

Data File : VX012023.D  
Acq On : 03 Sep 2019 15:01  
Operator : SY/SP  
Sample : VSTDICC150  
Misc : 5.00g/5.0mL/MSVOA\_X/SOIL  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC150

Quant Time: Sep 03 15:23:00 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X090319S.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 03 12:11:35 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 133441   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 248519   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 227950   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 109944   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |        |         |      |
|-----------------------------|--------|-----|----------|--------|---------|------|
| System Monitoring Compounds |        |     |          |        |         |      |
| 33) 1,2-Dichloroethane-d4   | 6.05   | 65  | 292568   | 248.09 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =      | 496.18% |      |
| 35) Dibromofluoromethane    | 5.48   | 113 | 240123   | 147.36 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =      | 294.72% |      |
| 50) Toluene-d8              | 8.71   | 98  | 877813   | 152.94 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =      | 305.88% |      |
| 62) 4-Bromofluorobenzene    | 11.14  | 95  | 380041   | 153.11 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =      | 306.22% |      |

| Target Compounds              |      |     |         |          |        | Qvalue |
|-------------------------------|------|-----|---------|----------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 186443  | 231.480  | ug/l   | 97     |
| 3) Chloromethane              | 1.31 | 50  | 214302  | 267.709  | ug/l   | 100    |
| 4) Vinyl Chloride             | 1.40 | 62  | 204710  | 251.752  | ug/l   | 99     |
| 5) Bromomethane               | 1.62 | 94  | 85204   | 147.789  | ug/l   | 99     |
| 6) Chloroethane               | 1.70 | 64  | 120440  | 234.179  | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 1.91 | 101 | 293337  | 198.727  | ug/l   | 99     |
| 8) Diethyl Ether              | 2.17 | 74  | 106056  | 236.292  | ug/l   | 90     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.36 | 101 | 212322  | 225.869  | ug/l # | 83     |
| 10) Methyl Iodide             | 2.49 | 142 | 235112  | 250.358  | ug/l   | 95     |
| 11) Tert butyl alcohol        | 3.05 | 59  | 139729  | 1434.351 | ug/l   | 98     |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 210175  | 245.048  | ug/l   | 92     |
| 13) Acrolein                  | 2.28 | 56  | 36381   | 1020.081 | ug/l   | 94     |
| 14) Allyl chloride            | 2.71 | 41  | 402136  | 273.574  | ug/l   | 99     |
| 15) Acrylonitrile             | 3.13 | 53  | 328212  | 1429.303 | ug/l   | 100    |
| 16) Acetone                   | 2.44 | 43  | 335998  | 1451.825 | ug/l   | 99     |
| 17) Carbon Disulfide          | 2.55 | 76  | 684714  | 282.970  | ug/l   | 100    |
| 18) Methyl Acetate            | 2.76 | 43  | 168827  | 281.511  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 3.18 | 73  | 700969  | 274.152  | ug/l   | 98     |
| 20) Methylene Chloride        | 2.84 | 84  | 263315  | 251.895  | ug/l   | 99     |
| 21) trans-1,2-Dichloroethene  | 3.15 | 96  | 254144  | 249.274  | ug/l   | 95     |
| 22) Diisopropyl ether         | 3.84 | 45  | 792533  | 268.099  | ug/l   | 93     |
| 23) Vinyl Acetate             | 3.80 | 43  | 2656690 | 1429.313 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 3.68 | 63  | 462325  | 268.176  | ug/l   | 98     |
| 25) 2-Butanone                | 4.66 | 43  | 474049  | 1503.558 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 4.56 | 77  | 404674  | 253.061  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 4.58 | 96  | 297092  | 253.630  | ug/l   | 94     |
| 28) Bromochloromethane        | 5.00 | 49  | 172763  | 243.835  | ug/l # | 81     |
| 29) Tetrahydrofuran           | 5.11 | 42  | 284611  | 1467.810 | ug/l   | 100    |
| 30) Chloroform                | 5.19 | 83  | 485611  | 256.629  | ug/l   | 98     |
| 31) Cyclohexane               | 5.56 | 56  | 350496  | 244.037  | ug/l   | 100    |
| 32) 1,1,1-Trichloroethane     | 5.48 | 97  | 425947  | 241.947  | ug/l   | 97     |
| 36) 1,1-Dichloropropene       | 5.78 | 75  | 345793  | 181.840  | ug/l   | 96     |
| 37) Ethyl Acetate             | 4.82 | 43  | 202571  | 212.797  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 5.77 | 117 | 368973  | 159.562  | ug/l   | 97     |

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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC150

Quant Time: Sep 03 15:23:00 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X090319S.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 03 12:11:35 2019  
Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 7.45  | 83   | 384859   | 166.675  | ug/l   | 96       |
| 40) Benzene                    | 6.13  | 78   | 1017960  | 185.345  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.03  | 41   | 121863   | 212.414  | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 6.18  | 62   | 369307   | 198.491  | ug/l   | 97       |
| 43) Isopropyl Acetate          | 6.43  | 43   | 412651   | 209.713  | ug/l   | 99       |
| 44) Trichloroethene            | 7.20  | 130  | 270743   | 148.422  | ug/l   | 82       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 260417   | 188.430  | ug/l   | 100      |
| 46) Dibromomethane             | 7.65  | 93   | 156304   | 188.678  | ug/l # | 74       |
| 47) Bromodichloromethane       | 7.89  | 83   | 391425   | 187.172  | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.76  | 41   | 208321   | 214.702  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 7.73  | 88   | 53006    | 3893.972 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 1022666  | 1034.126 | ug/l   | 99       |
| 52) Toluene                    | 8.78  | 92   | 651537   | 175.084  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 414775   | 195.934  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 452863   | 190.058  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 216402   | 178.938  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.17  | 69   | 327906   | 204.169  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 377508   | 190.069  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 674281   | 923.877  | ug/l   | 93       |
| 59) 2-Hexanone                 | 9.49  | 43   | 746348   | 1060.165 | ug/l   | 98       |
| 60) Dibromochloromethane       | 9.58  | 129  | 268882   | 159.937  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 216522   | 179.749  | ug/l   | 97       |
| 64) Tetrachloroethene          | 9.33  | 164  | 214675   | 114.430  | ug/l # | 88       |
| 65) Chlorobenzene              | 10.14 | 112  | 707884   | 164.508  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 264266   | 153.037  | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.25 | 91   | 1273428  | 175.169  | ug/l   | 97       |
| 68) m/p-Xylenes                | 10.35 | 106  | 918420   | 321.732  | ug/l   | 91       |
| 69) o-Xylene                   | 10.70 | 106  | 459284   | 165.860  | ug/l   | 92       |
| 70) Styrene                    | 10.71 | 104  | 815212   | 171.583  | ug/l   | 96       |
| 71) Bromoform                  | 10.85 | 173  | 151648   | 126.571  | ug/l   | 99       |
| 73) Isopropylbenzene           | 11.01 | 105  | 1221095  | 199.027  | ug/l   | 97       |
| 74) N-amyl acetate             | 10.89 | 43   | 399480   | 261.119  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 268513   | 239.058  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 305283   | 350.781  | ug/l   | 77       |
| 77) Bromobenzene               | 11.25 | 156  | 282458   | 157.456  | ug/l   | 69       |
| 78) n-propylbenzene            | 11.35 | 91   | 1469706  | 212.873  | ug/l   | 94       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 898006   | 219.701  | ug/l   | 90       |
| 80) 1,3,5-Trimethylbenzene     | 11.50 | 105  | 1054548  | 199.252  | ug/l   | 94       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 95110    | 257.808  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 1053358  | 214.771  | ug/l   | 91       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 1023354  | 187.066  | ug/l   | 90       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 1119843  | 208.787  | ug/l   | 94       |
| 85) sec-Butylbenzene           | 11.95 | 105  | 1259413  | 200.422  | ug/l   | 94       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 1154623  | 187.672  | ug/l   | 94       |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 554410   | 164.793  | ug/l   | 93       |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 552541   | 165.304  | ug/l   | 94       |
| 89) n-Butylbenzene             | 12.38 | 91   | 1103264  | 207.063  | ug/l   | 96       |
| 90) Hexachloroethane           | 12.59 | 117  | 237380   | 205.512  | ug/l   | 54       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 500125   | 164.664  | ug/l   | 93       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 56866    | 257.857  | ug/l   | 68       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090319\  
Quantitation Report (Not Reviewed)

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Operator : SY/SP  
Sample : VSTDICC150  
Misc : 5.00g/5.0mL/MSVOA\_X/SOIL  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC150

Quant Time: Sep 03 15:23:00 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X090319S.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 03 12:11:35 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|----------------------------|-------|------|----------|---------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.64 | 180  | 360229   | 136.310 | ug/l  | 96       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 178208   | 96.518  | ug/l  | 100      |
| 95) Naphthalene            | 13.83 | 128  | 843723   | 207.636 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 324767   | 139.764 | ug/l  | 95       |

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

Data File : VX012023.D

Acq On : 03 Sep 2019 15:01

Operator : SY/SP

Sample : VSTDICC150

Misc : 5.00g/5.0mL/MSVOA\_X/SOIL

```
ALS Vial      : 7      Sample Multiplier: 1
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**Instrument :**  
MSVOA\_X  
**ClientSampleId :**  
VSTDICC150

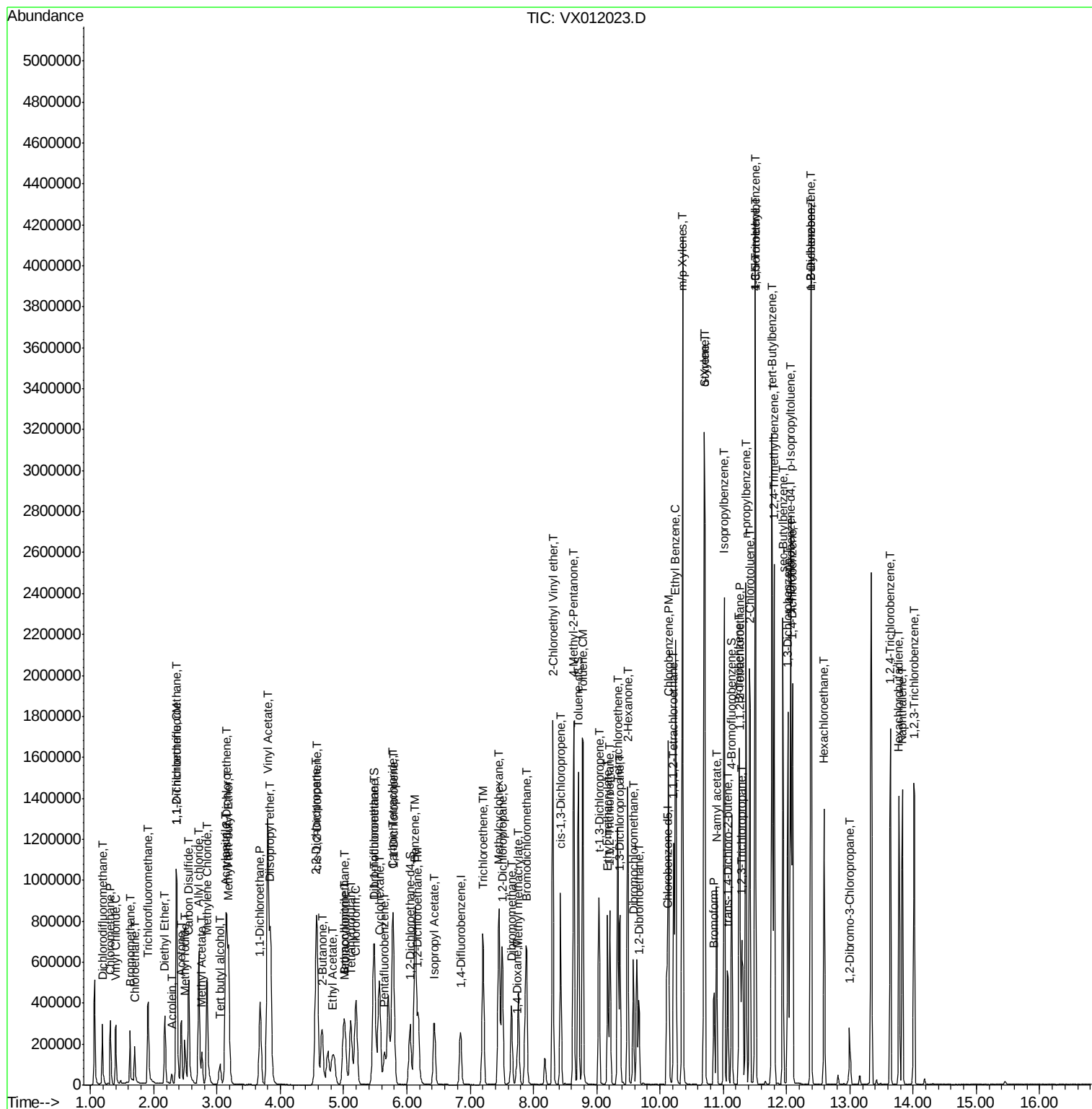
Quant Time: Sep 03 15:23:00 2019

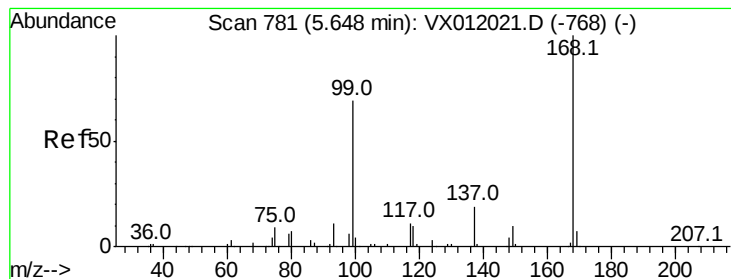
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_X\METHOD\82X090319S.M

Quant Title : SW846 8260

QLast Update : Tue Sep 03 12:11:35 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

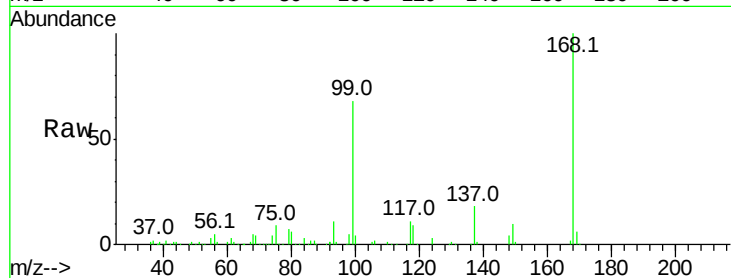
VSTDIC150

Tgt Ion:168 Resp: 133441

Ion Ratio Lower Upper

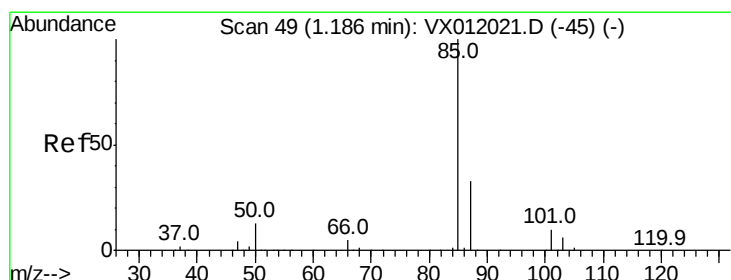
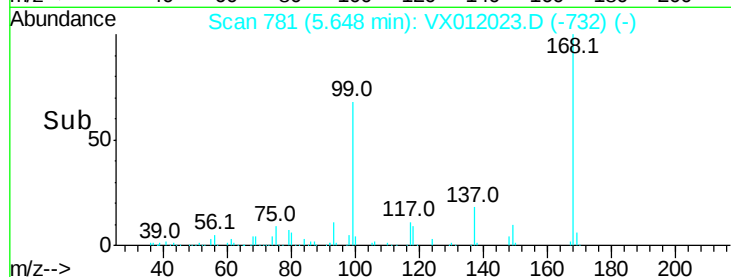
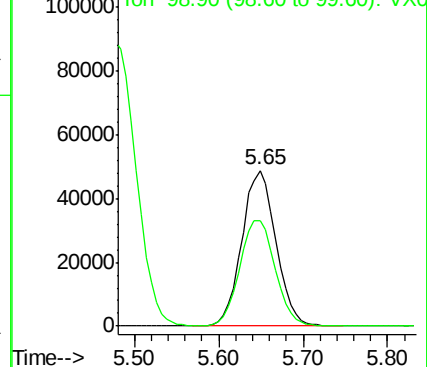
168 100

99 67.8 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 231.480 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012023.D

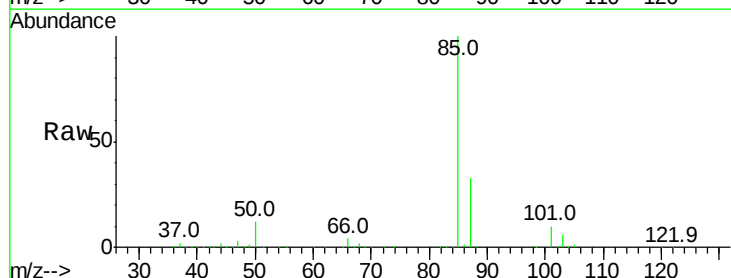
Acq: 03 Sep 2019 15:01

Tgt Ion: 85 Resp: 186443

Ion Ratio Lower Upper

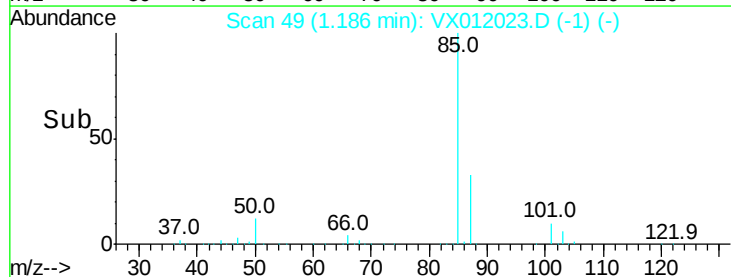
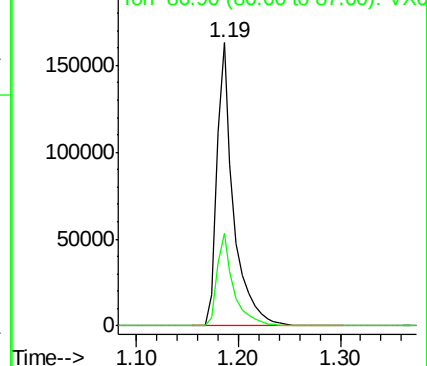
85 100

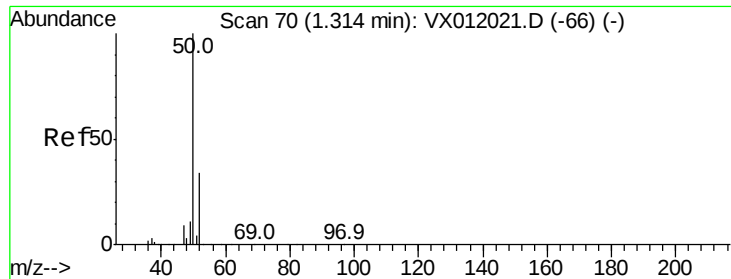
87 32.6 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 267.709 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

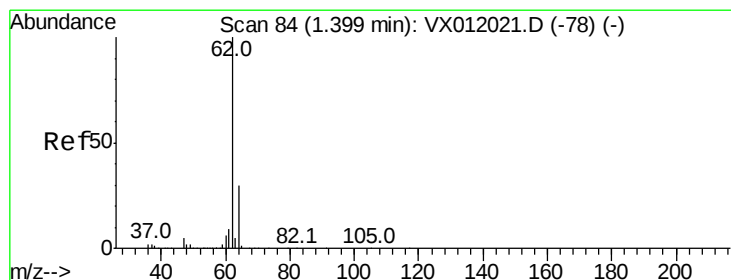
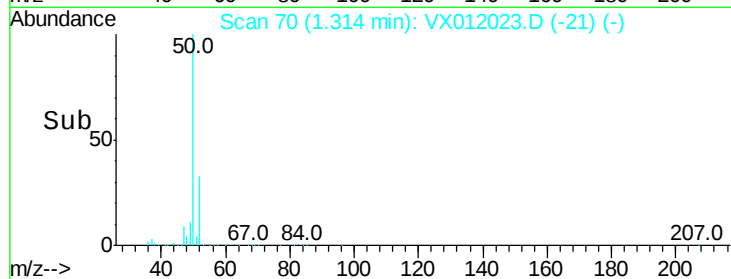
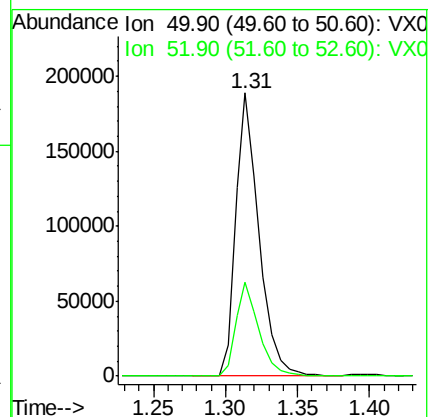
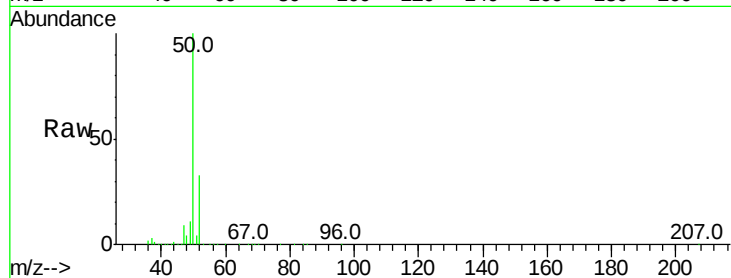
VSTDIC150

Tgt Ion: 50 Resp: 214302

Ion Ratio Lower Upper

50 100

52 33.0 26.5 39.7



#4

Vinyl Chloride

Concen: 251.752 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.01 min

Lab File: VX012023.D

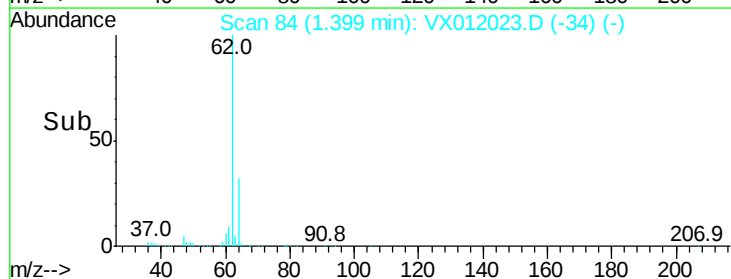
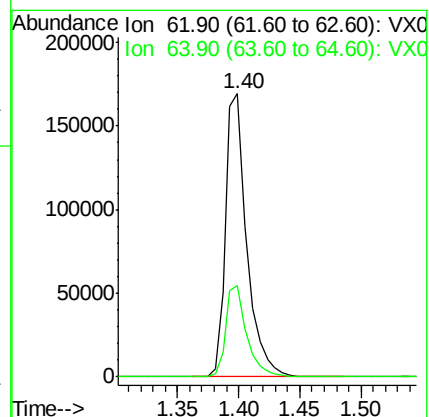
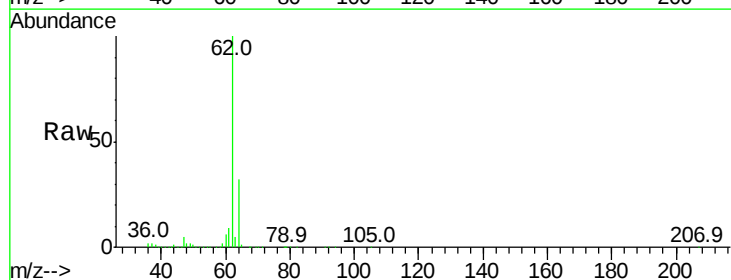
Acq: 03 Sep 2019 15:01

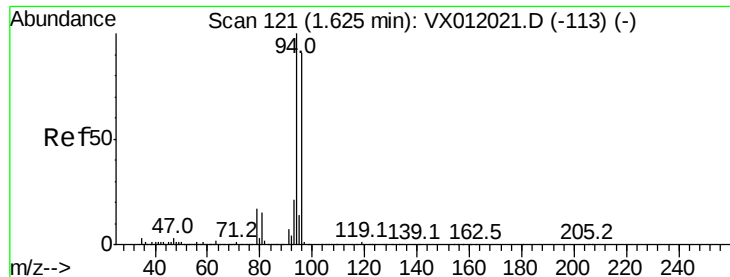
Tgt Ion: 62 Resp: 204710

Ion Ratio Lower Upper

62 100

64 32.2 26.2 39.4





#5

Bromomethane

Concen: 147.789 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

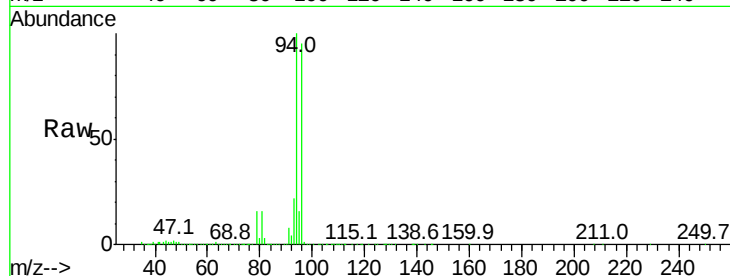
VSTDIC150

Tgt Ion: 94 Resp: 85204

Ion Ratio Lower Upper

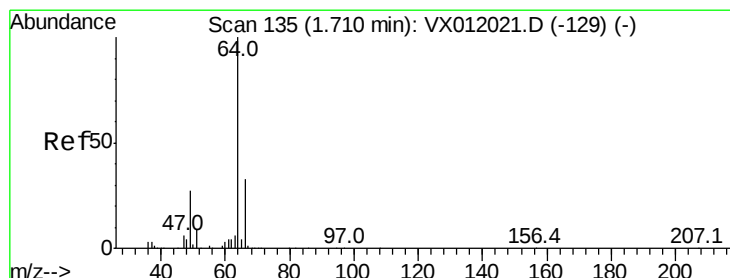
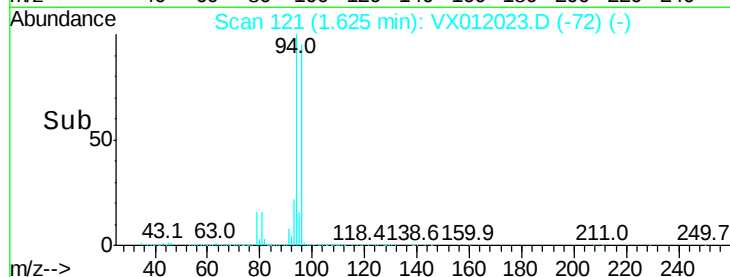
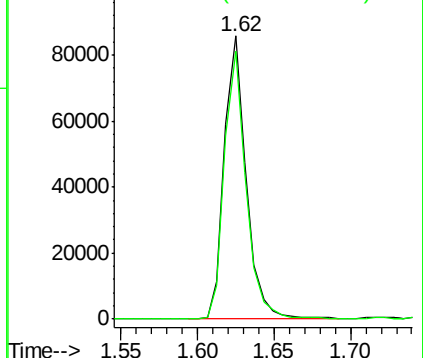
94 100

96 94.8 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 234.179 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX012023.D

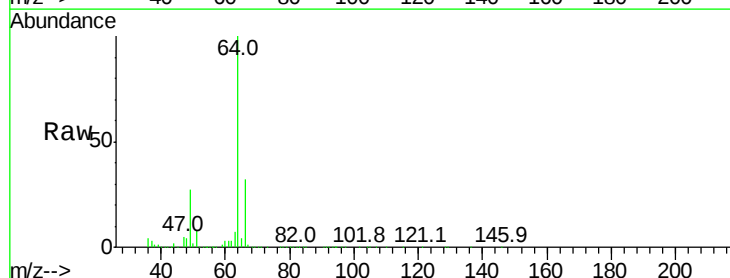
Acq: 03 Sep 2019 15:01

Tgt Ion: 64 Resp: 120440

Ion Ratio Lower Upper

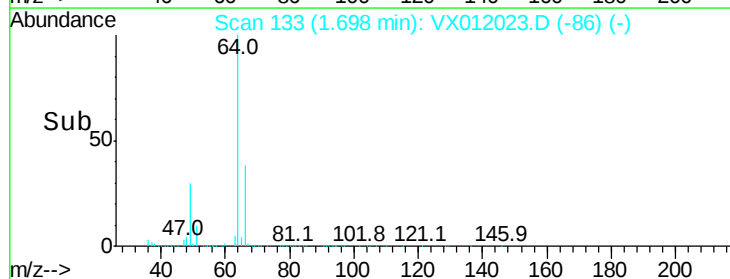
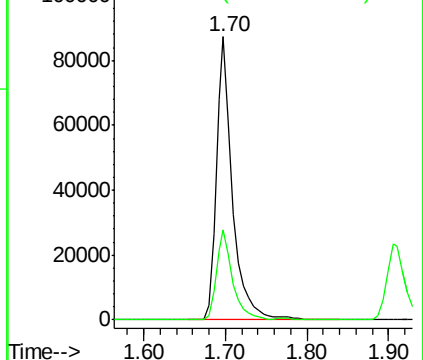
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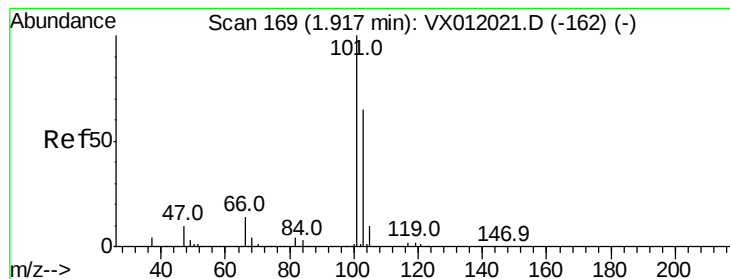
66 31.9 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



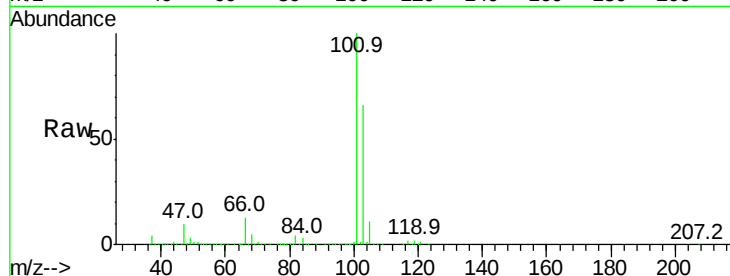


#7

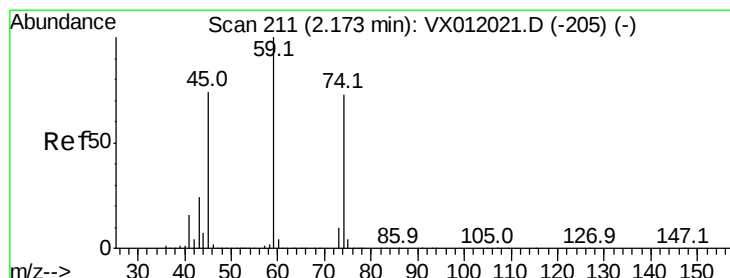
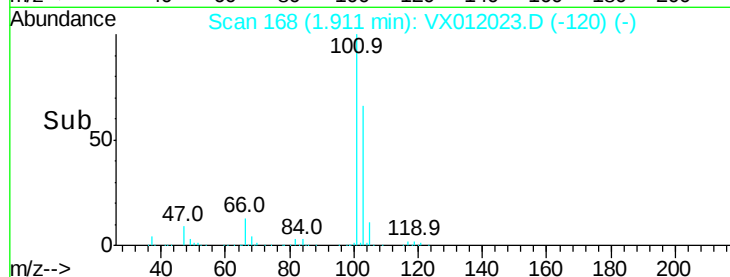
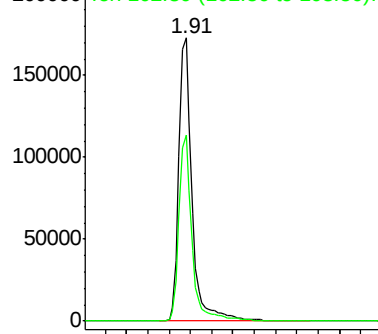
Trichlorofluoromethane  
 Concen: 198.727 ug/l  
 RT: 1.91 min Scan# 168  
 Delta R.T. -0.01 min  
 Lab File: VX012023.D  
 Acq: 03 Sep 2019 15:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

Tgt Ion:101 Resp: 293337  
 Ion Ratio Lower Upper  
 101 100  
 103 65.6 51.6 77.4



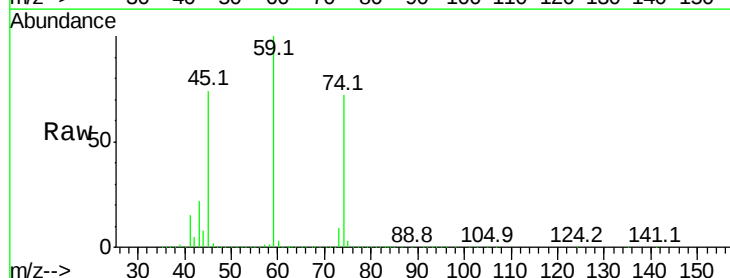
Abundance Ion 100.90 (100.60 to 101.60): V  
 Ion 102.80 (102.50 to 103.50): V



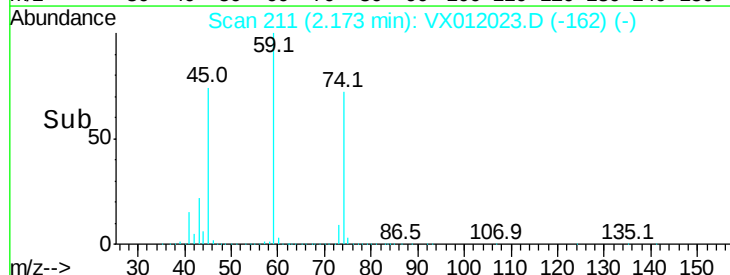
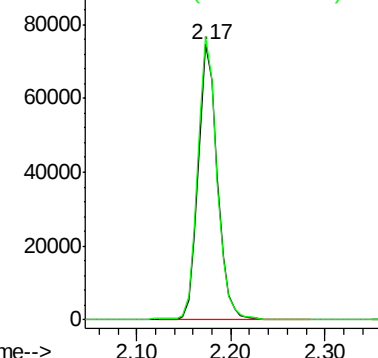
#8

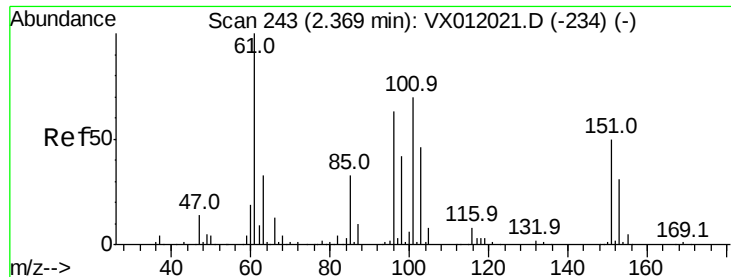
Diethyl Ether  
 Concen: 236.292 ug/l  
 RT: 2.17 min Scan# 211  
 Delta R.T. -0.00 min  
 Lab File: VX012023.D  
 Acq: 03 Sep 2019 15:01

Tgt Ion: 74 Resp: 106056  
 Ion Ratio Lower Upper  
 74 100  
 45 101.4 45.9 137.6



Abundance Ion 74.00 (73.70 to 74.70): VX0  
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 225.869 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

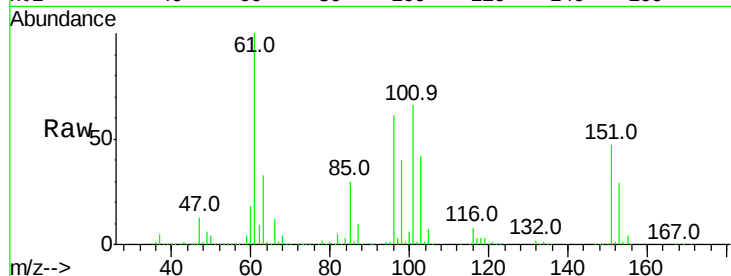
Tgt Ion:101 Resp: 212322

Ion Ratio Lower Upper

101 100

85 45.2 34.5 51.7

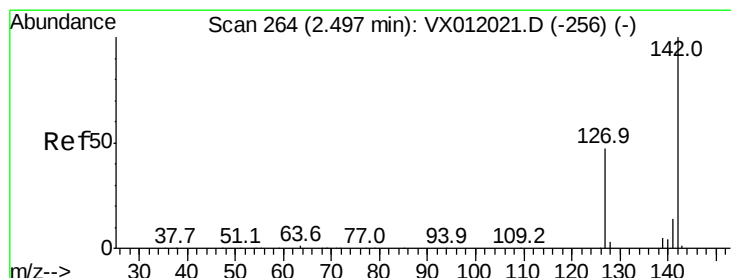
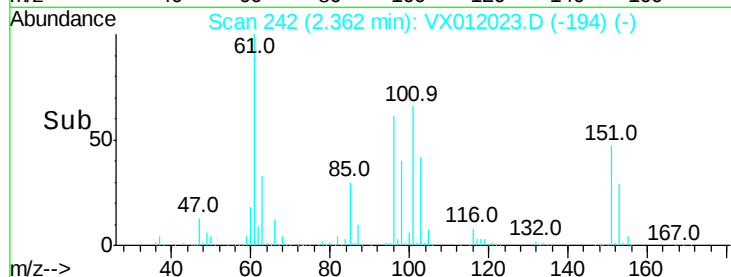
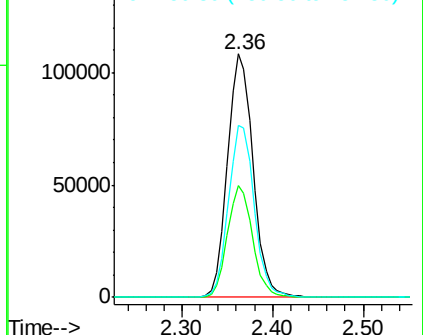
151 71.3 75.0 112.4#



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: 250.358 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.01 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

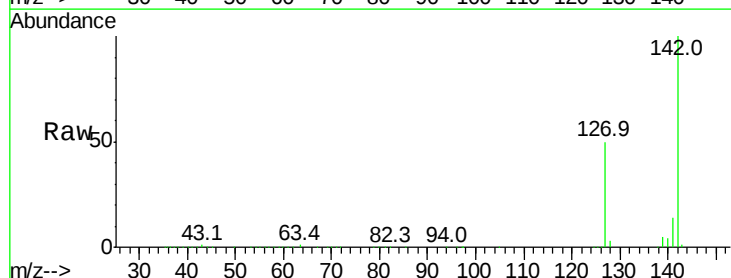
Tgt Ion:142 Resp: 235112

Ion Ratio Lower Upper

142 100

127 48.5 35.4 53.2

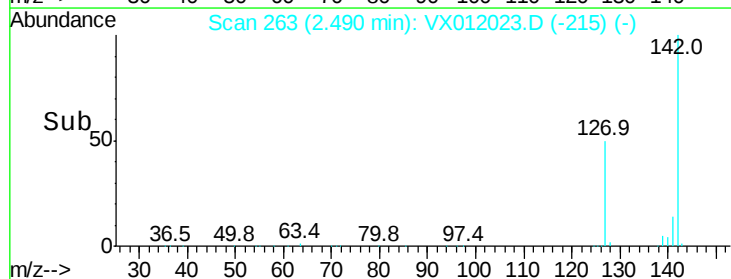
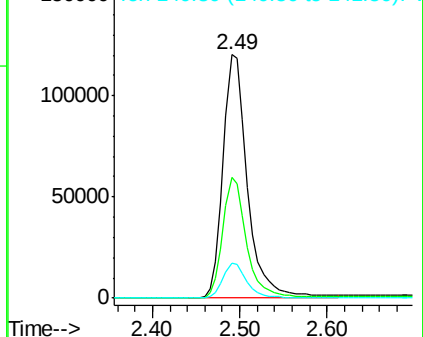
141 13.9 11.4 17.2

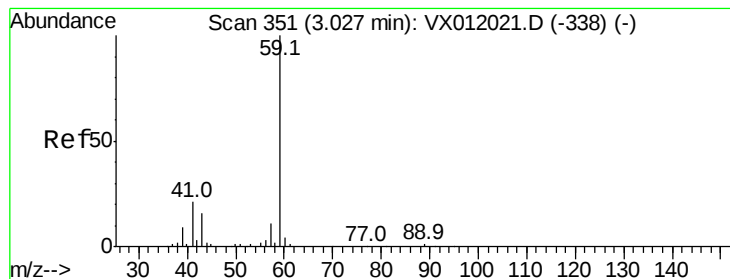


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



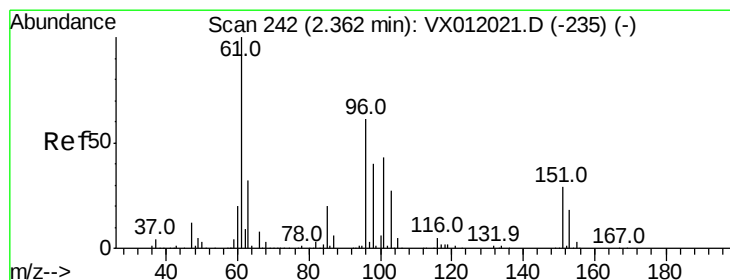
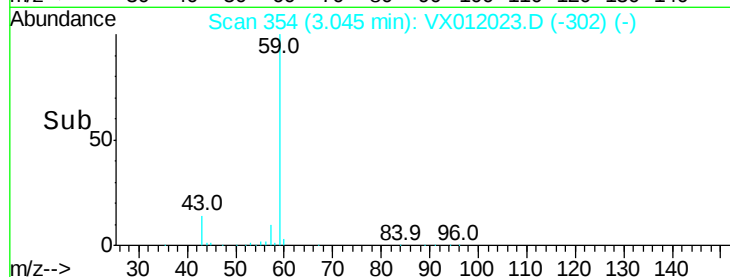
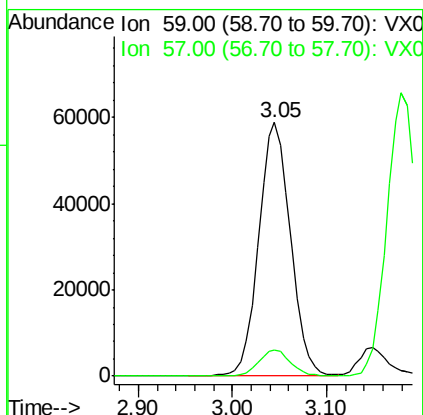
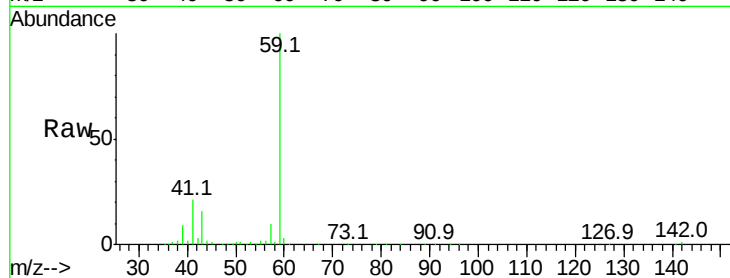


#11

Tert butyl alcohol  
 Concen: 1434.351 ug/l  
 RT: 3.05 min Scan# 354  
 Delta R.T. 0.02 min  
 Lab File: VX012023.D  
 Acq: 03 Sep 2019 15:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

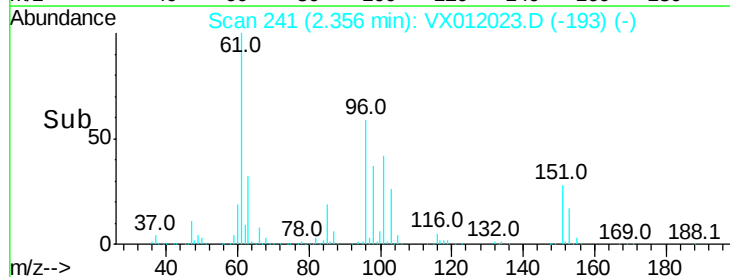
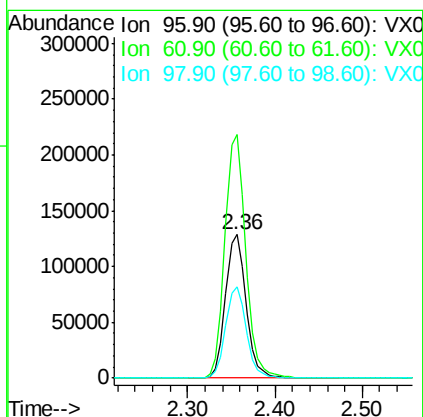
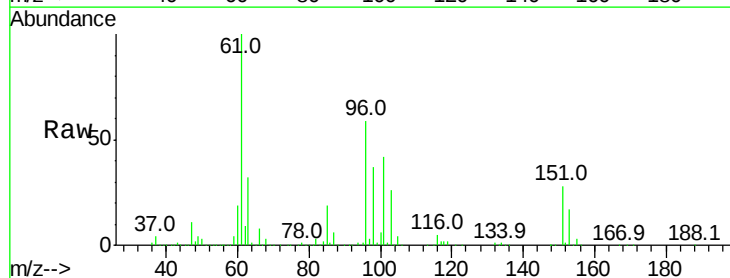
Tgt Ion: 59 Resp: 139729  
 Ion Ratio Lower Upper  
 59 100  
 57 10.6 7.9 11.9

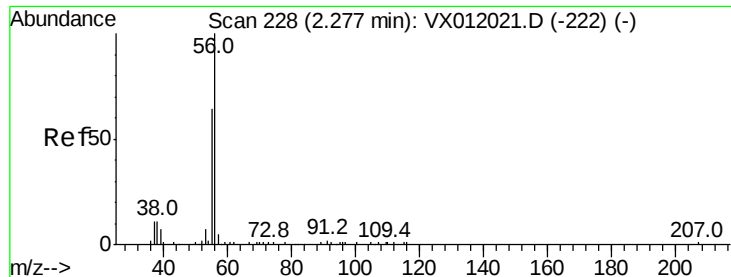


#12

1,1-Dichloroethene  
 Concen: 245.048 ug/l  
 RT: 2.36 min Scan# 241  
 Delta R.T. -0.01 min  
 Lab File: VX012023.D  
 Acq: 03 Sep 2019 15:01

Tgt Ion: 96 Resp: 210175  
 Ion Ratio Lower Upper  
 96 100  
 61 169.6 124.1 186.1  
 98 63.5 50.2 75.2





#13

Acrolein

Concen: 1020.081 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

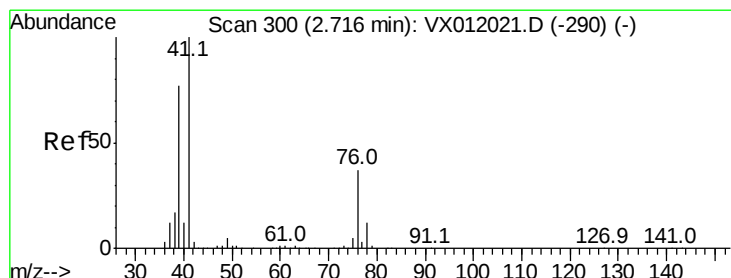
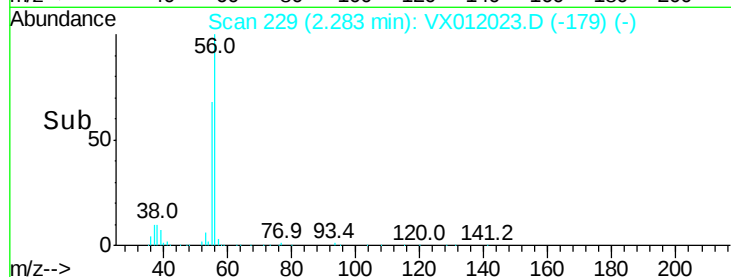
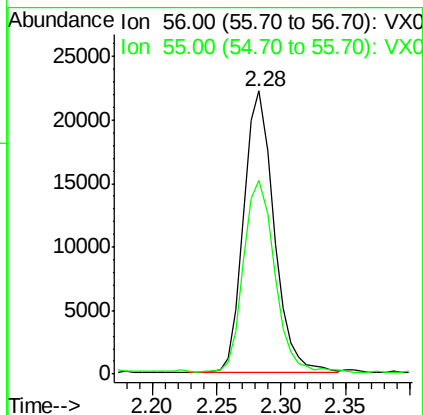
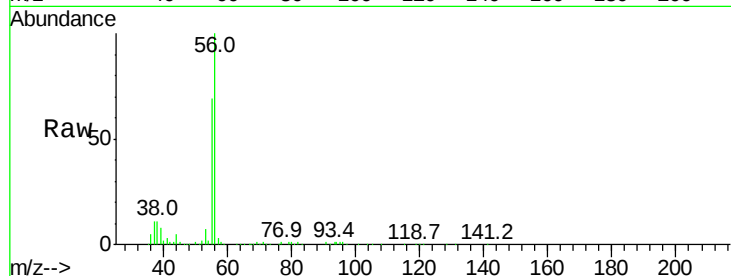
VSTDIC150

Tgt Ion: 56 Resp: 36381

Ion Ratio Lower Upper

56 100

55 69.1 59.2 88.8



#14

Allyl chloride

Concen: 273.574 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

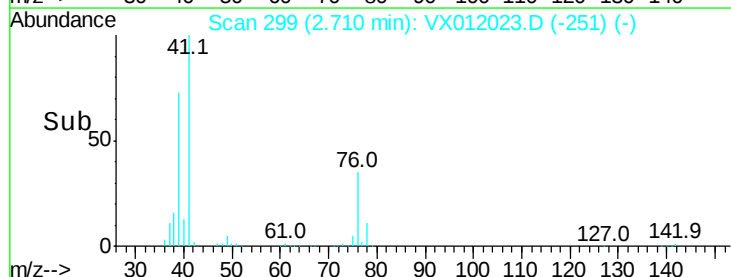
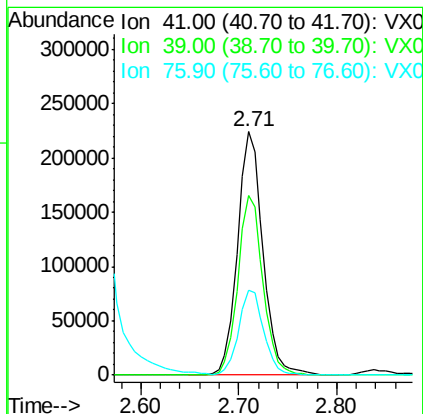
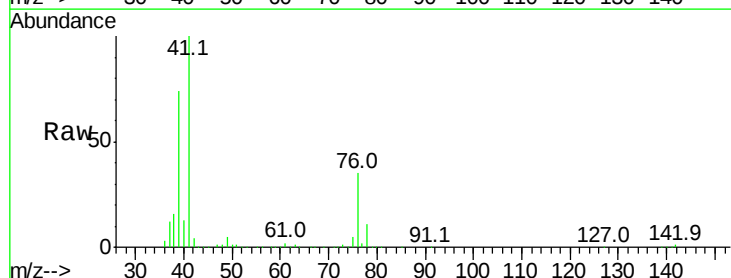
Tgt Ion: 41 Resp: 402136

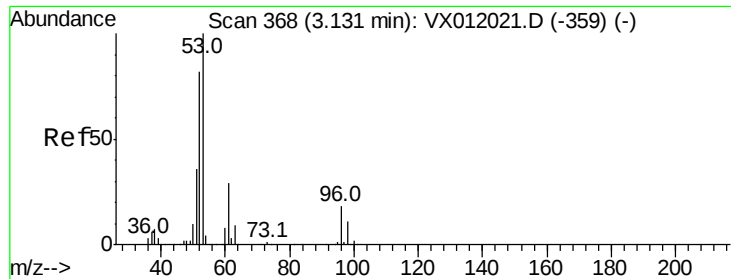
Ion Ratio Lower Upper

41 100

39 72.9 57.9 86.9

76 34.6 28.5 42.7





#15

Acrylonitrile

Concen: 1429.303 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.01 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

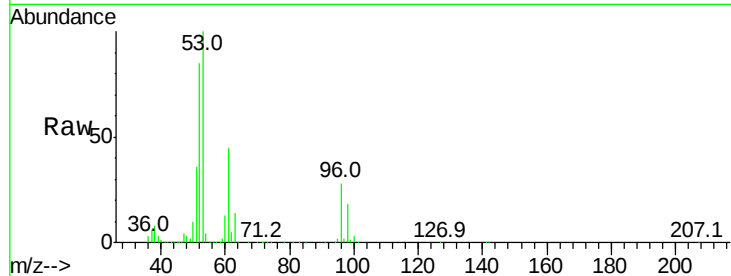
Tgt Ion: 53 Resp: 328212

Ion Ratio Lower Upper

53 100

52 82.4 65.6 98.4

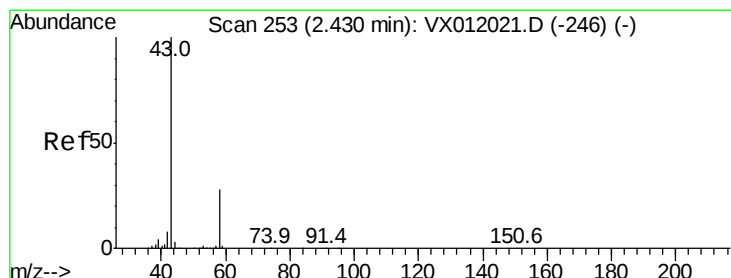
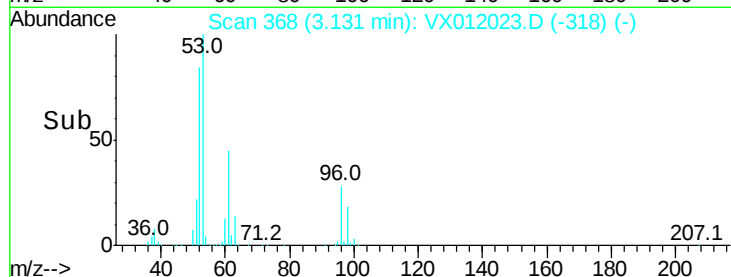
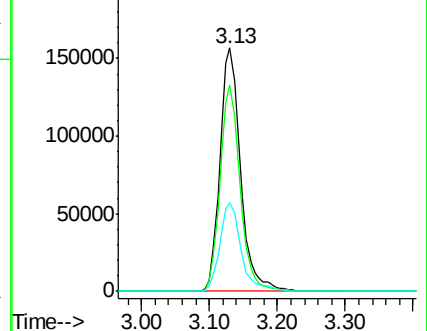
51 37.4 29.8 44.6



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: 1451.825 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX012023.D

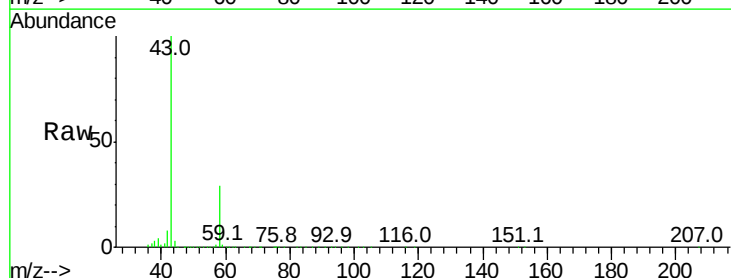
Acq: 03 Sep 2019 15:01

Tgt Ion: 43 Resp: 335998

Ion Ratio Lower Upper

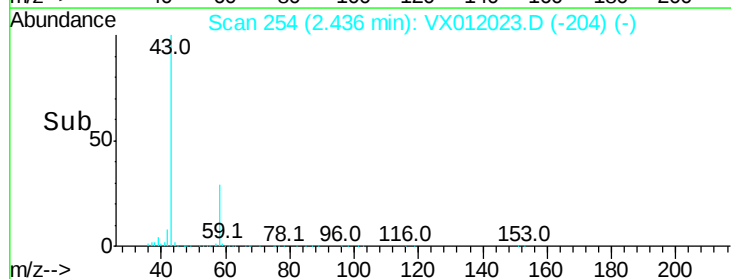
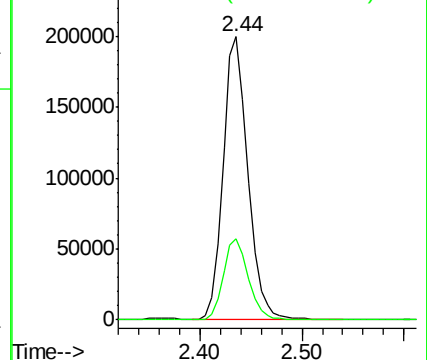
43 100

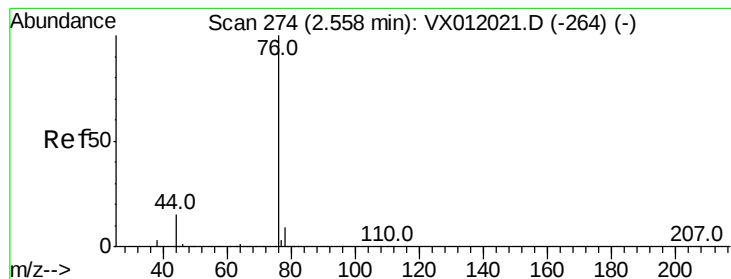
58 28.9 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 282.970 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

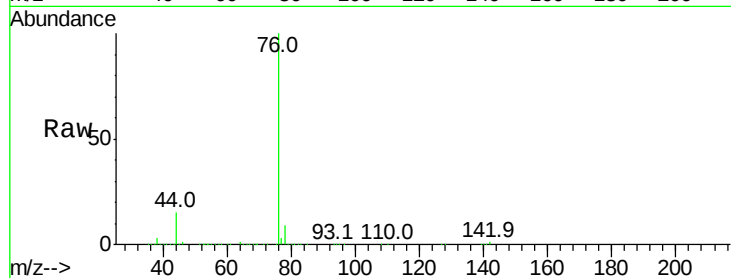
VSTDIC150

Tgt Ion: 76 Resp: 684714

Ion Ratio Lower Upper

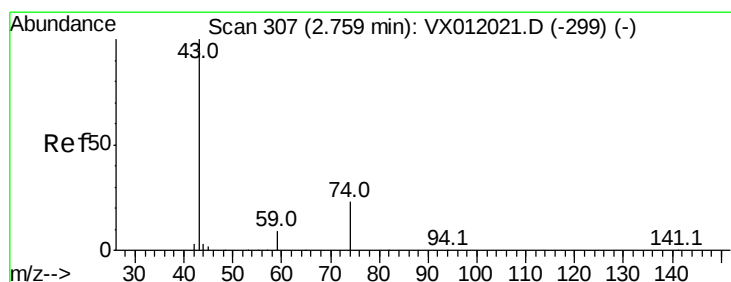
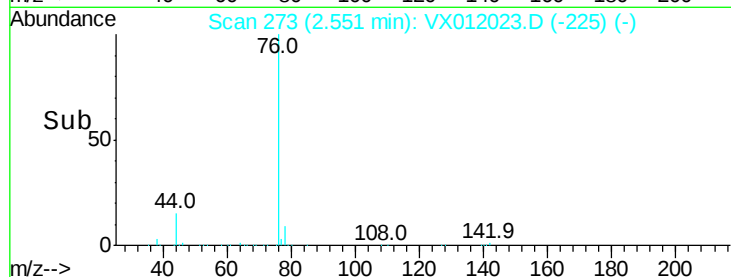
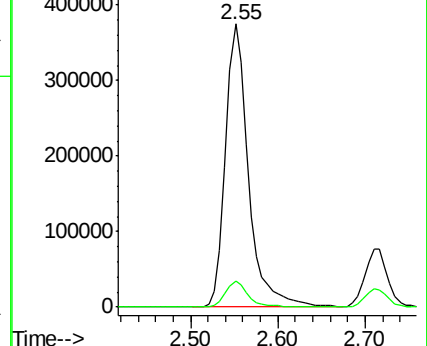
76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 281.511 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012023.D

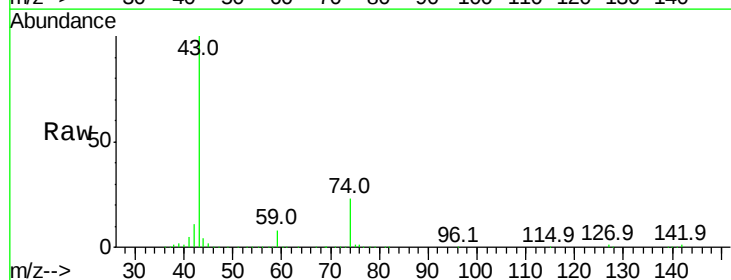
Acq: 03 Sep 2019 15:01

Tgt Ion: 43 Resp: 168827

Ion Ratio Lower Upper

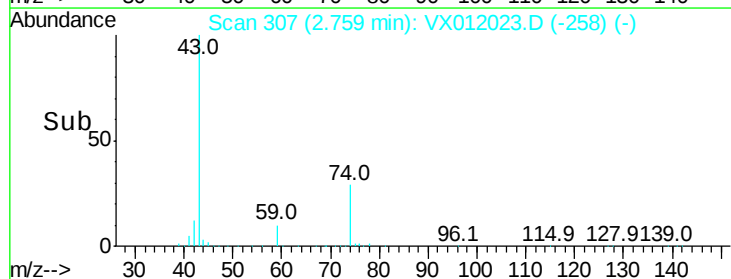
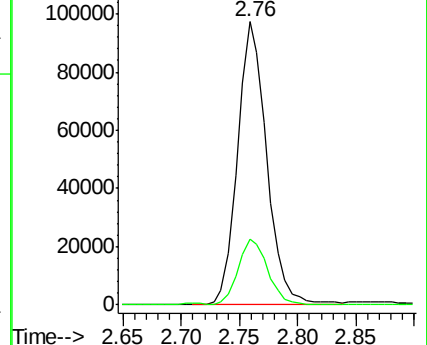
43 100

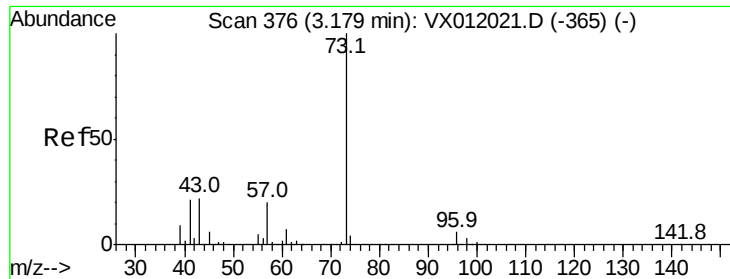
74 23.4 19.5 29.3



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: 274.152 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

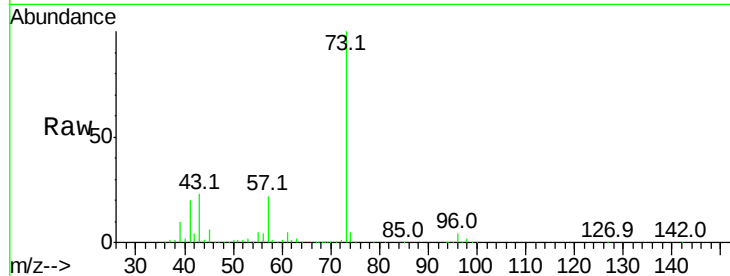
VSTDIC150

Tgt Ion: 73 Resp: 700969

Ion Ratio Lower Upper

73 100

57 21.8 16.6 25.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.18

300000

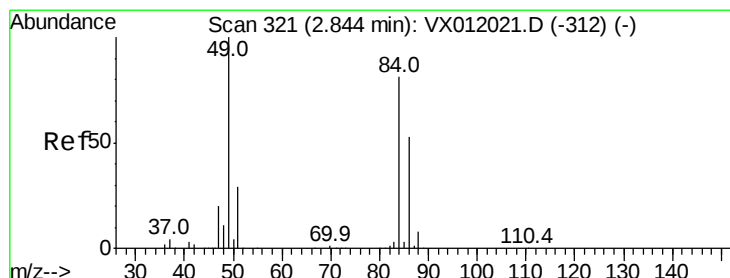
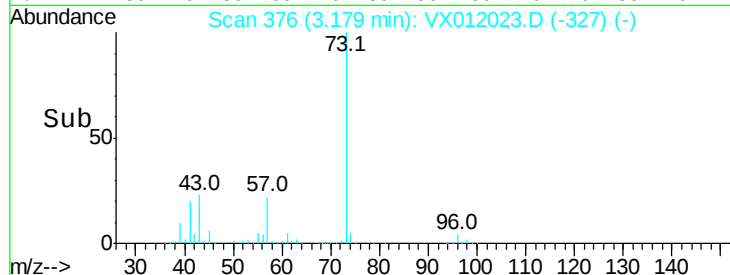
200000

100000

0

Time-->

3.10 3.20 3.30



#20

Methylene Chloride

Concen: 251.895 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Tgt Ion: 84 Resp: 263315

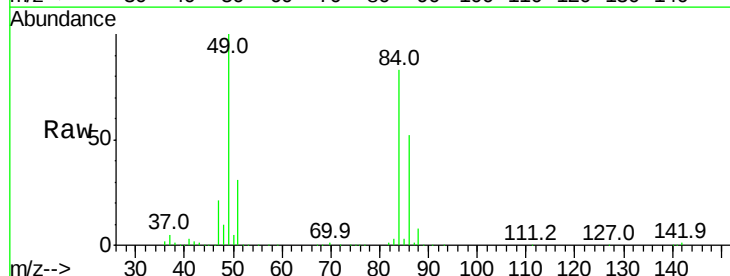
Ion Ratio Lower Upper

84 100

49 121.0 95.8 143.8

51 37.5 28.6 43.0

86 63.5 50.9 76.3



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

200000

150000

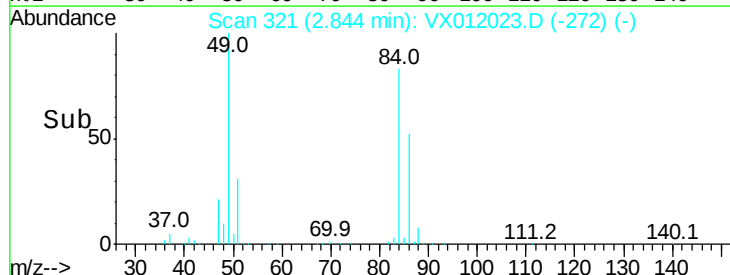
100000

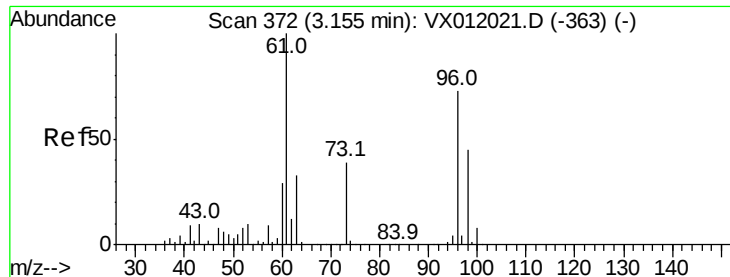
50000

0

Time-->

2.70 2.80 2.90 3.00





#21

trans-1,2-Dichloroethene

Concen: 249.274 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

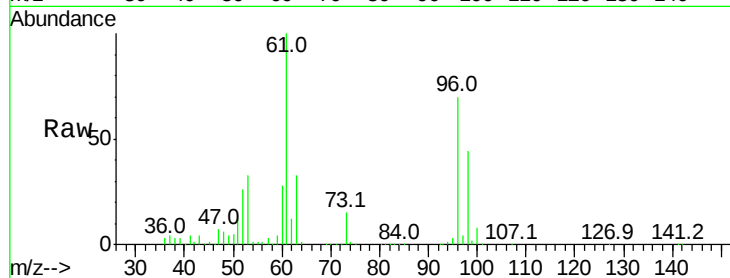
Tgt Ion: 96 Resp: 254144

Ion Ratio Lower Upper

96 100

61 142.0 107.0 160.6

98 62.2 49.8 74.6

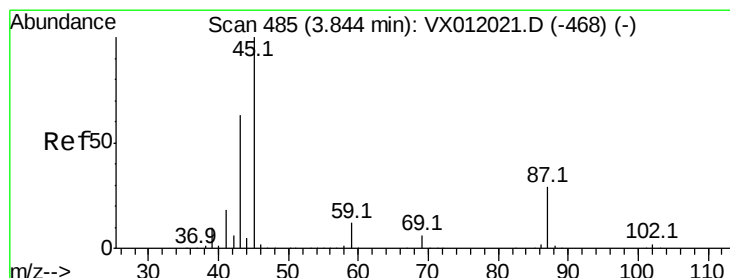
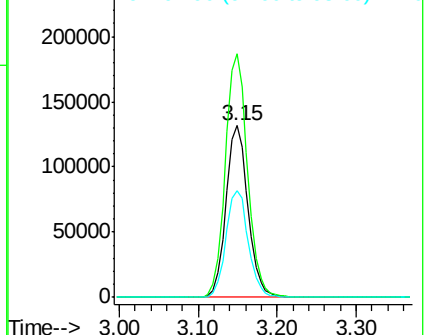
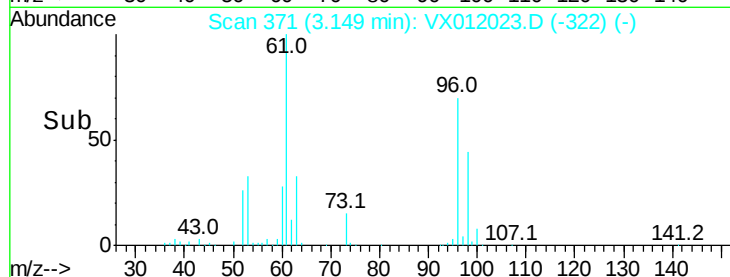


Abundance

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: 268.099 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.01 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Tgt Ion: 45 Resp: 792533

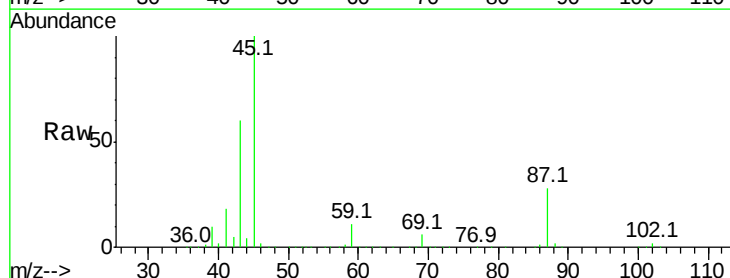
Ion Ratio Lower Upper

45 100

43 60.2 54.2 81.4

87 27.9 23.4 35.0

59 11.3 9.0 13.6



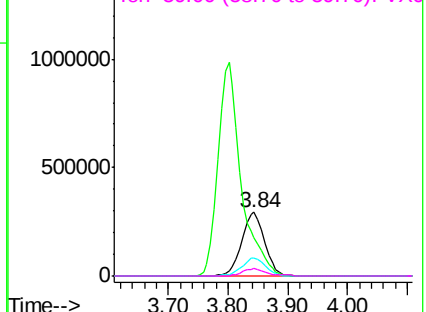
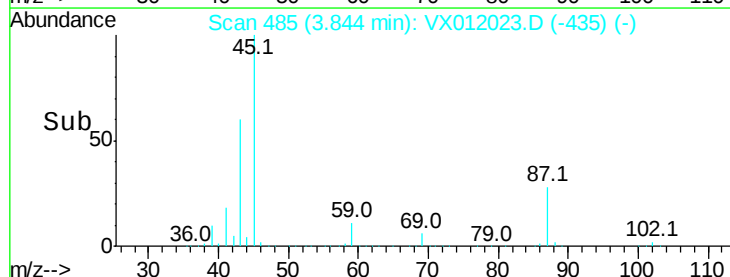
Abundance

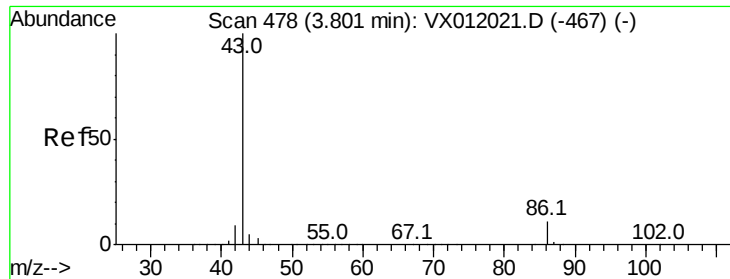
Ion 45.00 (44.70 to 45.70): VX0

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: 1429.313 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Instrument :

MSVOA\_X

ClientSampled :

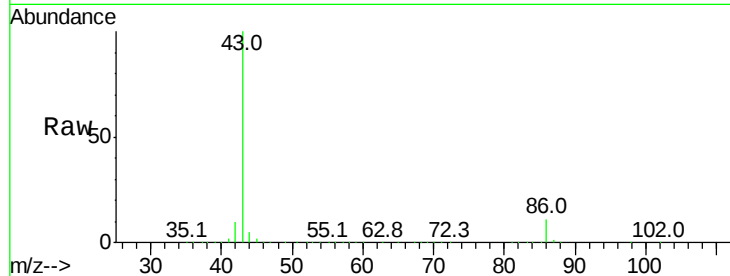
VSTDIC150

Tgt Ion: 43 Resp: 2656690

Ion Ratio Lower Upper

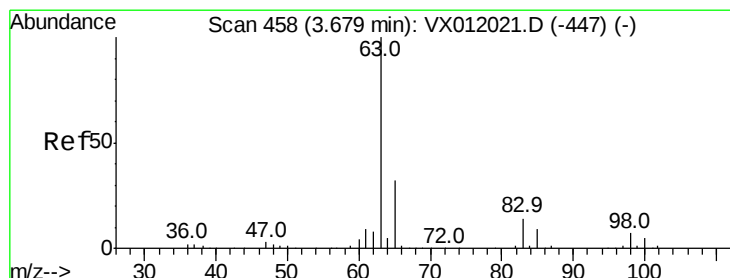
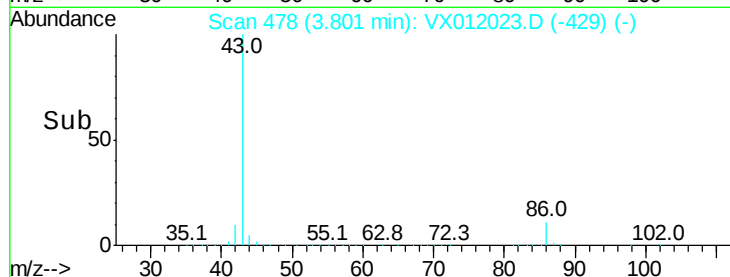
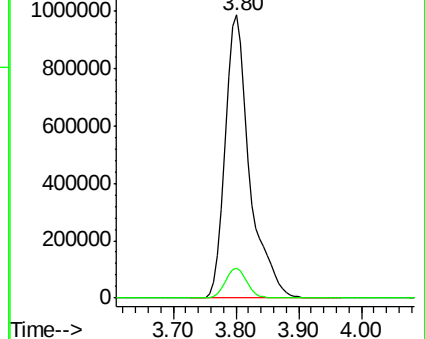
43 100

86 10.7 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 268.176 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

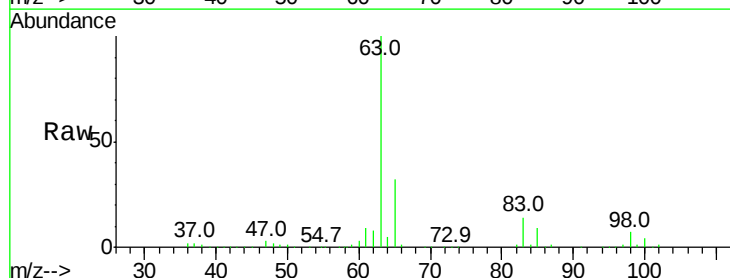
Tgt Ion: 63 Resp: 462325

Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.7

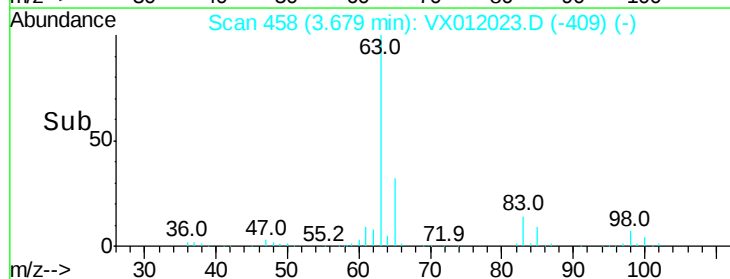
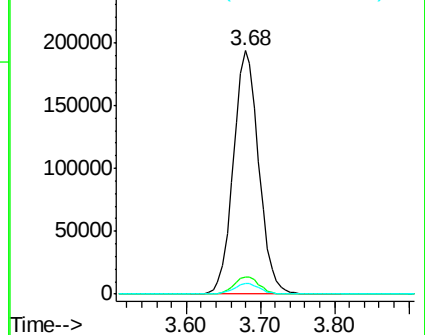
100 4.4 2.5 7.4

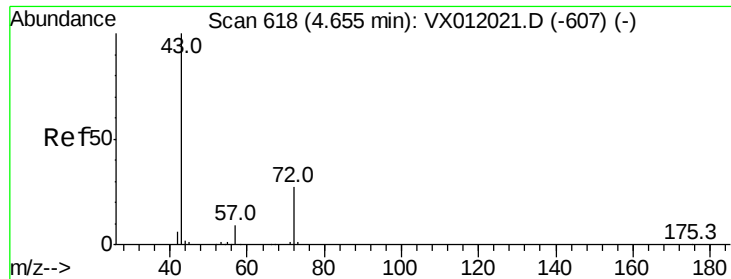


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 1503.558 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

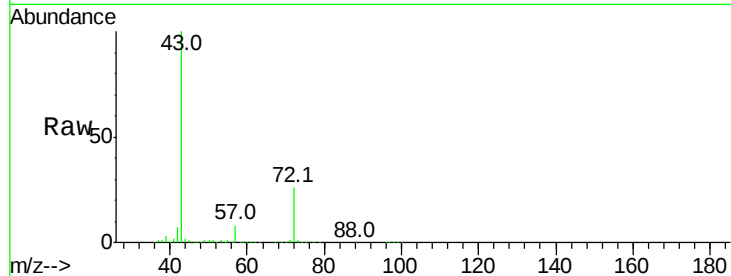
VSTDIC150

Tgt Ion: 43 Resp: 474049

Ion Ratio Lower Upper

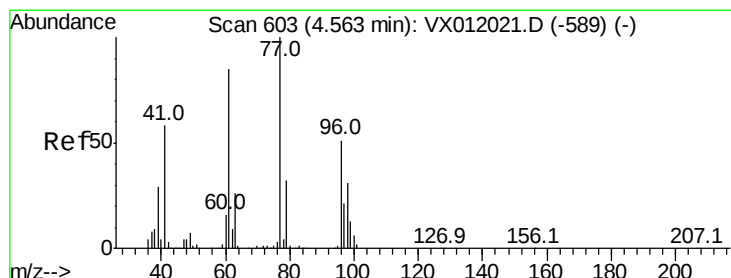
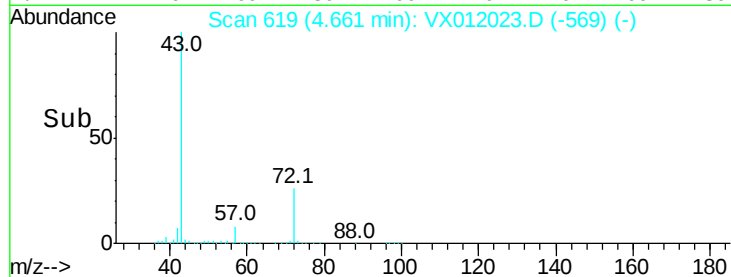
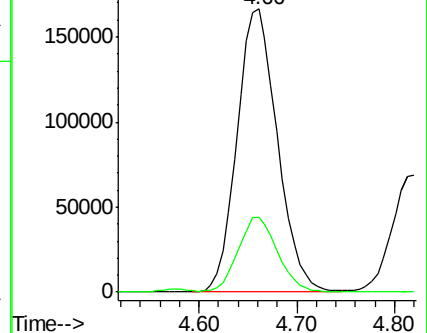
43 100

72 26.3 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 253.061 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012023.D

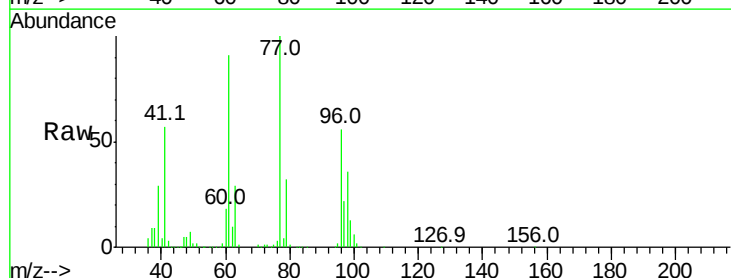
Acq: 03 Sep 2019 15:01

Tgt Ion: 77 Resp: 404674

Ion Ratio Lower Upper

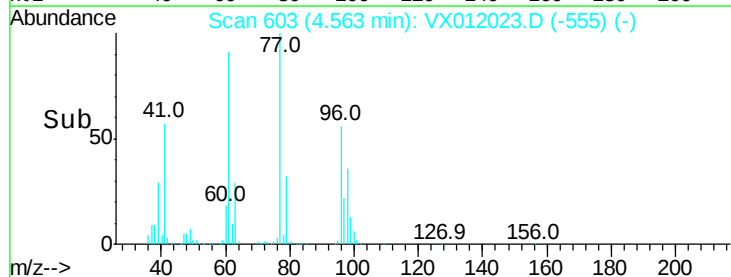
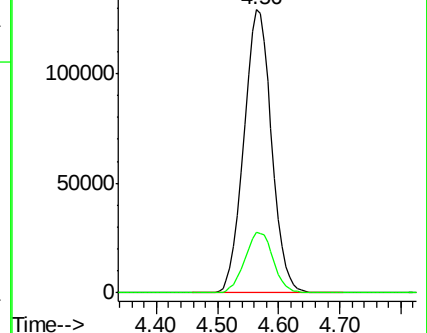
77 100

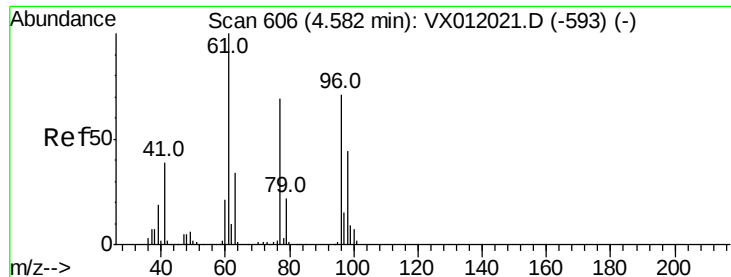
97 22.2 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



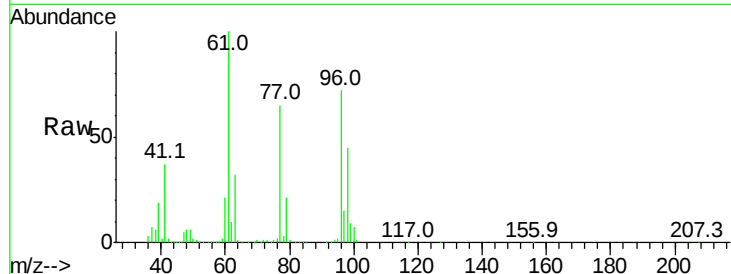


#27

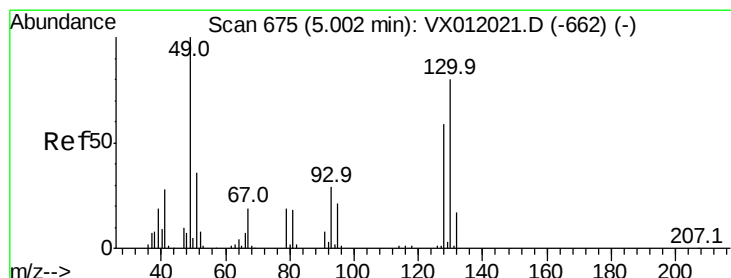
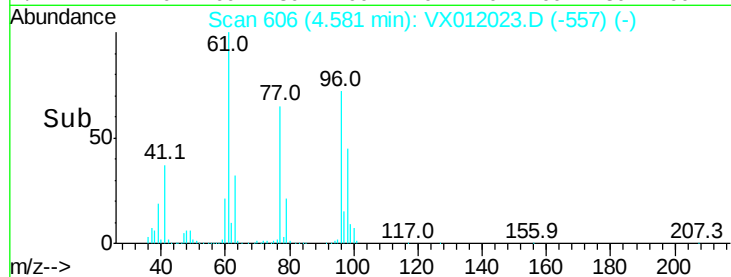
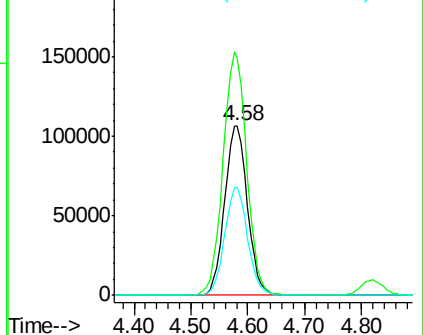
cis-1,2-Dichloroethene  
Concen: 253.630 ug/l  
RT: 4.58 min Scan# 606  
Delta R.T. -0.00 min  
Lab File: VX012023.D  
Acq: 03 Sep 2019 15:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Tgt Ion: 96 Resp: 297092  
Ion Ratio Lower Upper  
96 100  
61 148.8 0.0 277.0  
98 64.0 0.0 128.4



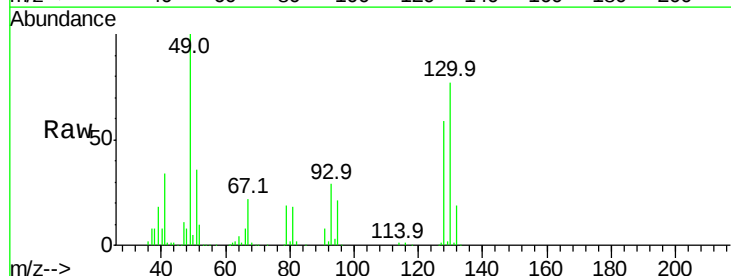
Abundance Ion 95.90 (95.60 to 96.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0



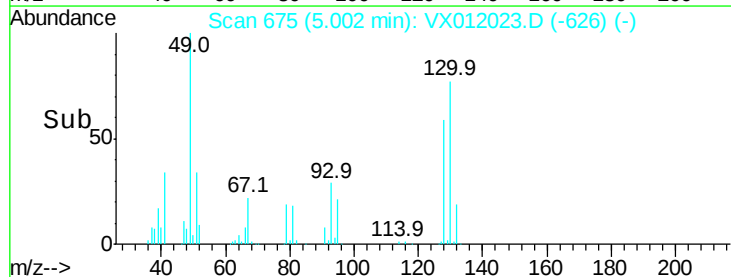
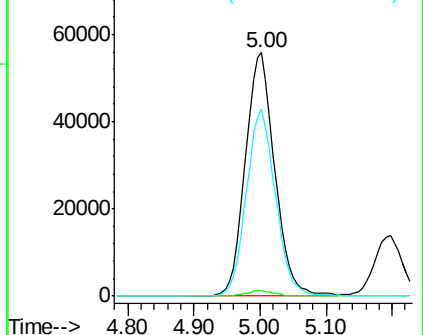
#28

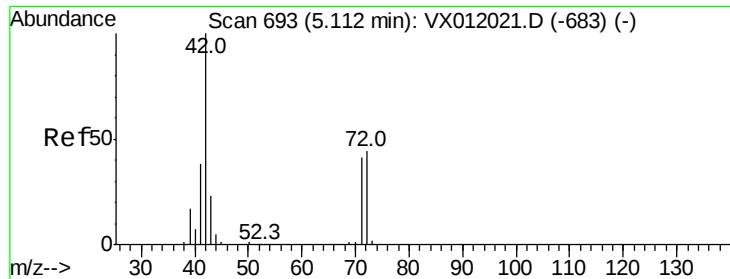
Bromochloromethane  
Concen: 243.835 ug/l  
RT: 5.00 min Scan# 675  
Delta R.T. -0.00 min  
Lab File: VX012023.D  
Acq: 03 Sep 2019 15:01

Tgt Ion: 49 Resp: 172763  
Ion Ratio Lower Upper  
49 100  
129 2.2 0.0 5.6  
130 76.4 76.7 115.1#



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: 1467.810 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

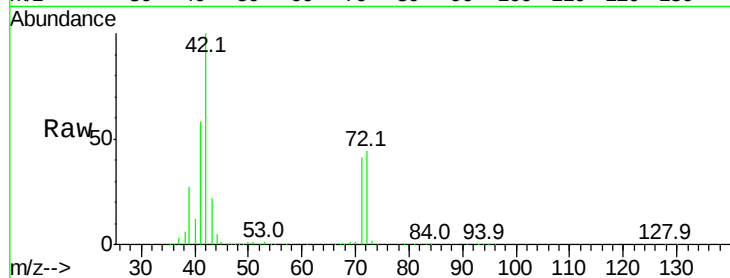
Tgt Ion: 42 Resp: 284611

Ion Ratio Lower Upper

42 100

72 46.1 37.0 55.4

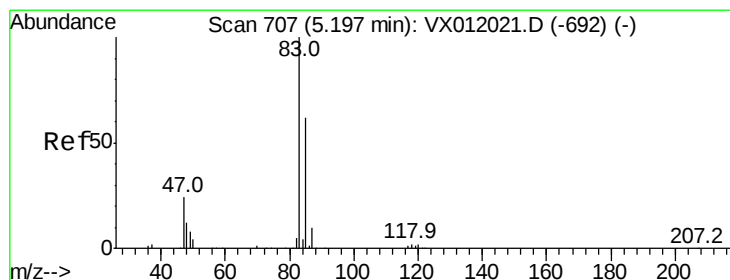
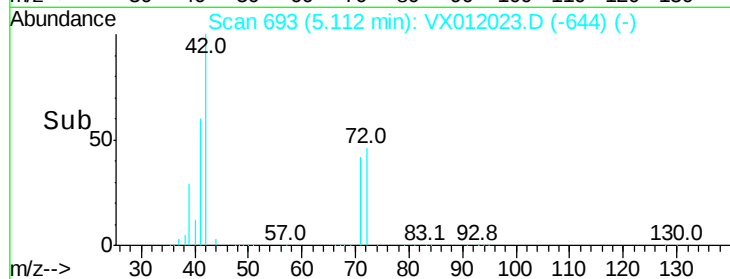
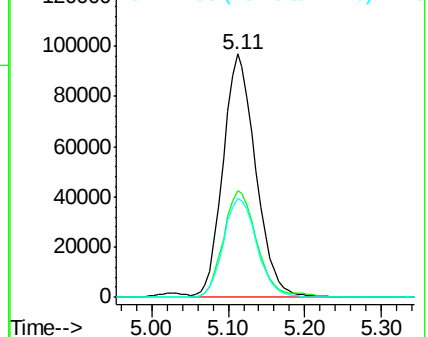
71 42.1 33.8 50.8



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: 256.629 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.00 min

Lab File: VX012023.D

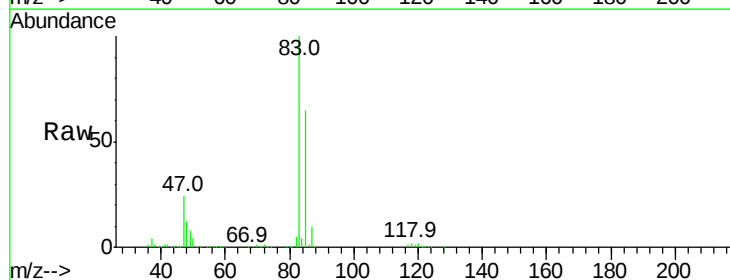
Acq: 03 Sep 2019 15:01

Tgt Ion: 83 Resp: 485611

Ion Ratio Lower Upper

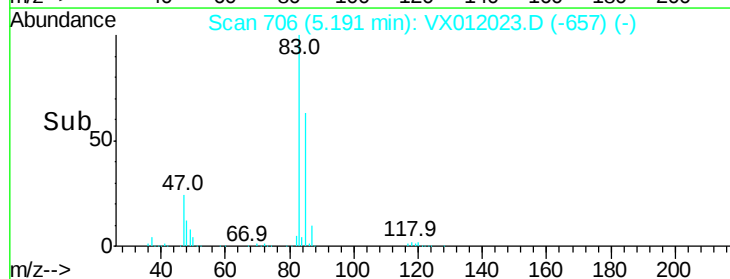
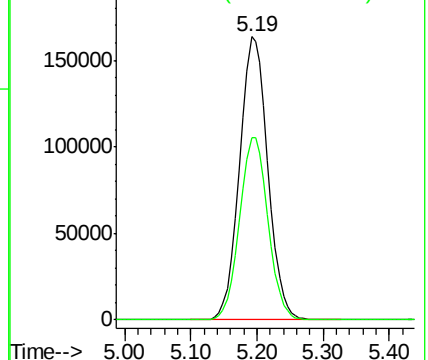
83 100

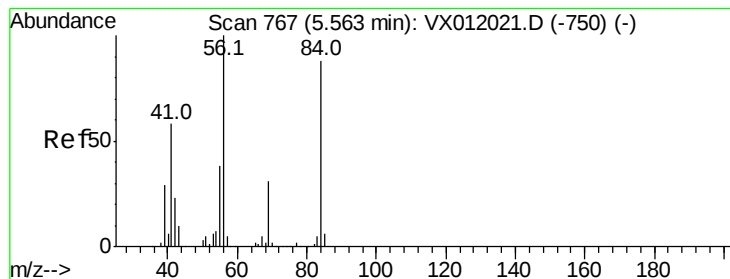
85 64.5 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 244.037 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

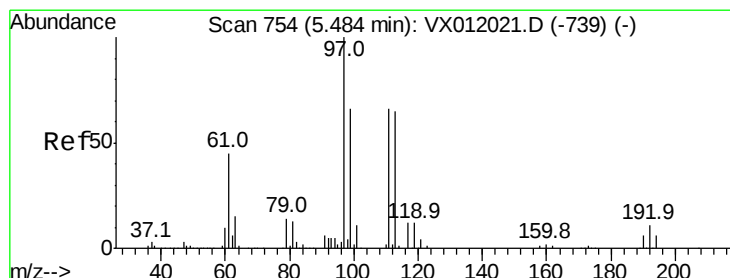
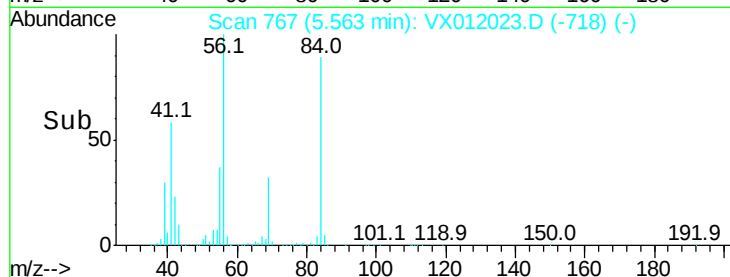
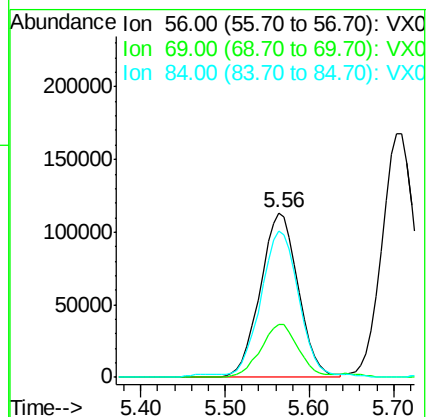
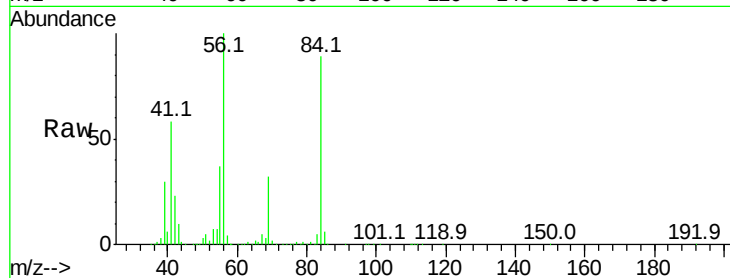
Tgt Ion: 56 Resp: 350496

Ion Ratio Lower Upper

56 100

69 32.1 25.7 38.5

84 87.8 70.3 105.5



#32

1,1,1-Trichloroethane

Concen: 241.947 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

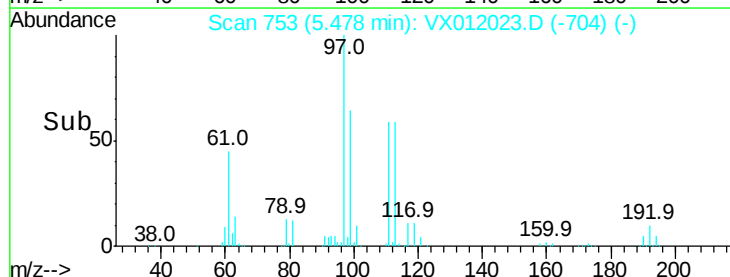
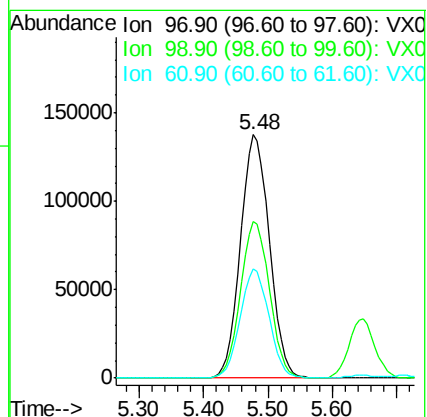
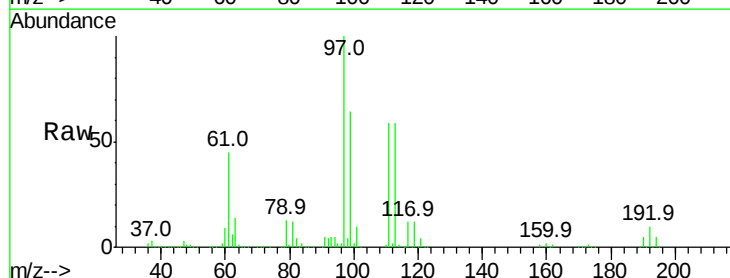
Tgt Ion: 97 Resp: 425947

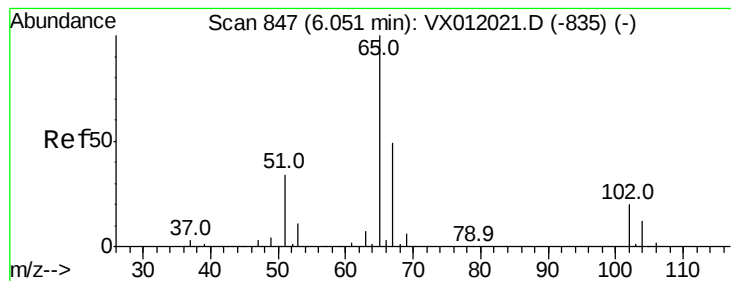
Ion Ratio Lower Upper

97 100

99 64.3 52.1 78.1

61 44.8 32.8 49.2





#33

1,2-Dichloroethane-d4

Concen: 248.093 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

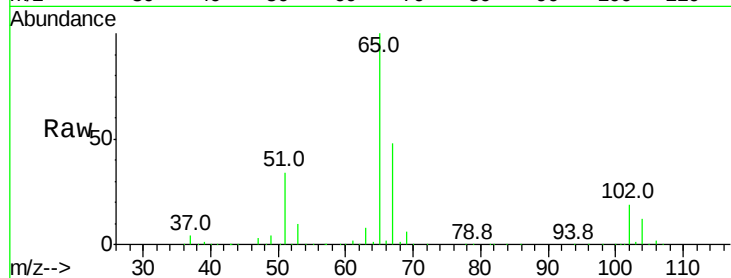
VSTDIC150

Tgt Ion: 65 Resp: 292568

Ion Ratio Lower Upper

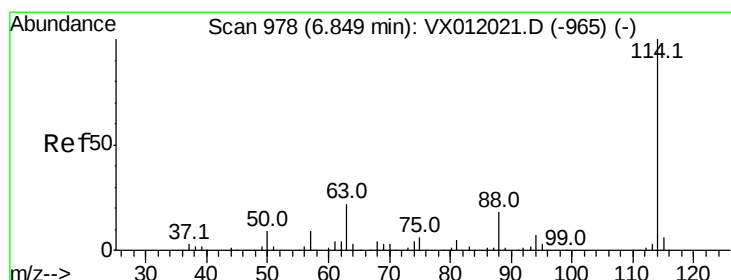
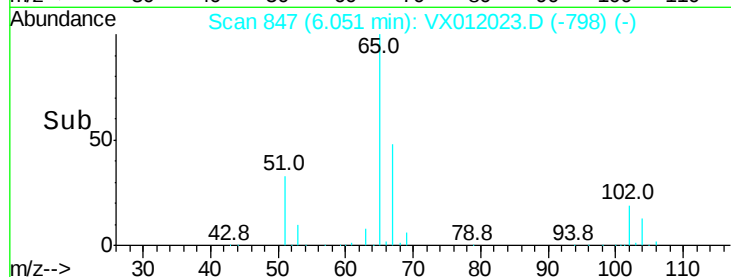
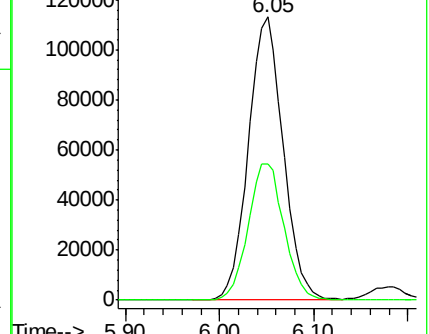
65 100

67 49.8 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

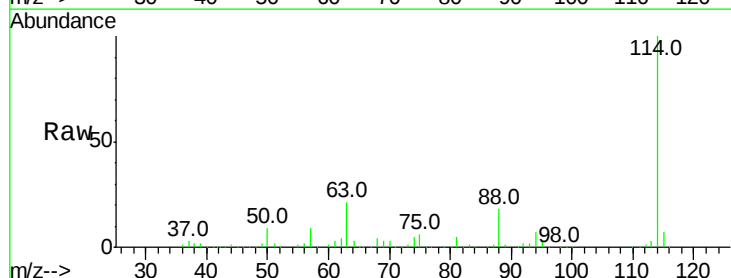
Tgt Ion: 114 Resp: 248519

Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.4

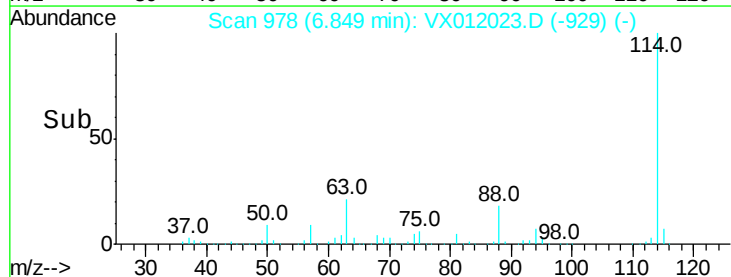
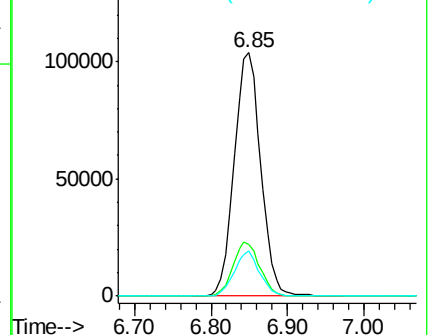
88 18.4 0.0 29.6

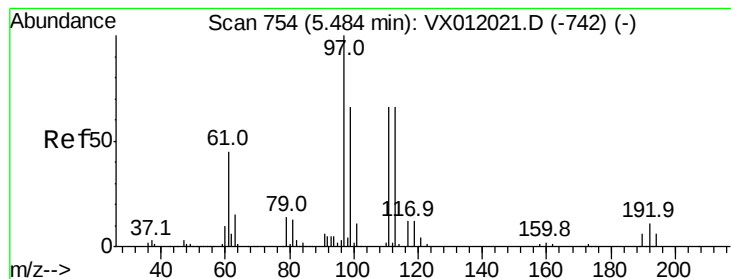


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 147.355 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

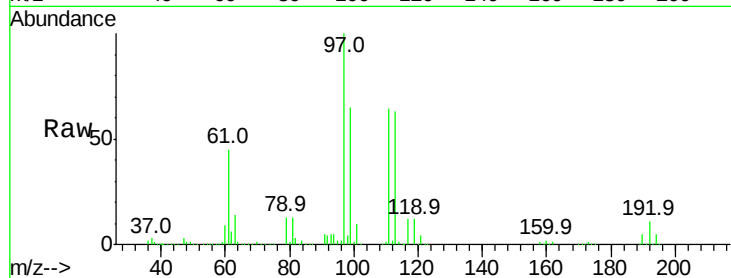
Tgt Ion:113 Resp: 240123

Ion Ratio Lower Upper

113 100

111 103.2 81.7 122.5

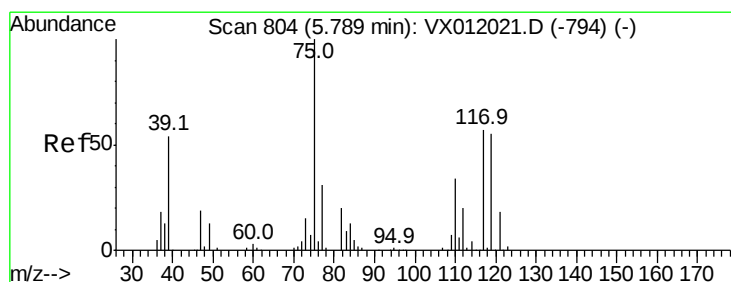
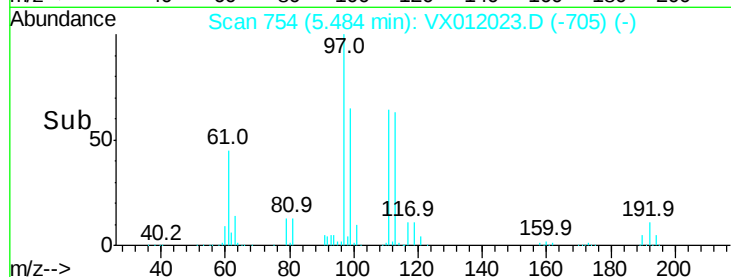
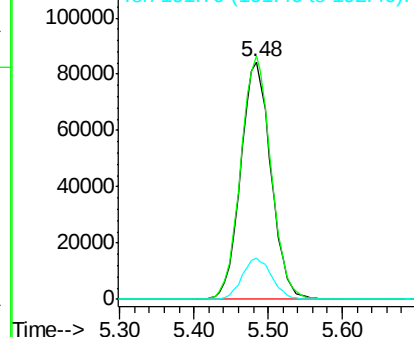
192 17.1 22.5 33.7#



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 181.840 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

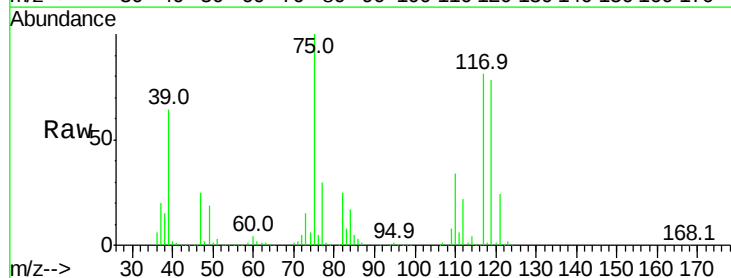
Tgt Ion: 75 Resp: 345793

Ion Ratio Lower Upper

75 100

110 34.9 19.5 58.5

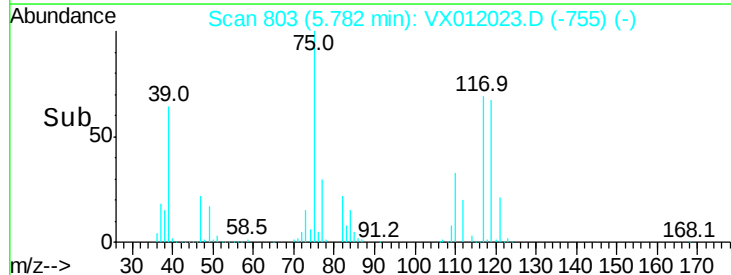
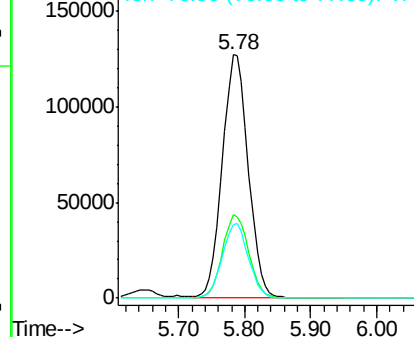
77 30.5 24.6 37.0

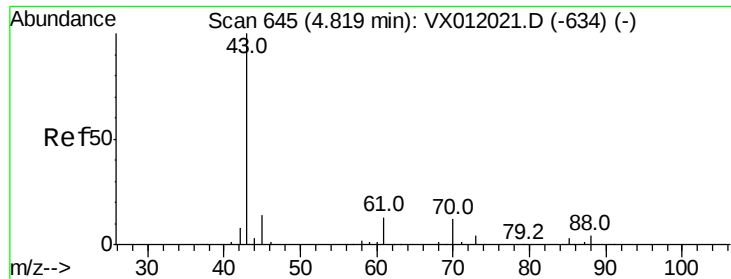


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 212.797 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.01 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

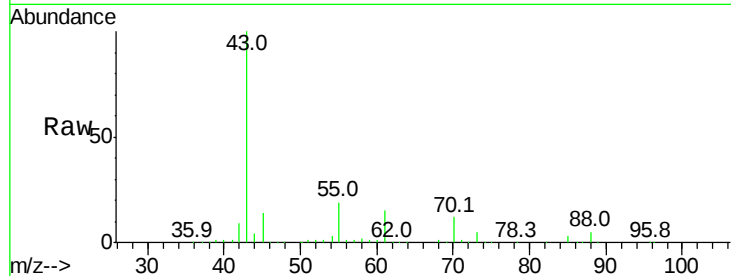
Tgt Ion: 43 Resp: 202571

Ion Ratio Lower Upper

43 100

61 13.4 10.9 16.3

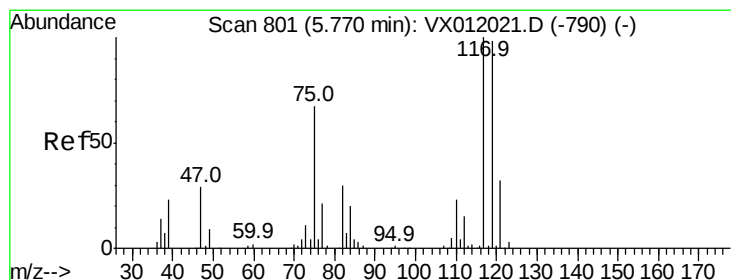
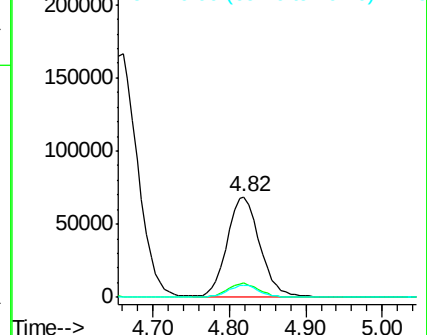
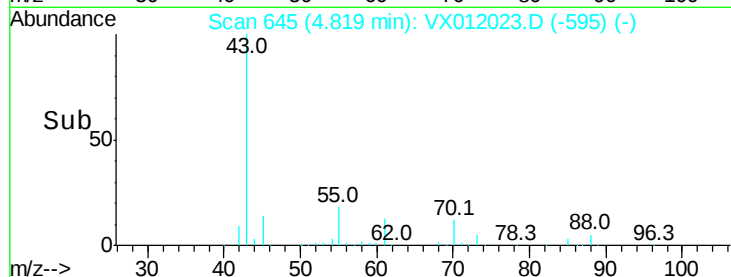
70 12.0 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 159.562 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

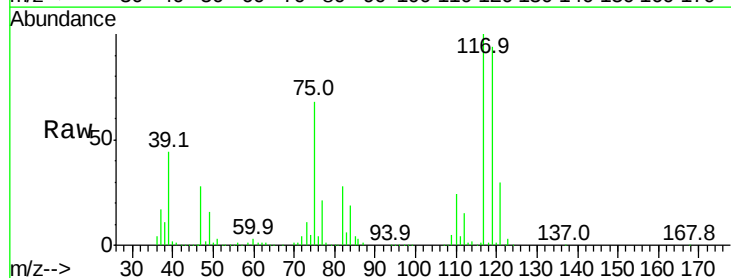
Tgt Ion: 117 Resp: 368973

Ion Ratio Lower Upper

117 100

119 94.2 78.3 117.5

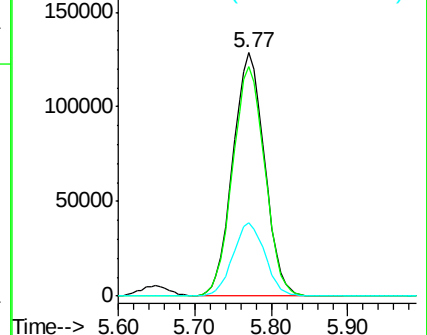
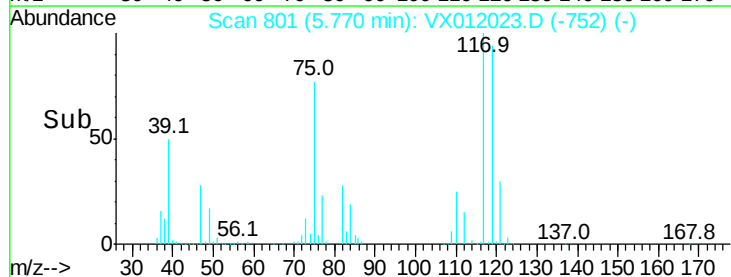
121 30.0 24.2 36.2

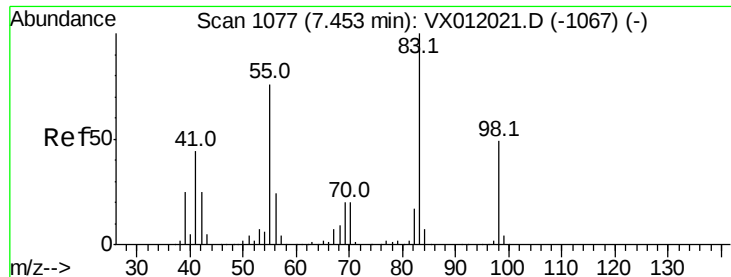


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

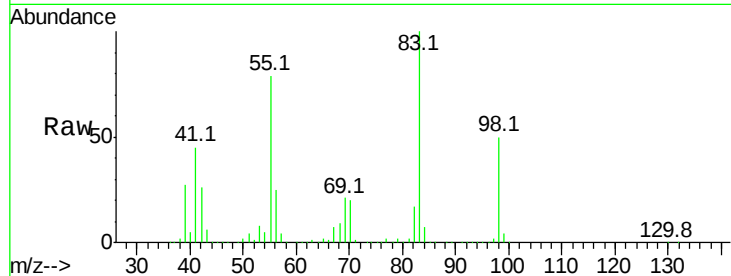




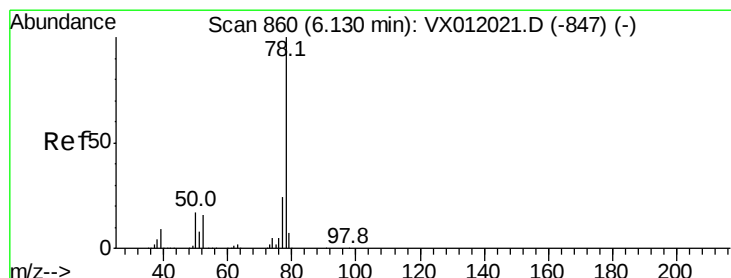
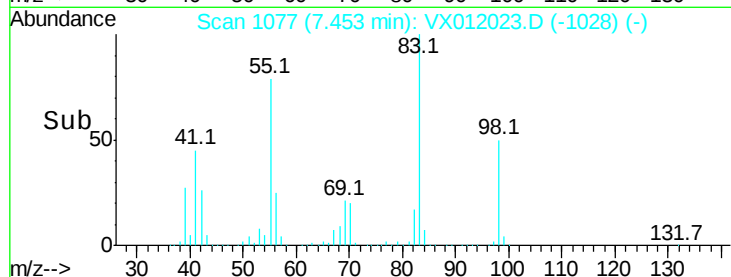
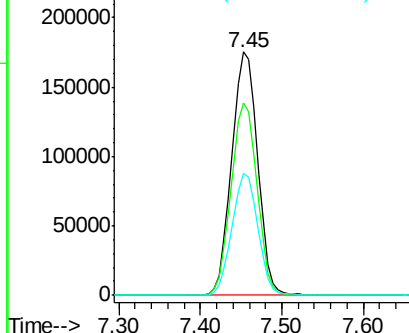
#39  
Methylcyclohexane  
Concen: 166.675 ug/l  
RT: 7.45 min Scan# 1077  
Delta R.T. -0.00 min  
Lab File: VX012023.D  
Acq: 03 Sep 2019 15:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC150

Tgt Ion: 83 Resp: 384859  
Ion Ratio Lower Upper  
83 100  
55 79.0 59.6 89.4  
98 49.9 41.4 62.0

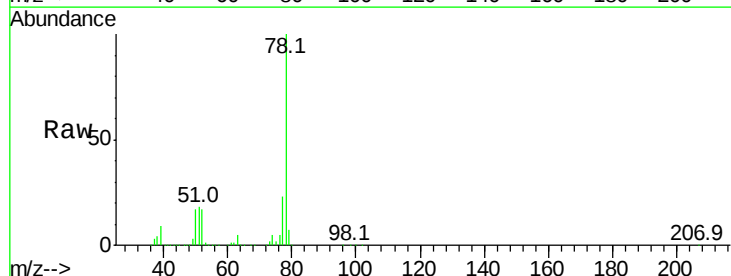


Abundance Ion 83.00 (82.70 to 83.70): VX0  
Ion 55.00 (54.70 to 55.70): VX0  
Ion 98.00 (97.70 to 98.70): VX0

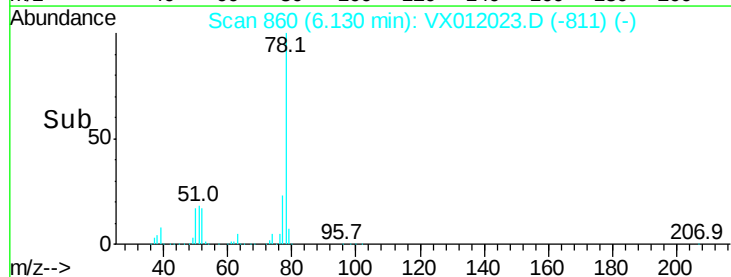
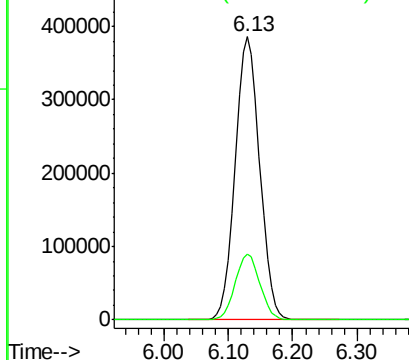


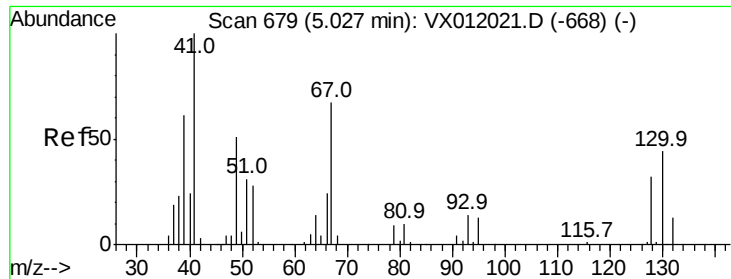
#40  
Benzene  
Concen: 185.345 ug/l  
RT: 6.13 min Scan# 860  
Delta R.T. -0.00 min  
Lab File: VX012023.D  
Acq: 03 Sep 2019 15:01

Tgt Ion: 78 Resp: 1017960  
Ion Ratio Lower Upper  
78 100  
77 23.5 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VX0  
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 212.414 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 121863

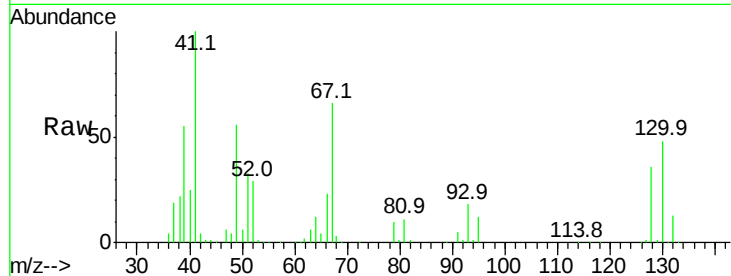
Ion Ratio Lower Upper

41 100

39 56.0 46.7 70.1

67 67.5 57.0 85.6

52 29.6 23.5 35.3

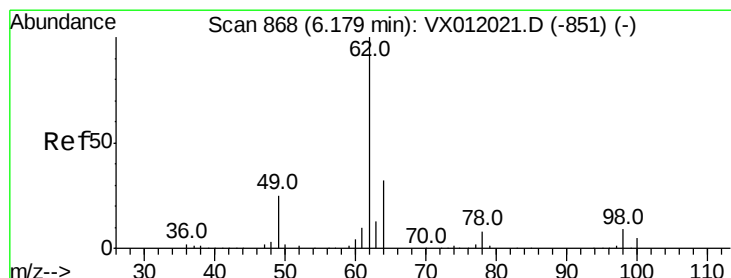
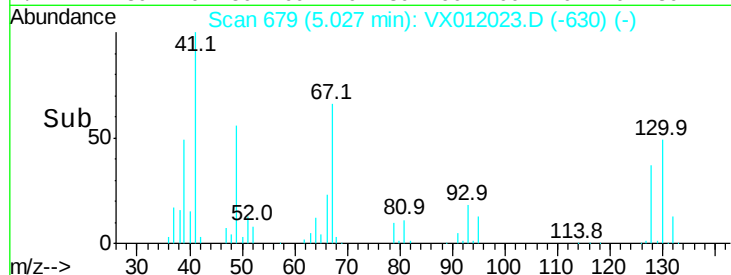
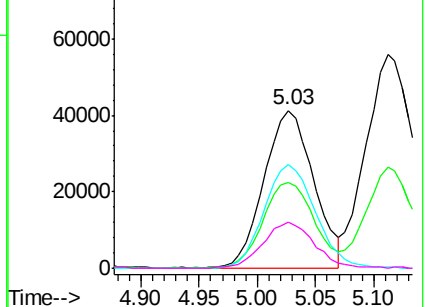


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 198.491 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX012023.D

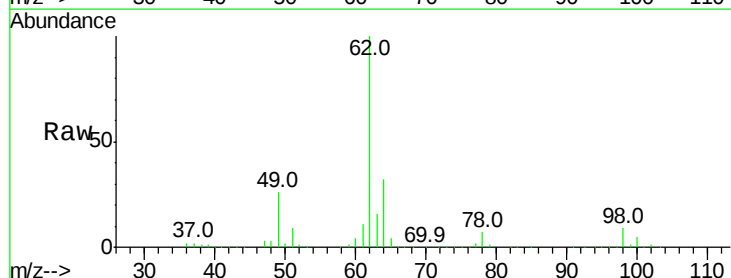
Acq: 03 Sep 2019 15:01

Tgt Ion: 62 Resp: 369307

Ion Ratio Lower Upper

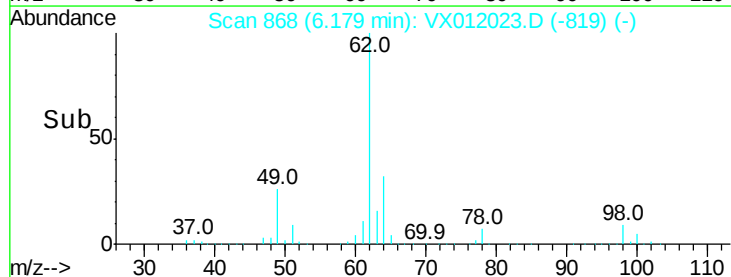
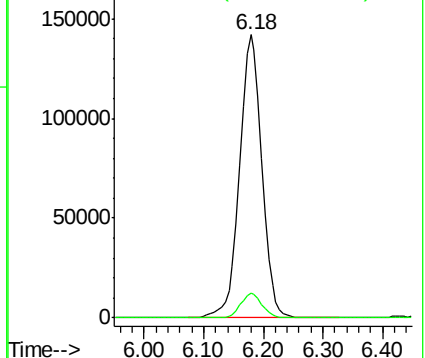
62 100

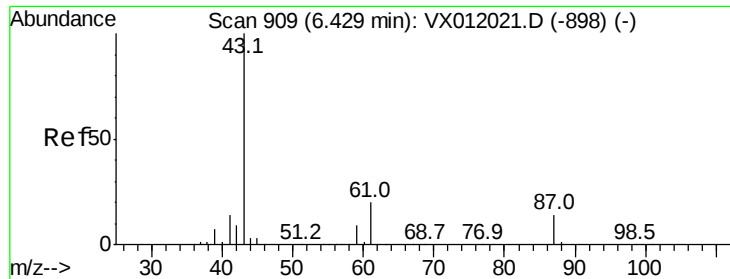
98 8.4 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



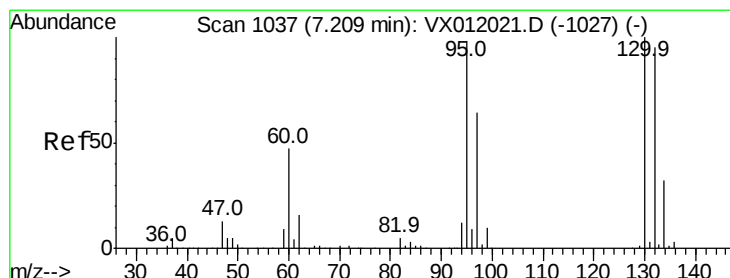
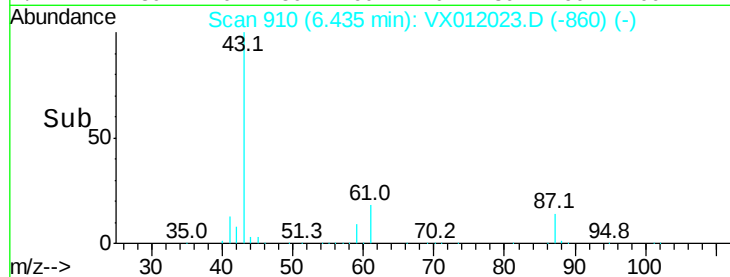
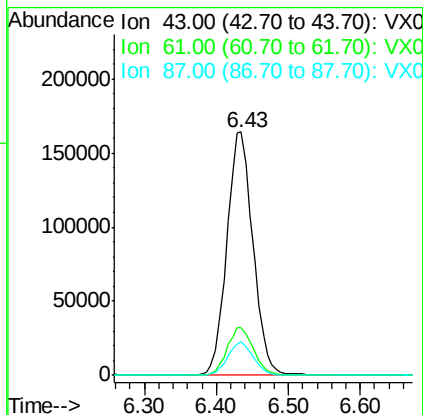
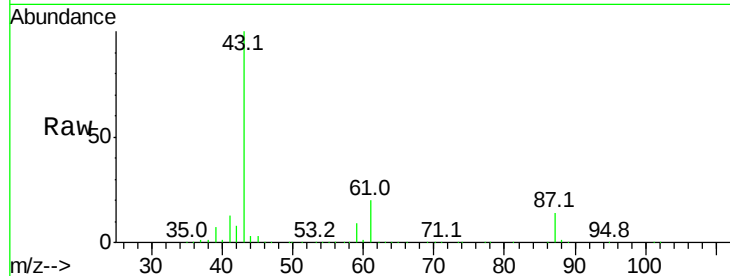


#43

Isopropyl Acetate  
 Concen: 209.713 ug/l  
 RT: 6.43 min Scan# 910  
 Delta R.T. 0.01 min  
 Lab File: VX012023.D  
 Acq: 03 Sep 2019 15:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

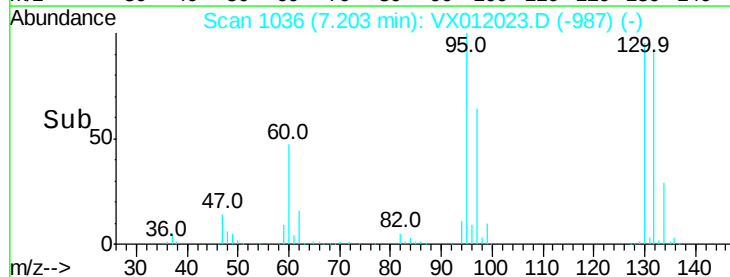
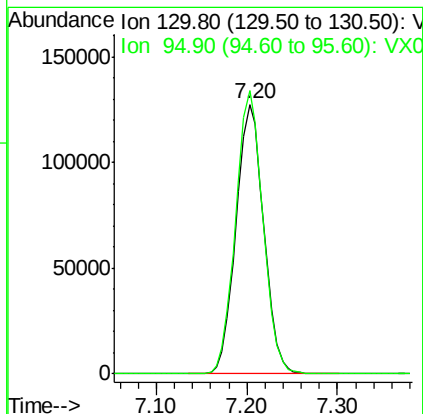
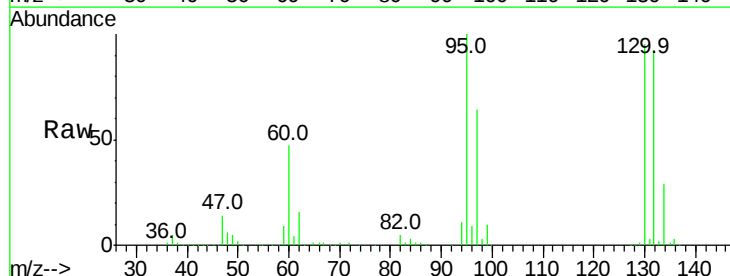
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.9  | 16.1  | 24.1  |
| 87      | 13.3  | 11.3  | 16.9  |

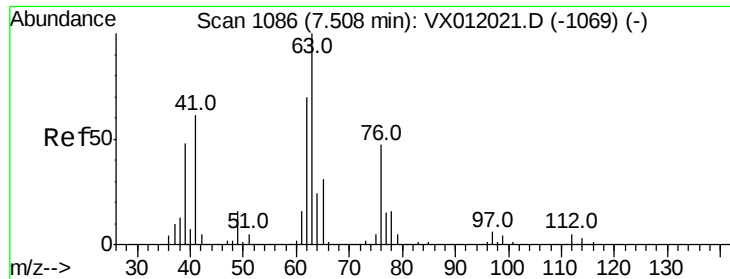


#44

Trichloroethene  
 Concen: 148.422 ug/l  
 RT: 7.20 min Scan# 1036  
 Delta R.T. -0.00 min  
 Lab File: VX012023.D  
 Acq: 03 Sep 2019 15:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 104.9 | 0.0   | 176.4 |





#45

1,2-Dichloropropane

Concen: 188.430 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.01 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

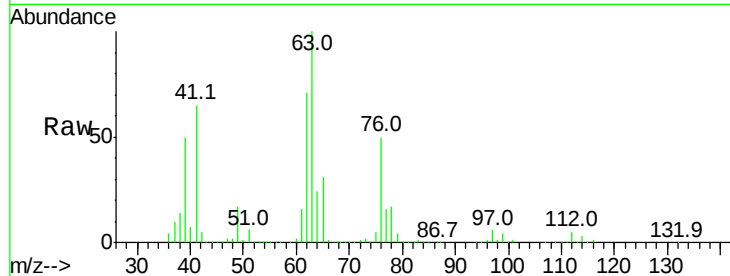
VSTDIC150

Tgt Ion: 63 Resp: 260417

Ion Ratio Lower Upper

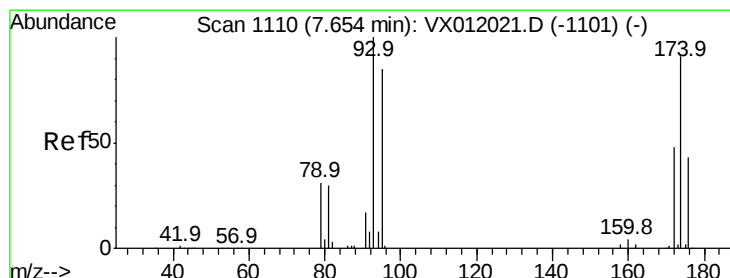
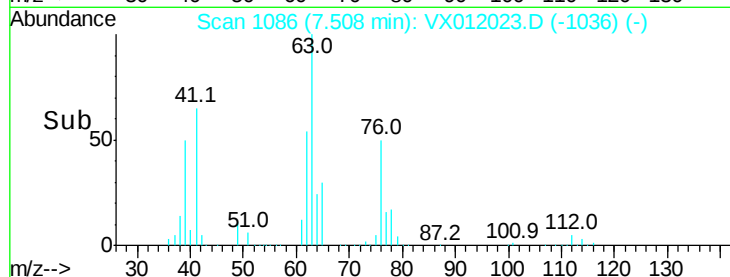
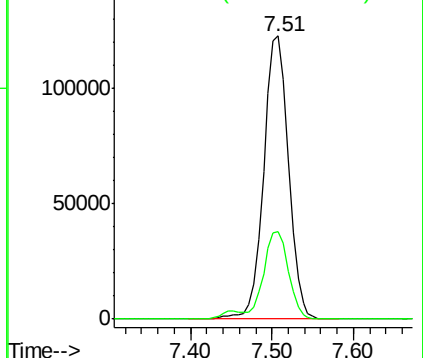
63 100

65 31.1 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: 188.678 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

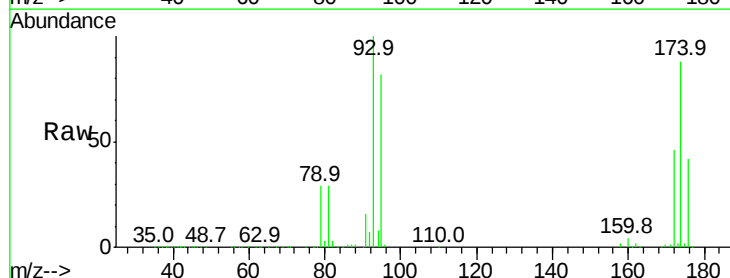
Tgt Ion: 93 Resp: 156304

Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.2

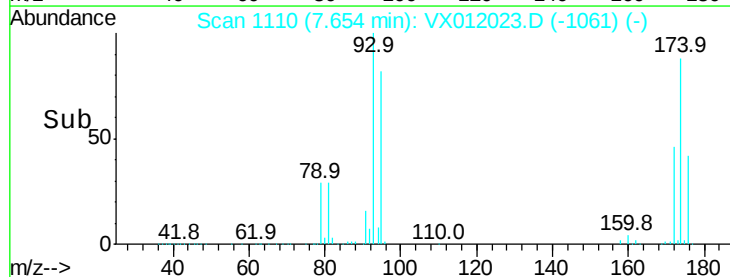
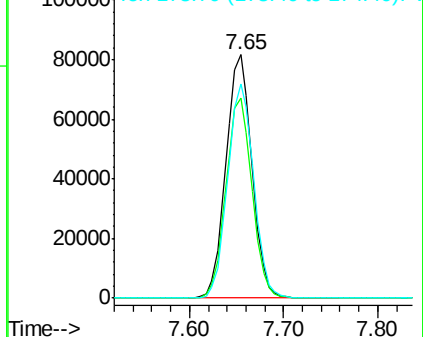
174 88.4 110.2 165.4#

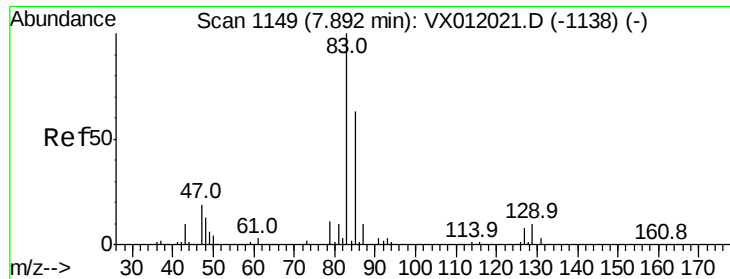


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 187.172 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

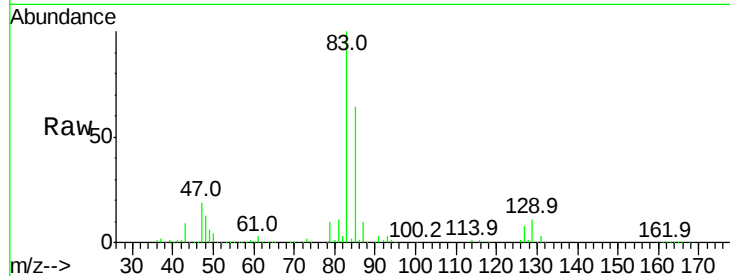
Tgt Ion: 83 Resp: 391425

Ion Ratio Lower Upper

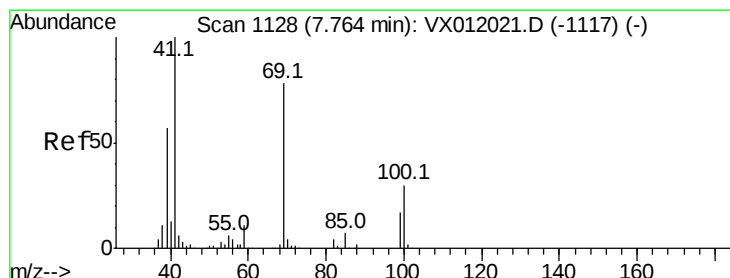
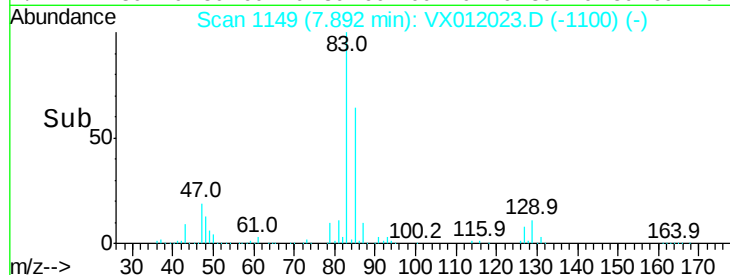
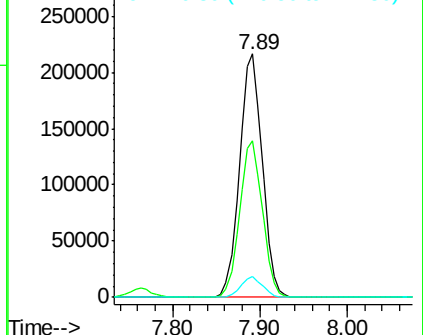
83 100

85 64.2 50.3 75.5

127 8.3 8.1 12.1



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: 214.702 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

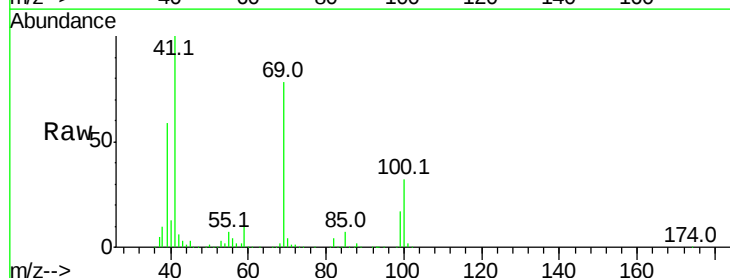
Tgt Ion: 41 Resp: 208321

Ion Ratio Lower Upper

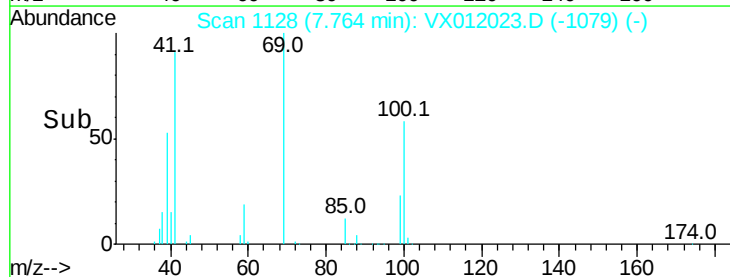
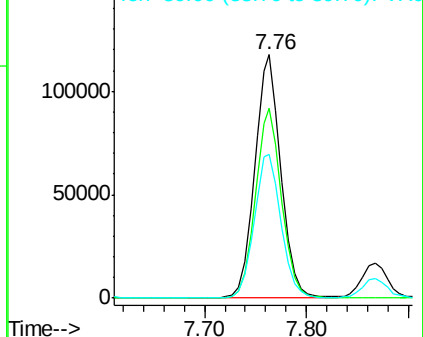
41 100

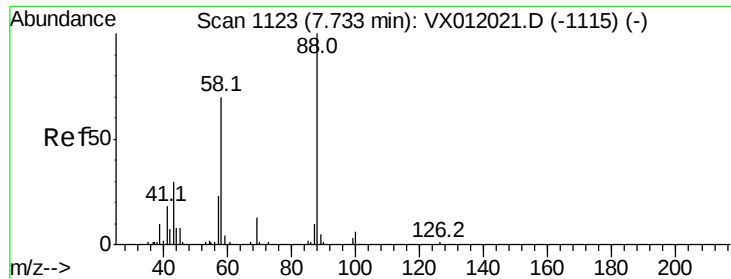
69 78.7 66.3 99.5

39 60.9 48.1 72.1



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

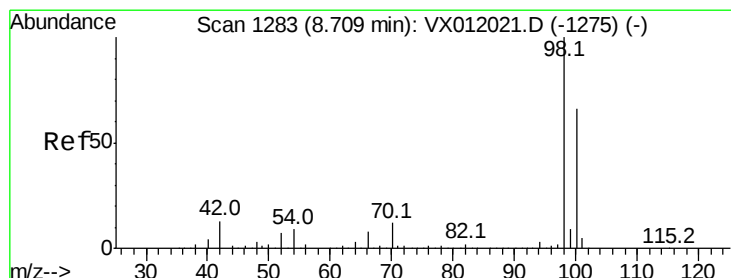
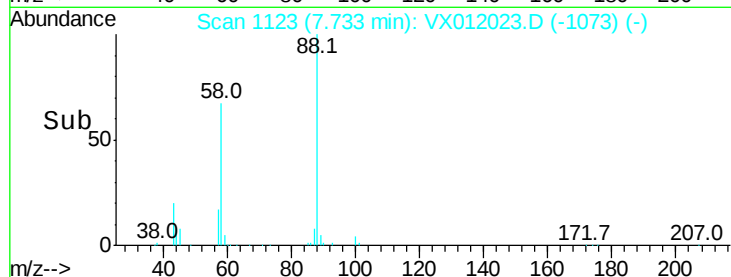
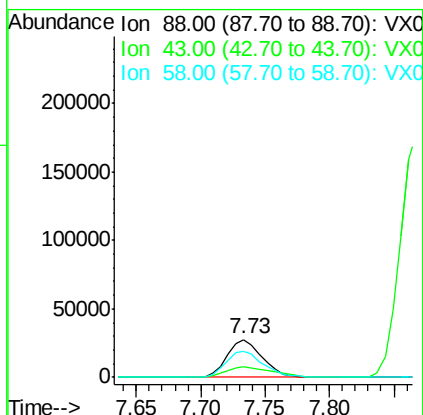
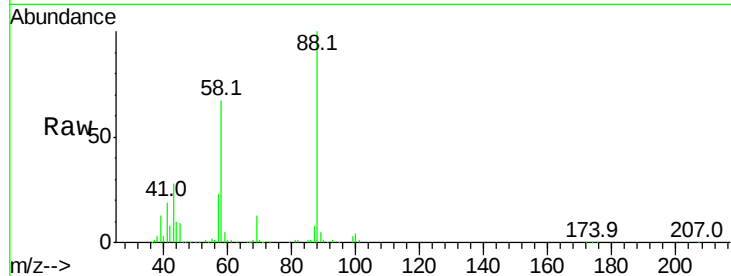




#49  
 1,4-Dioxane  
 Concen: 3893.972 ug/l  
 RT: 7.73 min Scan# 1123  
 Delta R.T. 0.01 min  
 Lab File: VX012023.D  
 Acq: 03 Sep 2019 15:01

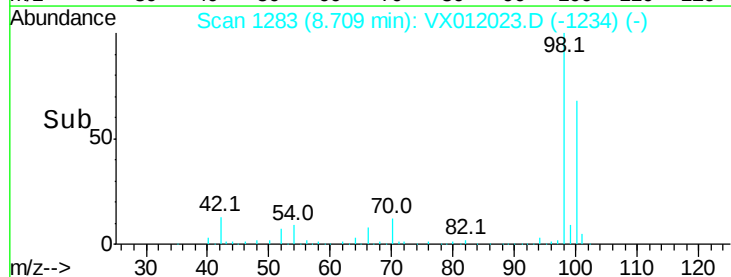
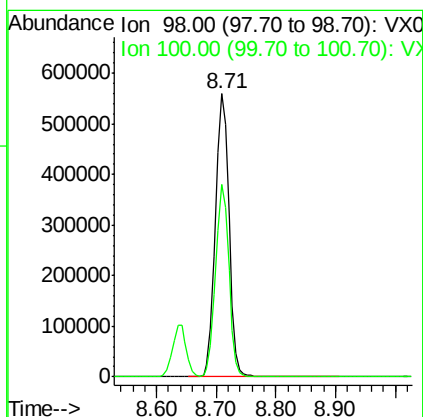
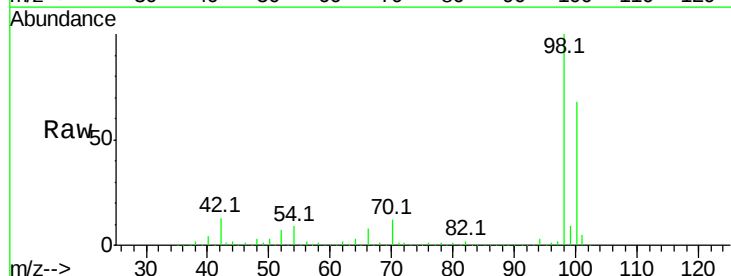
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

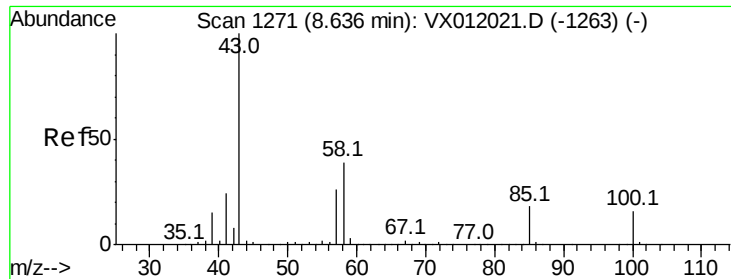
Tgt Ion: 88 Resp: 53006  
 Ion Ratio Lower Upper  
 88 100  
 43 38.0 29.8 44.6  
 58 73.7 55.4 83.2



#50  
 Toluene-d8  
 Concen: 152.935 ug/l  
 RT: 8.71 min Scan# 1283  
 Delta R.T. -0.00 min  
 Lab File: VX012023.D  
 Acq: 03 Sep 2019 15:01

Tgt Ion: 98 Resp: 877813  
 Ion Ratio Lower Upper  
 98 100  
 100 66.9 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 1034.126 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

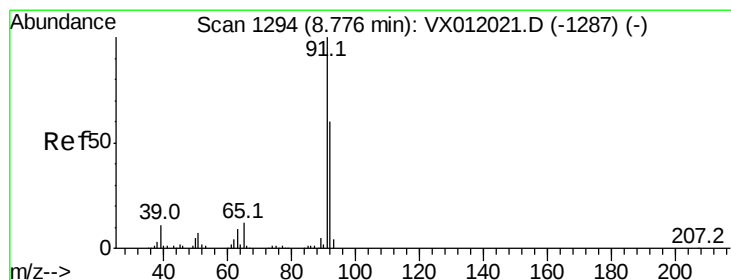
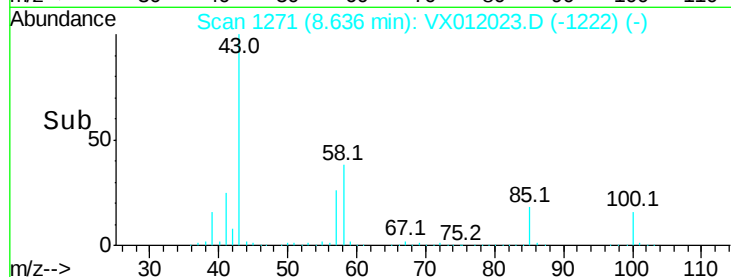
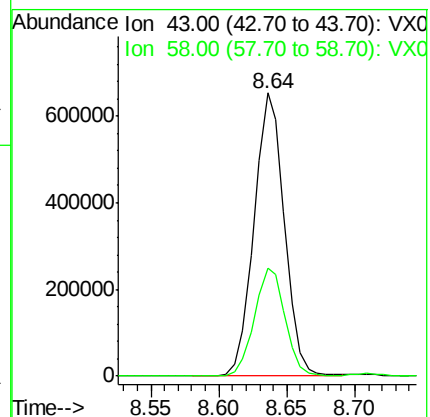
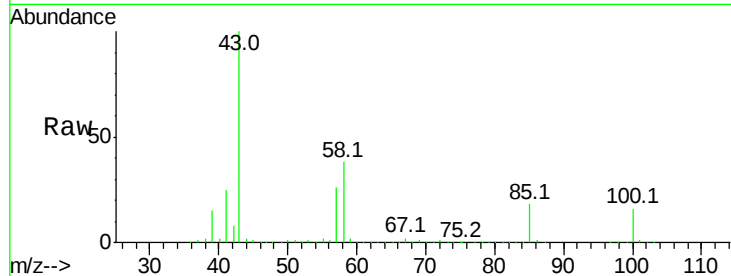
VSTDIC150

Tgt Ion: 43 Resp: 1022666

Ion Ratio Lower Upper

43 100

58 38.5 31.5 47.3



#52

Toluene

Concen: 175.084 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012023.D

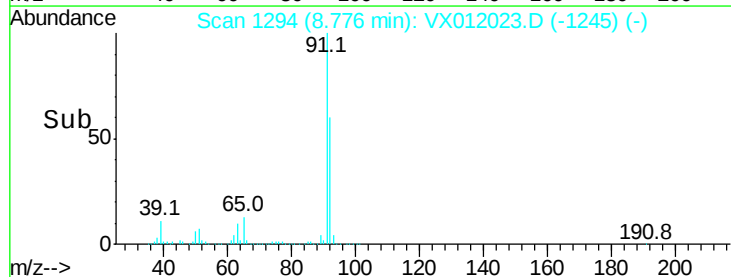
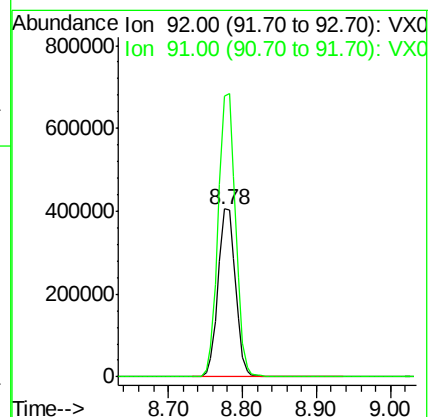
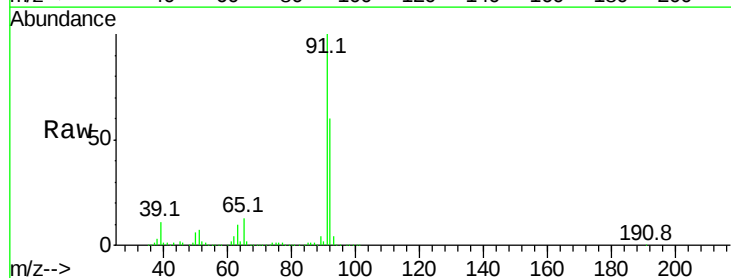
Acq: 03 Sep 2019 15:01

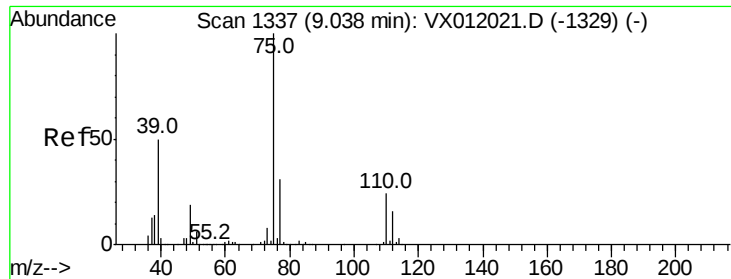
Tgt Ion: 92 Resp: 651537

Ion Ratio Lower Upper

92 100

91 168.3 136.0 204.0

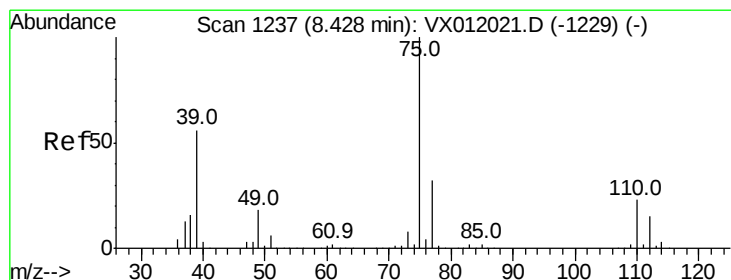
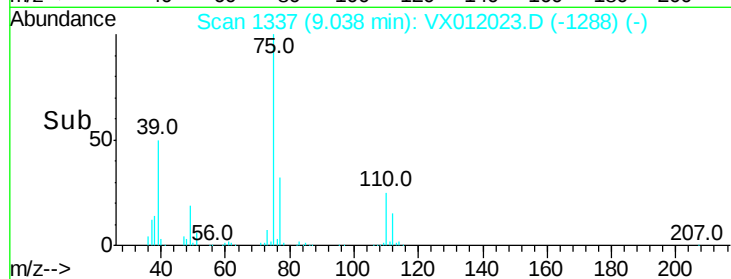
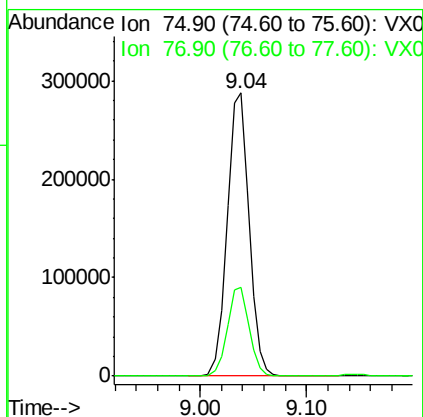
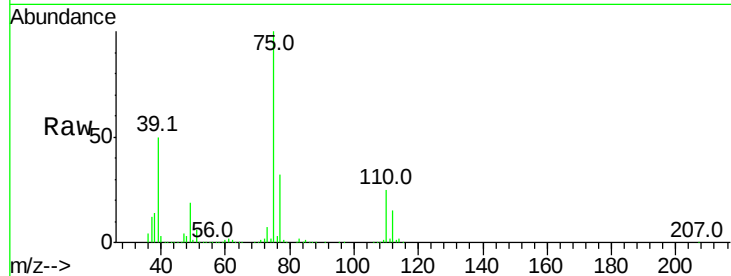




#53  
t-1,3-Dichloropropene  
Concen: 195.934 ug/l  
RT: 9.04 min Scan# 1337  
Delta R.T. -0.00 min  
Lab File: VX012023.D  
Acq: 03 Sep 2019 15:01

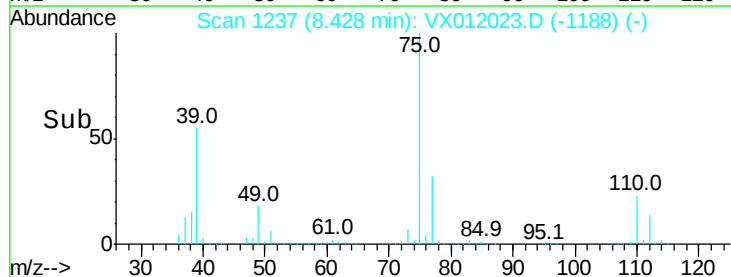
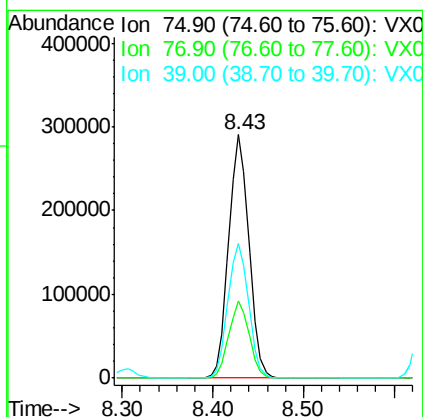
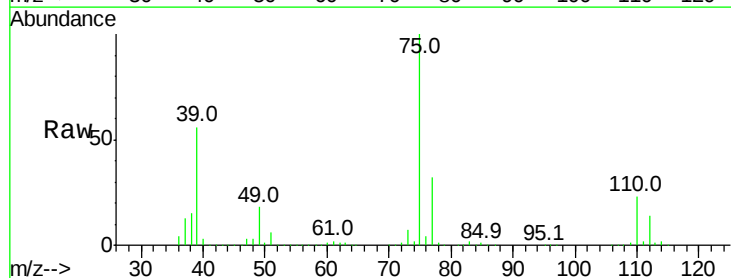
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

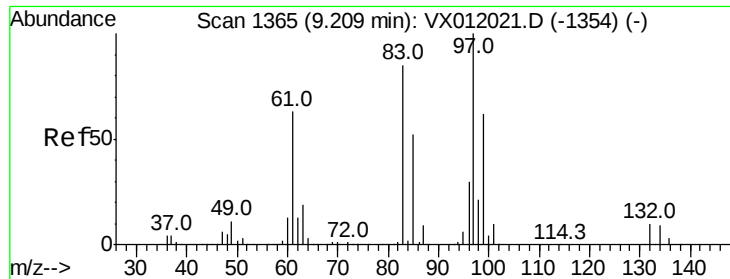
Tgt Ion: 75 Resp: 414775  
Ion Ratio Lower Upper  
75 100  
77 31.5 25.1 37.7



#54  
cis-1,3-Dichloropropene  
Concen: 190.058 ug/l  
RT: 8.43 min Scan# 1237  
Delta R.T. -0.00 min  
Lab File: VX012023.D  
Acq: 03 Sep 2019 15:01

Tgt Ion: 75 Resp: 452863  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.5 38.3  
39 55.4 43.0 64.4

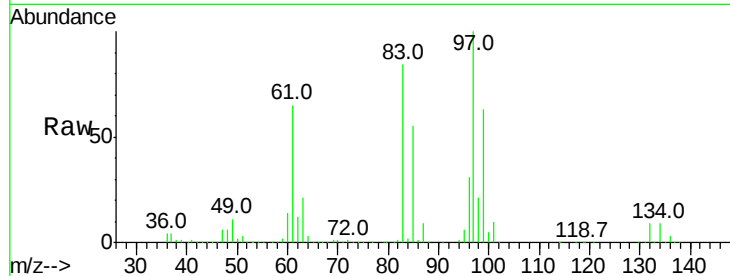




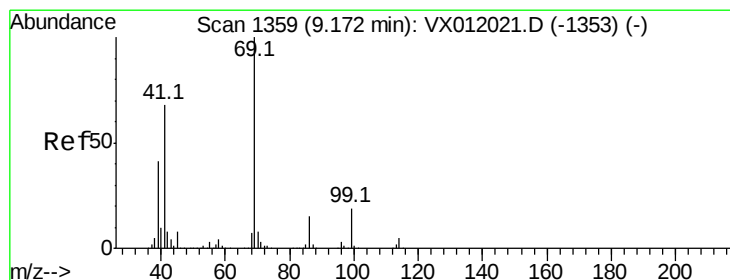
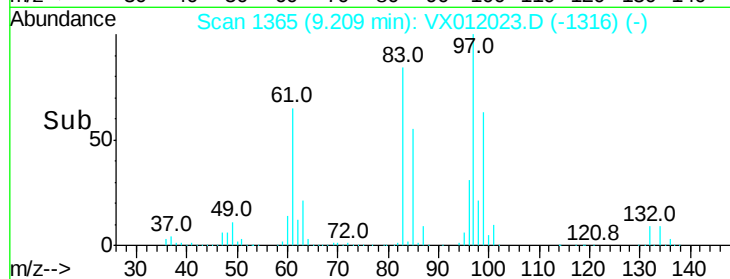
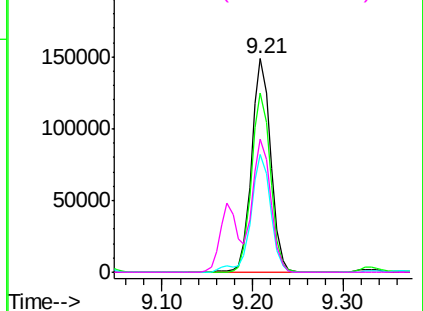
#55  
 1,1,2-Trichloroethane  
 Concen: 178.938 ug/l  
 RT: 9.21 min Scan# 1365  
 Delta R.T. -0.00 min  
 Lab File: VX012023.D  
 Acq: 03 Sep 2019 15:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 216402 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 84.1  | 66.0  | 99.0   |
| 85       | 55.2  | 41.0  | 61.6   |
| 99       | 62.6  | 50.6  | 75.8   |

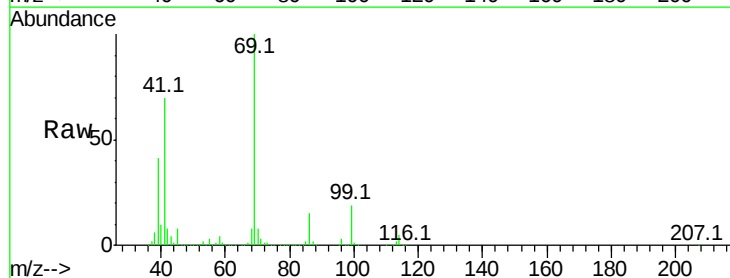


Abundance Ion 96.90 (96.60 to 97.60): VX0  
 Ion 82.90 (82.60 to 83.60): VX0  
 Ion 84.90 (84.60 to 85.60): VX0  
 Ion 98.90 (98.60 to 99.60): VX0

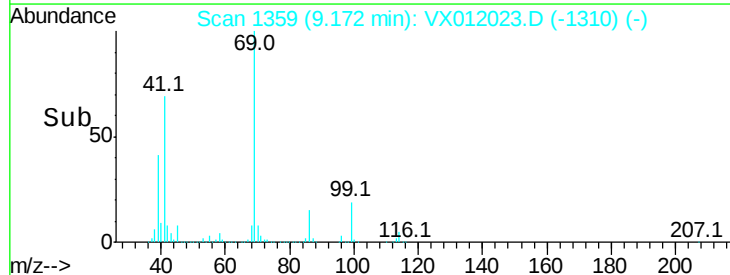
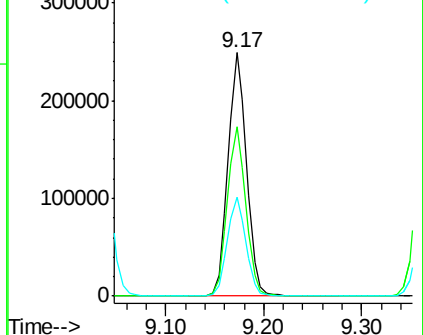


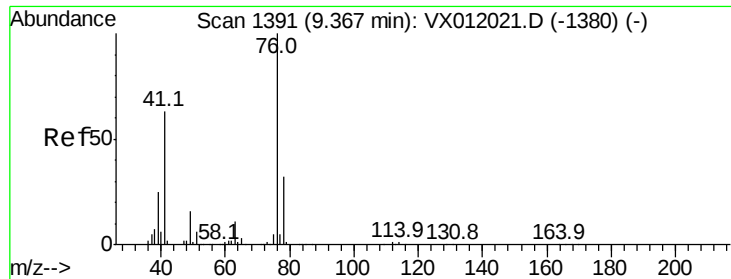
#56  
 Ethyl methacrylate  
 Concen: 204.169 ug/l  
 RT: 9.17 min Scan# 1359  
 Delta R.T. -0.00 min  
 Lab File: VX012023.D  
 Acq: 03 Sep 2019 15:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 327906 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 69.6  | 53.9  | 80.9   |
| 39       | 40.7  | 31.1  | 46.7   |



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: 190.069 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

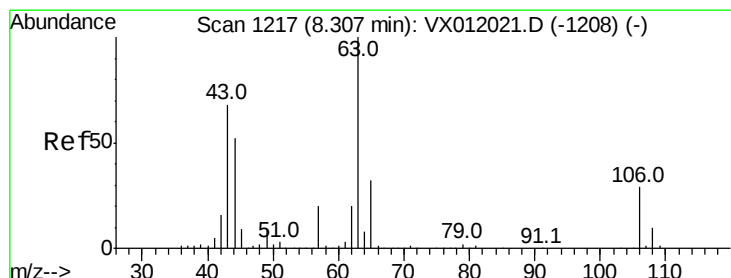
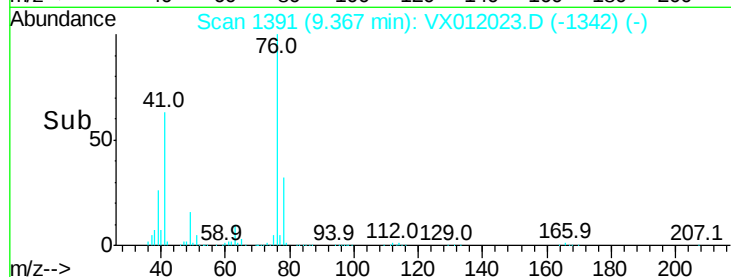
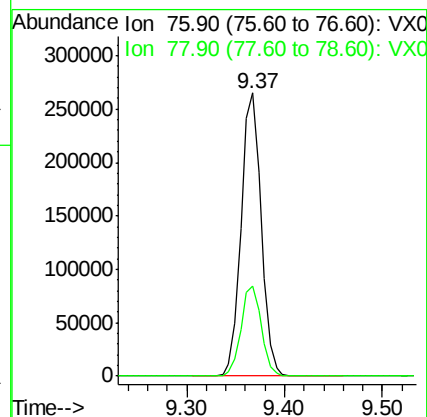
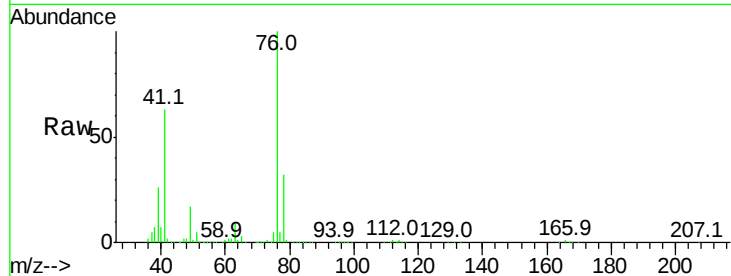
VSTDIC150

Tgt Ion: 76 Resp: 377508

Ion Ratio Lower Upper

76 100

78 32.3 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 923.877 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012023.D

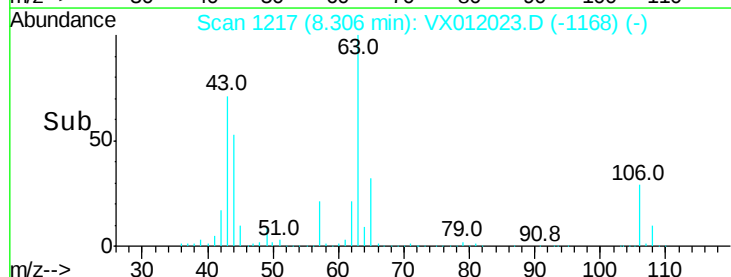
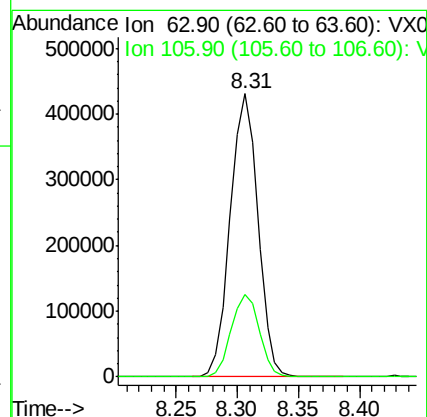
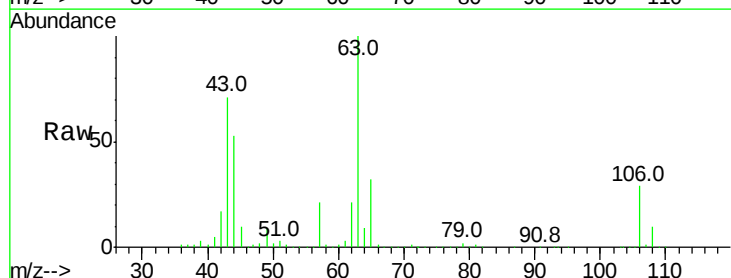
Acq: 03 Sep 2019 15:01

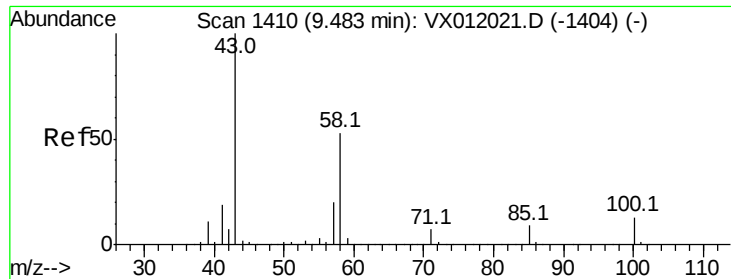
Tgt Ion: 63 Resp: 674281

Ion Ratio Lower Upper

63 100

106 29.4 26.5 39.7

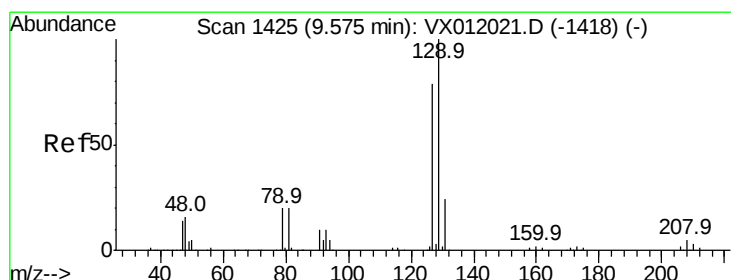
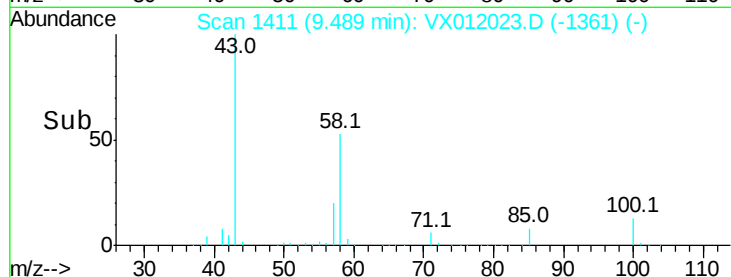
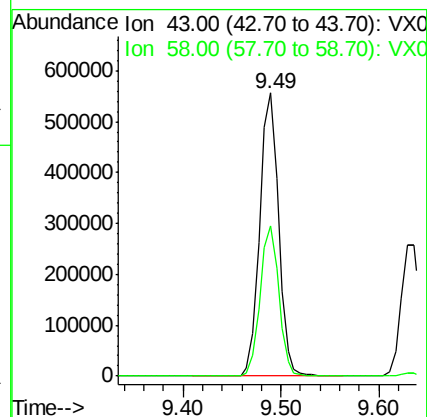
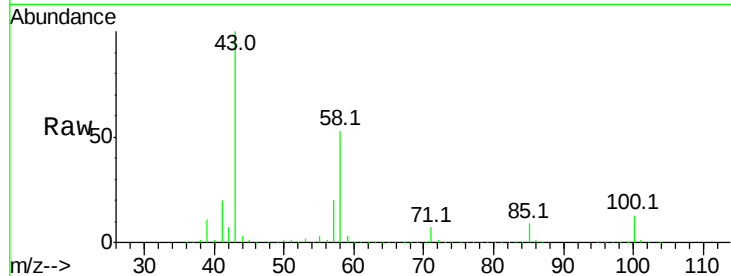




#59  
2-Hexanone  
Concen: 1060.165 ug/l  
RT: 9.49 min Scan# 1411  
Delta R.T. 0.01 min  
Lab File: VX012023.D  
Acq: 03 Sep 2019 15:01

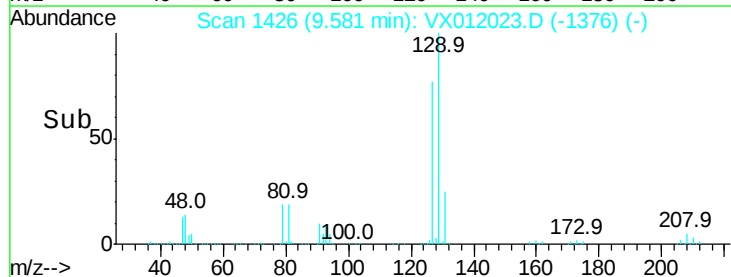
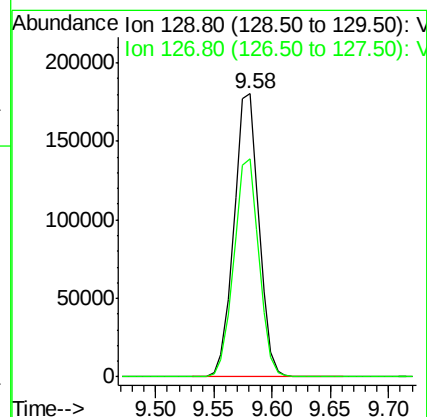
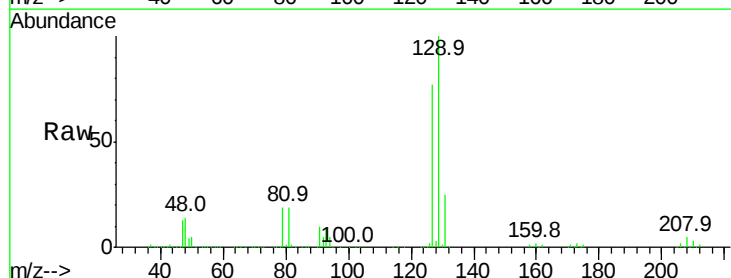
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

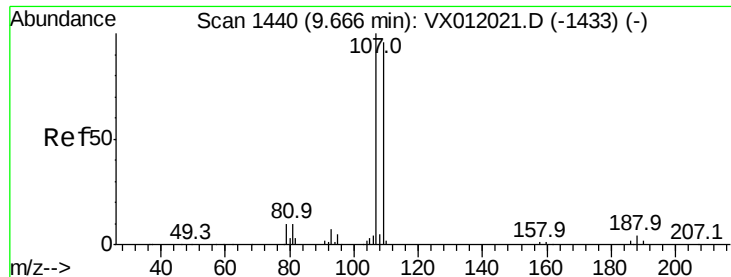
Tgt Ion: 43 Resp: 746348  
Ion Ratio Lower Upper  
43 100  
58 53.1 27.2 81.6



#60  
Dibromochloromethane  
Concen: 159.937 ug/l  
RT: 9.58 min Scan# 1426  
Delta R.T. 0.01 min  
Lab File: VX012023.D  
Acq: 03 Sep 2019 15:01

Tgt Ion: 129 Resp: 268882  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.1 114.5





#61

1,2-Dibromoethane

Concen: 179.749 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

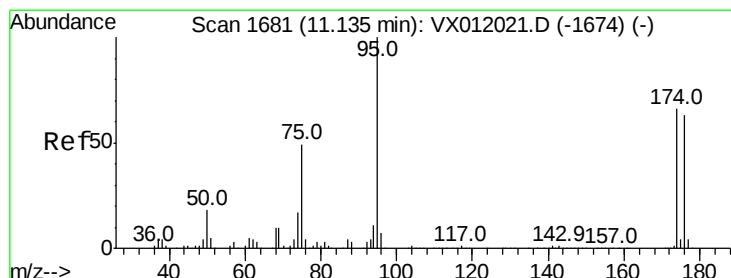
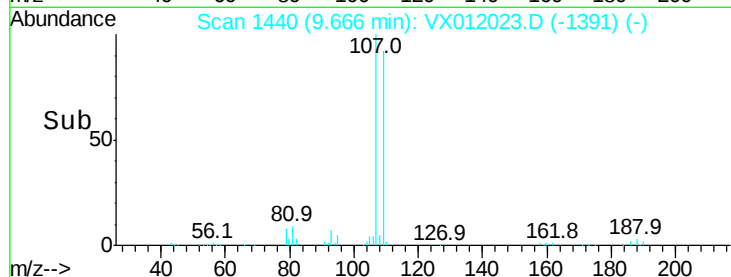
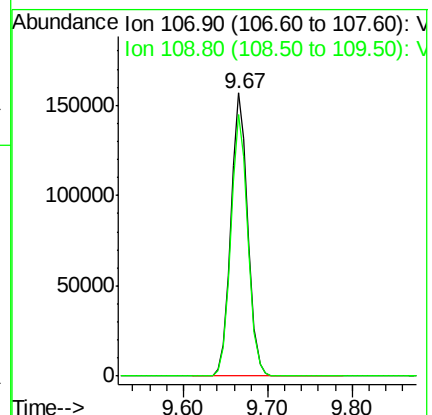
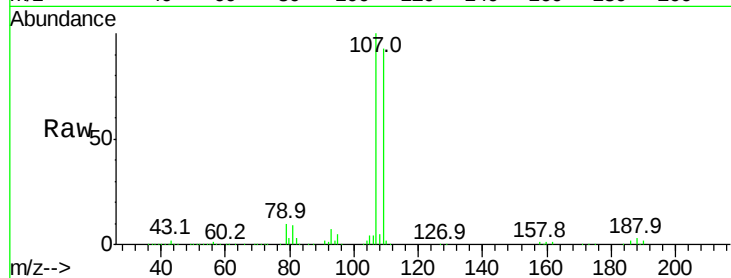
VSTDIC150

Tgt Ion: 107 Resp: 216522

Ion Ratio Lower Upper

107 100

109 93.0 76.9 115.3



#62

4-Bromofluorobenzene

Concen: 153.111 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

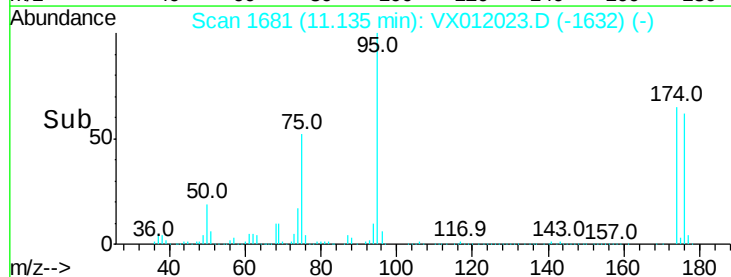
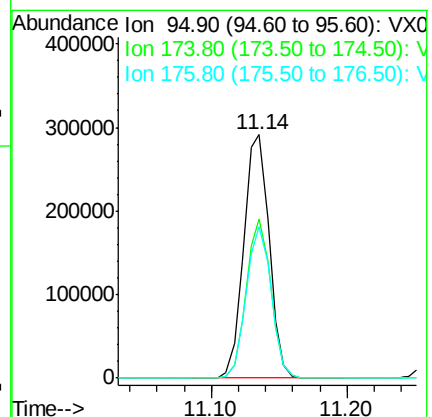
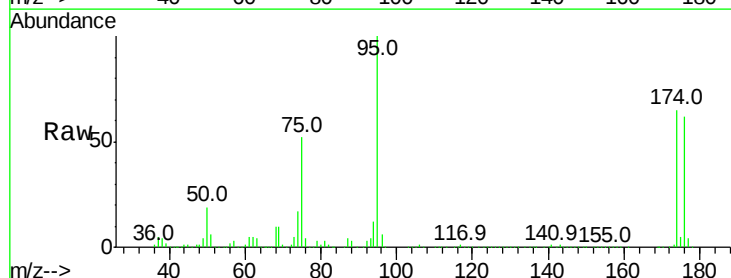
Tgt Ion: 95 Resp: 380041

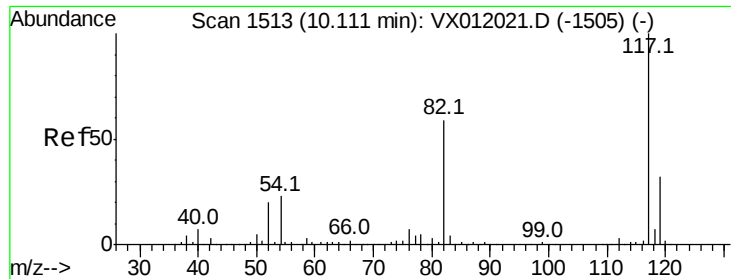
Ion Ratio Lower Upper

95 100

174 63.2 0.0 205.4

176 61.2 0.0 201.8

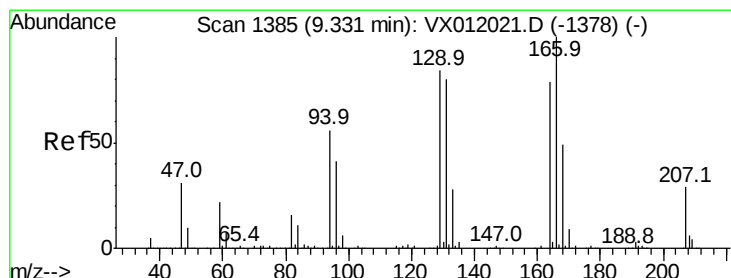
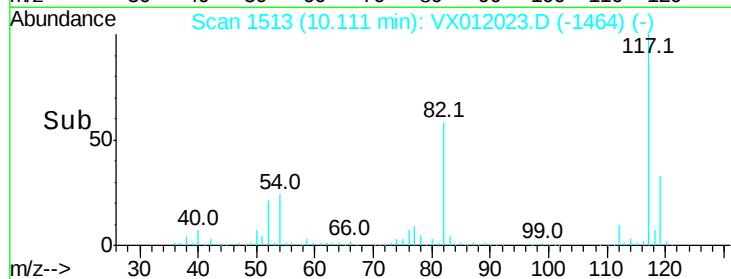
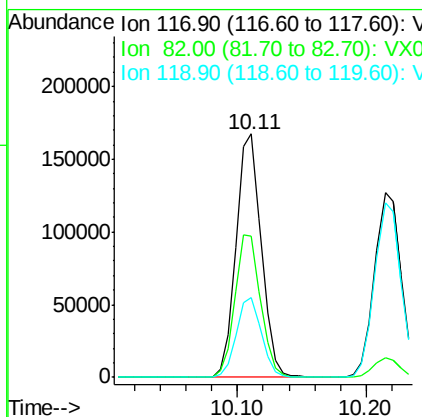
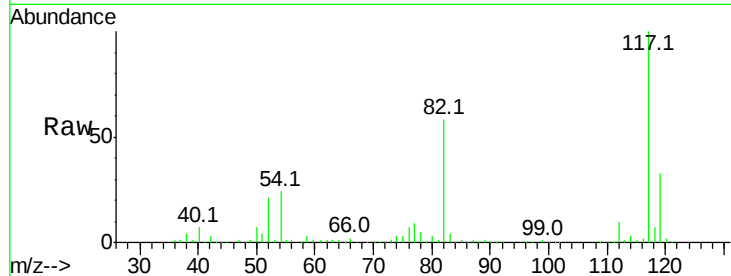




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1513  
Delta R.T. -0.00 min  
Lab File: VX012023.D  
Acq: 03 Sep 2019 15:01

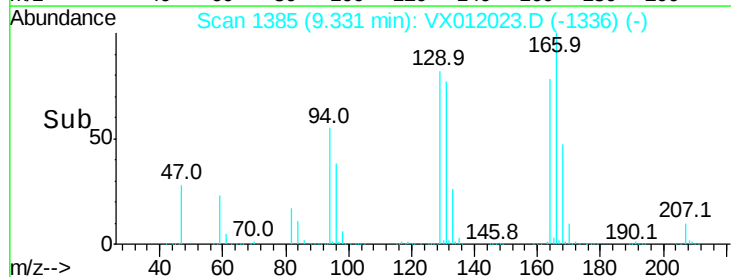
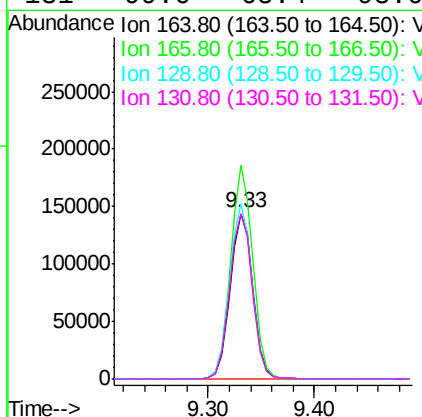
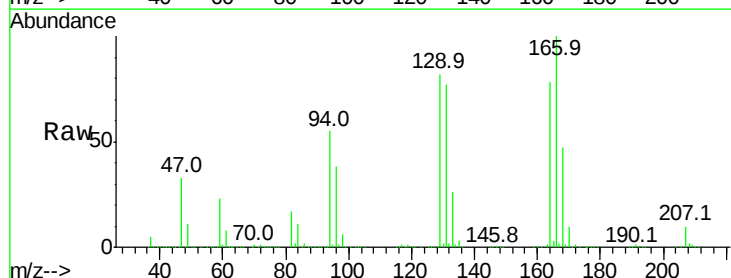
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

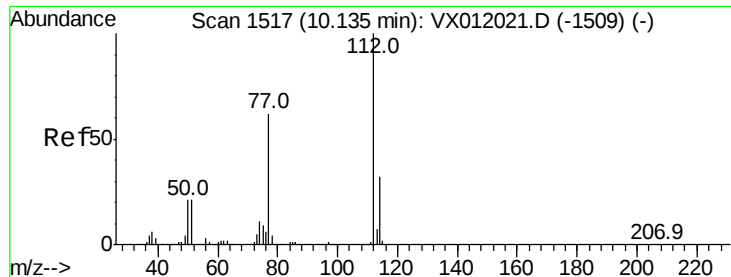
Tgt Ion:117 Resp: 227950  
Ion Ratio Lower Upper  
117 100  
82 58.0 39.4 59.0  
119 32.7 26.1 39.1



#64  
Tetrachloroethene  
Concen: 114.430 ug/l  
RT: 9.33 min Scan# 1385  
Delta R.T. -0.00 min  
Lab File: VX012023.D  
Acq: 03 Sep 2019 15:01

Tgt Ion:164 Resp: 214675  
Ion Ratio Lower Upper  
164 100  
166 128.8 104.3 156.5  
129 105.7 68.3 102.5#  
131 99.6 65.4 98.0#





#65

Chlorobenzene

Concen: 164.508 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

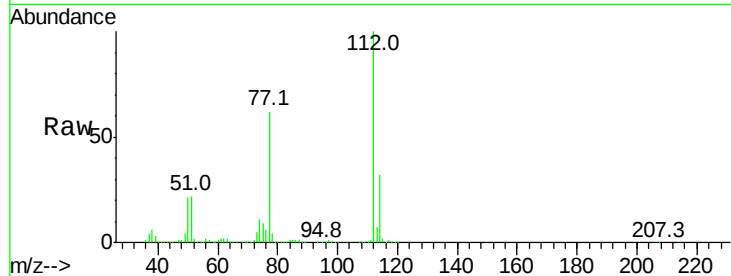
VSTDIC150

Tgt Ion:112 Resp: 707884

Ion Ratio Lower Upper

112 100

114 31.7 26.2 39.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

500000

400000

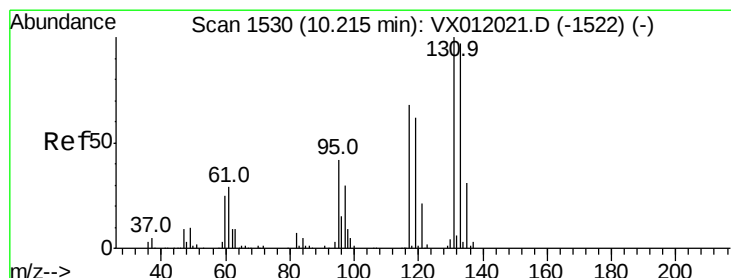
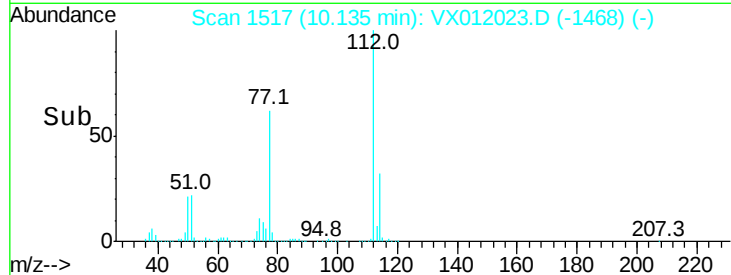
300000

200000

100000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 153.037 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

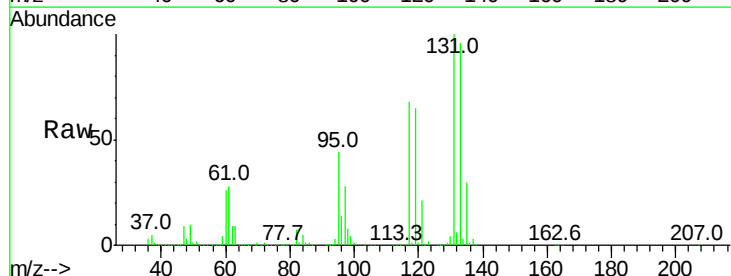
Tgt Ion:131 Resp: 264266

Ion Ratio Lower Upper

131 100

133 95.4 48.4 145.0

119 64.1 30.5 91.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

250000

200000

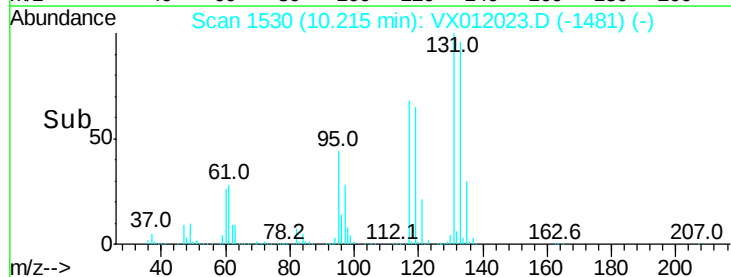
150000

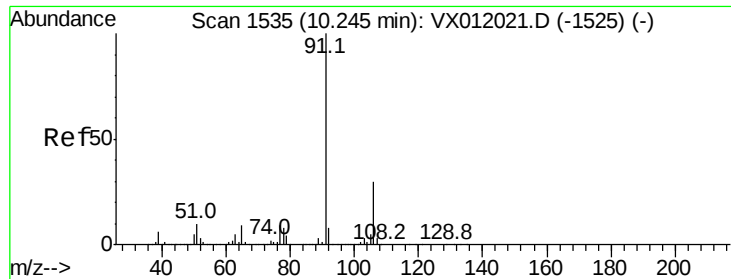
100000

50000

0

Time--> 10.20 10.30

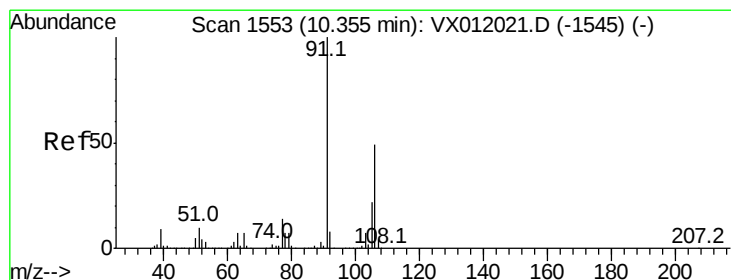
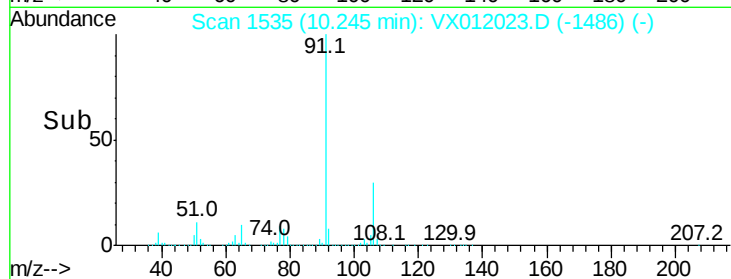
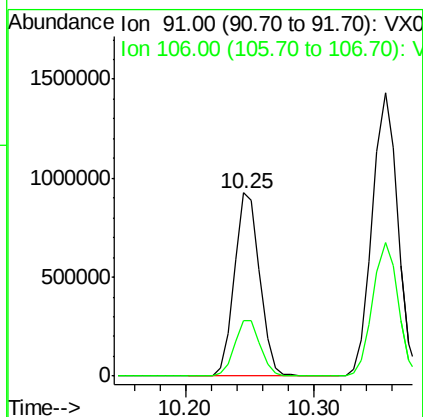
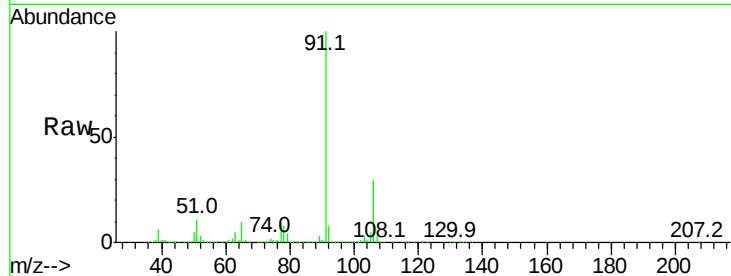




#67  
Ethyl Benzene  
Concen: 175.169 ug/l  
RT: 10.25 min Scan# 1535  
Delta R.T. -0.00 min  
Lab File: VX012023.D  
Acq: 03 Sep 2019 15:01

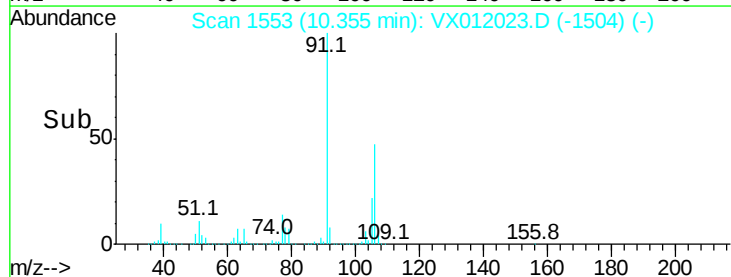
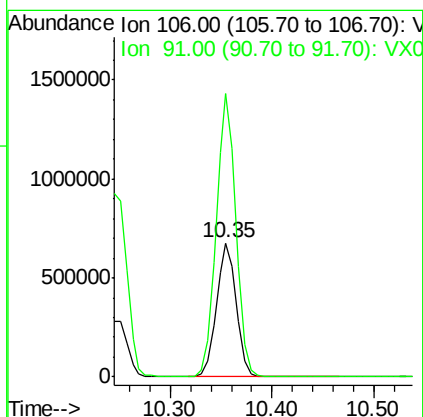
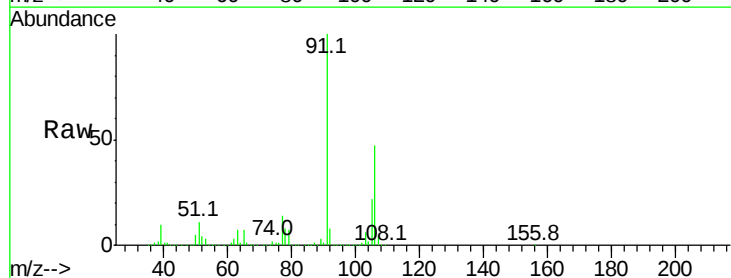
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

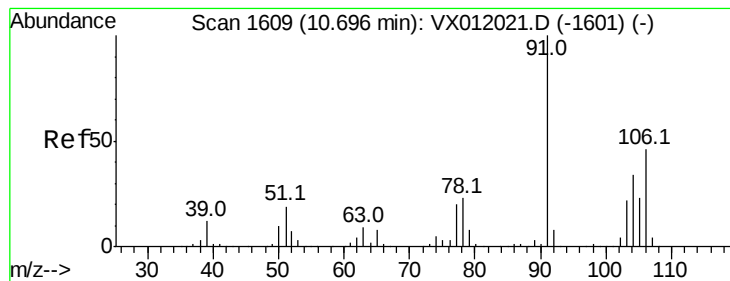
Tgt Ion: 91 Resp: 1273428  
Ion Ratio Lower Upper  
91 100  
106 30.4 25.8 38.8



#68  
m/p-Xylenes  
Concen: 321.732 ug/l  
RT: 10.35 min Scan# 1553  
Delta R.T. -0.00 min  
Lab File: VX012023.D  
Acq: 03 Sep 2019 15:01

Tgt Ion: 106 Resp: 918420  
Ion Ratio Lower Upper  
106 100  
91 210.8 157.5 236.3





#69

o-Xylene

Concen: 165.860 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

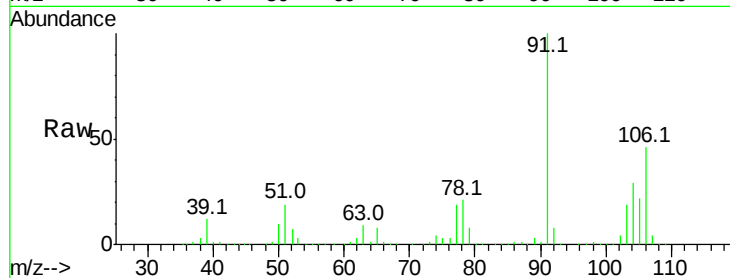
VSTDIC150

Tgt Ion:106 Resp: 459284

Ion Ratio Lower Upper

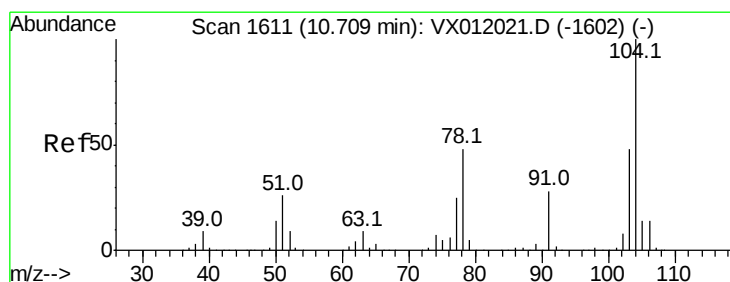
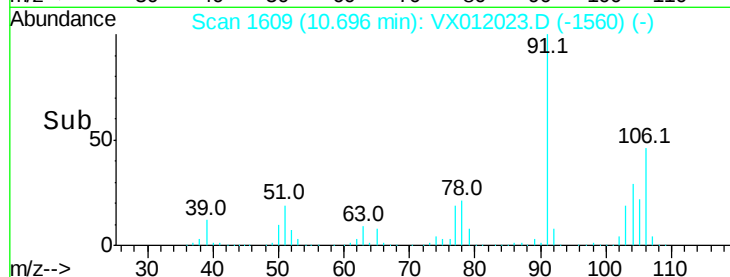
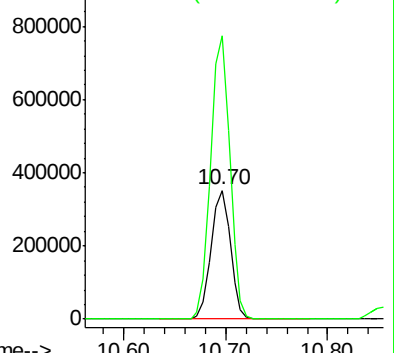
106 100

91 218.6 103.5 310.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 171.583 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

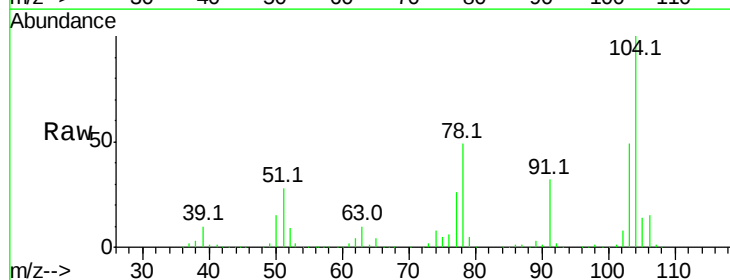
Tgt Ion:104 Resp: 815212

Ion Ratio Lower Upper

104 100

78 54.5 39.1 58.7

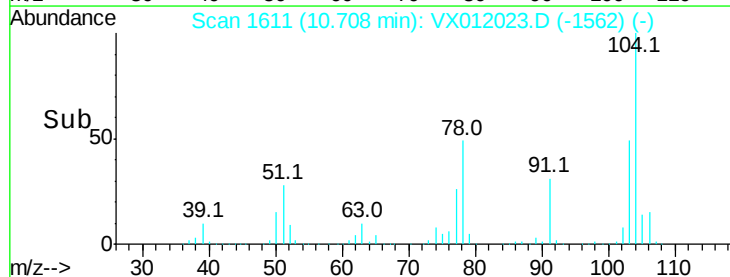
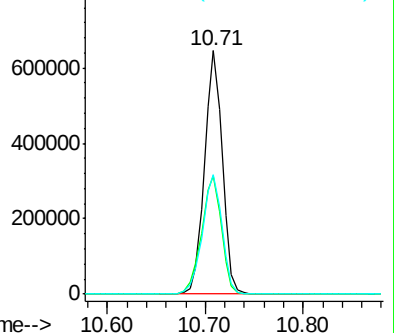
103 53.9 43.4 65.2

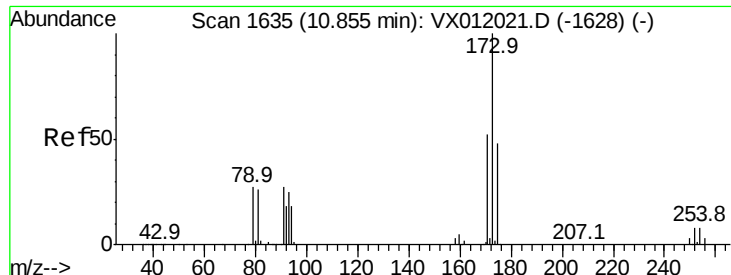


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 126.571 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Instrument :

MSVOA\_X

ClientSampled :

VSTDIC150

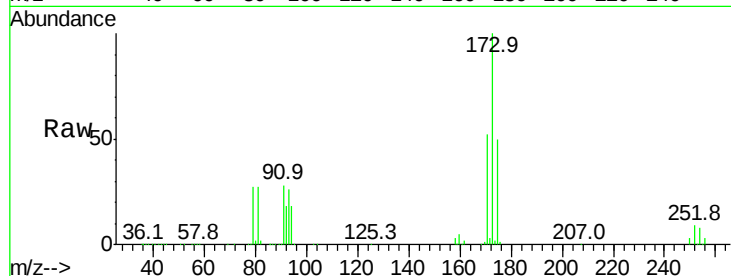
Tgt Ion:173 Resp: 151648

Ion Ratio Lower Upper

173 100

175 48.9 24.9 74.7

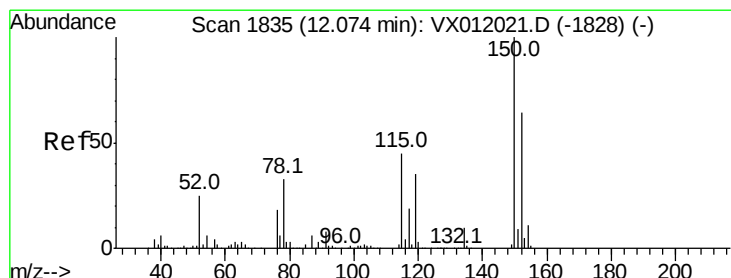
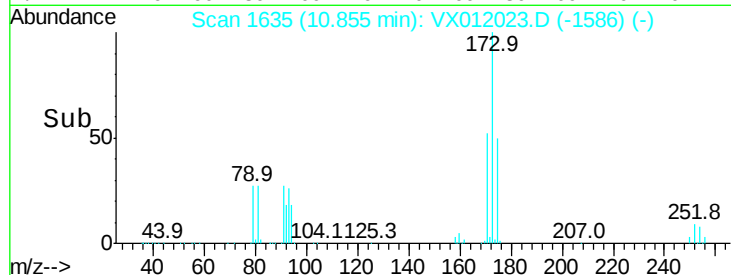
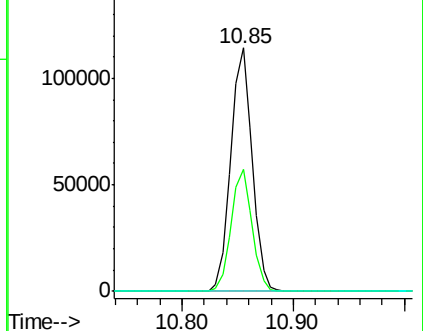
254 0.1 0.1 0.1



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: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

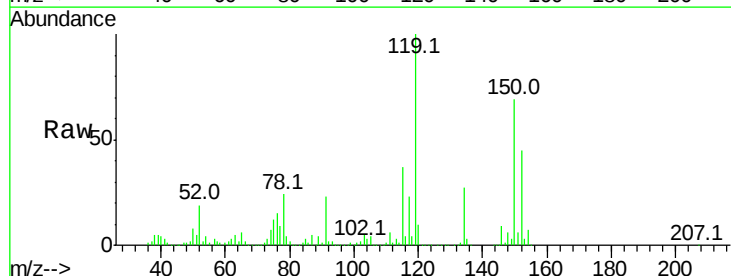
Tgt Ion:152 Resp: 109944

Ion Ratio Lower Upper

152 100

115 145.3 36.4 109.3#

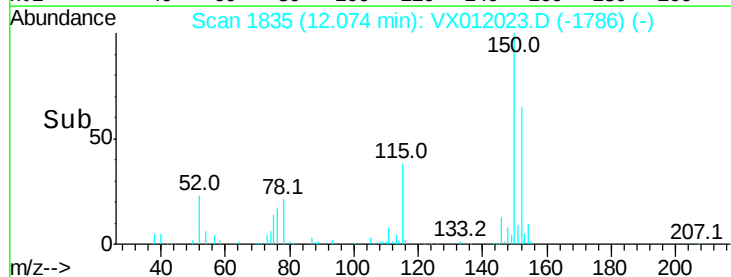
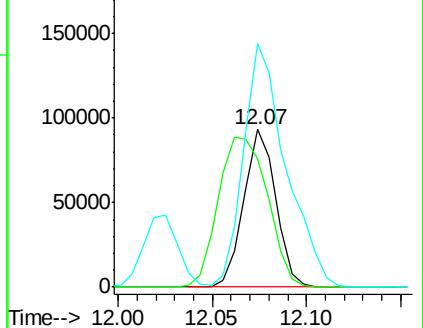
150 204.4 0.0 341.2

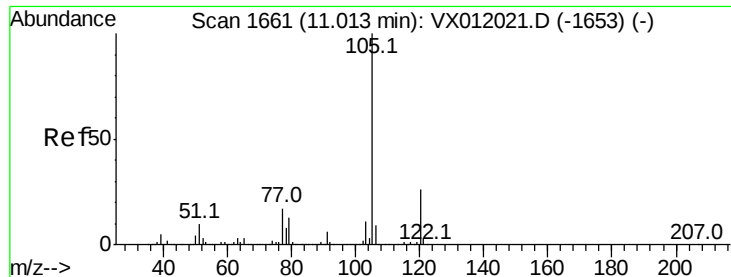


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 199.027 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

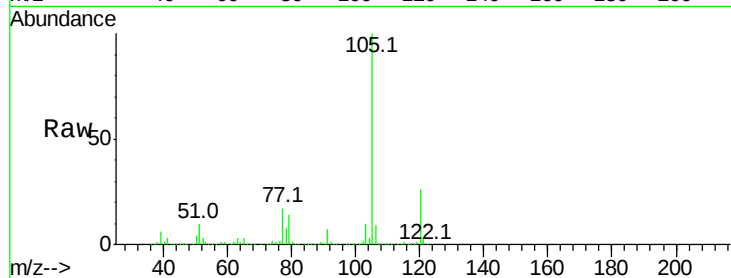
VSTDIC150

Tgt Ion:105 Resp: 1221095

Ion Ratio Lower Upper

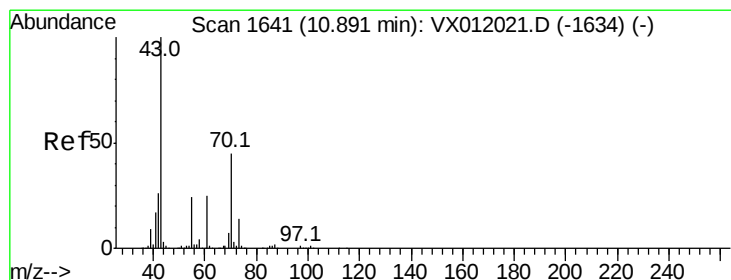
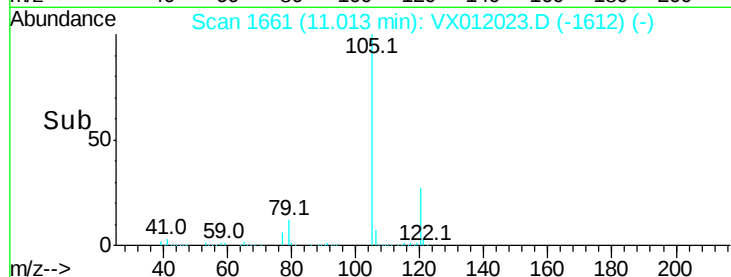
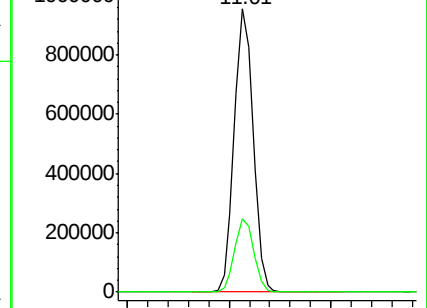
105 100

120 26.1 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 261.119 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Tgt Ion: 43 Resp: 399480

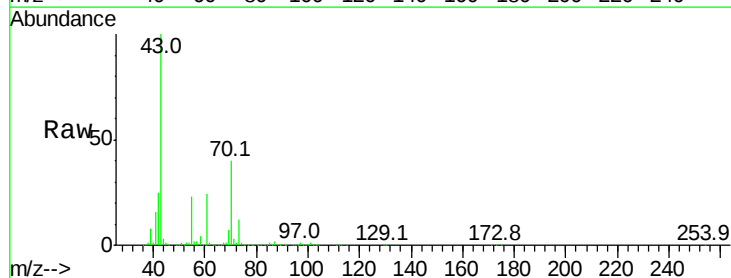
Ion Ratio Lower Upper

43 100

70 41.6 34.4 51.6

55 23.1 18.5 27.7

61 23.9 19.5 29.3

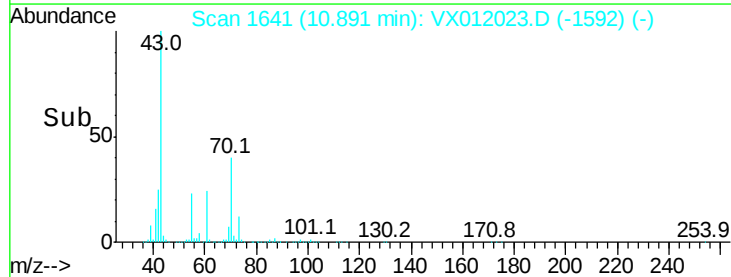
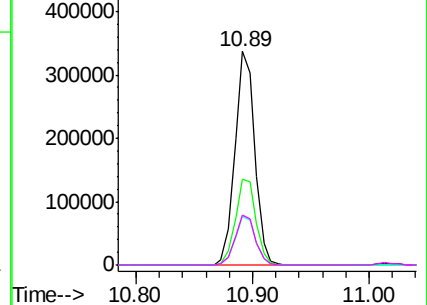


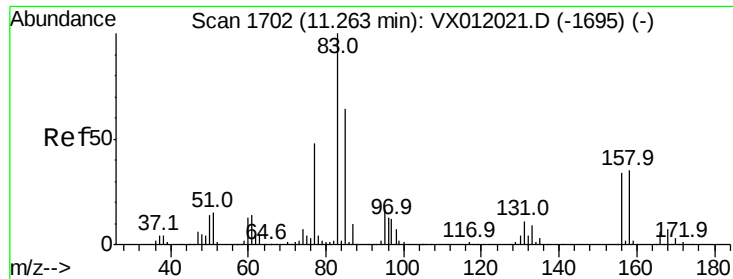
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 239.058 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

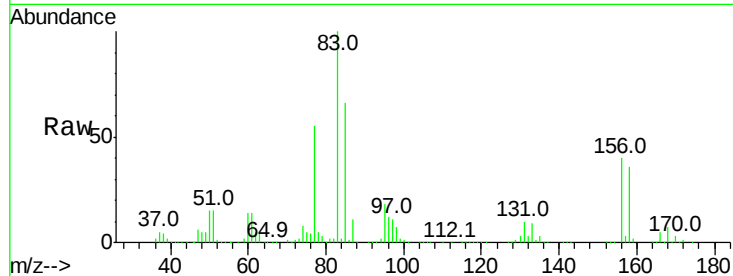
Tgt Ion: 83 Resp: 268513

Ion Ratio Lower Upper

83 100

131 10.6 6.3 19.1

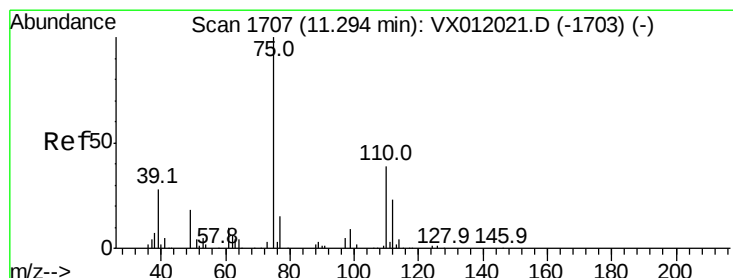
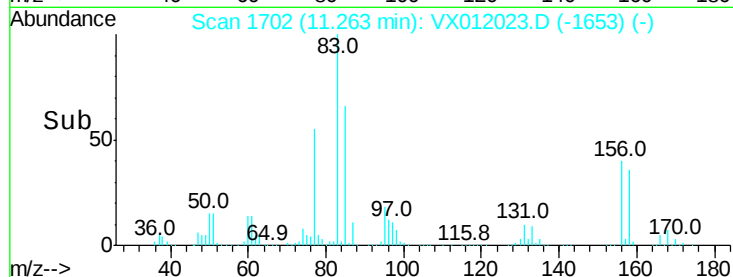
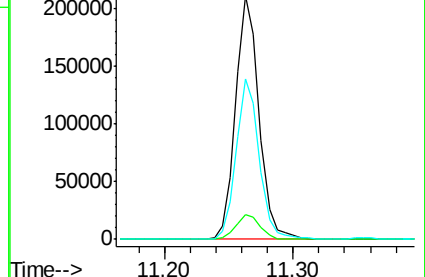
85 64.8 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 350.781 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012023.D

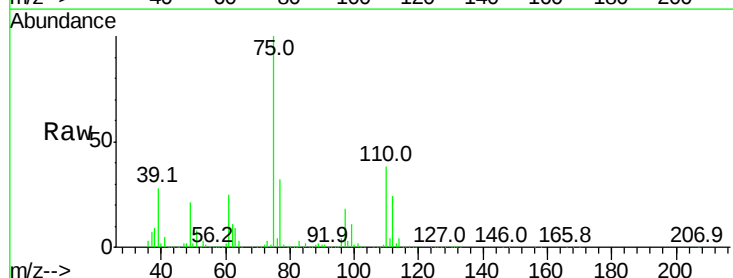
Acq: 03 Sep 2019 15:01

Tgt Ion: 75 Resp: 305283

Ion Ratio Lower Upper

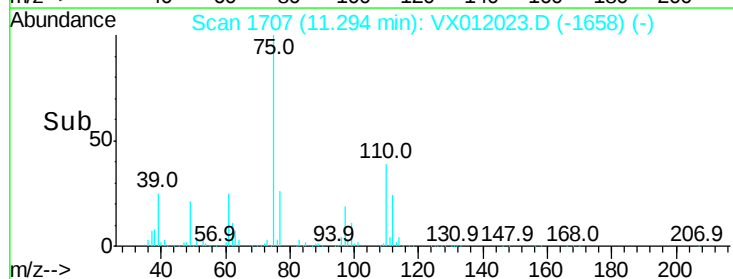
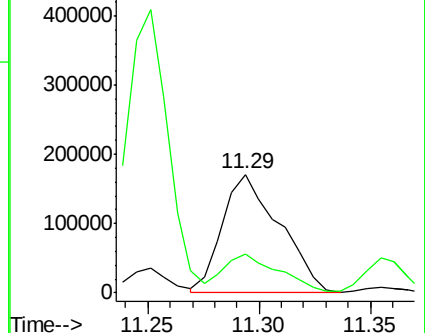
75 100

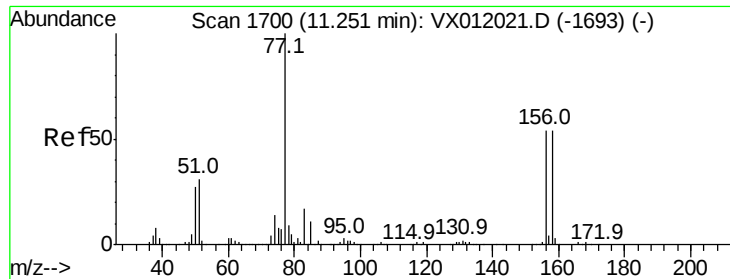
77 31.7 23.5 70.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

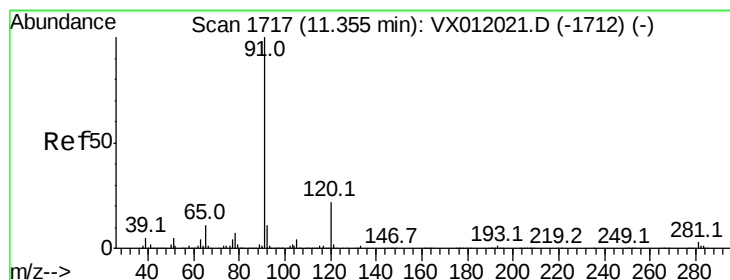
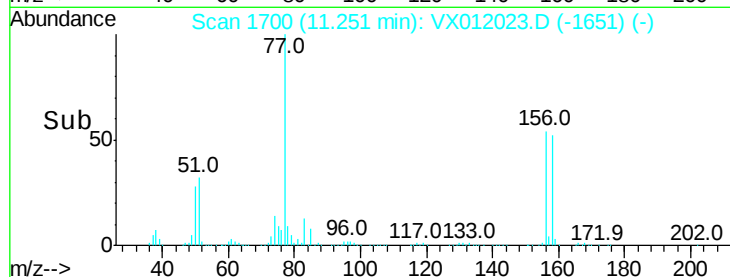
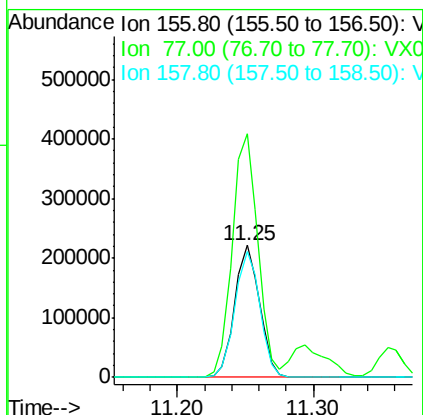
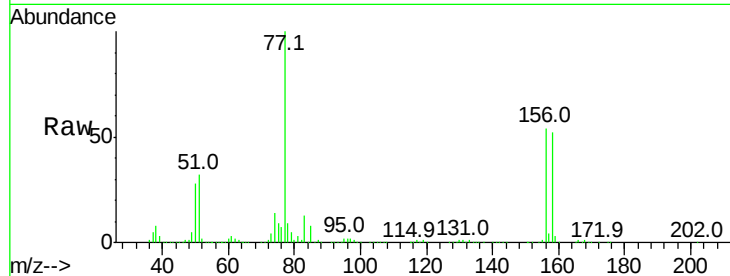




#77  
Bromobenzene  
Concen: 157.456 ug/l  
RT: 11.25 min Scan# 1700  
Delta R.T. -0.00 min  
Lab File: VX012023.D  
Acq: 03 Sep 2019 15:01

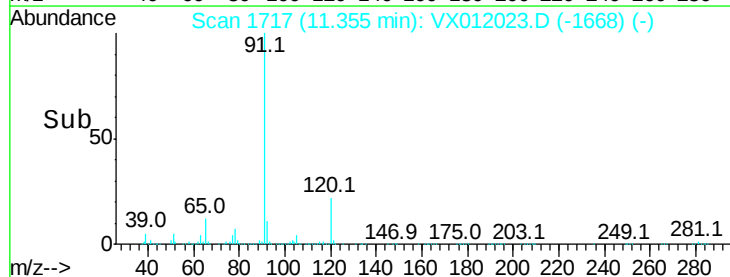
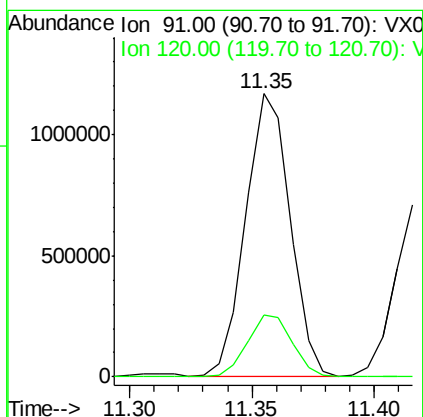
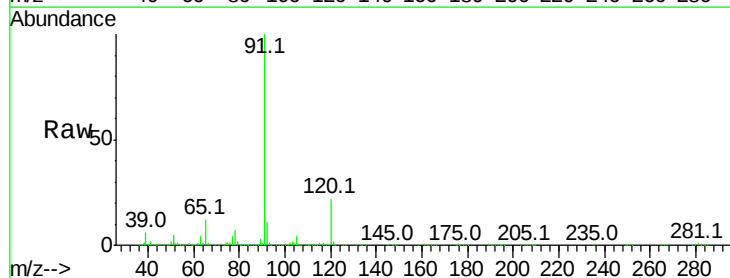
Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDIC150

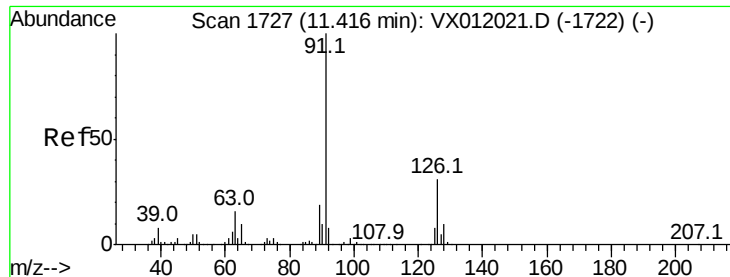
Tgt Ion:156 Resp: 282458  
Ion Ratio Lower Upper  
156 100  
77 189.2 63.4 190.2  
158 96.2 48.9 146.6



#78  
n-propylbenzene  
Concen: 212.873 ug/l  
RT: 11.35 min Scan# 1717  
Delta R.T. -0.00 min  
Lab File: VX012023.D  
Acq: 03 Sep 2019 15:01

Tgt Ion: 91 Resp: 1469706  
Ion Ratio Lower Upper  
91 100  
120 22.3 12.7 38.0





#79

2-Chlorotoluene

Concen: 219.701 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Instrument :

MSVOA\_X

ClientSampled :

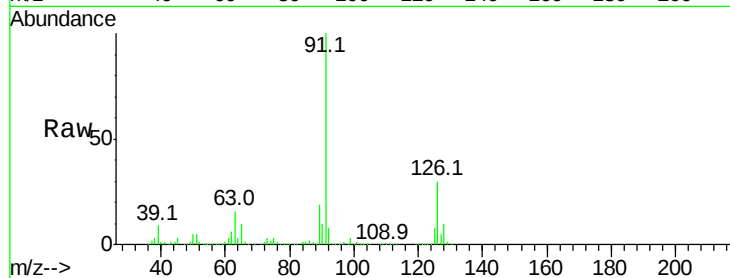
VSTDIC150

Tgt Ion: 91 Resp: 898006

Ion Ratio Lower Upper

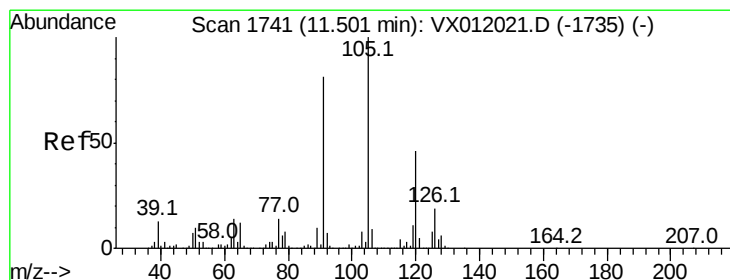
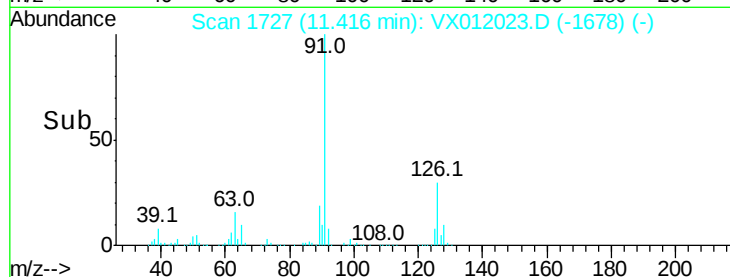
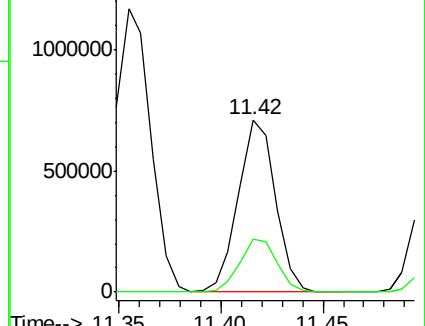
91 100

126 31.3 18.6 55.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 199.252 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX012023.D

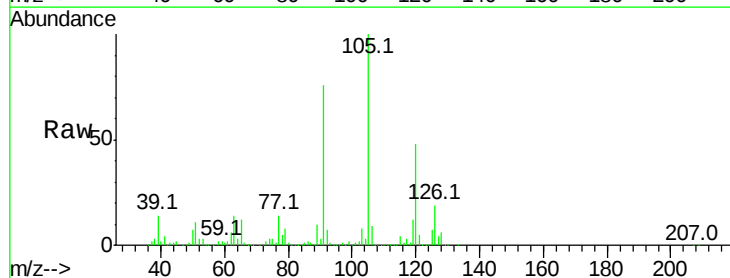
Acq: 03 Sep 2019 15:01

Tgt Ion: 105 Resp: 1054548

Ion Ratio Lower Upper

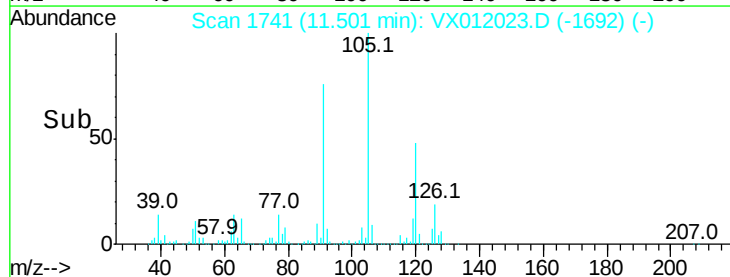
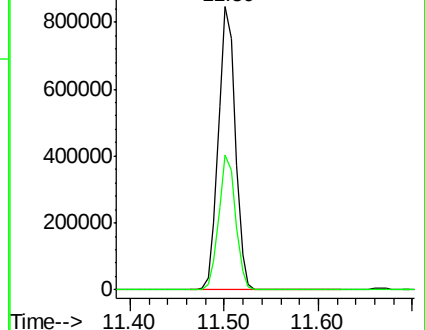
105 100

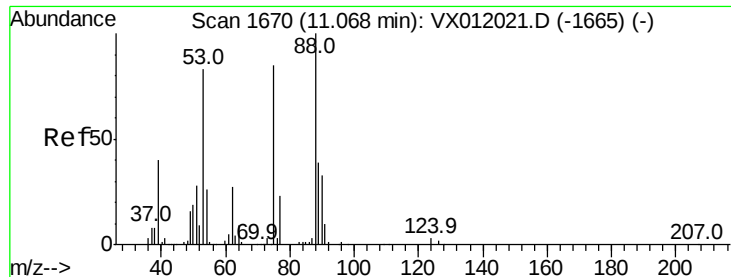
120 47.2 25.8 77.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 257.808 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

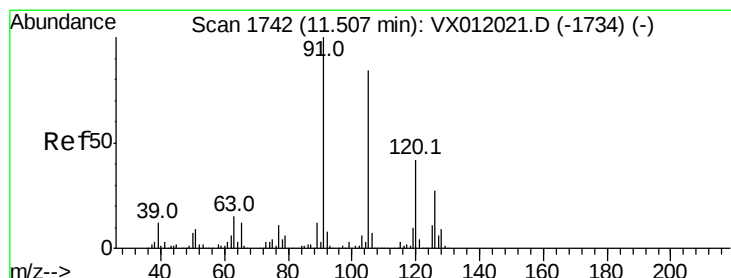
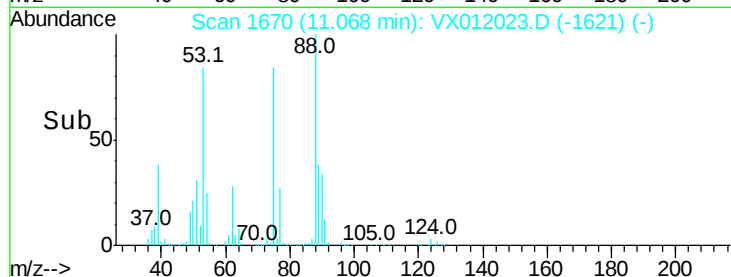
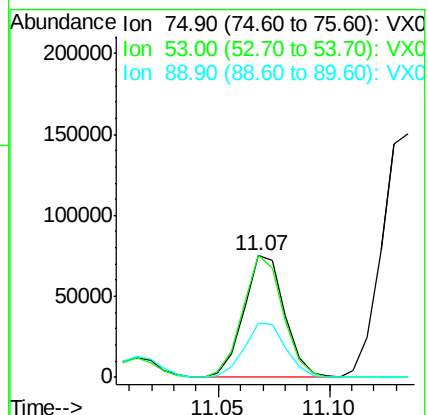
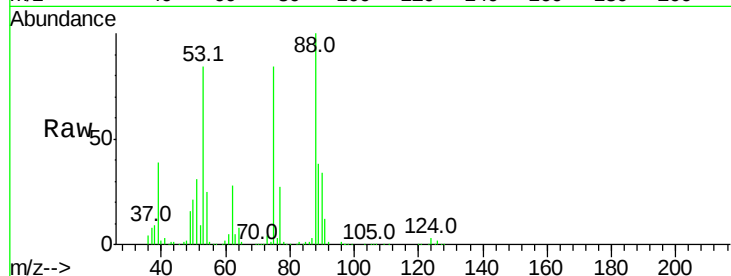
Tgt Ion: 75 Resp: 95110

Ion Ratio Lower Upper

75 100

53 99.2 78.6 117.8

89 46.2 38.8 58.2



#82

4-Chlorotoluene

Concen: 214.771 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012023.D

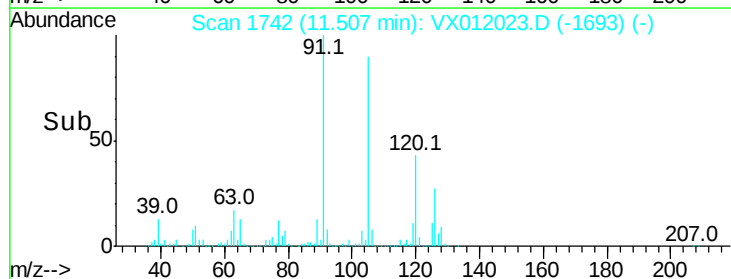
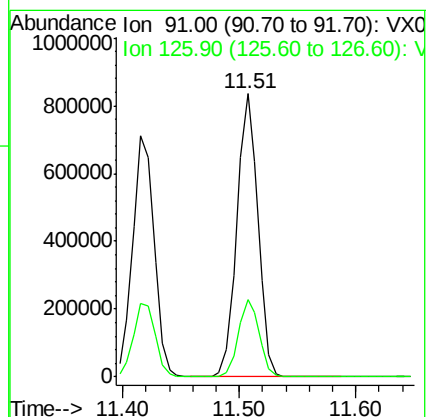
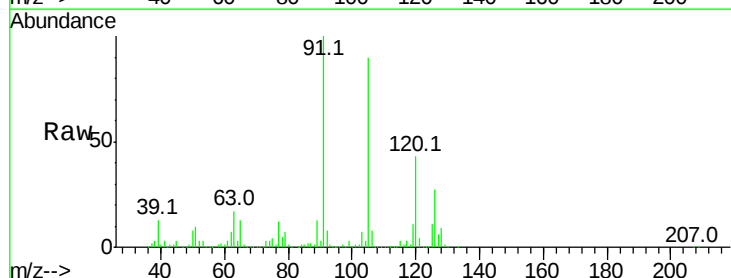
Acq: 03 Sep 2019 15:01

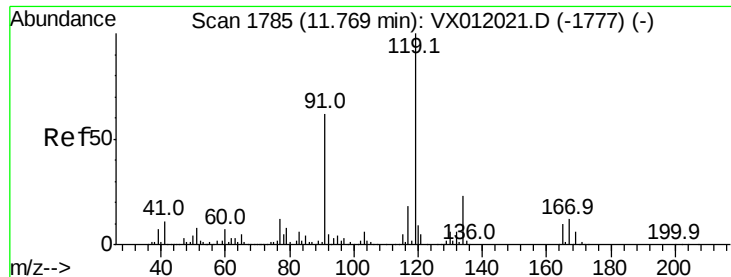
Tgt Ion: 91 Resp: 1053358

Ion Ratio Lower Upper

91 100

126 27.2 16.2 48.6

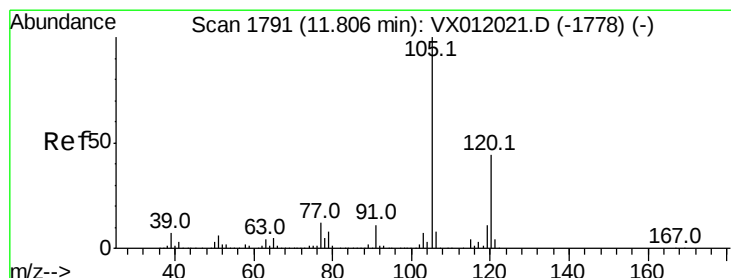
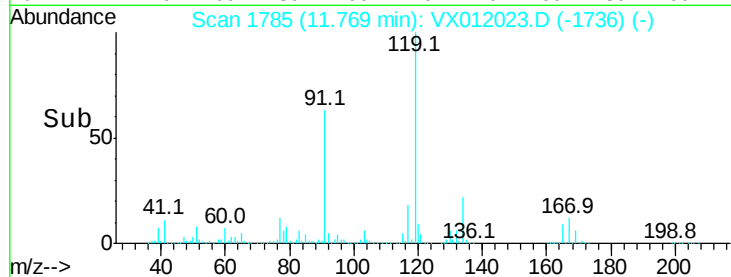
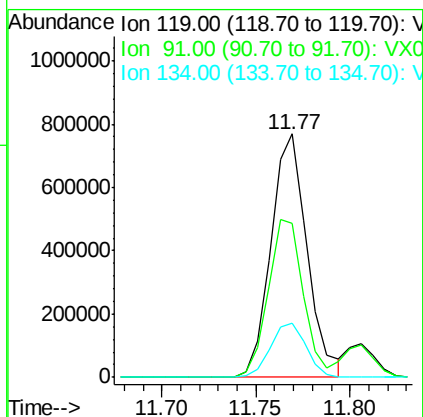
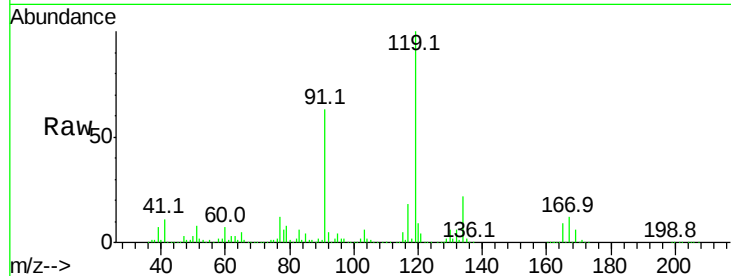




#83  
 tert-Butylbenzene  
 Concen: 187.066 ug/l  
 RT: 11.77 min Scan# 1785  
 Delta R.T. -0.00 min  
 Lab File: VX012023.D  
 Acq: 03 Sep 2019 15:01

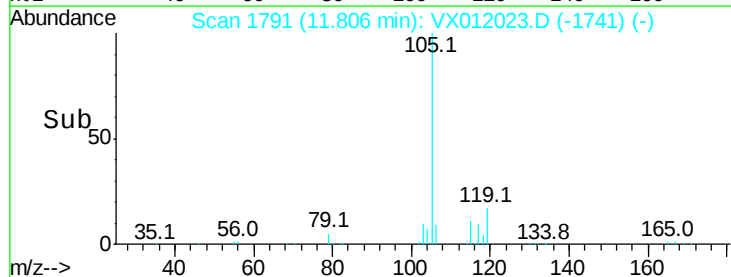
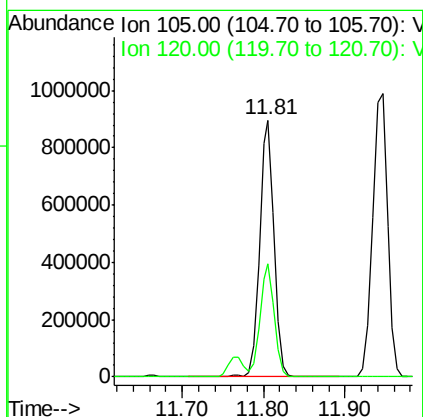
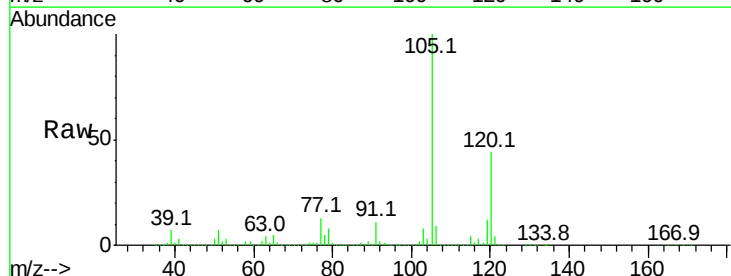
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

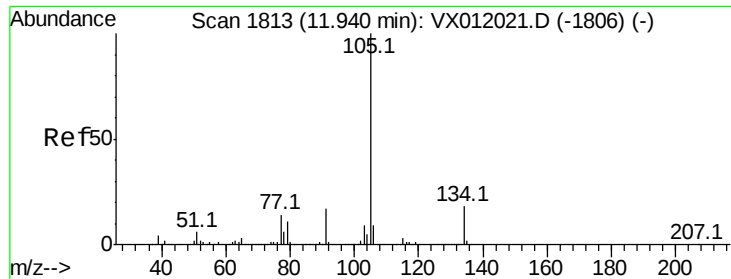
Tgt Ion:119 Resp: 1023354  
 Ion Ratio Lower Upper  
 119 100  
 91 62.8 27.1 81.2  
 134 22.2 12.1 36.3



#84  
 1,2,4-Trimethylbenzene  
 Concen: 208.787 ug/l  
 RT: 11.81 min Scan# 1791  
 Delta R.T. 0.01 min  
 Lab File: VX012023.D  
 Acq: 03 Sep 2019 15:01

Tgt Ion:105 Resp: 1119843  
 Ion Ratio Lower Upper  
 105 100  
 120 43.2 23.6 70.8

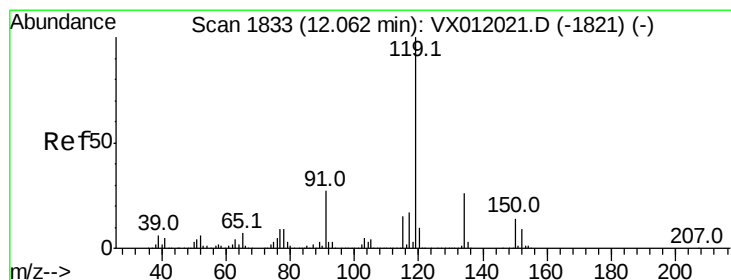
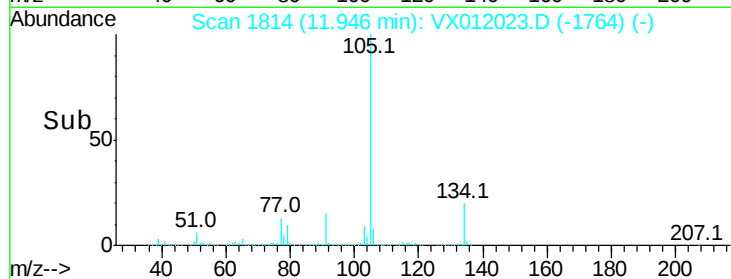
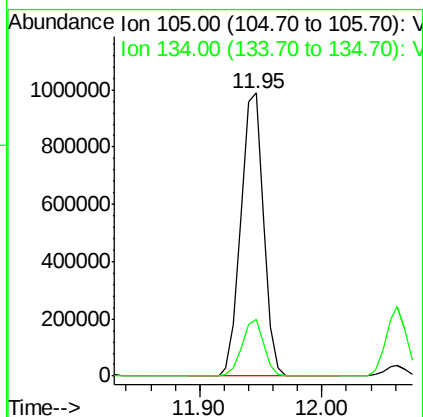
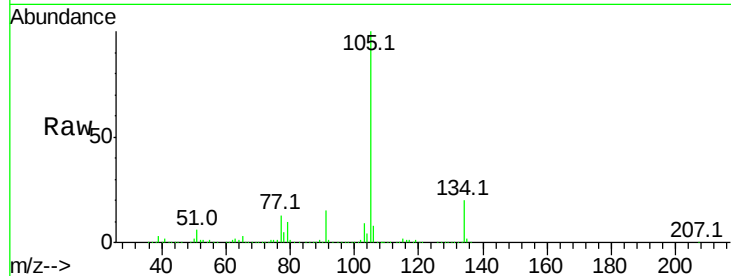




#85  
 sec-Butylbenzene  
 Concen: 200.422 ug/l  
 RT: 11.95 min Scan# 1814  
 Delta R.T. 0.01 min  
 Lab File: VX012023.D  
 Acq: 03 Sep 2019 15:01

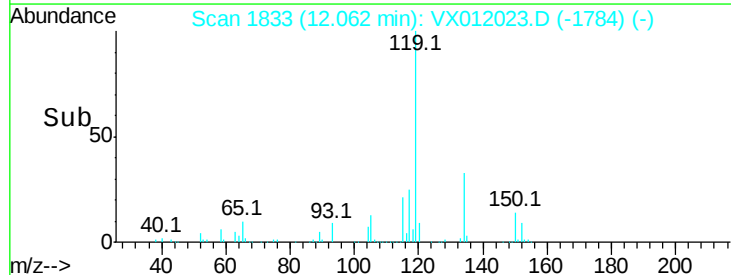
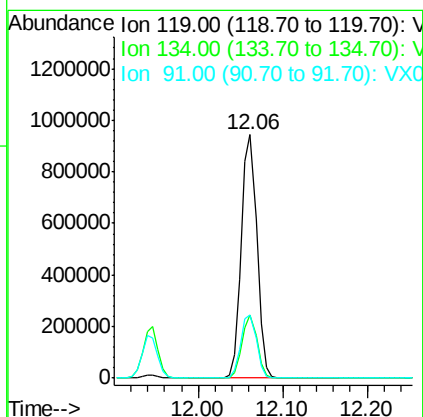
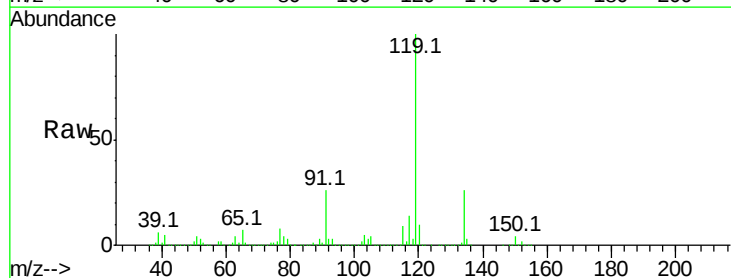
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDIC150

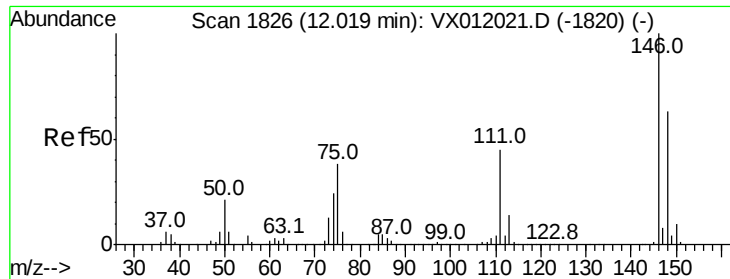
Tgt Ion:105 Resp: 1259413  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 11.2 33.6



#86  
 p-Isopropyltoluene  
 Concen: 187.672 ug/l  
 RT: 12.06 min Scan# 1833  
 Delta R.T. -0.00 min  
 Lab File: VX012023.D  
 Acq: 03 Sep 2019 15:01

Tgt Ion:119 Resp: 1154623  
 Ion Ratio Lower Upper  
 119 100  
 134 25.1 13.7 41.1  
 91 26.3 11.4 34.1

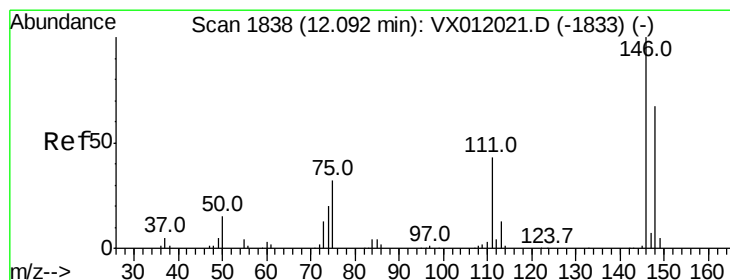
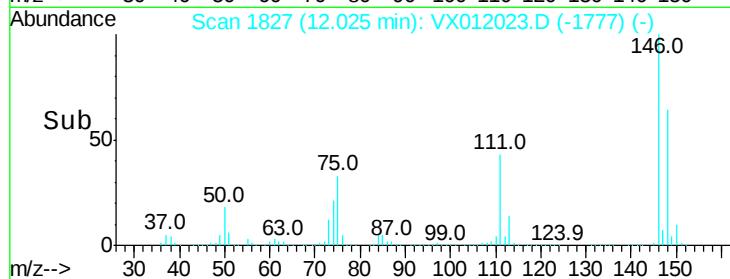
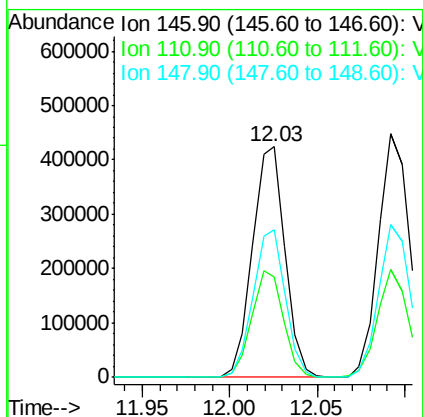
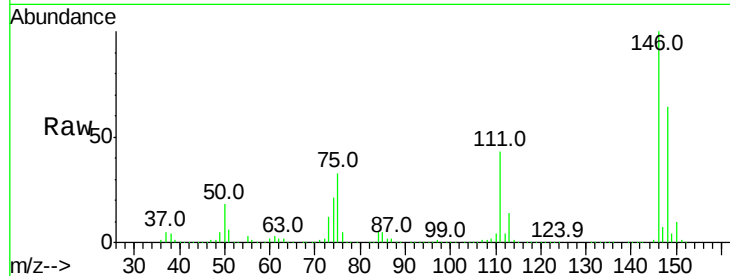




#87  
 1,3-Dichlorobenzene  
 Concen: 164.793 ug/l  
 RT: 12.03 min Scan# 1827  
 Delta R.T. 0.01 min  
 Lab File: VX012023.D  
 Acq: 03 Sep 2019 15:01

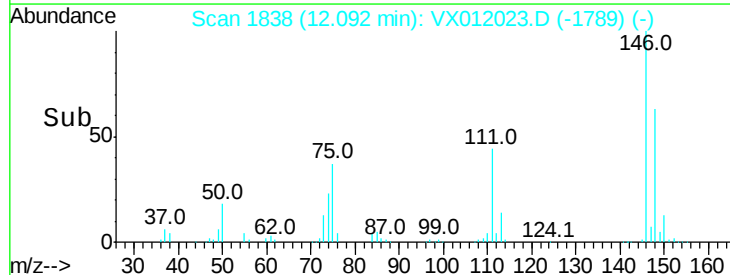
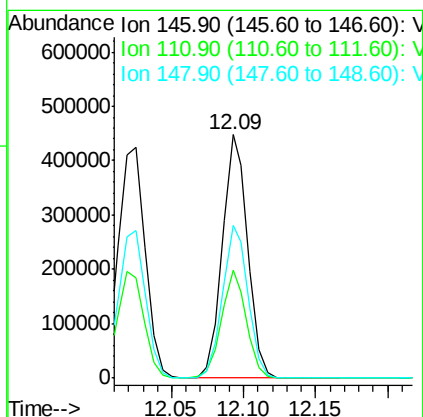
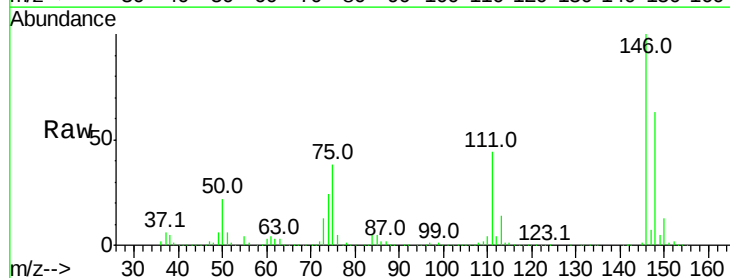
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

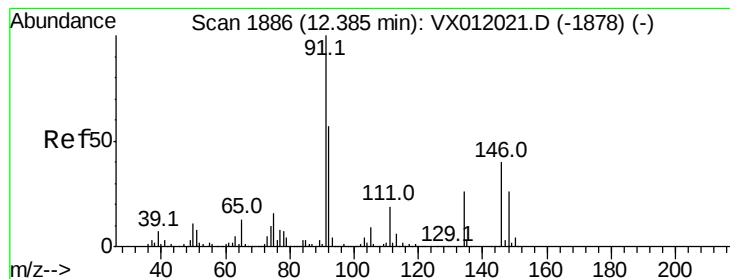
Tgt Ion:146 Resp: 554410  
 Ion Ratio Lower Upper  
 146 100  
 111 45.1 18.1 54.1  
 148 63.4 32.6 97.8



#88  
 1,4-Dichlorobenzene  
 Concen: 165.304 ug/l  
 RT: 12.09 min Scan# 1838  
 Delta R.T. -0.00 min  
 Lab File: VX012023.D  
 Acq: 03 Sep 2019 15:01

Tgt Ion:146 Resp: 552541  
 Ion Ratio Lower Upper  
 146 100  
 111 43.4 17.7 53.1  
 148 63.4 32.4 97.0





#89

n-Butylbenzene

Concen: 207.063 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

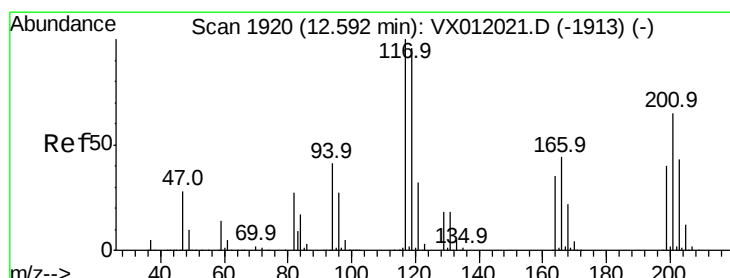
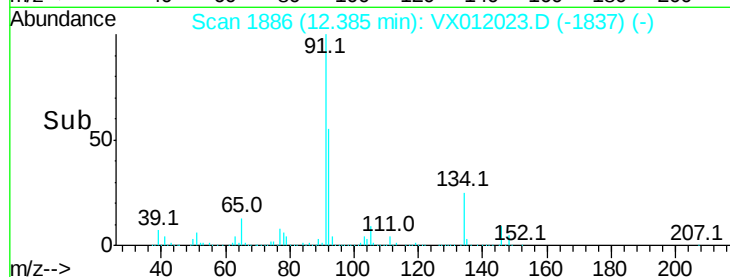
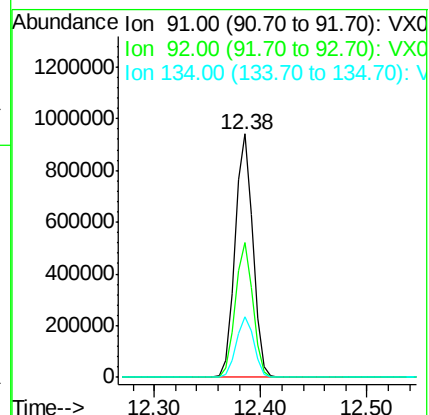
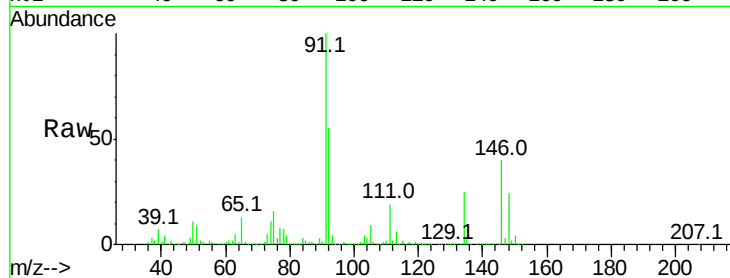
Tgt Ion: 91 Resp: 1103264

Ion Ratio Lower Upper

91 100

92 54.6 27.6 82.8

134 25.0 15.4 46.1



#90

Hexachloroethane

Concen: 205.512 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012023.D

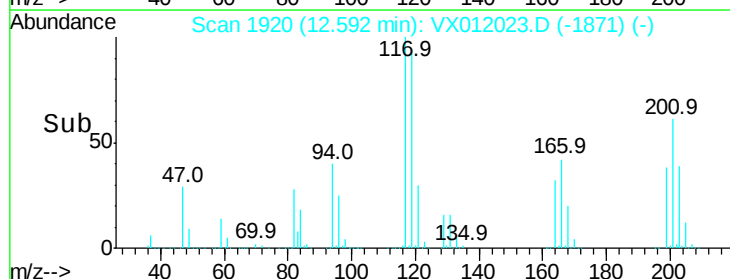
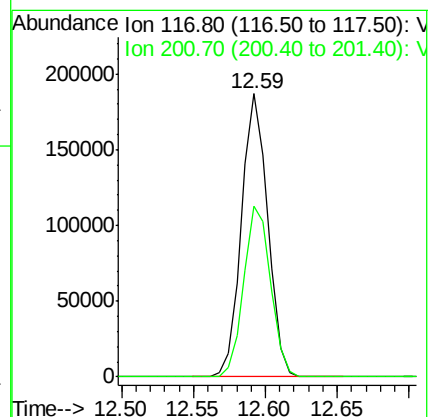
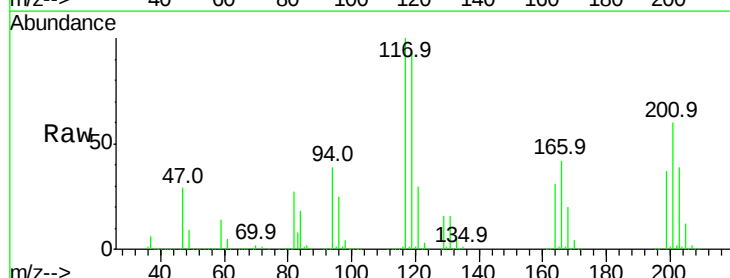
Acq: 03 Sep 2019 15:01

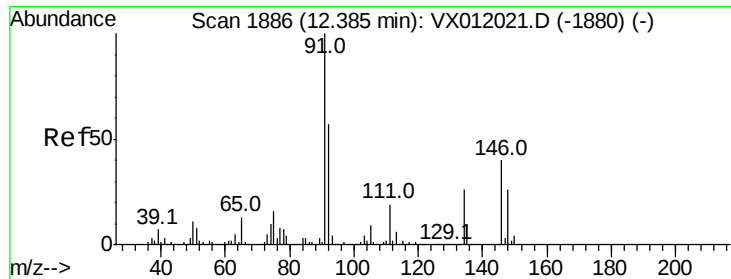
Tgt Ion: 117 Resp: 237380

Ion Ratio Lower Upper

117 100

201 61.6 55.0 165.2





#91

1,2-Dichlorobenzene

Concen: 164.664 ug/l

RT: 12.39 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

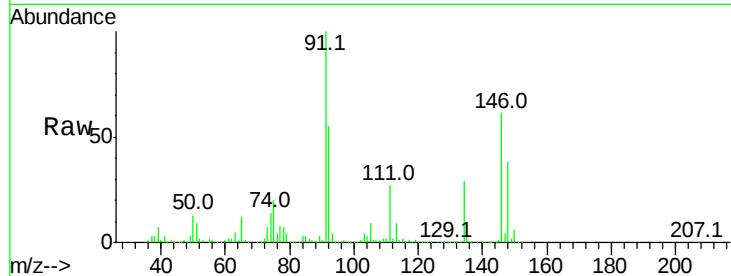
Tgt Ion:146 Resp: 500125

Ion Ratio Lower Upper

146 100

111 46.5 18.6 56.0

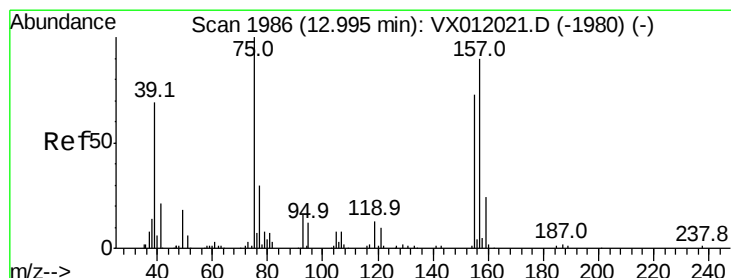
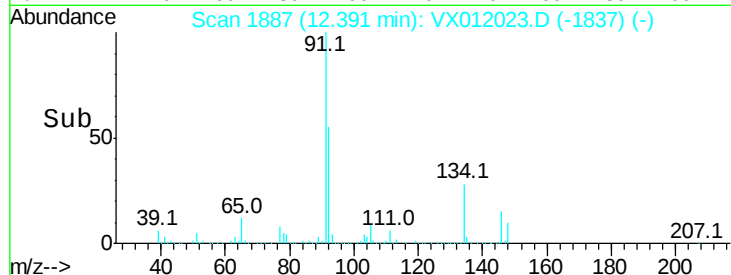
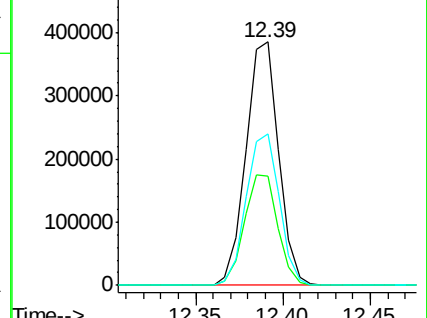
148 63.2 32.4 97.2



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: 257.857 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX012023.D

Acq: 03 Sep 2019 15:01

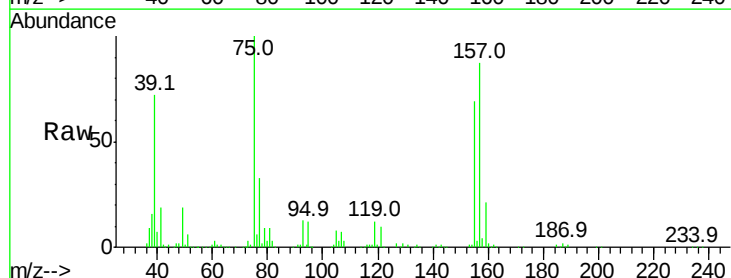
Tgt Ion: 75 Resp: 56866

Ion Ratio Lower Upper

75 100

155 73.3 51.7 155.2

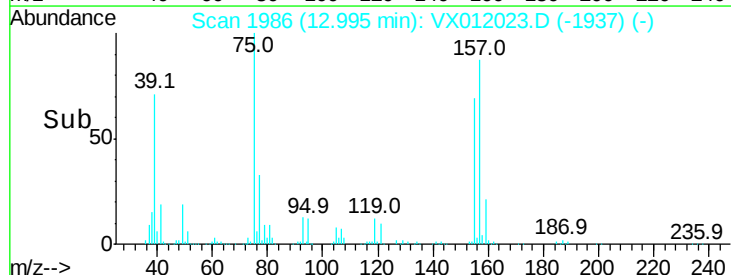
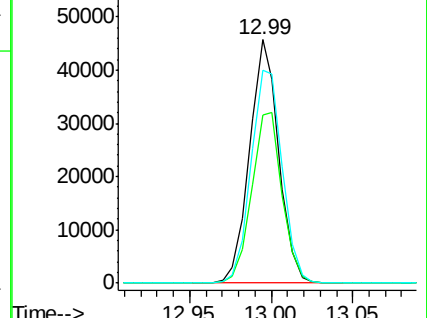
157 93.8 66.9 200.7

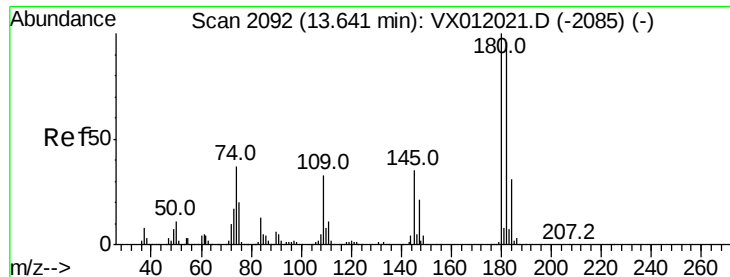


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

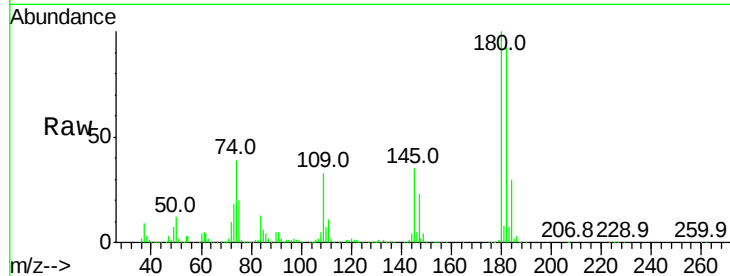




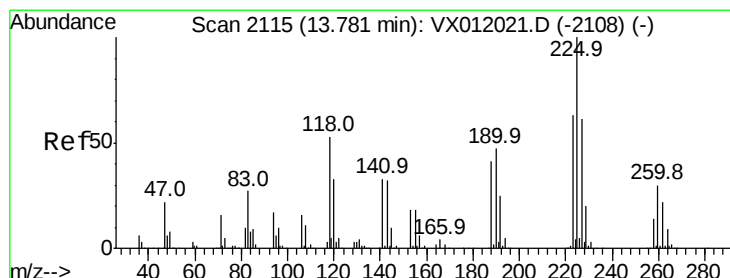
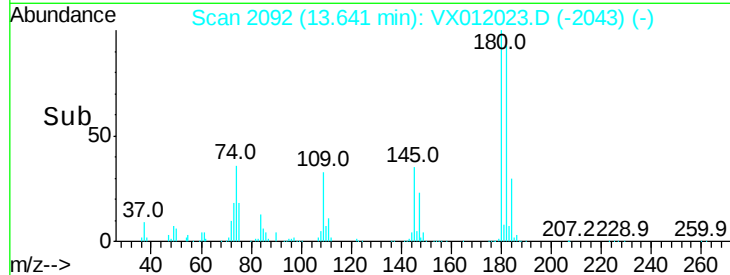
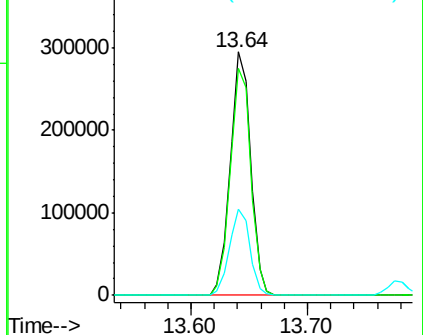
#93  
 1,2,4-Trichlorobenzene  
 Concen: 136.310 ug/l  
 RT: 13.64 min Scan# 2092  
 Delta R.T. -0.00 min  
 Lab File: VX012023.D  
 Acq: 03 Sep 2019 15:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

Tgt Ion:180 Resp: 360229  
 Ion Ratio Lower Upper  
 180 100  
 182 94.5 47.3 142.0  
 145 35.6 13.7 41.0

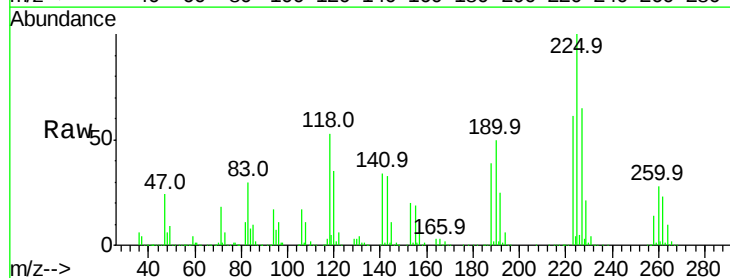


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

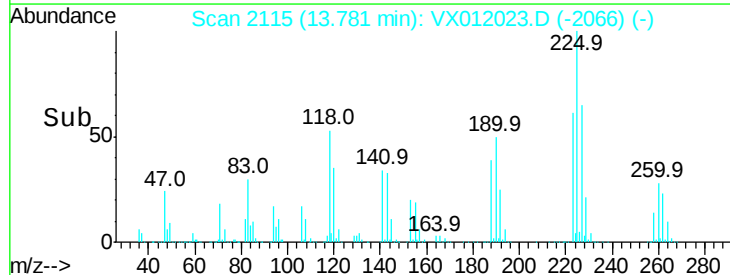
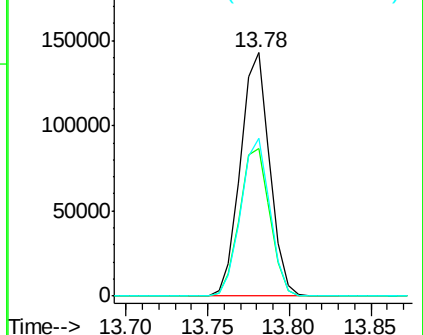


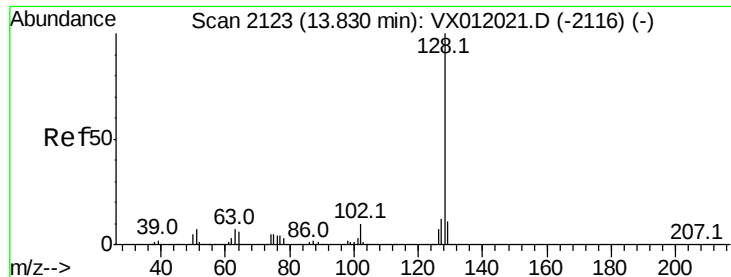
#94  
 Hexachlorobutadiene  
 Concen: 96.518 ug/l  
 RT: 13.78 min Scan# 2115  
 Delta R.T. -0.00 min  
 Lab File: VX012023.D  
 Acq: 03 Sep 2019 15:01

Tgt Ion:225 Resp: 178208  
 Ion Ratio Lower Upper  
 225 100  
 223 62.9 31.6 95.0  
 227 64.6 32.5 97.5



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

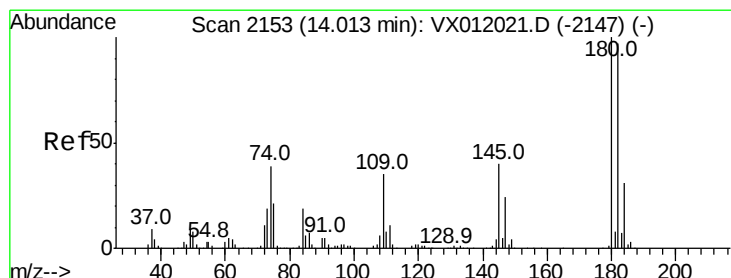
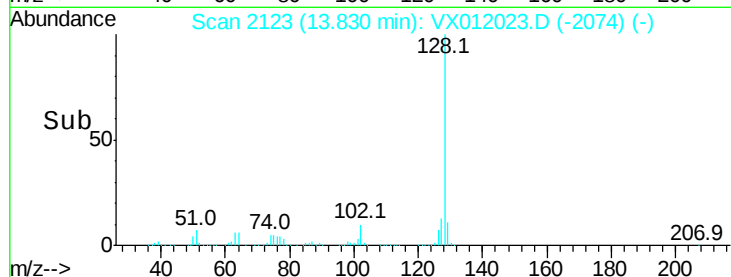
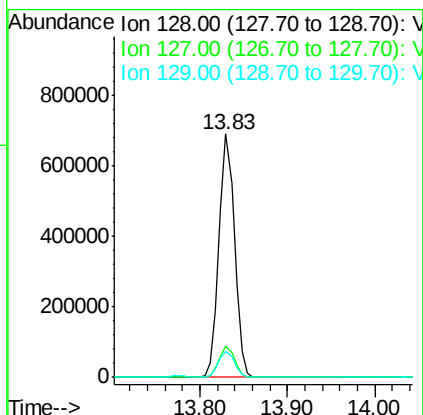
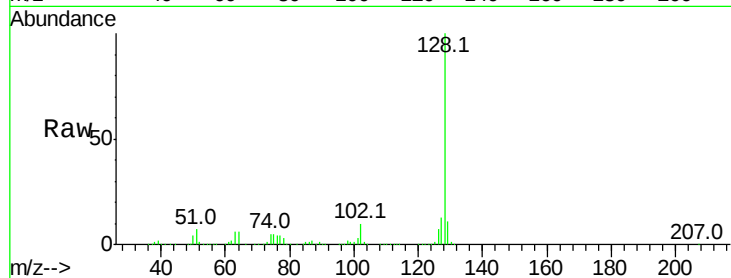




#95  
Naphthalene  
Concen: 207.636 ug/l  
RT: 13.83 min Scan# 2123  
Delta R.T. -0.00 min  
Lab File: VX012023.D  
Acq: 03 Sep 2019 15:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Tgt Ion:128 Resp: 843723  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.5 15.7  
129 10.9 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 139.764 ug/l  
RT: 14.02 min Scan# 2154  
Delta R.T. -0.00 min  
Lab File: VX012023.D  
Acq: 03 Sep 2019 15:01

Tgt Ion:180 Resp: 324767  
Ion Ratio Lower Upper  
180 100  
182 94.5 47.9 143.6  
145 37.1 14.1 42.4

