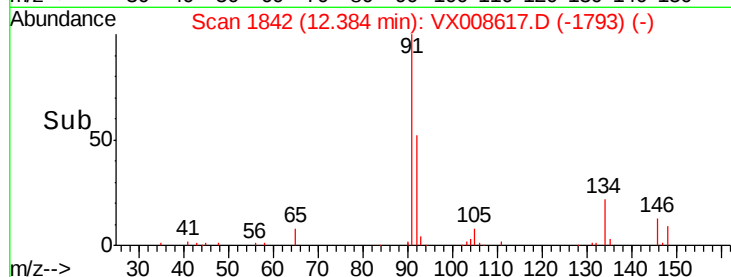
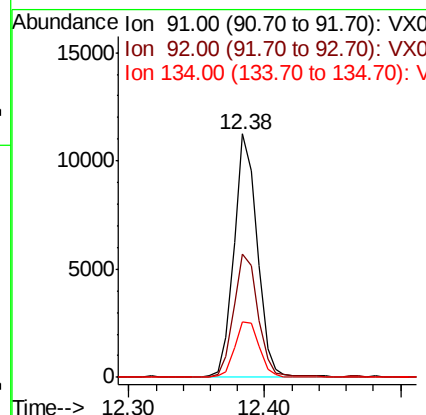
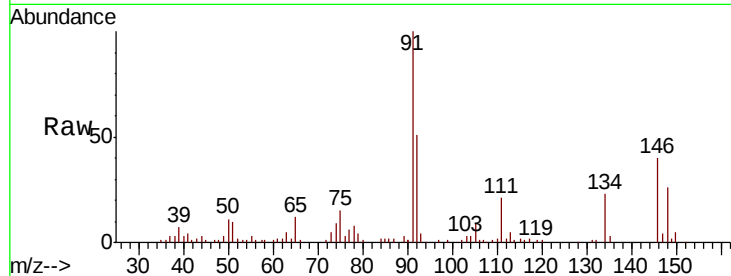




#89  
n-Butylbenzene  
Concen: 1.639 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. 0.00 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

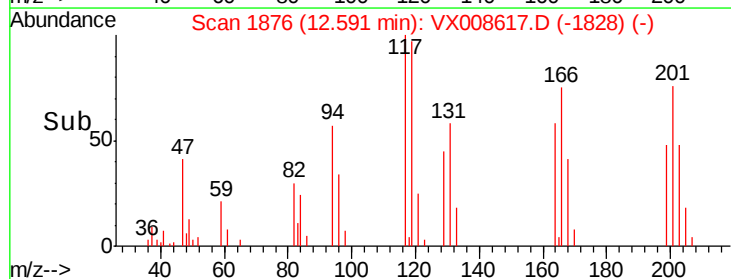
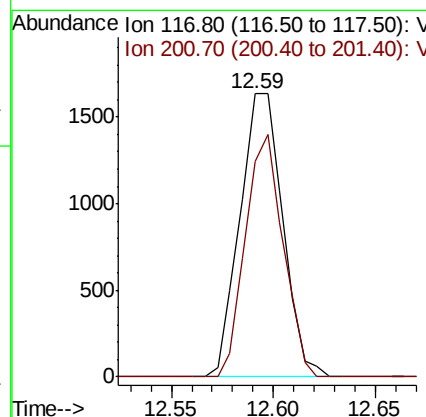
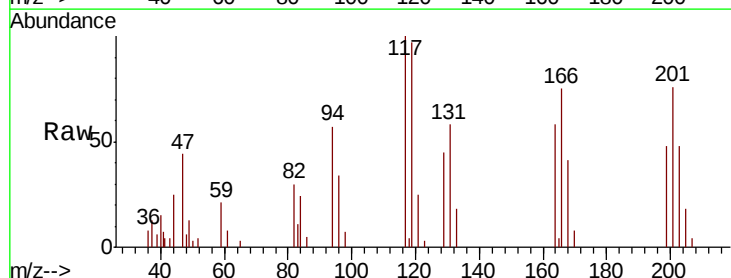
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2019

Tot Ion: 91 Resp: 13415  
Ion Ratio Lower Upper  
91 100  
92 52.9 26.4 79.2  
134 24.0 12.0 36.0



#90  
Hexachloroethane  
Concen: 1.649 ug/l  
RT: 12.59 min Scan# 1876  
Delta R.T. -0.01 min  
Lab File: VX008617.D  
Acq: 03 Apr 2019 16:57

Tgt Ion: 117 Resp: 2386  
Ion Ratio Lower Upper  
117 100  
201 75.2 40.6 122.0

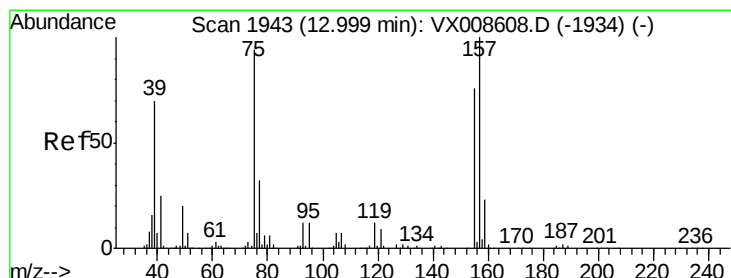
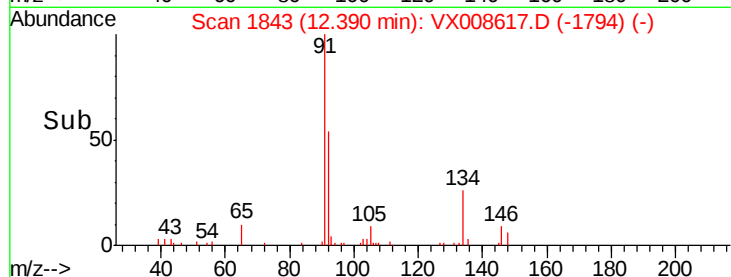
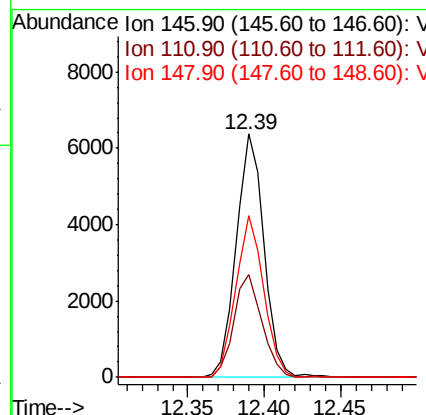
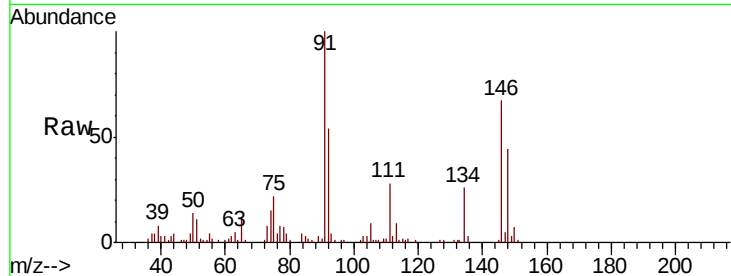




#91  
 1,2-Dichlorobenzene  
 Concen: 1.859 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. 0.00 min  
 Lab File: VX008617.D  
 Acq: 03 Apr 2019 16:57

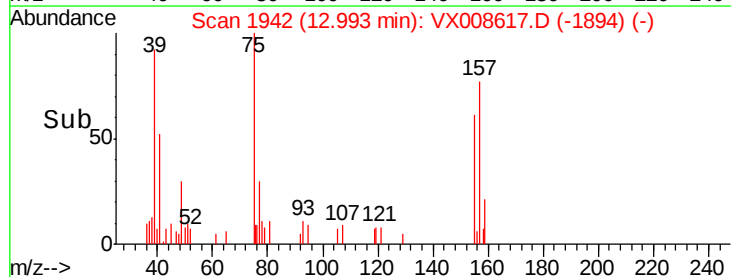
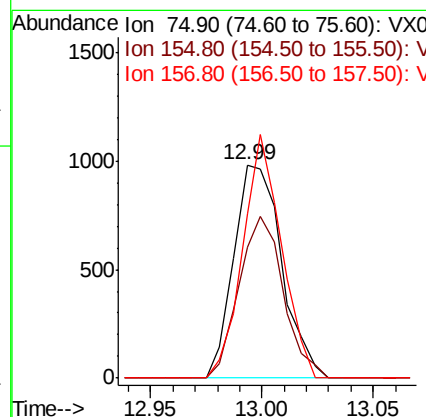
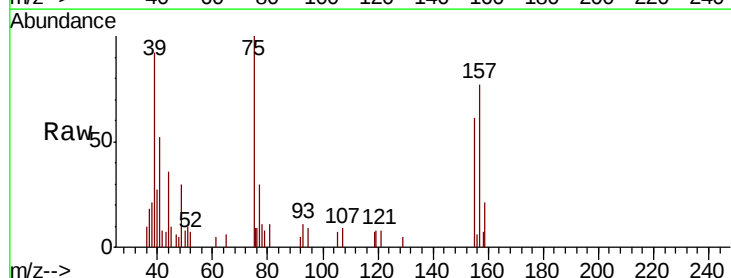
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2019

Tot Ion:146 Resp: 8052  
 Ion Ratio Lower Upper  
 146 100  
 111 42.6 21.3 63.9  
 148 65.9 31.7 95.1



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 1.735 ug/l  
 RT: 12.99 min Scan# 1942  
 Delta R.T. -0.01 min  
 Lab File: VX008617.D  
 Acq: 03 Apr 2019 16:57

Tgt Ion: 75 Resp: 1471  
 Ion Ratio Lower Upper  
 75 100  
 155 70.4 39.9 119.6  
 157 91.9 51.5 154.7

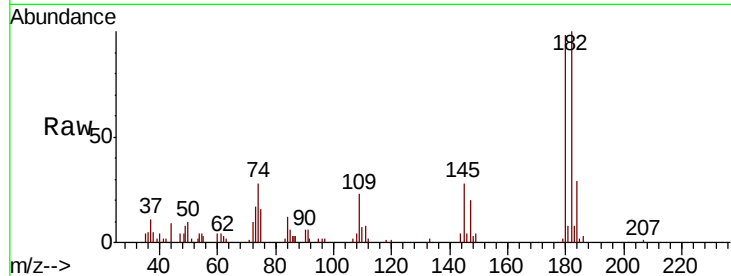




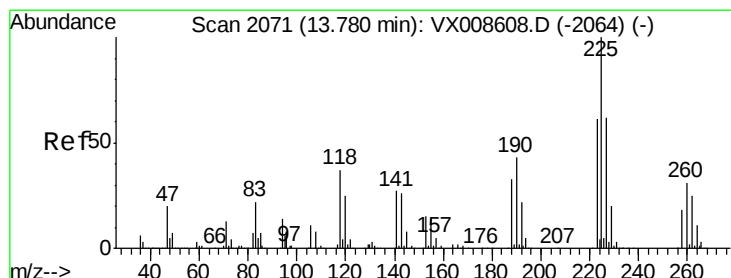
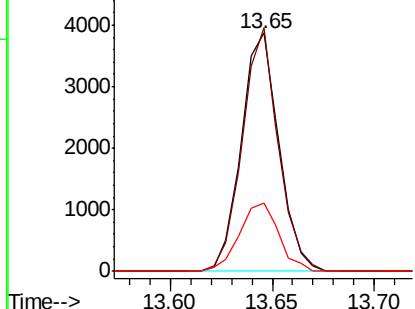
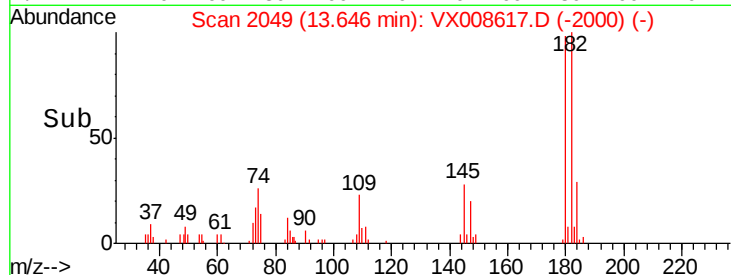
#93  
 1,2,4-Trichlorobenzene  
 Concen: 1.640 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. 0.00 min  
 Lab File: VX008617.D  
 Acq: 03 Apr 2019 16:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.8  | 47.2  | 141.6 |
| 145     | 29.9  | 15.3  | 45.9  |

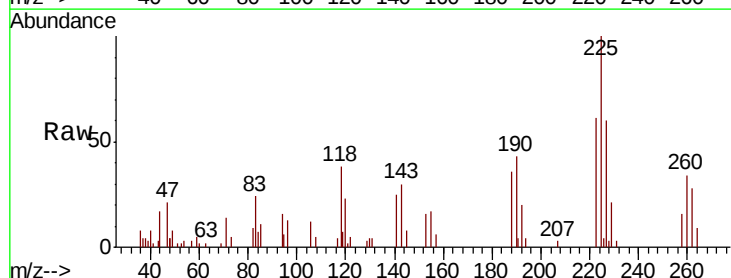


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

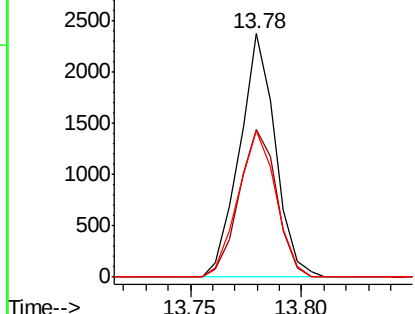
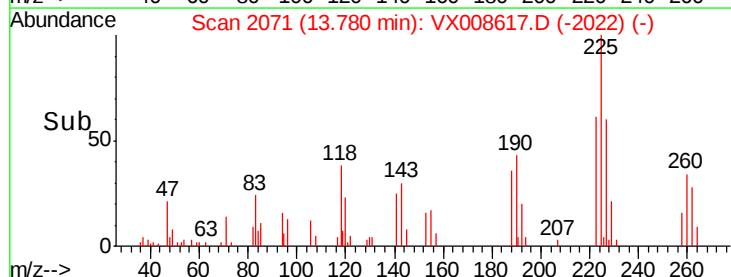


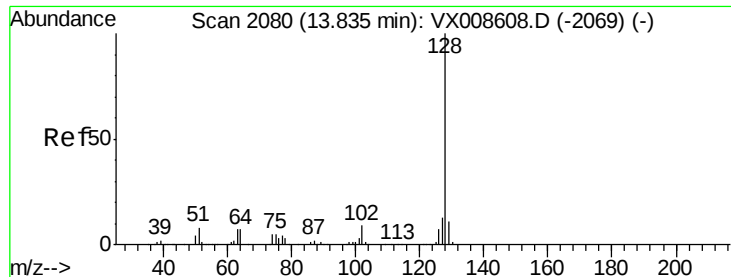
#94  
 Hexachlorobutadiene  
 Concen: 1.841 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. 0.00 min  
 Lab File: VX008617.D  
 Acq: 03 Apr 2019 16:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.0  | 31.2  | 93.6  |
| 227     | 63.6  | 31.9  | 95.5  |



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 1.696 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008617.D

Acq: 03 Apr 2019 16:57

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT2-2019

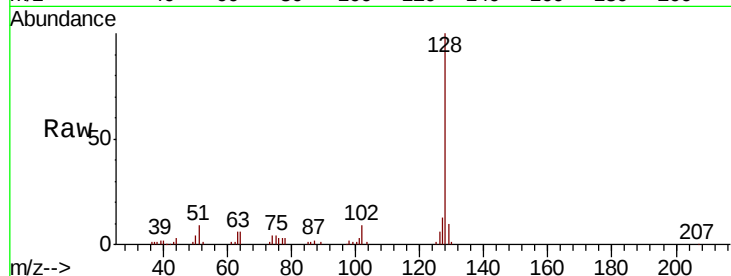
Tot Ion:128 Resp: 17073

Ion Ratio Lower Upper

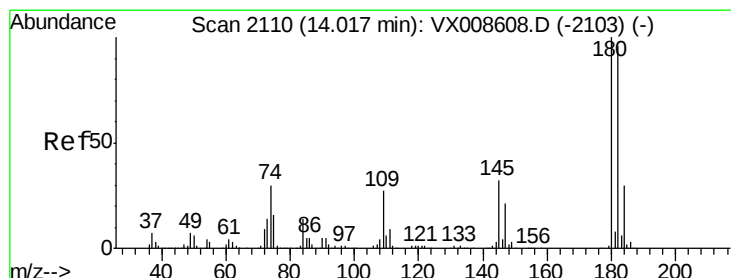
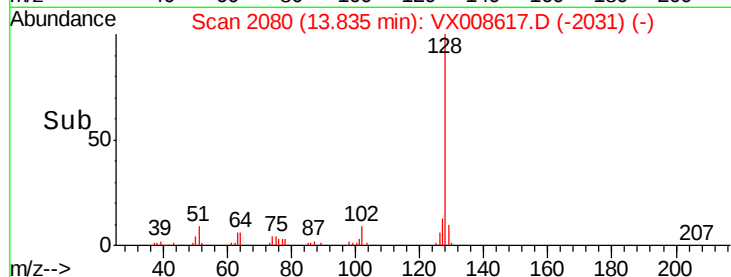
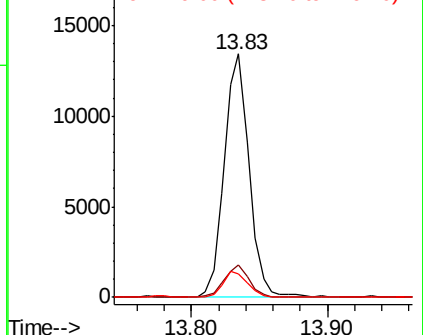
128 100

127 13.0 10.4 15.6

129 10.4 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 1.689 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008617.D

Acq: 03 Apr 2019 16:57

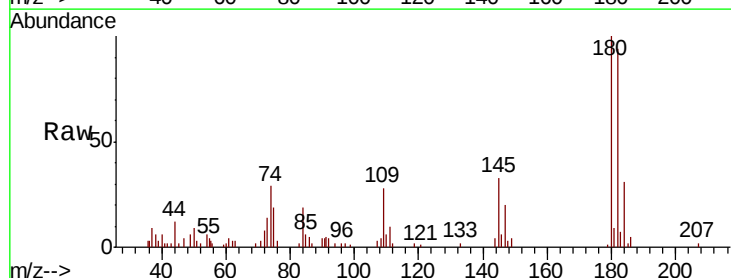
Tgt Ion:180 Resp: 5081

Ion Ratio Lower Upper

180 100

182 96.2 48.1 144.3

145 32.0 16.3 48.8



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

