

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX052019\  
 Data File : VX009721.D  
 Acq On : 20 May 2019 13:18  
 Operator : JC/SP  
 Sample : VX0520WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0520WBS01

Quant Time: May 20 13:38:24 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 09 07:31:15 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 154001   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 243622   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 222757   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 108395   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |        |      |
|-----------------------------|--------|-----|----------|-------|--------|------|
| System Monitoring Compounds |        |     |          |       |        |      |
| 33) 1,2-Dichloroethane-d4   | 6.06   | 65  | 98772    | 46.98 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 93.96% |      |
| 35) Dibromofluoromethane    | 5.49   | 113 | 73335    | 47.88 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 95.76% |      |
| 50) Toluene-d8              | 8.71   | 98  | 287477   | 46.49 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 92.98% |      |
| 62) 4-Bromofluorobenzene    | 11.13  | 95  | 106050   | 47.20 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 94.40% |      |

| Target Compounds              |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 22499  | 15.854  | ug/l | 97     |
| 3) Chloromethane              | 1.32 | 50  | 36915  | 19.053  | ug/l | 98     |
| 4) Vinyl Chloride             | 1.41 | 62  | 35246  | 18.656  | ug/l | 99     |
| 5) Bromomethane               | 1.64 | 94  | 22676  | 19.997  | ug/l | 97     |
| 6) Chloroethane               | 1.72 | 64  | 23573  | 19.434  | ug/l | 98     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 45704  | 19.901  | ug/l | 97     |
| 8) Diethyl Ether              | 2.19 | 74  | 21719  | 19.965  | ug/l | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 28110  | 19.492  | ug/l | 97     |
| 10) Methyl Iodide             | 2.51 | 142 | 28368  | 19.968  | ug/l | 100    |
| 11) Tert butyl alcohol        | 3.05 | 59  | 54251  | 111.483 | ug/l | 97     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 28198  | 19.515  | ug/l | 96     |
| 13) Acrolein                  | 2.29 | 56  | 40230  | 91.285  | ug/l | 99     |
| 14) Allyl chloride            | 2.73 | 41  | 69857  | 19.838  | ug/l | 99     |
| 15) Acrylonitrile             | 3.14 | 53  | 126806 | 106.573 | ug/l | 99     |
| 16) Acetone                   | 2.45 | 43  | 117481 | 104.071 | ug/l | 98     |
| 17) Carbon Disulfide          | 2.57 | 76  | 70221  | 17.309  | ug/l | 99     |
| 18) Methyl Acetate            | 2.78 | 43  | 57846  | 21.547  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 114449 | 20.397  | ug/l | 99     |
| 20) Methylene Chloride        | 2.85 | 84  | 36077  | 19.738  | ug/l | 95     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 30221  | 19.285  | ug/l | 98     |
| 22) Diisopropyl ether         | 3.85 | 45  | 141953 | 20.962  | ug/l | 93     |
| 23) Vinyl Acetate             | 3.81 | 43  | 625850 | 107.924 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 67664  | 20.254  | ug/l | 100    |
| 25) 2-Butanone                | 4.67 | 43  | 192586 | 109.786 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 47783  | 19.216  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 37094  | 19.831  | ug/l | 99     |
| 28) Bromochloromethane        | 5.02 | 49  | 29348  | 20.189  | ug/l | 97     |
| 29) Tetrahydrofuran           | 5.13 | 42  | 125385 | 111.076 | ug/l | 99     |
| 30) Chloroform                | 5.21 | 83  | 62847  | 20.800  | ug/l | 97     |
| 31) Cyclohexane               | 5.58 | 56  | 59301  | 19.079  | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97  | 50490  | 20.073  | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 43959  | 19.416  | ug/l | 98     |
| 37) Ethyl Acetate             | 4.84 | 43  | 69090  | 21.902  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 41154  | 20.007  | ug/l | 97     |

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 Sample : VX0520WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0520WBS01

Quant Time: May 20 13:38:24 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 09 07:31:15 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 54094    | 19.455  | ug/l   | 98       |
| 40) Benzene                    | 6.14  | 78   | 142018   | 20.269  | ug/l   | 98       |
| 41) Methacrylonitrile          | 5.05  | 41   | 40248    | 21.434  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.19  | 62   | 53116    | 21.133  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.45  | 43   | 110235   | 21.847  | ug/l   | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 33440    | 19.742  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 41232    | 20.782  | ug/l   | 98       |
| 46) Dibromomethane             | 7.66  | 93   | 23850    | 20.701  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.90  | 83   | 48862    | 21.261  | ug/l   | 97       |
| 48) Methyl methacrylate        | 7.77  | 41   | 55036    | 21.985  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 21683    | 427.113 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 375184   | 113.762 | ug/l   | 99       |
| 52) Toluene                    | 8.78  | 92   | 87802    | 20.615  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 53411    | 20.585  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 59466    | 20.706  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 37091    | 21.346  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 65912    | 21.250  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 64024    | 20.938  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 138791   | 84.347  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.49  | 43   | 293662   | 113.375 | ug/l   | 98       |
| 60) Dibromochloromethane       | 9.58  | 129  | 35885    | 21.145  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 36875    | 21.023  | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 30861    | 20.197  | ug/l   | 99       |
| 65) Chlorobenzene              | 10.13 | 112  | 90732    | 20.361  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 33273    | 20.596  | ug/l   | 100      |
| 67) Ethyl Benzene              | 10.25 | 91   | 165492   | 20.179  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 121344   | 40.490  | ug/l   | 99       |
| 69) o-Xylene                   | 10.69 | 106  | 60188    | 20.355  | ug/l   | 99       |
| 70) Styrene                    | 10.71 | 104  | 102697   | 19.983  | ug/l   | 97       |
| 71) Bromoform                  | 10.85 | 173  | 27000    | 20.566  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 160674   | 20.384  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 96115    | 20.915  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 62930    | 21.416  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 72172    | 28.704  | ug/l   | 82       |
| 77) Bromobenzene               | 11.26 | 156  | 39607    | 20.244  | ug/l   | 98       |
| 78) n-propylbenzene            | 11.36 | 91   | 182792   | 20.306  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 111025   | 19.991  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 135895   | 20.475  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 20200    | 20.556  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 125599   | 20.018  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 132096   | 20.460  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 135599   | 20.355  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 153975   | 20.115  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 140279   | 20.385  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 70656    | 20.259  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 70802    | 20.136  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.38 | 91   | 123484   | 19.854  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.60 | 117  | 23684    | 20.202  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 72020    | 20.274  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 14374    | 21.806  | ug/l   | 95       |

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Operator : JC/SP  
Sample : VX0520WBS01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 8 Sample Multiplier: 1

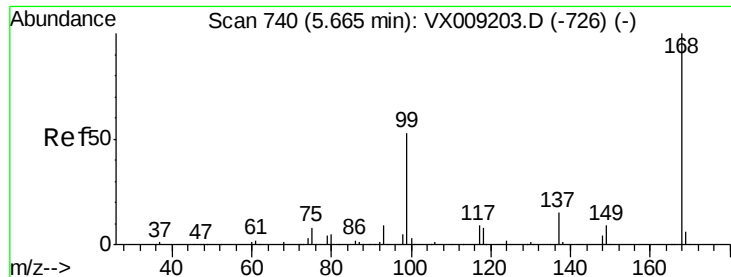
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0520WBS01

Quant Time: May 20 13:38:24 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 09 07:31:15 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 49389    | 20.331 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 25142    | 20.267 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 161375   | 20.419 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 50360    | 20.451 | 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. -0.01 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

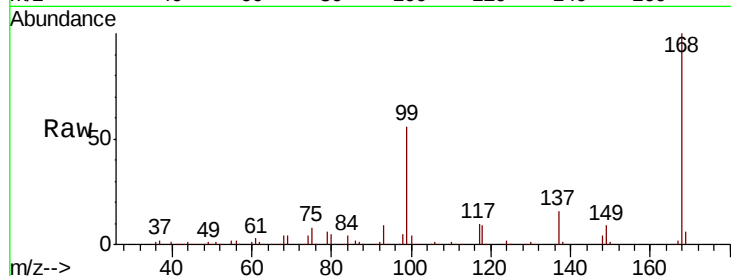
VX0520WBS01

Tgt Ion:168 Resp: 154001

Ion Ratio Lower Upper

168 100

99 56.4 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

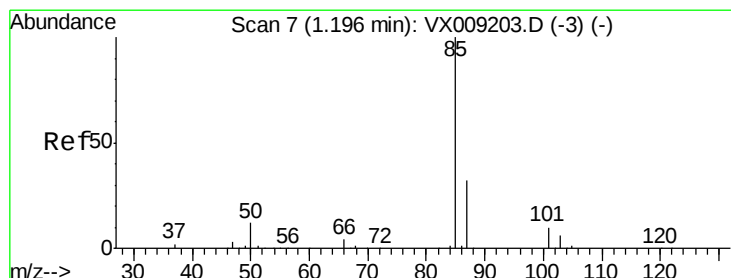
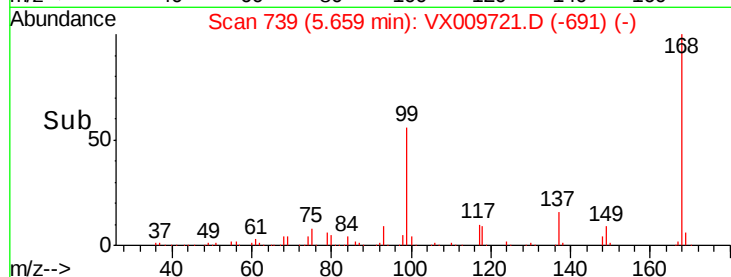
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 15.854 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009721.D

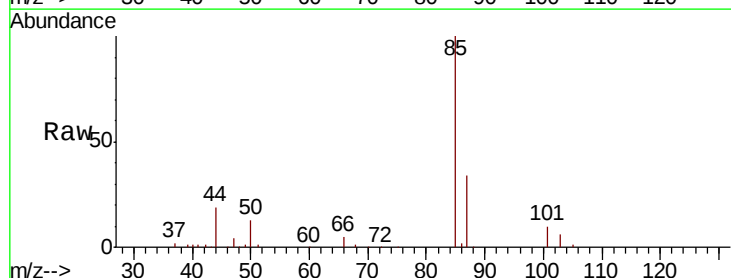
Acq: 20 May 2019 13:18

Tgt Ion: 85 Resp: 22499

Ion Ratio Lower Upper

85 100

87 34.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

20000

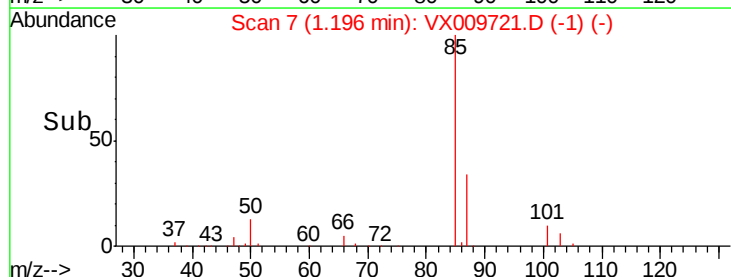
15000

10000

5000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 19.053 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

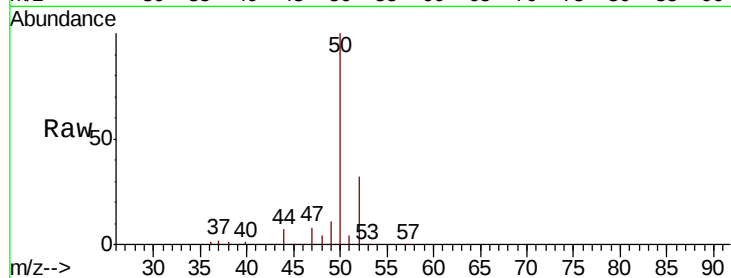
VX0520WBS01

Tgt Ion: 50 Resp: 36915

Ion Ratio Lower Upper

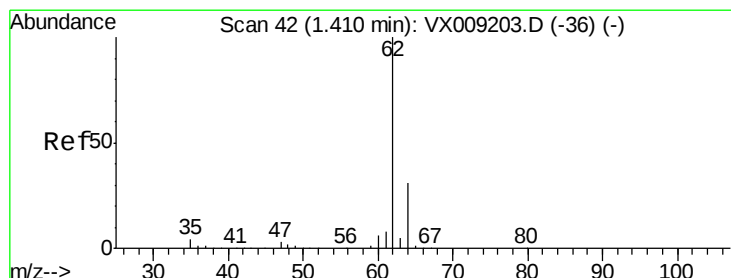
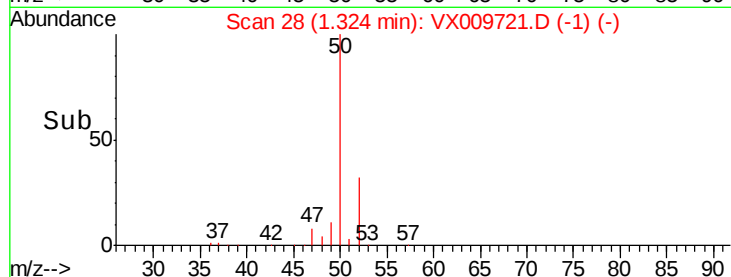
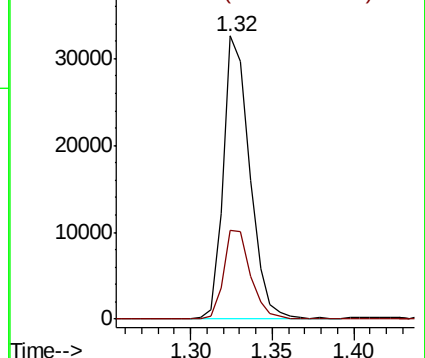
50 100

52 31.5 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.656 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009721.D

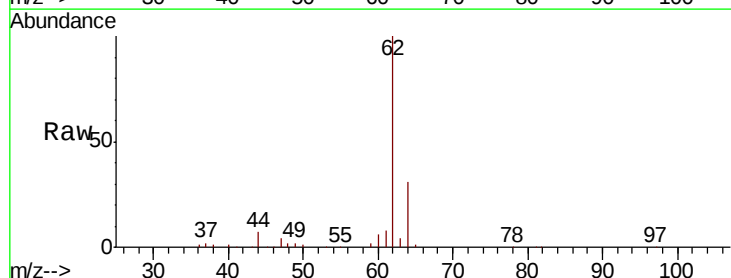
Acq: 20 May 2019 13:18

Tgt Ion: 62 Resp: 35246

Ion Ratio Lower Upper

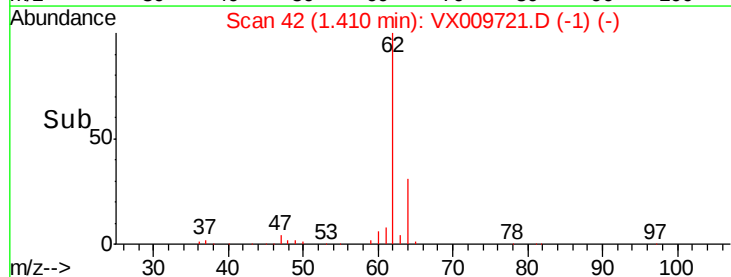
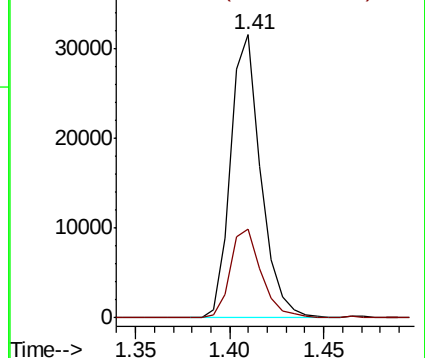
62 100

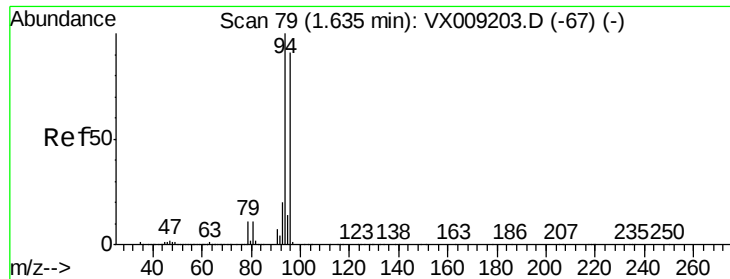
64 31.1 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.997 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

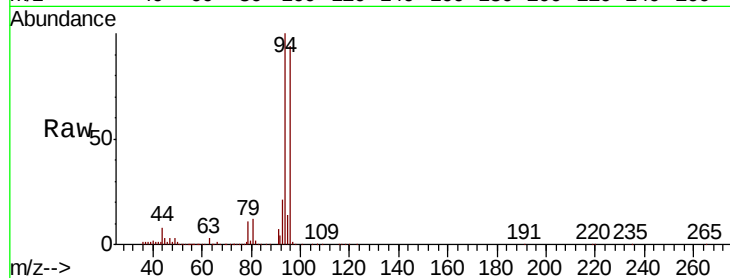
VX0520WBS01

Tgt Ion: 94 Resp: 22676

Ion Ratio Lower Upper

94 100

96 94.0 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

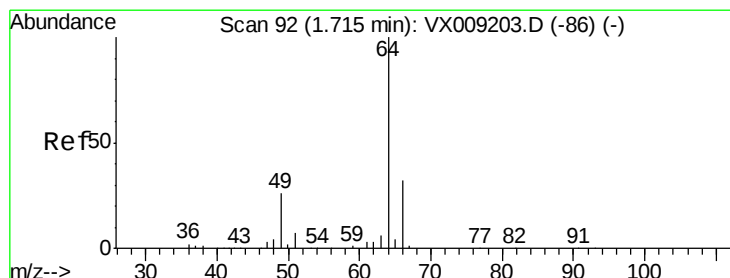
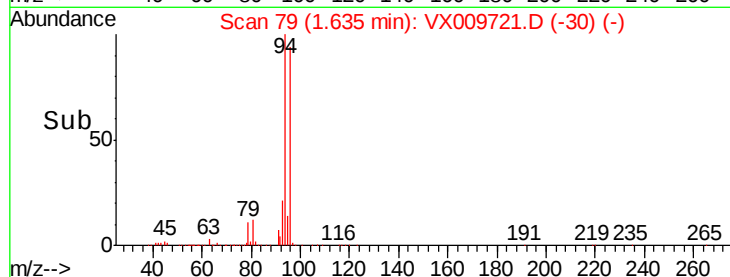
10000

5000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 19.434 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009721.D

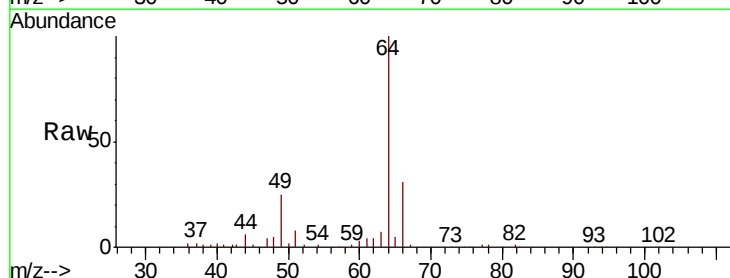
Acq: 20 May 2019 13:18

Tgt Ion: 64 Resp: 23573

Ion Ratio Lower Upper

64 100

66 30.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

20000

15000

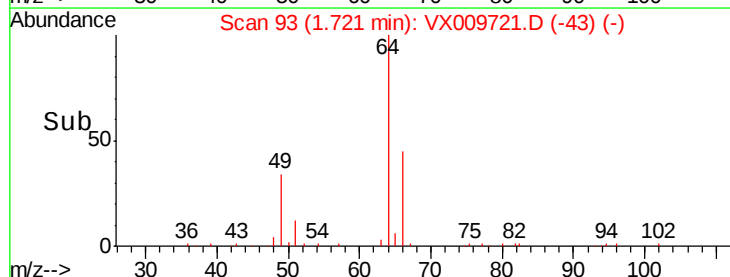
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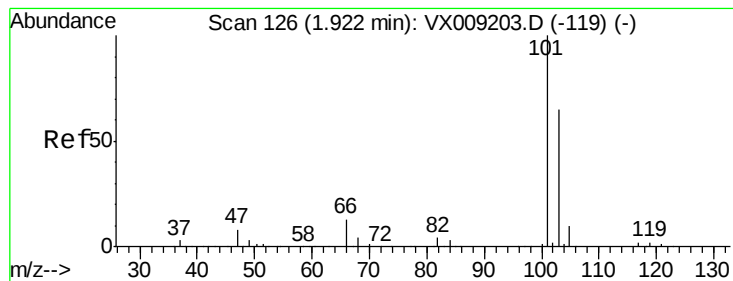
5000

0

Time-->

1.65 1.70 1.75 1.80



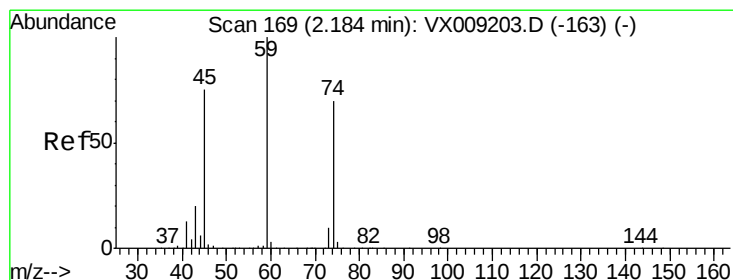
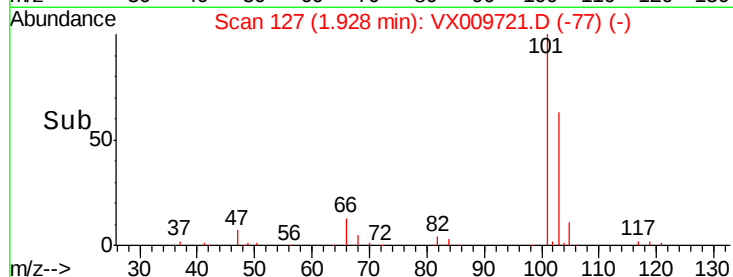
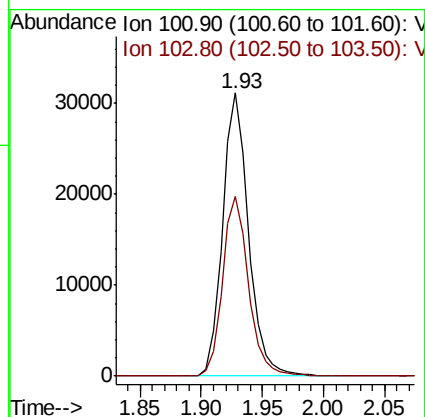
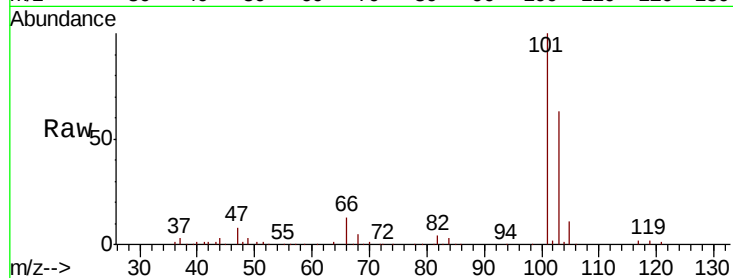


#7

Trichlorofluoromethane  
 Concen: 19.901 ug/l  
 RT: 1.93 min Scan# 127  
 Delta R.T. 0.01 min  
 Lab File: VX009721.D  
 Acq: 20 May 2019 13:18

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0520WBS01

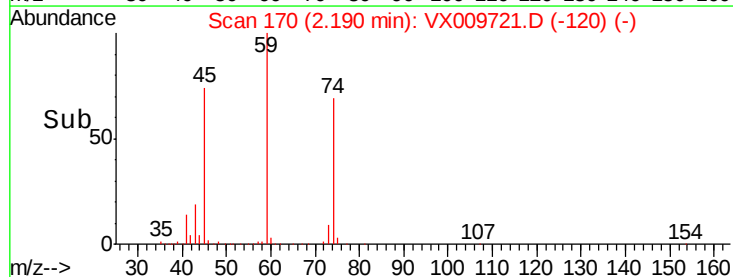
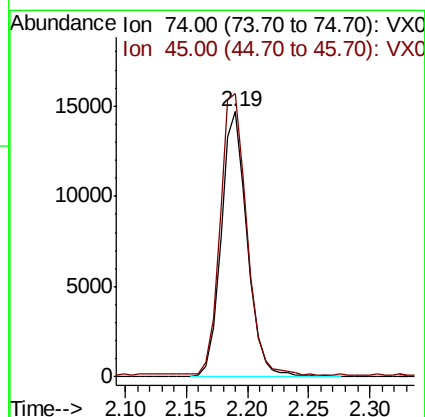
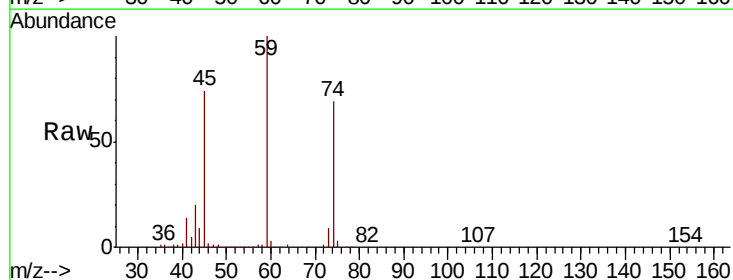
Tgt Ion:101 Resp: 45704  
 Ion Ratio Lower Upper  
 101 100  
 103 63.4 52.4 78.6



#8

Diethyl Ether  
 Concen: 19.965 ug/l  
 RT: 2.19 min Scan# 170  
 Delta R.T. 0.01 min  
 Lab File: VX009721.D  
 Acq: 20 May 2019 13:18

Tgt Ion: 74 Resp: 21719  
 Ion Ratio Lower Upper  
 74 100  
 45 109.2 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.492 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

VX0520WBS01

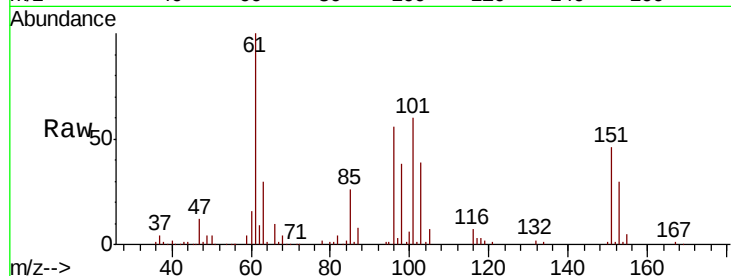
Tgt Ion:101 Resp: 28110

Ion Ratio Lower Upper

101 100

85 43.8 35.7 53.5

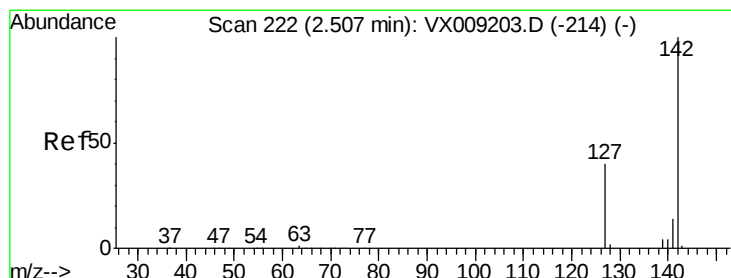
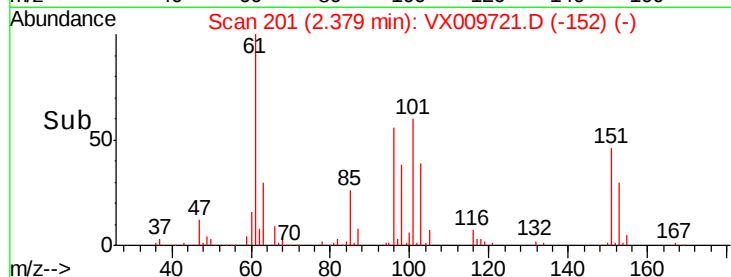
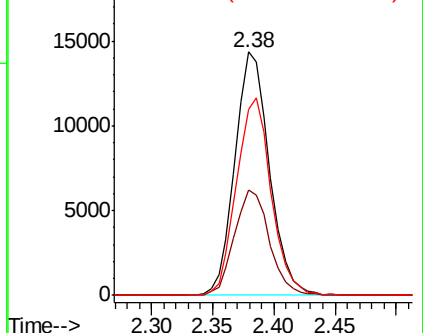
151 81.6 62.2 93.2



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: 19.968 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

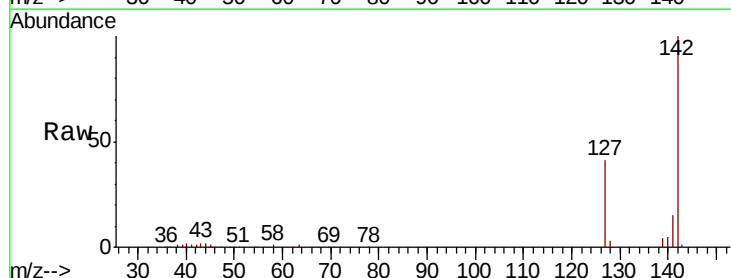
Tgt Ion:142 Resp: 28368

Ion Ratio Lower Upper

142 100

127 40.9 32.7 49.1

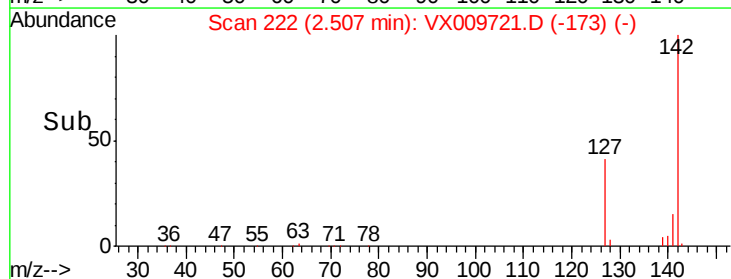
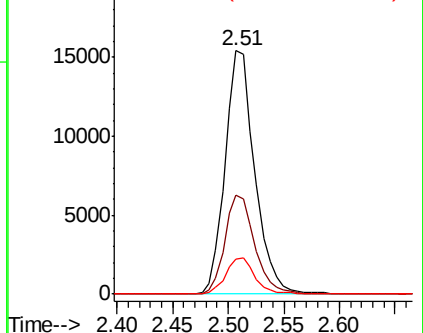
141 14.6 11.5 17.3

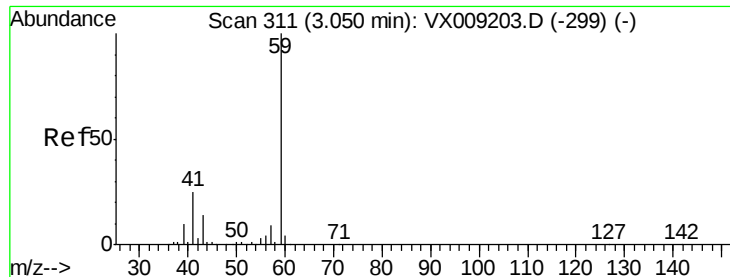


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

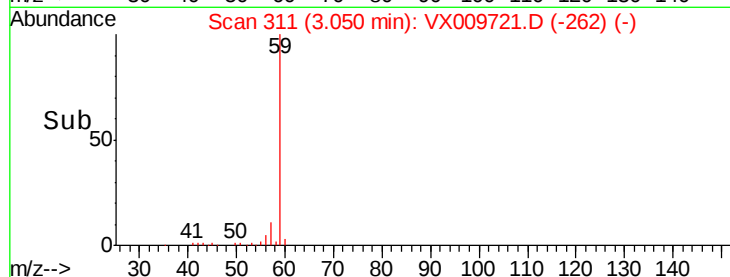
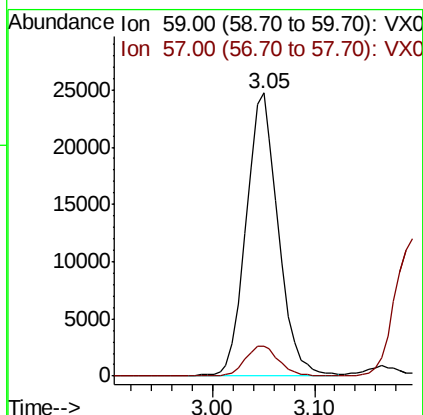
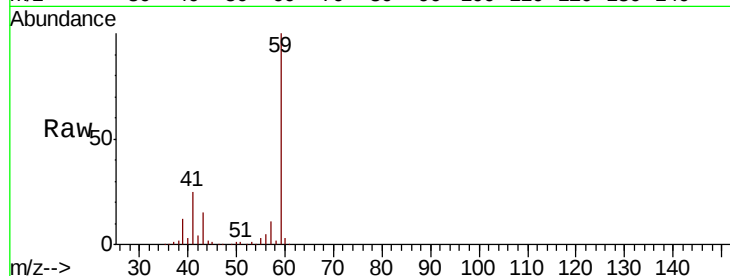




#11  
Tert butyl alcohol  
Concen: 111.483 ug/l  
RT: 3.05 min Scan# 311  
Delta R.T. 0.00 min  
Lab File: VX009721.D  
Acq: 20 May 2019 13:18

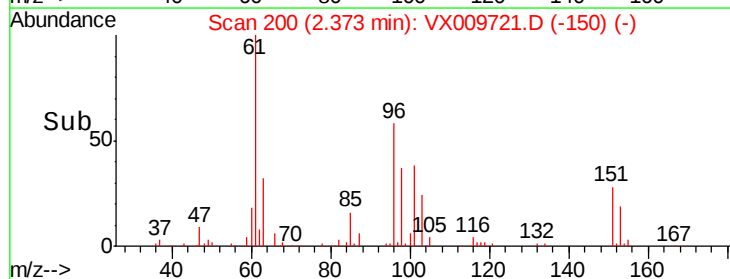
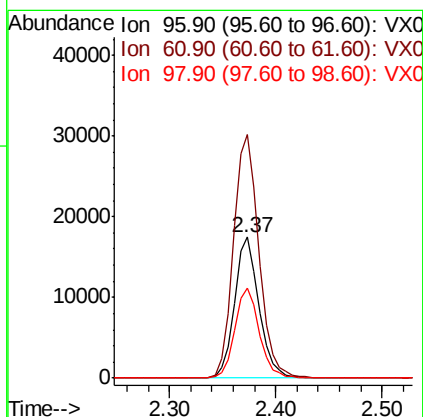
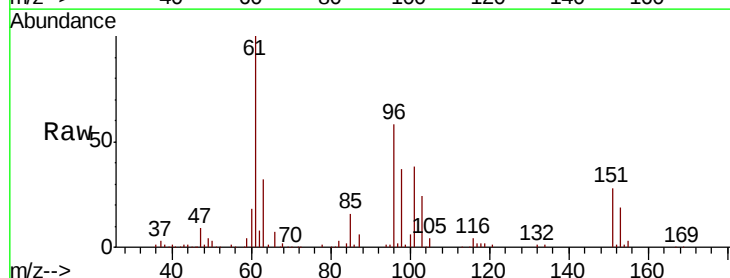
Instrument :  
MSVOA\_X  
ClientSampled :  
VX0520WBS01

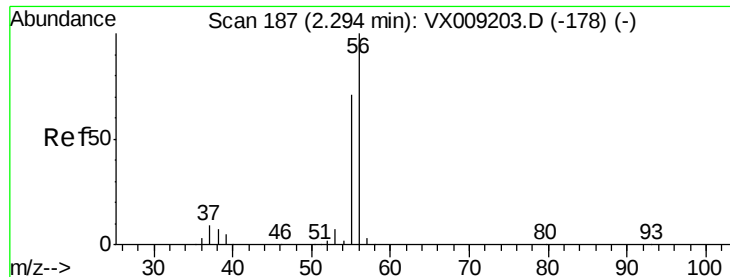
Tgt Ion: 59 Resp: 54251  
Ion Ratio Lower Upper  
59 100  
57 11.3 8.2 12.2



#12  
1,1-Dichloroethene  
Concen: 19.515 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. 0.01 min  
Lab File: VX009721.D  
Acq: 20 May 2019 13:18

Tgt Ion: 96 Resp: 28198  
Ion Ratio Lower Upper  
96 100  
61 173.1 144.3 216.5  
98 64.4 50.3 75.5





#13

Acrolein

Concen: 91.285 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

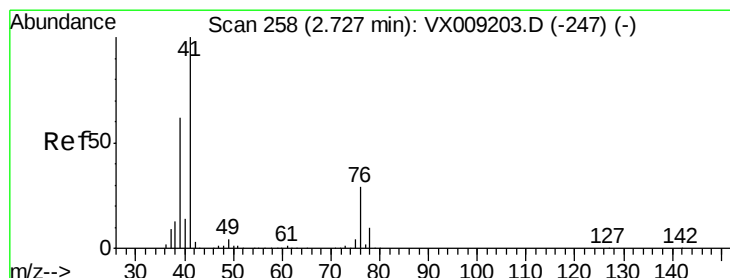
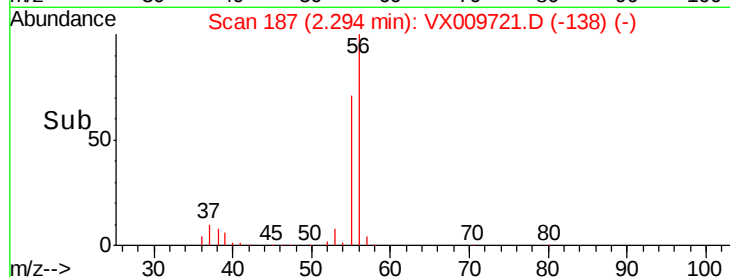
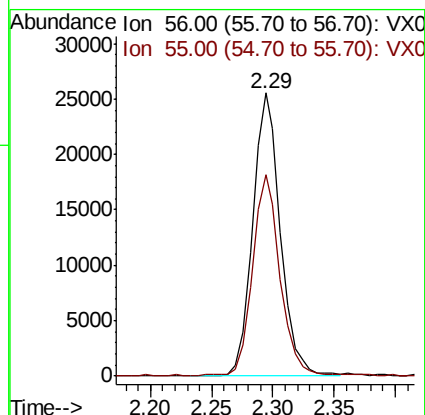
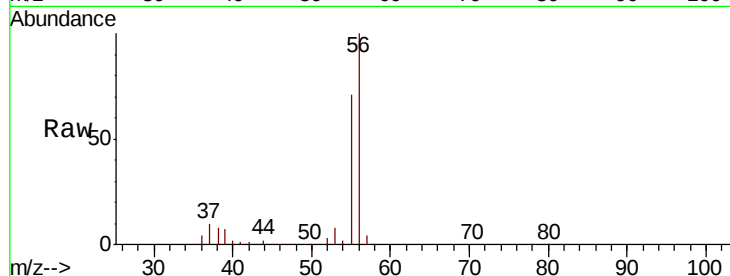
VX0520WBS01

Tgt Ion: 56 Resp: 40230

Ion Ratio Lower Upper

56 100

55 71.3 56.6 85.0



#14

Allyl chloride

Concen: 19.838 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

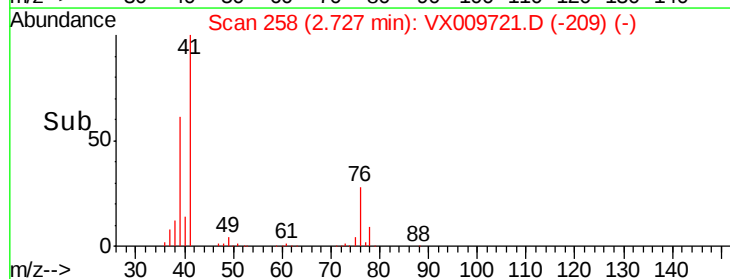
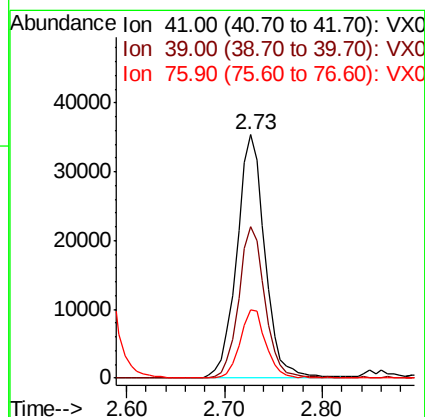
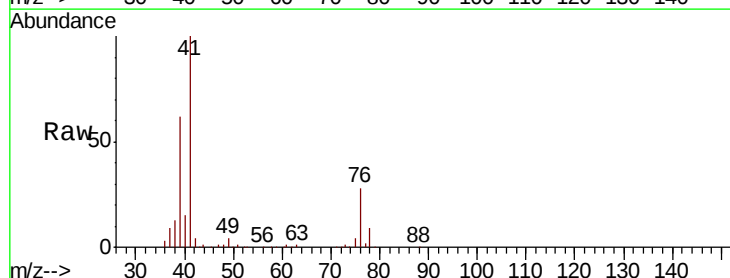
Tgt Ion: 41 Resp: 69857

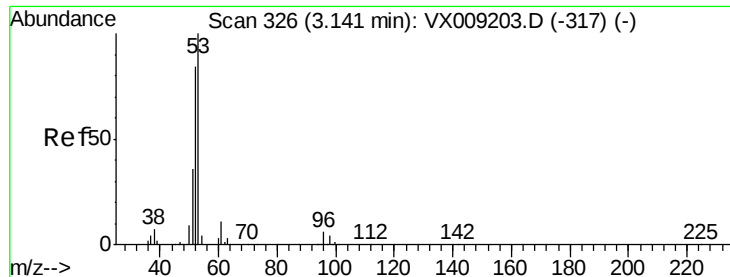
Ion Ratio Lower Upper

41 100

39 58.0 46.7 70.1

76 26.2 21.8 32.8





#15

Acrylonitrile

Concen: 106.573 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

VX0520WBS01

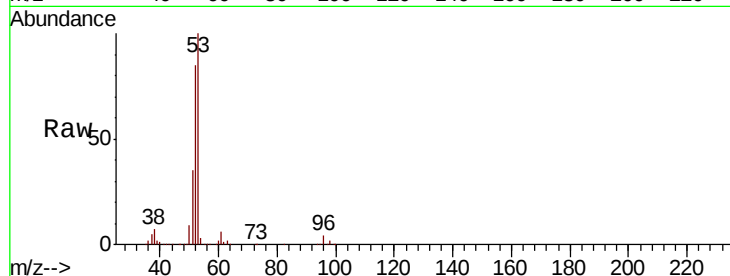
Tgt Ion: 53 Resp: 126806

Ion Ratio Lower Upper

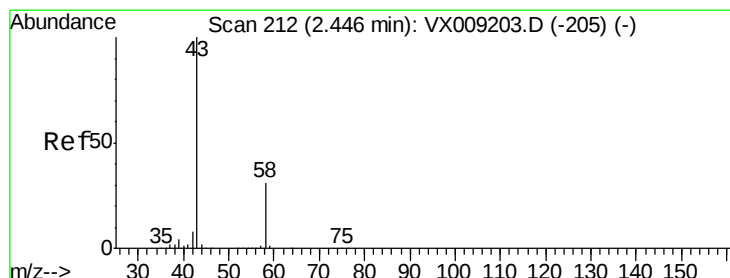
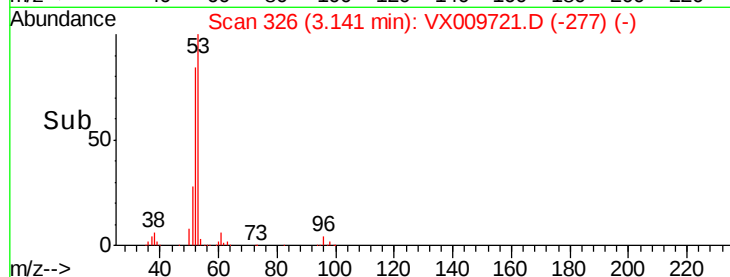
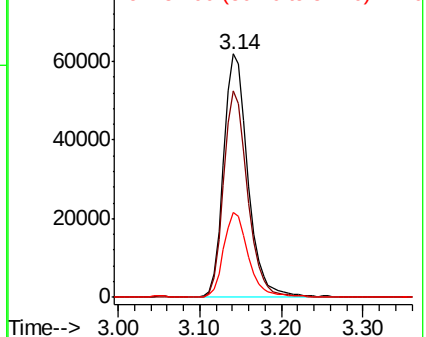
53 100

52 84.2 66.9 100.3

51 35.4 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0  
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 104.071 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009721.D

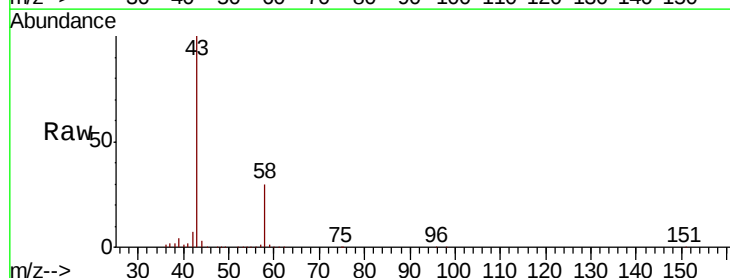
Acq: 20 May 2019 13:18

Tgt Ion: 43 Resp: 117481

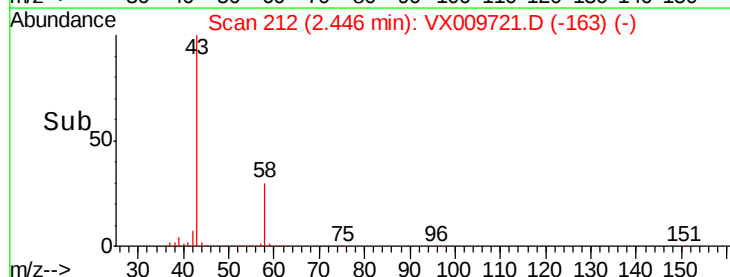
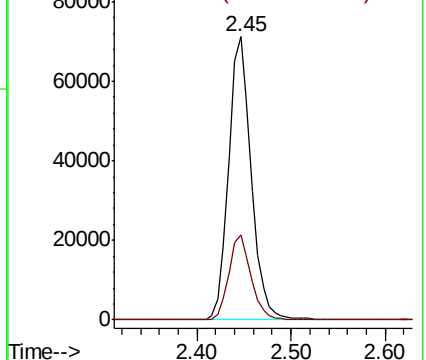
Ion Ratio Lower Upper

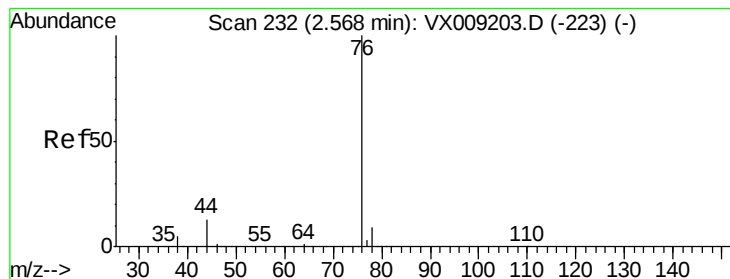
43 100

58 30.1 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.309 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

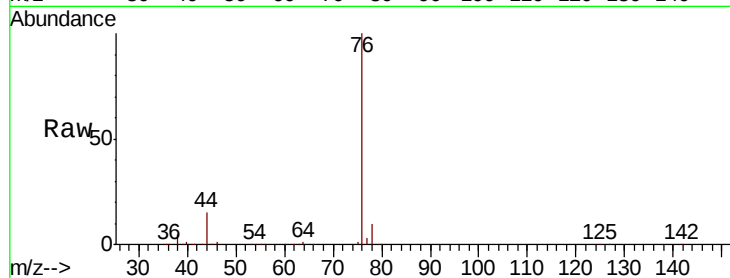
VX0520WBS01

Tgt Ion: 76 Resp: 70221

Ion Ratio Lower Upper

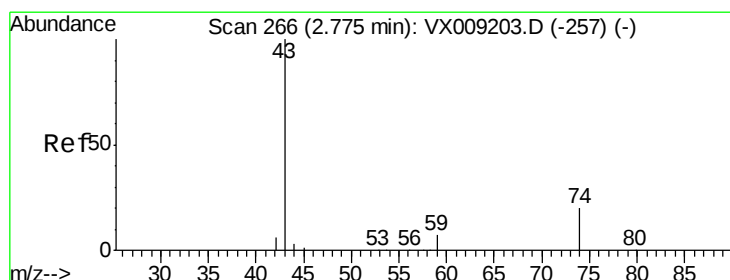
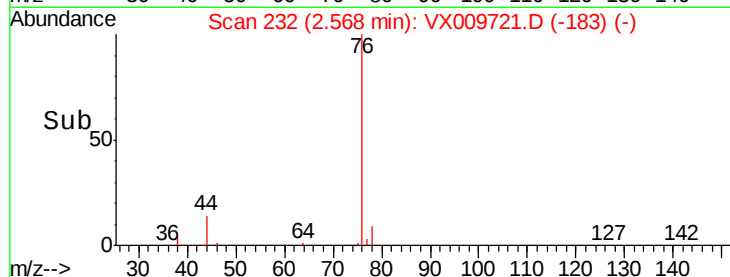
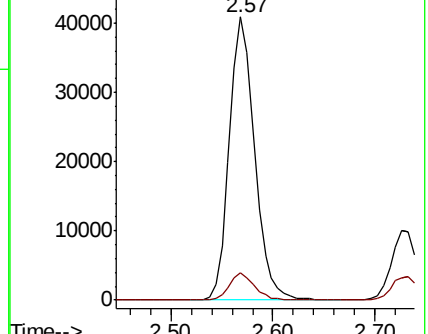
76 100

78 9.6 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.547 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX009721.D

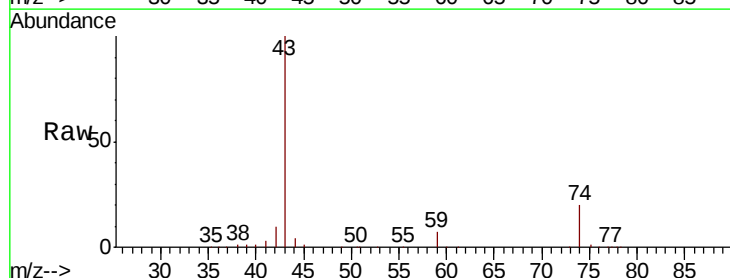
Acq: 20 May 2019 13:18

Tgt Ion: 43 Resp: 57846

Ion Ratio Lower Upper

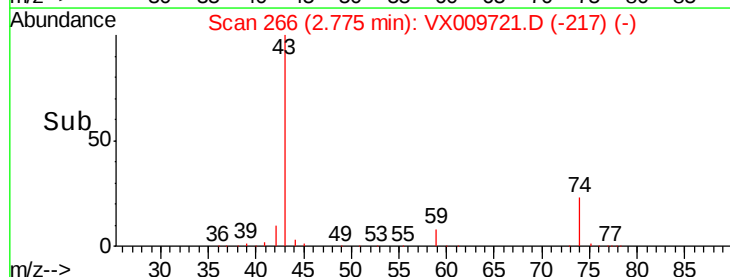
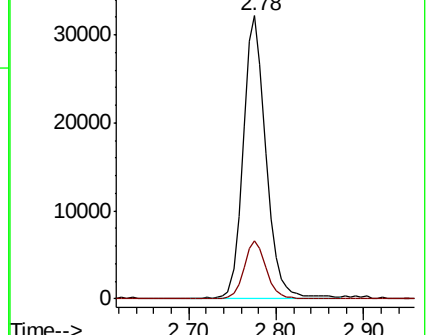
43 100

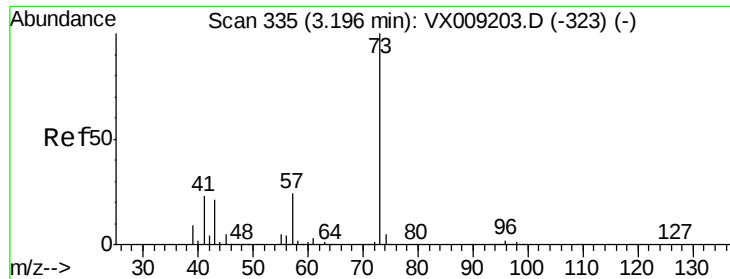
74 20.1 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

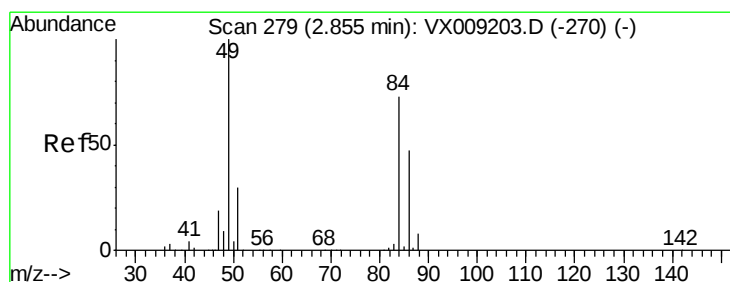
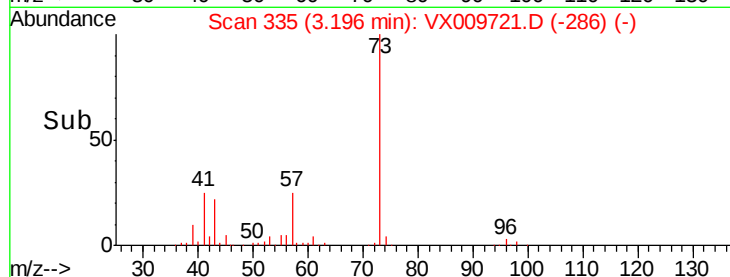
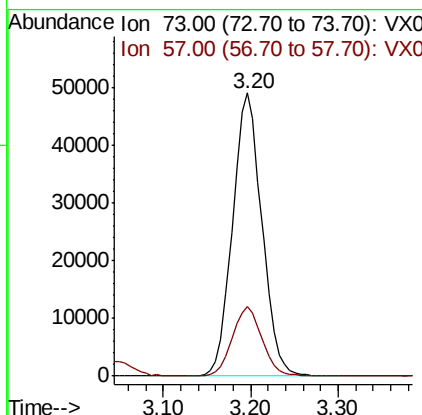
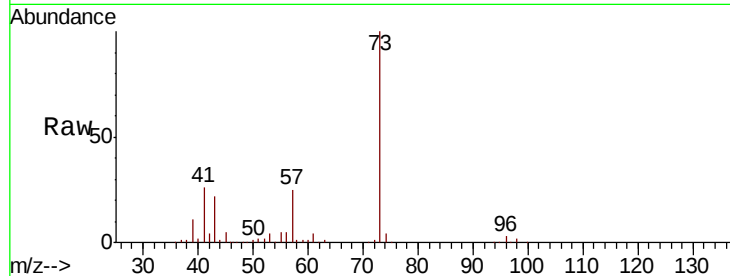




#19  
Methyl tert-butyl Ether  
Concen: 20.397 ug/l  
RT: 3.20 min Scan# 335  
Delta R.T. 0.00 min  
Lab File: VX009721.D  
Acq: 20 May 2019 13:18

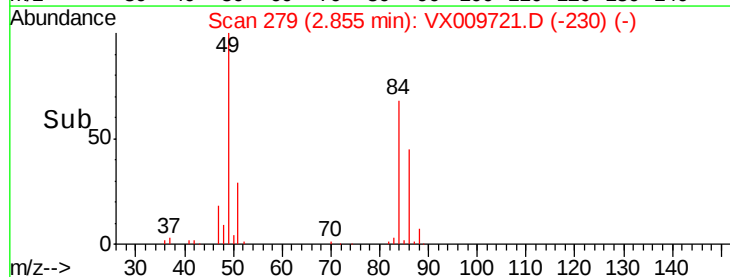
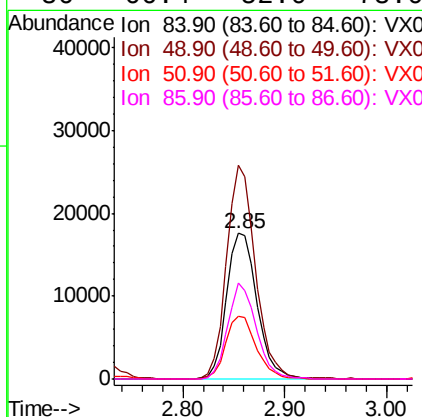
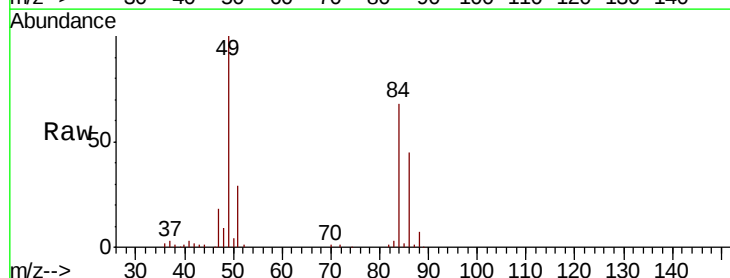
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0520WBS01

Tgt Ion: 73 Resp: 114449  
Ion Ratio Lower Upper  
73 100  
57 24.6 19.3 28.9



#20  
Methylene Chloride  
Concen: 19.738 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. 0.00 min  
Lab File: VX009721.D  
Acq: 20 May 2019 13:18

Tgt Ion: 84 Resp: 36077  
Ion Ratio Lower Upper  
84 100  
49 146.9 109.9 164.9  
51 42.9 32.7 49.1  
86 66.4 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 19.285 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

VX0520WBS01

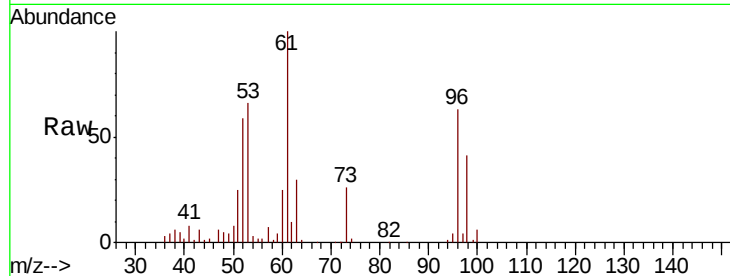
Tgt Ion: 96 Resp: 30221

Ion Ratio Lower Upper

96 100

61 158.2 124.5 186.7

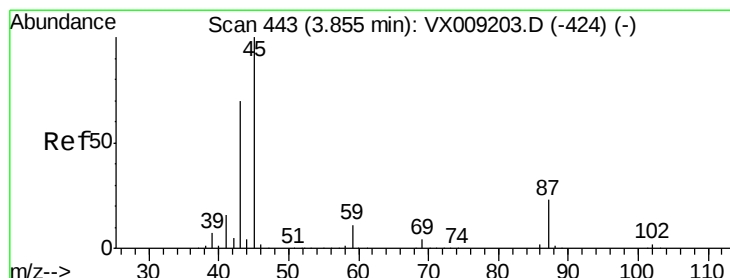
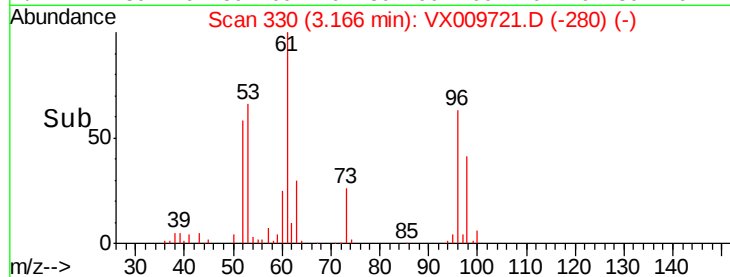
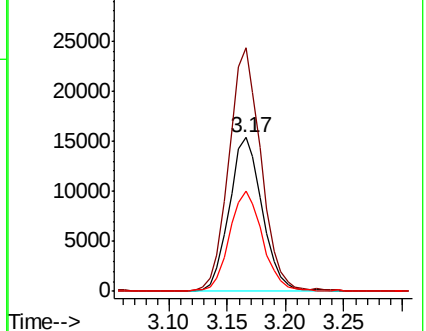
98 64.9 50.4 75.6



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



#22

Diisopropyl ether

Concen: 20.962 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

Tgt Ion: 45 Resp: 141953

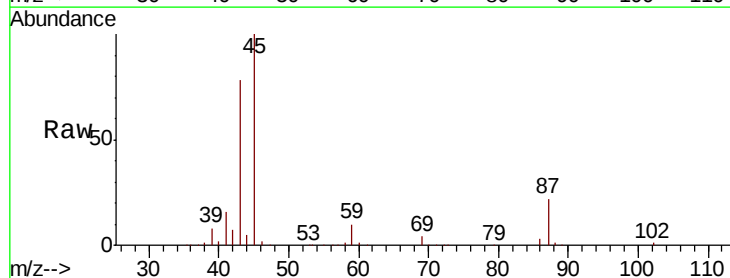
Ion Ratio Lower Upper

45 100

43 77.4 56.1 84.1

87 21.8 18.1 27.1

59 9.9 8.5 12.7

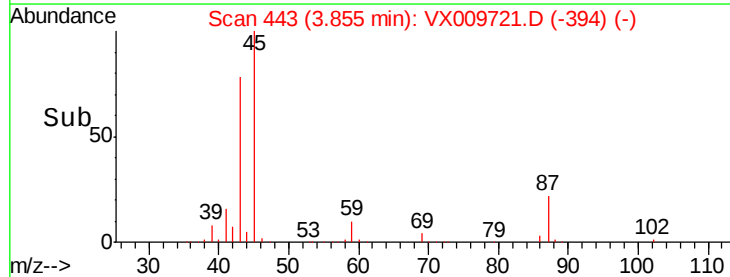
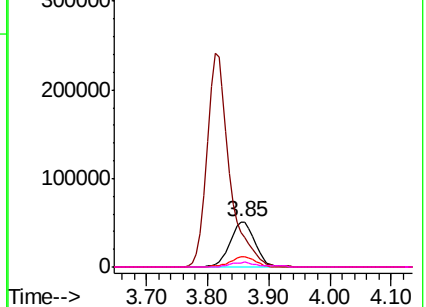


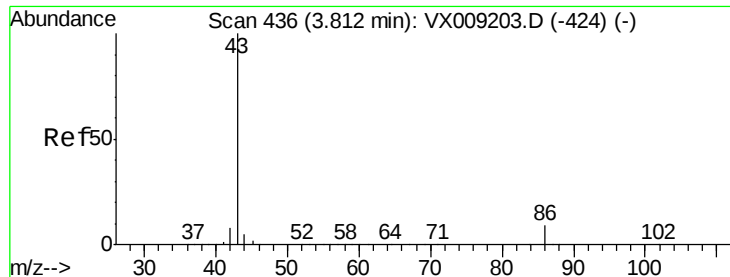
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 107.924 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

Instrument :

MSVOA\_X

ClientSampled :

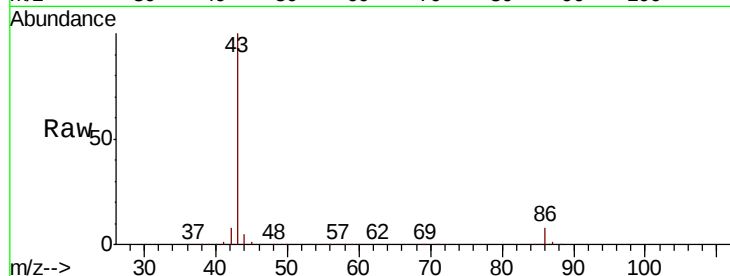
VX0520WBS01

Tgt Ion: 43 Resp: 625850

Ion Ratio Lower Upper

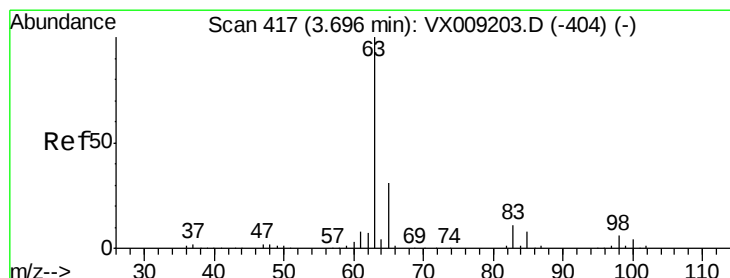
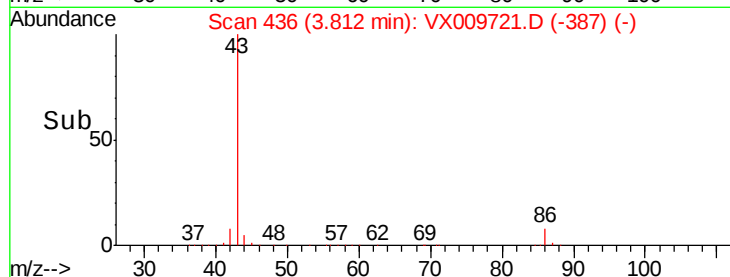
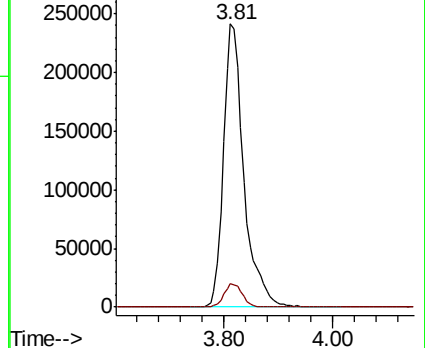
43 100

86 8.2 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.254 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

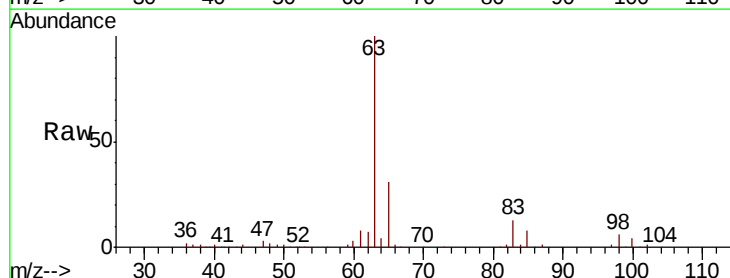
Tgt Ion: 63 Resp: 67664

Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

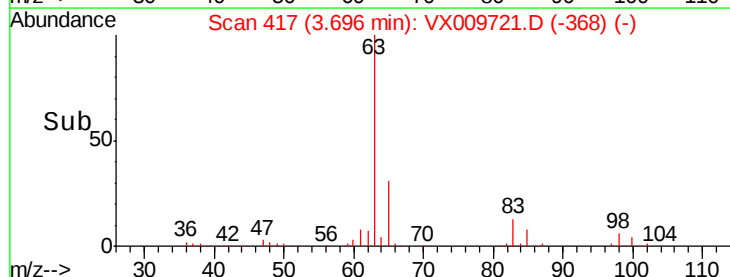
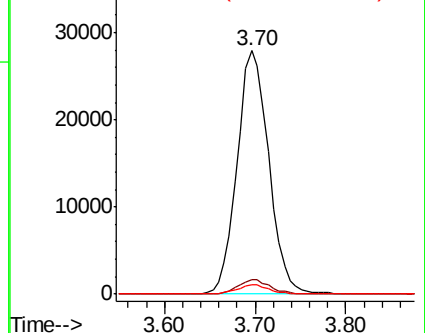
100 4.0 2.0 6.0

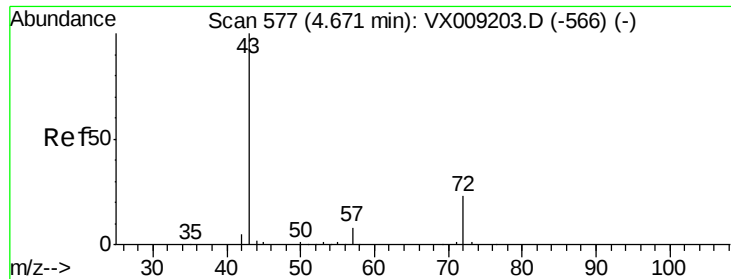


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 109.786 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

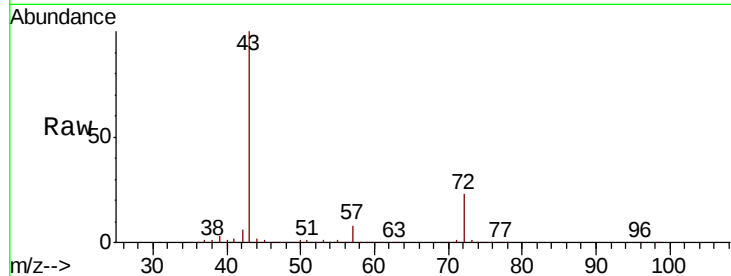
VX0520WBS01

Tgt Ion: 43 Resp: 192586

Ion Ratio Lower Upper

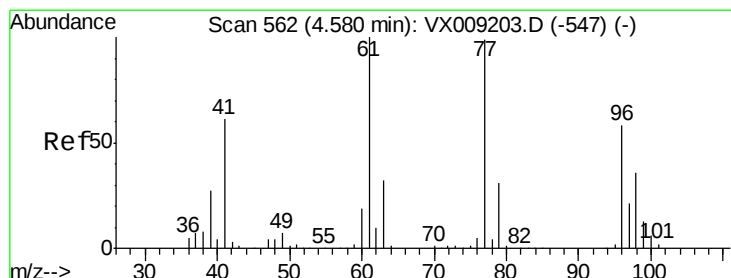
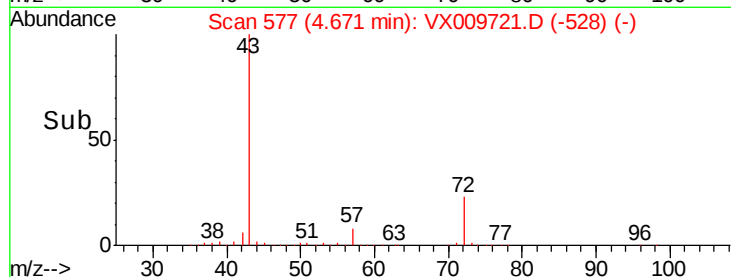
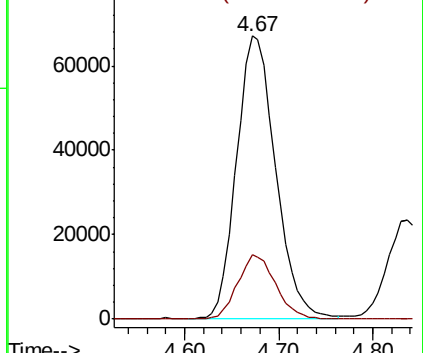
43 100

72 22.5 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.216 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009721.D

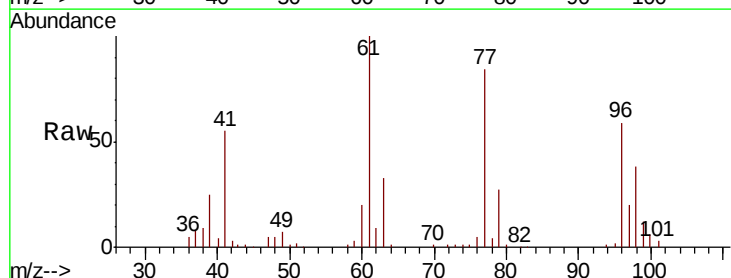
Acq: 20 May 2019 13:18

Tgt Ion: 77 Resp: 47783

Ion Ratio Lower Upper

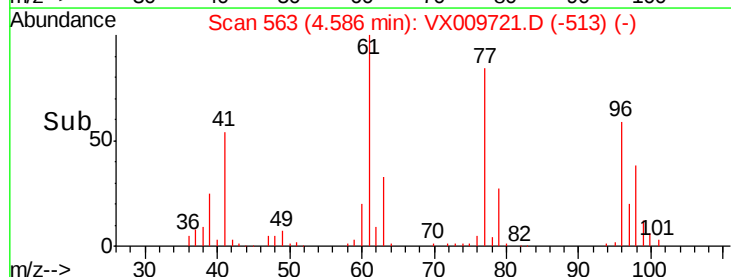
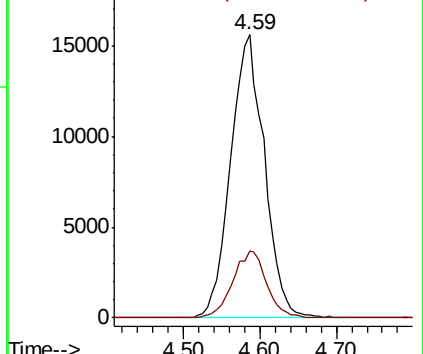
77 100

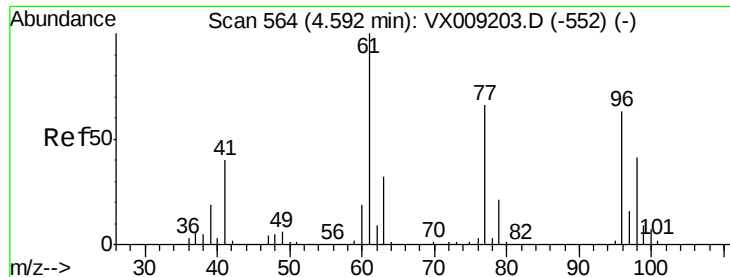
97 23.6 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



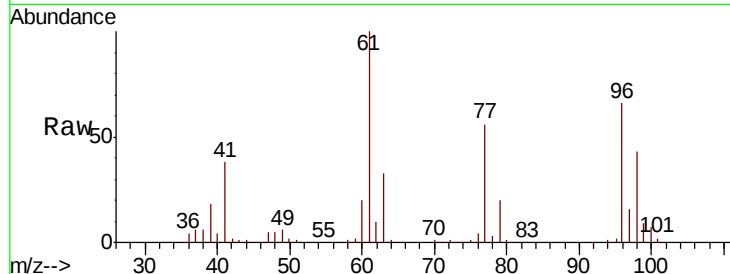


#27

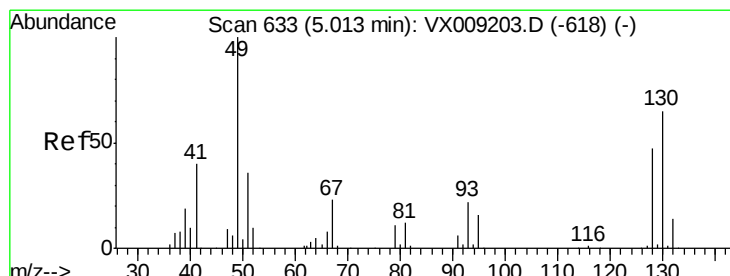
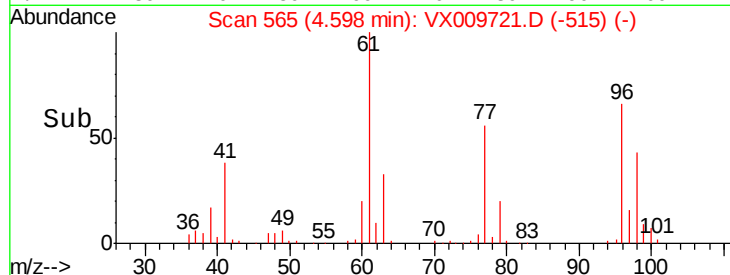
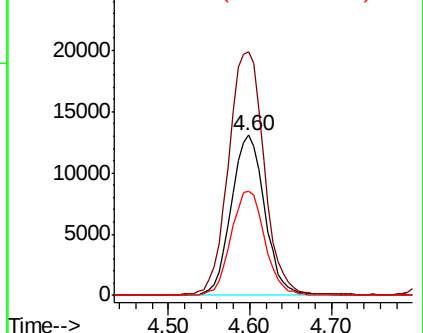
cis-1,2-Dichloroethene  
 Concen: 19.831 ug/l  
 RT: 4.60 min Scan# 565  
 Delta R.T. 0.01 min  
 Lab File: VX009721.D  
 Acq: 20 May 2019 13:18

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0520WBS01

Tgt Ion: 96 Resp: 37094  
 Ion Ratio Lower Upper  
 96 100  
 61 163.1 0.0 324.0  
 98 65.6 0.0 130.4



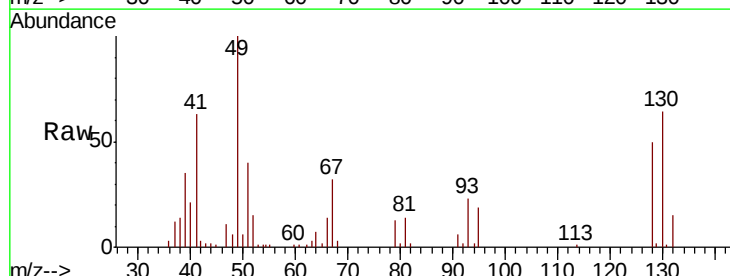
Abundance Ion 95.90 (95.60 to 96.60): VX0  
 Ion 60.90 (60.60 to 61.60): VX0  
 Ion 97.90 (97.60 to 98.60): VX0



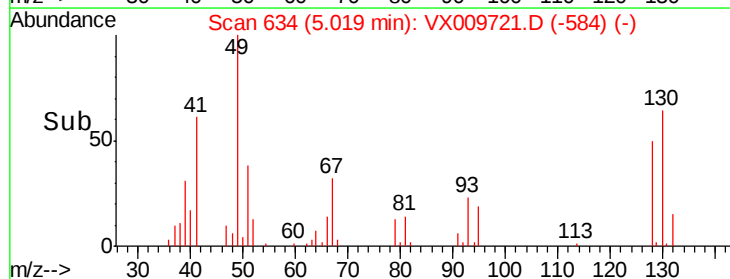
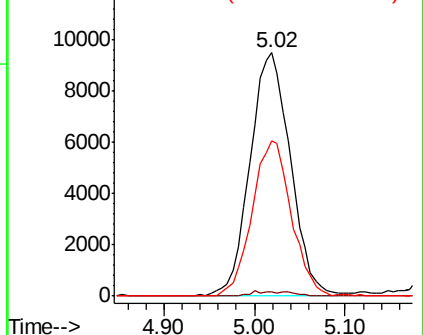
#28

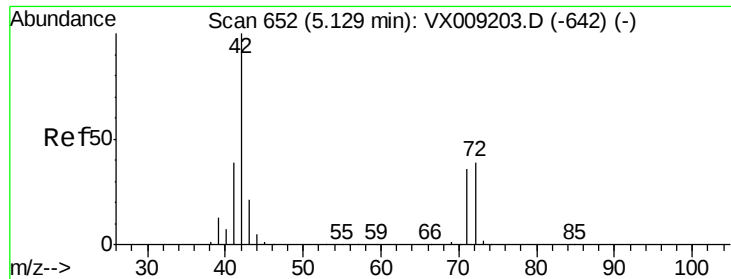
Bromochloromethane  
 Concen: 20.189 ug/l  
 RT: 5.02 min Scan# 634  
 Delta R.T. 0.01 min  
 Lab File: VX009721.D  
 Acq: 20 May 2019 13:18

Tgt Ion: 49 Resp: 29348  
 Ion Ratio Lower Upper  
 49 100  
 129 1.0 0.0 3.8  
 130 61.6 51.2 76.8



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

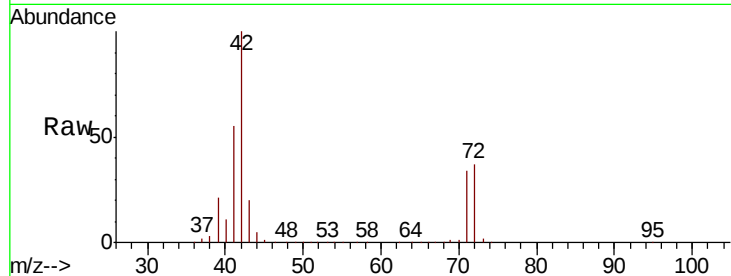




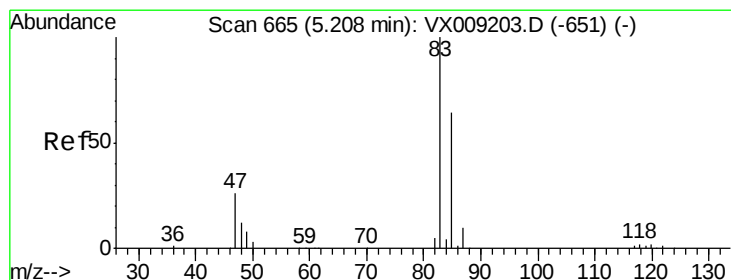
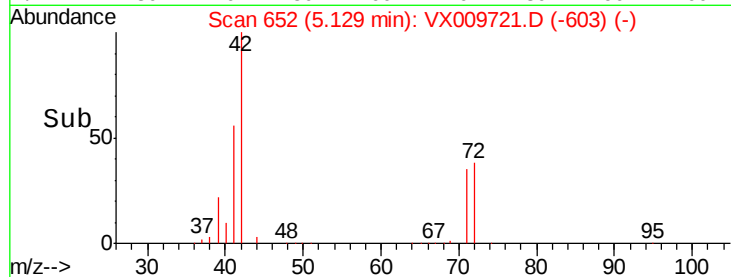
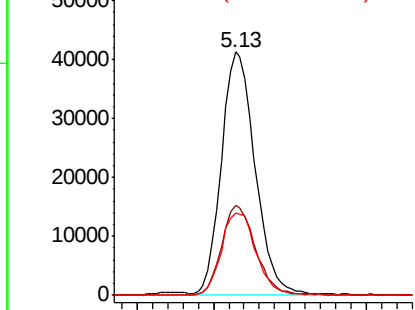
#29  
Tetrahydrofuran  
Concen: 111.076 ug/l  
RT: 5.13 min Scan# 652  
Delta R.T. 0.00 min  
Lab File: VX009721.D  
Acq: 20 May 2019 13:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0520WBS01

Tgt Ion: 42 Resp: 125385  
Ion Ratio Lower Upper  
42 100  
72 37.5 30.4 45.6  
71 34.8 28.6 43.0

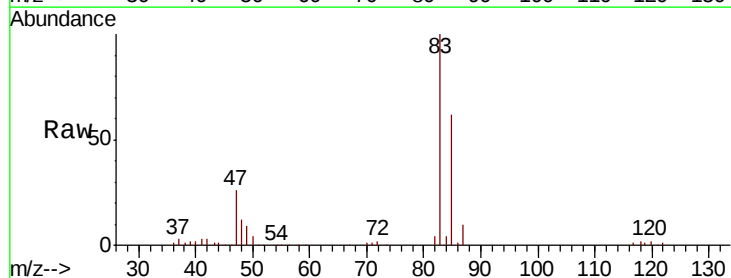


Abundance Ion 42.00 (41.70 to 42.70): VX0  
Ion 72.00 (71.70 to 72.70): VX0  
Ion 71.00 (70.70 to 71.70): VX0

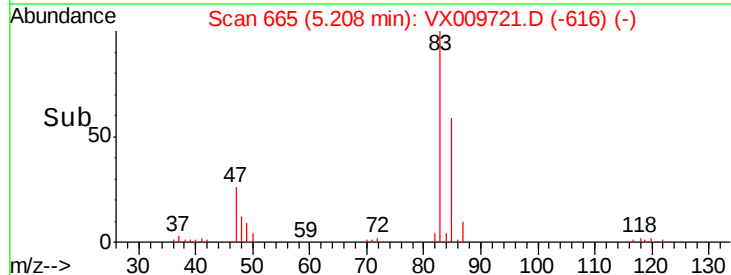
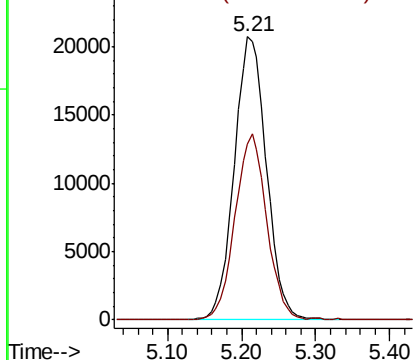


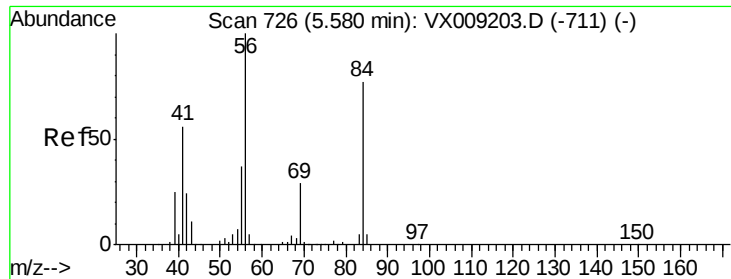
#30  
Chloroform  
Concen: 20.800 ug/l  
RT: 5.21 min Scan# 665  
Delta R.T. 0.00 min  
Lab File: VX009721.D  
Acq: 20 May 2019 13:18

Tgt Ion: 83 Resp: 62847  
Ion Ratio Lower Upper  
83 100  
85 62.2 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 19.079 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

VX0520WBS01

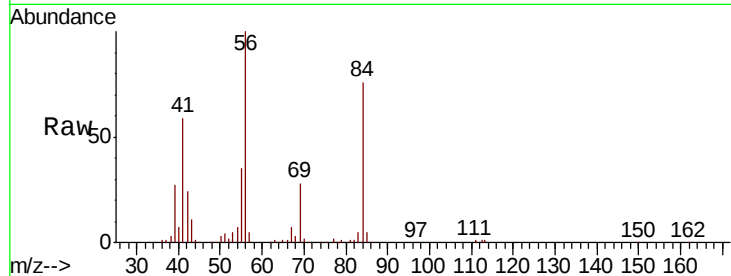
Tgt Ion: 56 Resp: 59301

Ion Ratio Lower Upper

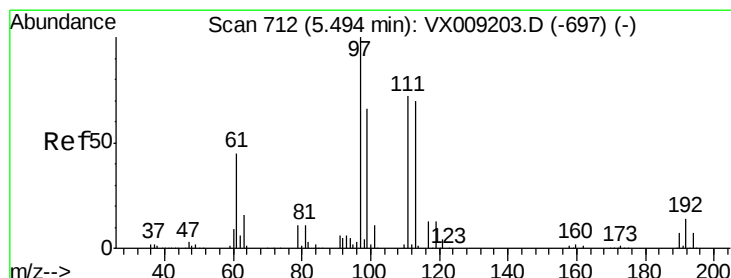
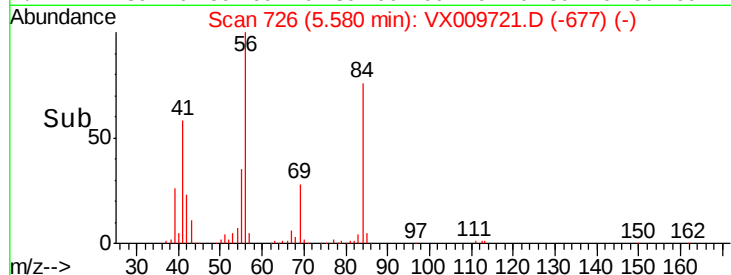
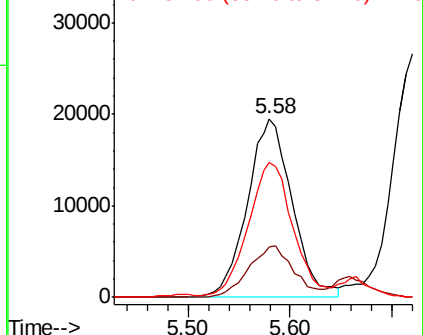
56 100

69 28.4 23.4 35.0

84 74.0 61.9 92.9



Abundance Ion 56.00 (55.70 to 56.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.073 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

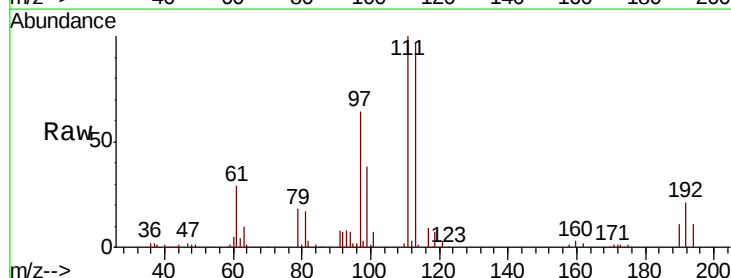
Tgt Ion: 97 Resp: 50490

Ion Ratio Lower Upper

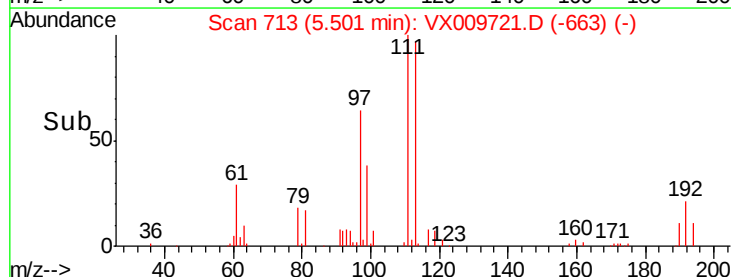
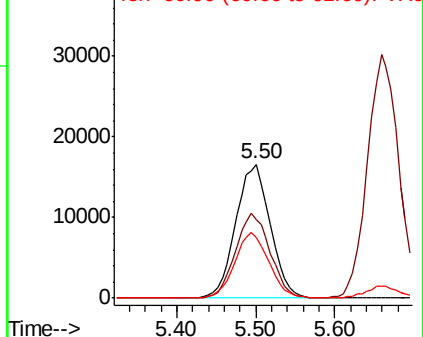
97 100

99 63.7 51.8 77.8

61 48.4 37.8 56.8



Abundance Ion 96.90 (96.60 to 97.60): VX0  
Ion 98.90 (98.60 to 99.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0

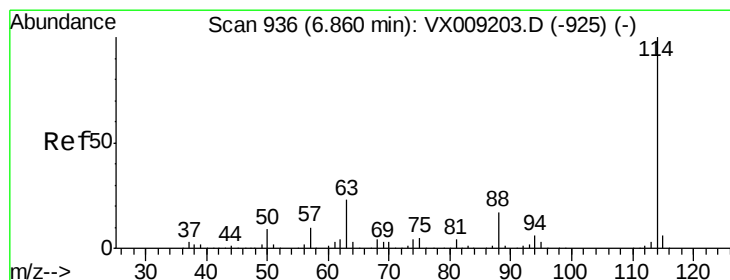
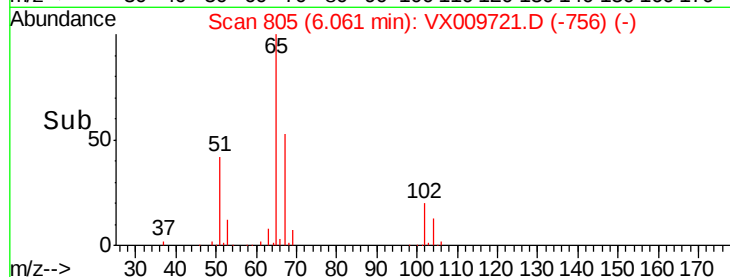
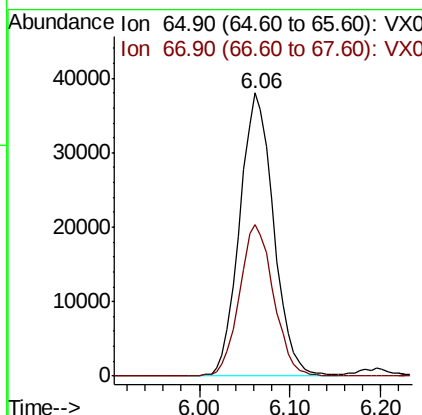
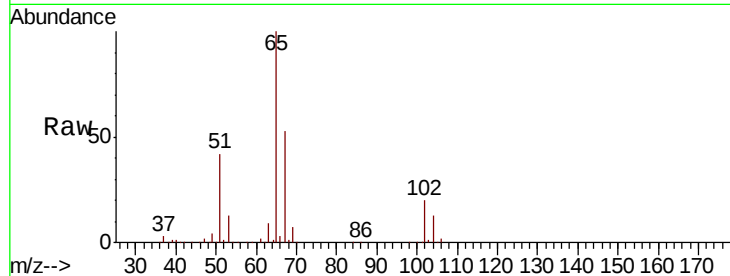




#33  
 1,2-Dichloroethane-d4  
 Concen: 46.983 ug/l  
 RT: 6.06 min Scan# 805  
 Delta R.T. 0.00 min  
 Lab File: VX009721.D  
 Acq: 20 May 2019 13:18

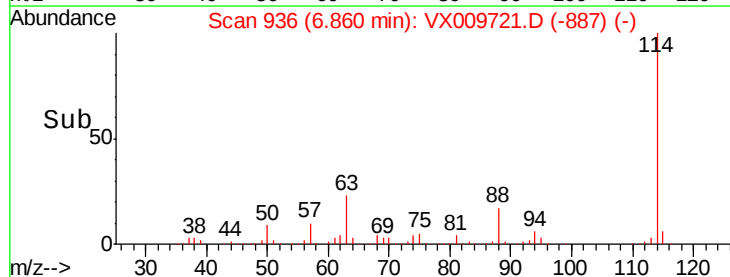
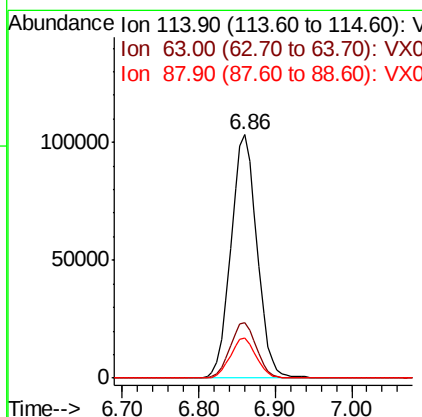
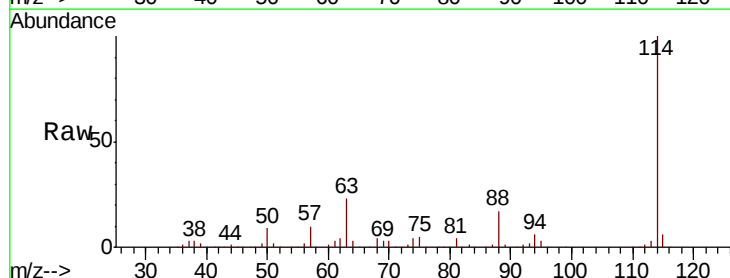
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0520WBS01

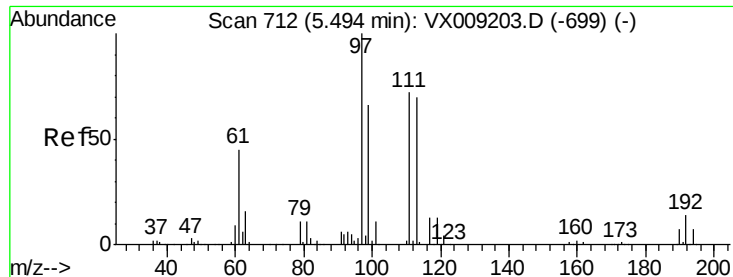
Tgt Ion: 65 Resp: 98772  
 Ion Ratio Lower Upper  
 65 100  
 67 53.9 0.0 106.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: VX009721.D  
 Acq: 20 May 2019 13:18

Tgt Ion: 114 Resp: 243622  
 Ion Ratio Lower Upper  
 114 100  
 63 22.6 0.0 45.6  
 88 16.6 0.0 33.2

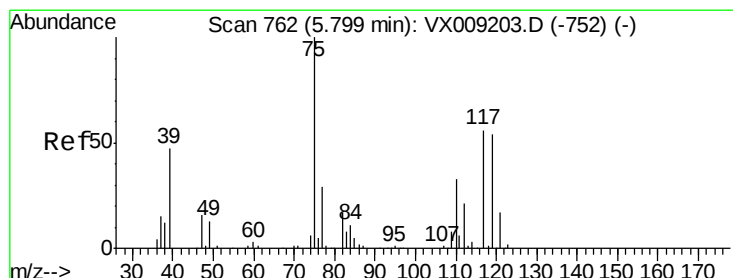
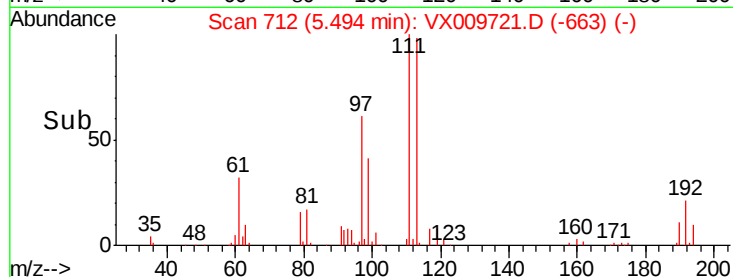
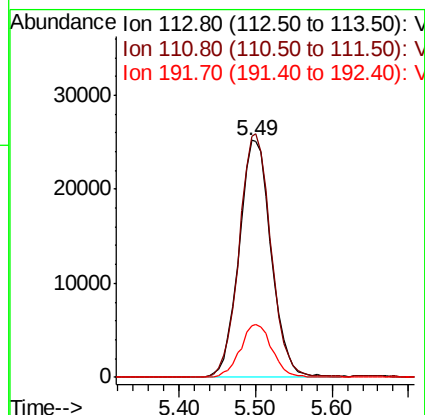
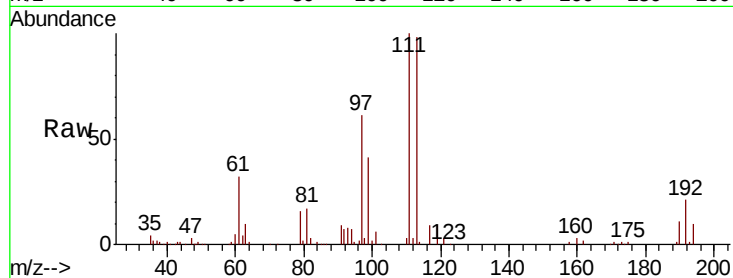




#35  
 Dibromofluoromethane  
 Concen: 47.884 ug/l  
 RT: 5.49 min Scan# 712  
 Delta R.T. 0.00 min  
 Lab File: VX009721.D  
 Acq: 20 May 2019 13:18

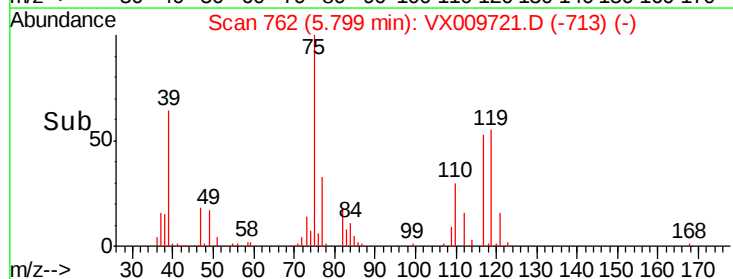
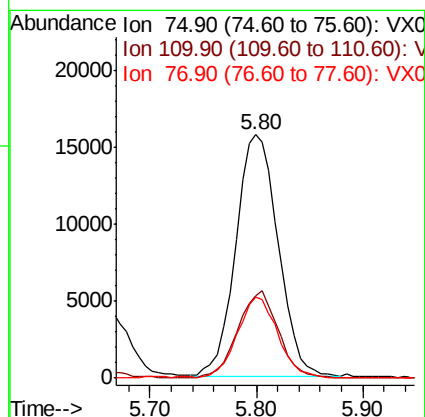
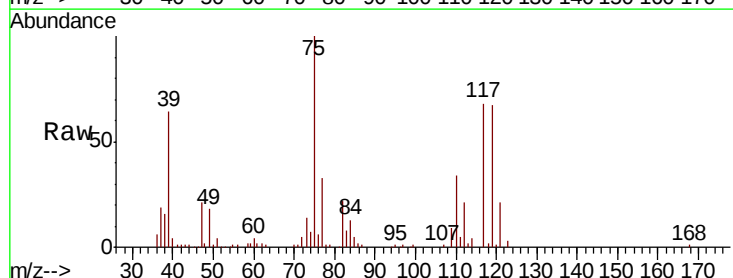
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0520WBS01

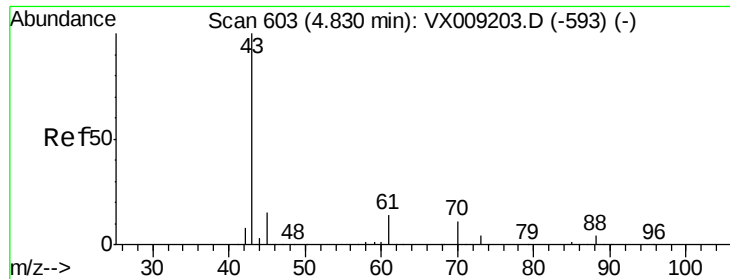
Tgt Ion:113 Resp: 73335  
 Ion Ratio Lower Upper  
 113 100  
 111 101.5 82.8 124.2  
 192 22.0 17.0 25.6



#36  
 1,1-Dichloropropene  
 Concen: 19.416 ug/l  
 RT: 5.80 min Scan# 762  
 Delta R.T. 0.00 min  
 Lab File: VX009721.D  
 Acq: 20 May 2019 13:18

Tgt Ion: 75 Resp: 43959  
 Ion Ratio Lower Upper  
 75 100  
 110 34.5 16.9 50.6  
 77 32.0 24.8 37.2

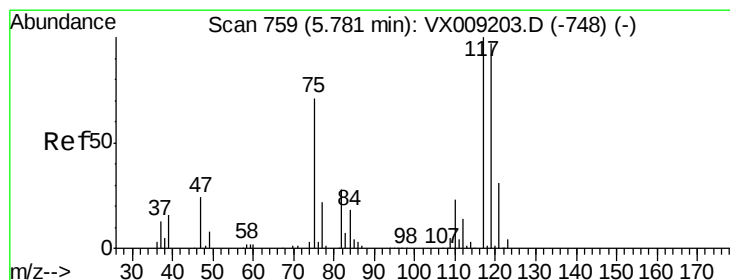
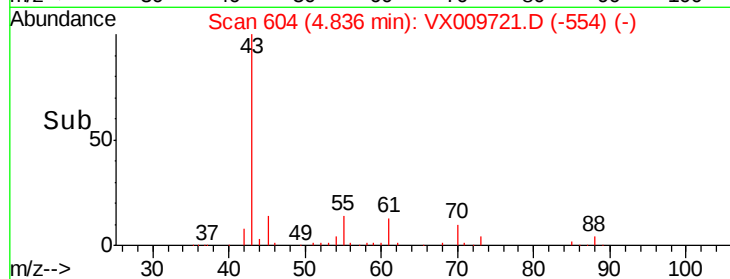
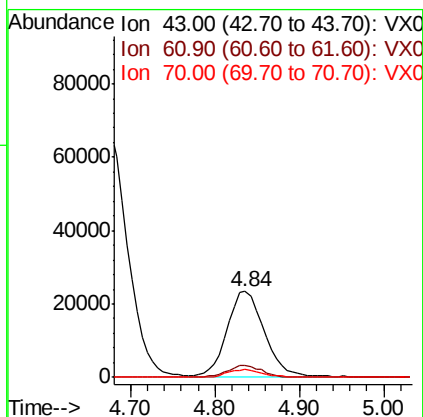
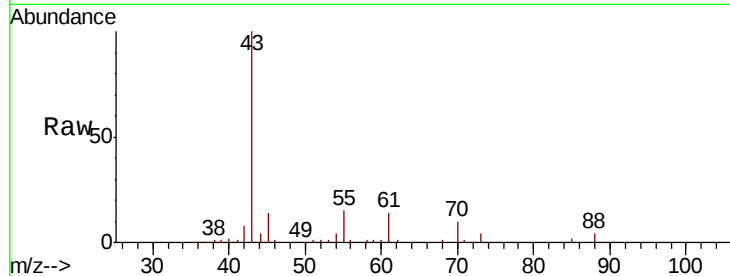




#37  
Ethyl Acetate  
Concen: 21.902 ug/l  
RT: 4.84 min Scan# 604  
Delta R.T. 0.01 min  
Lab File: VX009721.D  
Acq: 20 May 2019 13:18

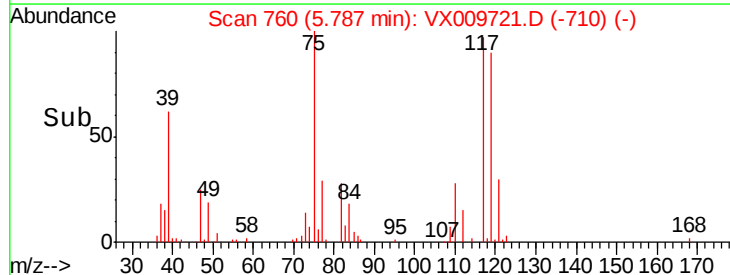
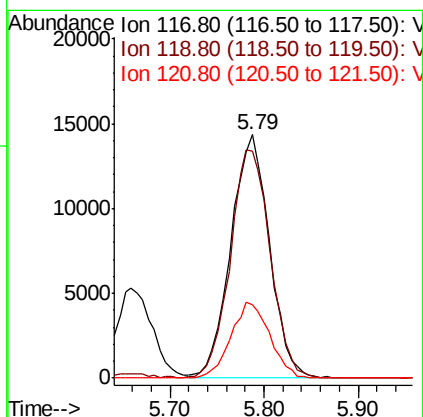
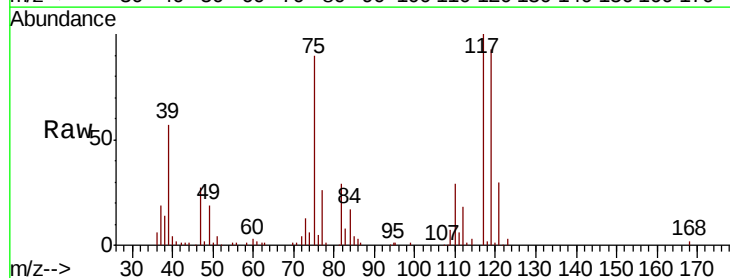
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0520WBS01

Tgt Ion: 43 Resp: 69090  
Ion Ratio Lower Upper  
43 100  
61 13.6 10.5 15.7  
70 9.4 7.9 11.9



#38  
Carbon Tetrachloride  
Concen: 20.007 ug/l  
RT: 5.79 min Scan# 760  
Delta R.T. 0.01 min  
Lab File: VX009721.D  
Acq: 20 May 2019 13:18

Tgt Ion: 117 Resp: 41154  
Ion Ratio Lower Upper  
117 100  
119 93.1 77.5 116.3  
121 30.1 24.7 37.1

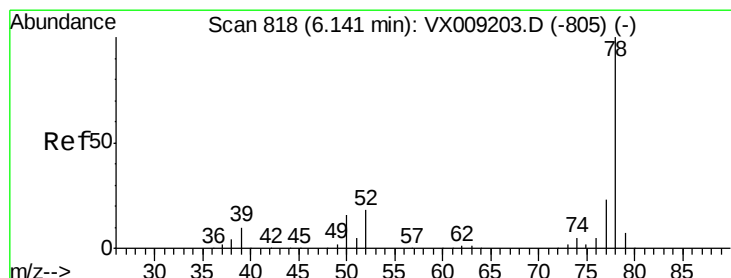
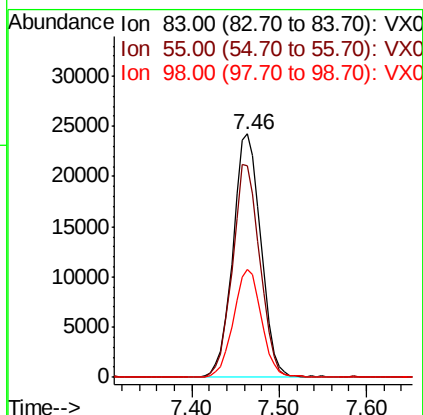
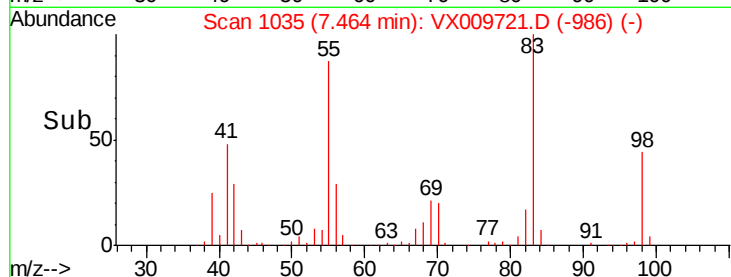
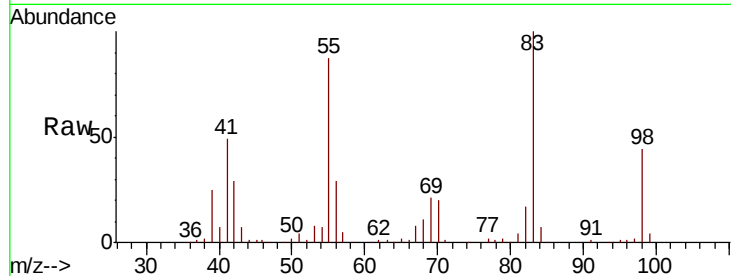




#39  
Methylcyclohexane  
Concen: 19.455 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. 0.00 min  
Lab File: VX009721.D  
Acq: 20 May 2019 13:18

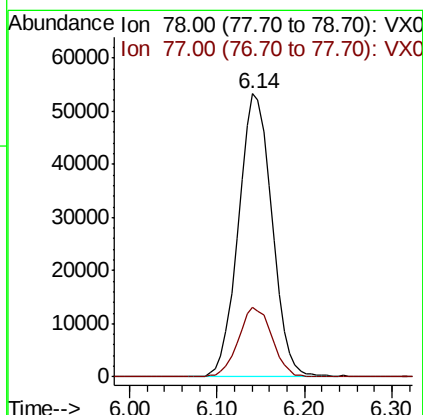
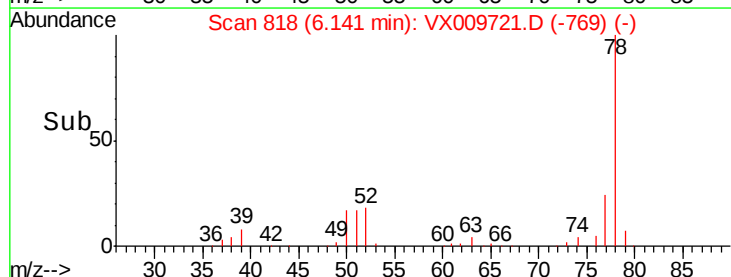
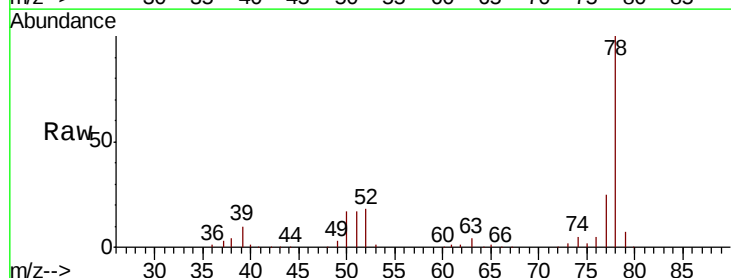
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0520WBS01

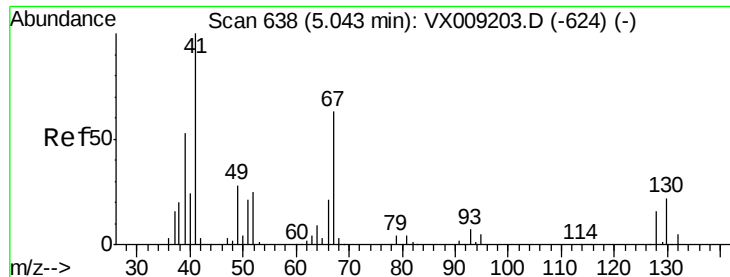
Tgt Ion: 83 Resp: 54094  
Ion Ratio Lower Upper  
83 100  
55 86.9 67.7 101.5  
98 44.1 35.5 53.3



#40  
Benzene  
Concen: 20.269 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. 0.00 min  
Lab File: VX009721.D  
Acq: 20 May 2019 13:18

Tgt Ion: 78 Resp: 142018  
Ion Ratio Lower Upper  
78 100  
77 24.5 18.8 28.2





#41

Methacrylonitrile

Concen: 21.434 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

VX0520WBS01

Tgt Ion: 41 Resp: 40248

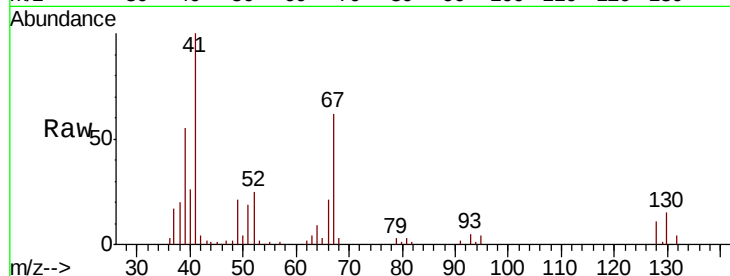
Ion Ratio Lower Upper

41 100

39 53.7 42.0 63.0

67 62.5 49.8 74.8

52 27.1 20.3 30.5

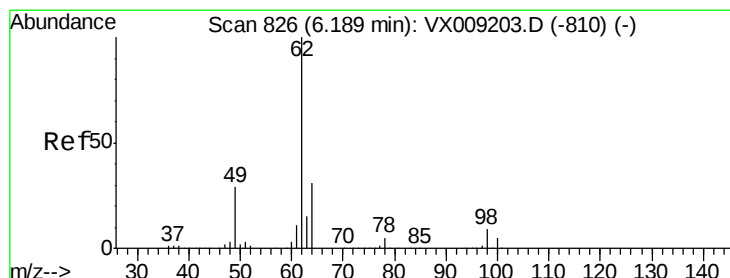
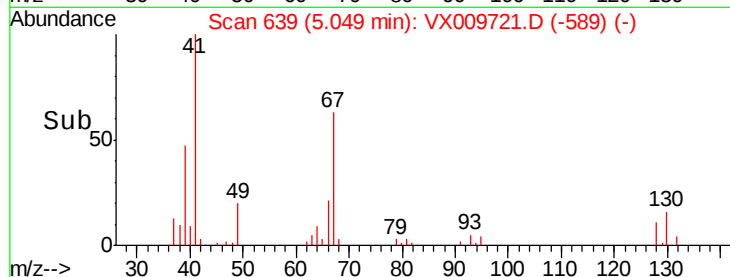
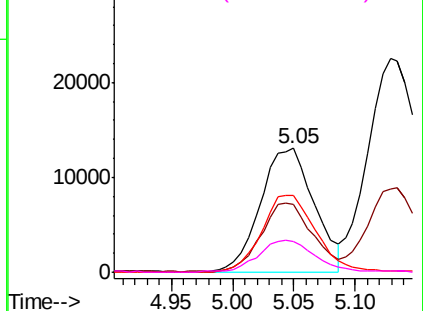


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 21.133 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX009721.D

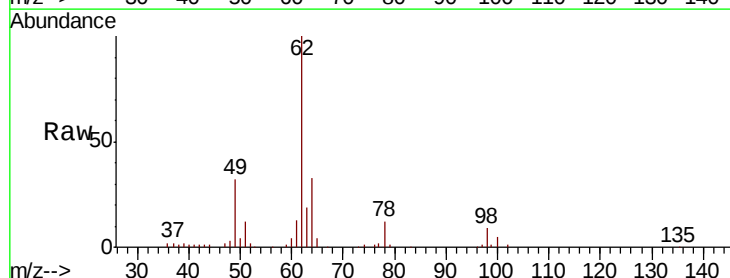
Acq: 20 May 2019 13:18

Tgt Ion: 62 Resp: 53116

Ion Ratio Lower Upper

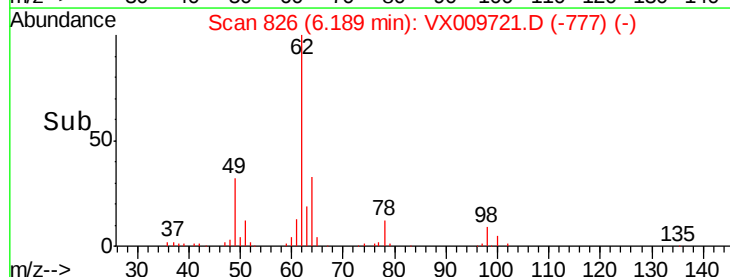
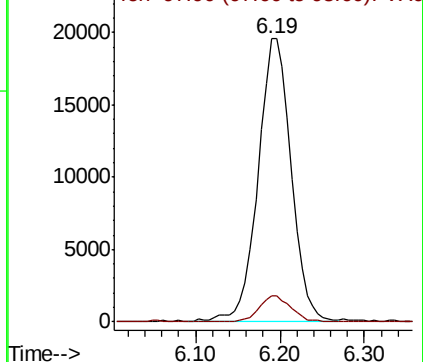
62 100

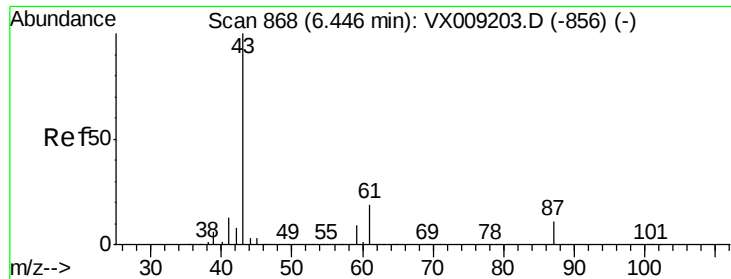
98 8.8 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 21.847 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

VX0520WBS01

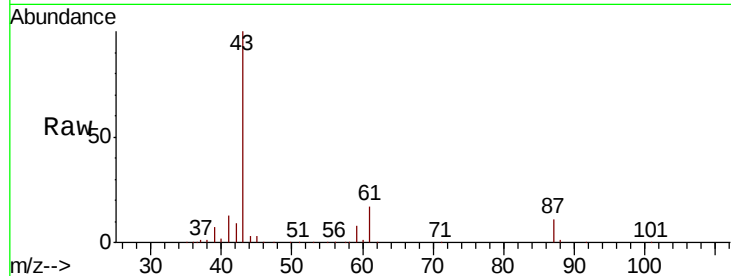
Tgt Ion: 43 Resp: 110235

Ion Ratio Lower Upper

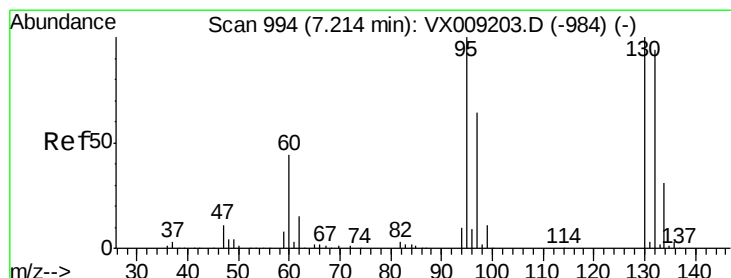
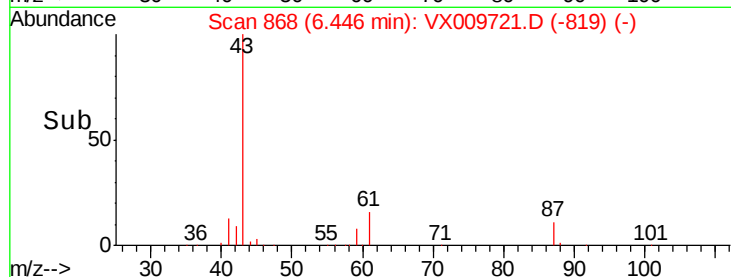
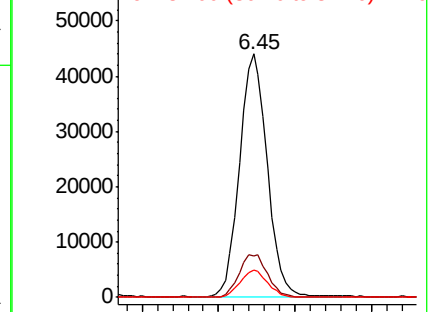
43 100

61 18.3 15.1 22.7

87 11.0 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: 19.742 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009721.D

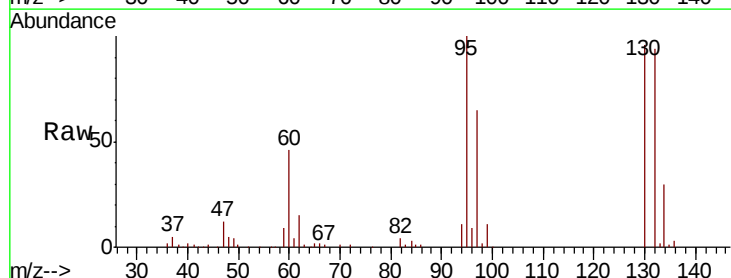
Acq: 20 May 2019 13:18

Tgt Ion: 130 Resp: 33440

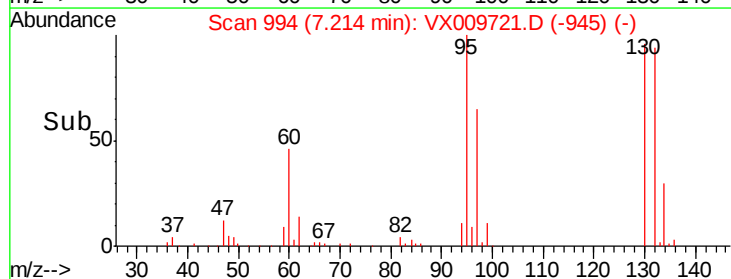
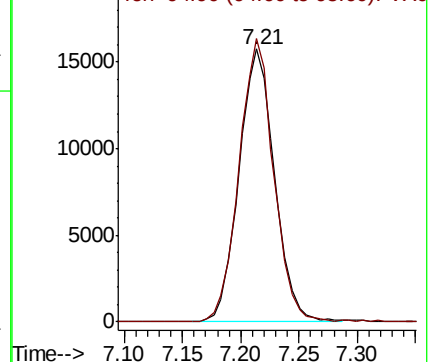
Ion Ratio Lower Upper

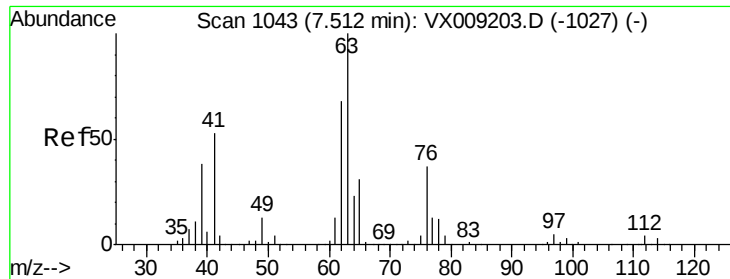
130 100

95 103.7 0.0 199.2



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





#45

1,2-Dichloropropane

Concen: 20.782 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

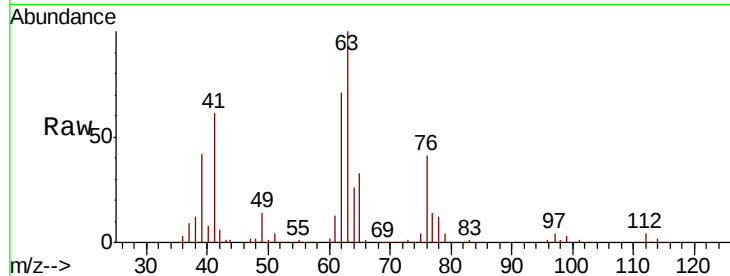
VX0520WBS01

Tgt Ion: 63 Resp: 41232

Ion Ratio Lower Upper

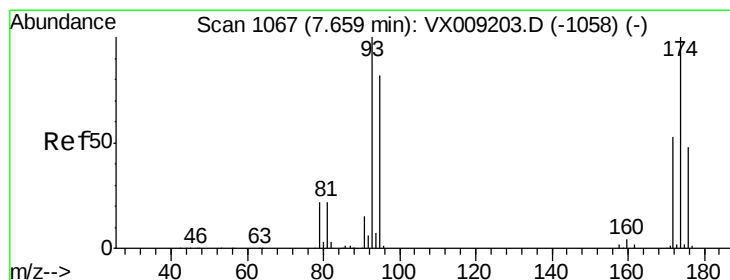
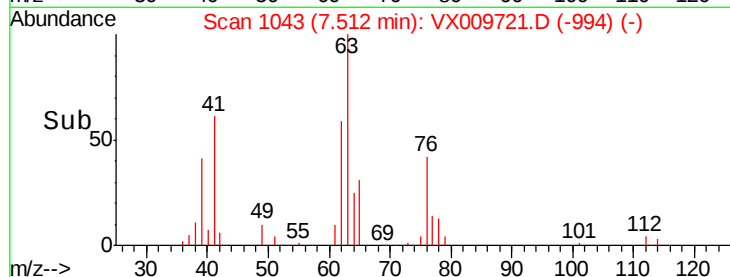
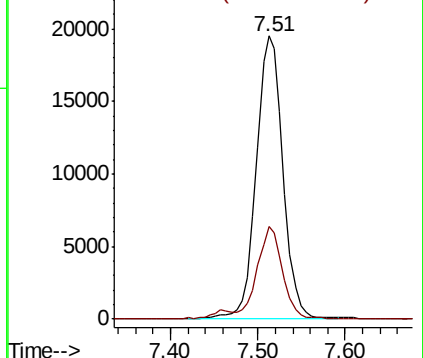
63 100

65 32.6 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.701 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

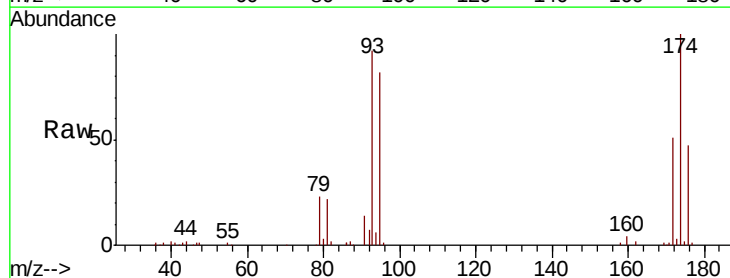
Tgt Ion: 93 Resp: 23850

Ion Ratio Lower Upper

93 100

95 82.3 66.5 99.7

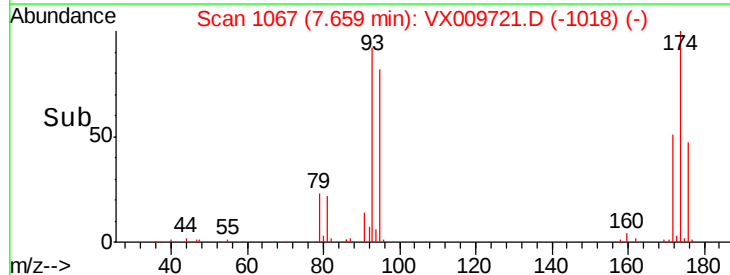
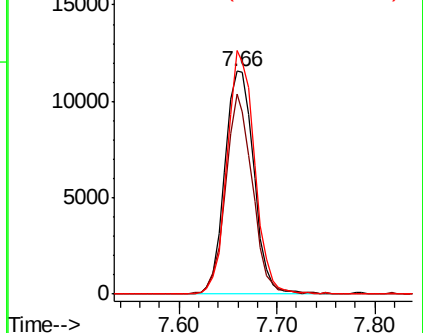
174 102.9 82.1 123.1



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.261 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

VX0520WBS01

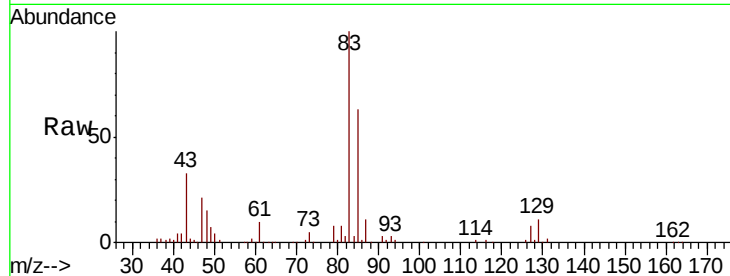
Tgt Ion: 83 Resp: 48862

Ion Ratio Lower Upper

83 100

85 62.8 52.4 78.6

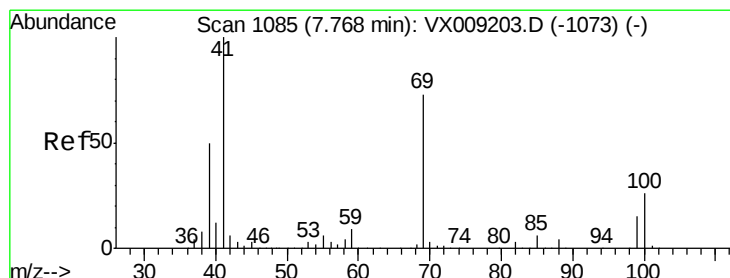
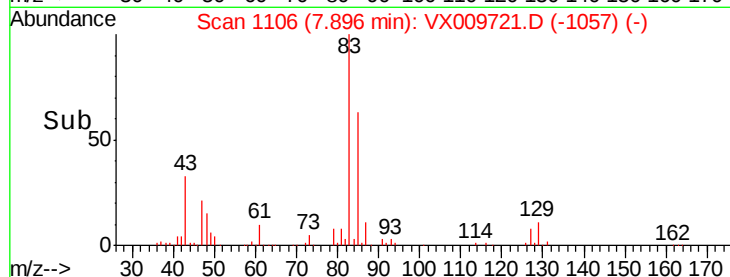
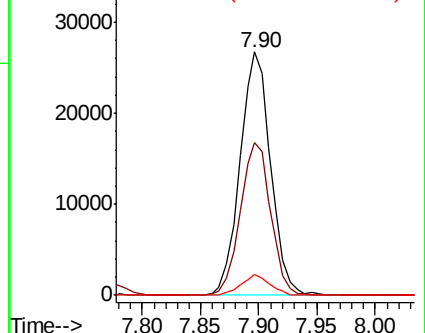
127 8.4 6.6 10.0



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: 21.985 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

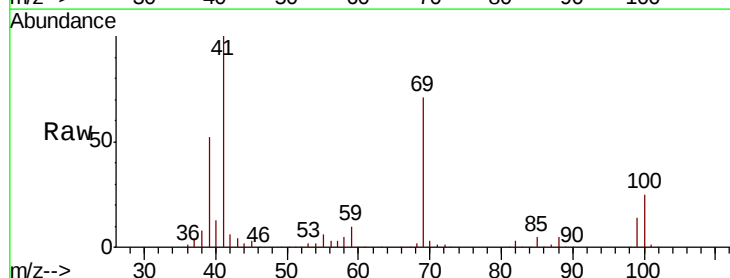
Tgt Ion: 41 Resp: 55036

Ion Ratio Lower Upper

41 100

69 71.1 59.1 88.7

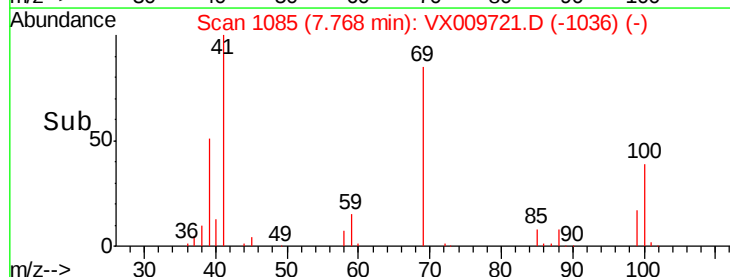
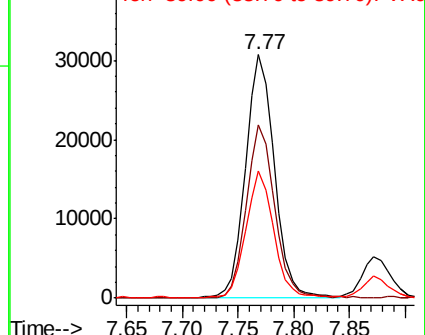
39 50.2 40.4 60.6

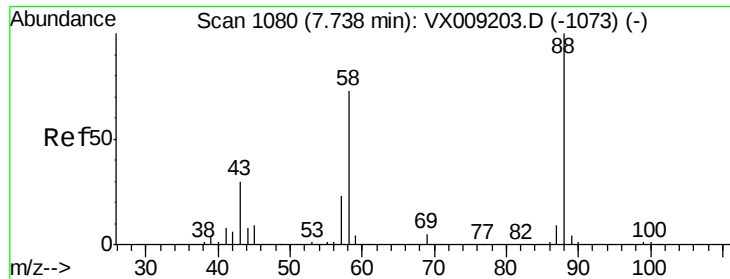


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

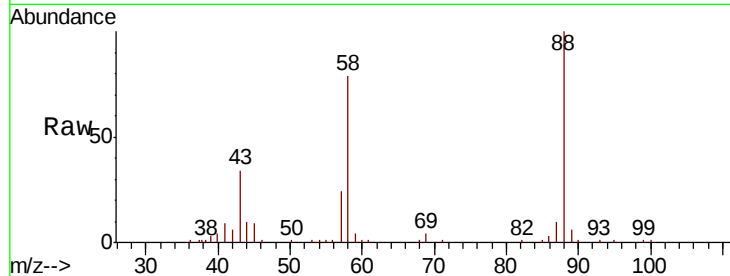




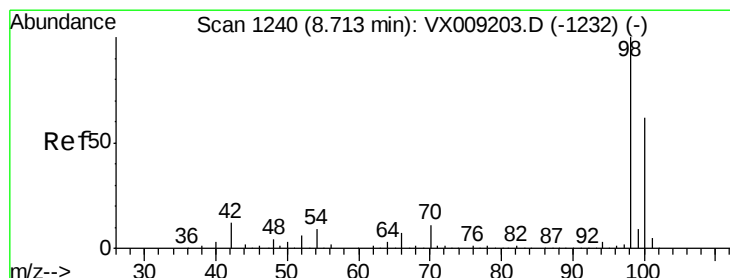
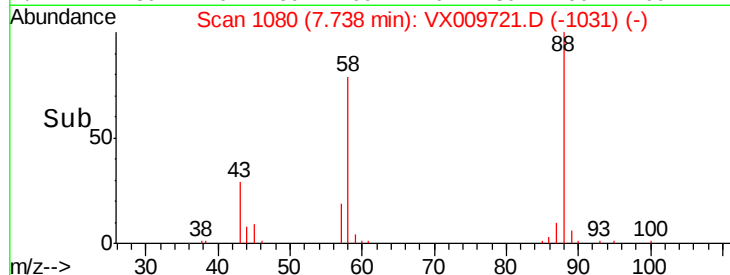
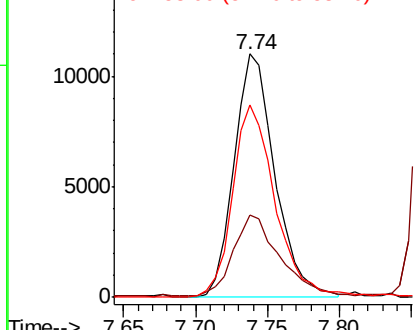
#49  
 1,4-Dioxane  
 Concen: 427.113 ug/l  
 RT: 7.74 min Scan# 1080  
 Delta R.T. 0.00 min  
 Lab File: VX009721.D  
 Acq: 20 May 2019 13:18

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0520WBS01

Tgt Ion: 88 Resp: 21683  
 Ion Ratio Lower Upper  
 88 100  
 43 37.9 28.6 42.8  
 58 82.7 61.7 92.5

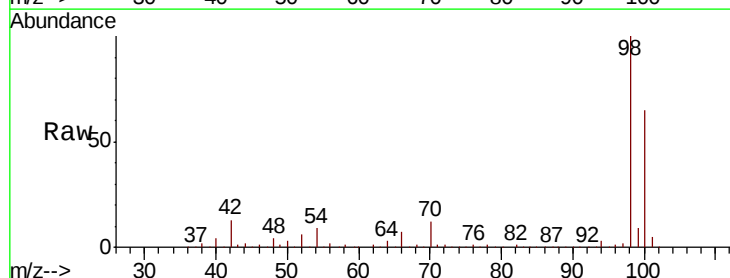


Abundance Ion 88.00 (87.70 to 88.70): VX0  
 Ion 43.00 (42.70 to 43.70): VX0  
 Ion 58.00 (57.70 to 58.70): VX0

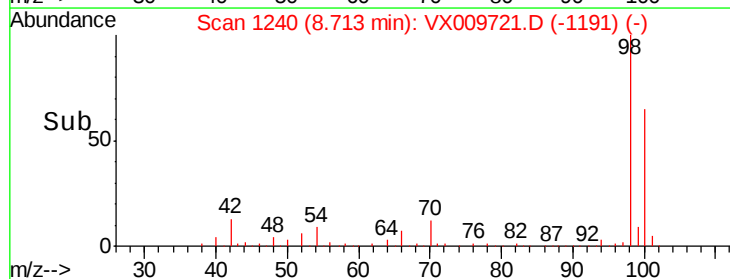
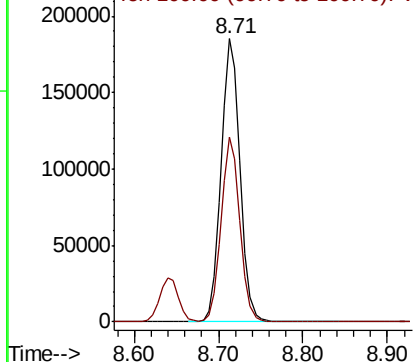


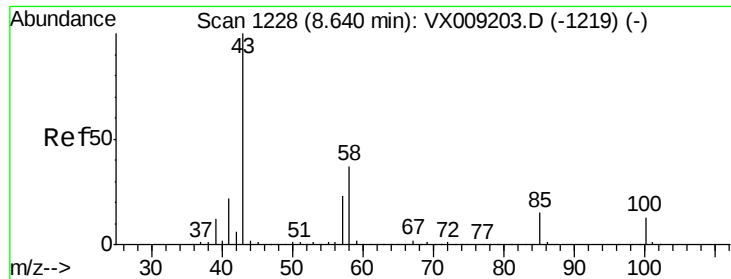
#50  
 Toluene-d8  
 Concen: 46.494 ug/l  
 RT: 8.71 min Scan# 1240  
 Delta R.T. 0.00 min  
 Lab File: VX009721.D  
 Acq: 20 May 2019 13:18

Tgt Ion: 98 Resp: 287477  
 Ion Ratio Lower Upper  
 98 100  
 100 64.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0  
 Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 113.762 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

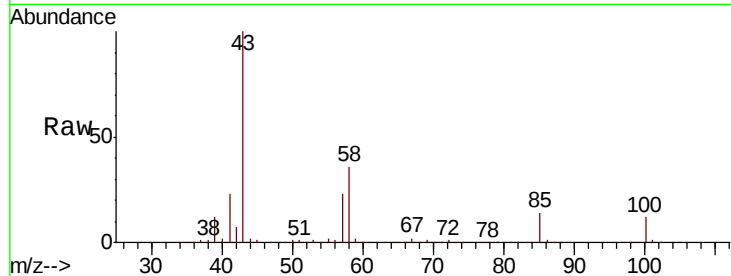
VX0520WBS01

Tgt Ion: 43 Resp: 375184

Ion Ratio Lower Upper

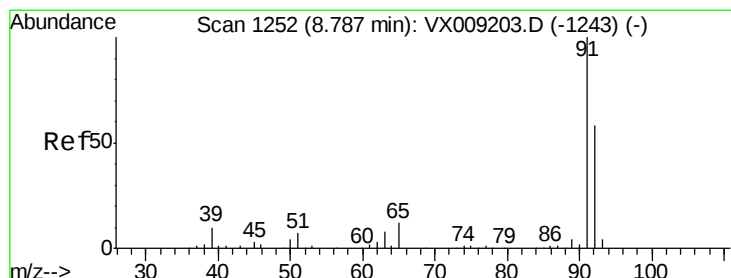
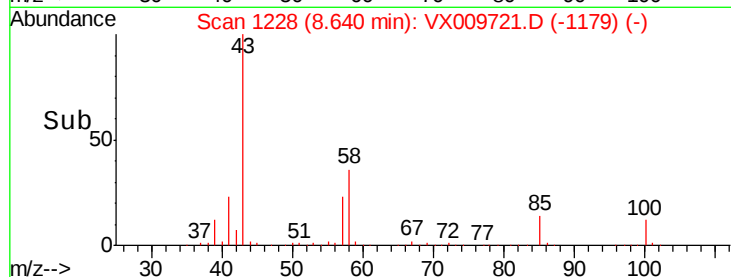
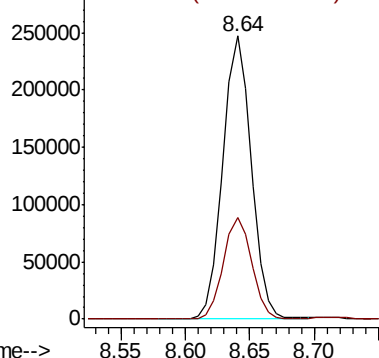
43 100

58 36.2 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.615 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009721.D

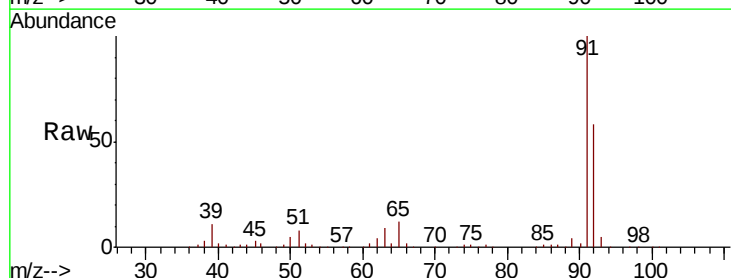
Acq: 20 May 2019 13:18

Tgt Ion: 92 Resp: 87802

Ion Ratio Lower Upper

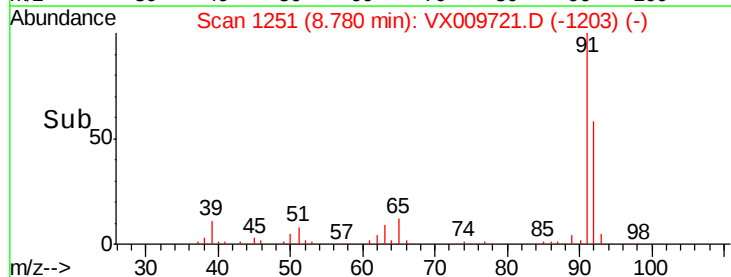
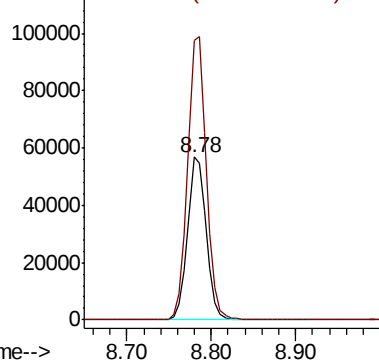
92 100

91 173.5 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

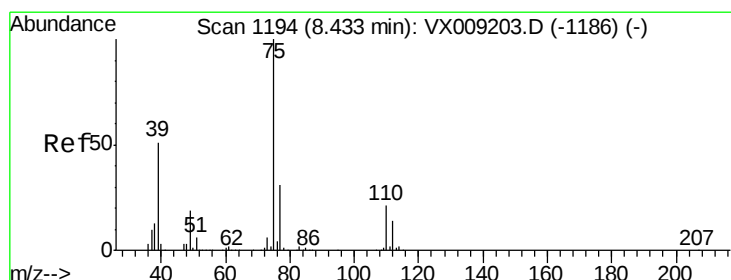
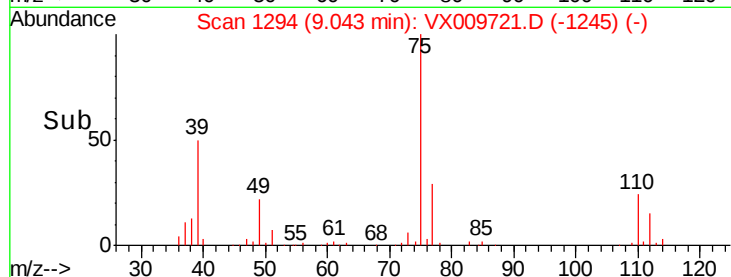
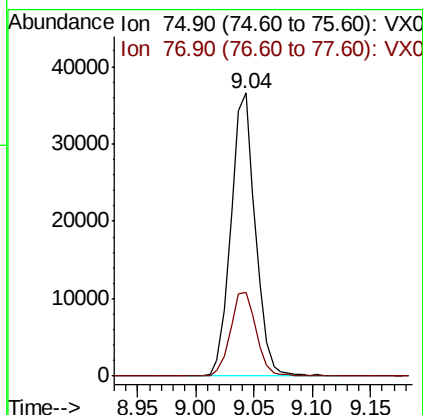
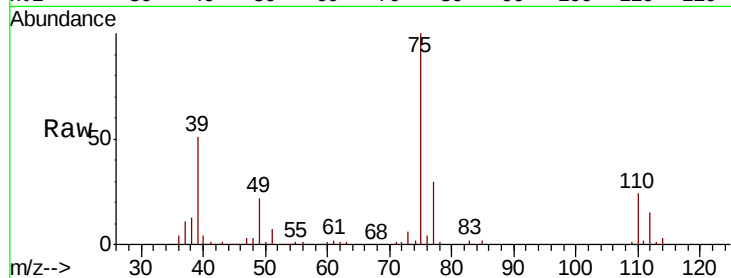




#53  
t-1,3-Dichloropropene  
Concen: 20.585 ug/l  
RT: 9.04 min Scan# 1294  
Delta R.T. 0.00 min  
Lab File: VX009721.D  
Acq: 20 May 2019 13:18

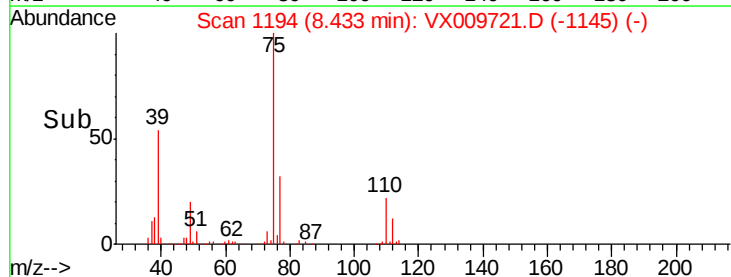
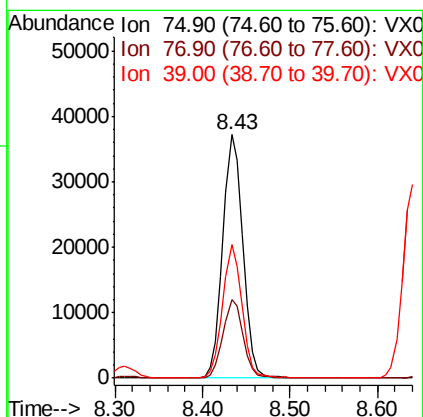
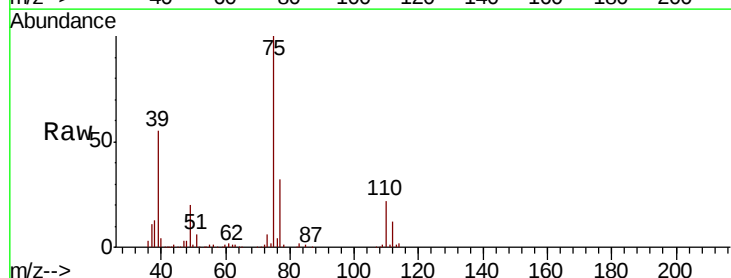
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0520WBS01

Tgt Ion: 75 Resp: 53411  
Ion Ratio Lower Upper  
75 100  
77 29.5 25.0 37.6



#54  
cis-1,3-Dichloropropene  
Concen: 20.706 ug/l  
RT: 8.43 min Scan# 1194  
Delta R.T. 0.00 min  
Lab File: VX009721.D  
Acq: 20 May 2019 13:18

Tgt Ion: 75 Resp: 59466  
Ion Ratio Lower Upper  
75 100  
77 32.4 24.6 36.8  
39 54.5 40.6 60.8

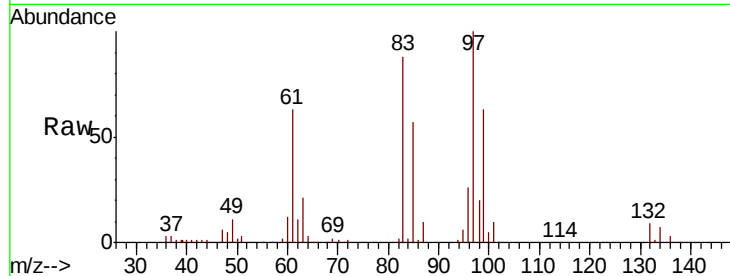




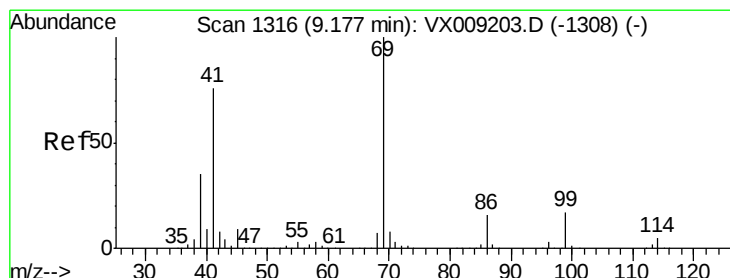
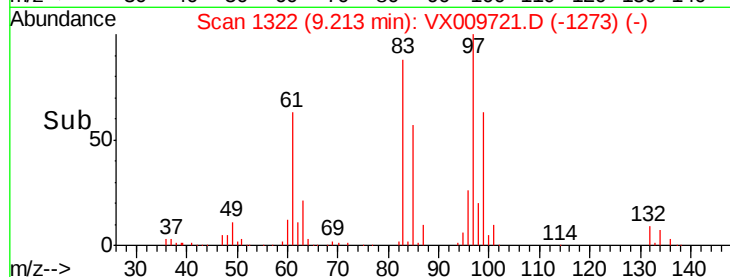
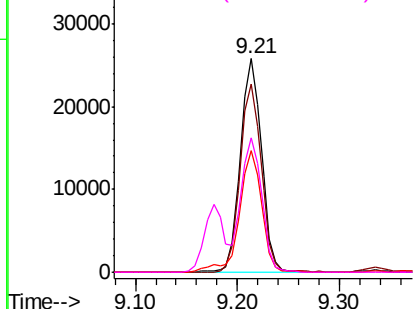
#55  
 1,1,2-Trichloroethane  
 Concen: 21.346 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. 0.00 min  
 Lab File: VX009721.D  
 Acq: 20 May 2019 13:18

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0520WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 37091 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 88.2  | 68.9  | 103.3 |
| 85       | 56.8  | 43.8  | 65.6  |
| 99       | 62.7  | 48.2  | 72.2  |

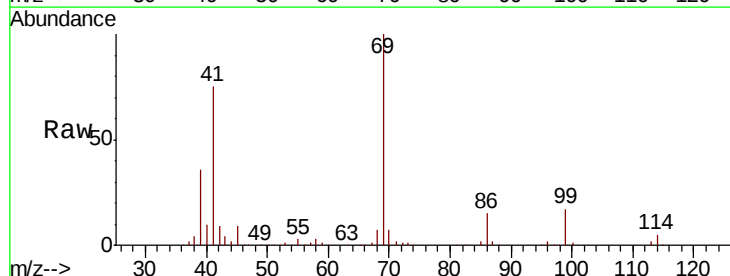


Abundance Ion 96.90 (96.60 to 97.60): VX0  
 Ion 82.90 (82.60 to 83.60): VX0  
 Ion 84.90 (84.60 to 85.60): VX0  
 Ion 98.90 (98.60 to 99.60): VX0

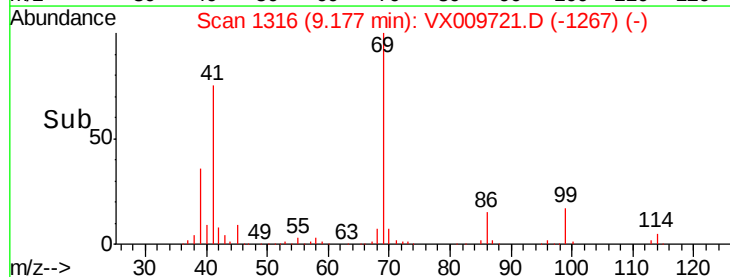
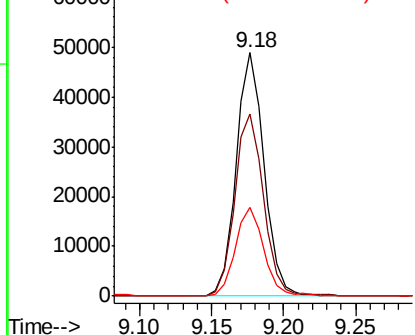


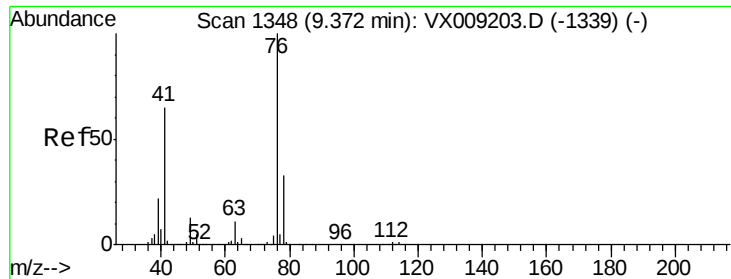
#56  
 Ethyl methacrylate  
 Concen: 21.250 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: VX009721.D  
 Acq: 20 May 2019 13:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 65912 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 78.2  | 60.6  | 90.8  |
| 39       | 37.8  | 28.2  | 42.4  |



Abundance Ion 69.00 (68.70 to 69.70): VX0  
 Ion 41.00 (40.70 to 41.70): VX0  
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.938 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

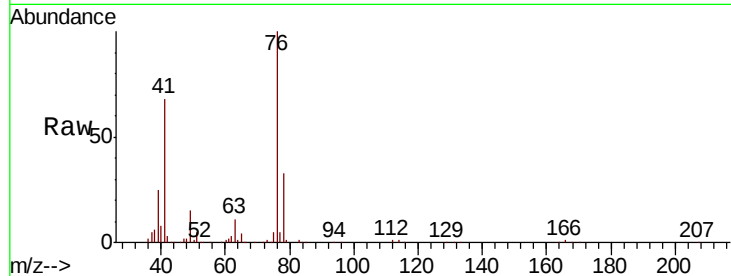
VX0520WBS01

Tgt Ion: 76 Resp: 64024

Ion Ratio Lower Upper

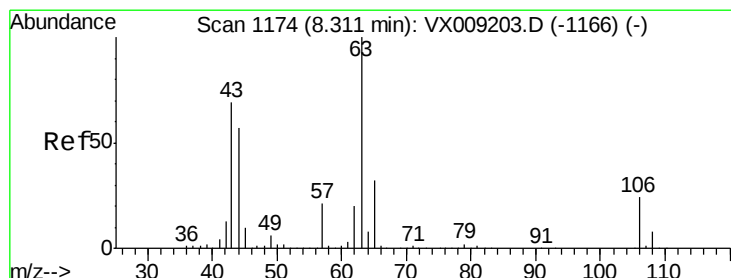
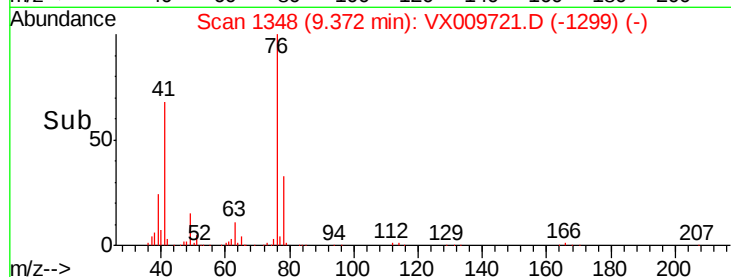
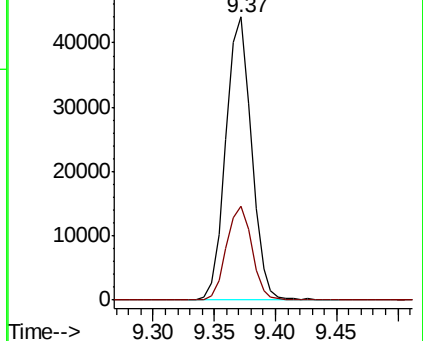
76 100

78 32.9 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 84.347 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009721.D

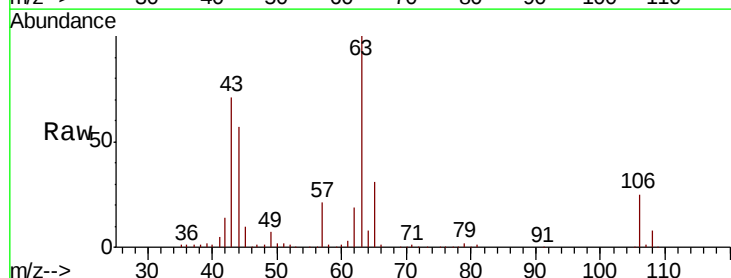
Acq: 20 May 2019 13:18

Tgt Ion: 63 Resp: 138791

Ion Ratio Lower Upper

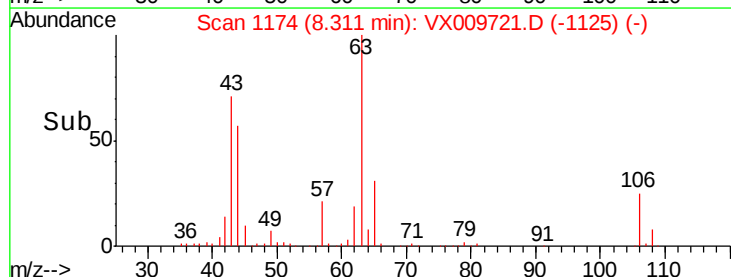
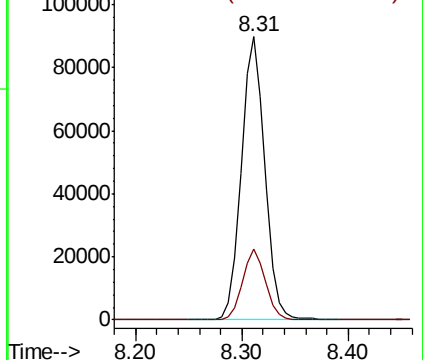
63 100

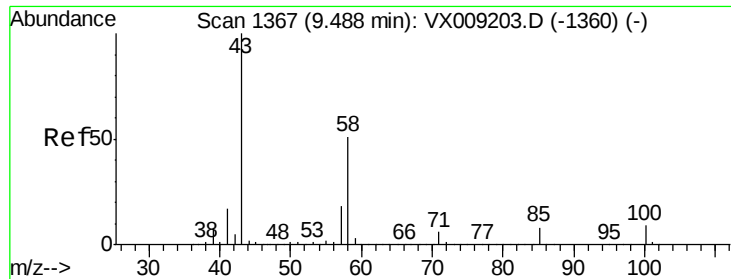
106 24.6 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

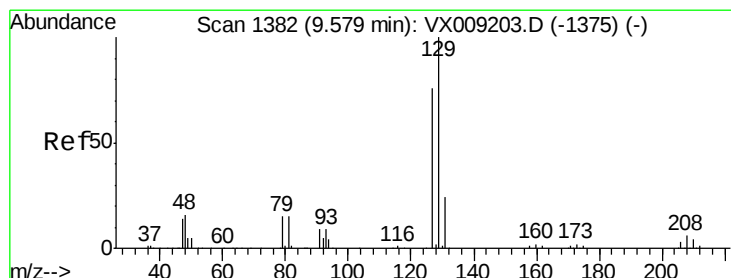
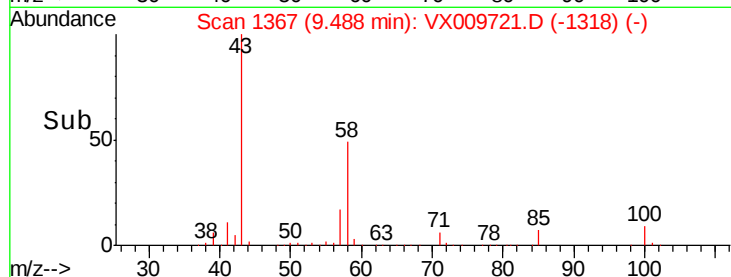
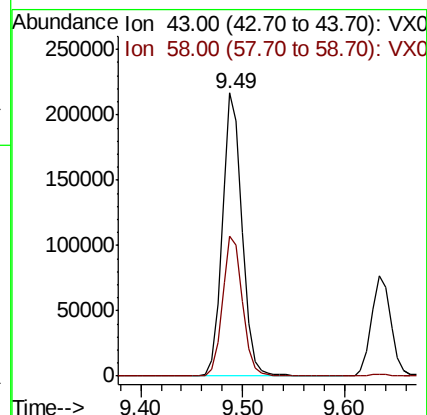
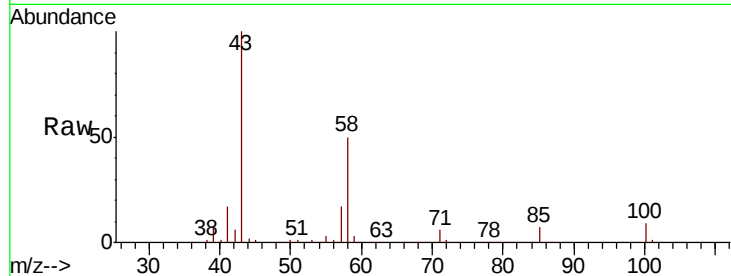




#59  
2-Hexanone  
Concen: 113.375 ug/l  
RT: 9.49 min Scan# 1367  
Delta R.T. 0.00 min  
Lab File: VX009721.D  
Acq: 20 May 2019 13:18

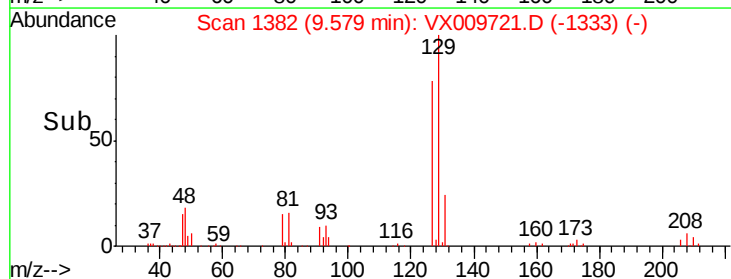
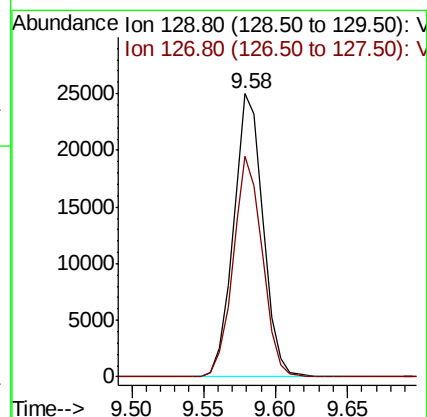
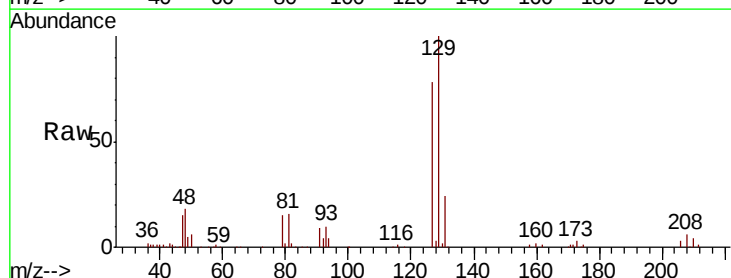
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0520WBS01

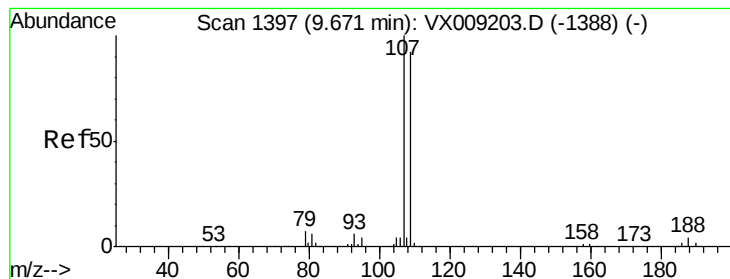
Tgt Ion: 43 Resp: 293662  
Ion Ratio Lower Upper  
43 100  
58 50.2 25.9 77.7



#60  
Dibromochloromethane  
Concen: 21.145 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. 0.00 min  
Lab File: VX009721.D  
Acq: 20 May 2019 13:18

Tgt Ion: 129 Resp: 35885  
Ion Ratio Lower Upper  
129 100  
127 76.7 38.4 115.1





#61

1,2-Dibromoethane

Concen: 21.023 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

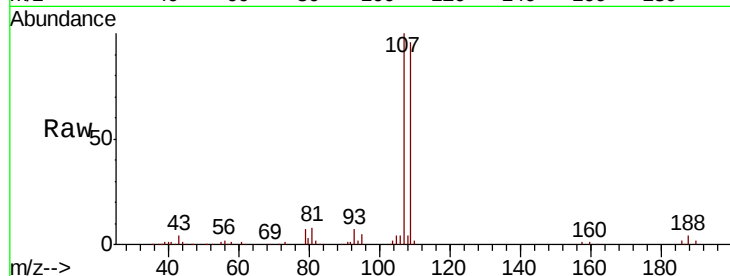
VX0520WBS01

Tgt Ion: 107 Resp: 36875

Ion Ratio Lower Upper

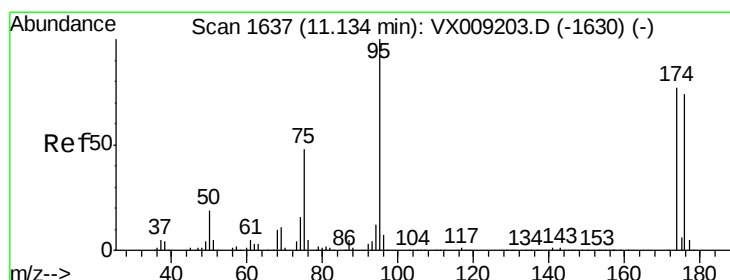
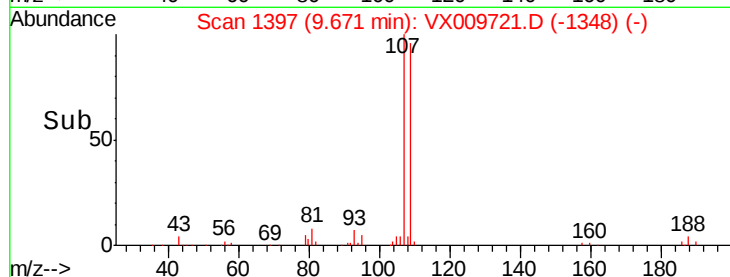
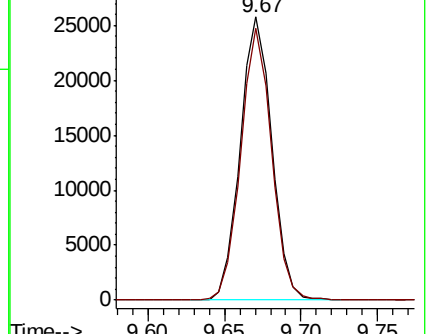
107 100

109 94.0 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.203 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

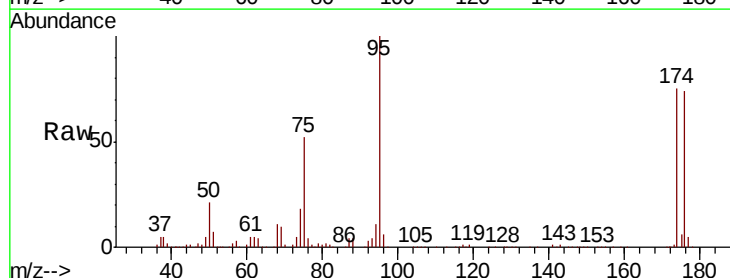
Tgt Ion: 95 Resp: 106050

Ion Ratio Lower Upper

95 100

174 81.6 0.0 161.6

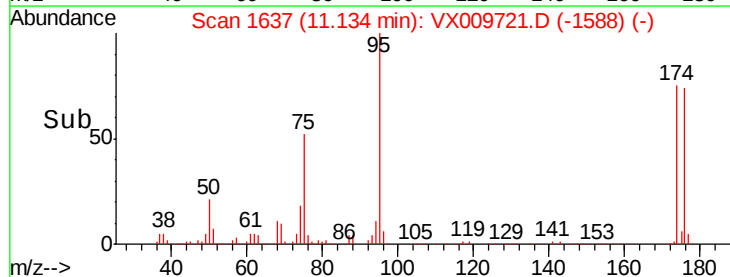
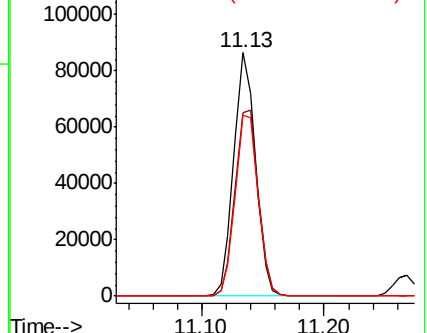
176 78.4 0.0 159.2

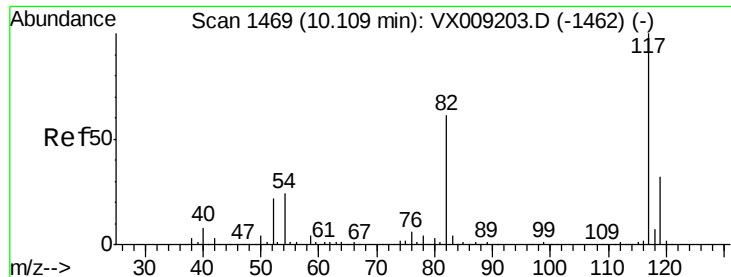


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

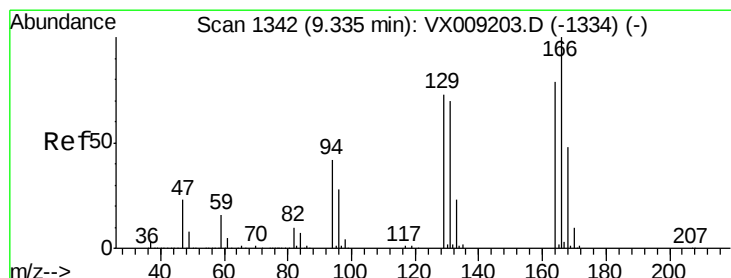
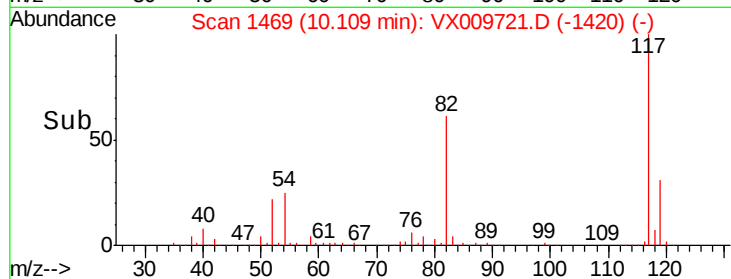
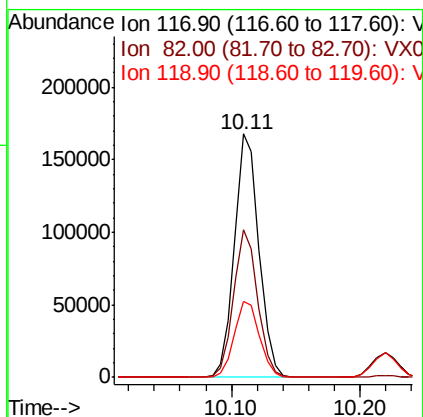
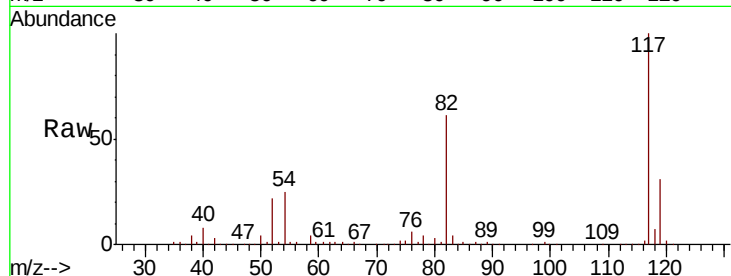




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VX009721.D  
Acq: 20 May 2019 13:18

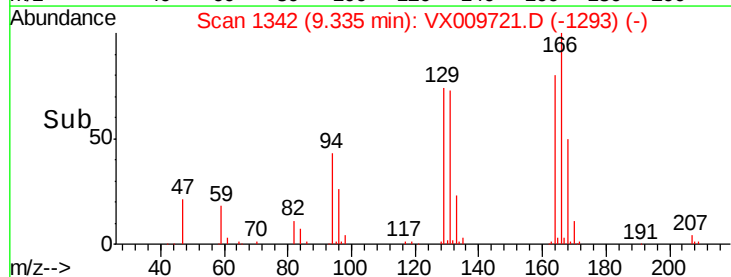
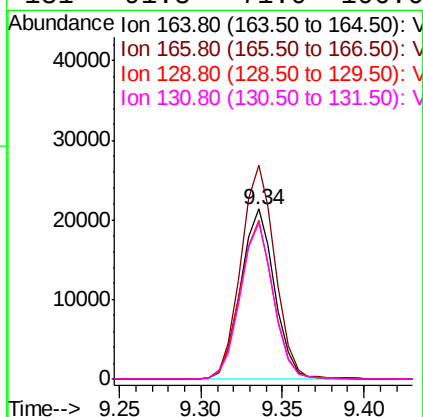
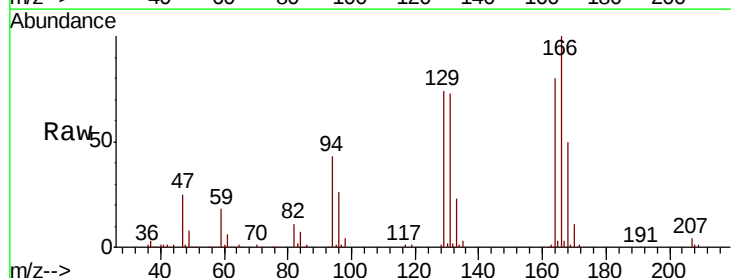
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0520WBS01

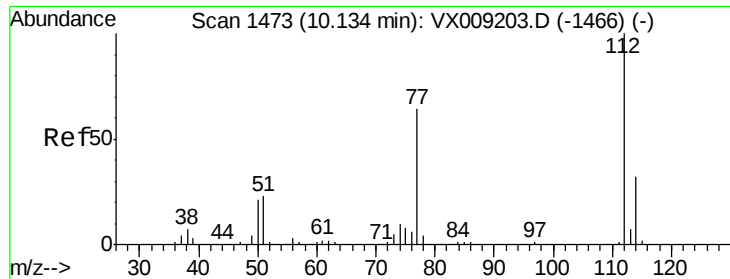
Tgt Ion:117 Resp: 222757  
Ion Ratio Lower Upper  
117 100  
82 60.8 48.8 73.2  
119 31.0 25.8 38.6



#64  
Tetrachloroethene  
Concen: 20.197 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: VX009721.D  
Acq: 20 May 2019 13:18

Tgt Ion:164 Resp: 30861  
Ion Ratio Lower Upper  
164 100  
166 125.7 101.2 151.8  
129 93.4 74.3 111.5  
131 91.8 71.0 106.6

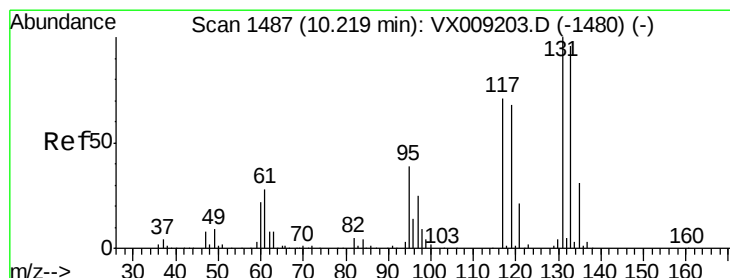
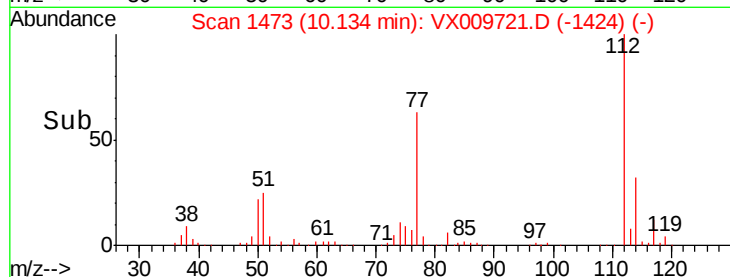
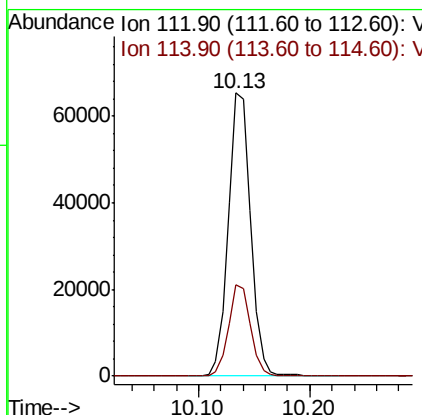
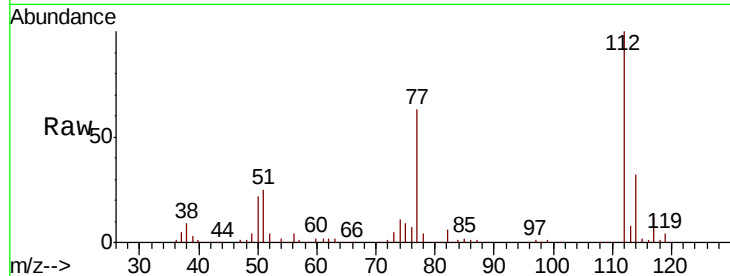




#65  
Chlorobenzene  
Concen: 20.361 ug/l  
RT: 10.13 min Scan# 1473  
Delta R.T. 0.00 min  
Lab File: VX009721.D  
Acq: 20 May 2019 13:18

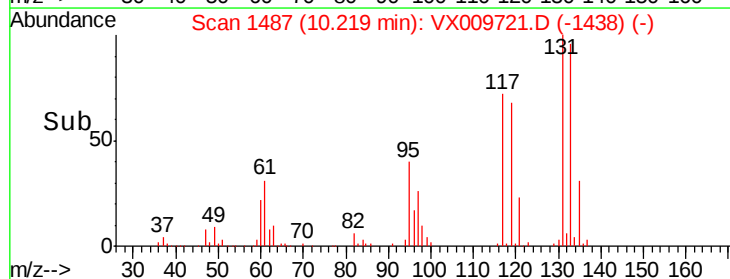
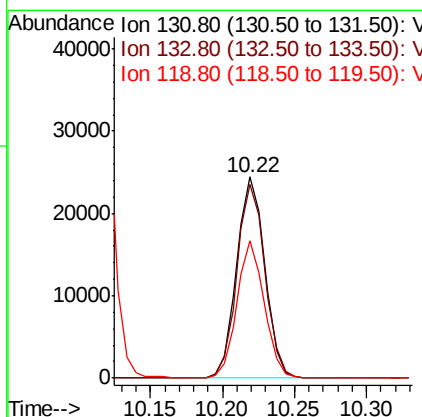
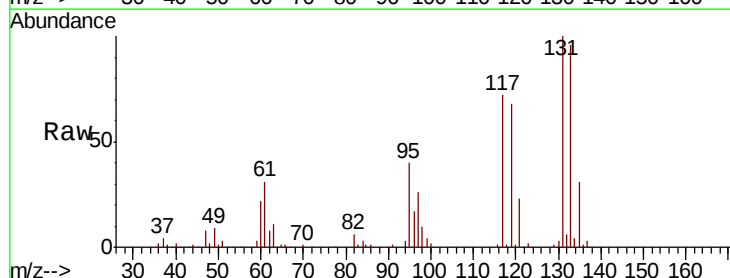
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0520WBS01

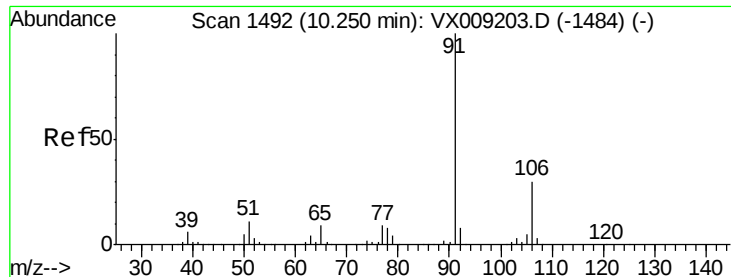
Tgt Ion:112 Resp: 90732  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.596 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. 0.00 min  
Lab File: VX009721.D  
Acq: 20 May 2019 13:18

Tgt Ion:131 Resp: 33273  
Ion Ratio Lower Upper  
131 100  
133 95.8 47.7 143.1  
119 66.5 33.5 100.4





#67

Ethyl Benzene

Concen: 20.179 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

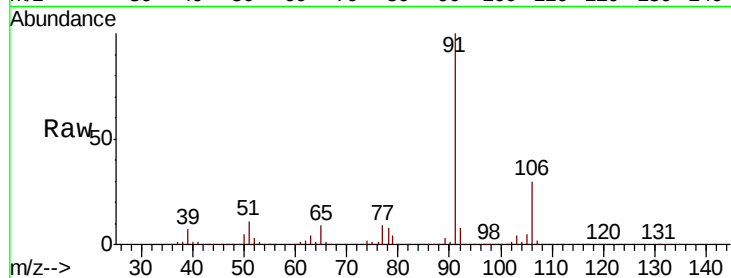
VX0520WBS01

Tgt Ion: 91 Resp: 165492

Ion Ratio Lower Upper

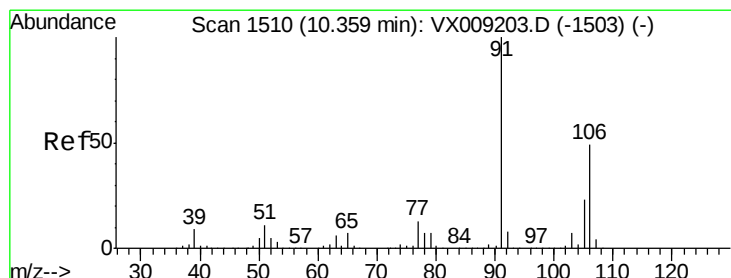
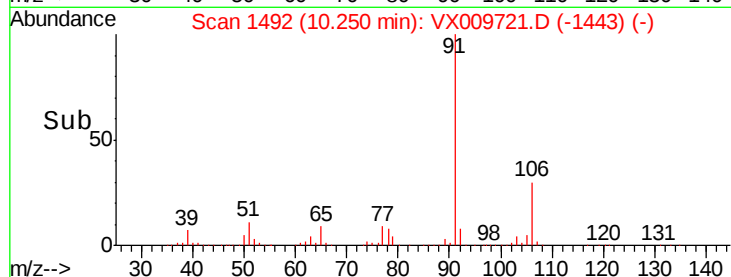
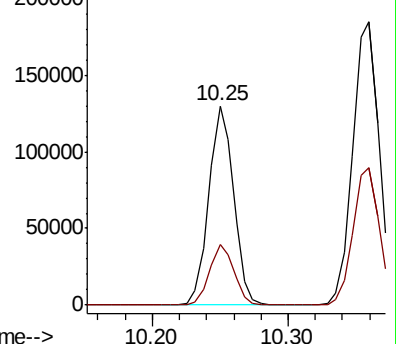
91 100

106 30.3 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.490 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX009721.D

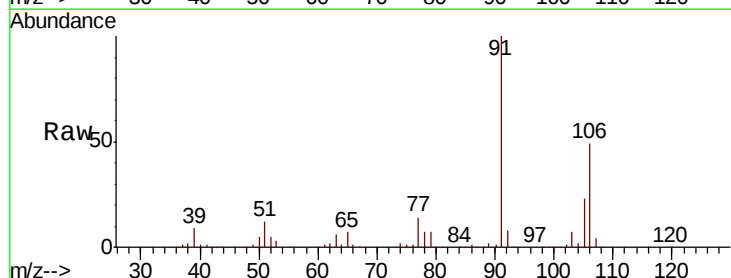
Acq: 20 May 2019 13:18

Tgt Ion: 106 Resp: 121344

Ion Ratio Lower Upper

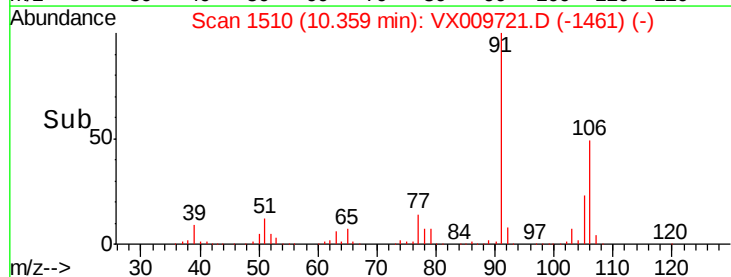
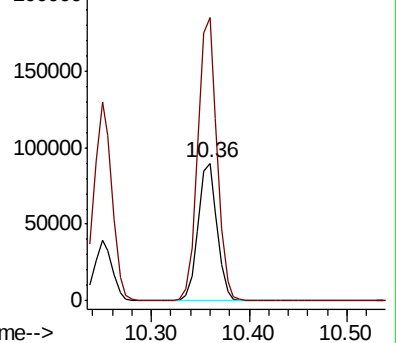
106 100

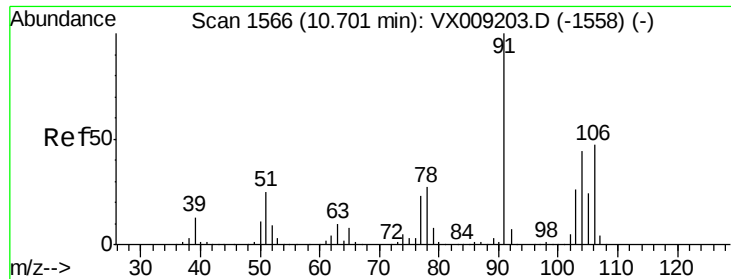
91 206.4 164.0 246.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

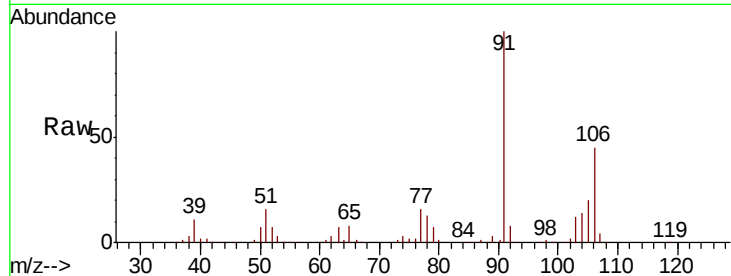




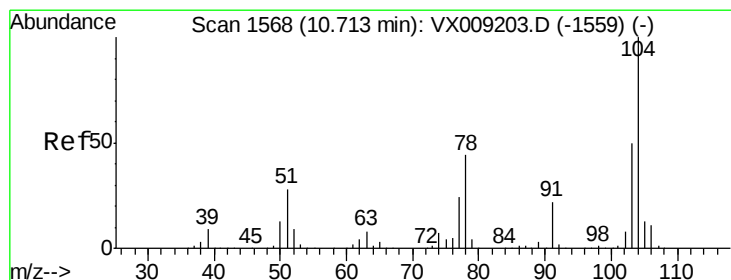
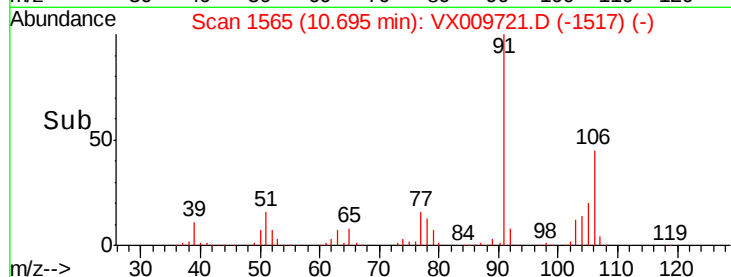
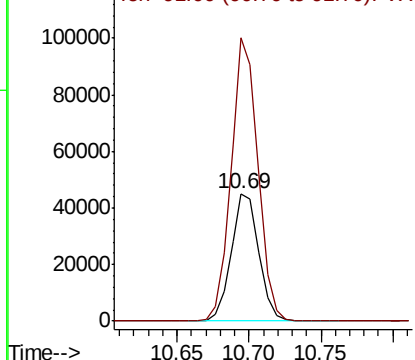
#69  
o-Xylene  
Concen: 20.355 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. -0.01 min  
Lab File: VX009721.D  
Acq: 20 May 2019 13:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0520WBS01

Tgt Ion:106 Resp: 60188  
Ion Ratio Lower Upper  
106 100  
91 217.6 109.5 328.4

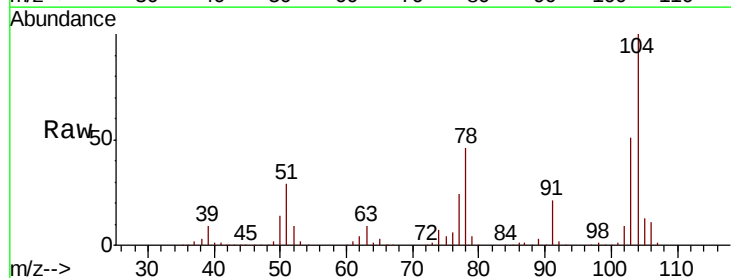


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

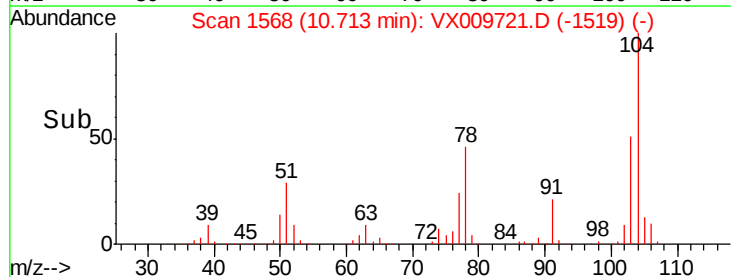
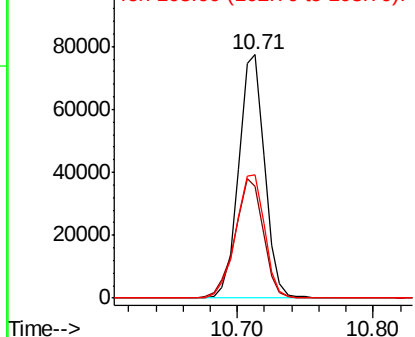


#70  
Styrene  
Concen: 19.983 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VX009721.D  
Acq: 20 May 2019 13:18

Tgt Ion:104 Resp: 102697  
Ion Ratio Lower Upper  
104 100  
78 53.8 41.0 61.4  
103 56.5 43.8 65.6



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: 20.566 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

VX0520WBS01

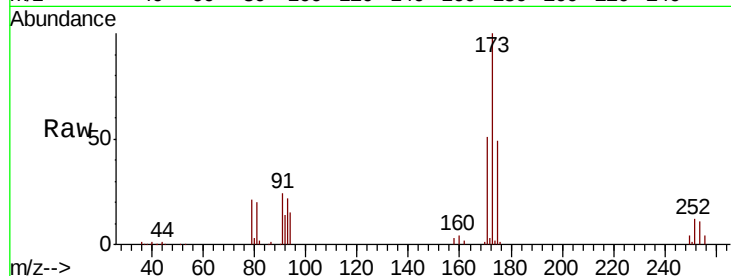
Tgt Ion:173 Resp: 27000

Ion Ratio Lower Upper

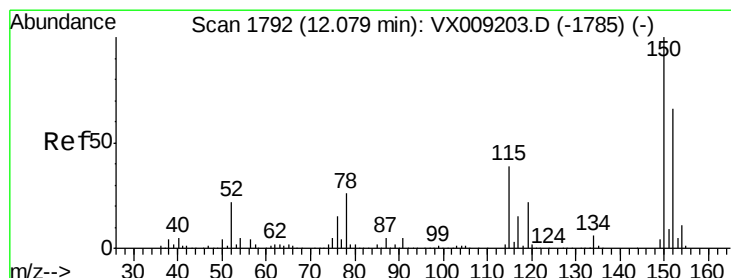
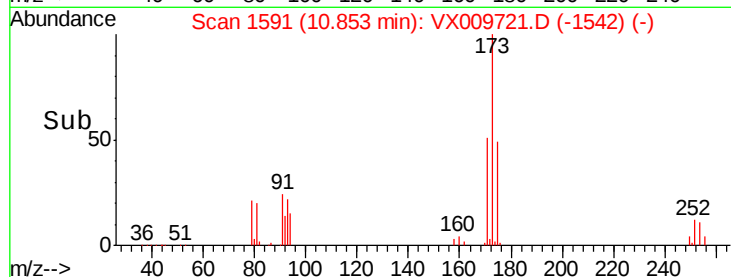
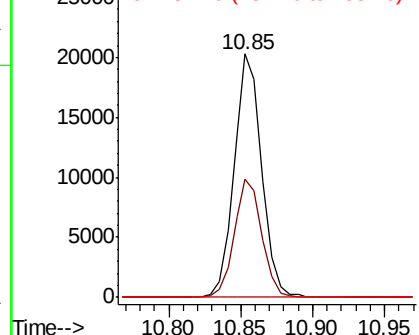
173 100

175 48.5 24.5 73.5

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: VX009721.D

Acq: 20 May 2019 13:18

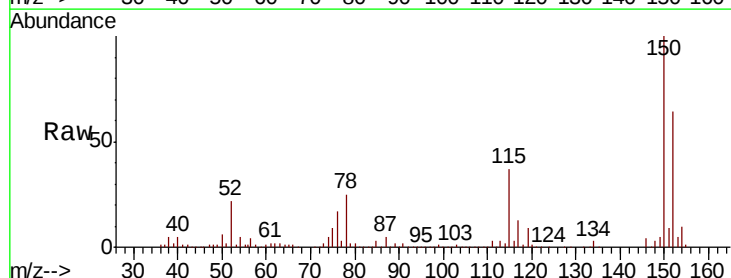
Tgt Ion:152 Resp: 108395

Ion Ratio Lower Upper

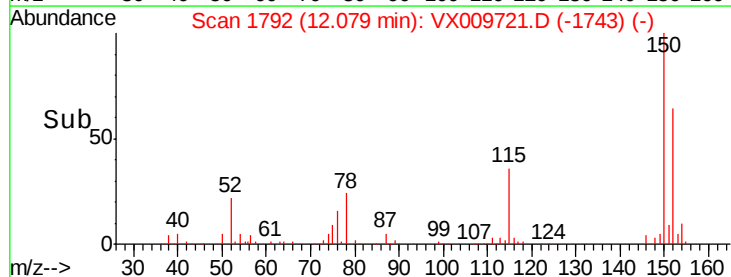
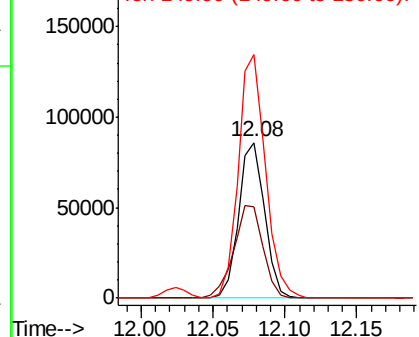
152 100

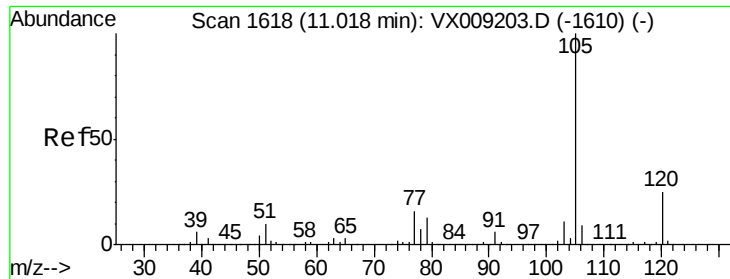
115 67.7 41.2 123.6

150 163.5 0.0 346.4



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: 20.384 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

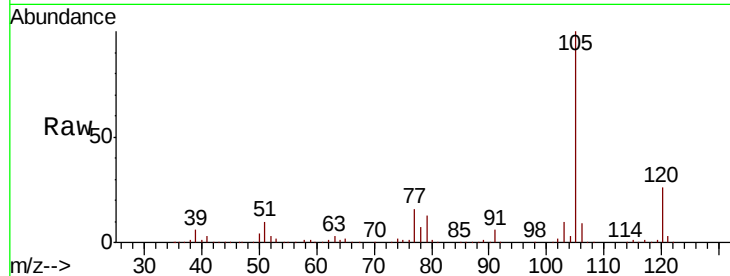
VX0520WBS01

Tgt Ion:105 Resp: 160674

Ion Ratio Lower Upper

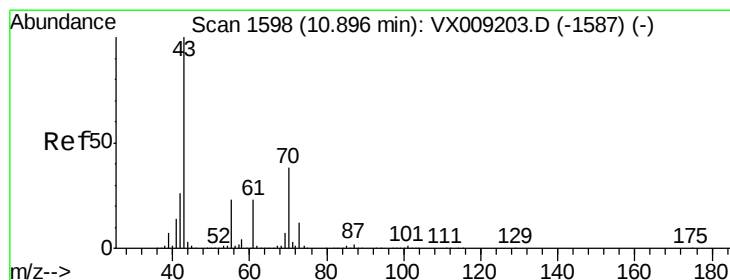
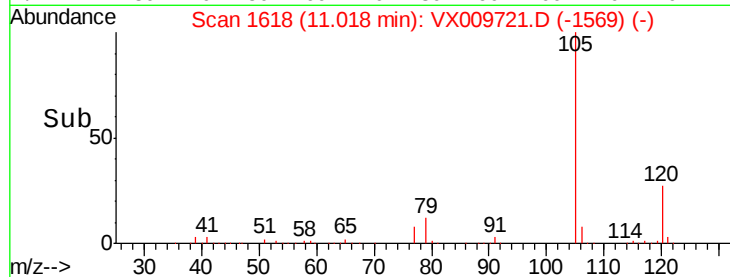
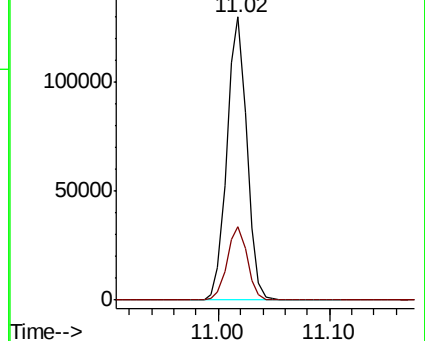
105 100

120 26.0 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.915 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

Tgt Ion: 43 Resp: 96115

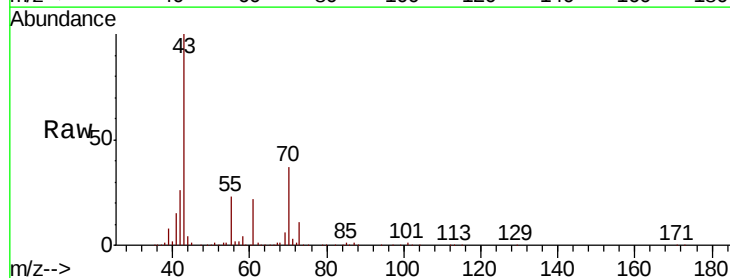
Ion Ratio Lower Upper

43 100

70 36.8 30.0 45.0

55 22.7 17.9 26.9

61 21.9 18.4 27.6

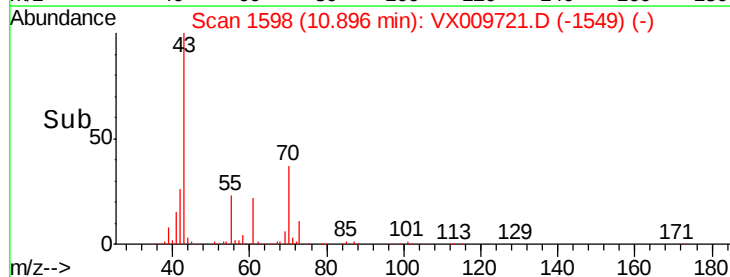
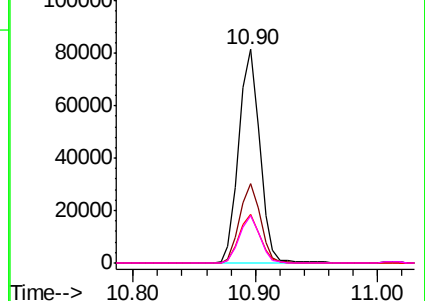


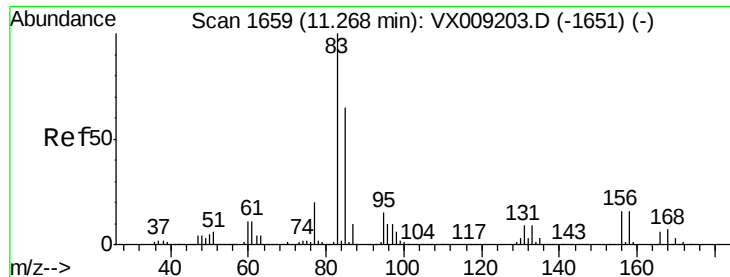
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.416 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

VX0520WBS01

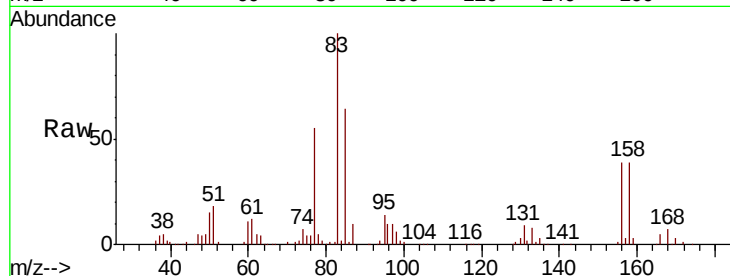
Tgt Ion: 83 Resp: 62930

Ion Ratio Lower Upper

83 100

131 9.7 4.6 13.8

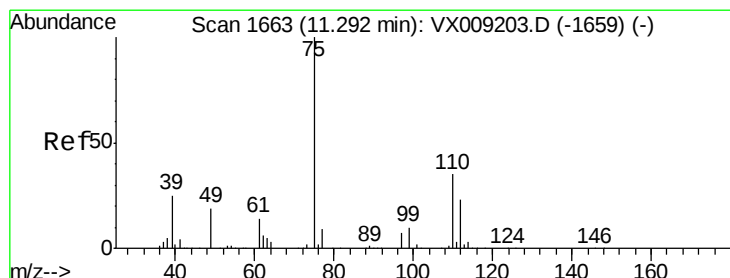
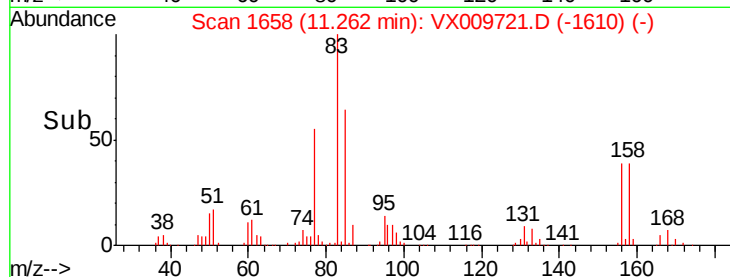
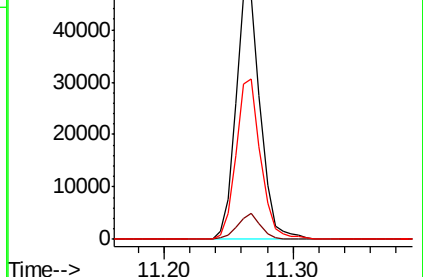
85 64.9 32.0 96.2



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: 28.704 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009721.D

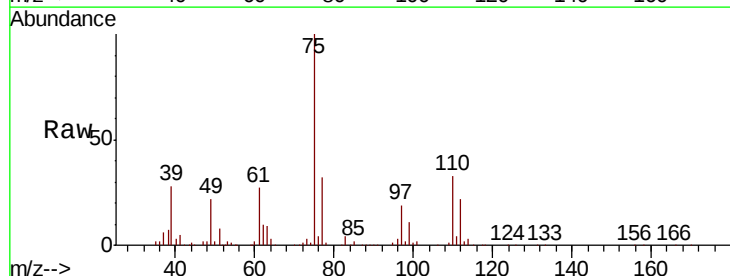
Acq: 20 May 2019 13:18

Tgt Ion: 75 Resp: 72172

Ion Ratio Lower Upper

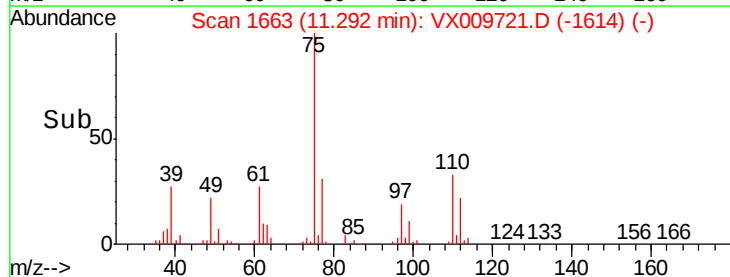
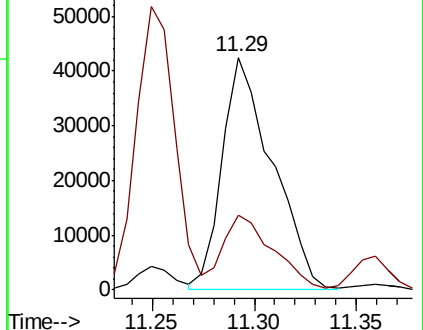
75 100

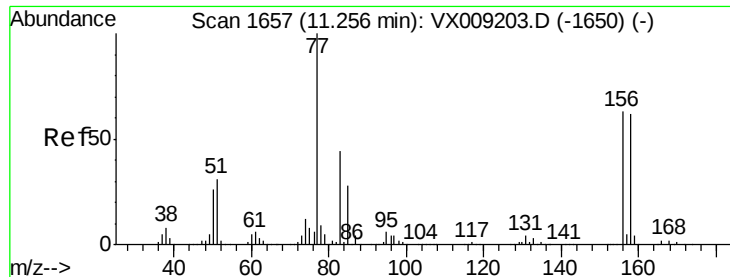
77 32.3 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.244 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

VX0520WBS01

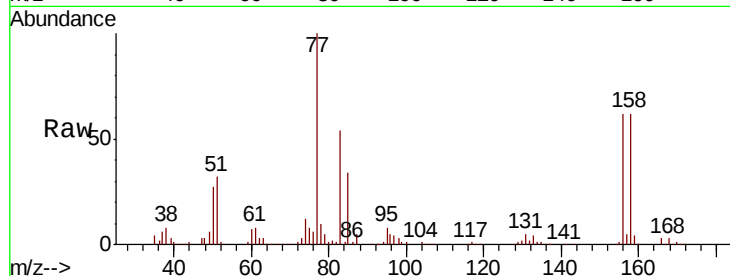
Tgt Ion:156 Resp: 39607

Ion Ratio Lower Upper

156 100

77 172.9 84.8 254.3

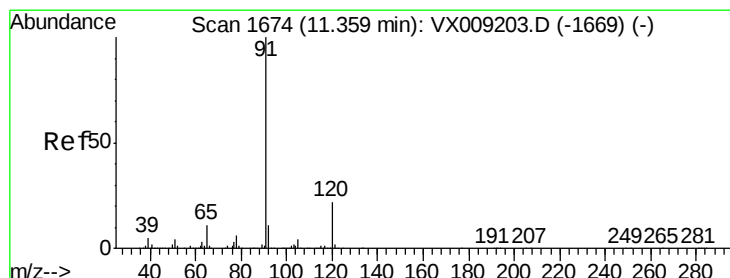
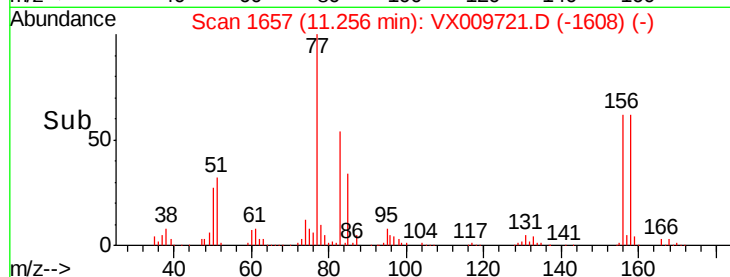
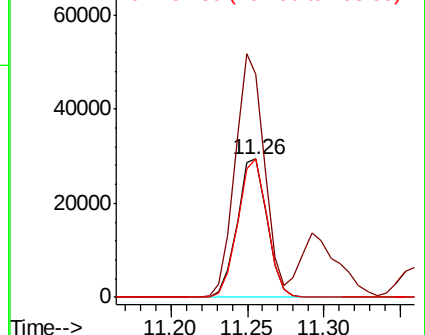
158 98.7 49.1 147.3



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: 20.306 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009721.D

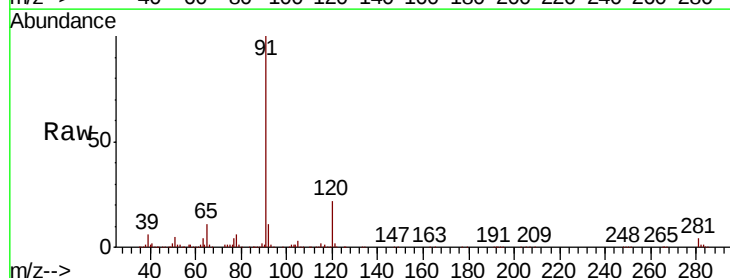
Acq: 20 May 2019 13:18

Tgt Ion: 91 Resp: 182792

Ion Ratio Lower Upper

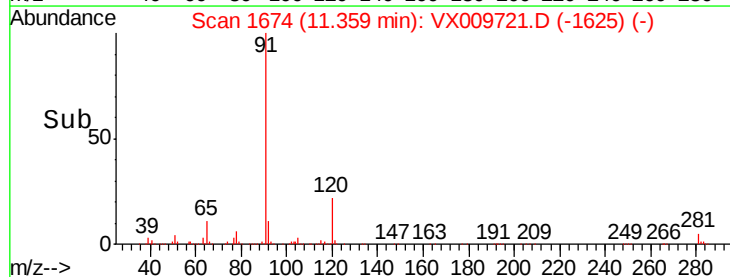
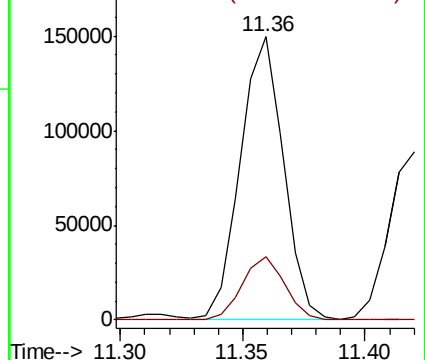
91 100

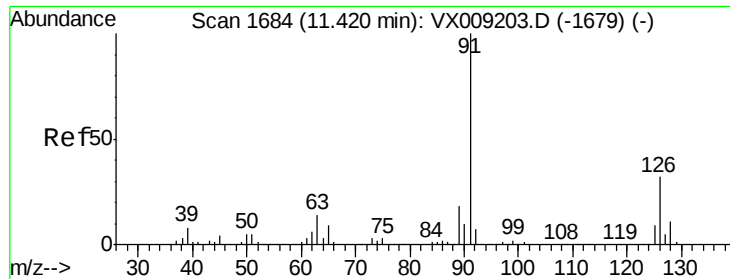
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

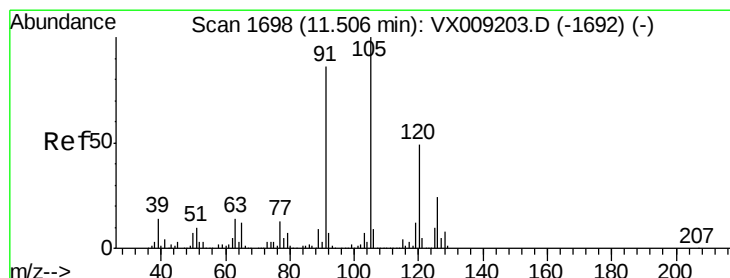
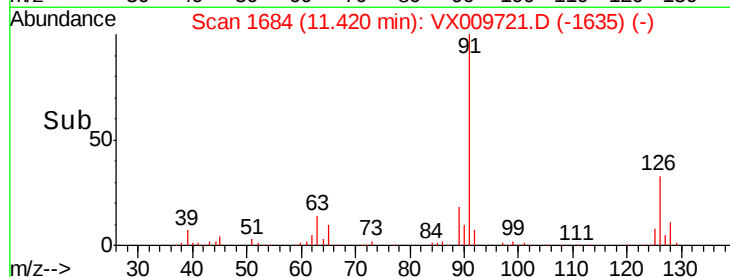
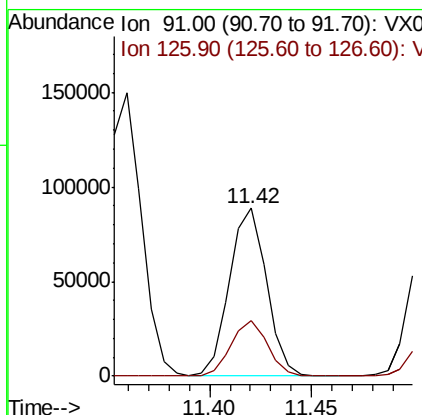
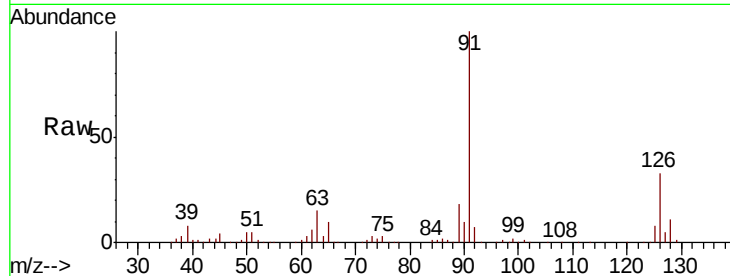




#79  
 2-Chlorotoluene  
 Concen: 19.991 ug/l  
 RT: 11.42 min Scan# 1684  
 Delta R.T. 0.00 min  
 Lab File: VX009721.D  
 Acq: 20 May 2019 13:18

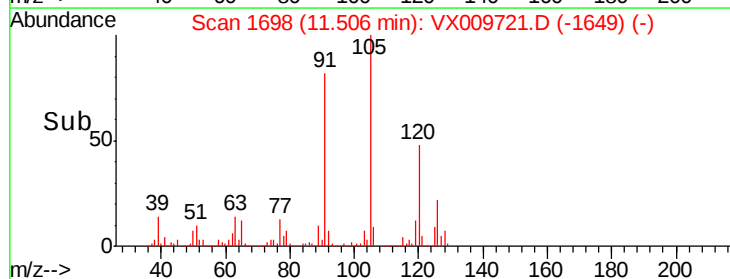
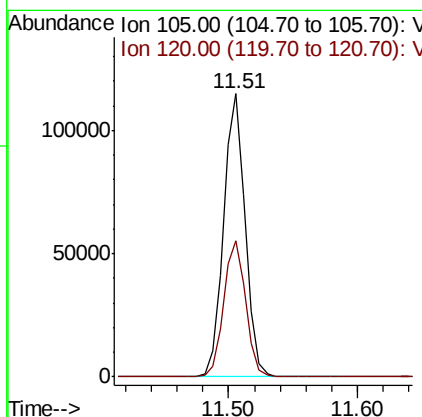
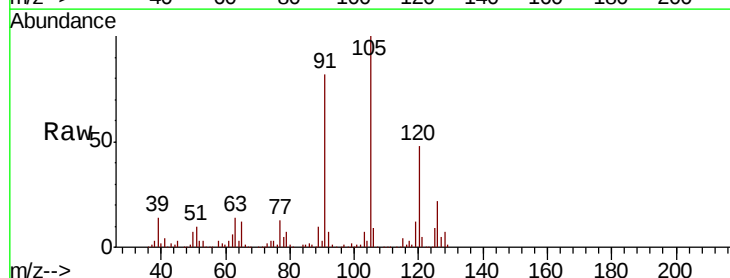
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0520WBS01

Tgt Ion: 91 Resp: 111025  
 Ion Ratio Lower Upper  
 91 100  
 126 32.8 16.3 48.9



#80  
 1,3,5-Trimethylbenzene  
 Concen: 20.475 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. 0.00 min  
 Lab File: VX009721.D  
 Acq: 20 May 2019 13:18

Tgt Ion: 105 Resp: 135895  
 Ion Ratio Lower Upper  
 105 100  
 120 48.9 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 20.556 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

VX0520WBS01

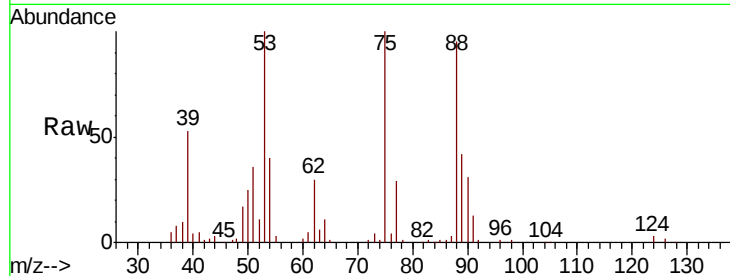
Tgt Ion: 75 Resp: 20200

Ion Ratio Lower Upper

75 100

53 103.9 79.0 118.6

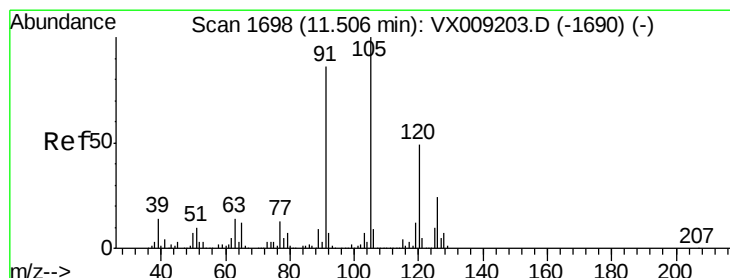
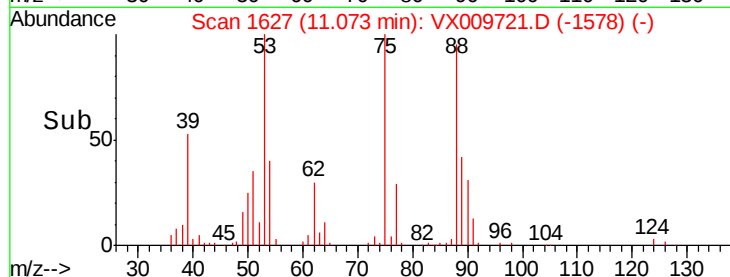
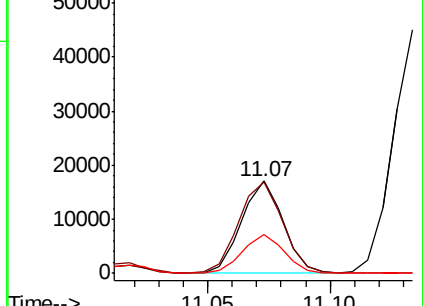
89 42.7 34.7 52.1



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: 20.018 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009721.D

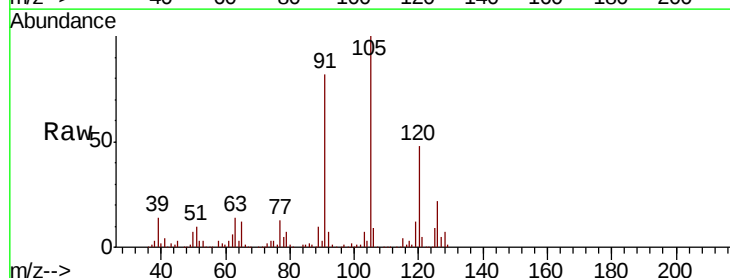
Acq: 20 May 2019 13:18

Tgt Ion: 91 Resp: 125599

Ion Ratio Lower Upper

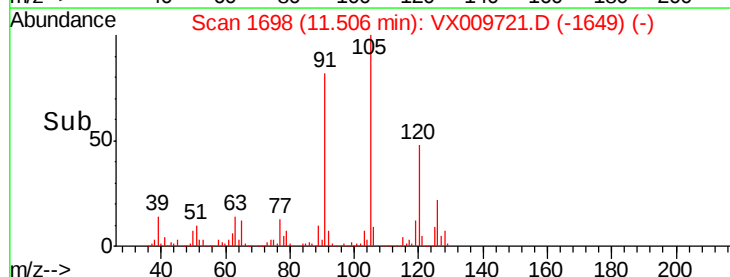
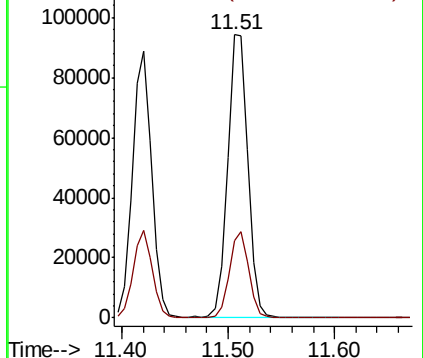
91 100

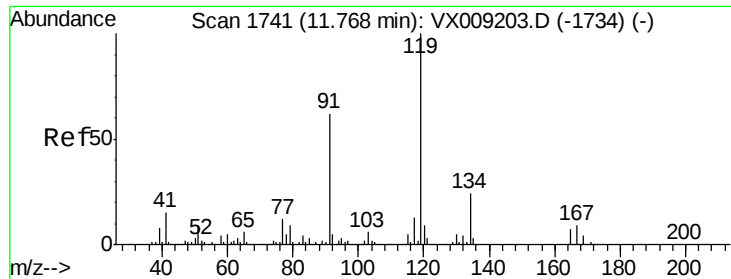
126 29.2 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

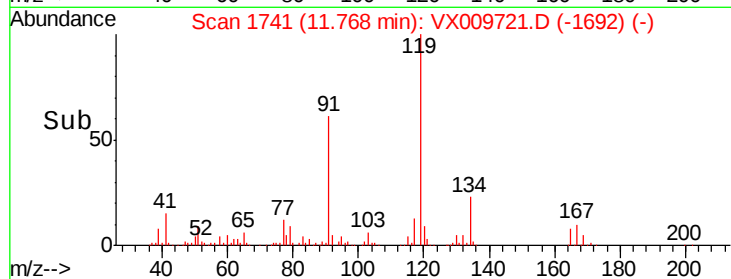
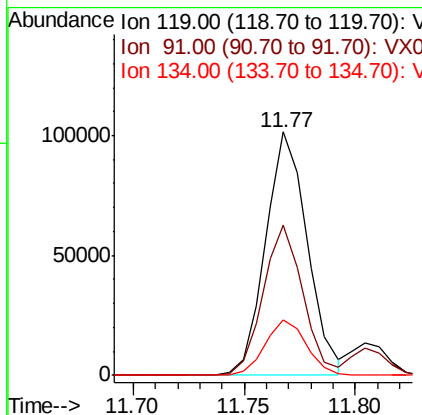
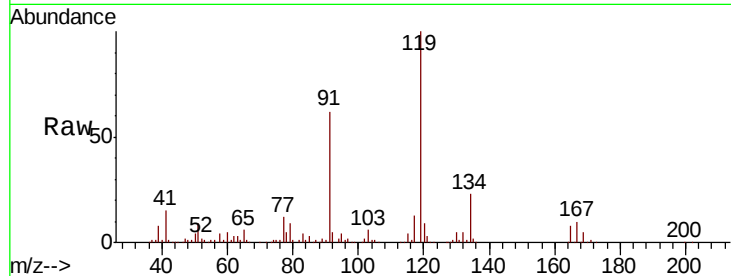




#83  
 tert-Butylbenzene  
 Concen: 20.460 ug/l  
 RT: 11.77 min Scan# 1741  
 Delta R.T. 0.00 min  
 Lab File: VX009721.D  
 Acq: 20 May 2019 13:18

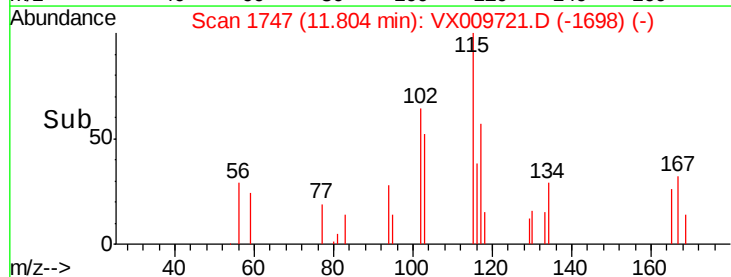
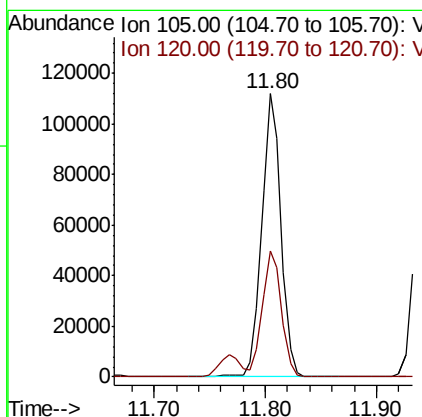
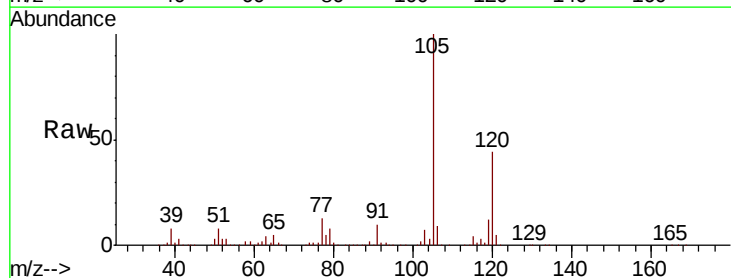
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0520WBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 59.1  | 29.5  | 88.5  |
| 134     | 22.6  | 11.4  | 34.1  |



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.355 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. 0.00 min  
 Lab File: VX009721.D  
 Acq: 20 May 2019 13:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 44.0  | 22.0  | 66.0  |

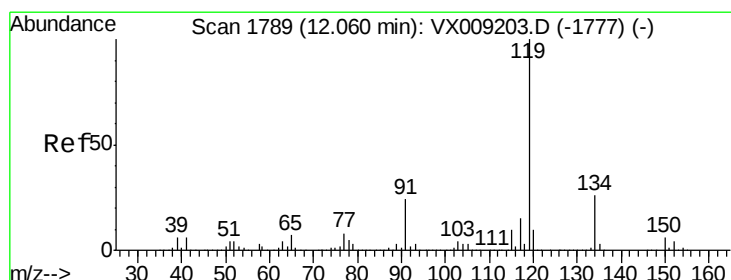
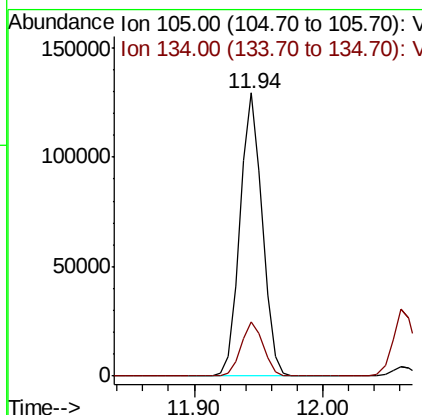
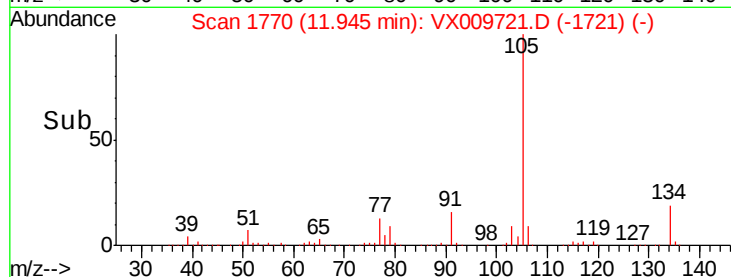
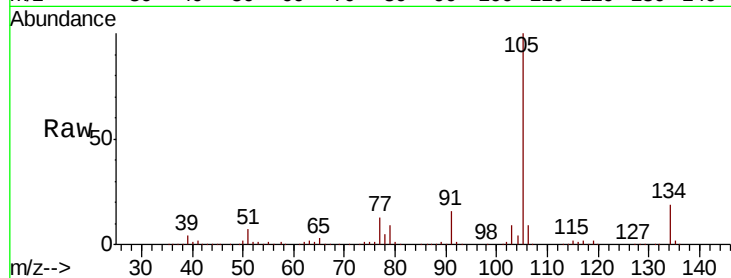




#85  
 sec-Butylbenzene  
 Concen: 20.115 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. 0.00 min  
 Lab File: VX009721.D  
 Acq: 20 May 2019 13:18

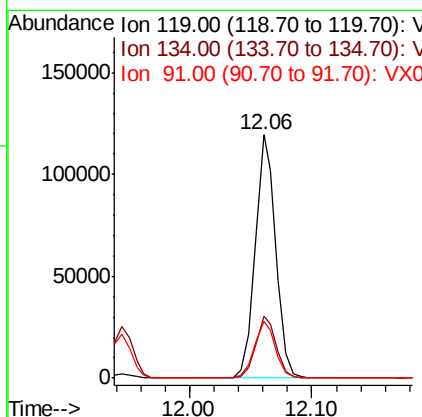
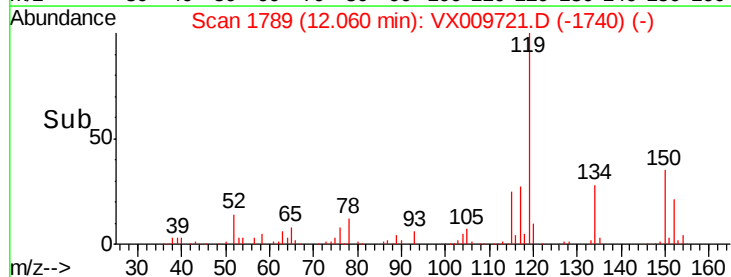
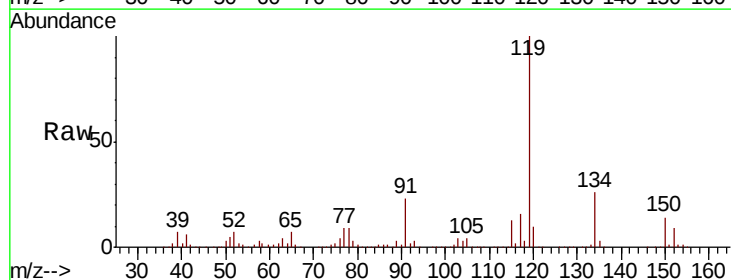
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0520WBS01

Tgt Ion:105 Resp: 153975  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 9.7 28.9



#86  
 p-Isopropyltoluene  
 Concen: 20.385 ug/l  
 RT: 12.06 min Scan# 1789  
 Delta R.T. 0.00 min  
 Lab File: VX009721.D  
 Acq: 20 May 2019 13:18

Tgt Ion:119 Resp: 140279  
 Ion Ratio Lower Upper  
 119 100  
 134 25.5 12.9 38.7  
 91 23.9 11.8 35.4

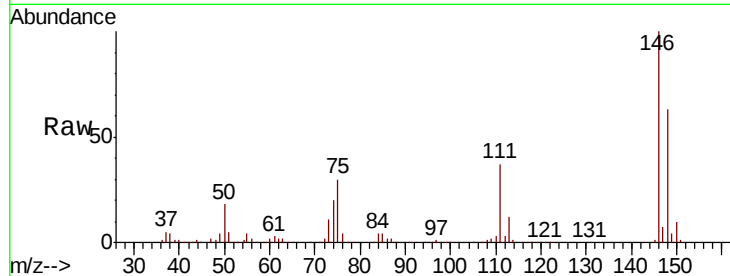




#87  
 1,3-Dichlorobenzene  
 Concen: 20.259 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. 0.00 min  
 Lab File: VX009721.D  
 Acq: 20 May 2019 13:18

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0520WBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.0  | 20.0  | 59.9  |
| 148     | 63.3  | 31.8  | 95.3  |

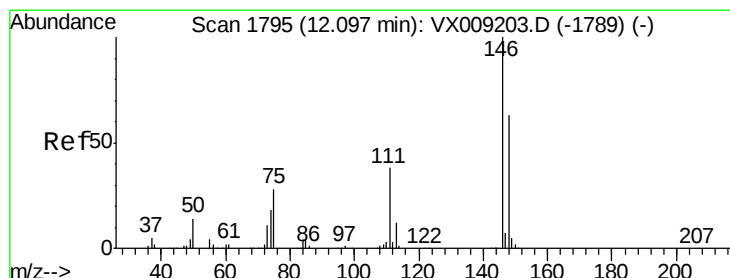
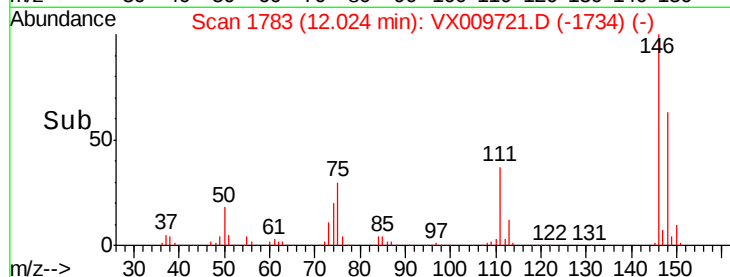
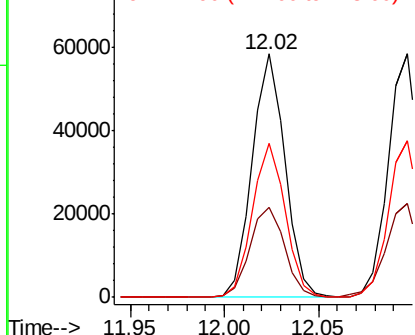


Abundance

Ion 145.90 (145.60 to 146.60): V

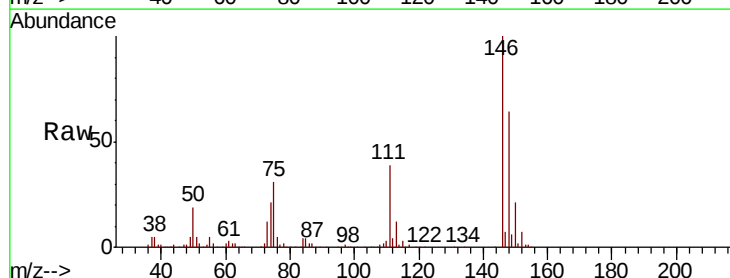
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88  
 1,4-Dichlorobenzene  
 Concen: 20.136 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. 0.00 min  
 Lab File: VX009721.D  
 Acq: 20 May 2019 13:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.4  | 19.6  | 58.8  |
| 148     | 64.3  | 31.8  | 95.3  |

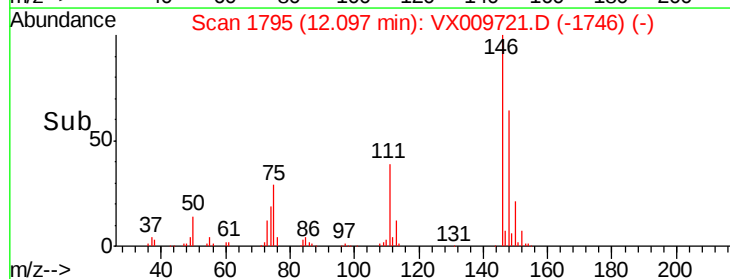
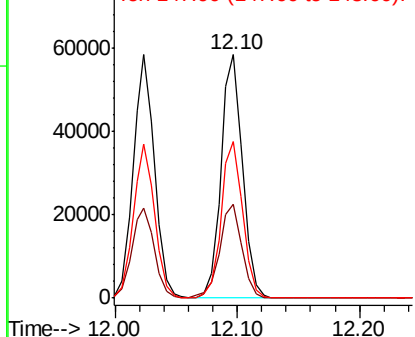


Abundance

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: 19.854 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

Instrument :

MSVOA\_X

ClientSampled :

VX0520WBS01

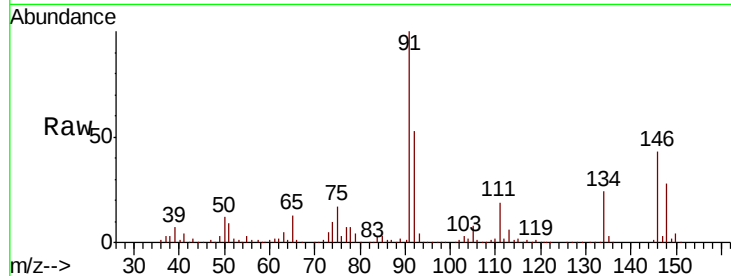
Tgt Ion: 91 Resp: 123484

Ion Ratio Lower Upper

91 100

92 52.8 26.5 79.5

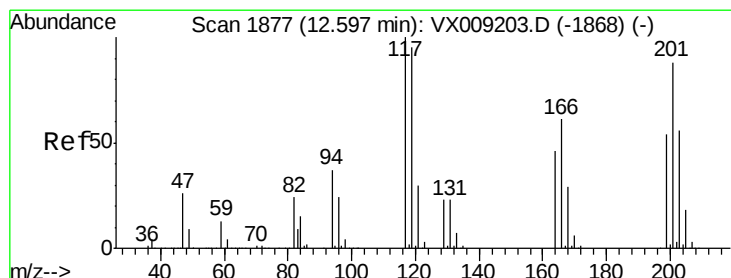
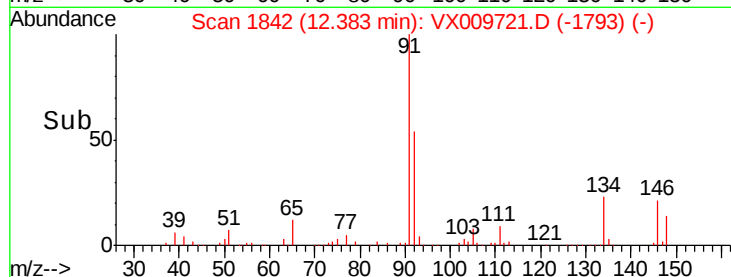
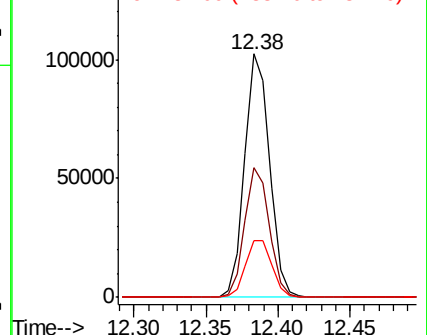
134 24.8 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.202 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX009721.D

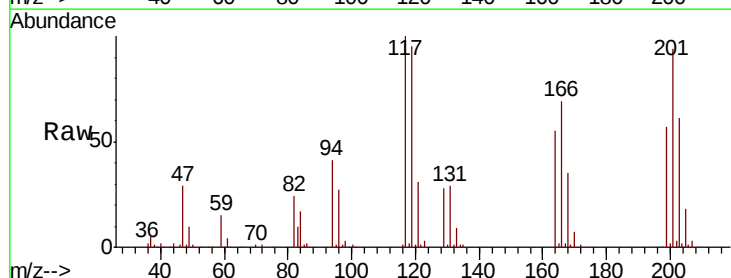
Acq: 20 May 2019 13:18

Tgt Ion: 117 Resp: 23684

Ion Ratio Lower Upper

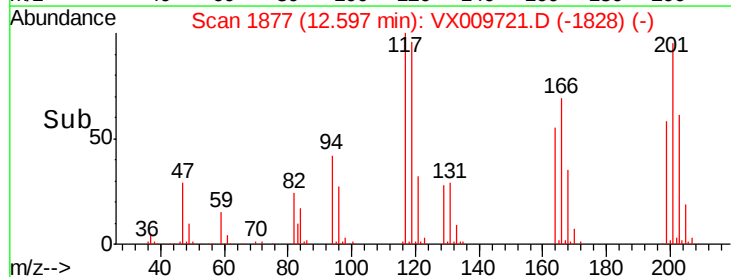
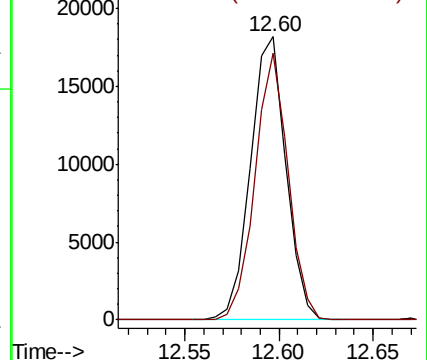
117 100

201 87.9 42.3 126.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

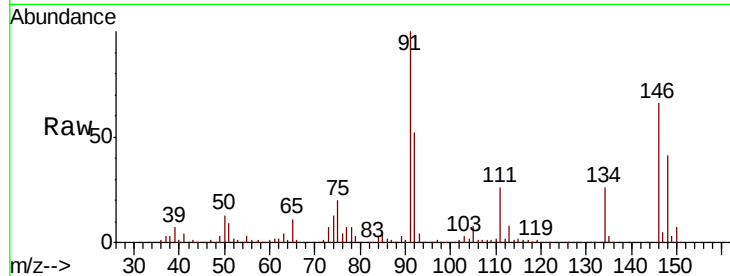




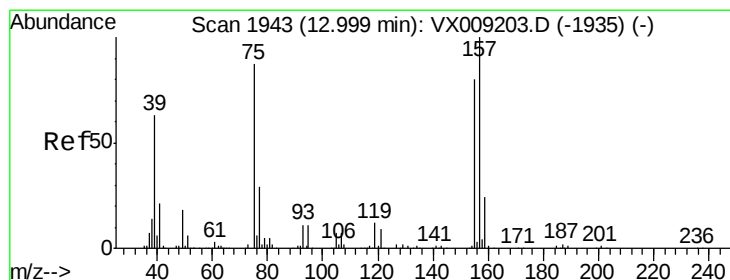
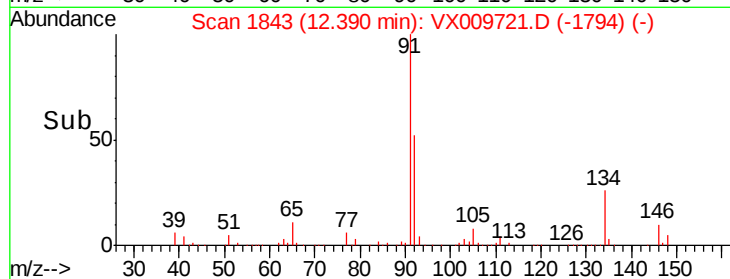
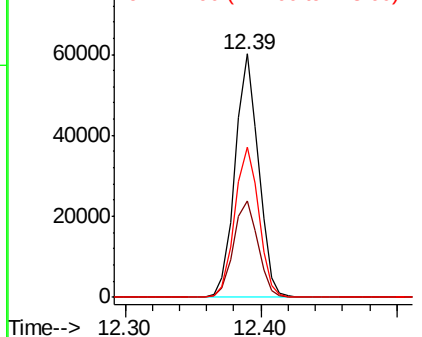
#91  
 1,2-Dichlorobenzene  
 Concen: 20.274 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. 0.00 min  
 Lab File: VX009721.D  
 Acq: 20 May 2019 13:18

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0520WBS01

Tgt Ion:146 Resp: 72020  
 Ion Ratio Lower Upper  
 146 100  
 111 41.2 20.8 62.4  
 148 63.5 31.9 95.9

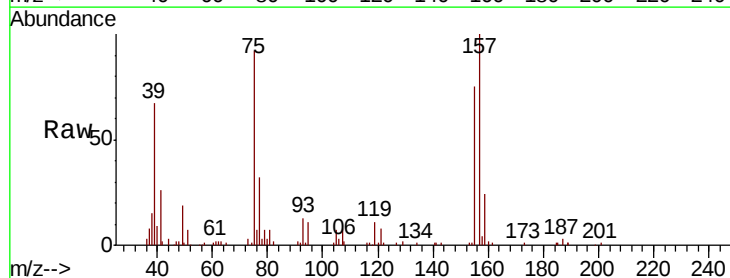


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

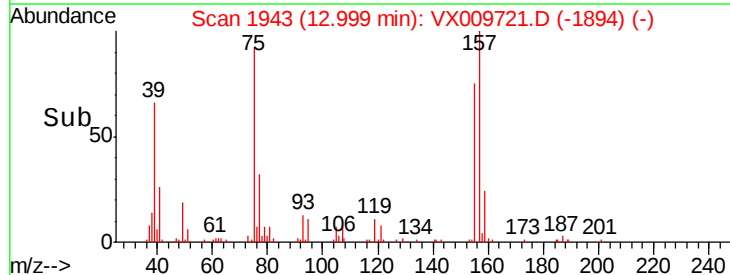
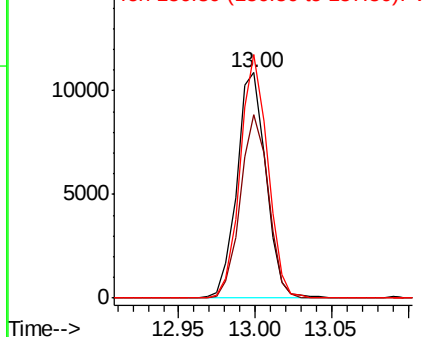


#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 21.806 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VX009721.D  
 Acq: 20 May 2019 13:18

Tgt Ion: 75 Resp: 14374  
 Ion Ratio Lower Upper  
 75 100  
 155 78.0 42.0 126.0  
 157 101.8 53.2 159.6



Abundance Ion 74.90 (74.60 to 75.60): VX0  
 Ion 154.80 (154.50 to 155.50): V  
 Ion 156.80 (156.50 to 157.50): V

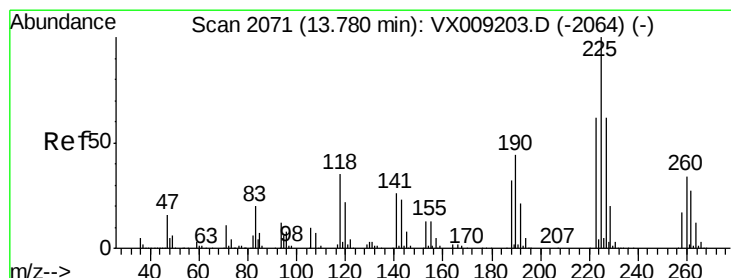
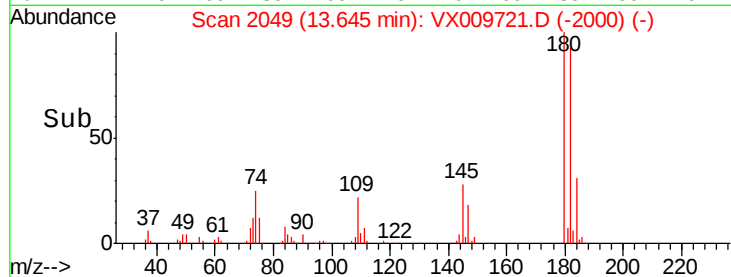
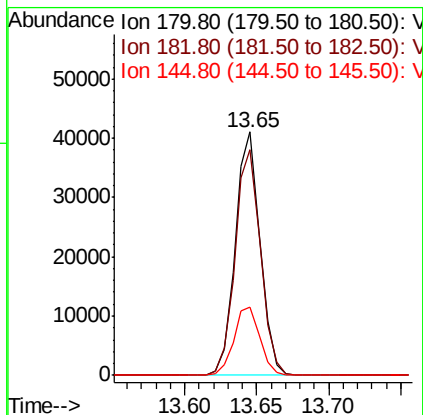
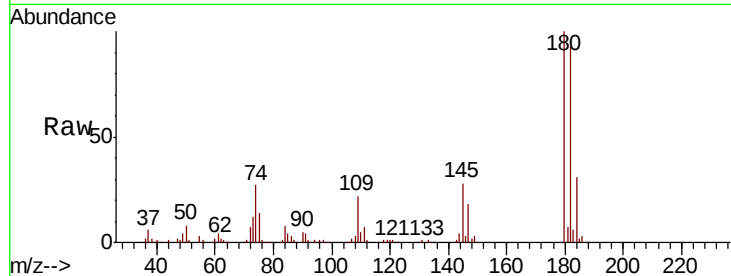




#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.331 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. 0.00 min  
 Lab File: VX009721.D  
 Acq: 20 May 2019 13:18

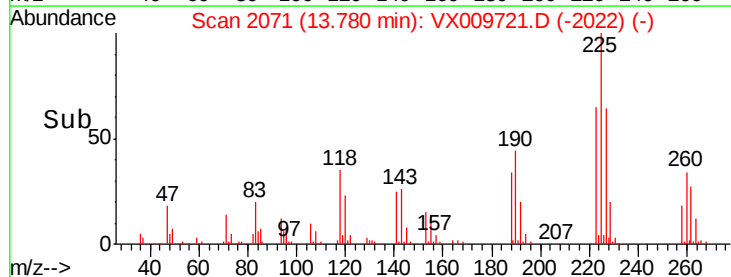
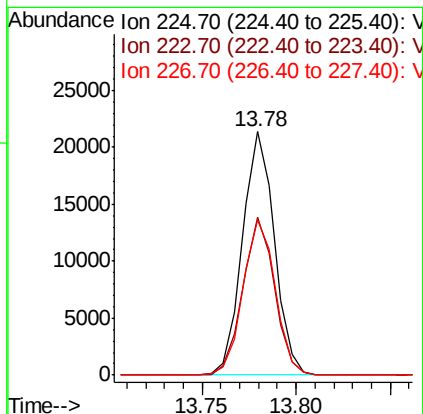
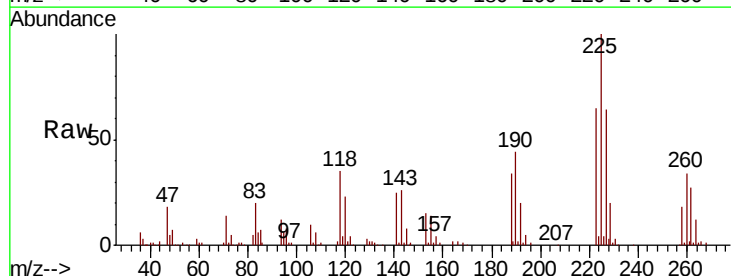
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0520WBS01

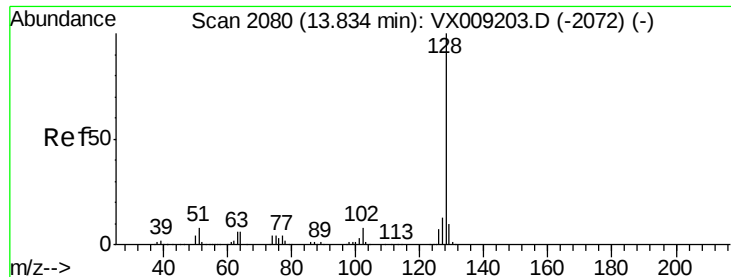
Tgt Ion:180 Resp: 49389  
 Ion Ratio Lower Upper  
 180 100  
 182 94.9 48.4 145.2  
 145 29.5 14.6 43.8



#94  
 Hexachlorobutadiene  
 Concen: 20.267 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. 0.00 min  
 Lab File: VX009721.D  
 Acq: 20 May 2019 13:18

Tgt Ion:225 Resp: 25142  
 Ion Ratio Lower Upper  
 225 100  
 223 64.2 31.3 93.8  
 227 64.3 31.8 95.3





#95

Naphthalene

Concen: 20.419 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

Instrument :

MSVOA\_X

ClientSampleId :

VX0520WBS01

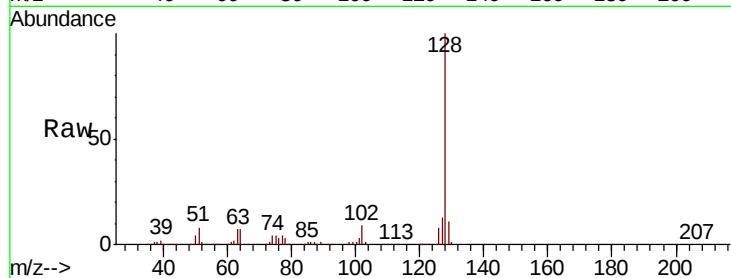
Tgt Ion:128 Resp: 161375

Ion Ratio Lower Upper

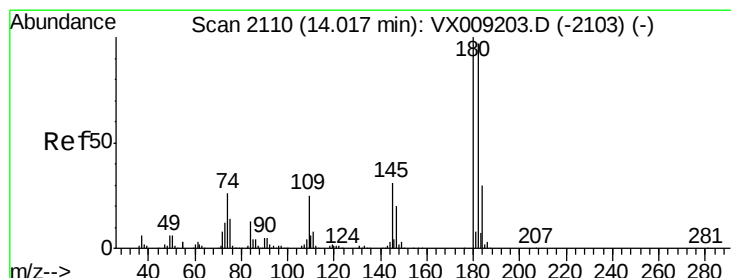
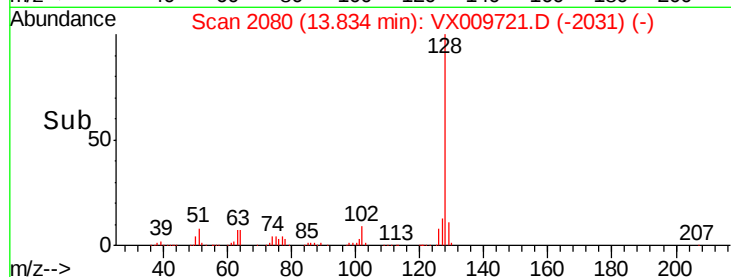
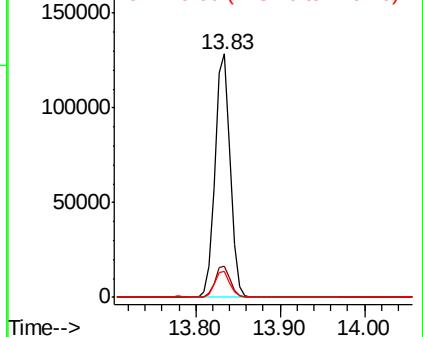
128 100

127 12.8 10.4 15.6

129 10.7 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: 20.451 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX009721.D

Acq: 20 May 2019 13:18

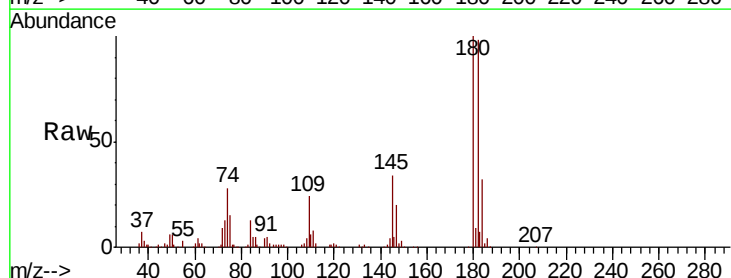
Tgt Ion:180 Resp: 50360

Ion Ratio Lower Upper

180 100

182 95.5 47.8 143.4

145 31.8 15.4 46.4



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

