

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051520\  
 Data File : VX016294.D  
 Acq On : 15 May 2020 20:21  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: May 16 06:49:25 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 06 06:43:32 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 244064   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 408117   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 381018   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 184010   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.03   | 65  | 153748   | 47.87 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.74% |      |
| 35) Dibromofluoromethane  | 5.47   | 113 | 124873   | 48.30 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.60% |      |
| 50) Toluene-d8            | 8.70   | 98  | 488386   | 49.02 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.04% |      |
| 62) 4-Bromofluorobenzene  | 11.12  | 95  | 186782   | 49.29 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.58% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85  | 130418  | 50.484  | ug/l | 99     |
| 3) Chloromethane              | 1.31 | 50  | 129898  | 43.297  | ug/l | 98     |
| 4) Vinyl Chloride             | 1.39 | 62  | 155073  | 48.448  | ug/l | 100    |
| 5) Bromomethane               | 1.62 | 94  | 44697   | 27.699  | ug/l | 98     |
| 6) Chloroethane               | 1.70 | 64  | 95231   | 48.898  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 1.91 | 101 | 206308  | 49.095  | ug/l | 98     |
| 8) Diethyl Ether              | 2.17 | 74  | 87750   | 49.560  | ug/l | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.36 | 101 | 114034  | 47.036  | ug/l | 99     |
| 10) Methyl Iodide             | 2.49 | 142 | 70286   | 21.583  | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.02 | 59  | 206488  | 254.252 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.35 | 96  | 120679  | 47.566  | ug/l | 98     |
| 13) Acrolein                  | 2.28 | 56  | 156617  | 308.174 | ug/l | 100    |
| 14) Allyl chloride            | 2.71 | 41  | 218200  | 46.906  | ug/l | 94     |
| 15) Acrylonitrile             | 3.12 | 53  | 438967  | 260.548 | ug/l | 99     |
| 16) Acetone                   | 2.42 | 43  | 346684  | 241.929 | ug/l | 94     |
| 17) Carbon Disulfide          | 2.55 | 76  | 342060  | 44.875  | ug/l | 99     |
| 18) Methyl Acetate            | 2.75 | 43  | 190062  | 53.943  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 3.17 | 73  | 462499  | 52.881  | ug/l | 99     |
| 20) Methylene Chloride        | 2.84 | 84  | 143540  | 48.590  | ug/l | 96     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96  | 136303  | 48.211  | ug/l | 96     |
| 22) Diisopropyl ether         | 3.83 | 45  | 440286  | 50.169  | ug/l | 89     |
| 23) Vinyl Acetate             | 3.79 | 43  | 1945784 | 252.013 | ug/l | 98     |
| 24) 1,1-Dichloroethane        | 3.67 | 63  | 251545  | 51.239  | ug/l | 99     |
| 25) 2-Butanone                | 4.64 | 43  | 601315  | 260.406 | ug/l | 96     |
| 26) 2,2-Dichloropropane       | 4.55 | 77  | 181396  | 40.460  | ug/l | 97     |
| 27) cis-1,2-Dichloroethene    | 4.57 | 96  | 160733  | 52.003  | ug/l | 95     |
| 28) Bromochloromethane        | 4.98 | 49  | 111685  | 49.892  | ug/l | 95     |
| 29) Tetrahydrofuran           | 5.09 | 42  | 392220  | 256.346 | ug/l | 97     |
| 30) Chloroform                | 5.18 | 83  | 255286  | 52.227  | ug/l | 100    |
| 31) Cyclohexane               | 5.55 | 56  | 202090  | 45.295  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97  | 227698  | 51.248  | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 5.77 | 75  | 189634  | 47.204  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.80 | 43  | 226478  | 48.640  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 5.76 | 117 | 199285  | 48.804  | ug/l | 94     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051520\  
 Data File : VX016294.D  
 Acq On : 15 May 2020 20:21  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Quant Time: May 16 06:49:25 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 06 06:43:32 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 167582   | 34.639  | ug/l   | 99       |
| 40) Benzene                    | 6.12  | 78   | 581174   | 49.443  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.01  | 41   | 123460   | 49.098  | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 6.17  | 62   | 201264   | 47.531  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.42  | 43   | 360736   | 48.557  | ug/l   | 98       |
| 44) Trichloroethene            | 7.19  | 130  | 167988   | 40.227  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 151185   | 50.831  | ug/l   | 98       |
| 46) Dibromomethane             | 7.64  | 93   | 100329   | 49.637  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.88  | 83   | 209236   | 50.828  | ug/l   | 97       |
| 48) Methyl methacrylate        | 7.75  | 41   | 171080   | 48.598  | ug/l   | 94       |
| 49) 1,4-Dioxane                | 7.71  | 88   | 80426    | 952.598 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 1157272  | 254.558 | ug/l   | 97       |
| 52) Toluene                    | 8.77  | 92   | 370127   | 50.517  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 239723   | 48.841  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.41  | 75   | 251719   | 49.100  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 151705   | 52.627  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 251866   | 53.528  | ug/l   | 93       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 260587   | 51.808  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 622698   | 248.581 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.48  | 43   | 907420   | 254.162 | ug/l   | 96       |
| 60) Dibromochloromethane       | 9.57  | 129  | 169329   | 53.335  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 160642   | 51.448  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.32  | 164  | 169725   | 36.286  | ug/l   | 96       |
| 65) Chlorobenzene              | 10.12 | 112  | 392362   | 49.180  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 153818   | 52.163  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.24 | 91   | 682815   | 47.968  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.34 | 106  | 518061   | 97.137  | ug/l   | 99       |
| 69) o-Xylene                   | 10.68 | 106  | 252311   | 49.216  | ug/l   | 99       |
| 70) Styrene                    | 10.69 | 104  | 448771   | 51.599  | ug/l   | 99       |
| 71) Bromoform                  | 10.84 | 173  | 130650   | 54.382  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.01 | 105  | 631209   | 47.162  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.88 | 43   | 317126   | 50.799  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 208533   | 74.773  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 288713   | 69.143  | ug/l   | 84       |
| 77) Bromobenzene               | 11.24 | 156  | 172238   | 49.858  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.35 | 91   | 707938   | 45.468  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.41 | 91   | 447805   | 48.724  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 522833   | 46.267  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 85431    | 48.757  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 524957   | 48.370  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 454771   | 46.698  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 527047   | 46.133  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.93 | 105  | 519820   | 39.533  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 477307   | 39.098  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 286609   | 46.206  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 295691   | 46.967  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.37 | 91   | 391951   | 35.144  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.58 | 117  | 86208    | 41.117  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 287924   | 48.207  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 57890    | 52.603  | ug/l   | 98       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051520\  
Data File : VX016294.D  
Acq On : 15 May 2020 20:21  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 27 Sample Multiplier: 1

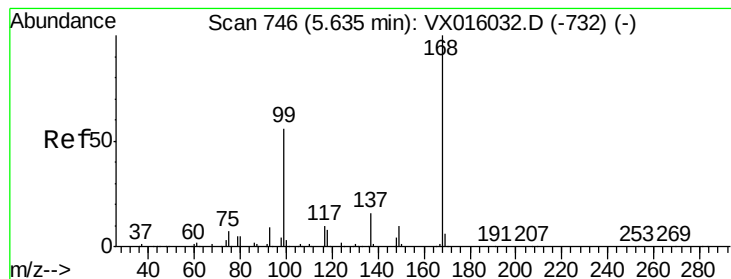
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Quant Time: May 16 06:49:25 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 06 06:43:32 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 175780   | 39.752 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 51469    | 27.271 | ug/l  | 97       |
| 95) Naphthalene            | 13.82 | 128  | 675505   | 47.178 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 170662   | 39.490 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA\_X

ClientSampleId :

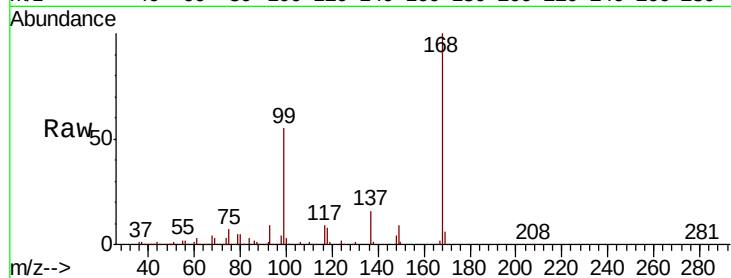
VSTDCCC050EC

Tot Ion:168 Resp: 244064

Ion Ratio Lower Upper

168 100

99 54.7 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

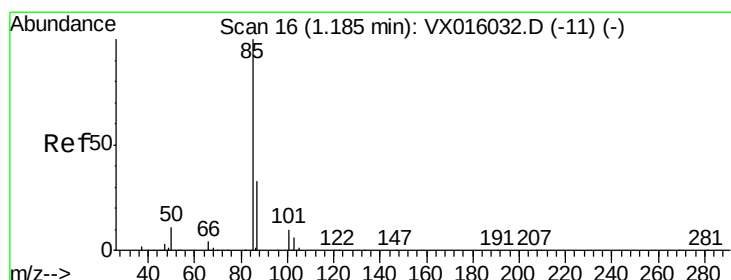
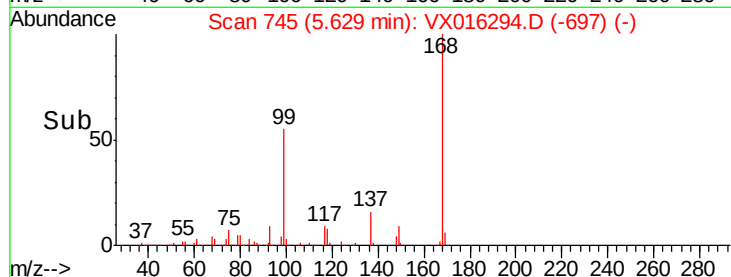
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.484 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016294.D

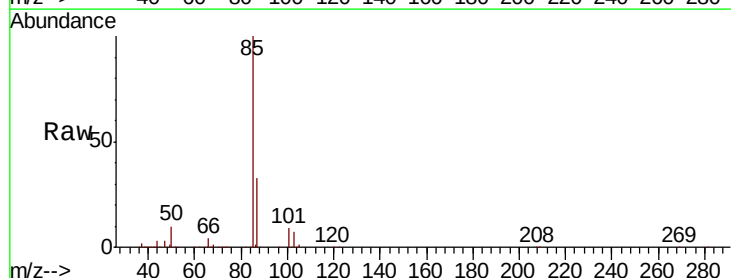
Acq: 15 May 2020 20:21

Tgt Ion: 85 Resp: 130418

Ion Ratio Lower Upper

85 100

87 33.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

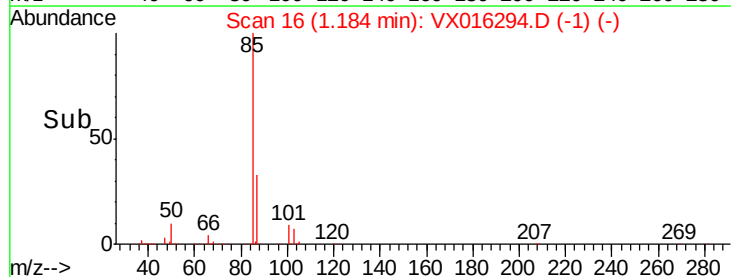
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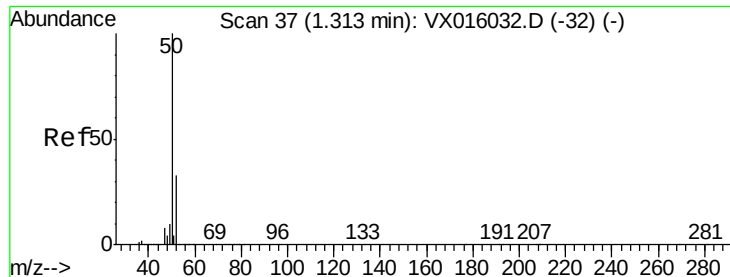
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 43.297 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA\_X

ClientSampleId :

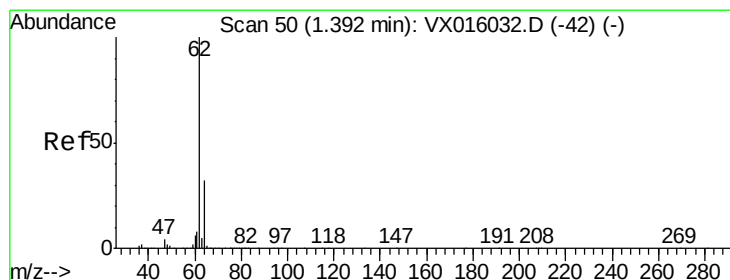
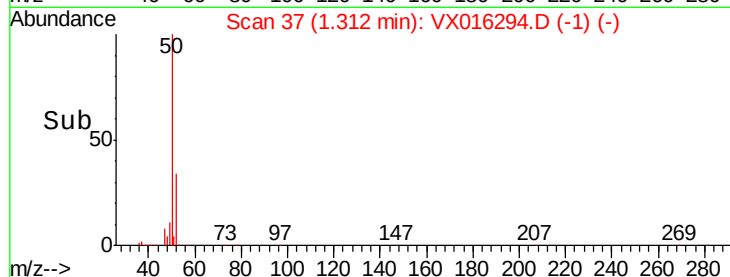
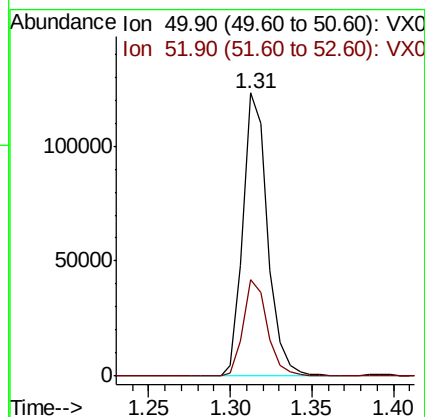
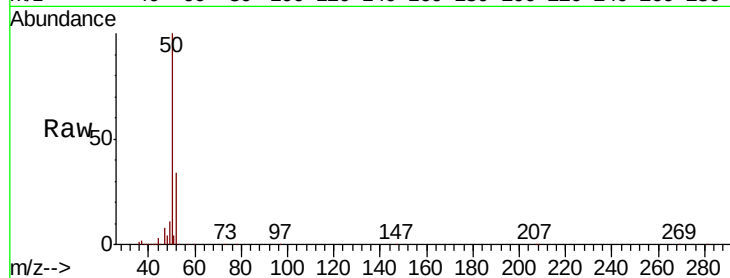
VSTDCCC050EC

Tot Ion: 50 Resp: 129898

Ion Ratio Lower Upper

50 100

52 34.0 26.1 39.1



#4

Vinyl Chloride

Concen: 48.448 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016294.D

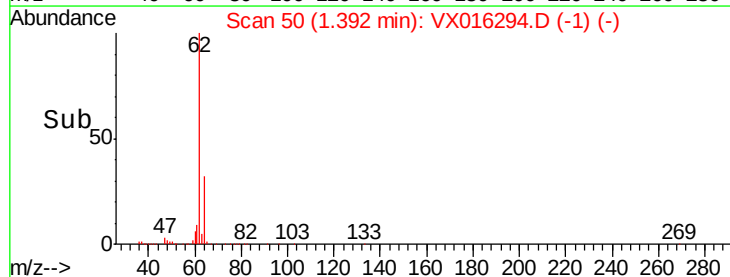
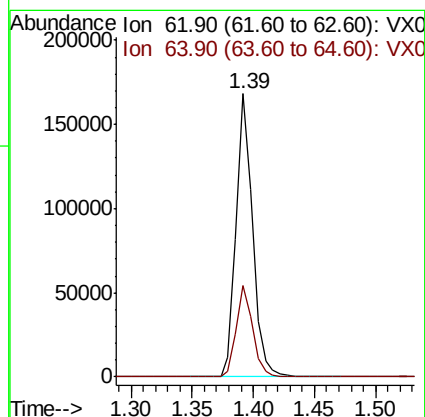
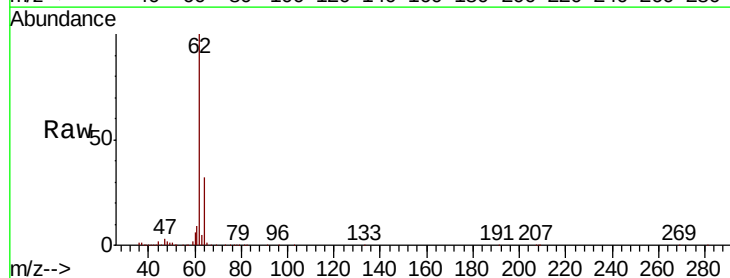
Acq: 15 May 2020 20:21

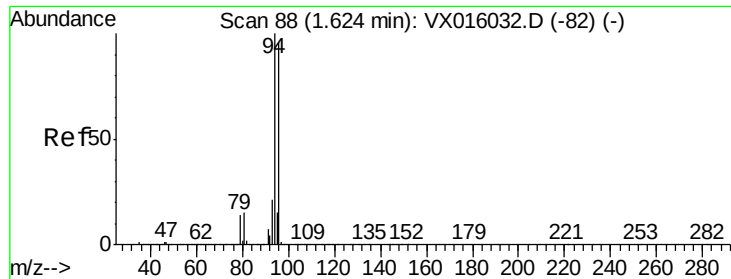
Tgt Ion: 62 Resp: 155073

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 27.699 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA\_X

ClientSampleId :

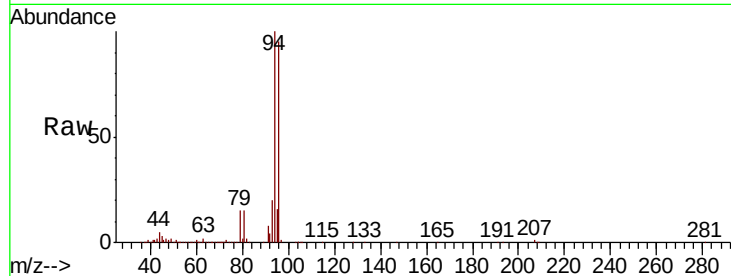
VSTDCCC050EC

Tot Ion: 94 Resp: 44697

Ion Ratio Lower Upper

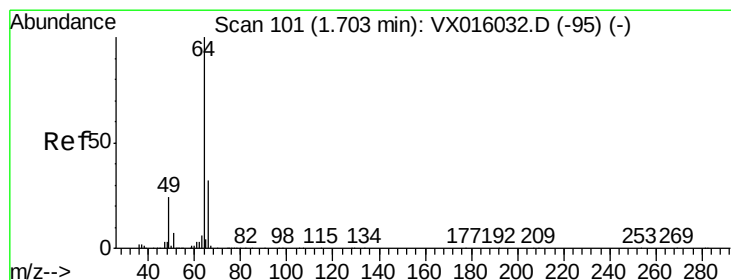
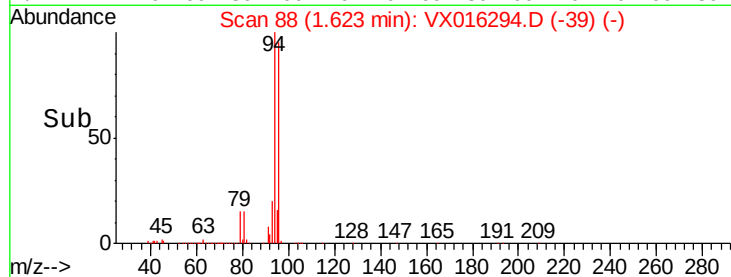
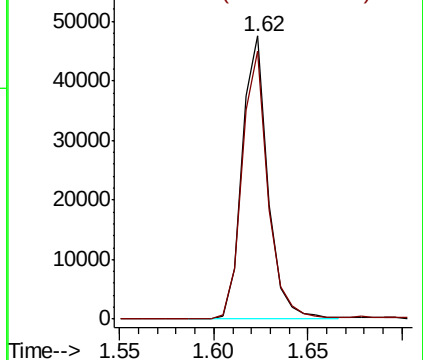
94 100

96 94.6 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.898 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016294.D

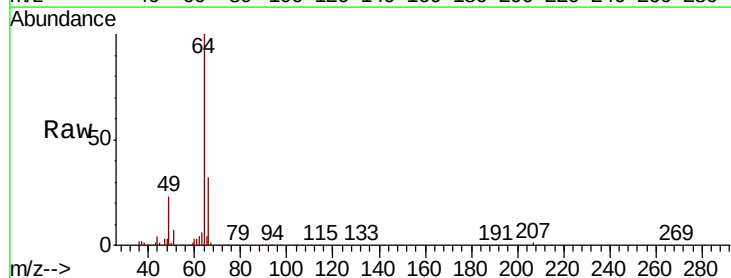
Acq: 15 May 2020 20:21

Tgt Ion: 64 Resp: 95231

Ion Ratio Lower Upper

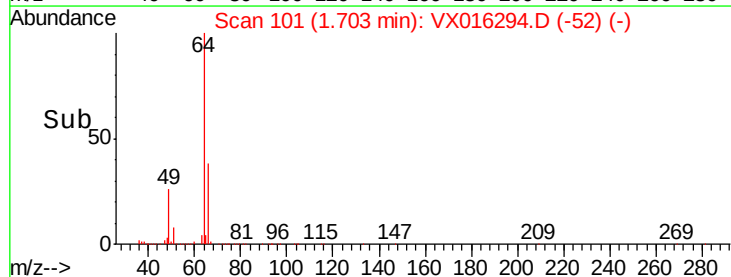
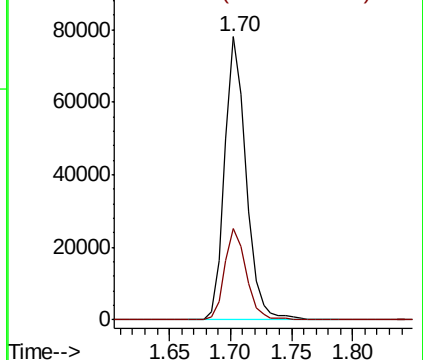
64 100

66 32.2 25.2 37.8

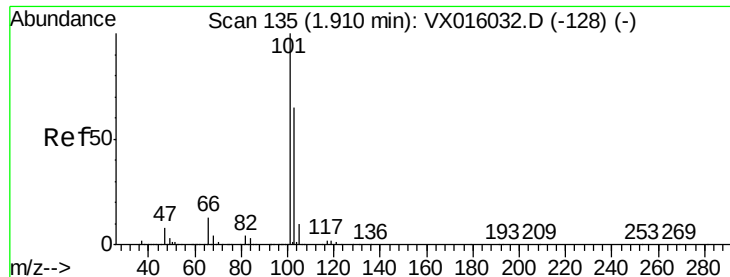


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





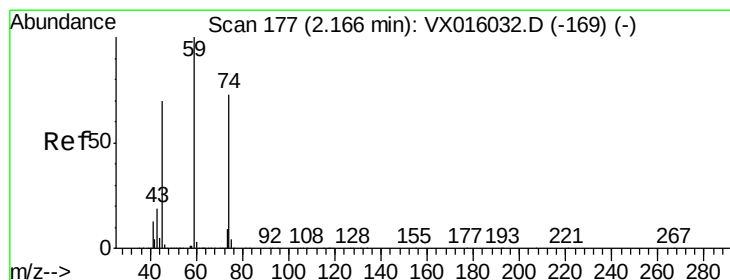
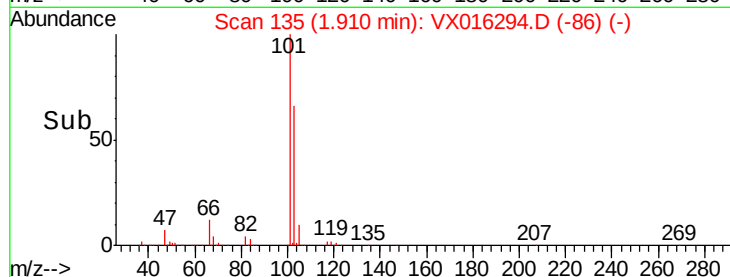
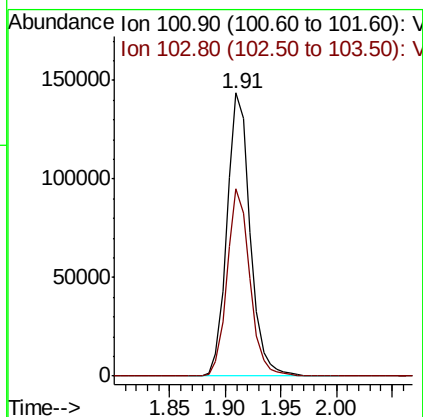
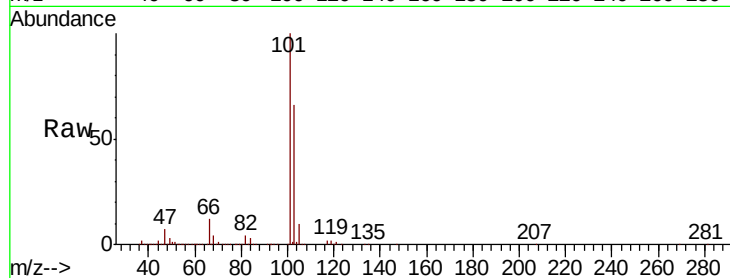


#7

Trichlorofluoromethane  
 Concen: 49.095 ug/l  
 RT: 1.91 min Scan# 135  
 Delta R.T. -0.00 min  
 Lab File: VX016294.D  
 Acq: 15 May 2020 20:21

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

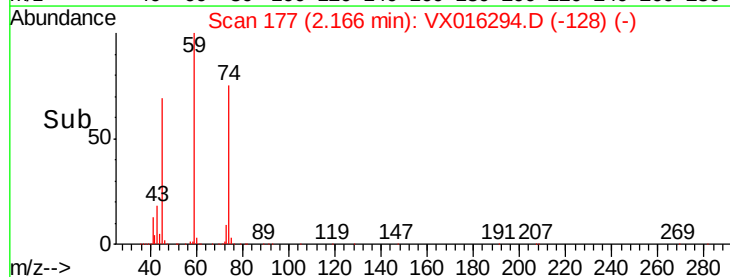
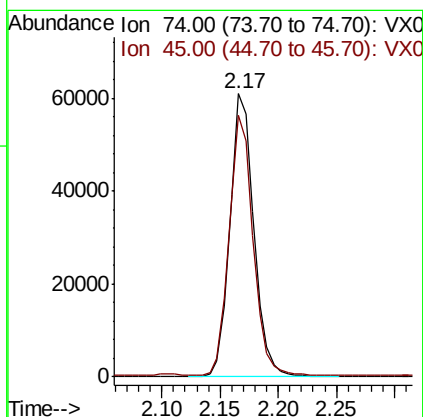
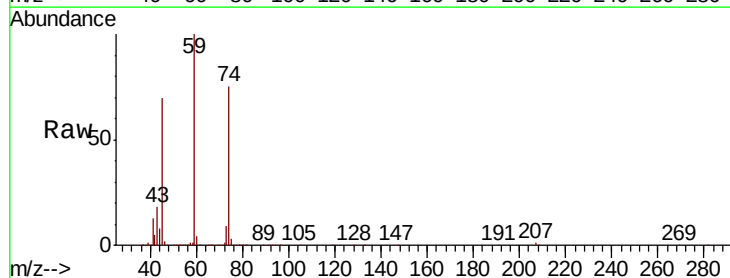
Tot Ion:101 Resp: 206308  
 Ion Ratio Lower Upper  
 101 100  
 103 66.1 51.8 77.6



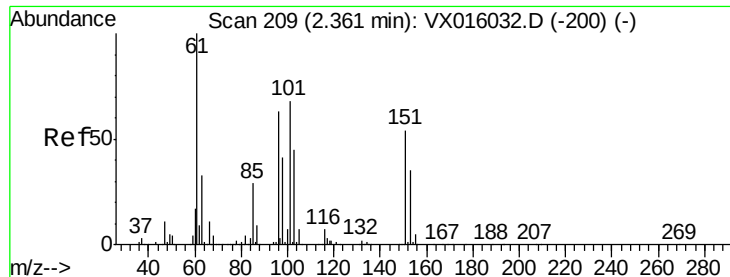
#8

Diethyl Ether  
 Concen: 49.560 ug/l  
 RT: 2.17 min Scan# 177  
 Delta R.T. -0.00 min  
 Lab File: VX016294.D  
 Acq: 15 May 2020 20:21

Tgt Ion: 74 Resp: 87750  
 Ion Ratio Lower Upper  
 74 100  
 45 91.5 47.3 142.0







#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.036 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

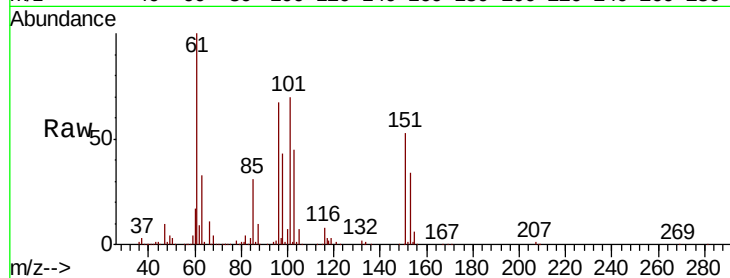
Tot Ion:101 Resp: 114034

Ion Ratio Lower Upper

101 100

85 42.3 34.2 51.4

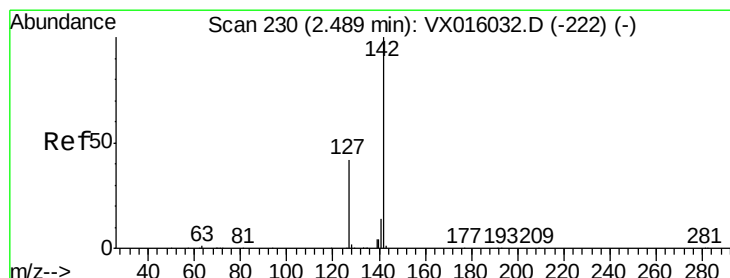
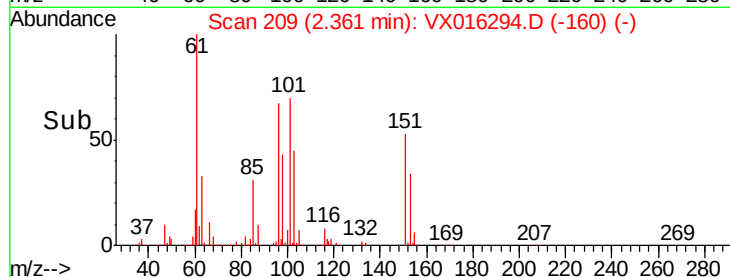
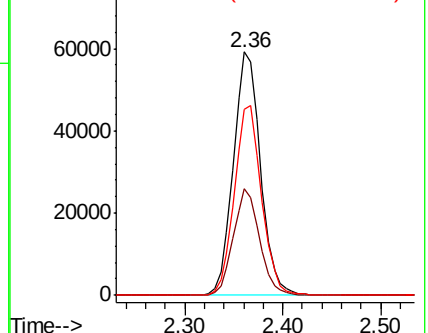
151 78.1 62.1 93.1



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: 21.583 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

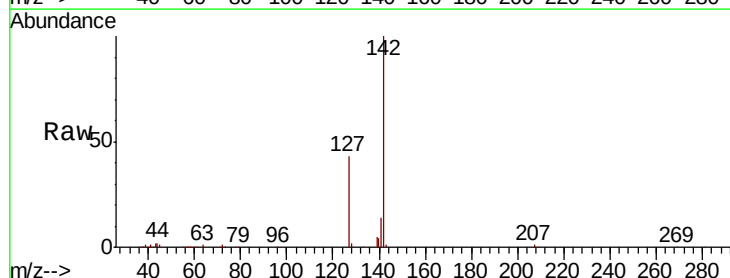
Tgt Ion:142 Resp: 70286

Ion Ratio Lower Upper

142 100

127 43.8 34.6 52.0

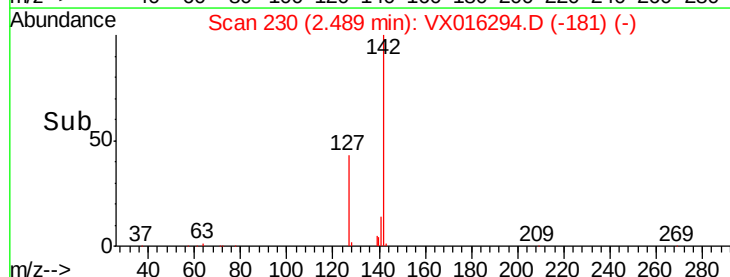
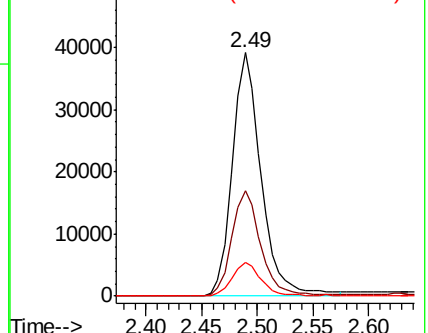
141 13.9 11.3 16.9

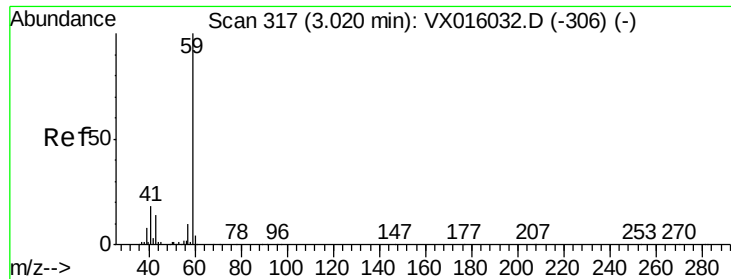


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



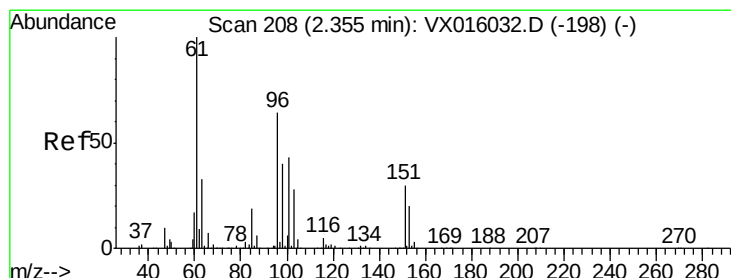
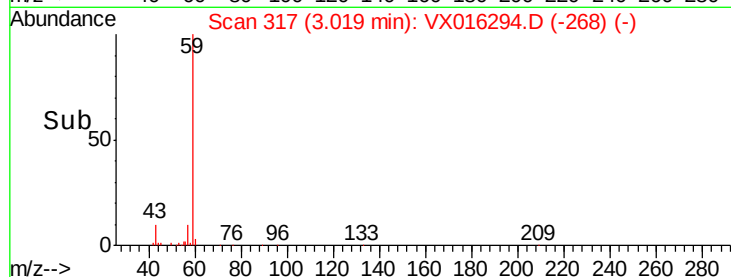
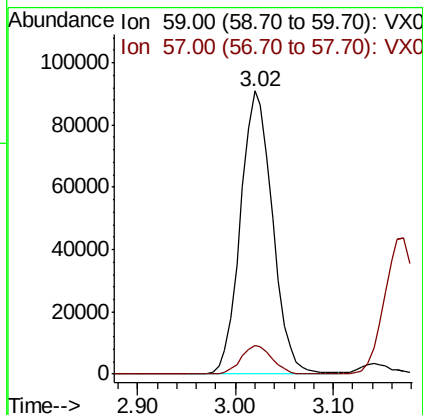
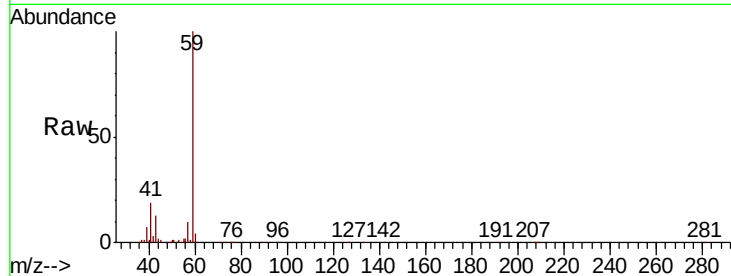


#11

Tert butyl alcohol  
 Concen: 254.252 ug/l  
 RT: 3.02 min Scan# 317  
 Delta R.T. -0.00 min  
 Lab File: VX016294.D  
 Acq: 15 May 2020 20:21

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

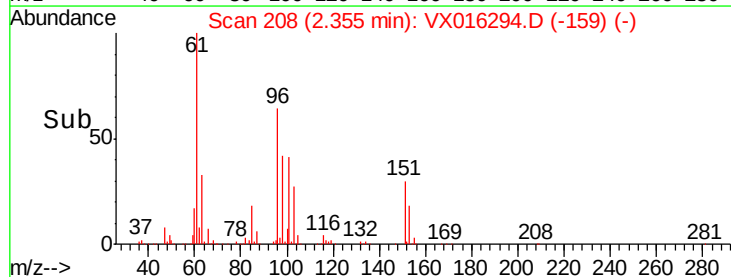
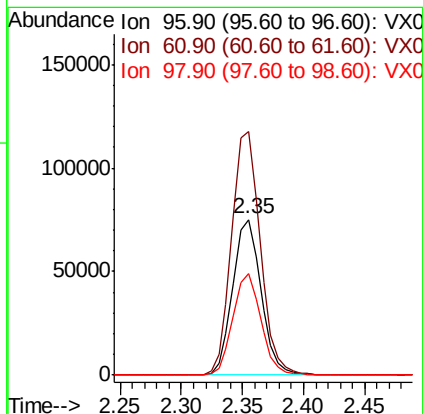
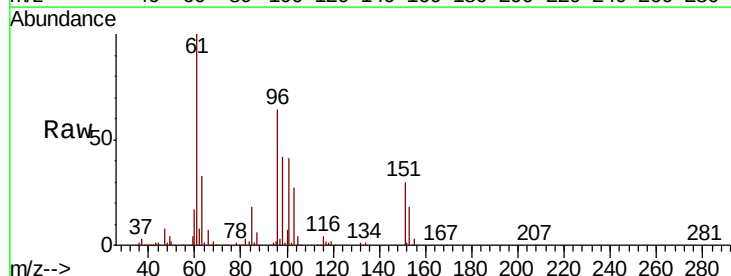
Tot Ion: 59 Resp: 206488  
 Ion Ratio Lower Upper  
 59 100  
 57 9.9 8.2 12.4

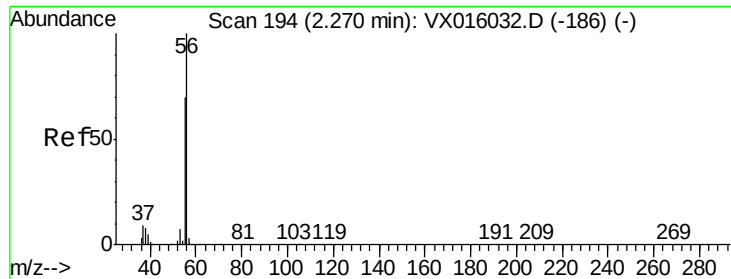


#12

1,1-Dichloroethene  
 Concen: 47.566 ug/l  
 RT: 2.35 min Scan# 208  
 Delta R.T. -0.00 min  
 Lab File: VX016294.D  
 Acq: 15 May 2020 20:21

Tgt Ion: 96 Resp: 120679  
 Ion Ratio Lower Upper  
 96 100  
 61 156.8 124.8 187.2  
 98 65.1 49.7 74.5





#13

Acrolein

Concen: 308.174 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA\_X

ClientSampleId :

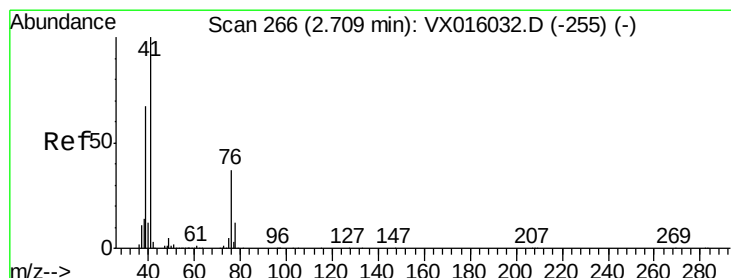
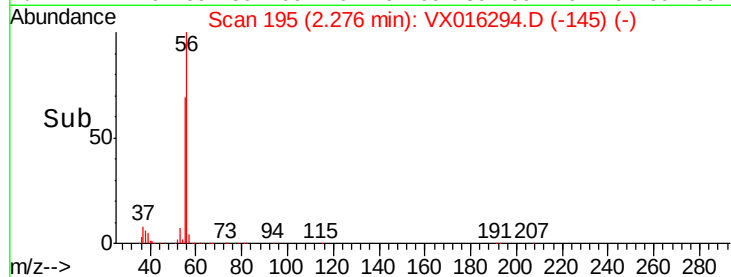
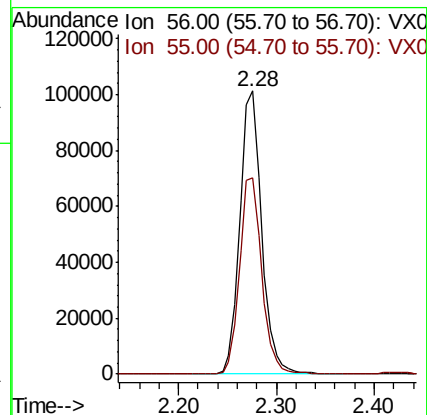
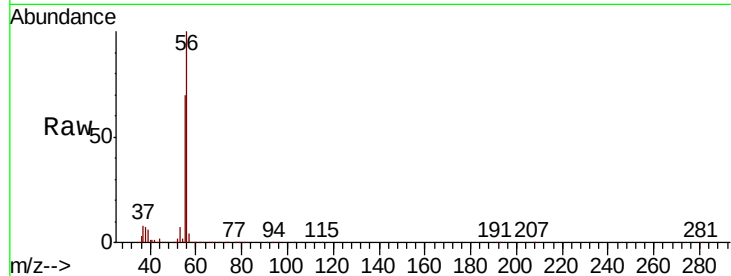
VSTDCCC050EC

Tot Ion: 56 Resp: 156617

Ion Ratio Lower Upper

56 100

55 70.7 56.5 84.7



#14

Allyl chloride

Concen: 46.906 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

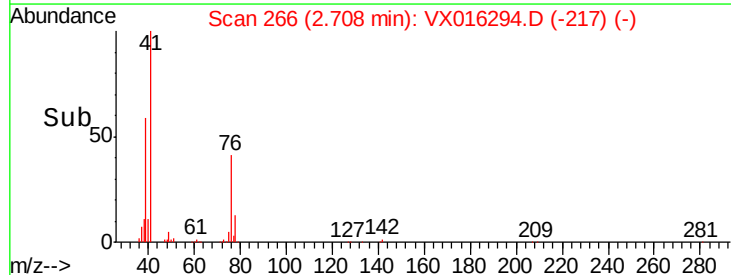
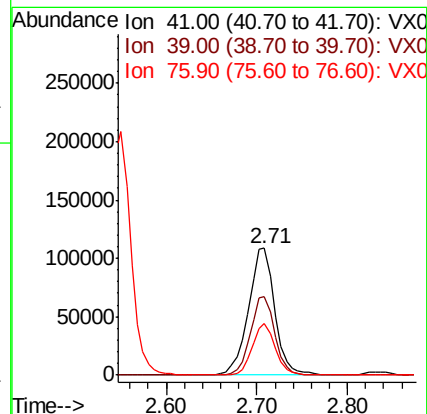
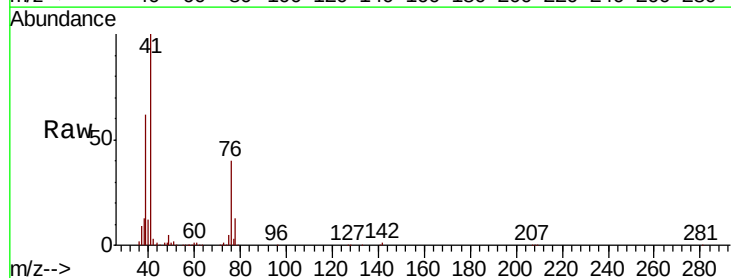
Tgt Ion: 41 Resp: 218200

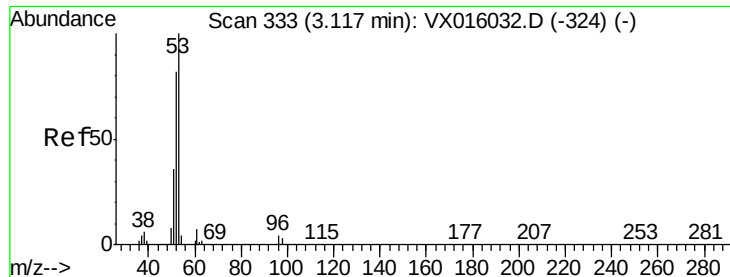
Ion Ratio Lower Upper

41 100

39 57.2 50.5 75.7

76 35.3 26.6 40.0





#15

Acrylonitrile

Concen: 260.548 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

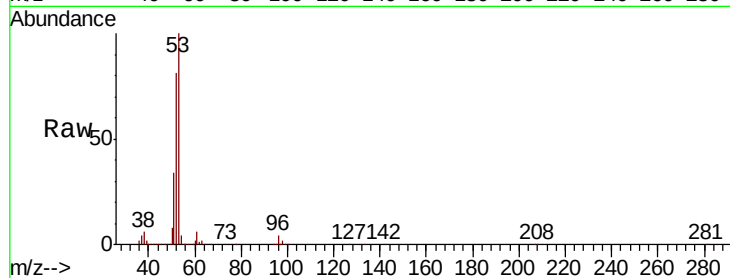
Tot Ion: 53 Resp: 438967

Ion Ratio Lower Upper

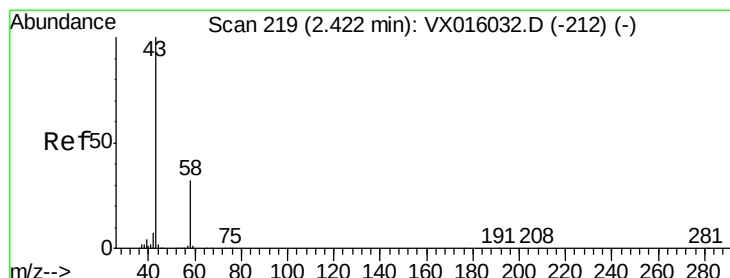
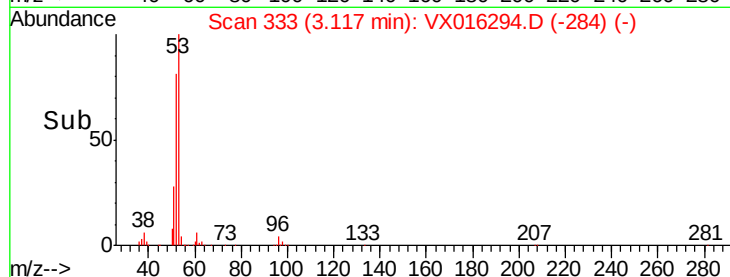
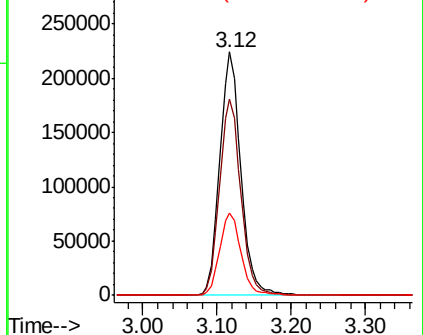
53 100

52 81.5 66.1 99.1

51 34.8 28.8 43.2



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



#16

Acetone

Concen: 241.929 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016294.D

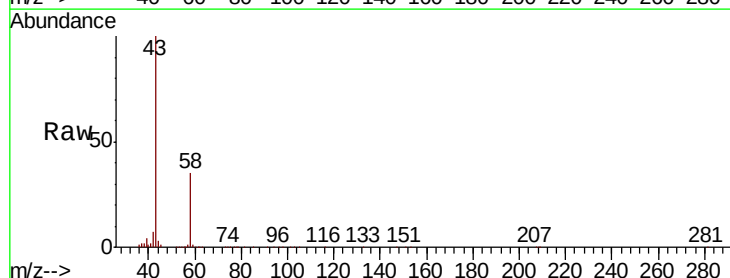
Acq: 15 May 2020 20:21

Tgt Ion: 43 Resp: 346684

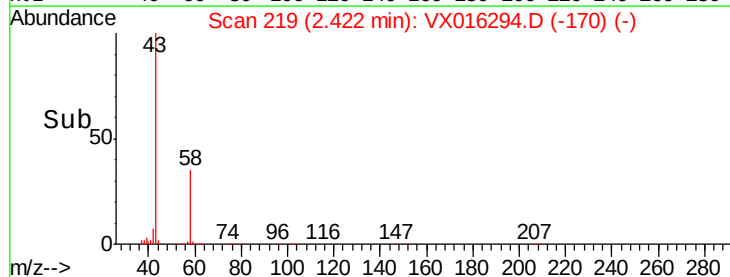
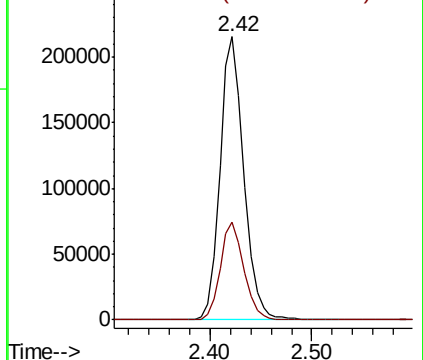
Ion Ratio Lower Upper

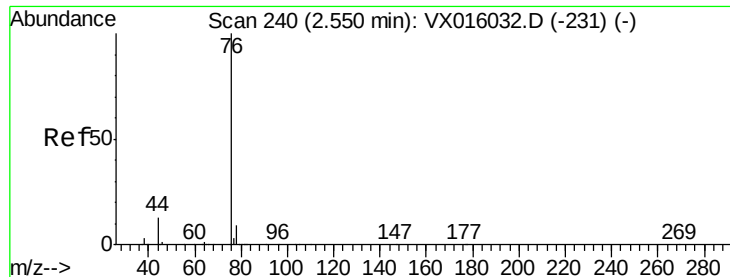
43 100

58 34.8 25.4 38.0



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





#17

Carbon Disulfide

Concen: 44.875 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA\_X

ClientSampleId :

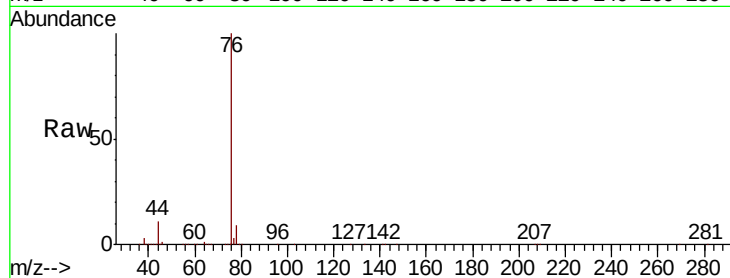
VSTDCCC050EC

Tot Ion: 76 Resp: 342060

Ion Ratio Lower Upper

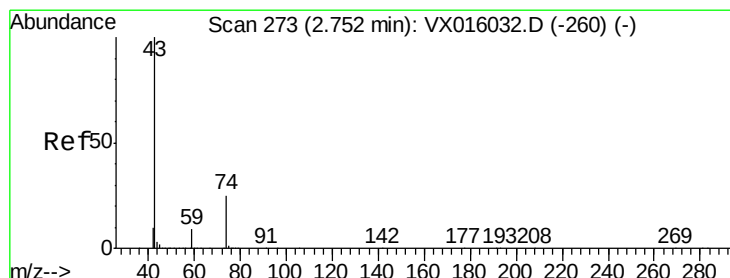
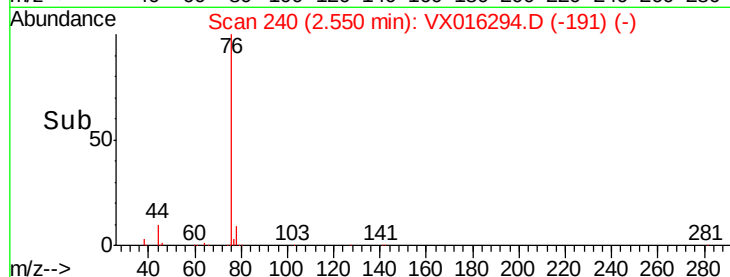
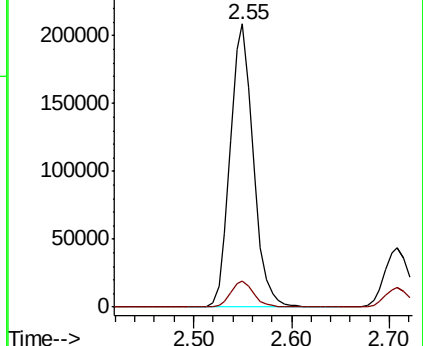
76 100

78 9.2 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 53.943 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016294.D

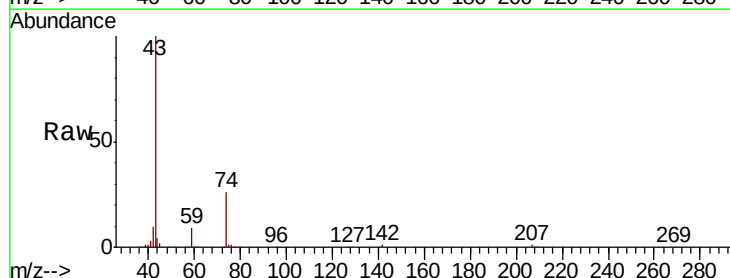
Acq: 15 May 2020 20:21

Tgt Ion: 43 Resp: 190062

Ion Ratio Lower Upper

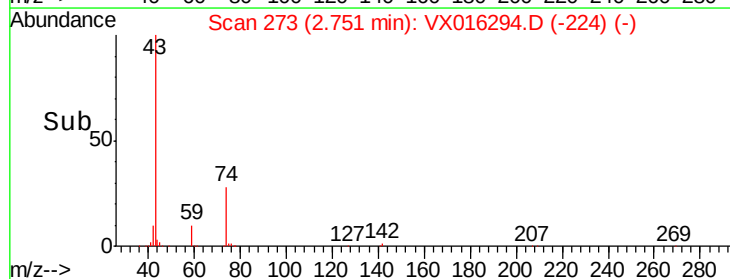
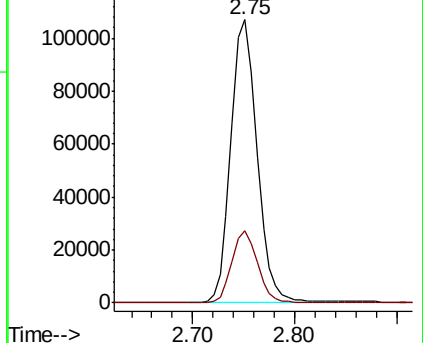
43 100

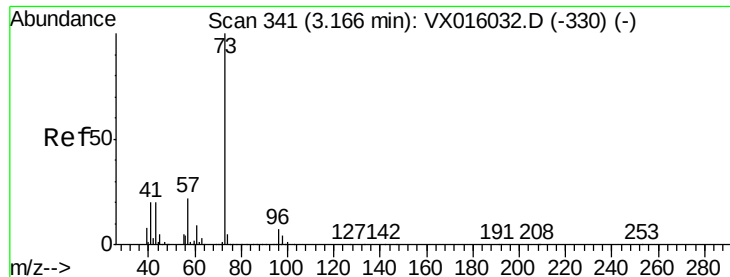
74 25.4 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

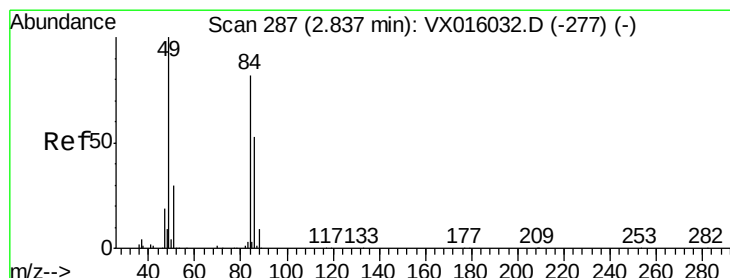
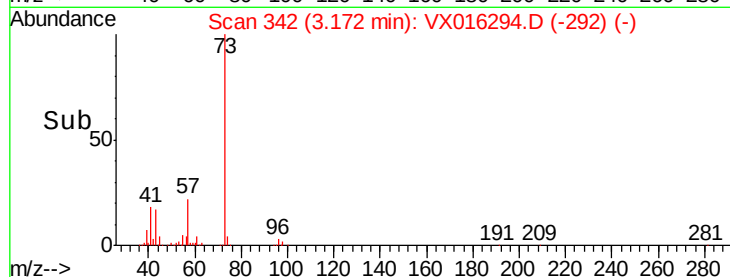
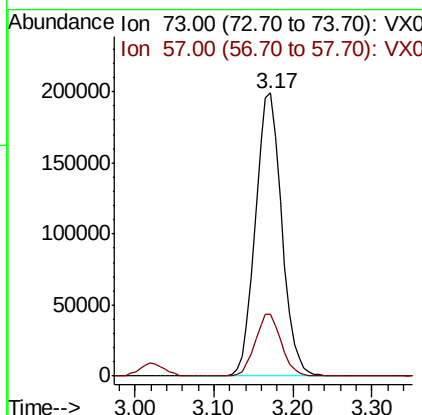
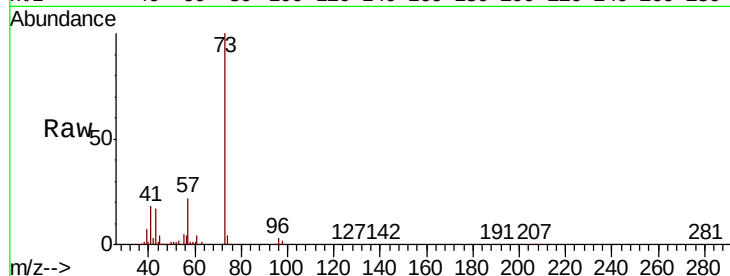




#19  
Methyl tert-butyl Ether  
Concen: 52.881 ug/l  
RT: 3.17 min Scan# 342  
Delta R.T. 0.01 min  
Lab File: VX016294.D  
Acq: 15 May 2020 20:21

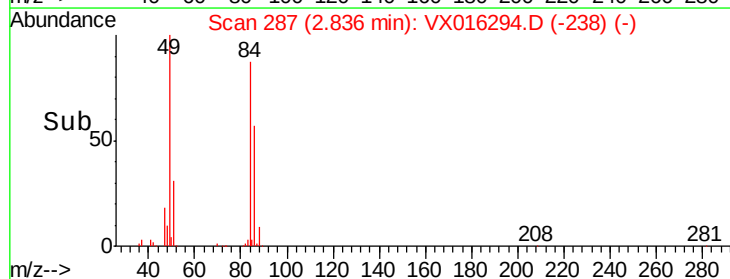
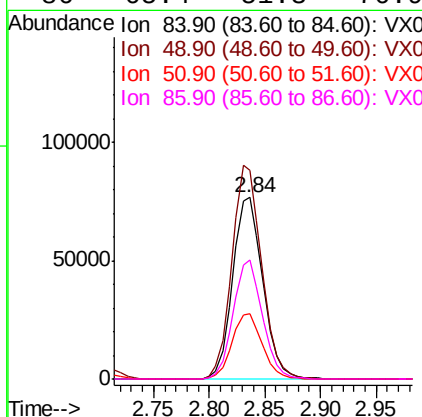
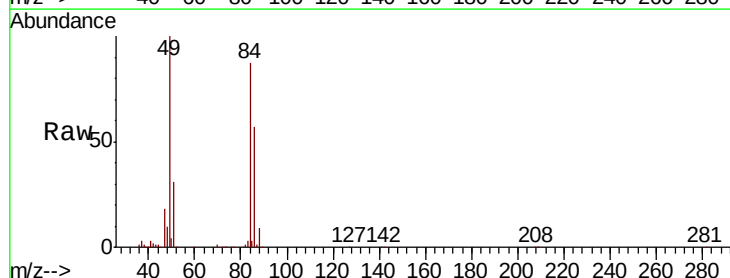
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

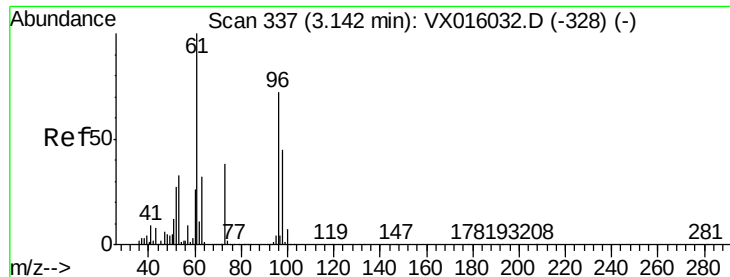
Tot Ion: 73 Resp: 462499  
Ion Ratio Lower Upper  
73 100  
57 21.9 17.8 26.6



#20  
Methylene Chloride  
Concen: 48.590 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. -0.00 min  
Lab File: VX016294.D  
Acq: 15 May 2020 20:21

Tgt Ion: 84 Resp: 143540  
Ion Ratio Lower Upper  
84 100  
49 114.7 97.3 145.9  
51 36.1 29.3 43.9  
86 65.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 48.211 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

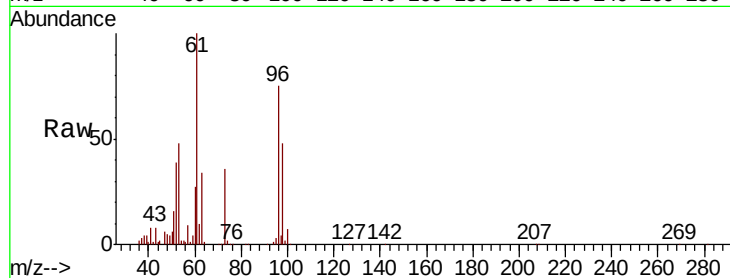
Tot Ion: 96 Resp: 136303

Ion Ratio Lower Upper

96 100

61 133.1 111.2 166.8

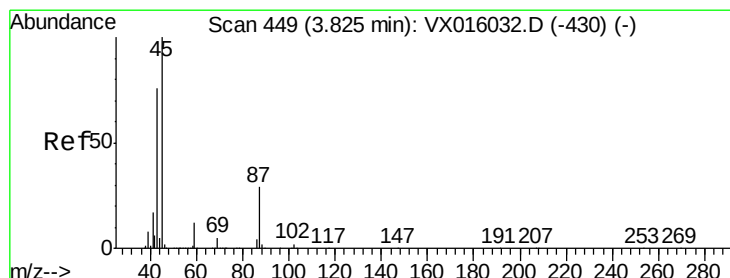
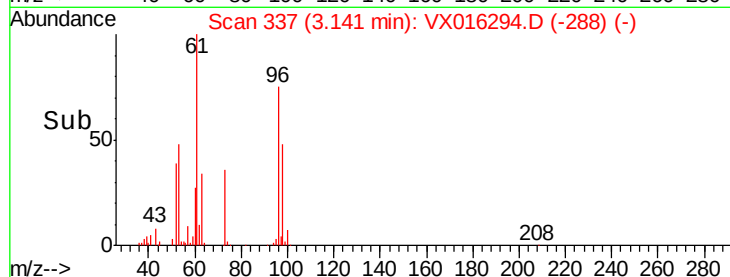
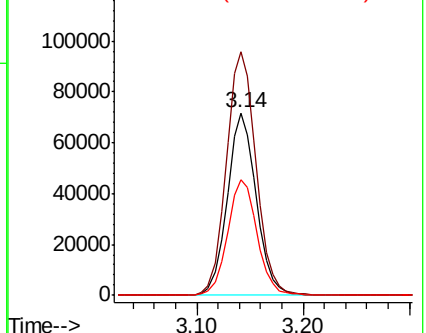
98 63.4 50.2 75.4



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



#22

Diisopropyl ether

Concen: 50.169 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Tgt Ion: 45 Resp: 440286

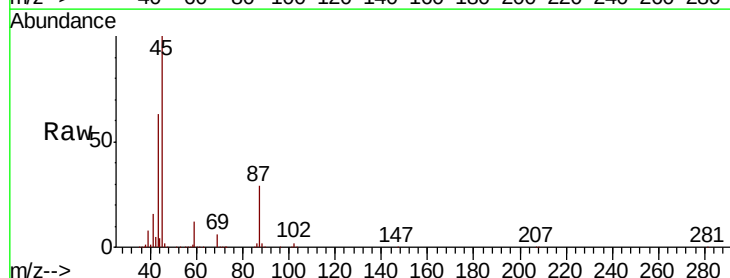
Ion Ratio Lower Upper

45 100

43 62.4 61.1 91.7

87 29.1 23.0 34.6

59 11.8 9.8 14.6

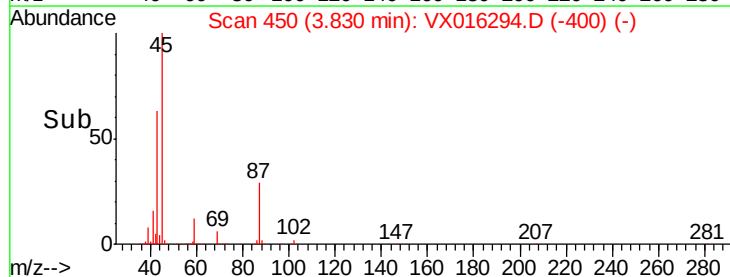
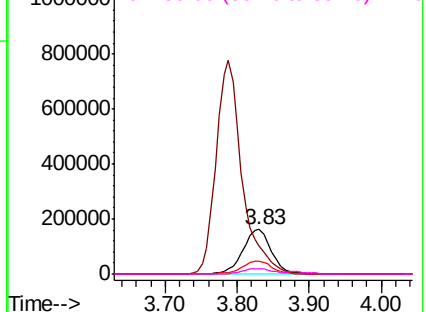


Abundance Ion 45.00 (44.70 to 45.70): VX0

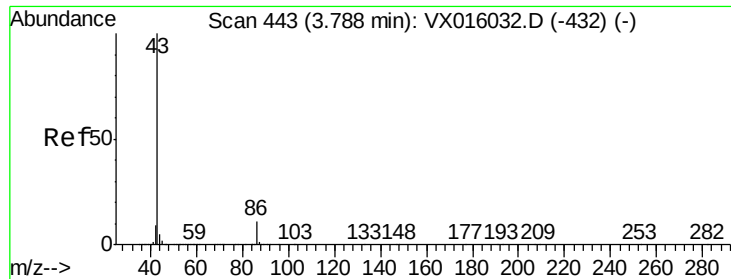
Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0







#23

Vinyl Acetate

Concen: 252.013 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA\_X

ClientSampleId :

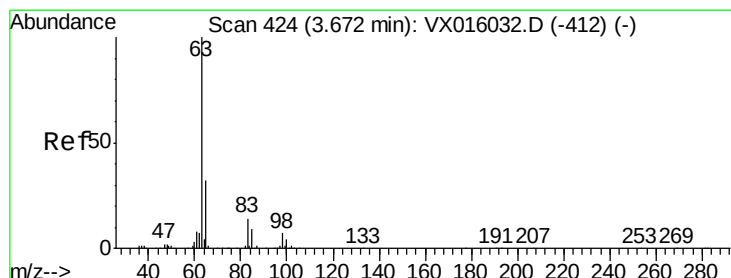
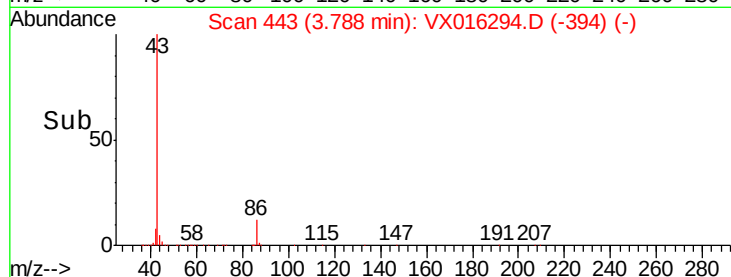
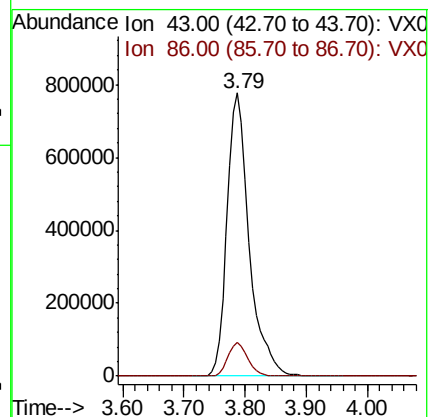
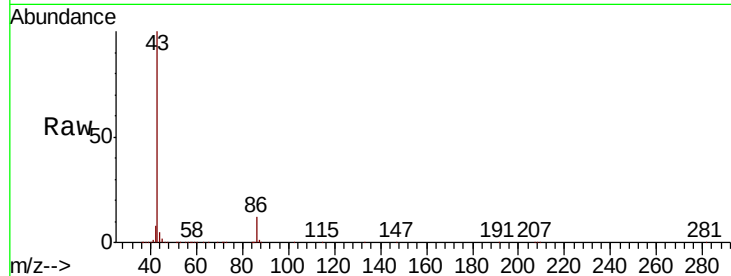
VSTDCCC050EC

Tot Ion: 43 Resp: 1945784

Ion Ratio Lower Upper

43 100

86 11.9 9.0 13.4



#24

1,1-Dichloroethane

Concen: 51.239 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

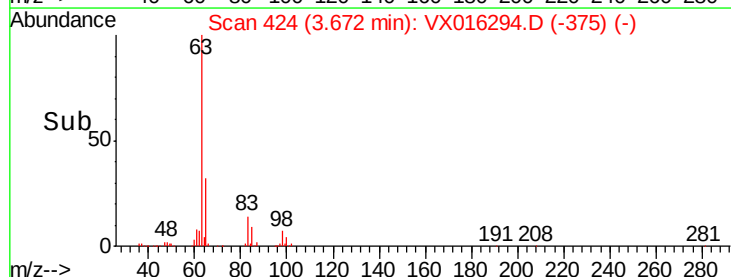
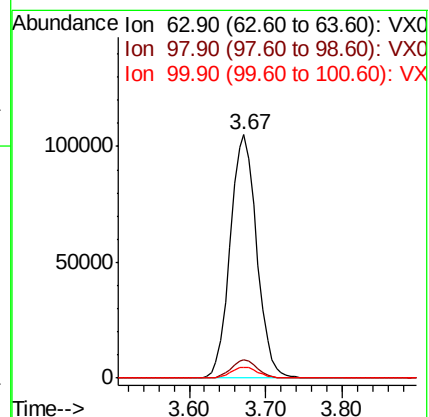
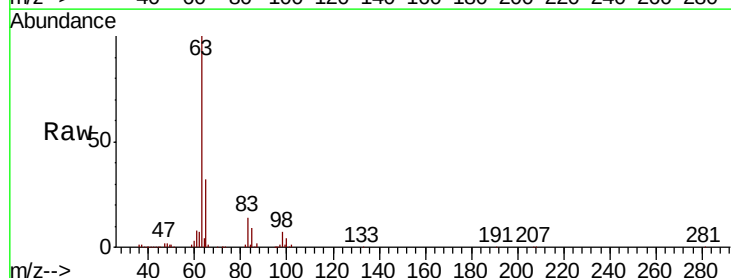
Tgt Ion: 63 Resp: 251545

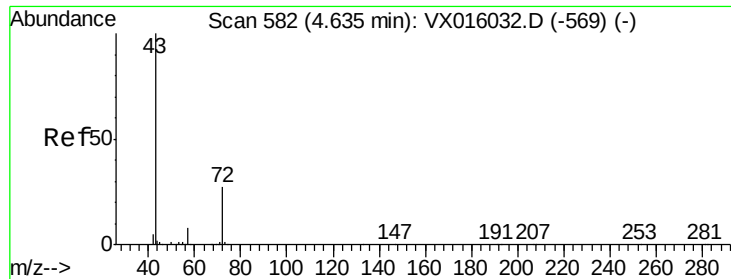
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.5

100 4.4 2.1 6.5





#25

2-Butanone

Concen: 260.406 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA\_X

ClientSampleId :

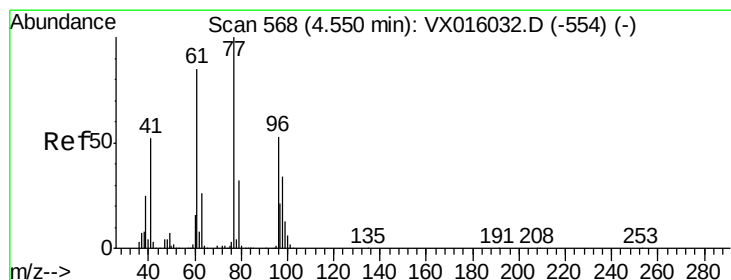
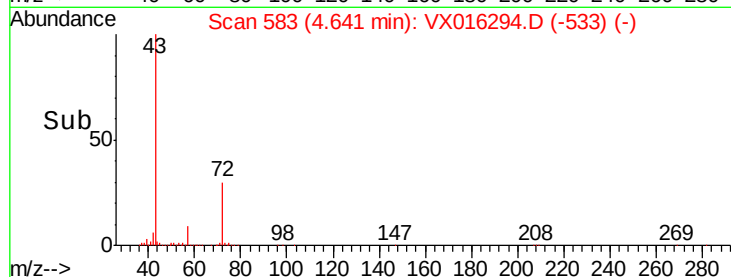
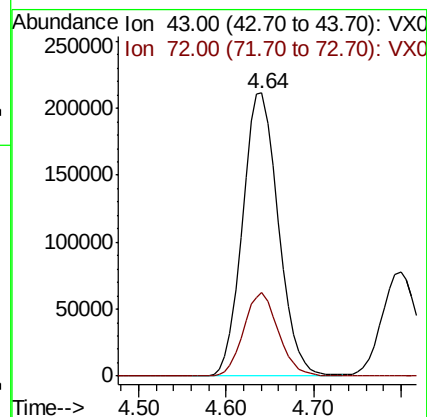
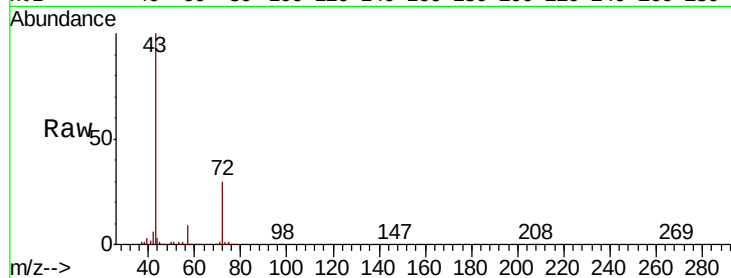
VSTDCCC050EC

Tot Ion: 43 Resp: 601315

Ion Ratio Lower Upper

43 100

72 29.5 21.8 32.8



#26

2,2-Dichloropropane

Concen: 40.460 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016294.D

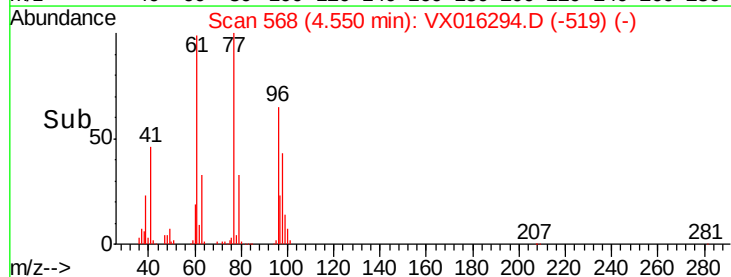
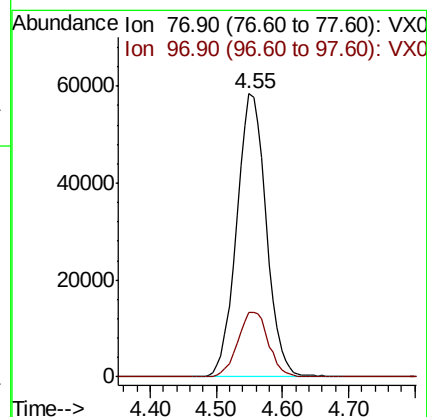
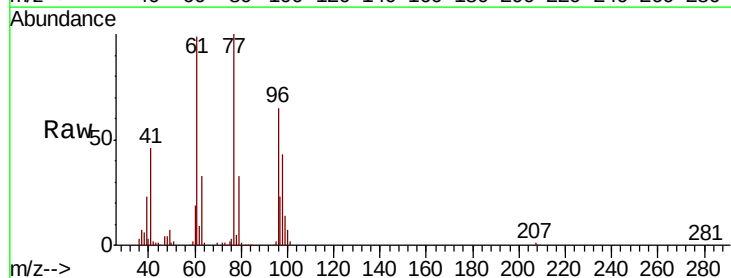
Acq: 15 May 2020 20:21

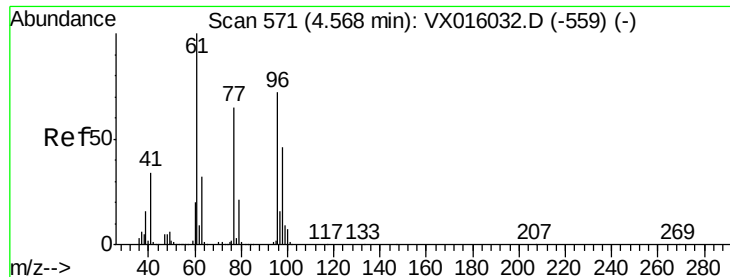
Tgt Ion: 77 Resp: 181396

Ion Ratio Lower Upper

77 100

97 23.6 11.2 33.6



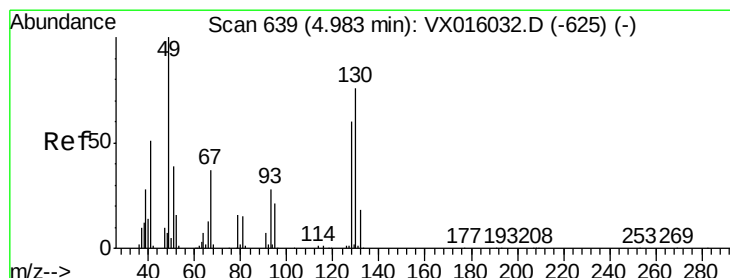
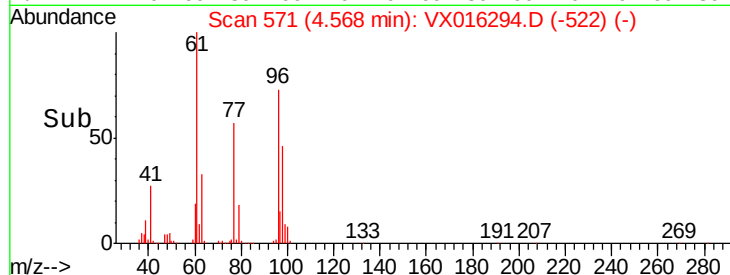
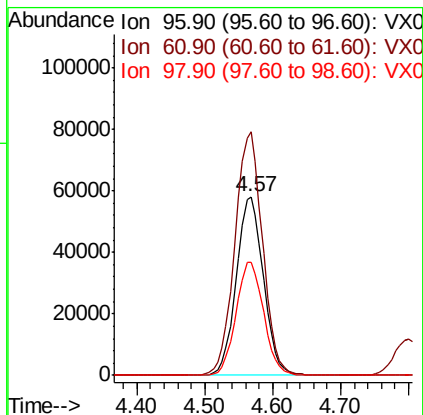
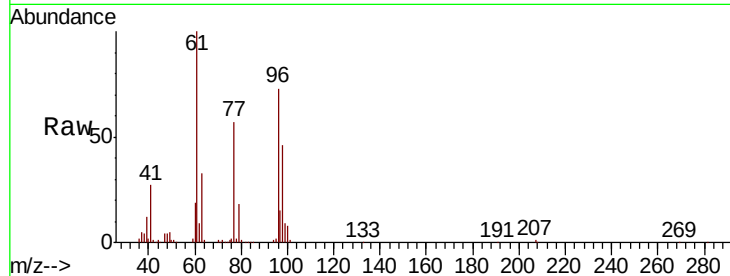


#27

cis-1,2-Dichloroethene  
 Concen: 52.003 ug/l  
 RT: 4.57 min Scan# 571  
 Delta R.T. -0.00 min  
 Lab File: VX016294.D  
 Acq: 15 May 2020 20:21

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

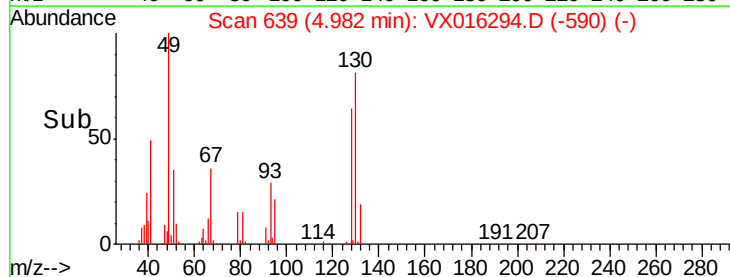
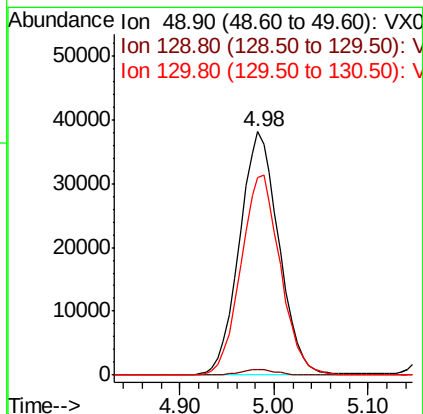
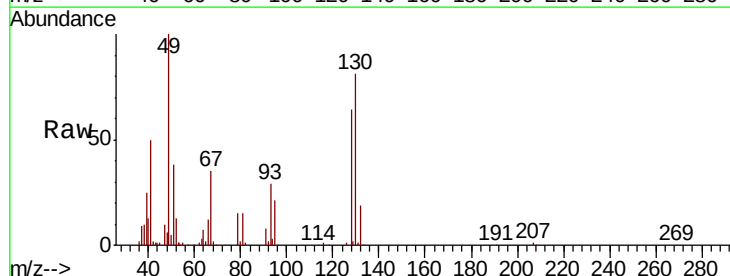
Tot Ion: 96 Resp: 160733  
 Ion Ratio Lower Upper  
 96 100  
 61 139.5 0.0 296.2  
 98 64.4 0.0 129.4

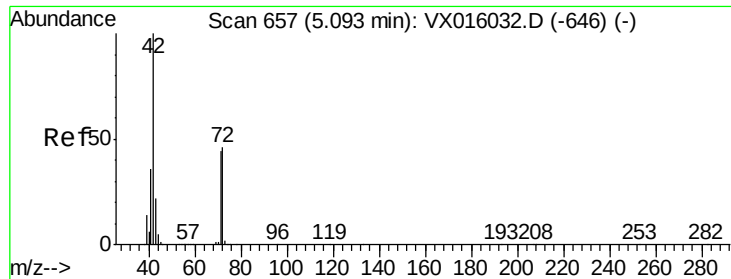


#28

Bromochloromethane  
 Concen: 49.892 ug/l  
 RT: 4.98 min Scan# 639  
 Delta R.T. -0.00 min  
 Lab File: VX016294.D  
 Acq: 15 May 2020 20:21

Tgt Ion: 49 Resp: 111685  
 Ion Ratio Lower Upper  
 49 100  
 129 2.3 0.0 4.0  
 130 82.1 62.4 93.6





#29

Tetrahydrofuran

Concen: 256.346 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

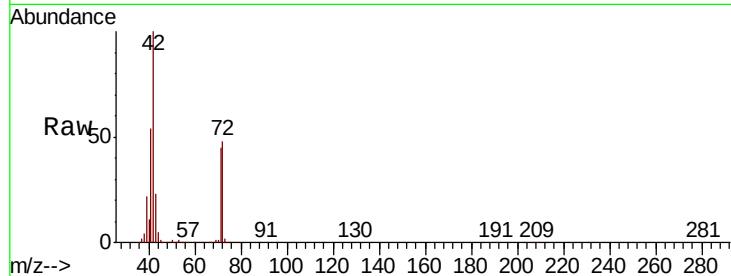
Tot Ion: 42 Resp: 392220

Ion Ratio Lower Upper

42 100

72 48.8 37.1 55.7

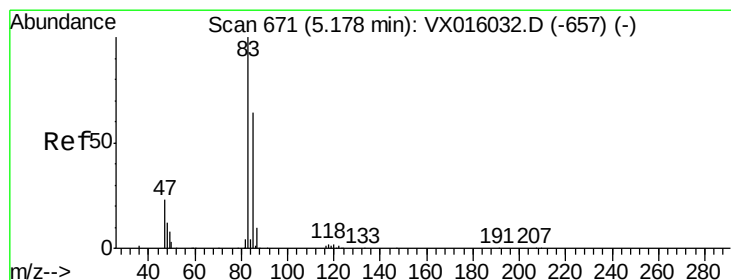
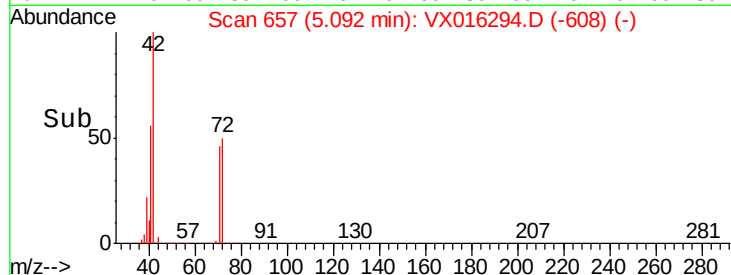
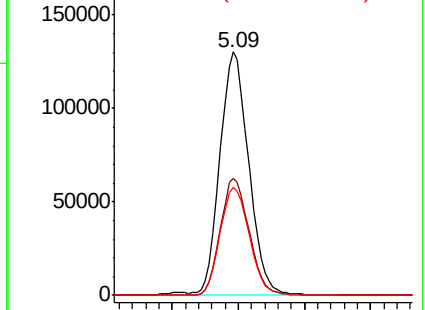
71 45.1 34.5 51.7



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: 52.227 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016294.D

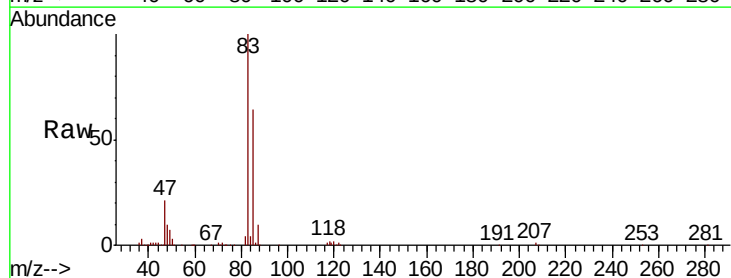
Acq: 15 May 2020 20:21

Tgt Ion: 83 Resp: 255286

Ion Ratio Lower Upper

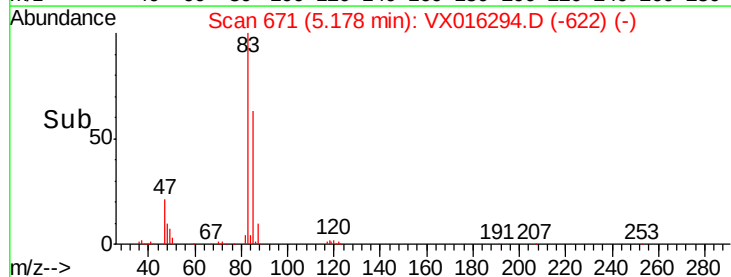
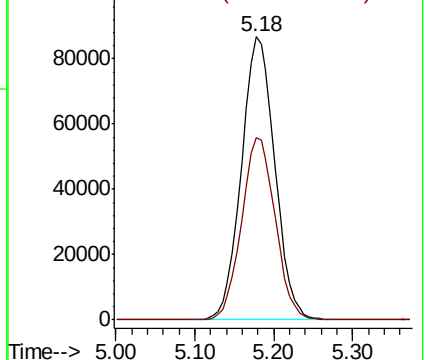
83 100

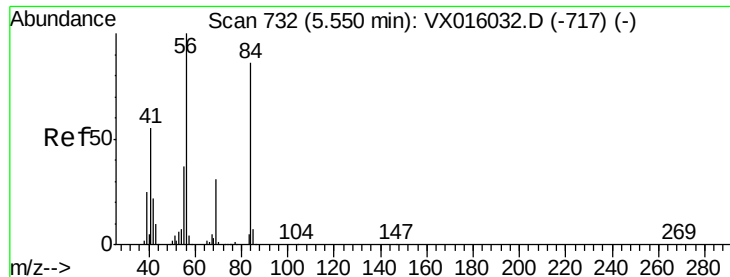
85 64.2 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

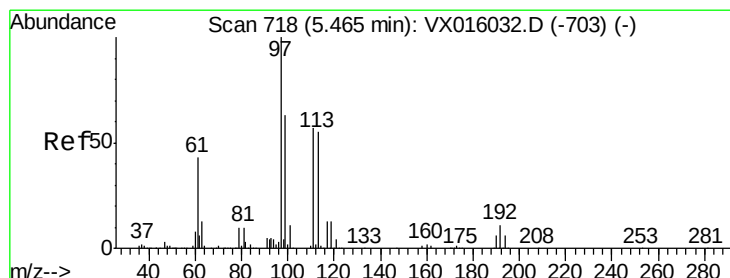
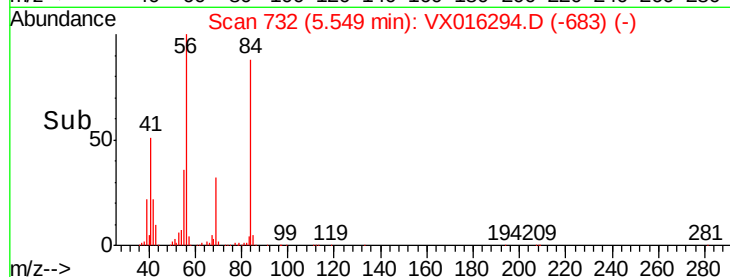
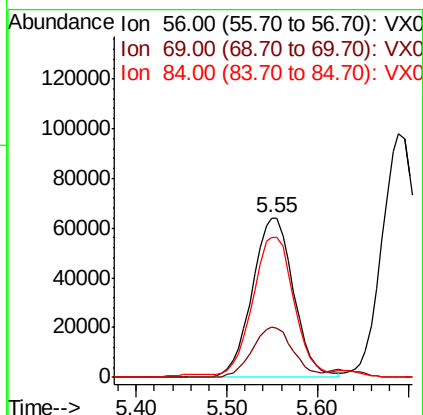
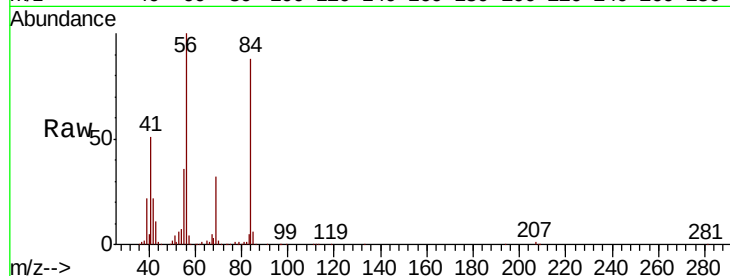




#31  
Cyclohexane  
Concen: 45.295 ug/l  
RT: 5.55 min Scan# 732  
Delta R.T. -0.00 min  
Lab File: VX016294.D  
Acq: 15 May 2020 20:21

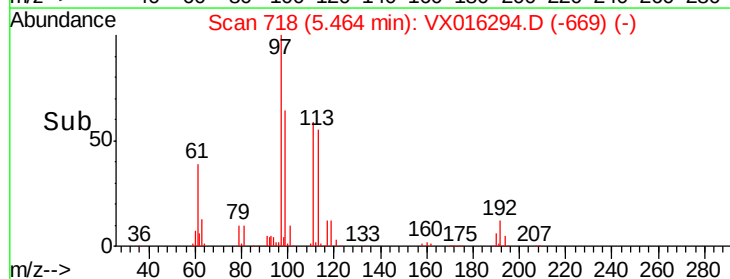
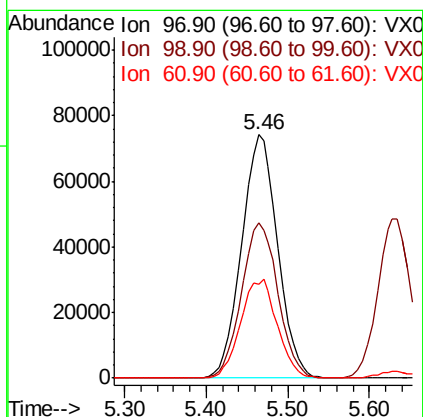
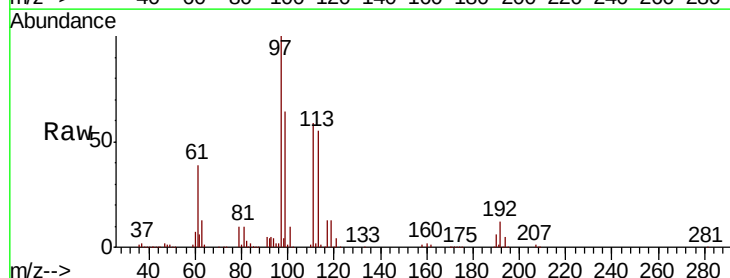
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

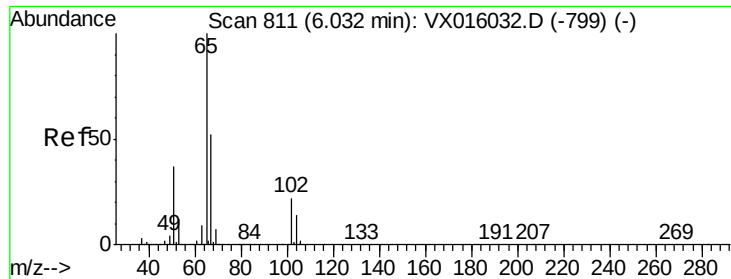
Tot Ion: 56 Resp: 202090  
Ion Ratio Lower Upper  
56 100  
69 31.9 25.0 37.6  
84 85.8 69.0 103.6



#32  
1,1,1-Trichloroethane  
Concen: 51.248 ug/l  
RT: 5.46 min Scan# 718  
Delta R.T. -0.00 min  
Lab File: VX016294.D  
Acq: 15 May 2020 20:21

Tgt Ion: 97 Resp: 227698  
Ion Ratio Lower Upper  
97 100  
99 64.4 51.0 76.4  
61 41.4 34.5 51.7

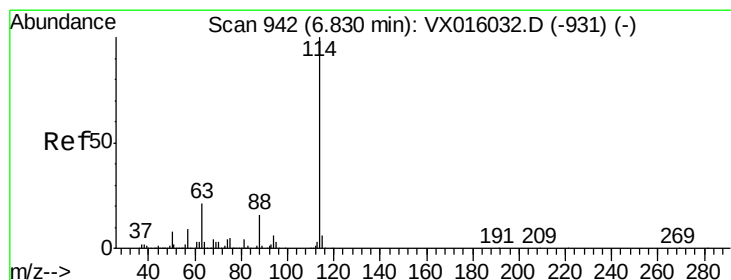
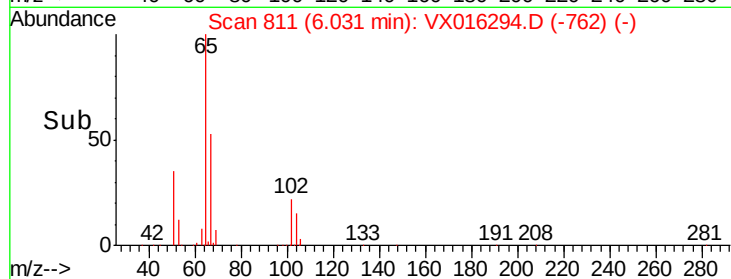
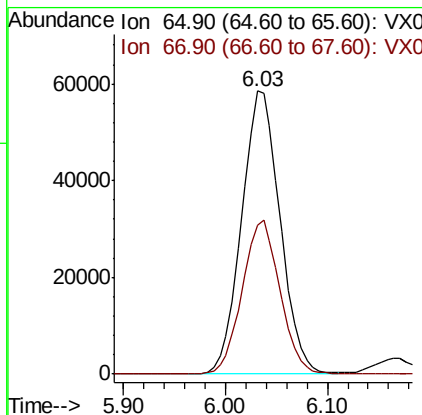
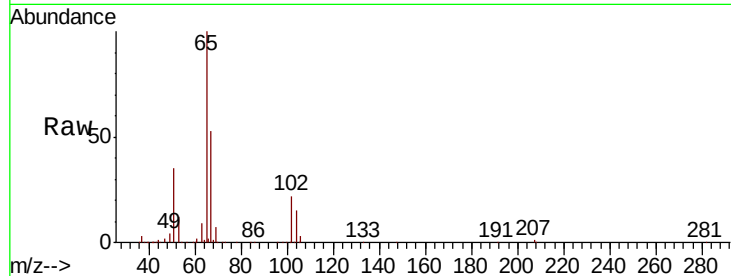




#33  
 1,2-Dichloroethane-d4  
 Concen: 47.872 ug/l  
 RT: 6.03 min Scan# 811  
 Delta R.T. -0.00 min  
 Lab File: VX016294.D  
 Acq: 15 May 2020 20:21

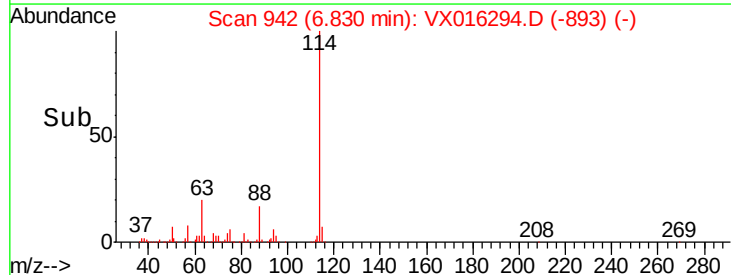
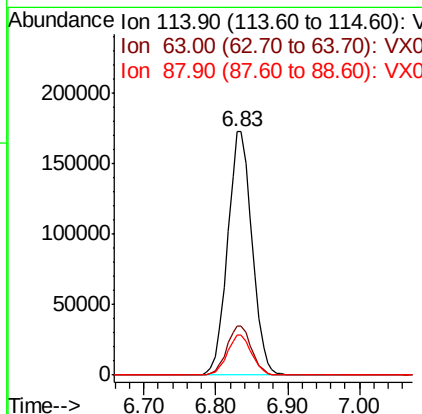
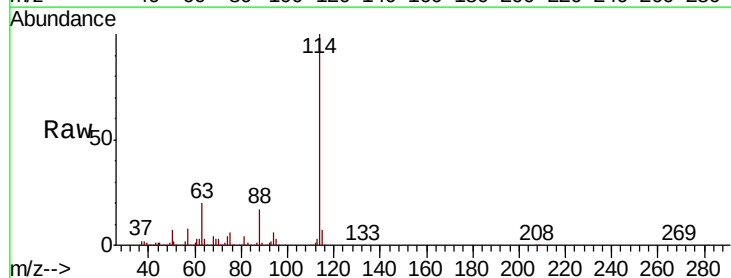
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

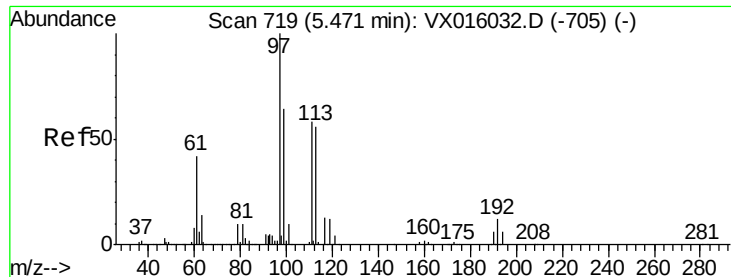
Tot Ion: 65 Resp: 153748  
 Ion Ratio Lower Upper  
 65 100  
 67 53.4 0.0 104.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.83 min Scan# 942  
 Delta R.T. -0.00 min  
 Lab File: VX016294.D  
 Acq: 15 May 2020 20:21

Tgt Ion: 114 Resp: 408117  
 Ion Ratio Lower Upper  
 114 100  
 63 20.1 0.0 42.8  
 88 16.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.296 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

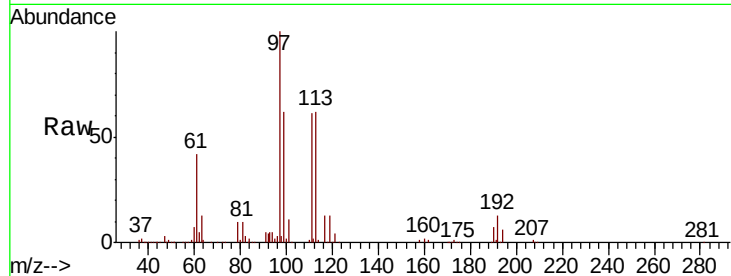
Tot Ion:113 Resp: 124873

Ion Ratio Lower Upper

113 100

111 102.2 81.6 122.4

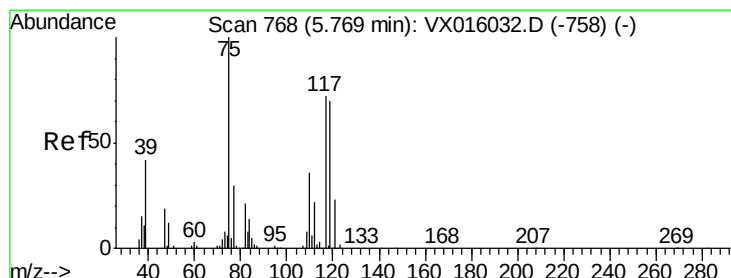
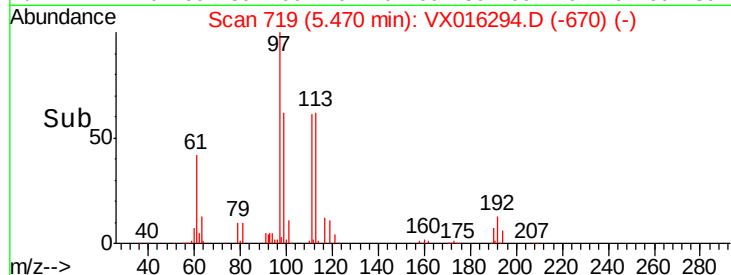
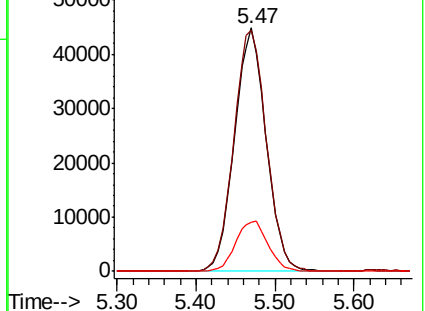
192 21.2 17.0 25.4



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: 47.204 ug/l

RT: 5.77 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

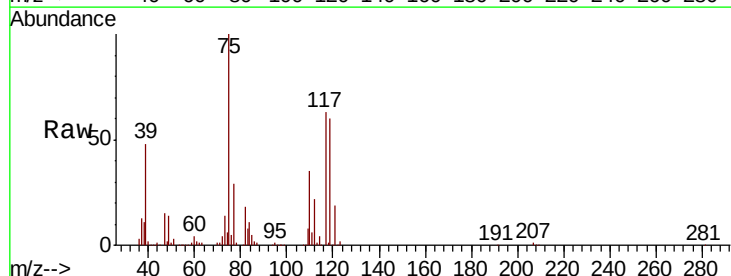
Tgt Ion: 75 Resp: 189634

Ion Ratio Lower Upper

75 100

110 35.6 18.1 54.1

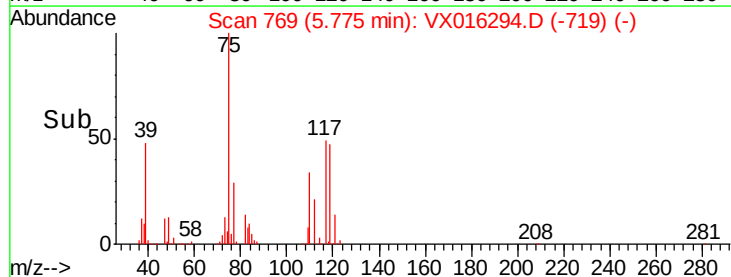
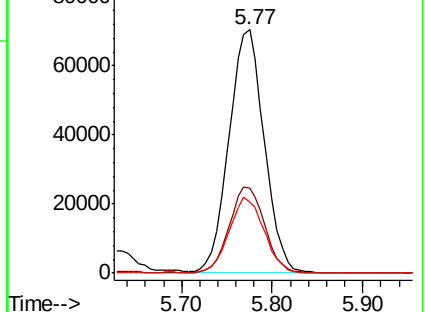
77 30.9 25.0 37.6

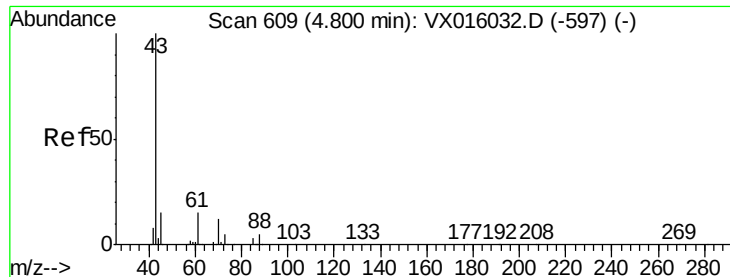


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

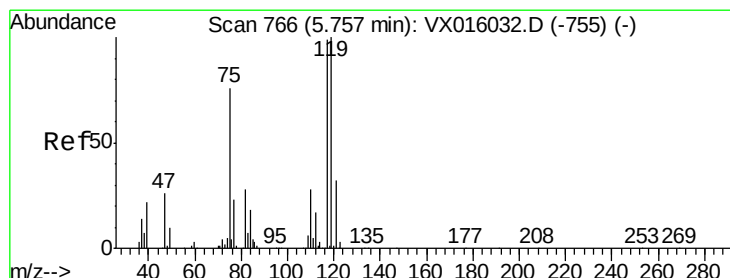
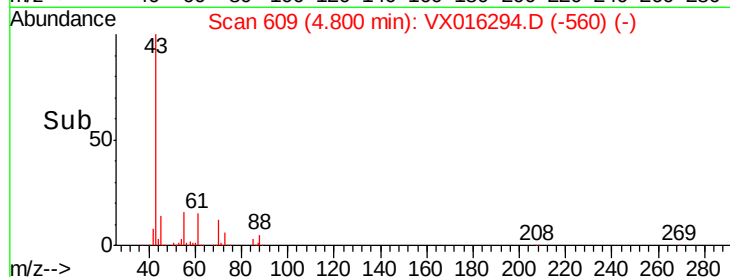
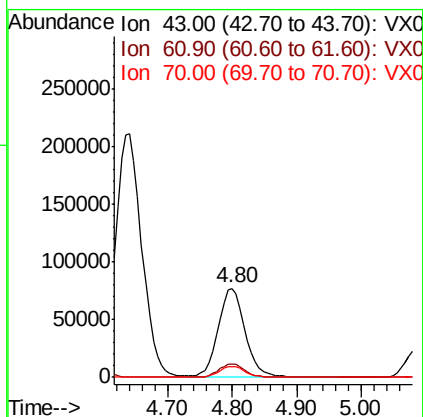
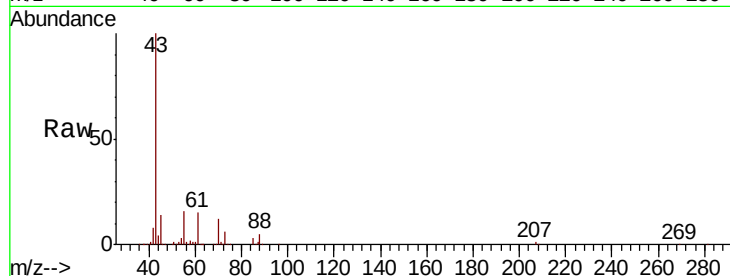




#37  
Ethyl Acetate  
Concen: 48.640 ug/l  
RT: 4.80 min Scan# 609  
Delta R.T. -0.00 min  
Lab File: VX016294.D  
Acq: 15 May 2020 20:21

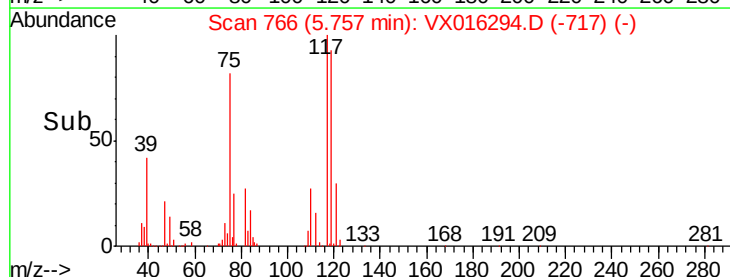
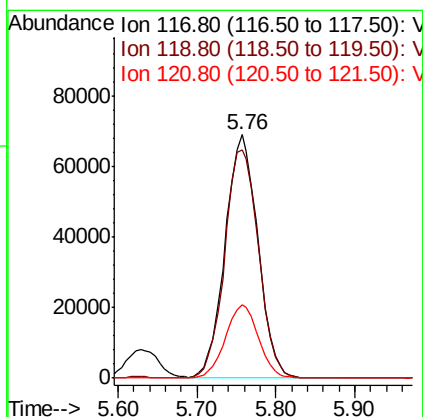
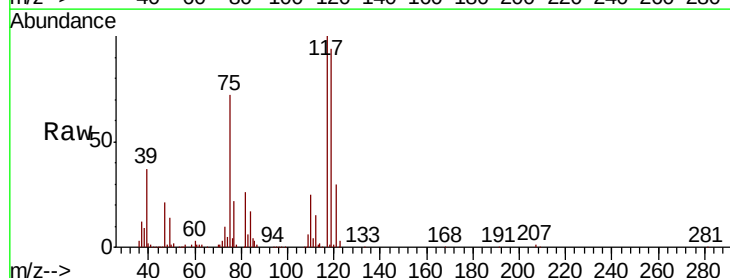
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 226478  
Ion Ratio Lower Upper  
43 100  
61 15.2 11.7 17.5  
70 12.3 9.3 13.9

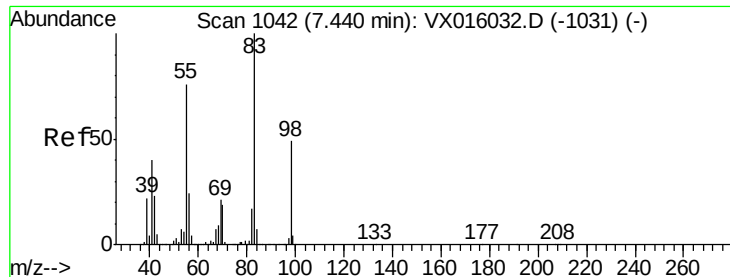


#38  
Carbon Tetrachloride  
Concen: 48.804 ug/l  
RT: 5.76 min Scan# 766  
Delta R.T. -0.00 min  
Lab File: VX016294.D  
Acq: 15 May 2020 20:21

Tgt Ion: 117 Resp: 199285  
Ion Ratio Lower Upper  
117 100  
119 93.6 80.3 120.5  
121 30.2 25.7 38.5



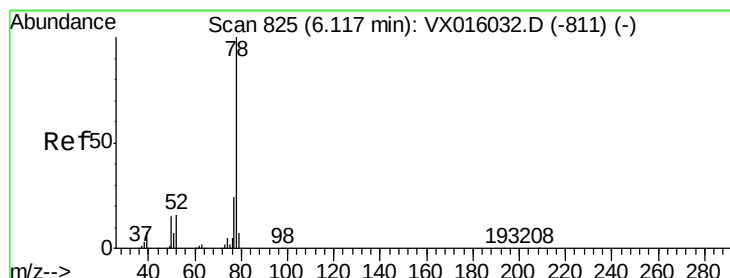
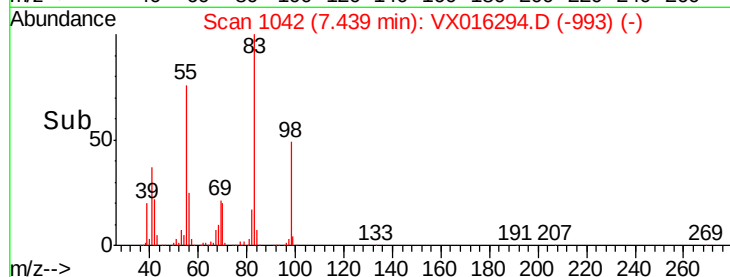
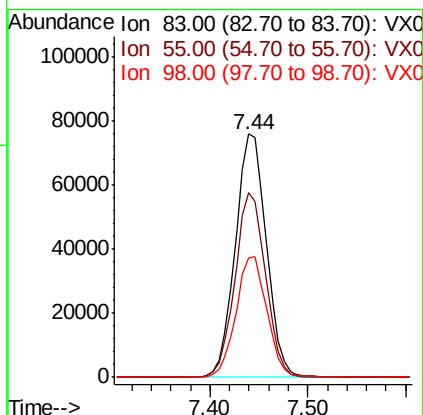
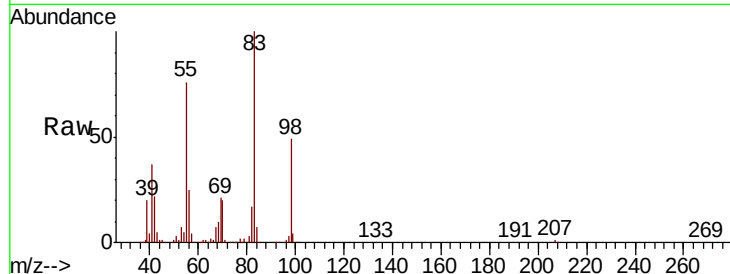




#39  
Methylvlcyclohexane  
Concen: 34.639 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: VX016294.D  
Acq: 15 May 2020 20:21

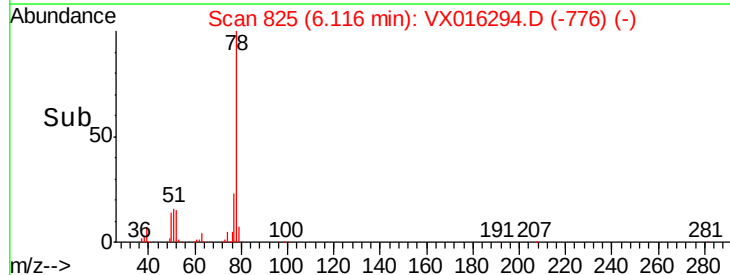
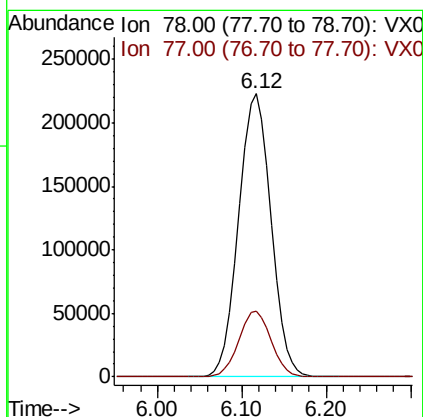
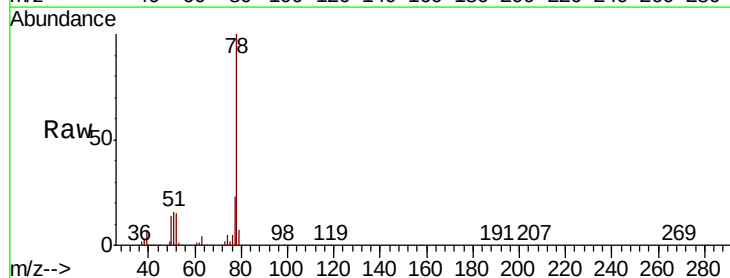
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

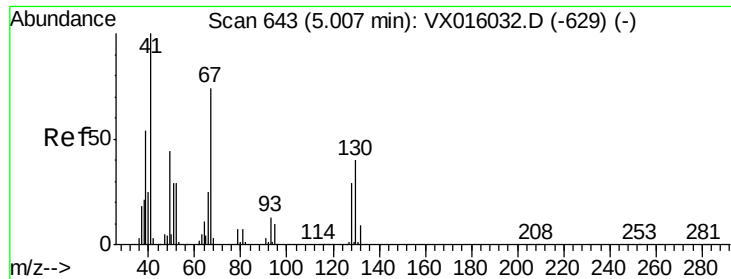
Tot Ion: 83 Resp: 167582  
Ion Ratio Lower Upper  
83 100  
55 75.6 61.1 91.7  
98 49.3 39.0 58.4



#40  
Benzene  
Concen: 49.443 ug/l  
RT: 6.12 min Scan# 825  
Delta R.T. -0.00 min  
Lab File: VX016294.D  
Acq: 15 May 2020 20:21

Tgt Ion: 78 Resp: 581174  
Ion Ratio Lower Upper  
78 100  
77 23.1 19.0 28.4

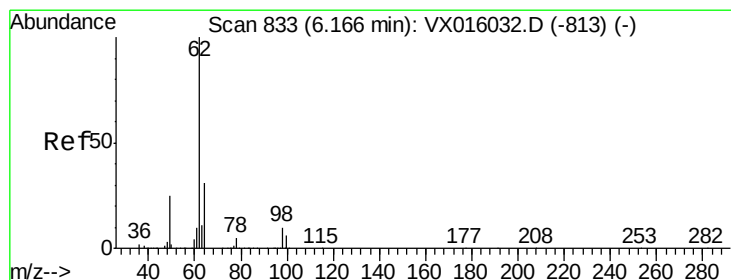
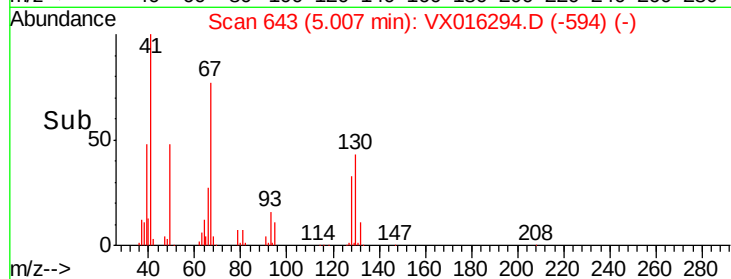
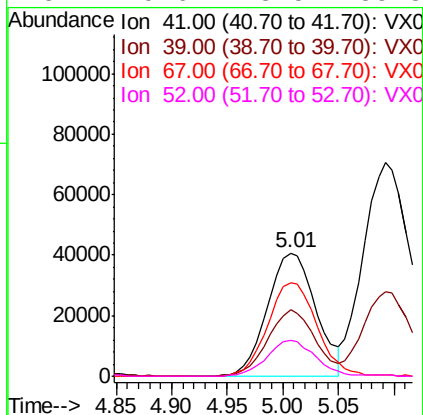
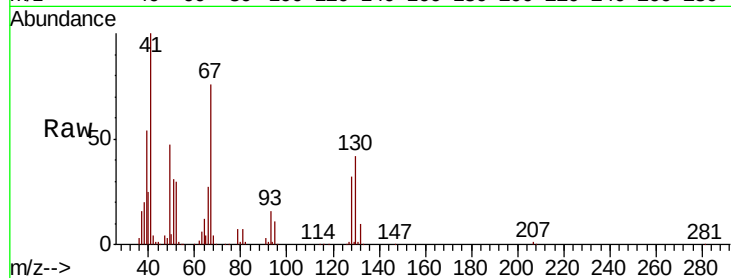




#41  
Methacrylonitrile  
Concen: 49.098 ug/l  
RT: 5.01 min Scan# 643  
Delta R.T. -0.00 min  
Lab File: VX016294.D  
Acq: 15 May 2020 20:21

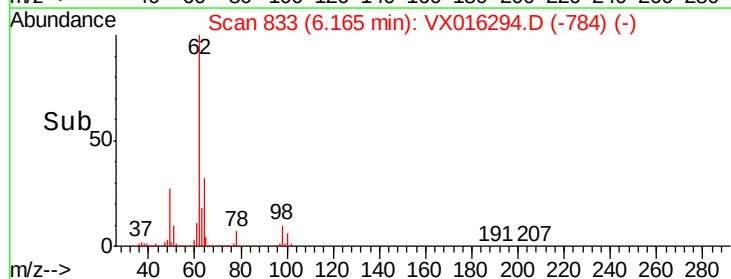
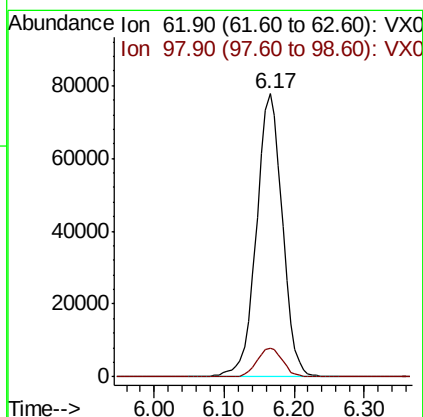
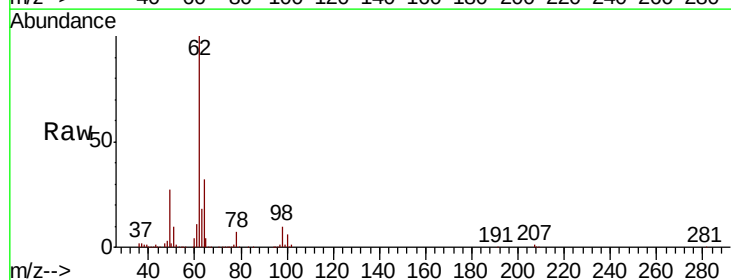
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

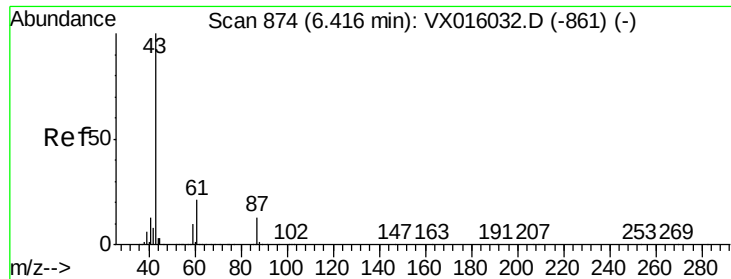
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 123460 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 52.1  | 43.2  | 64.8   |
| 67       | 77.4  | 59.3  | 88.9   |
| 52       | 29.6  | 23.5  | 35.3   |



#42  
1,2-Dichloroethane  
Concen: 47.531 ug/l  
RT: 6.17 min Scan# 833  
Delta R.T. -0.00 min  
Lab File: VX016294.D  
Acq: 15 May 2020 20:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 201264 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.2  | 0.0   | 19.4   |





#43

Isopropyl Acetate

Concen: 48.557 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

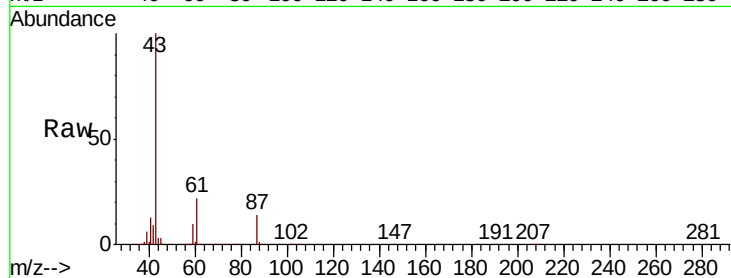
Tot Ion: 43 Resp: 360736

Ion Ratio Lower Upper

43 100

61 22.2 17.0 25.4

87 14.5 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

6.42

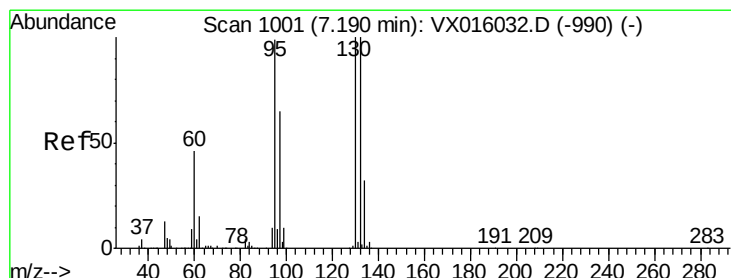
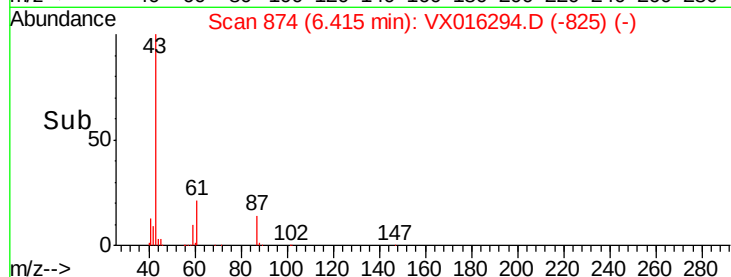
150000

100000

50000

0

Time-->



#44

Trichloroethene

Concen: 40.227 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016294.D

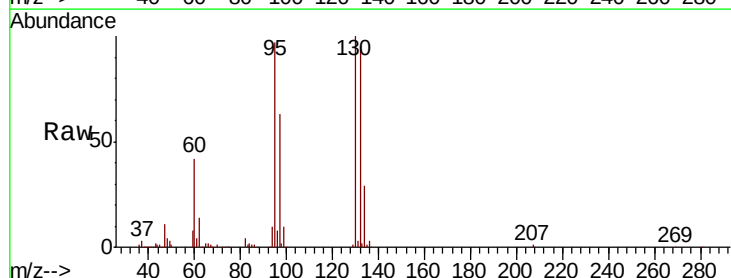
Acq: 15 May 2020 20:21

Tgt Ion:130 Resp: 167988

Ion Ratio Lower Upper

130 100

95 97.4 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

80000

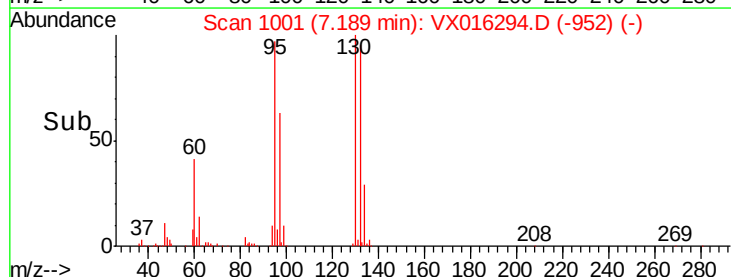
60000

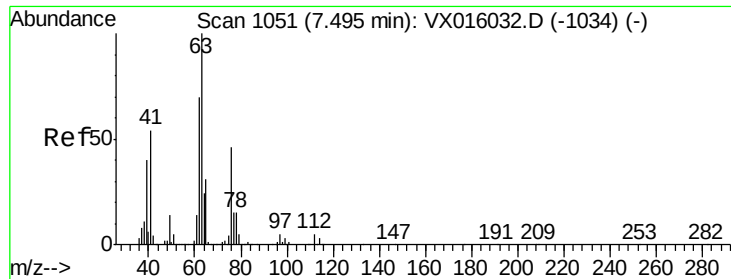
40000

20000

0

Time-->

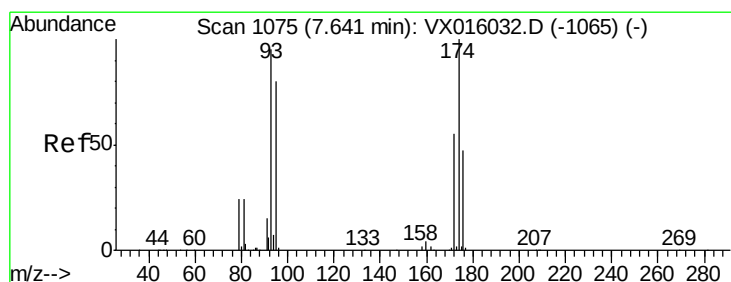
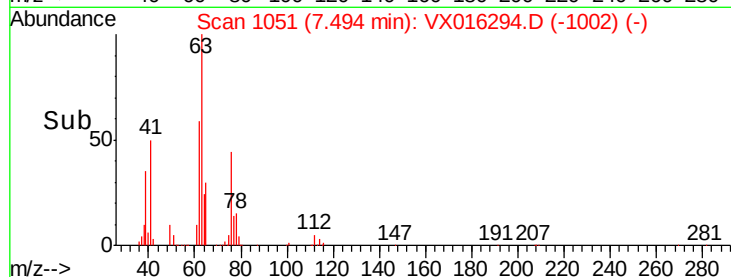
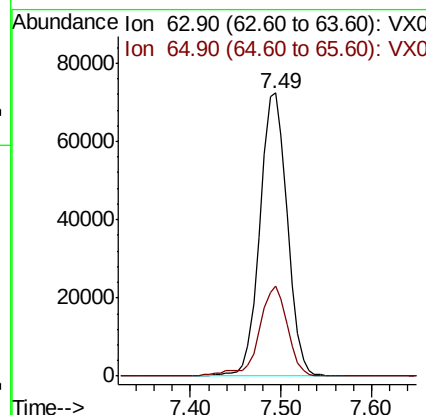
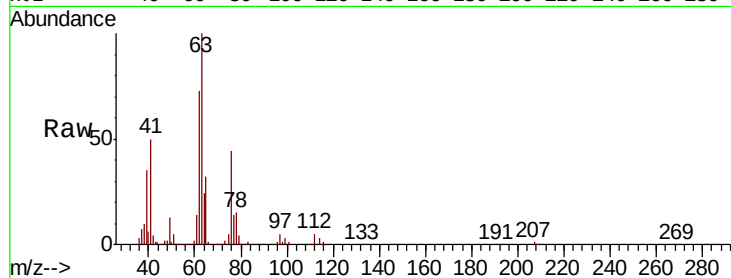




#45  
 1,2-Dichloropropane  
 Concen: 50.831 ug/l  
 RT: 7.49 min Scan# 1051  
 Delta R.T. -0.00 min  
 Lab File: VX016294.D  
 Acq: 15 May 2020 20:21

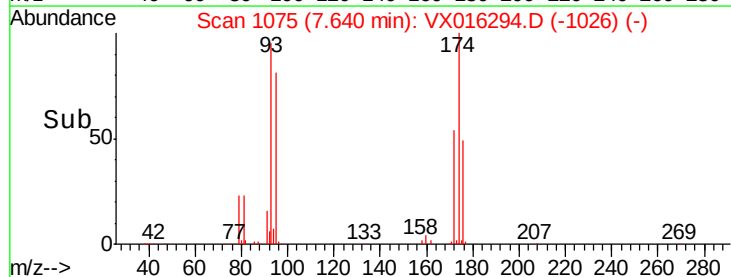
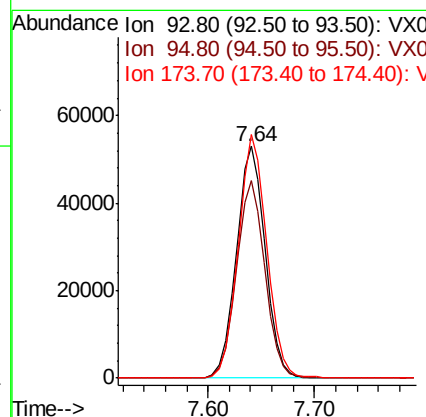
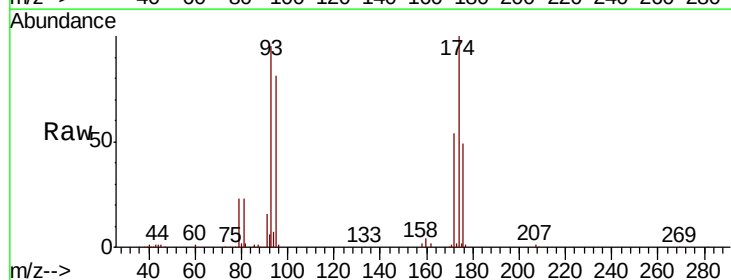
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

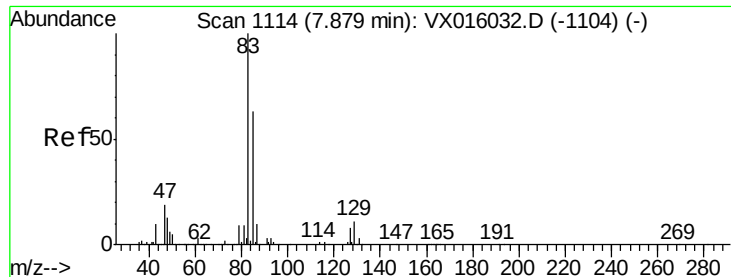
Tot Ion: 63 Resp: 151185  
 Ion Ratio Lower Upper  
 63 100  
 65 31.6 24.4 36.6



#46  
 Dibromomethane  
 Concen: 49.637 ug/l  
 RT: 7.64 min Scan# 1075  
 Delta R.T. -0.00 min  
 Lab File: VX016294.D  
 Acq: 15 May 2020 20:21

Tgt Ion: 93 Resp: 100329  
 Ion Ratio Lower Upper  
 93 100  
 95 84.2 66.6 100.0  
 174 104.1 84.2 126.4





#47

Bromodichloromethane

Concen: 50.828 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

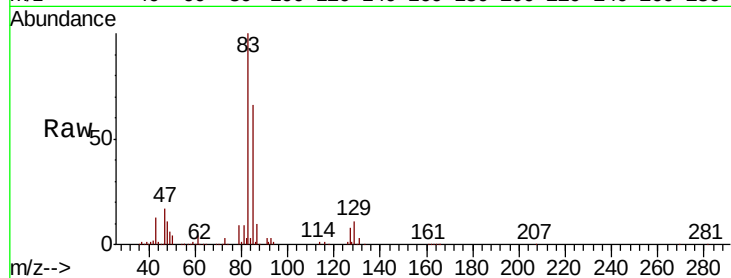
Tot Ion: 83 Resp: 209236

Ion Ratio Lower Upper

83 100

85 65.6 50.5 75.7

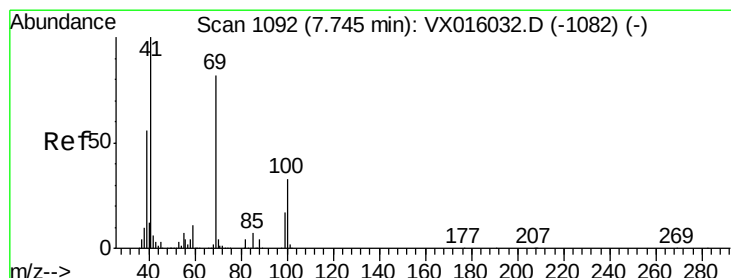
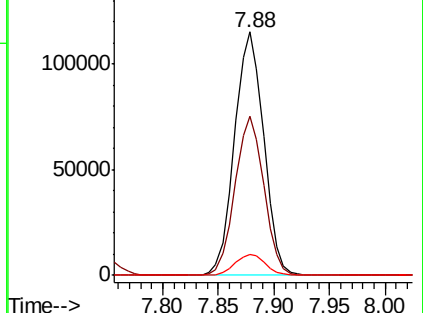
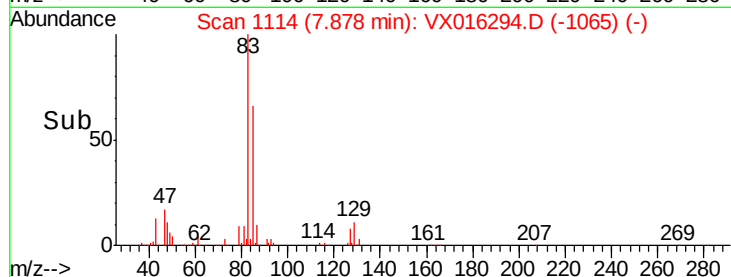
127 8.5 6.7 10.1



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: 48.598 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

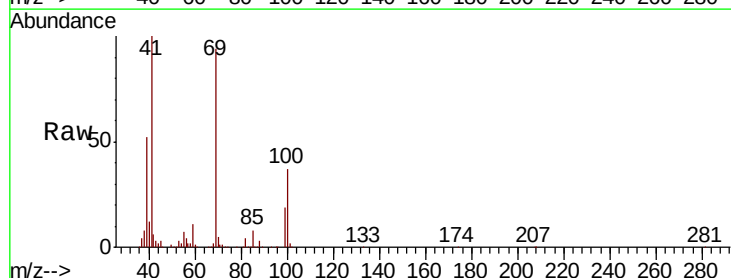
Tgt Ion: 41 Resp: 171080

Ion Ratio Lower Upper

41 100

69 90.6 67.8 101.6

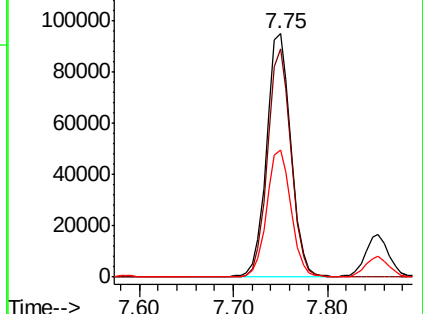
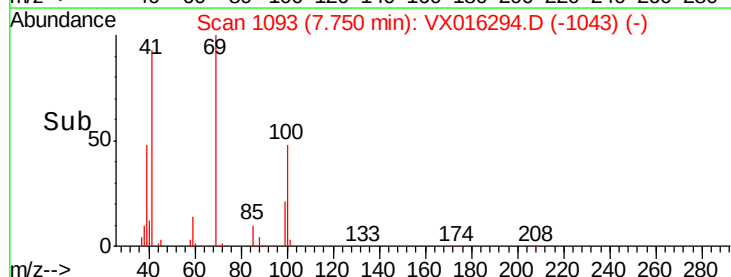
39 52.3 44.6 67.0

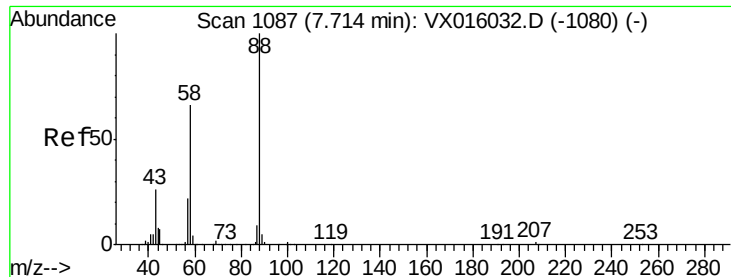


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

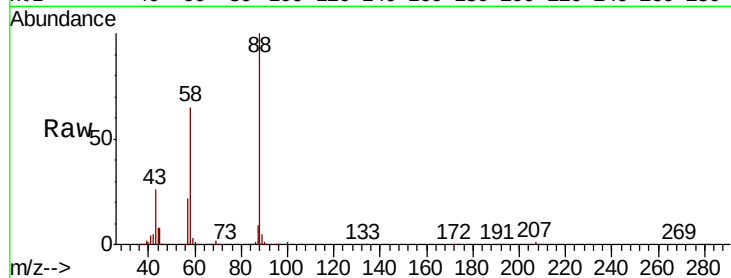




#49  
1,4-Dioxane  
Concen: 952.598 ug/l  
RT: 7.71 min Scan# 1087  
Delta R.T. -0.00 min  
Lab File: VX016294.D  
Acq: 15 May 2020 20:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 29.3  | 25.3  | 37.9  |
| 58      | 68.2  | 55.9  | 83.9  |

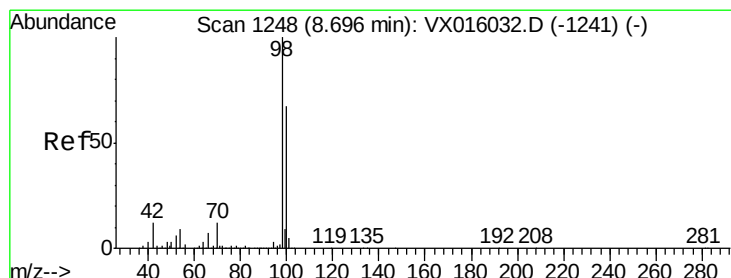
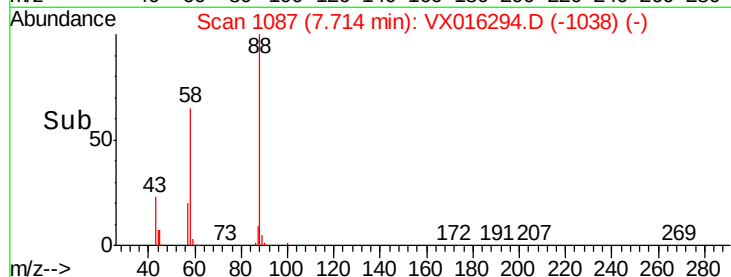
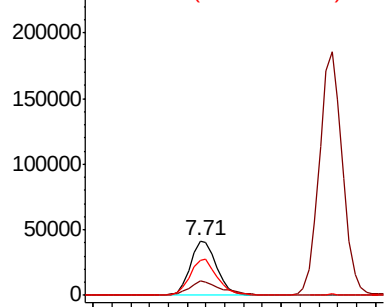


Abundance

Ion 88.00 (87.70 to 88.70): VX0

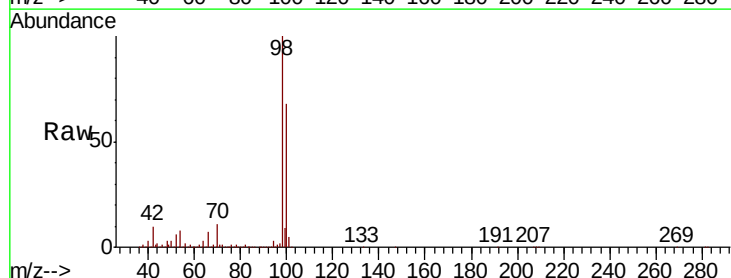
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50  
Toluene-d8  
Concen: 49.023 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. -0.00 min  
Lab File: VX016294.D  
Acq: 15 May 2020 20:21

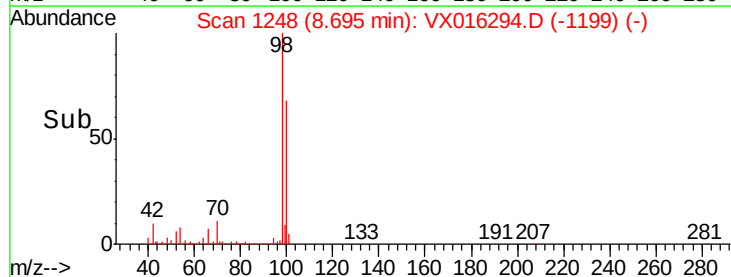
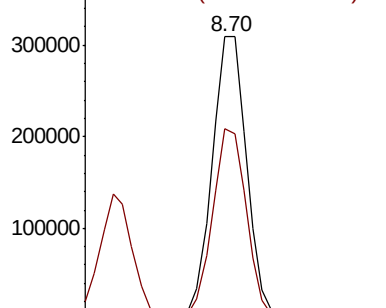
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 66.8  | 53.7  | 80.5  |

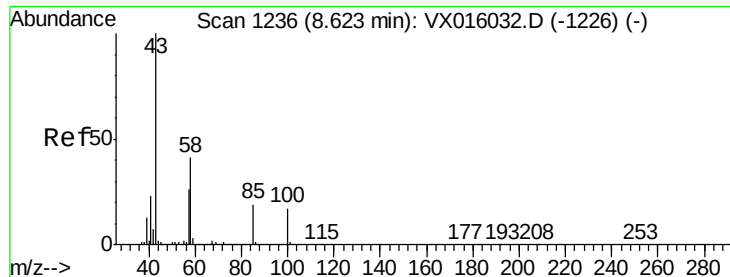


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

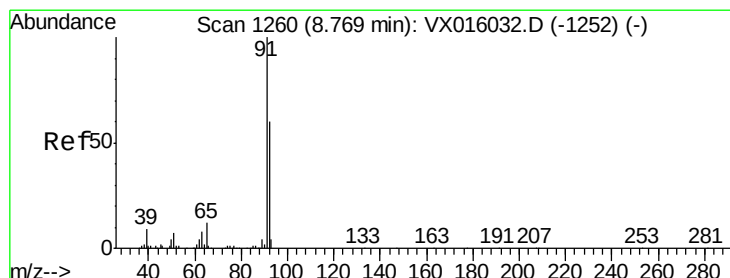
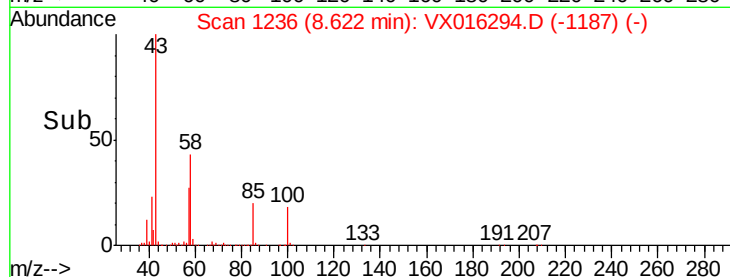
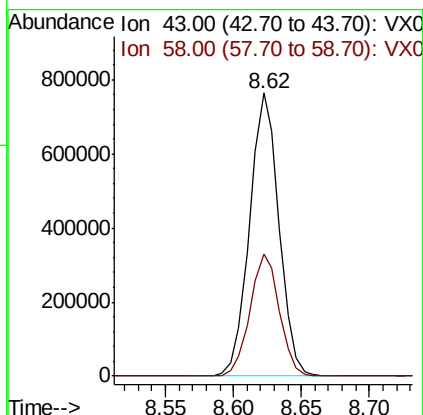
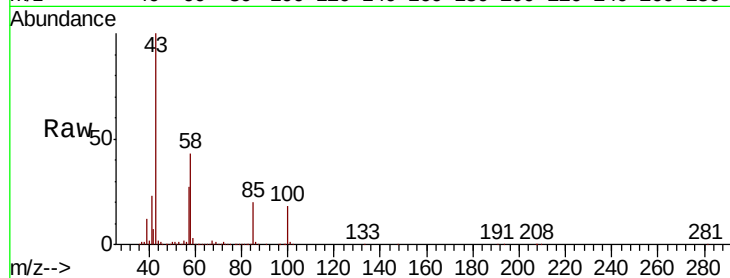




#51  
 4-Methyl-2-Pentanone  
 Concen: 254.558 ug/l  
 RT: 8.62 min Scan# 1236  
 Delta R.T. -0.00 min  
 Lab File: VX016294.D  
 Acq: 15 May 2020 20:21

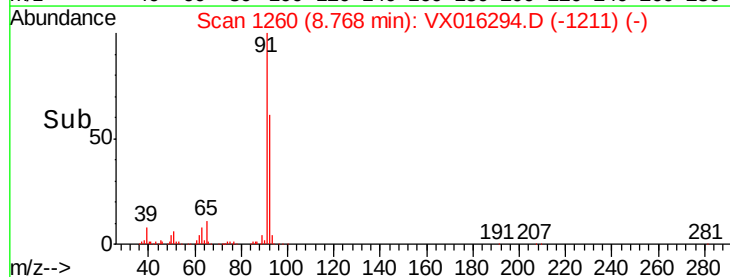
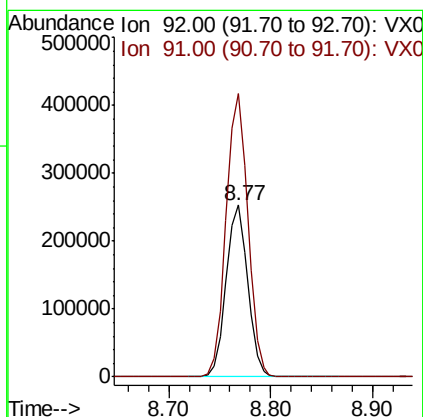
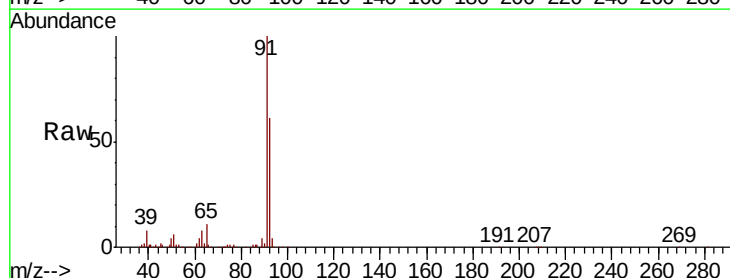
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

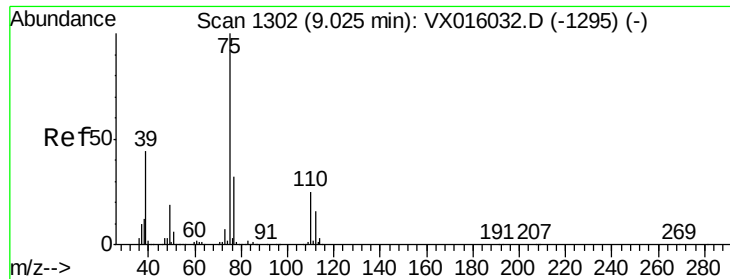
Tot Ion: 43 Resp: 1157272  
 Ion Ratio Lower Upper  
 43 100  
 58 43.1 33.0 49.4



#52  
 Toluene  
 Concen: 50.517 ug/l  
 RT: 8.77 min Scan# 1260  
 Delta R.T. -0.00 min  
 Lab File: VX016294.D  
 Acq: 15 May 2020 20:21

Tgt Ion: 92 Resp: 370127  
 Ion Ratio Lower Upper  
 92 100  
 91 167.1 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 48.841 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA\_X

ClientSampleId :

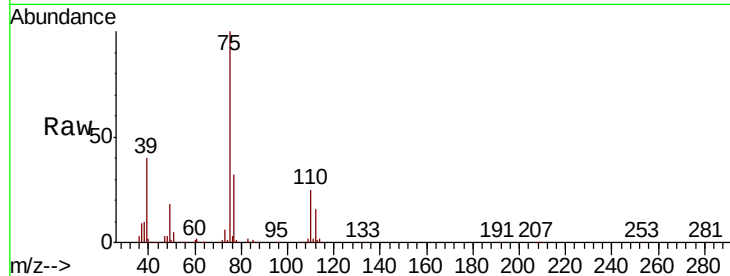
VSTDCCC050EC

Tot Ion: 75 Resp: 239723

Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

200000

150000

100000

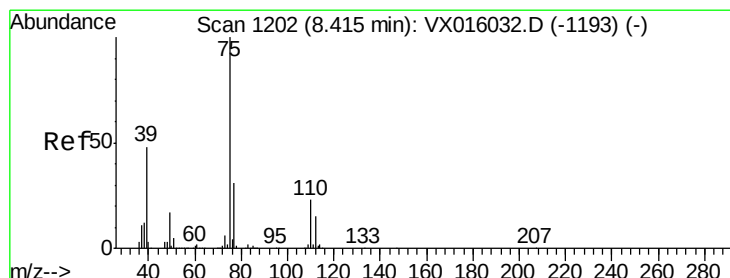
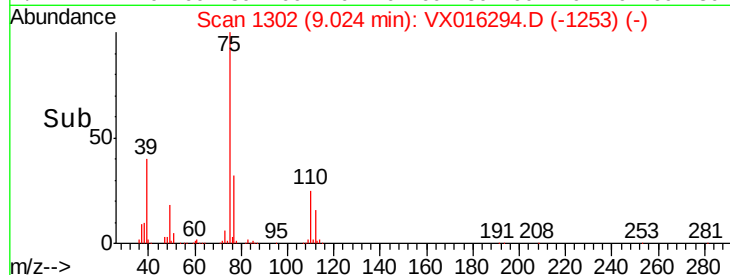
50000

0

9.02

9.00 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.100 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

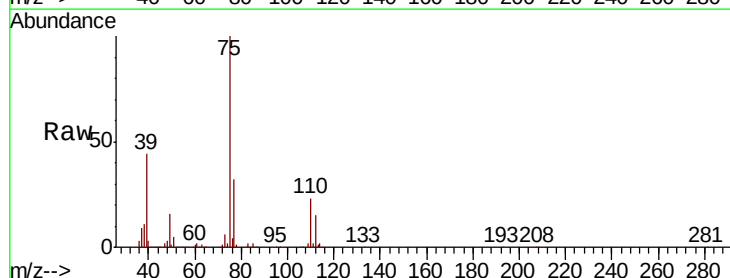
Tgt Ion: 75 Resp: 251719

Ion Ratio Lower Upper

75 100

77 32.1 24.7 37.1

39 43.9 38.7 58.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

200000

150000

100000

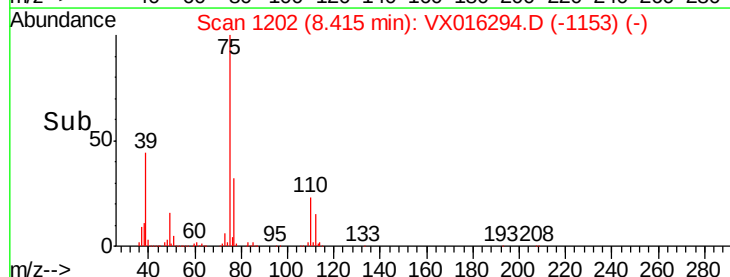
50000

0

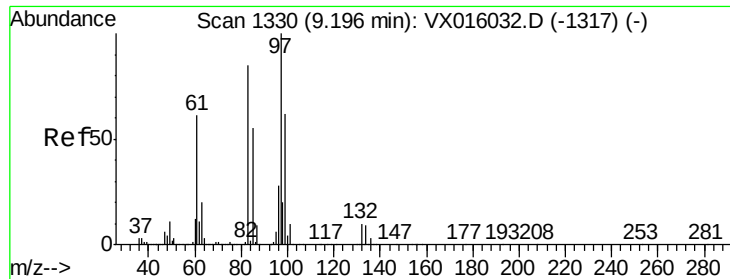
8.41

8.35 8.40 8.45 8.50

Time-->



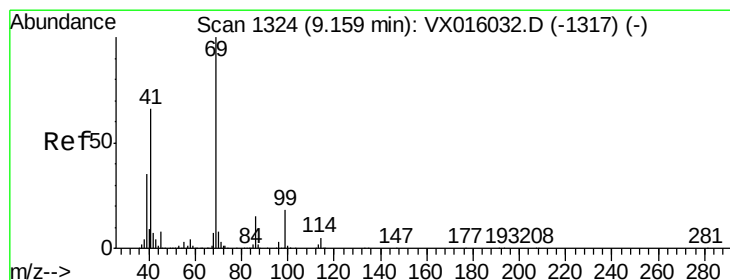
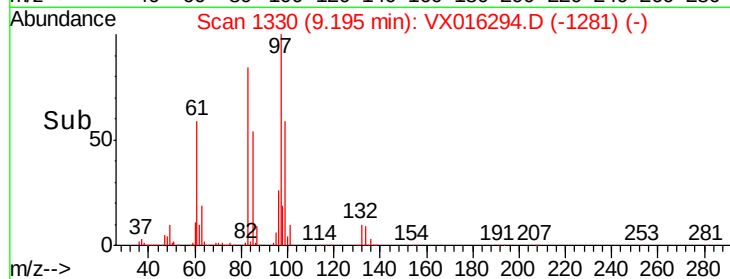
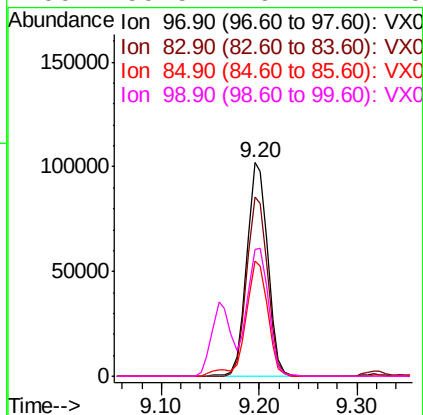
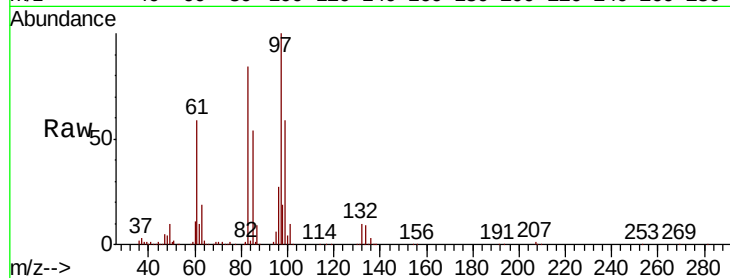




#55  
 1,1,2-Trichloroethane  
 Concen: 52.627 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. -0.00 min  
 Lab File: VX016294.D  
 Acq: 15 May 2020 20:21

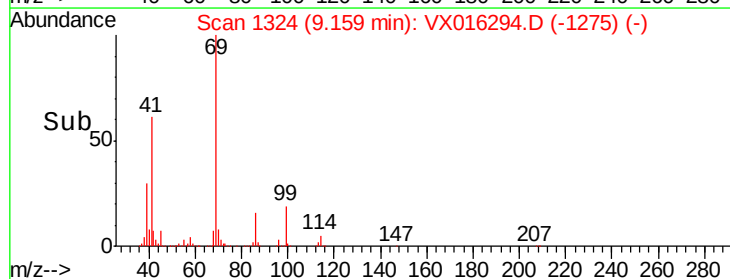
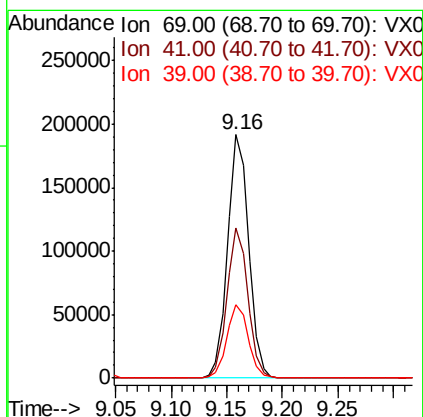
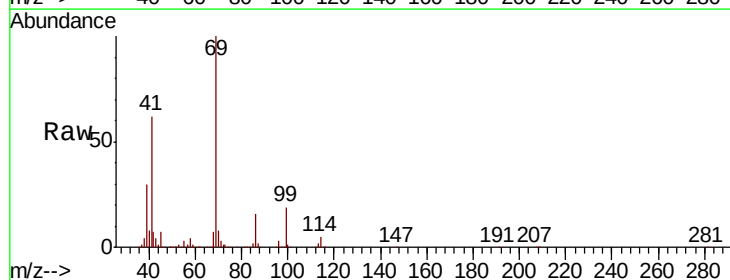
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

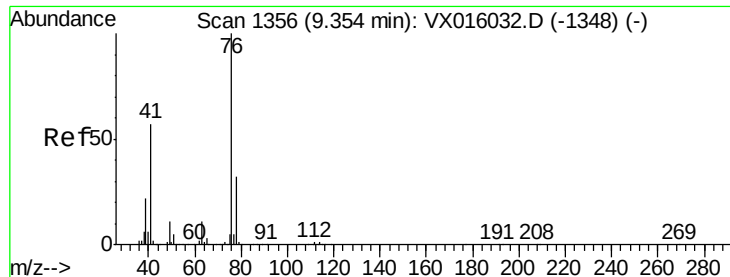
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 151705 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 83.7  | 67.8  | 101.8  |
| 85       | 54.2  | 43.8  | 65.8   |
| 99       | 59.5  | 49.4  | 74.0   |



#56  
 Ethyl methacrylate  
 Concen: 53.528 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: VX016294.D  
 Acq: 15 May 2020 20:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 251866 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 60.8  | 52.2  | 78.4   |
| 39       | 30.5  | 28.2  | 42.4   |





#57

1,3-Dichloropropane

Concen: 51.808 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA\_X

ClientSampleId :

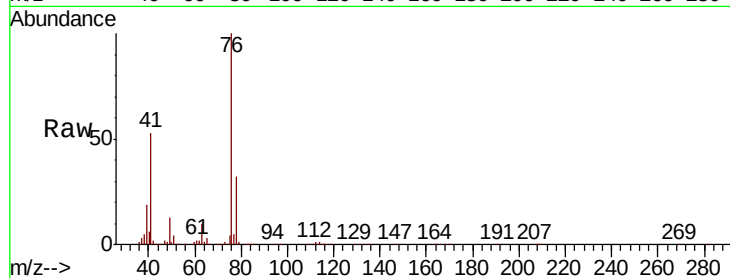
VSTDCCC050EC

Tot Ion: 76 Resp: 260587

Ion Ratio Lower Upper

76 100

78 32.3 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

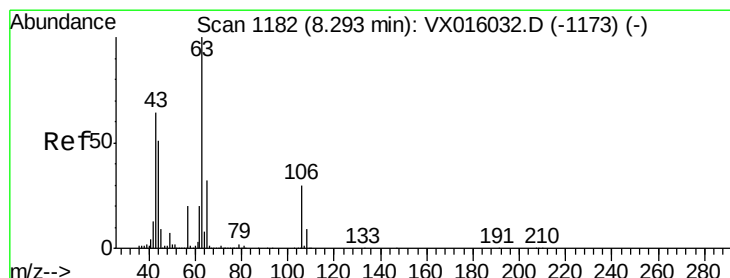
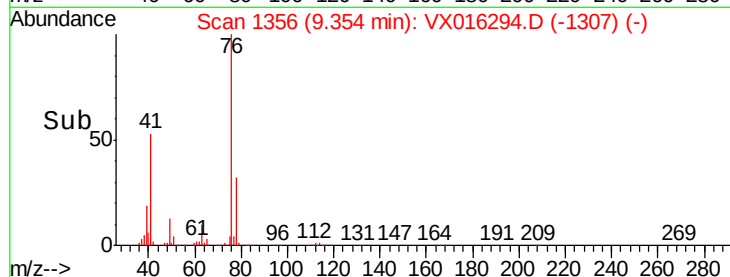
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 248.581 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016294.D

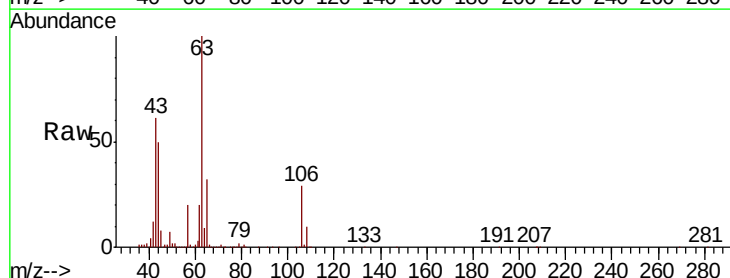
Acq: 15 May 2020 20:21

Tgt Ion: 63 Resp: 622698

Ion Ratio Lower Upper

63 100

106 30.0 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

400000

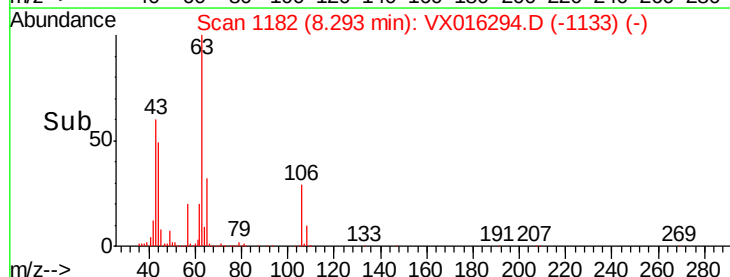
300000

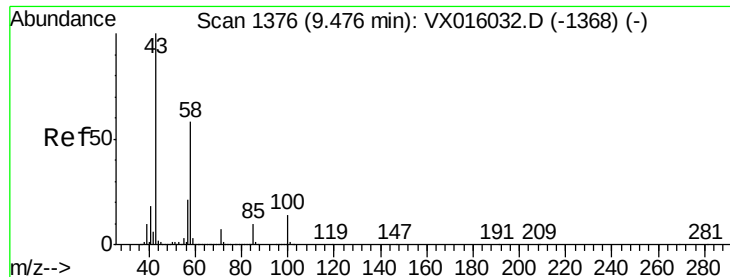
200000

100000

0

Time-->

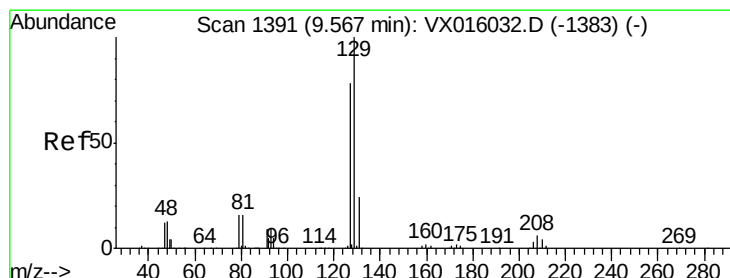
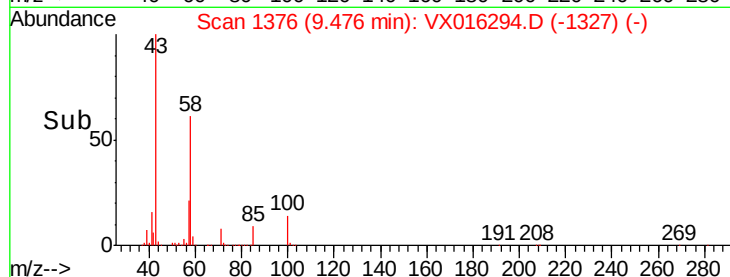
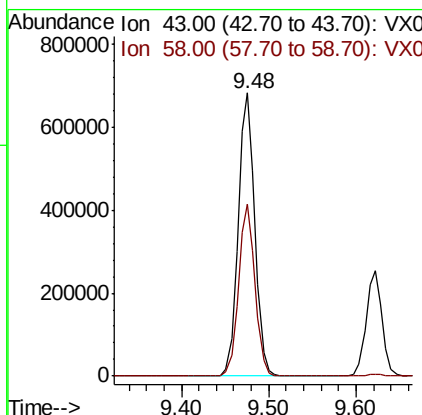
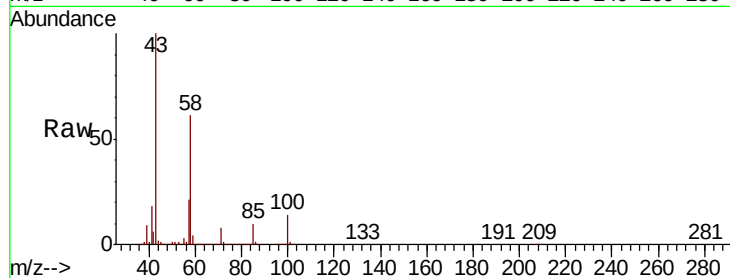




#59  
2-Hexanone  
Concen: 254.162 ug/l  
RT: 9.48 min Scan# 1376  
Delta R.T. -0.00 min  
Lab File: VX016294.D  
Acq: 15 May 2020 20:21

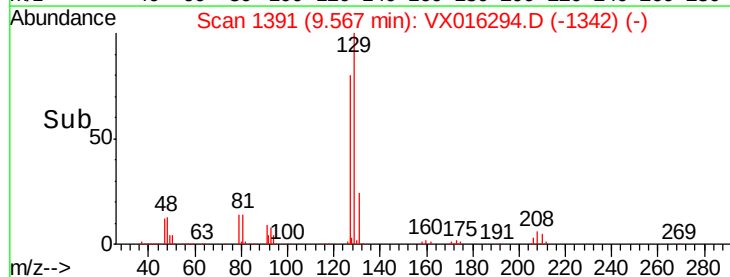
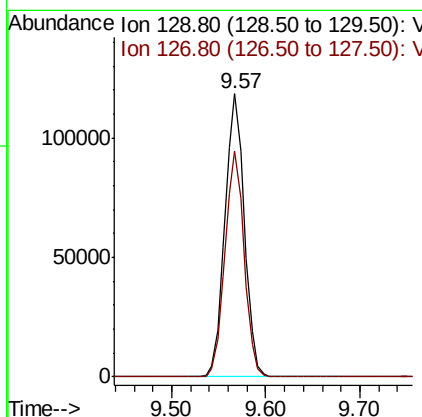
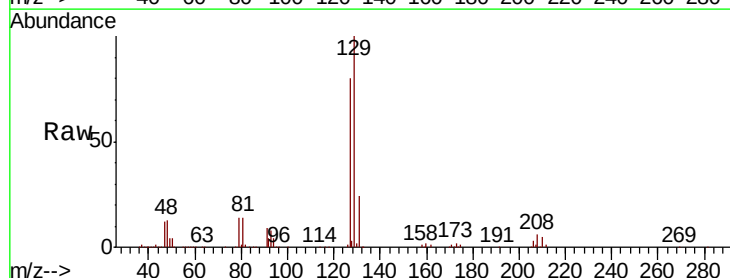
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

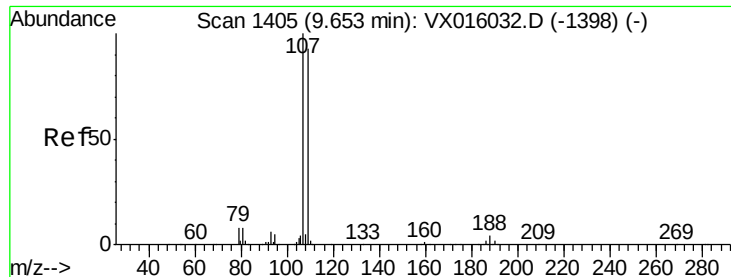
Tot Ion: 43 Resp: 907420  
Ion Ratio Lower Upper  
43 100  
58 59.9 28.6 85.9



#60  
Dibromochloromethane  
Concen: 53.335 ug/l  
RT: 9.57 min Scan# 1391  
Delta R.T. -0.00 min  
Lab File: VX016294.D  
Acq: 15 May 2020 20:21

Tgt Ion: 129 Resp: 169329  
Ion Ratio Lower Upper  
129 100  
127 78.5 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.448 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA\_X

ClientSampleId :

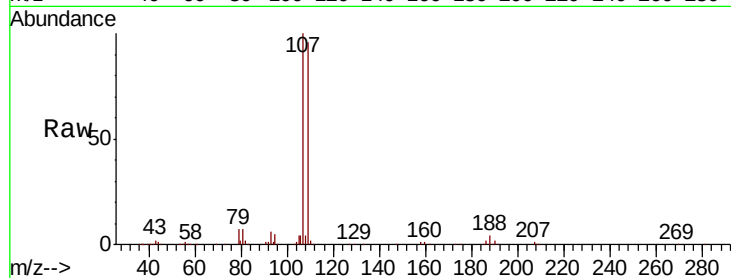
VSTDCCC050EC

Tot Ion: 107 Resp: 160642

Ion Ratio Lower Upper

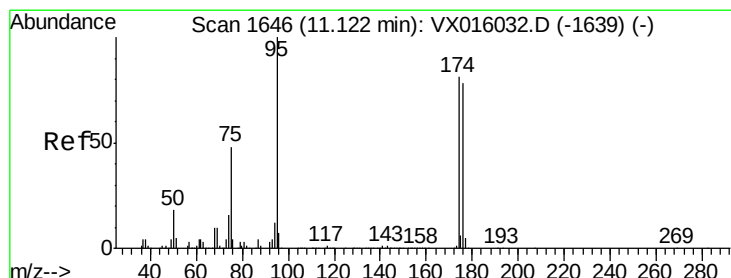
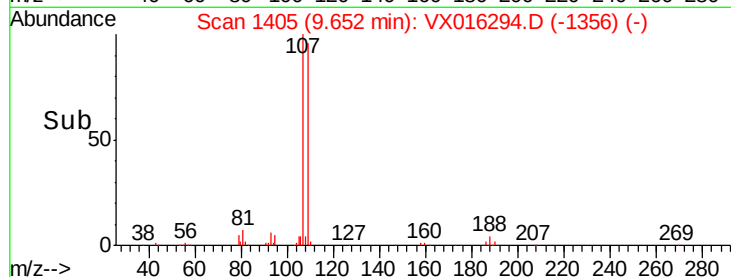
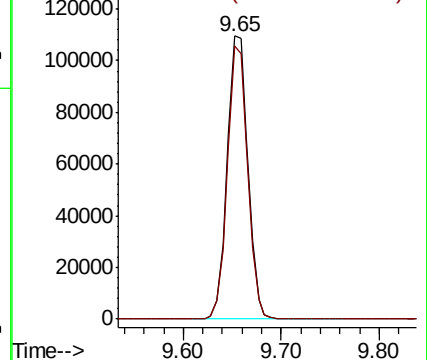
107 100

109 94.7 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.293 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

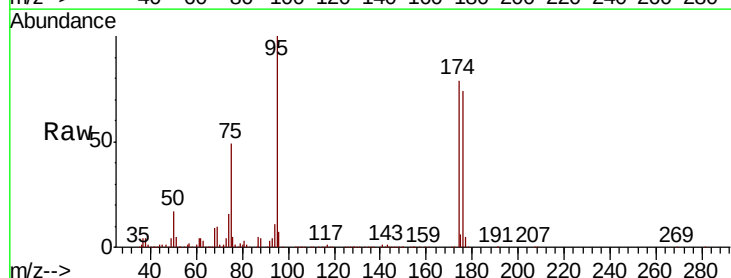
Tgt Ion: 95 Resp: 186782

Ion Ratio Lower Upper

95 100

174 79.2 0.0 159.4

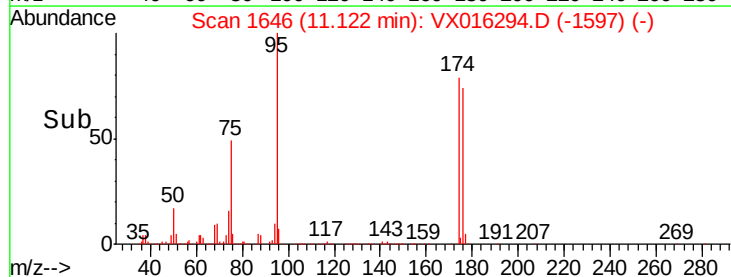
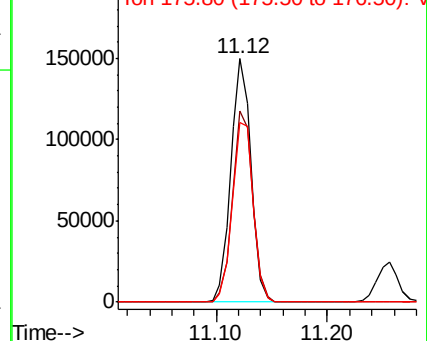
176 76.8 0.0 157.6

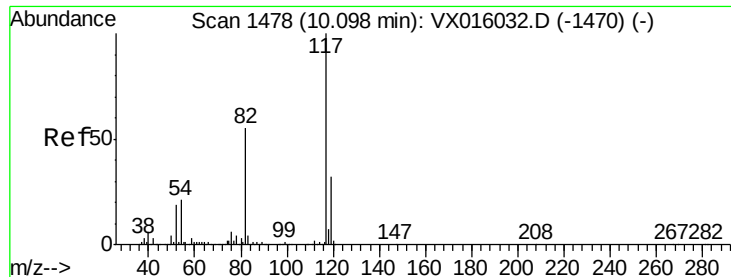


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

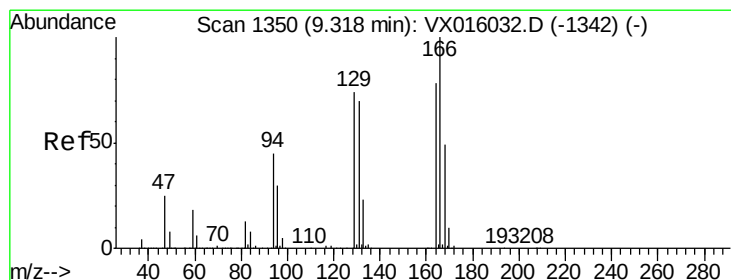
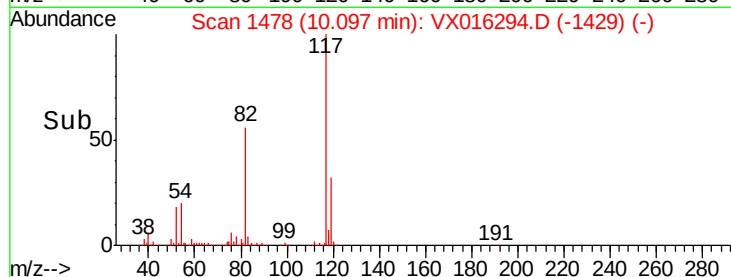
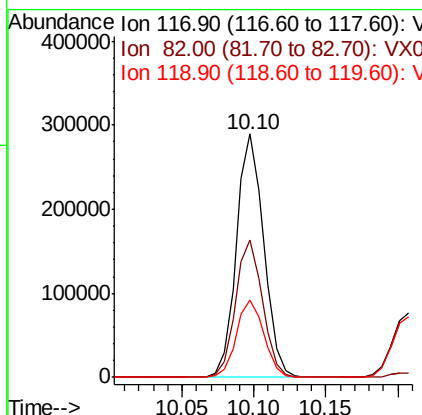
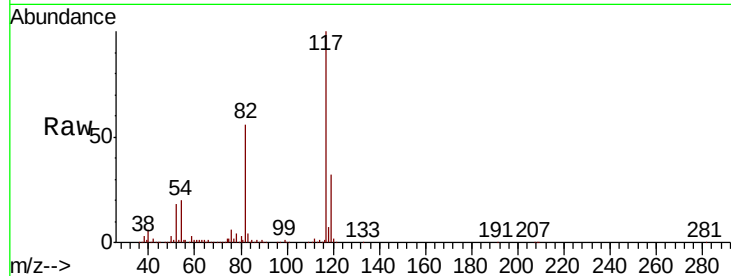




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX016294.D  
Acq: 15 May 2020 20:21

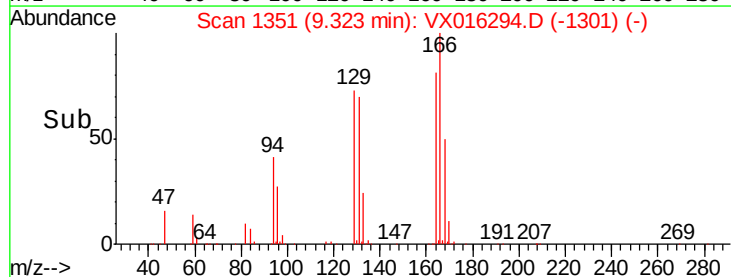
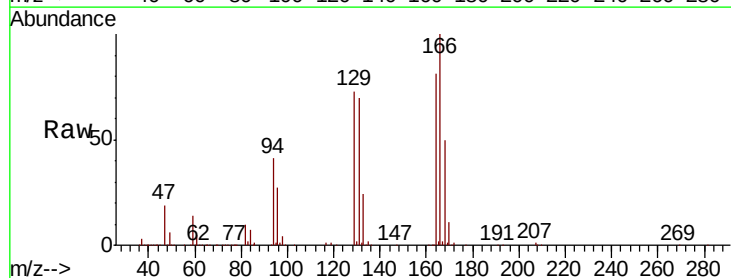
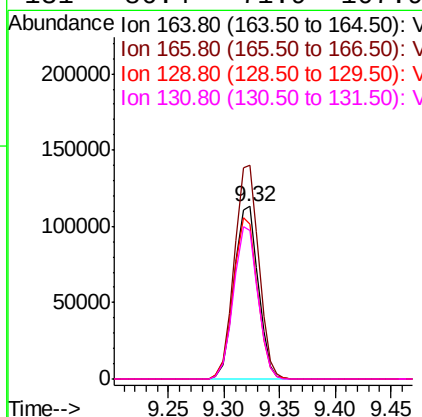
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

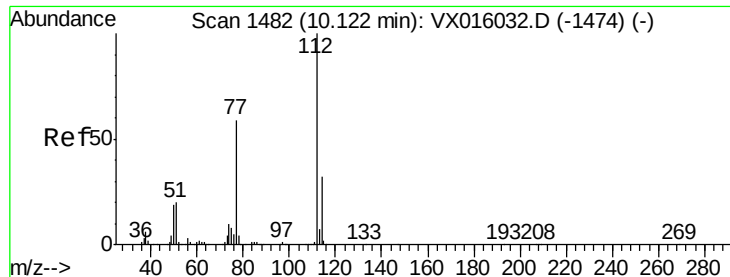
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 56.3  | 44.4  | 66.6  |
| 119     | 31.7  | 25.5  | 38.3  |



#64  
Tetrachloroethene  
Concen: 36.286 ug/l  
RT: 9.32 min Scan# 1351  
Delta R.T. 0.01 min  
Lab File: VX016294.D  
Acq: 15 May 2020 20:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 124.0 | 102.9 | 154.3 |
| 129     | 90.2  | 76.1  | 114.1 |
| 131     | 86.4  | 71.9  | 107.9 |

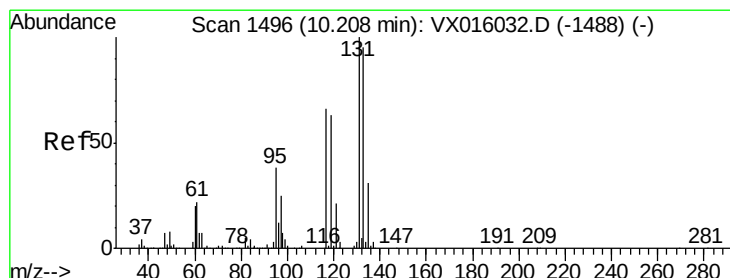
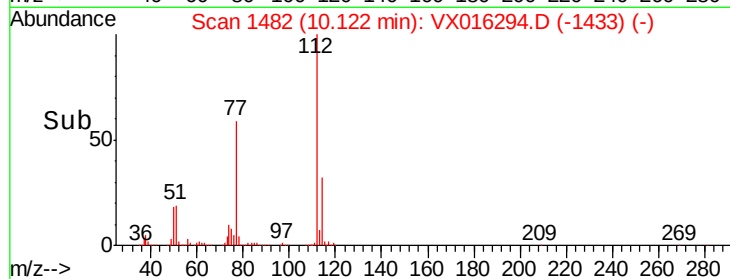
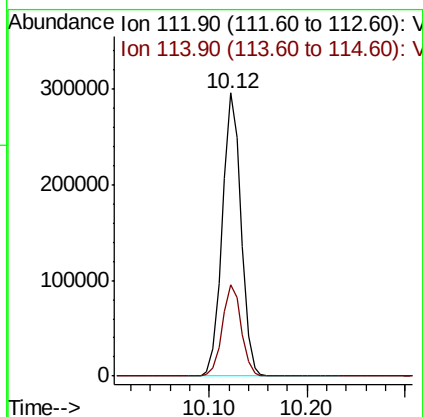
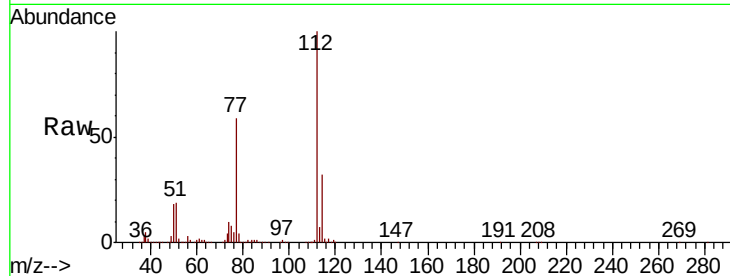




#65  
Chlorobenzene  
Concen: 49.180 ug/l  
RT: 10.12 min Scan# 1482  
Delta R.T. -0.00 min  
Lab File: VX016294.D  
Acq: 15 May 2020 20:21

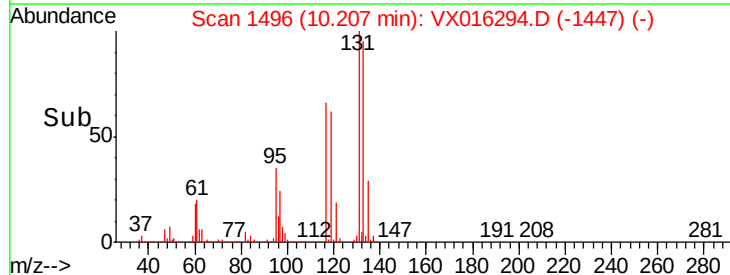
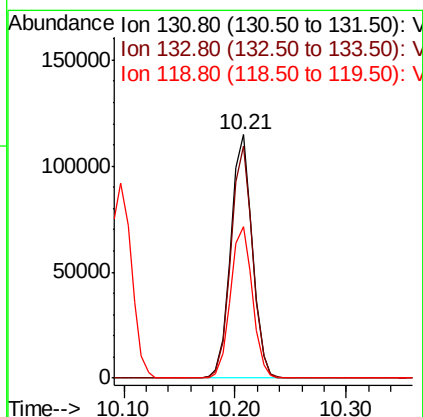
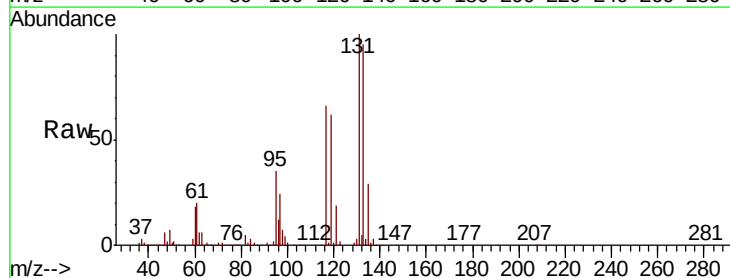
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

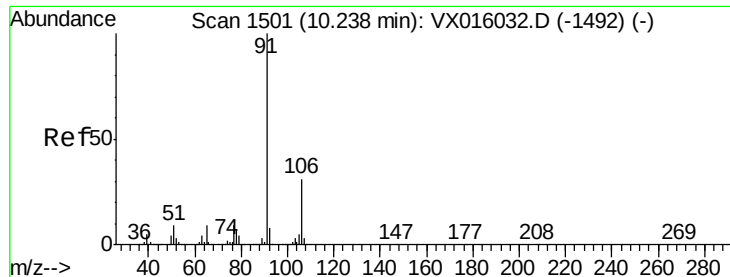
Tot Ion:112 Resp: 392362  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.163 ug/l  
RT: 10.21 min Scan# 1496  
Delta R.T. -0.00 min  
Lab File: VX016294.D  
Acq: 15 May 2020 20:21

Tgt Ion:131 Resp: 153818  
Ion Ratio Lower Upper  
131 100  
133 95.4 48.3 144.8  
119 63.3 32.3 96.9





#67

Ethyl Benzene

Concen: 47.968 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA\_X

ClientSampleId :

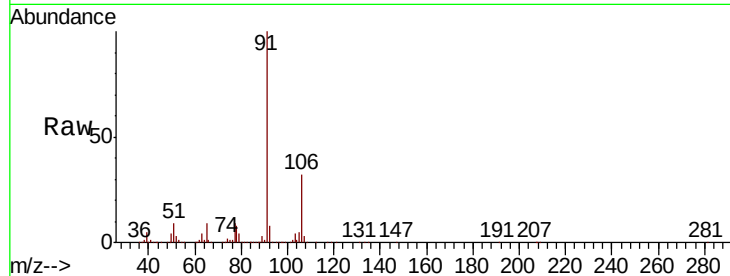
VSTDCCC050EC

Tot Ion: 91 Resp: 682815

Ion Ratio Lower Upper

91 100

106 31.9 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

800000

600000

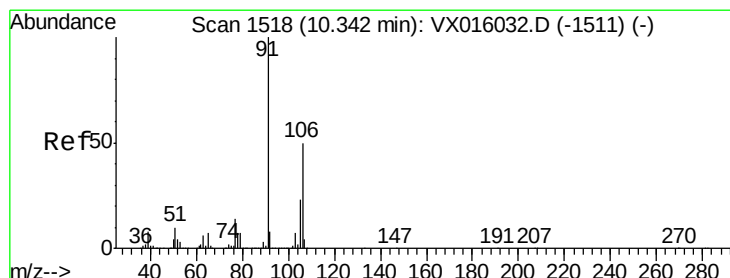
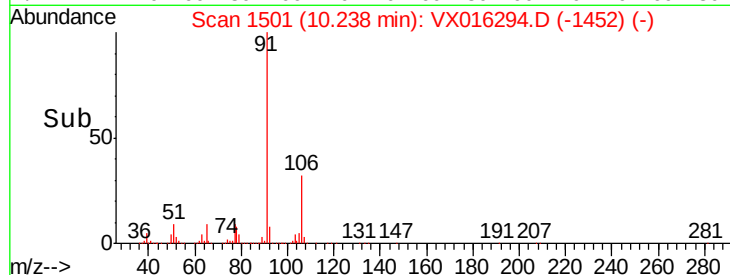
400000

200000

0

10.15 10.20 10.25 10.30

Time-->



#68

m/p-Xylenes

Concen: 97.137 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016294.D

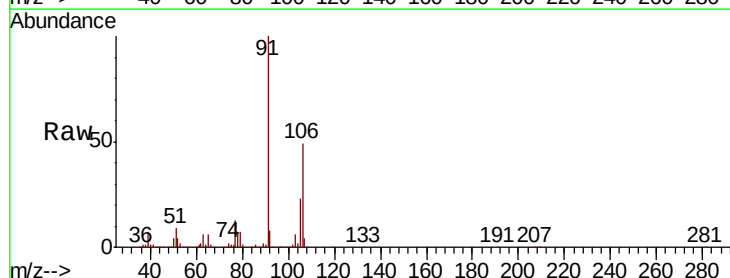
Acq: 15 May 2020 20:21

Tgt Ion:106 Resp: 518061

Ion Ratio Lower Upper

106 100

91 203.0 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

800000

600000

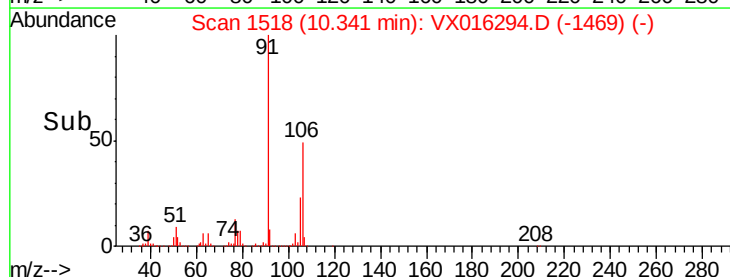
400000

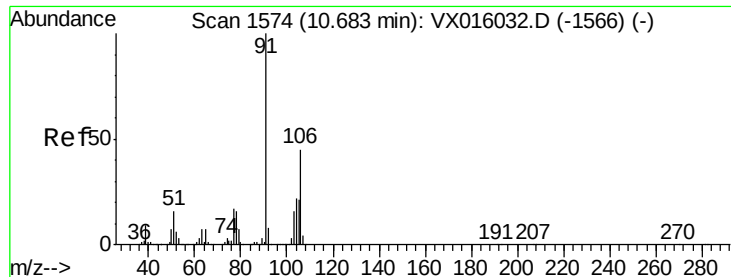
200000

0

10.30 10.40

Time-->

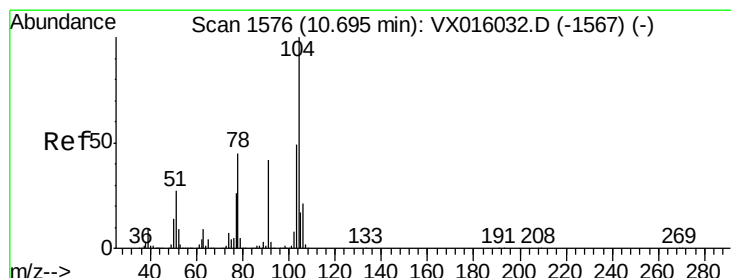
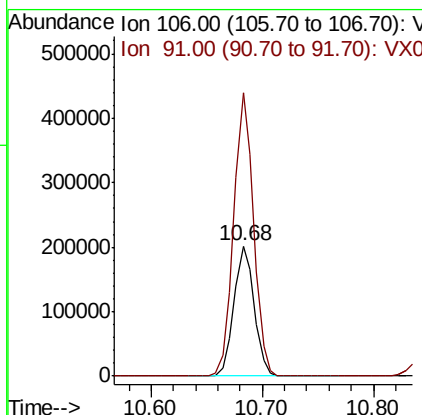
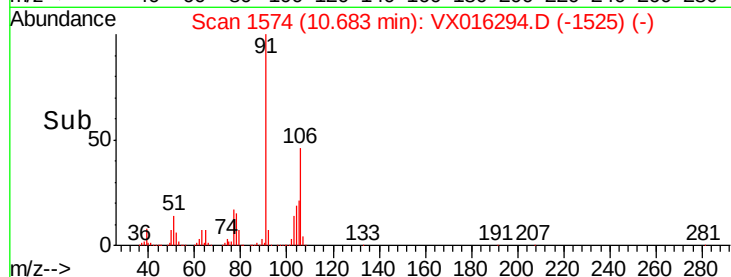
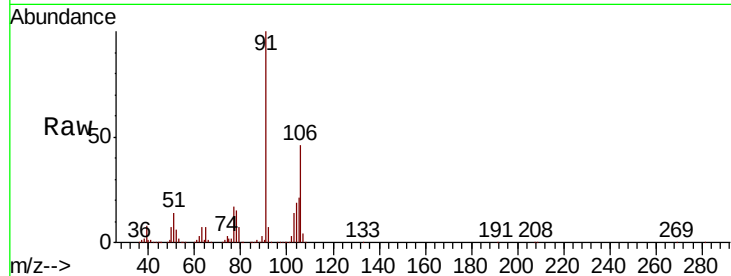




#69  
o-Xylene  
Concen: 49.216 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. -0.00 min  
Lab File: VX016294.D  
Acq: 15 May 2020 20:21

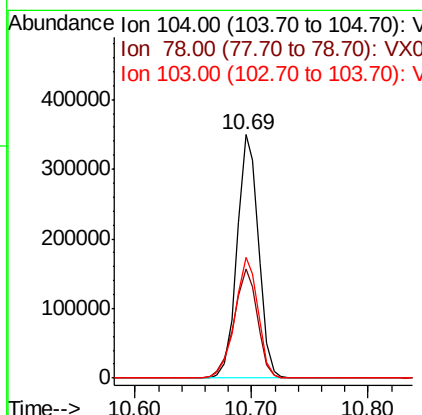
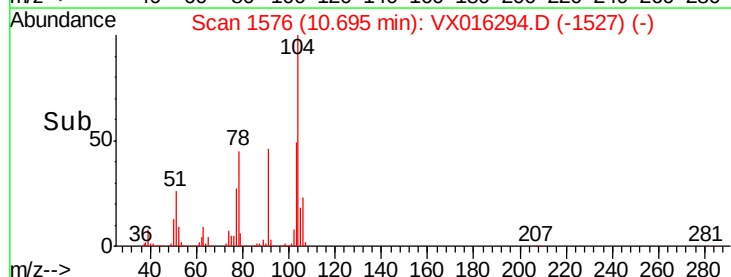
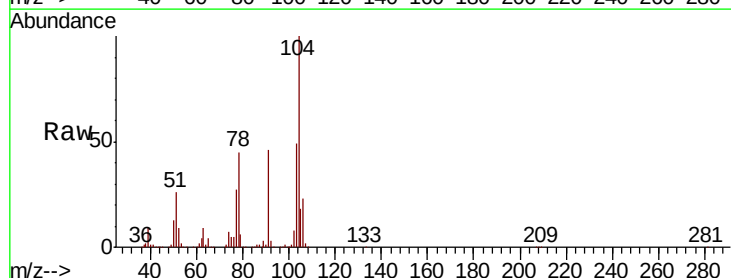
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:106 Resp: 252311  
Ion Ratio Lower Upper  
106 100  
91 214.2 107.5 322.6

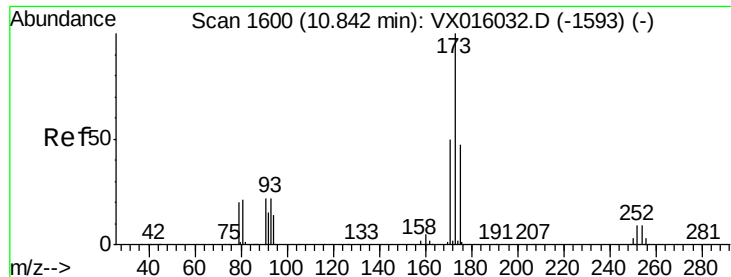


#70  
Styrene  
Concen: 51.599 ug/l  
RT: 10.69 min Scan# 1576  
Delta R.T. -0.00 min  
Lab File: VX016294.D  
Acq: 15 May 2020 20:21

Tgt Ion:104 Resp: 448771  
Ion Ratio Lower Upper  
104 100  
78 49.3 40.2 60.2  
103 53.3 43.0 64.6







#71

Bromoform

Concen: 54.382 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

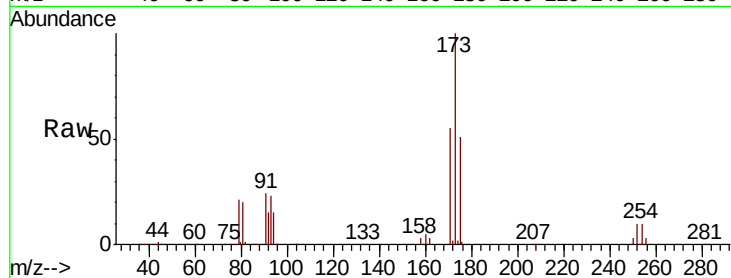
Tot Ion:173 Resp: 130650

Ion Ratio Lower Upper

173 100

175 49.0 24.0 72.0

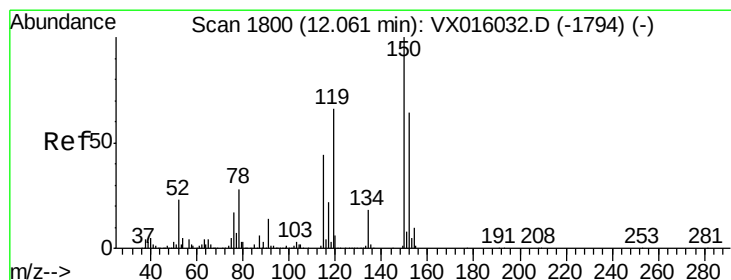
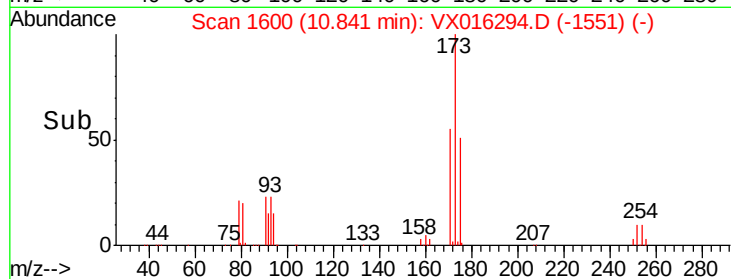
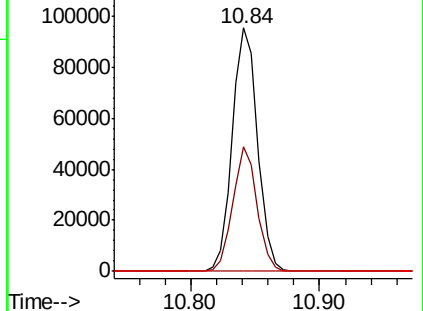
254 0.1 0.1 0.1#



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# 1801

Delta R.T. 0.01 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

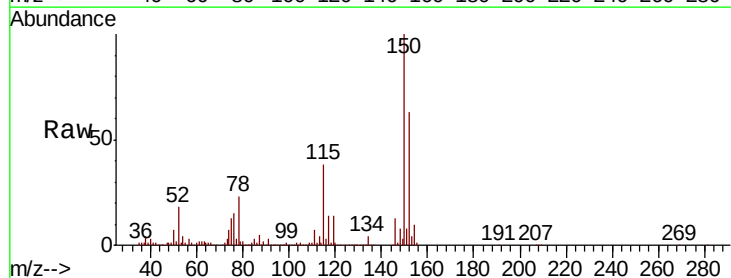
Tgt Ion:152 Resp: 184010

Ion Ratio Lower Upper

152 100

115 77.9 41.3 124.1

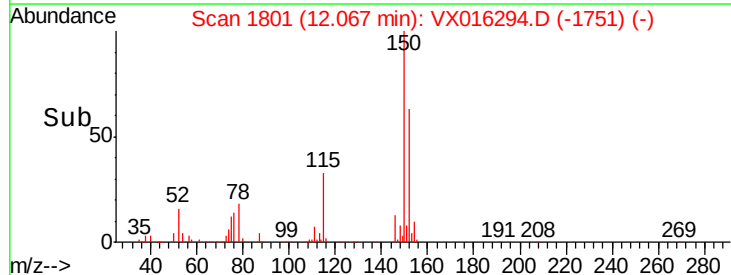
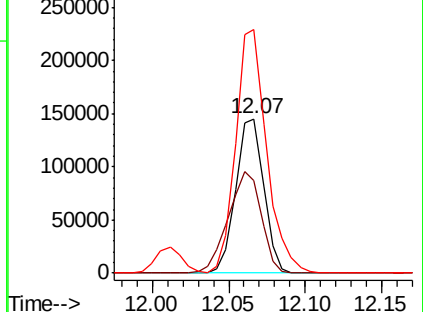
150 173.6 0.0 352.2

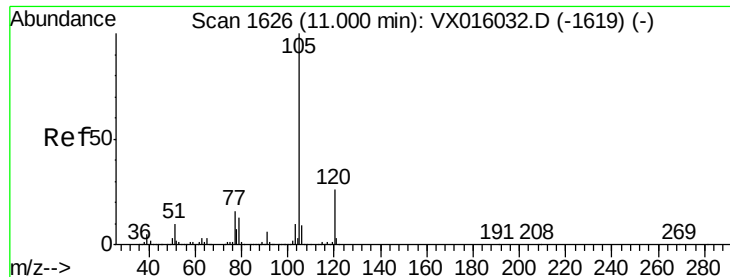


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.162 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA\_X

ClientSampleId :

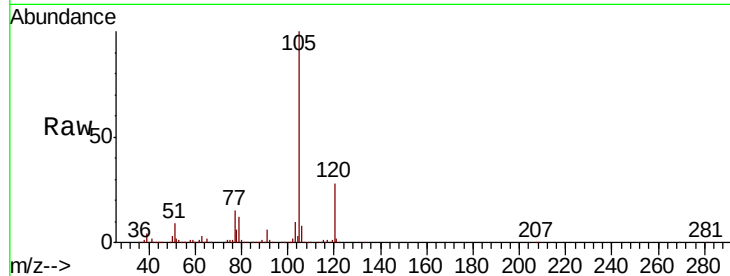
VSTDCCC050EC

Tot Ion:105 Resp: 631209

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

200000

100000

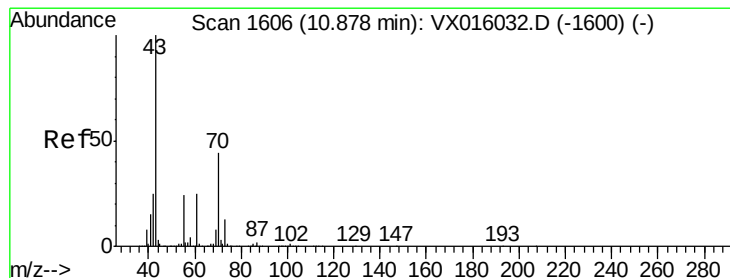
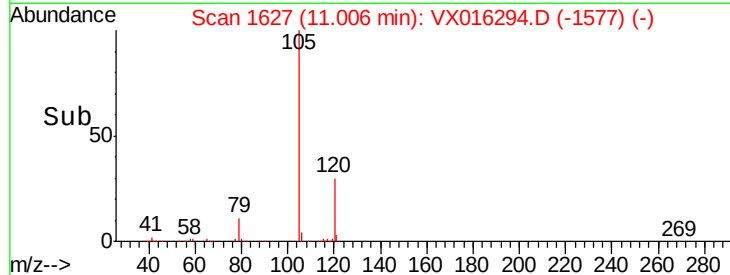
0

11.01

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 50.799 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Tgt Ion: 43 Resp: 317126

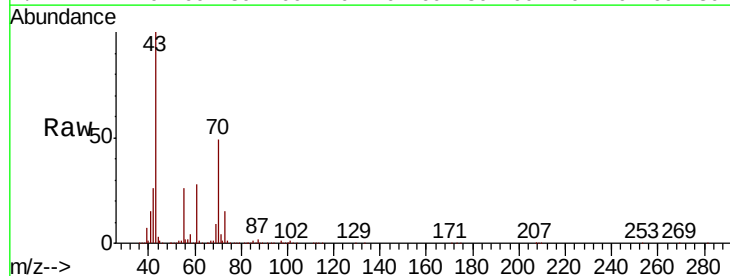
Ion Ratio Lower Upper

43 100

70 48.0 36.5 54.7

55 25.8 19.7 29.5

61 26.9 20.9 31.3



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

400000

300000

200000

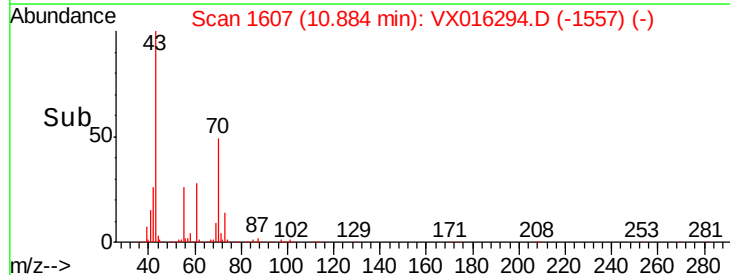
100000

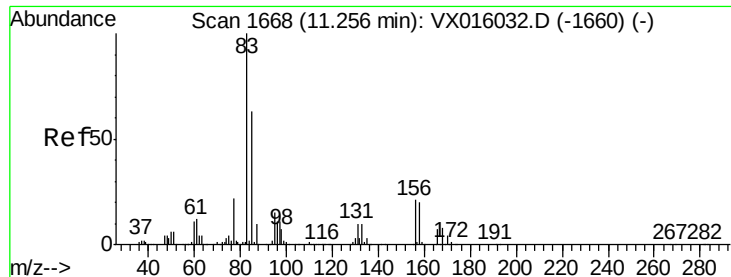
0

10.88

10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 74.773 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

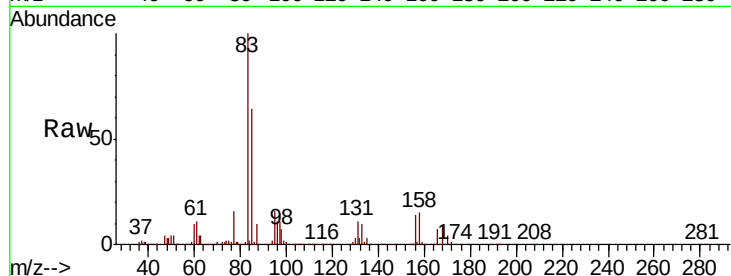
Tot Ion: 83 Resp: 208533

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

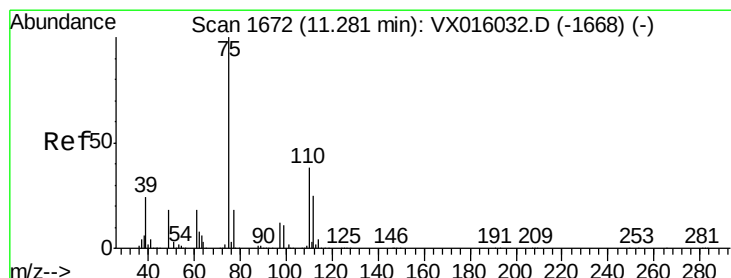
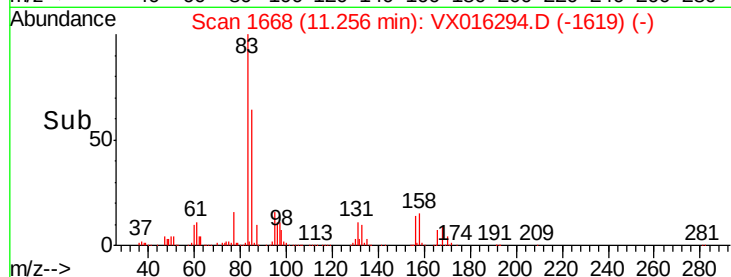
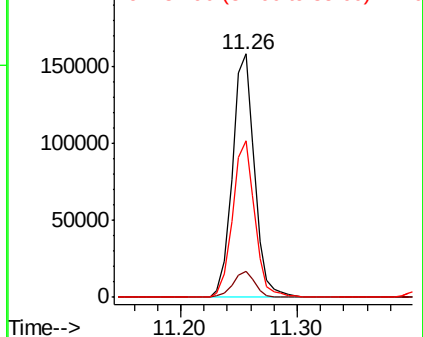
85 64.2 32.0 96.0



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: 69.143 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016294.D

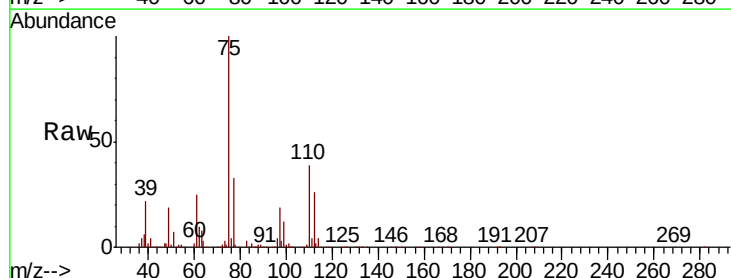
Acq: 15 May 2020 20:21

Tgt Ion: 75 Resp: 288713

Ion Ratio Lower Upper

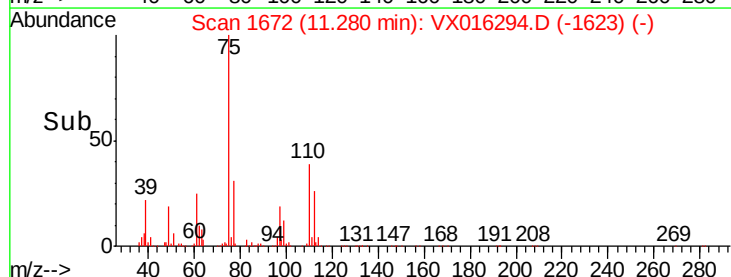
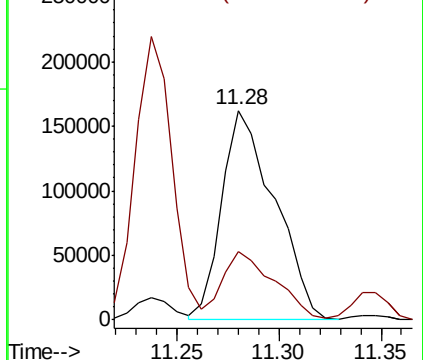
75 100

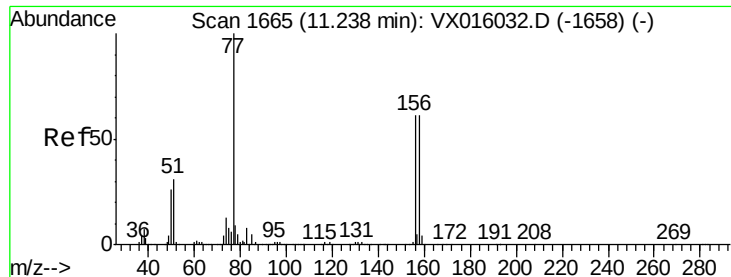
77 32.3 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.858 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

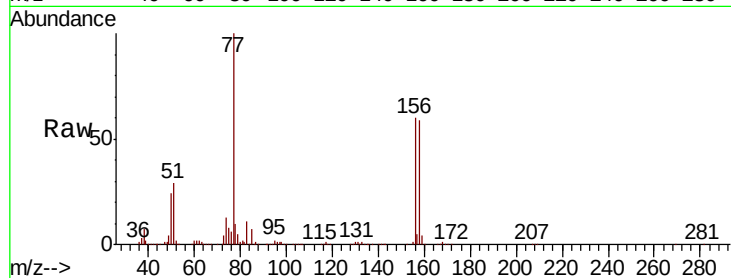
Tot Ion:156 Resp: 172238

Ion Ratio Lower Upper

156 100

77 160.7 80.1 240.3

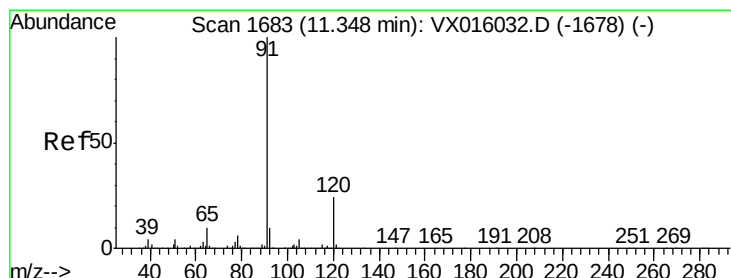
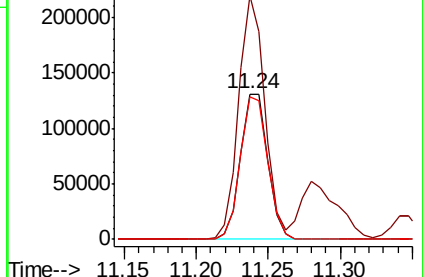
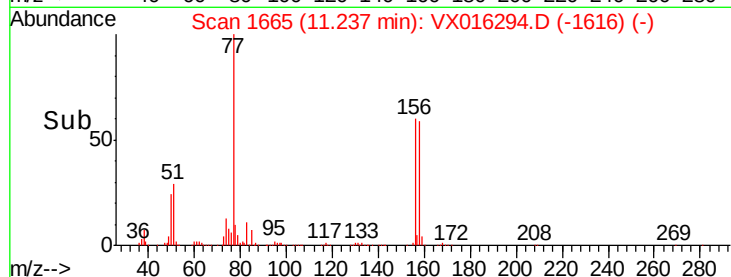
158 97.9 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.468 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016294.D

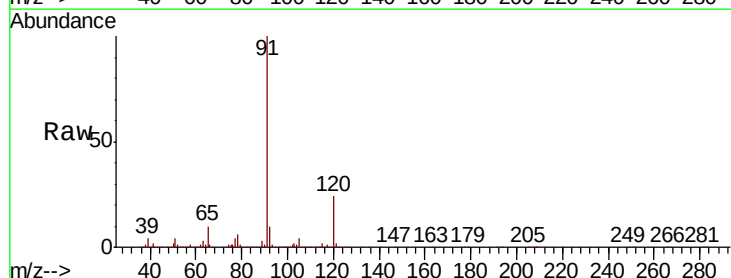
Acq: 15 May 2020 20:21

Tgt Ion: 91 Resp: 707938

Ion Ratio Lower Upper

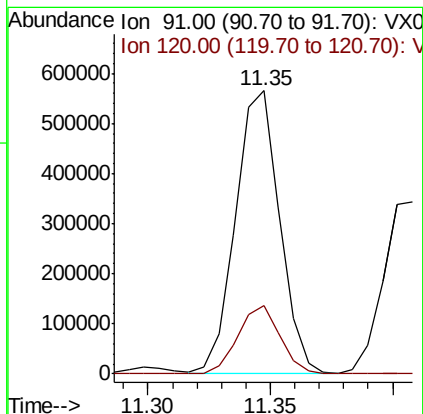
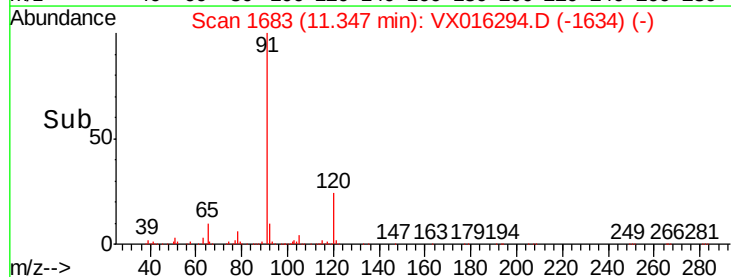
91 100

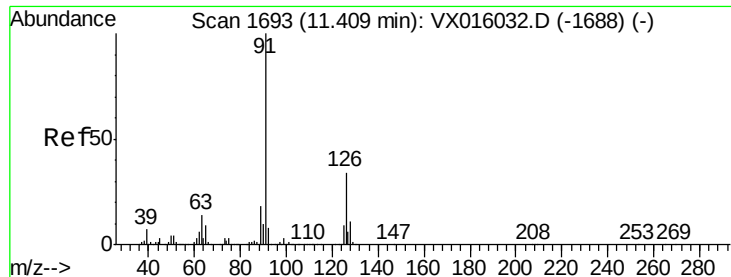
120 23.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.724 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA\_X

ClientSampleId :

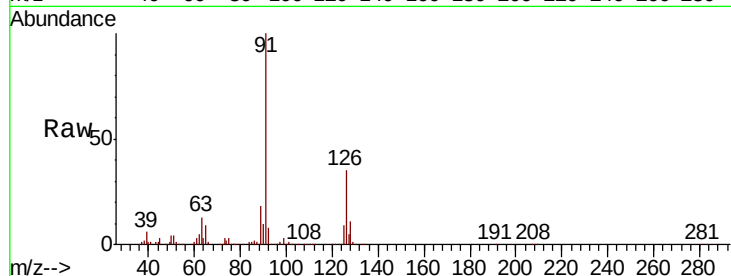
VSTDCCC050EC

Tot Ion: 91 Resp: 447805

Ion Ratio Lower Upper

91 100

126 33.7 16.9 50.6

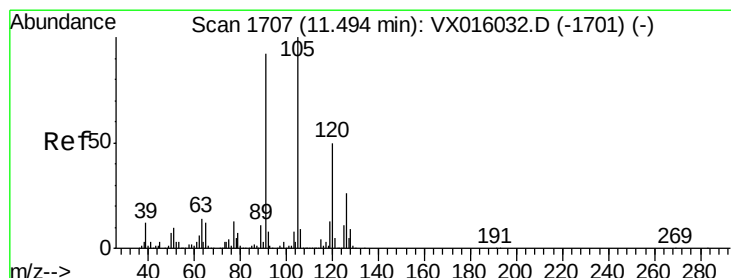
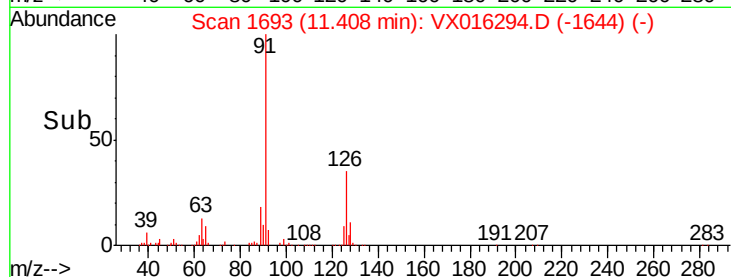


Abundance Ion 91.00 (90.70 to 91.70): VX016032.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX016032.D (-1688) (-)

Time-->

Mass spectrum showing relative abundance (0 to 600,000) versus Time (11.35 to 11.45 min). Key peaks are labeled: 11.41.



#80

1,3,5-Trimethylbenzene

Concen: 46.267 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016294.D

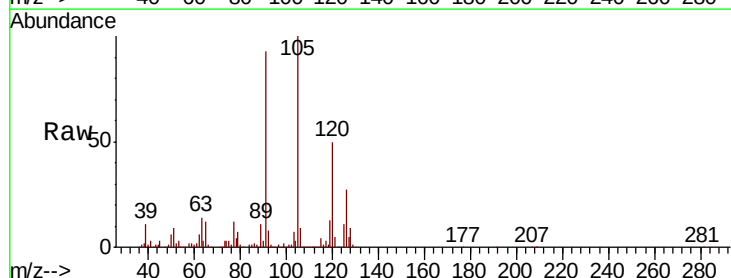
Acq: 15 May 2020 20:21

Tgt Ion: 105 Resp: 522833

Ion Ratio Lower Upper

105 100

120 48.6 24.6 74.0

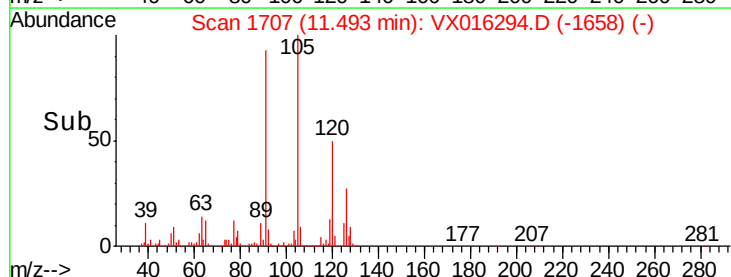


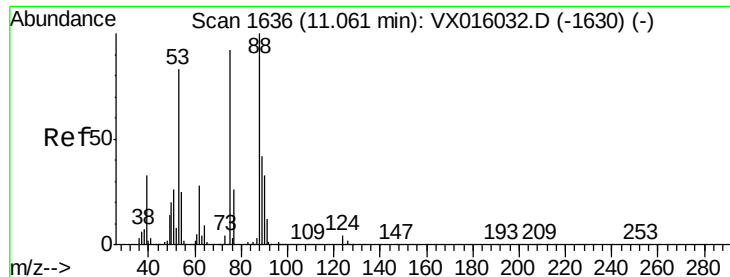
Abundance Ion 105.00 (104.70 to 105.70): VX016032.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX016032.D (-1701) (-)

Time-->

Mass spectrum showing relative abundance (0 to 500,000) versus Time (11.40 to 11.50 min). Key peaks are labeled: 11.49.





#81

trans-1,4-Dichloro-2-butene

Concen: 48.757 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

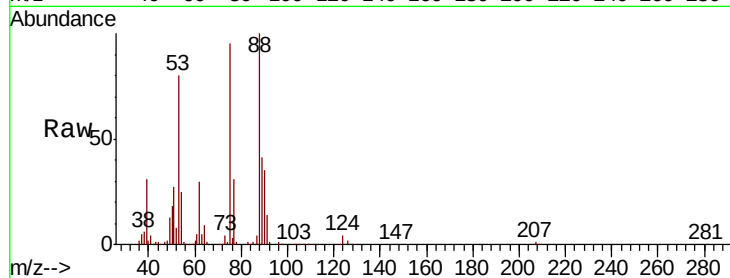
Tot Ion: 75 Resp: 85431

Ion Ratio Lower Upper

75 100

53 87.4 73.1 109.7

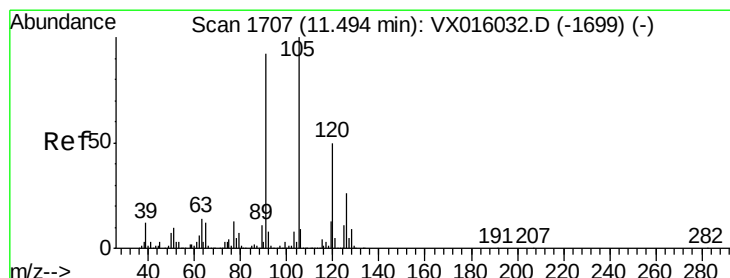
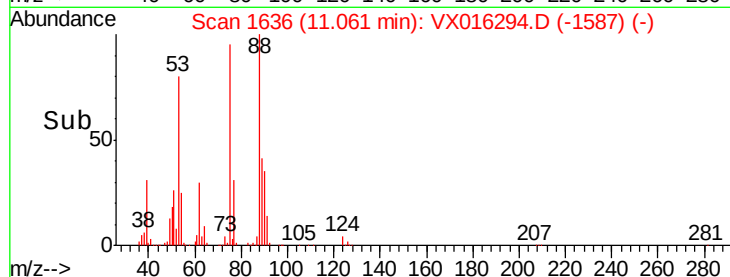
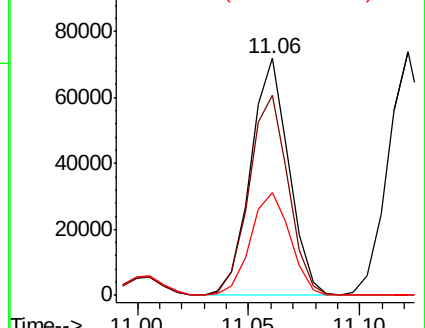
89 45.3 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 48.370 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016294.D

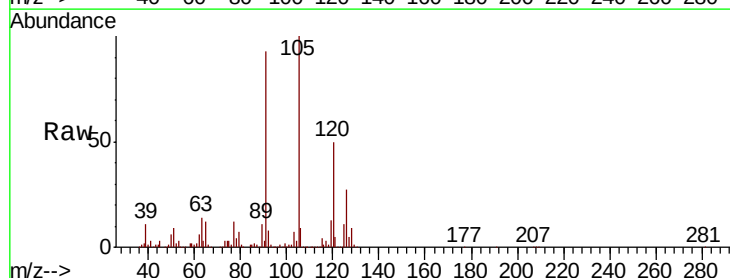
Acq: 15 May 2020 20:21

Tgt Ion: 91 Resp: 524957

Ion Ratio Lower Upper

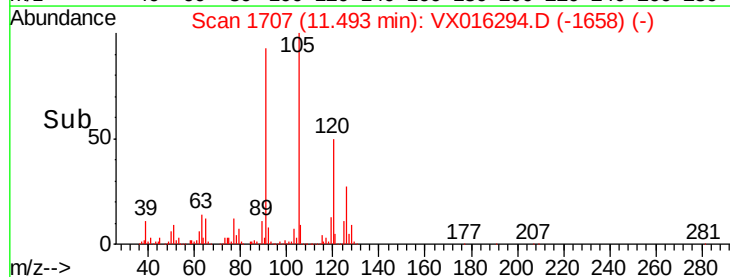
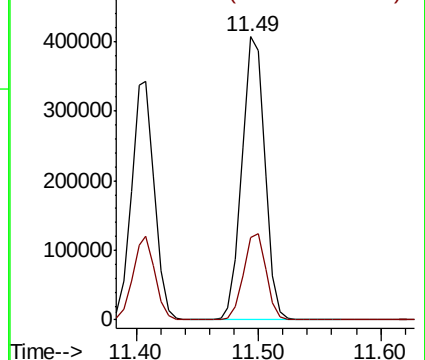
91 100

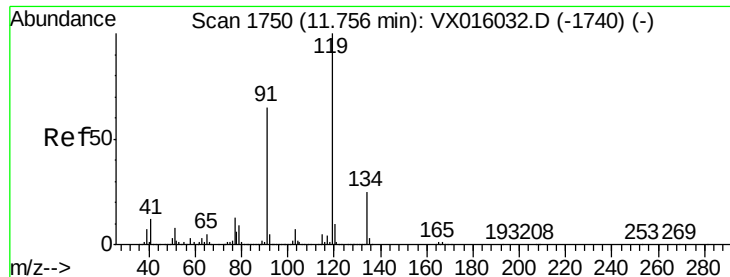
126 30.0 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 46.698 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

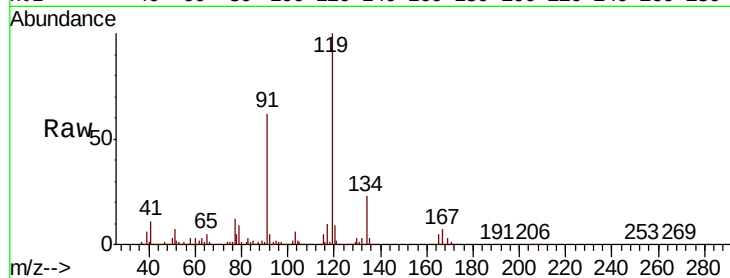
Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:119 Resp: 454771

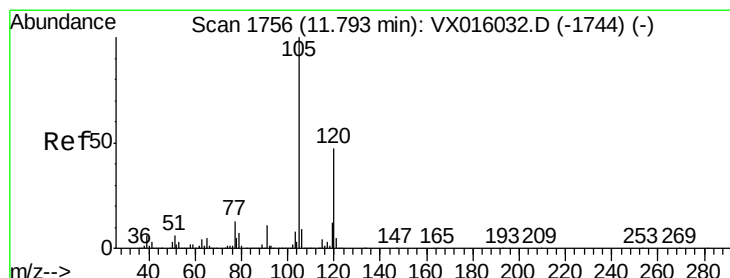
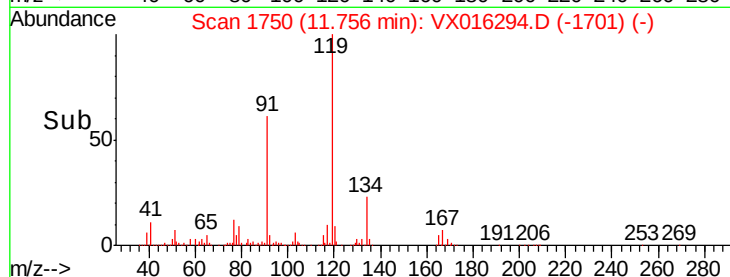
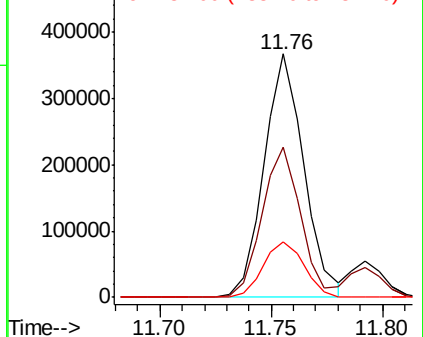
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 119 | 100   |       |       |
| 91  | 60.6  | 32.8  | 98.4  |
| 134 | 23.4  | 12.4  | 37.0  |



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 46.133 ug/l

RT: 11.79 min Scan# 1756

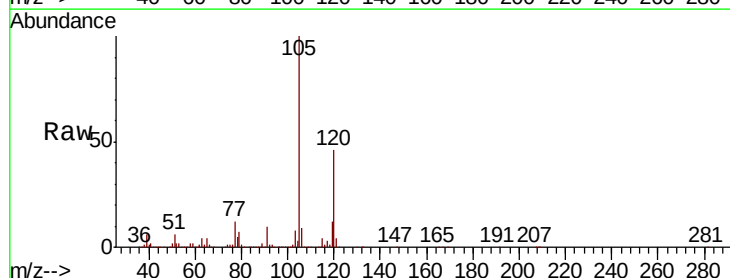
Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

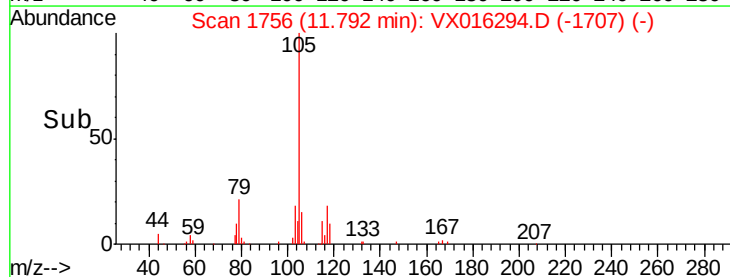
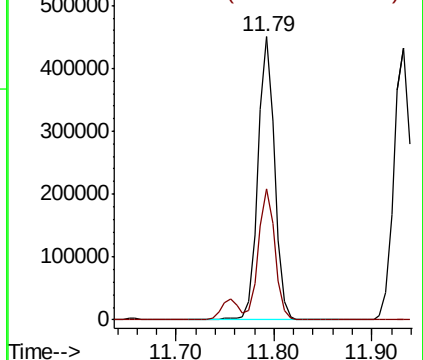
Tgt Ion:105 Resp: 527047

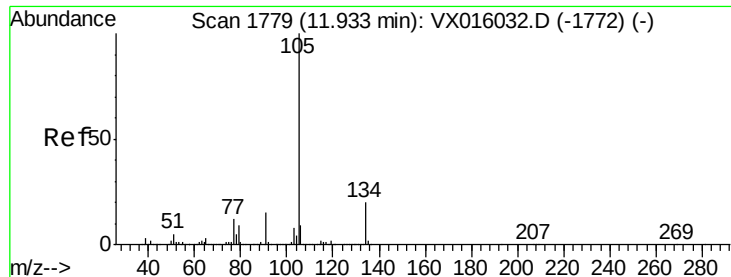
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 120 | 46.1  | 23.0  | 69.0  |



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 39.533 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA\_X

ClientSampleId :

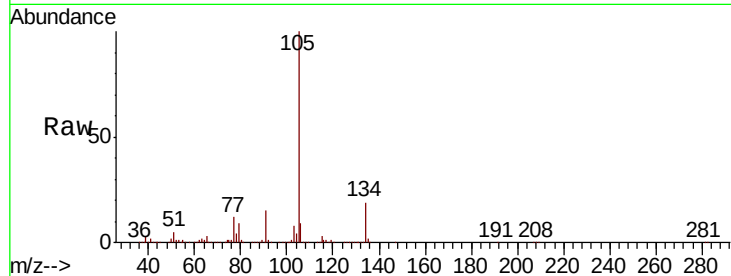
VSTDCCC050EC

Tot Ion:105 Resp: 519820

Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

400000

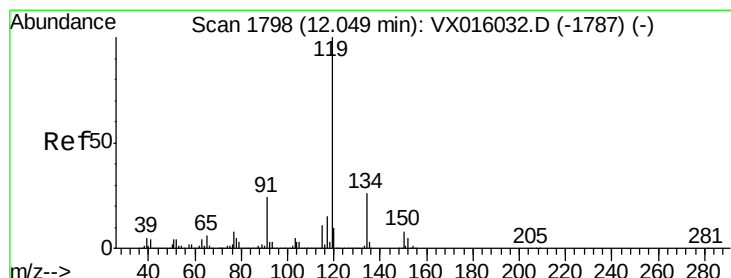
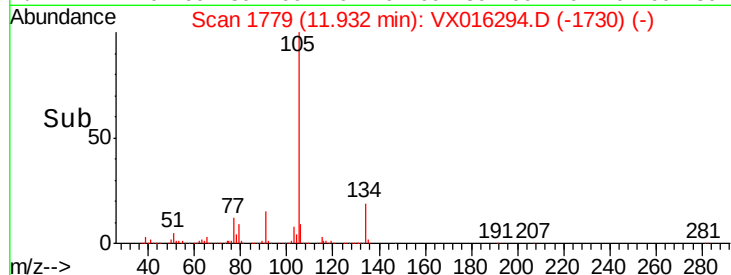
300000

200000

100000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 39.098 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

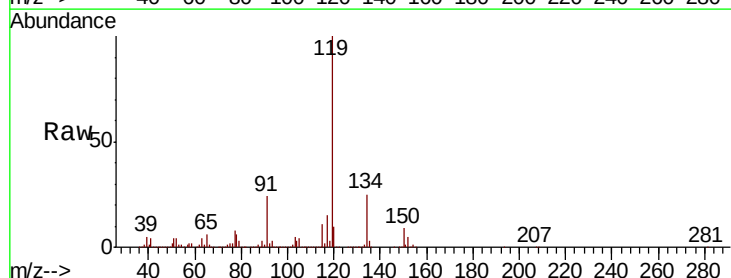
Tgt Ion:119 Resp: 477307

Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

91 23.4 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.05

400000

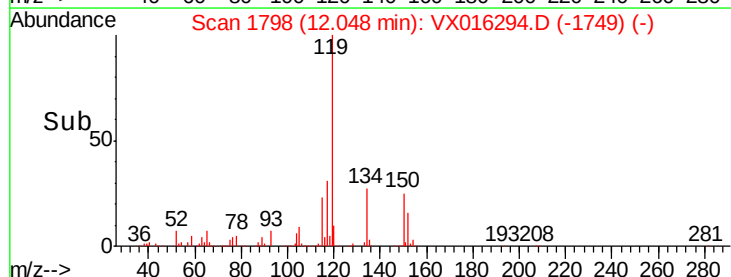
300000

200000

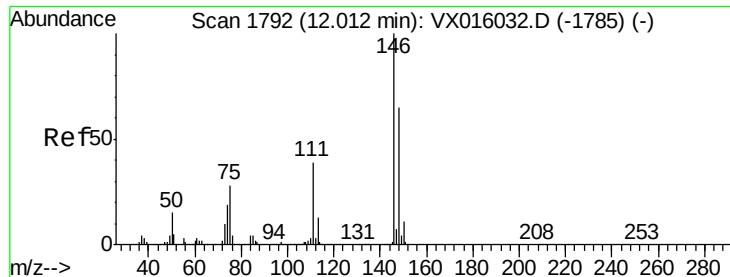
100000

0

Time--> 12.00 12.10







#87

1,3-Dichlorobenzene

Concen: 46.206 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

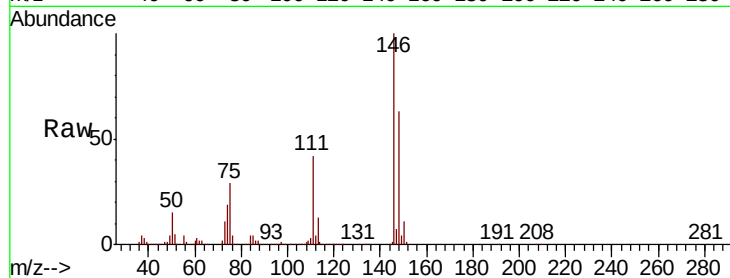
Tot Ion:146 Resp: 286609

Ion Ratio Lower Upper

146 100

111 41.4 20.2 60.6

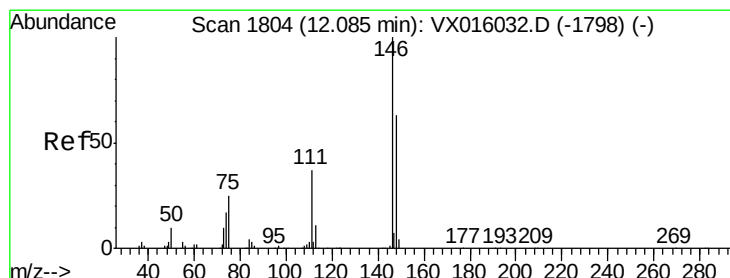
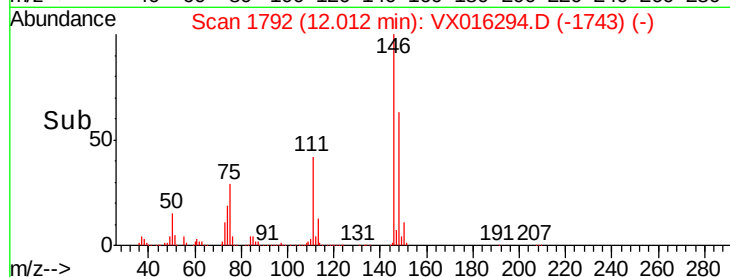
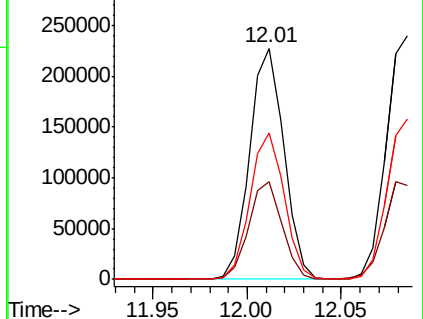
148 63.3 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 46.967 ug/l

RT: 12.08 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

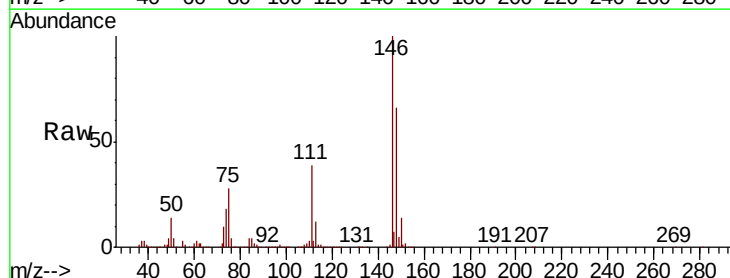
Tgt Ion:146 Resp: 295691

Ion Ratio Lower Upper

146 100

111 40.4 19.6 58.7

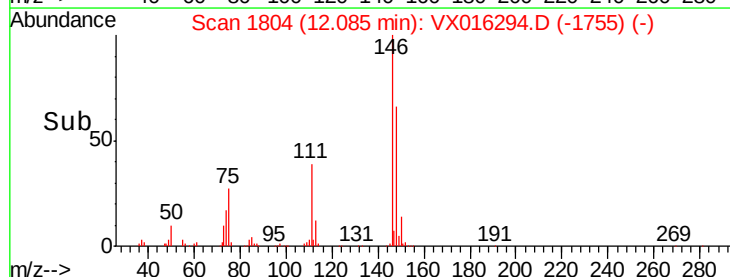
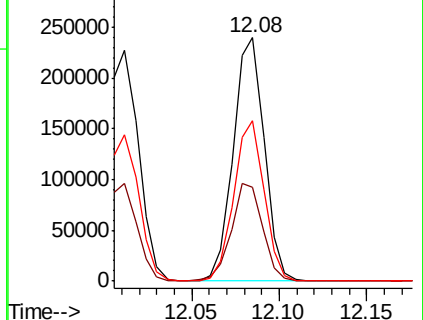
148 64.4 31.8 95.3

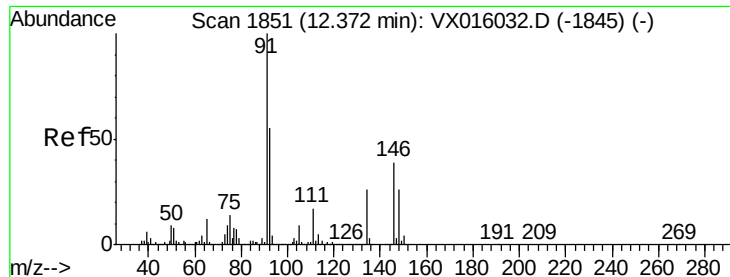


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

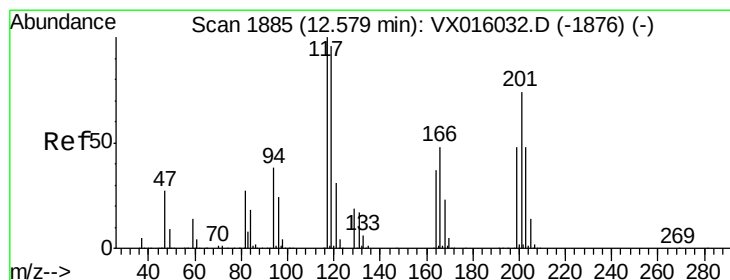
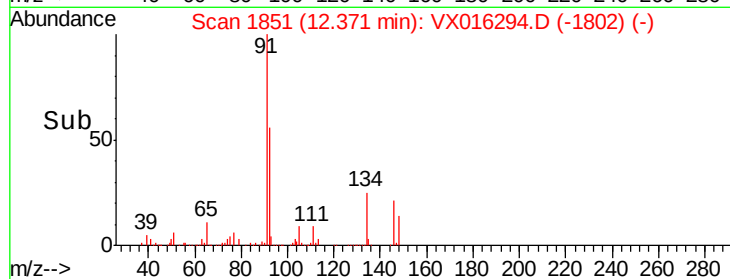
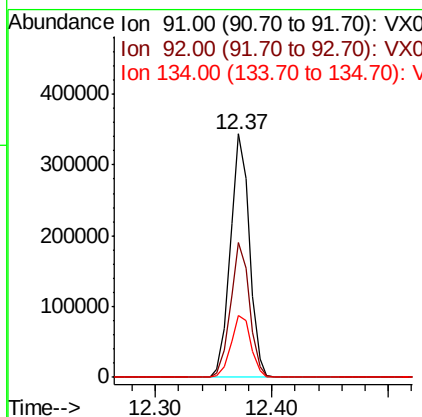
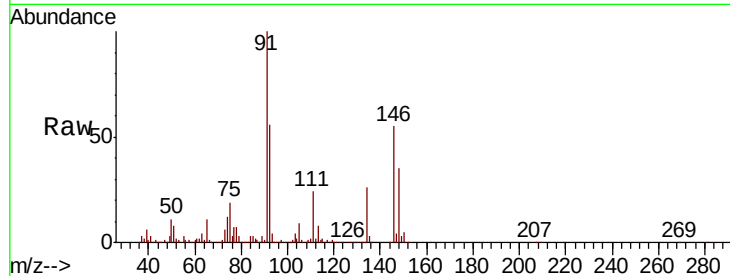




#89  
n-Butylbenzene  
Concen: 35.144 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. -0.00 min  
Lab File: VX016294.D  
Acq: 15 May 2020 20:21

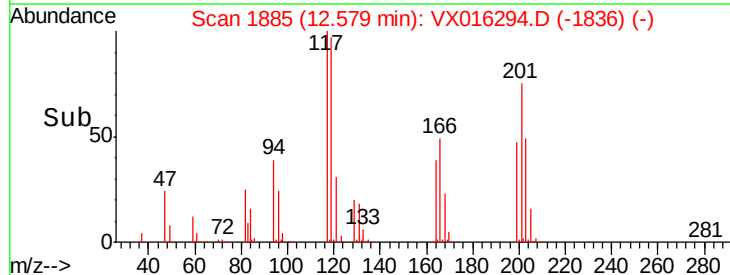
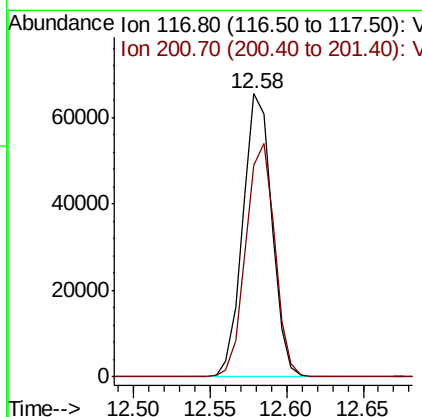
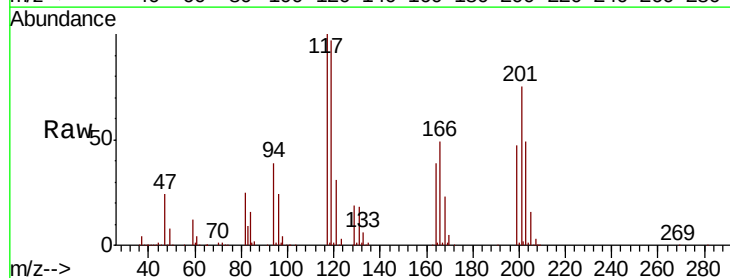
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

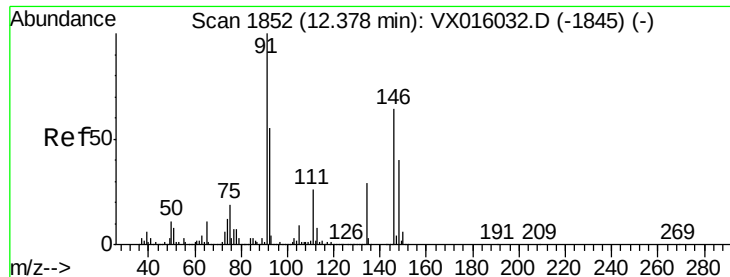
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.8  | 27.6  | 82.7  |
| 134     | 26.4  | 13.4  | 40.1  |



#90  
Hexachloroethane  
Concen: 41.117 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: VX016294.D  
Acq: 15 May 2020 20:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 82.5  | 39.8  | 119.3 |

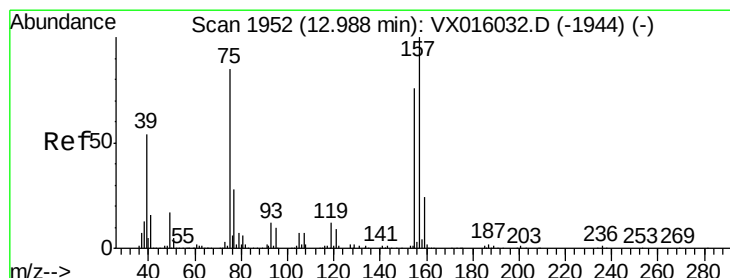
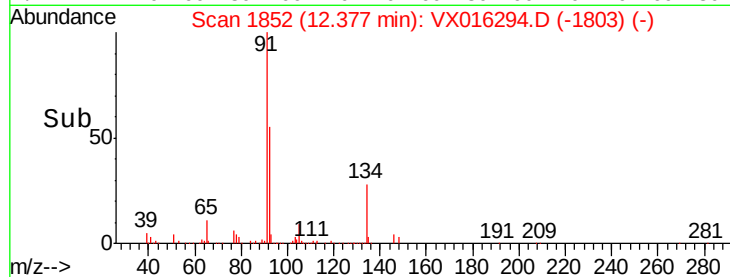
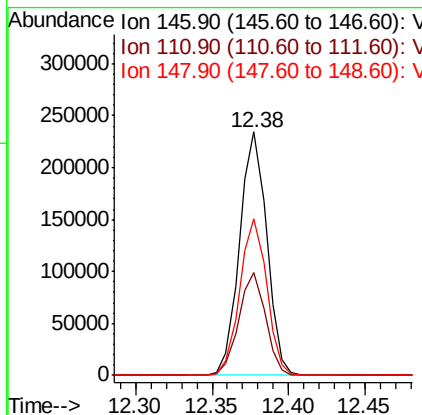
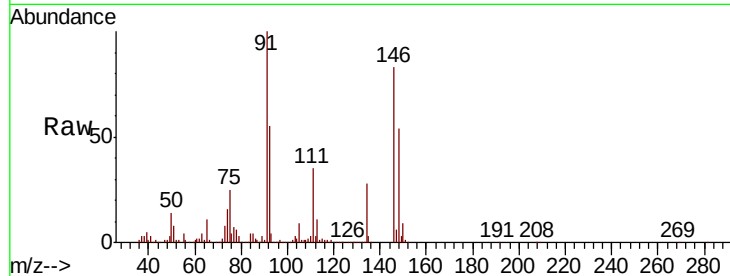




#91  
 1,2-Dichlorobenzene  
 Concen: 48.207 ug/l  
 RT: 12.38 min Scan# 1852  
 Delta R.T. -0.00 min  
 Lab File: VX016294.D  
 Acq: 15 May 2020 20:21

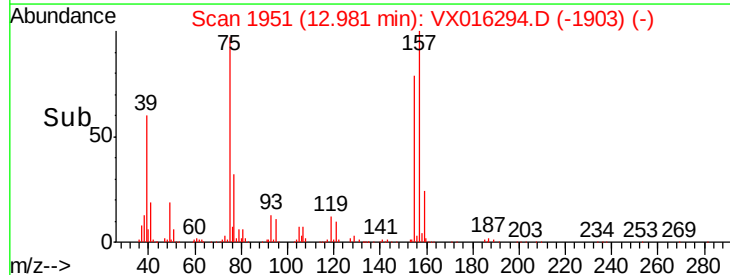
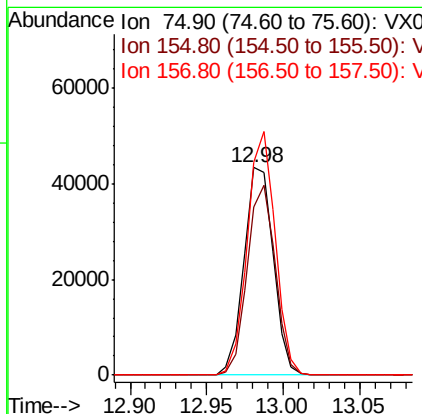
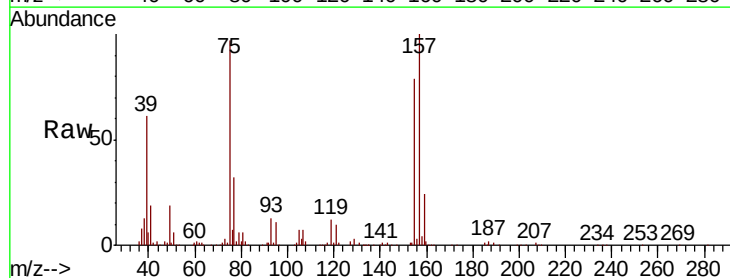
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

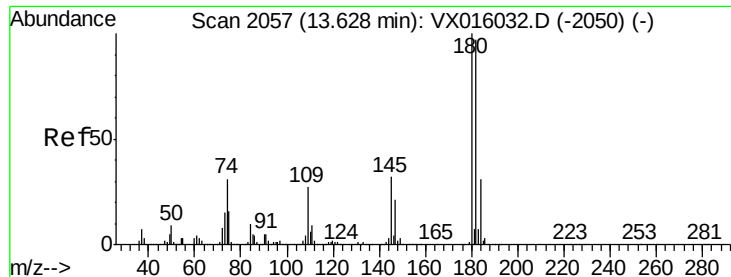
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.7  | 21.1  | 63.1  |
| 148     | 64.1  | 32.4  | 97.0  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 52.603 ug/l  
 RT: 12.98 min Scan# 1951  
 Delta R.T. -0.01 min  
 Lab File: VX016294.D  
 Acq: 15 May 2020 20:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 87.3  | 42.5  | 127.5 |
| 157     | 111.5 | 55.3  | 165.8 |

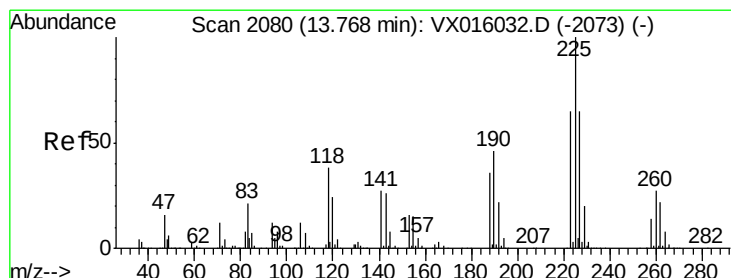
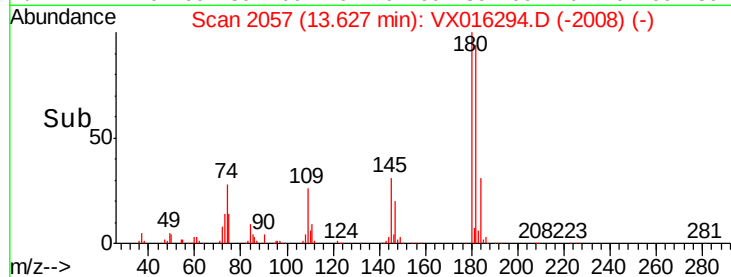
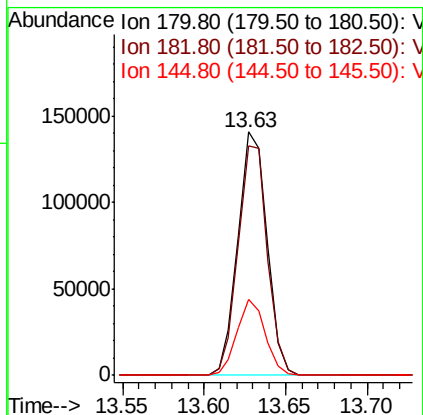
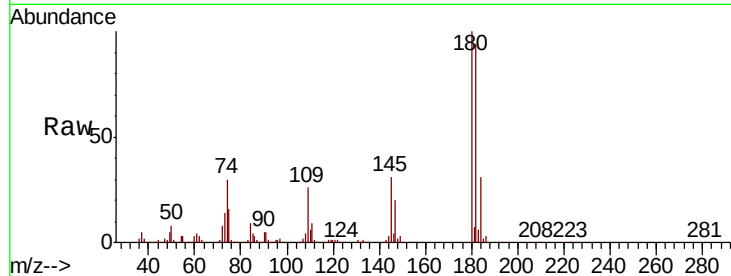




#93  
 1,2,4-Trichlorobenzene  
 Concen: 39.752 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. -0.00 min  
 Lab File: VX016294.D  
 Acq: 15 May 2020 20:21

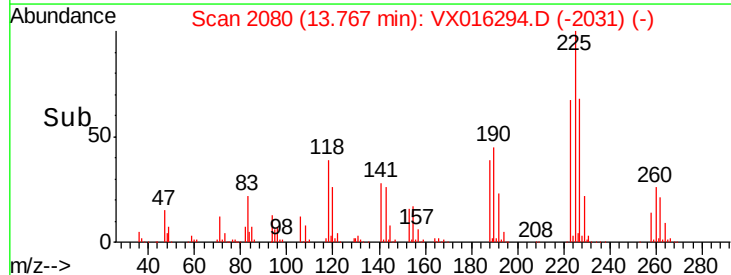
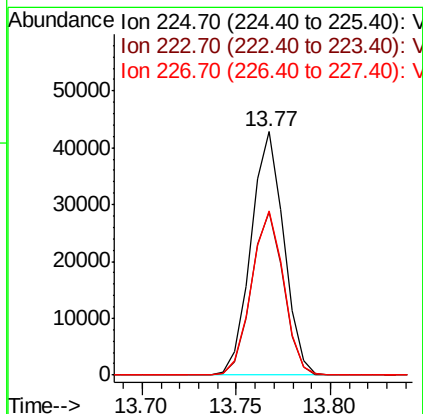
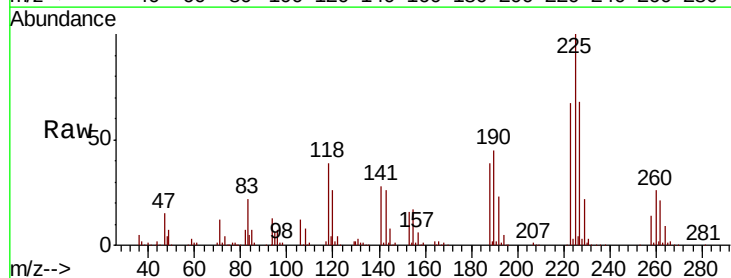
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

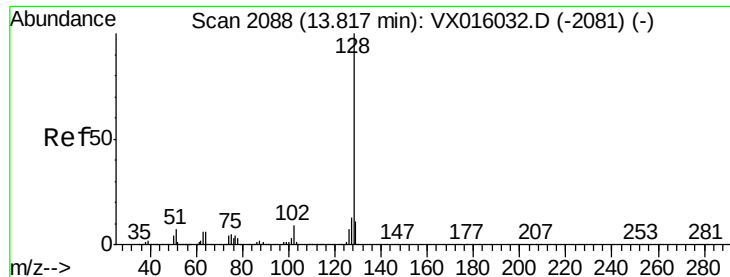
Tot Ion:180 Resp: 175780  
 Ion Ratio Lower Upper  
 180 100  
 182 95.1 48.7 146.1  
 145 30.2 15.7 47.1



#94  
 Hexachlorobutadiene  
 Concen: 27.271 ug/l  
 RT: 13.77 min Scan# 2080  
 Delta R.T. 0.00 min  
 Lab File: VX016294.D  
 Acq: 15 May 2020 20:21

Tgt Ion:225 Resp: 51469  
 Ion Ratio Lower Upper  
 225 100  
 223 65.8 32.3 96.9  
 227 66.6 31.8 95.4





#95

Naphthalene

Concen: 47.178 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

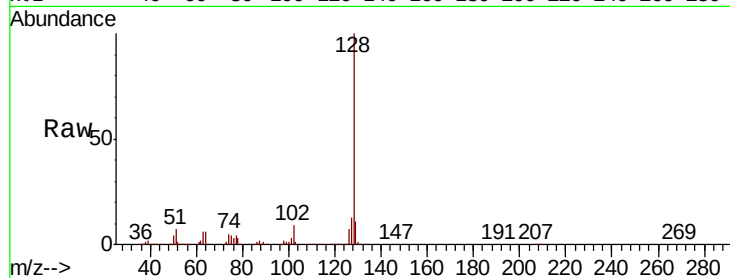
Tot Ion:128 Resp: 675505

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

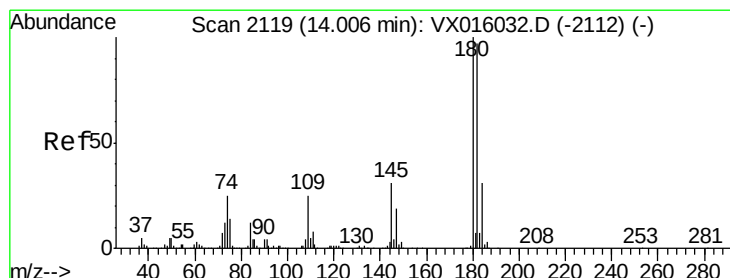
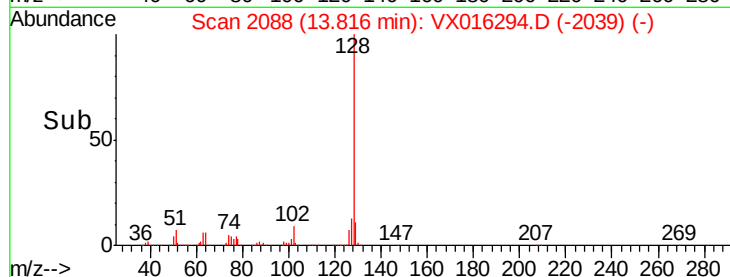
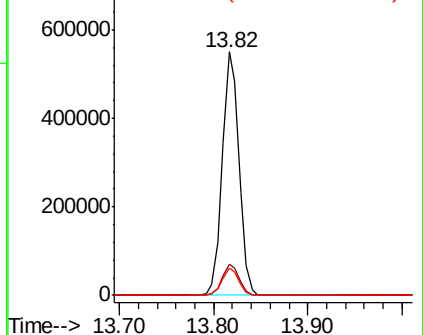
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 39.490 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

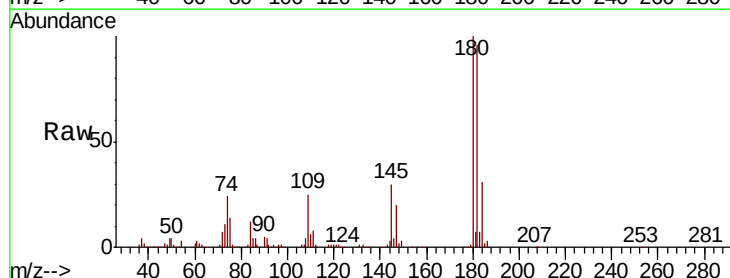
Tgt Ion:180 Resp: 170662

Ion Ratio Lower Upper

180 100

182 96.9 48.4 145.0

145 32.9 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

