

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052620\  
 Data File : VX016420.D  
 Acq On : 26 May 2020 12:20  
 Operator : JC/SP  
 Sample : VSTDIC001  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

Quant Time: May 26 15:56:45 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X052620W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 26 15:50:19 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 121227   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 205112   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 192341   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 86206    | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |      |       |      |
|---------------------------|--------|-----|----------|------|-------|------|
| 33) 1,2-Dichloroethane-d4 | 6.04   | 65  | 3077     | 1.91 | ug/l  | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 3.82% |      |
| 35) Dibromofluoromethane  | 5.47   | 113 | 1796     | 1.37 | ug/l  | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 2.74% |      |
| 50) Toluene-d8            | 8.70   | 98  | 6022     | 1.19 | ug/l  | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 2.38% |      |
| 62) 4-Bromofluorobenzene  | 11.12  | 95  | 2578     | 1.35 | ug/l  | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 2.70% |      |

## Target Compounds

|                               |      |     |       |       | Qvalue |     |
|-------------------------------|------|-----|-------|-------|--------|-----|
| 2) Dichlorodifluoromethane    | 1.18 | 85  | 1036  | 0.842 | ug/l   | 95  |
| 3) Chloromethane              | 1.31 | 50  | 1648  | 1.135 | ug/l # | 87  |
| 4) Vinyl Chloride             | 1.39 | 62  | 2076  | 1.296 | ug/l   | 91  |
| 5) Bromomethane               | 1.64 | 94  | 1499  | 1.436 | ug/l   | 89  |
| 6) Chloroethane               | 1.71 | 64  | 1717  | 1.727 | ug/l # | 77  |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 3182  | 1.461 | ug/l   | 95  |
| 8) Diethyl Ether              | 2.17 | 74  | 1516  | 1.664 | ug/l   | 89  |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 1558  | 1.309 | ug/l   | 96  |
| 10) Methyl Iodide             | 2.49 | 142 | 876   | 0.573 | ug/l # | 94  |
| 11) Tert butyl alcohol        | 3.01 | 59  | 2187  | 5.552 | ug/l # | 93  |
| 12) 1,1-Dichloroethene        | 2.35 | 96  | 2043  | 1.642 | ug/l   | 91  |
| 13) Acrolein                  | 2.28 | 56  | 1274  | 5.326 | ug/l # | 76  |
| 14) Allyl chloride            | 2.71 | 41  | 2411  | 1.073 | ug/l   | 97  |
| 15) Acrylonitrile             | 3.12 | 53  | 4172  | 5.084 | ug/l # | 93  |
| 16) Acetone                   | 2.42 | 43  | 5039  | 7.212 | ug/l   | 97  |
| 17) Carbon Disulfide          | 2.55 | 76  | 4384  | 1.036 | ug/l   | 95  |
| 18) Methyl Acetate            | 2.75 | 43  | 2168  | 1.263 | ug/l # | 87  |
| 19) Methyl tert-butyl Ether   | 3.17 | 73  | 4652  | 1.078 | ug/l   | 95  |
| 20) Methylene Chloride        | 2.84 | 84  | 1824  | 1.254 | ug/l # | 89  |
| 21) trans-1,2-Dichloroethene  | 3.15 | 96  | 1694  | 1.204 | ug/l   | 86  |
| 22) Diisopropyl ether         | 3.82 | 45  | 4444  | 1.033 | ug/l # | 77  |
| 23) Vinyl Acetate             | 3.78 | 43  | 17535 | 4.639 | ug/l   | 100 |
| 24) 1,1-Dichloroethane        | 3.67 | 63  | 2778  | 1.146 | ug/l   | 96  |
| 25) 2-Butanone                | 4.64 | 43  | 5206  | 4.619 | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene    | 4.57 | 96  | 1882  | 1.220 | ug/l   | 91  |
| 28) Bromochloromethane        | 4.98 | 49  | 1812  | 1.632 | ug/l # | 65  |
| 29) Tetrahydrofuran           | 5.10 | 42  | 4400  | 5.899 | ug/l # | 75  |
| 30) Chloroform                | 5.18 | 83  | 2750  | 1.129 | ug/l # | 78  |
| 31) Cyclohexane               | 5.55 | 56  | 2656  | 1.227 | ug/l # | 78  |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97  | 2861  | 1.288 | ug/l # | 47  |
| 36) 1,1-Dichloropropene       | 5.78 | 75  | 2231  | 1.112 | ug/l # | 40  |
| 37) Ethyl Acetate             | 4.79 | 43  | 2507  | 1.095 | ug/l   | 95  |
| 38) Carbon Tetrachloride      | 5.75 | 117 | 2274  | 1.110 | ug/l # | 76  |
| 39) Methylcyclohexane         | 7.44 | 83  | 2417  | 1.018 | ug/l # | 80  |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052620\  
 Data File : VX016420.D  
 Acq On : 26 May 2020 12:20  
 Operator : JC/SP  
 Sample : VSTDIC001  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDIC001

Quant Time: May 26 15:56:45 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X052620W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 26 15:50:19 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 40) Benzene                    | 6.11  | 78   | 6053     | 1.030  | ug/l   | 96       |
| 41) Methacrylonitrile          | 5.01  | 41   | 453      | 0.367  | ug/l # | 1        |
| 42) 1,2-Dichloroethane         | 6.15  | 62   | 2778     | 1.313  | ug/l   | 89       |
| 43) Isopropyl Acetate          | 6.42  | 43   | 3899     | 1.065  | ug/l # | 91       |
| 44) Trichloroethene            | 7.19  | 130  | 2346     | 1.129  | ug/l   | 94       |
| 45) 1,2-Dichloropropane        | 7.48  | 63   | 1705     | 1.154  | ug/l   | 90       |
| 46) Dibromomethane             | 7.64  | 93   | 1146     | 1.122  | ug/l   | 91       |
| 47) Bromodichloromethane       | 7.88  | 83   | 2378     | 1.153  | ug/l   | 89       |
| 48) Methyl methacrylate        | 7.75  | 41   | 2142     | 1.241  | ug/l # | 77       |
| 49) 1,4-Dioxane                | 7.73  | 88   | 934      | 22.233 | ug/l # | 70       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 10279    | 4.581  | ug/l   | 99       |
| 52) Toluene                    | 8.76  | 92   | 3469     | 0.942  | ug/l   | 90       |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 2515     | 1.026  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene    | 8.41  | 75   | 2450     | 0.961  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 1628     | 1.119  | ug/l # | 86       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 2176     | 0.931  | ug/l # | 85       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 2693     | 1.069  | ug/l # | 75       |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 5736     | 4.619  | ug/l   | 93       |
| 59) 2-Hexanone                 | 9.47  | 43   | 7850     | 4.451  | ug/l   | 96       |
| 60) Dibromochloromethane       | 9.56  | 129  | 1663     | 1.032  | ug/l   | 95       |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 1489     | 0.943  | ug/l   | 93       |
| 64) Tetrachloroethene          | 9.32  | 164  | 2248     | 0.964  | ug/l   | 91       |
| 65) Chlorobenzene              | 10.12 | 112  | 4123     | 1.026  | ug/l   | 92       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.20 | 131  | 1349     | 0.906  | ug/l # | 58       |
| 67) Ethyl Benzene              | 10.24 | 91   | 6620     | 0.929  | ug/l   | 89       |
| 68) m/p-Xylenes                | 10.34 | 106  | 4775     | 1.784  | ug/l   | 96       |
| 69) o-Xylene                   | 10.68 | 106  | 2510     | 0.974  | ug/l   | 89       |
| 70) Stvrene                    | 10.69 | 104  | 3412     | 0.783  | ug/l # | 90       |
| 71) Bromoform                  | 10.84 | 173  | 865      | 0.712  | ug/l # | 82       |
| 73) Isopropylbenzene           | 11.00 | 105  | 6329     | 1.018  | ug/l   | 96       |
| 74) N-amyl acetate             | 10.88 | 43   | 2956     | 1.037  | ug/l # | 92       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 1330     | 1.164  | ug/l   | 92       |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 2761     | 1.431  | ug/l   | 98       |
| 77) Bromobenzene               | 11.24 | 156  | 1488     | 0.921  | ug/l   | 91       |
| 78) n-propylbenzene            | 11.35 | 91   | 7071     | 0.980  | ug/l   | 96       |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 4073     | 0.954  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 4434     | 0.845  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-buten | 11.05 | 75   | 853      | 1.060  | ug/l # | 77       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 4823     | 0.956  | ug/l   | 89       |
| 83) tert-Butylbenzene          | 11.75 | 119  | 4235     | 0.937  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 4546     | 0.859  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 11.93 | 105  | 5481     | 0.906  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 4550     | 0.812  | ug/l   | 89       |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 2619     | 0.907  | ug/l   | 90       |
| 88) 1,4-Dichlorobenzene        | 12.01 | 146  | 2619     | 0.893  | ug/l   | 91       |
| 89) n-Butylbenzene             | 12.37 | 91   | 4439     | 0.872  | ug/l   | 92       |
| 90) Hexachloroethane           | 12.58 | 117  | 893      | 0.922  | ug/l   | 88       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 2476     | 0.886  | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 637      | 1.252  | ug/l   | 67       |
| 93) 1,2,4-Trichlorobenzene     | 13.63 | 180  | 1740     | 0.859  | ug/l   | 92       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052620\  
Data File : VX016420.D  
Acq On : 26 May 2020 12:20  
Operator : JC/SP  
Sample : VSTDICC001  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 2 Sample Multiplier: 1

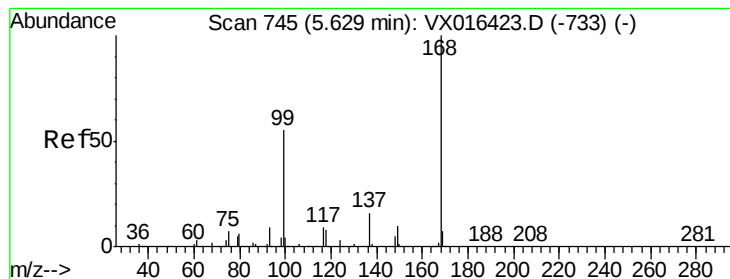
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

Quant Time: May 26 15:56:45 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X052620W.M  
Quant Title : SW846 8260  
QLast Update : Tue May 26 15:50:19 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 94) Hexachlorobutadiene    | 13.76 | 225  | 664      | 0.733 | ug/l  | 89       |
| 95) Naphthalene            | 13.82 | 128  | 5306     | 0.800 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 1376     | 0.698 | ug/l  | 84       |

(#) = 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. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

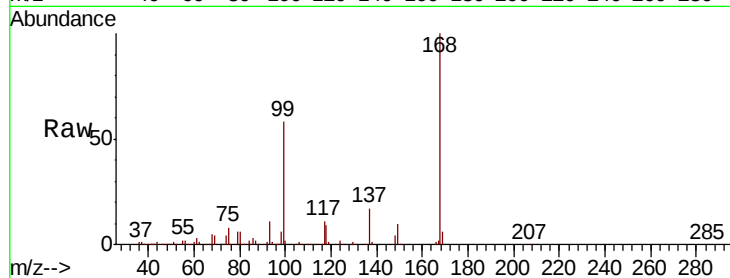
VSTDIC001

Tot Ion:168 Resp: 121227

Ion Ratio Lower Upper

168 100

99 57.8 44.4 66.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

40000

30000

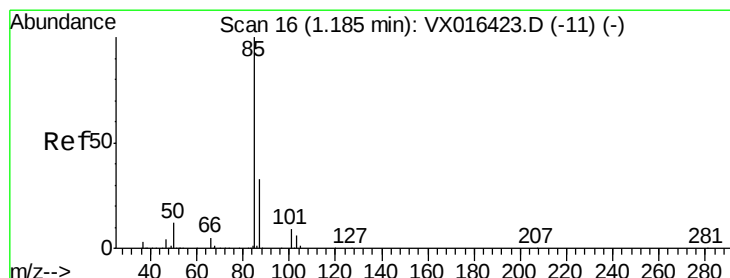
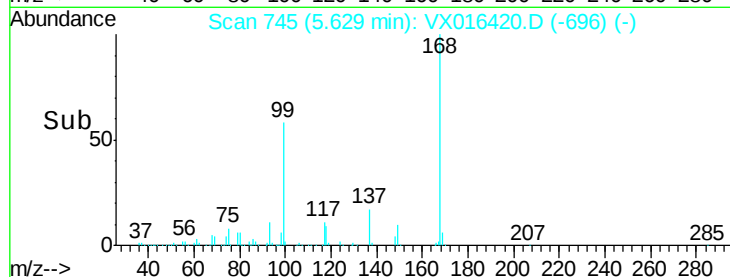
20000

10000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 0.842 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016420.D

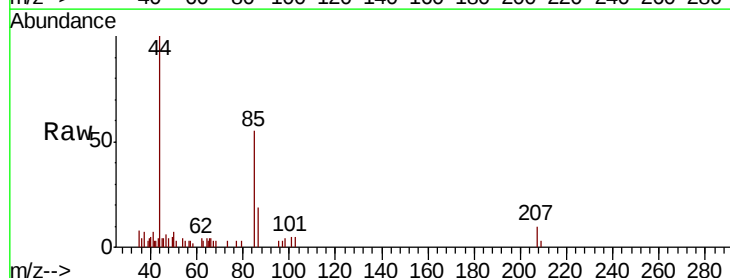
Acq: 26 May 2020 12:20

Tgt Ion: 85 Resp: 1036

Ion Ratio Lower Upper

85 100

87 35.4 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

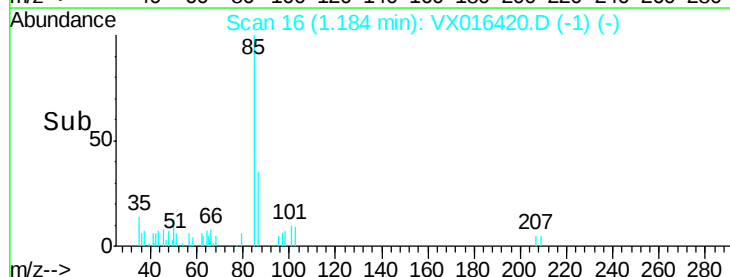
1000

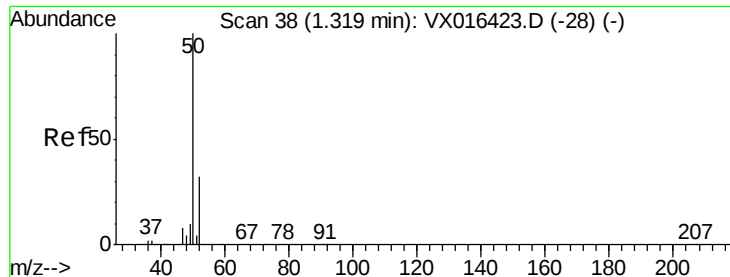
500

0

Time-->

1.15 1.20





#3

Chloromethane

Concen: 1.135 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

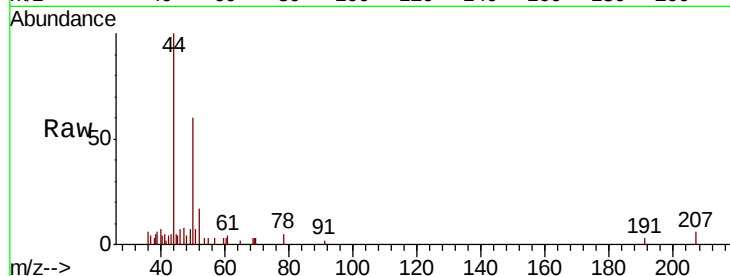
VSTDIC001

Tot Ion: 50 Resp: 1648

Ion Ratio Lower Upper

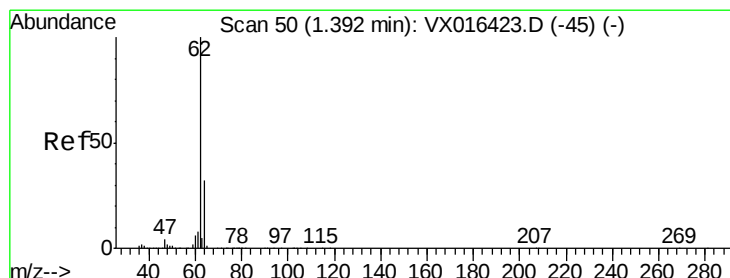
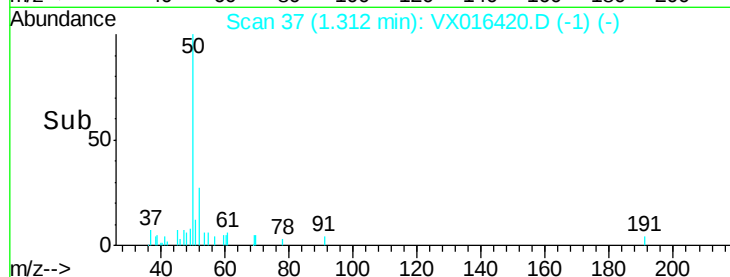
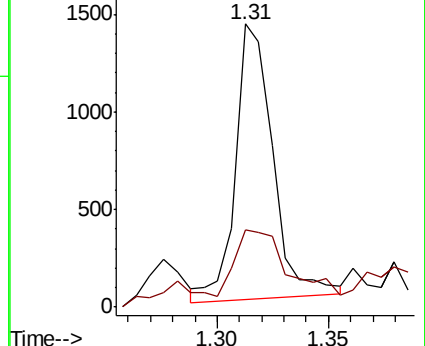
50 100

52 25.0 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.296 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016420.D

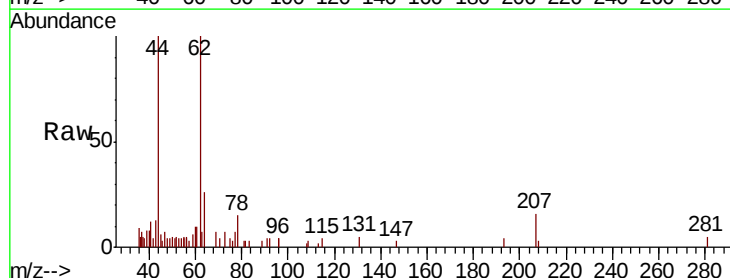
Acq: 26 May 2020 12:20

Tgt Ion: 62 Resp: 2076

Ion Ratio Lower Upper

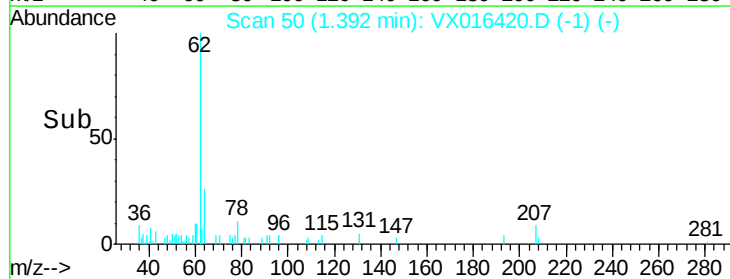
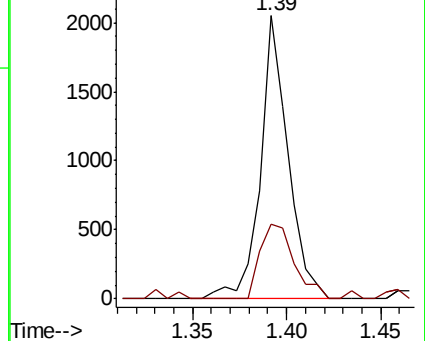
62 100

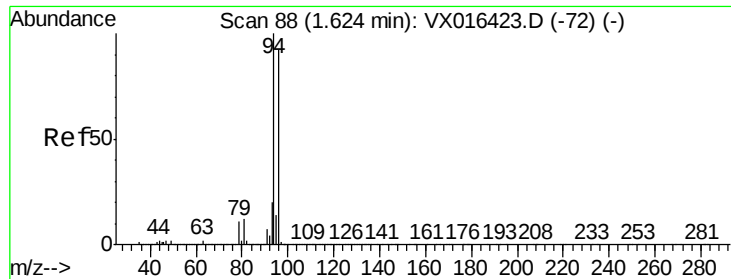
64 26.4 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.436 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

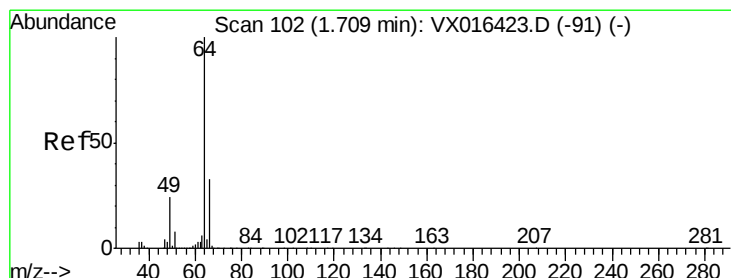
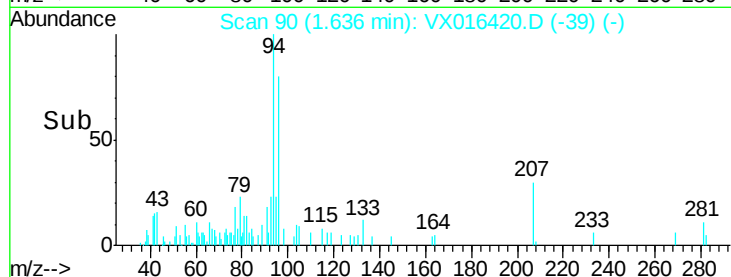
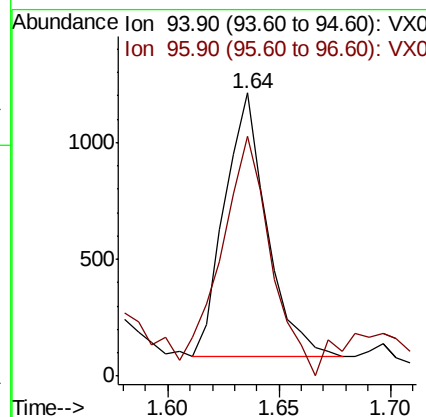
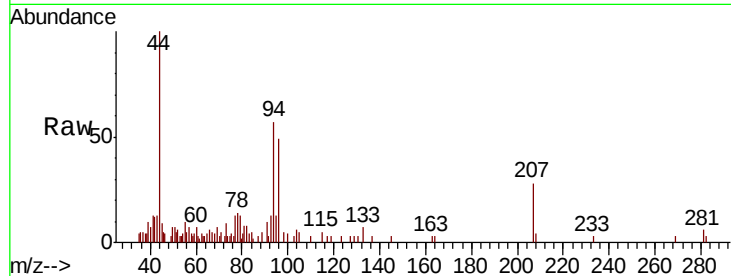
VSTDIC001

Tot Ion: 94 Resp: 1499

Ion Ratio Lower Upper

94 100

96 81.7 73.7 110.5



#6

Chloroethane

Concen: 1.727 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016420.D

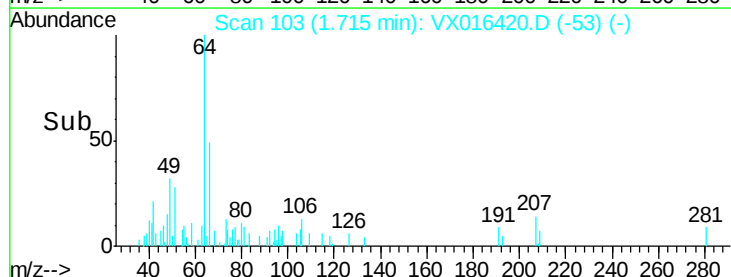
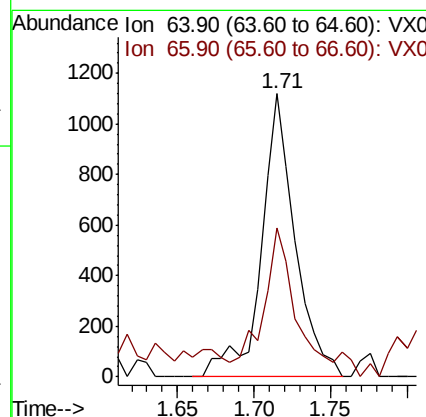
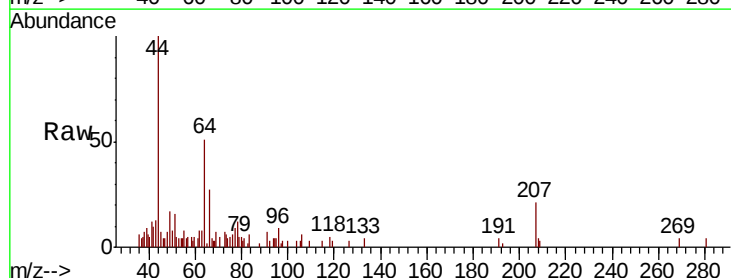
Acq: 26 May 2020 12:20

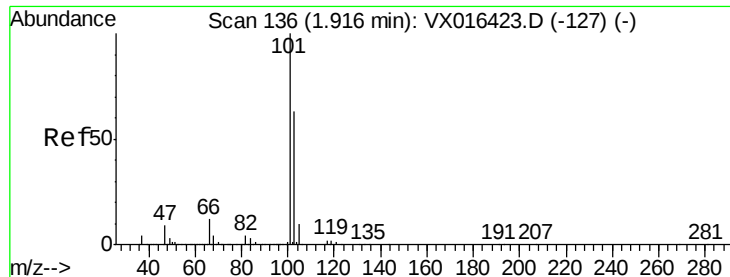
Tgt Ion: 64 Resp: 1717

Ion Ratio Lower Upper

64 100

66 45.7 26.0 39.0#





#7

Trichlorofluoromethane

Concen: 1.461 ug/l

RT: 1.92 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

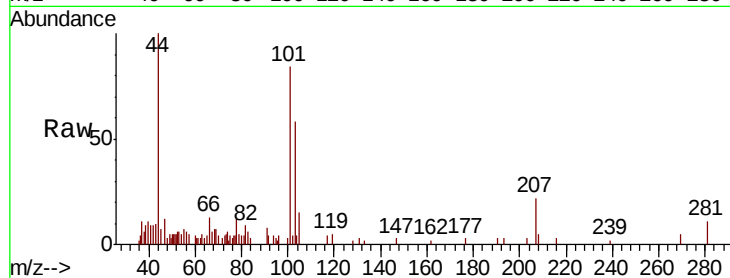
VSTDIC001

Tot Ion:101 Resp: 3182

Ion Ratio Lower Upper

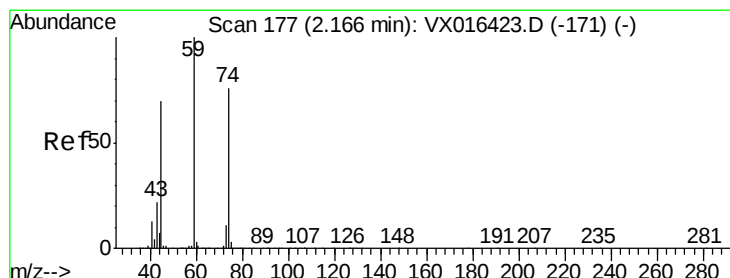
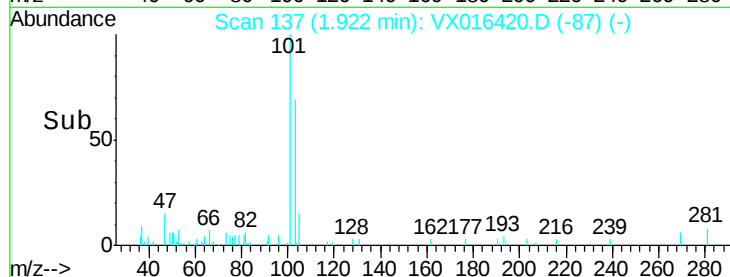
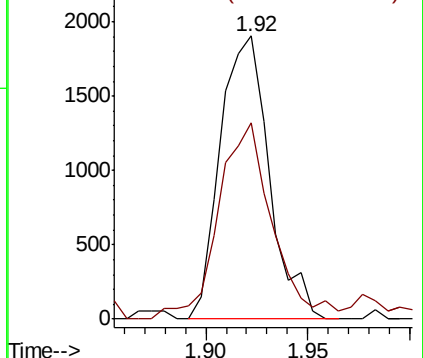
101 100

103 66.3 50.1 75.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 1.664 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX016420.D

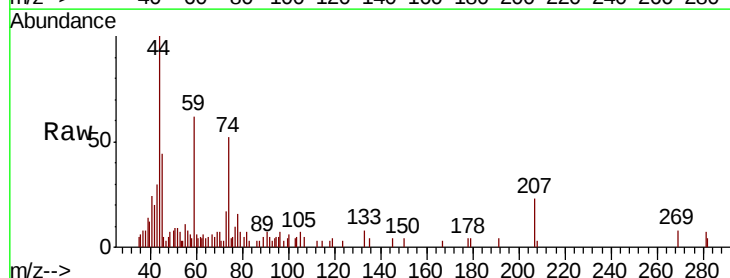
Acq: 26 May 2020 12:20

Tgt Ion: 74 Resp: 1516

Ion Ratio Lower Upper

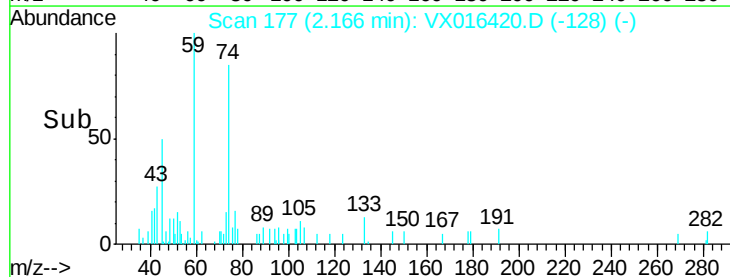
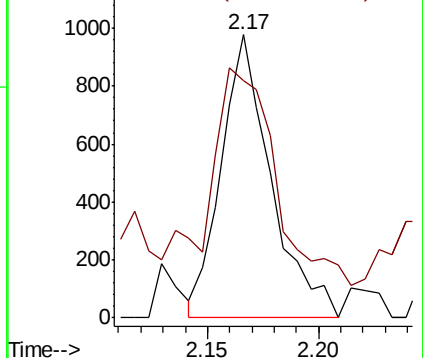
74 100

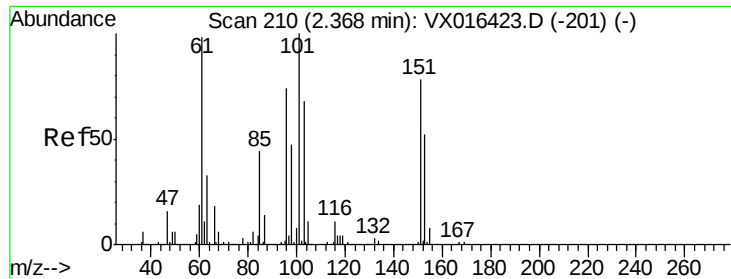
45 99.1 44.4 133.2



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.309 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

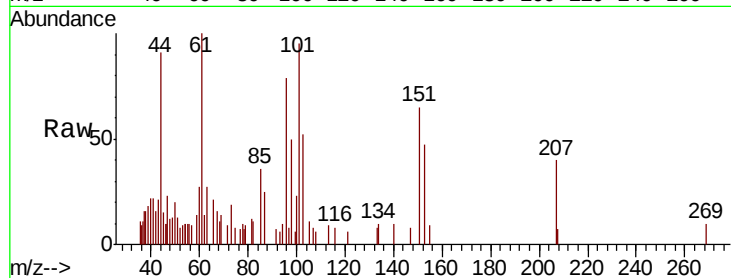
Tot Ion:101 Resp: 1558

Ion Ratio Lower Upper

101 100

85 45.0 36.2 54.4

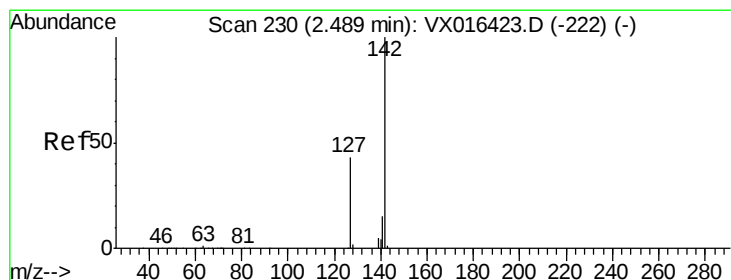
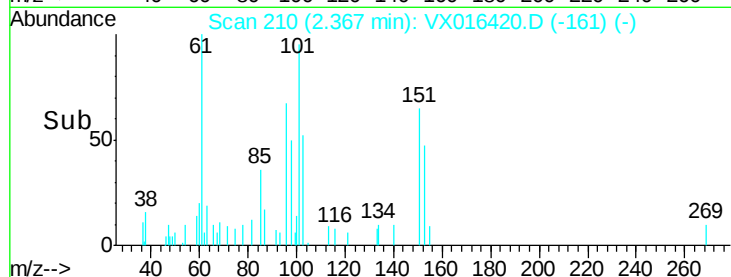
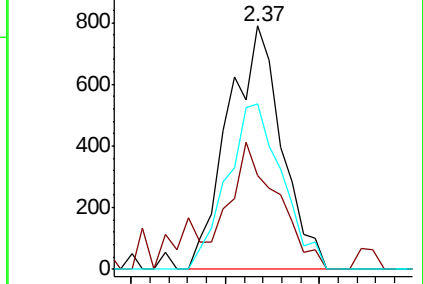
151 70.0 60.4 90.6



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: 0.573 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

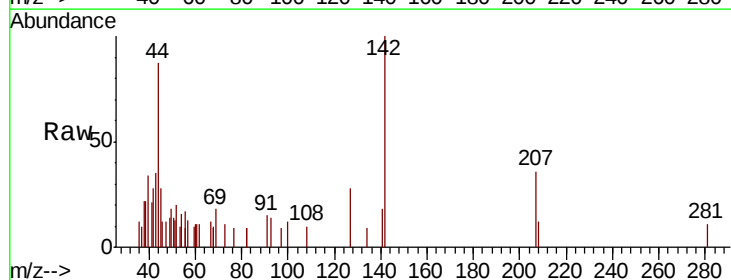
Tgt Ion:142 Resp: 876

Ion Ratio Lower Upper

142 100

127 42.1 36.2 54.4

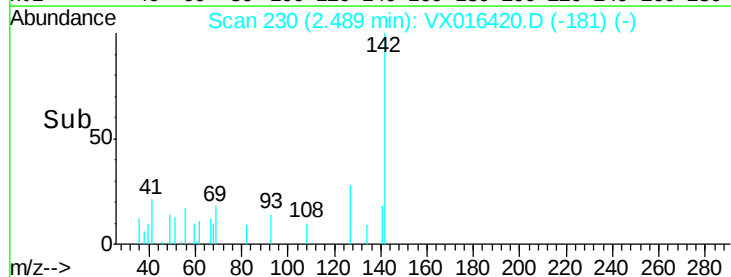
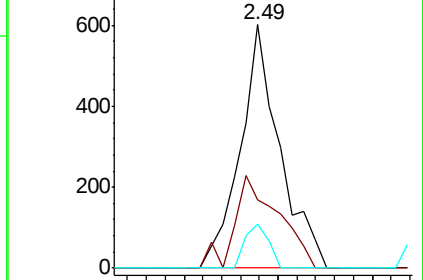
141 10.7 12.2 18.2#

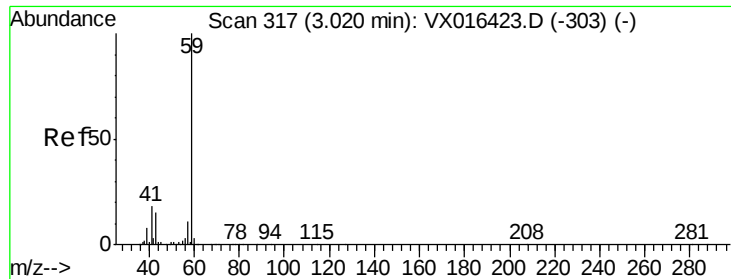


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



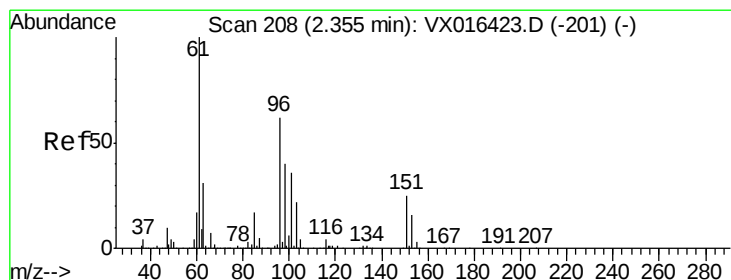
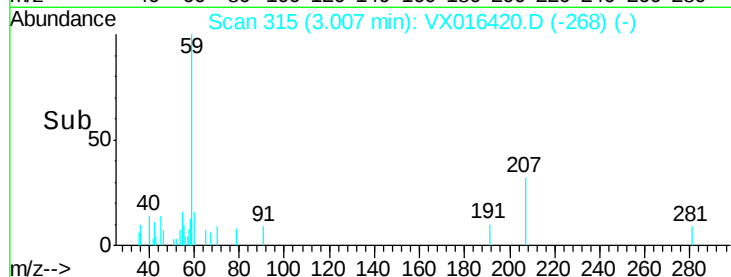
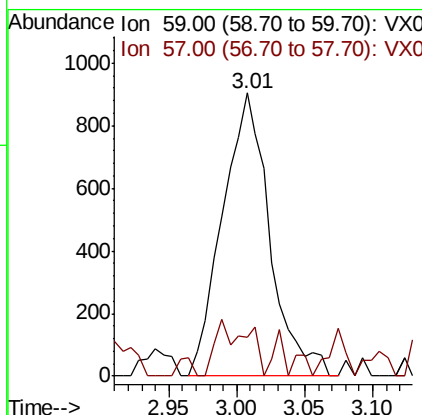
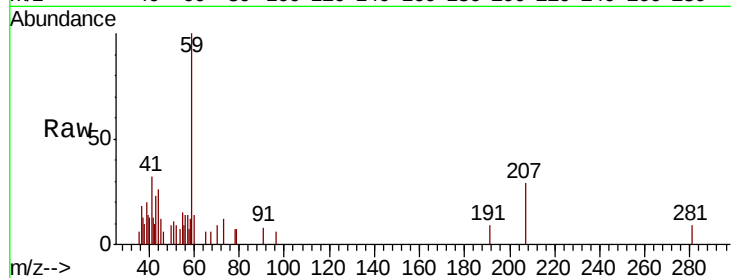


#11

Tert butyl alcohol  
 Concen: 5.552 ug/l  
 RT: 3.01 min Scan# 315  
 Delta R.T. -0.01 min  
 Lab File: VX016420.D  
 Acq: 26 May 2020 12:20

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

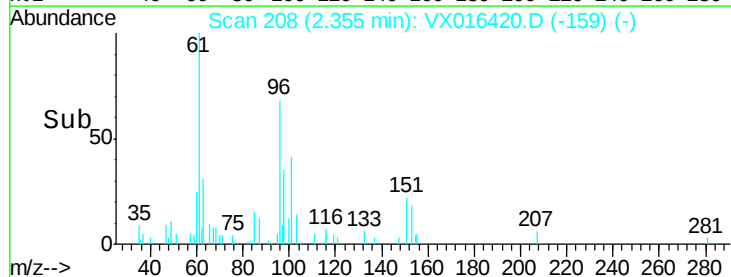
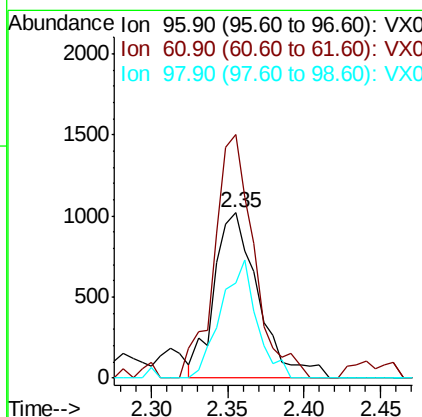
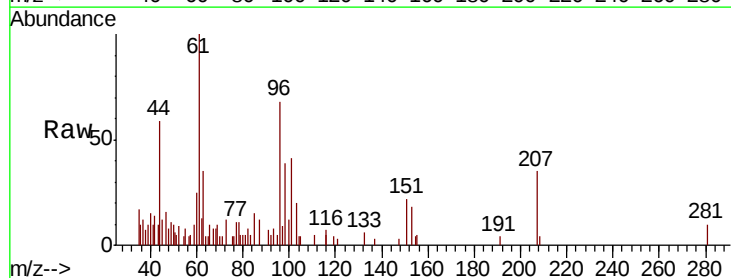
Tot Ion: 59 Resp: 2187  
 Ion Ratio Lower Upper  
 59 100  
 57 13.3 8.5 12.7#

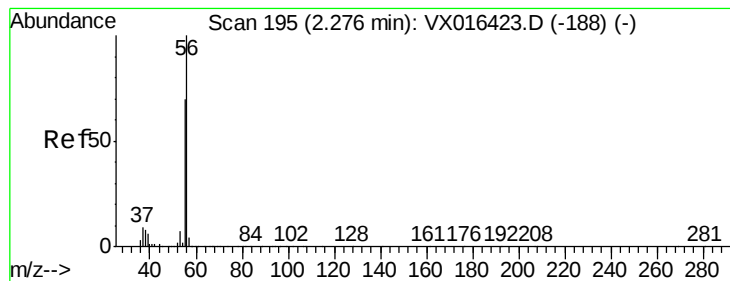


#12

1,1-Dichloroethene  
 Concen: 1.642 ug/l  
 RT: 2.35 min Scan# 208  
 Delta R.T. -0.00 min  
 Lab File: VX016420.D  
 Acq: 26 May 2020 12:20

Tgt Ion: 96 Resp: 2043  
 Ion Ratio Lower Upper  
 96 100  
 61 147.3 128.2 192.4  
 98 57.8 50.8 76.2





#13

Acrolein

Concen: 5.326 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

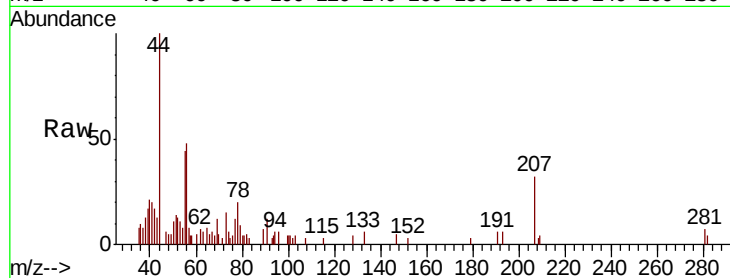
VSTDIC001

Tot Ion: 56 Resp: 1274

Ion Ratio Lower Upper

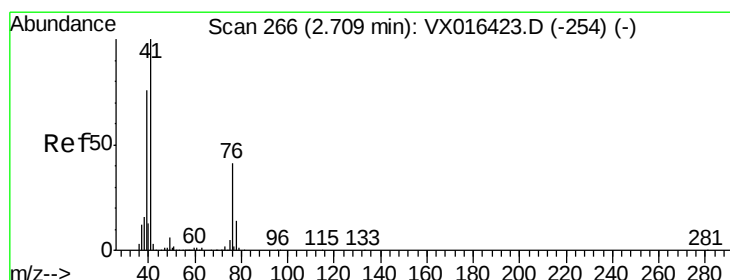
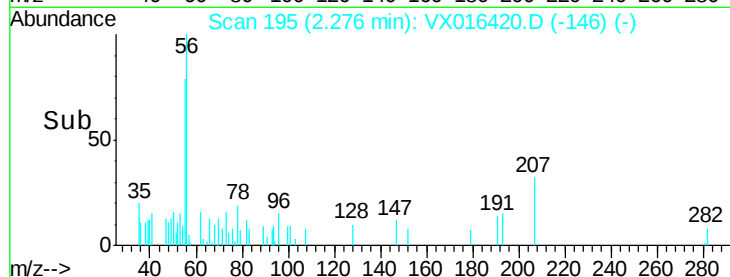
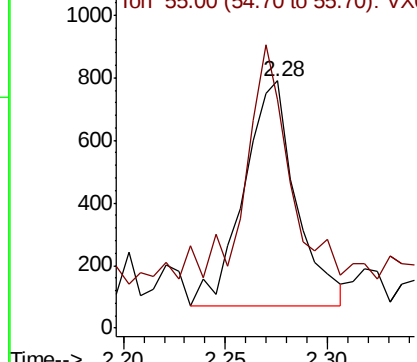
56 100

55 90.3 56.5 84.7#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 1.073 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

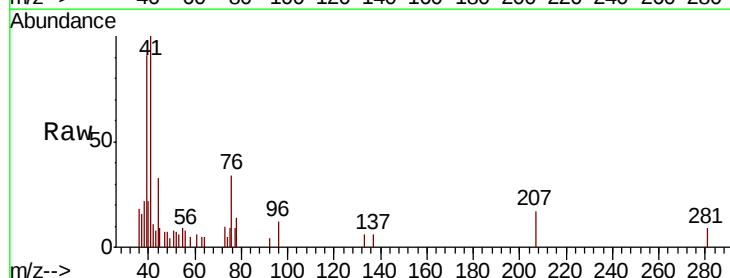
Tgt Ion: 41 Resp: 2411

Ion Ratio Lower Upper

41 100

39 66.4 55.8 83.8

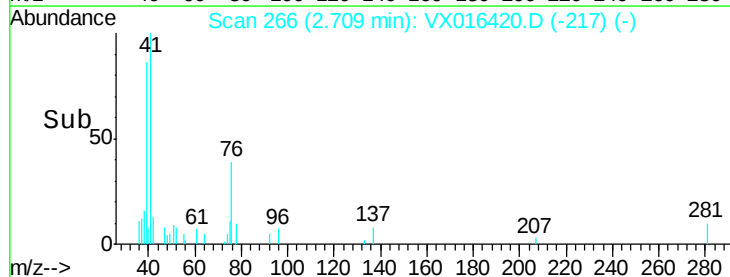
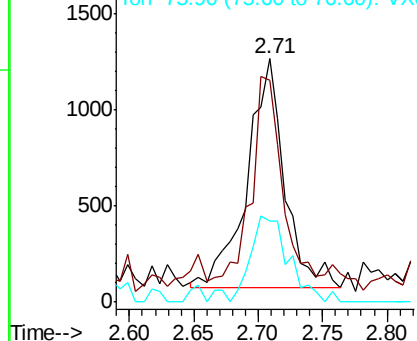
76 38.3 29.6 44.4

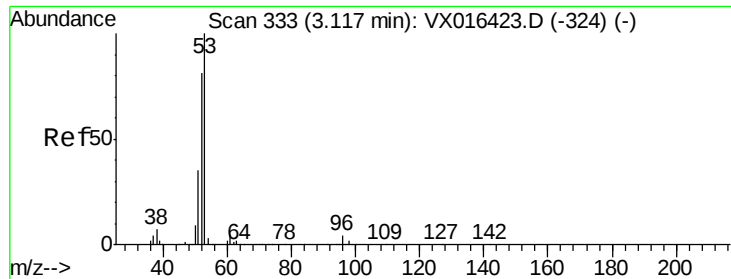


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 5.084 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

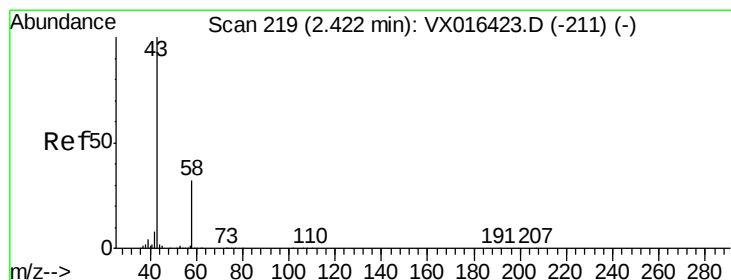
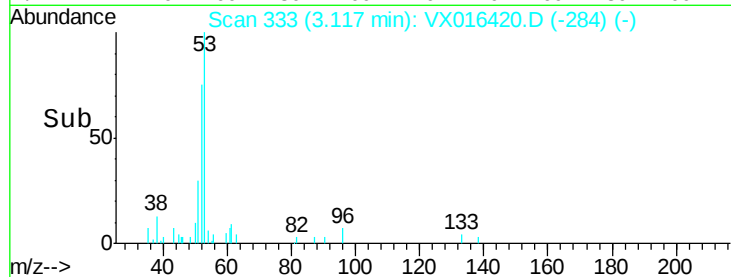
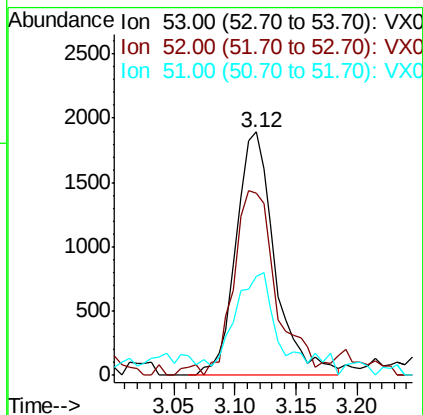
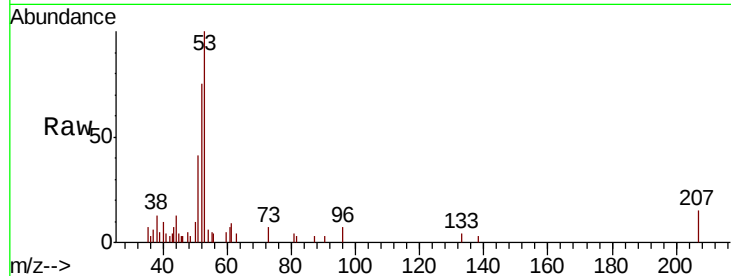
Tot Ion: 53 Resp: 4172

Ion Ratio Lower Upper

53 100

52 83.9 65.4 98.2

51 45.1 28.4 42.6#



#16

Acetone

Concen: 7.212 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016420.D

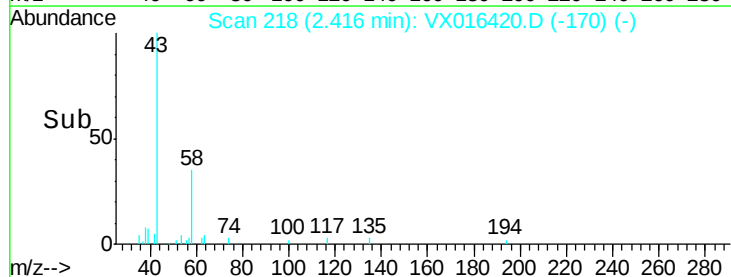
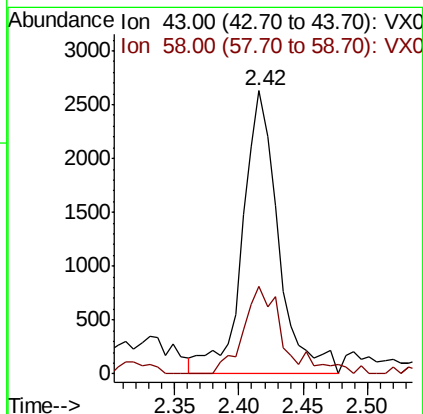
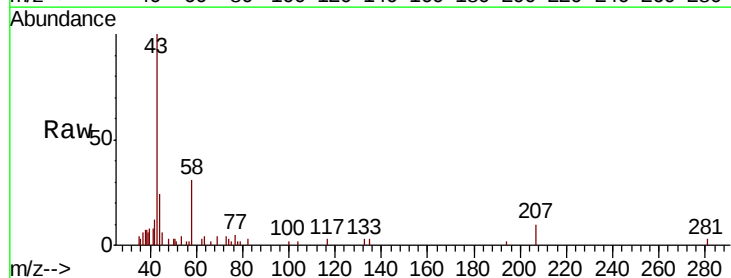
Acq: 26 May 2020 12:20

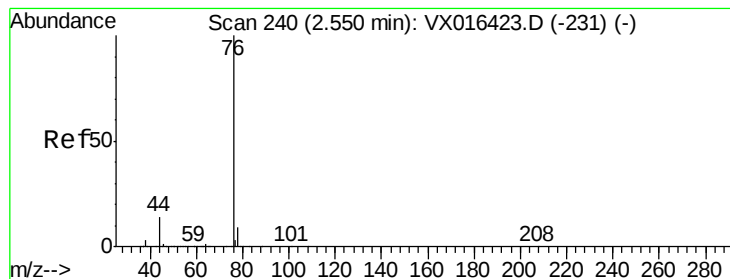
Tgt Ion: 43 Resp: 5039

Ion Ratio Lower Upper

43 100

58 31.1 26.0 39.0





#17

Carbon Disulfide

Concen: 1.036 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

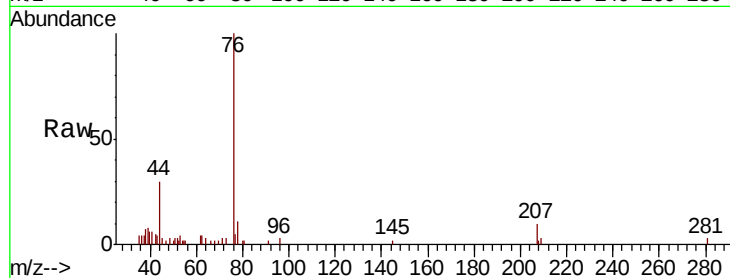
VSTDIC001

Tot Ion: 76 Resp: 4384

Ion Ratio Lower Upper

76 100

78 7.5 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

3000

2500

2000

1500

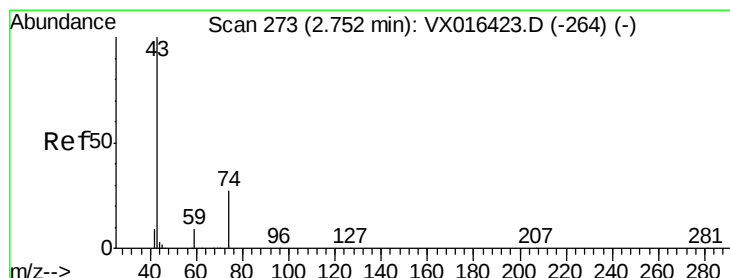
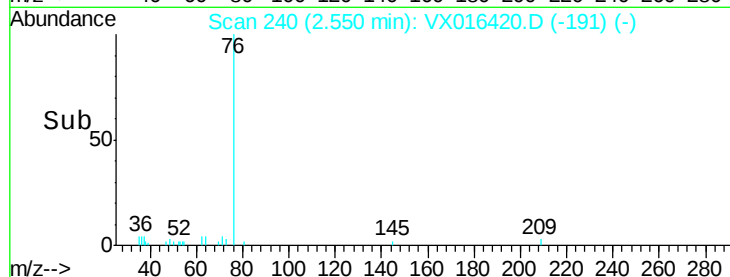
1000

500

0

Time-->

2.50 2.55 2.60



#18

Methyl Acetate

Concen: 1.263 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016420.D

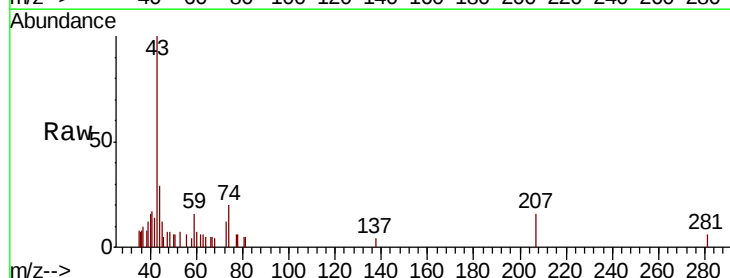
Acq: 26 May 2020 12:20

Tgt Ion: 43 Resp: 2168

Ion Ratio Lower Upper

43 100

74 33.3 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

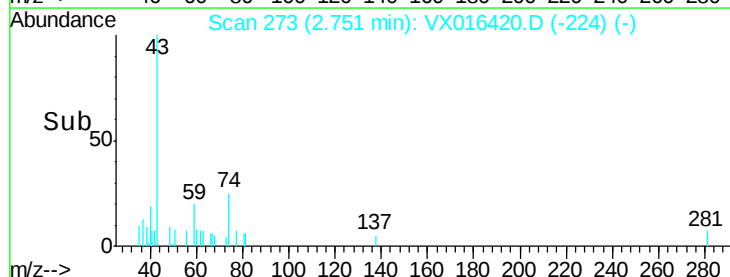
1000

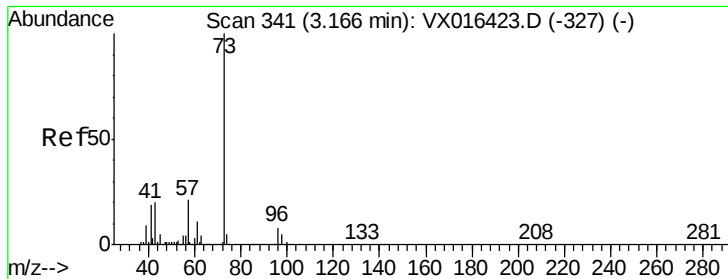
500

0

Time-->

2.70 2.75 2.80

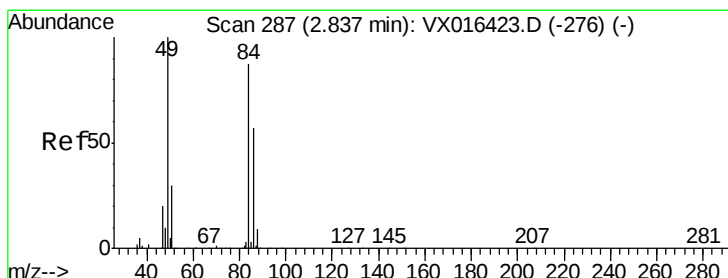
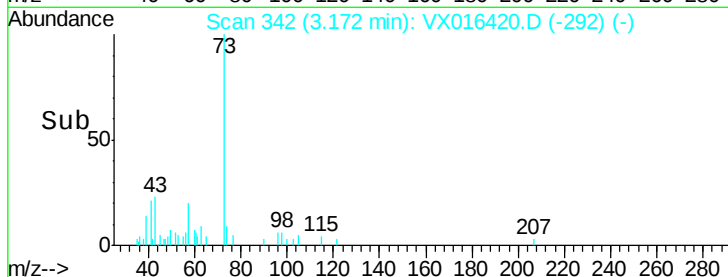
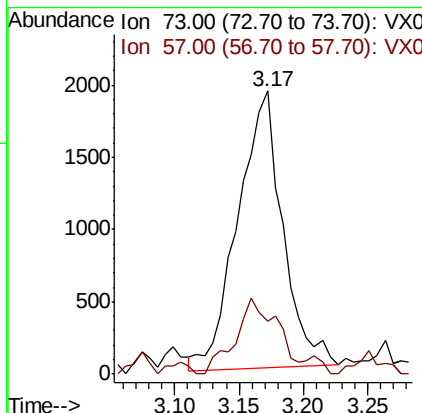
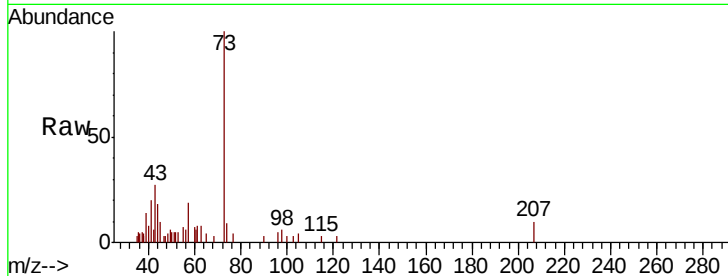




#19  
Methvl tert-butvl Ether  
Concen: 1.078 ug/l  
RT: 3.17 min Scan# 342  
Delta R.T. 0.01 min  
Lab File: VX016420.D  
Acq: 26 May 2020 12:20

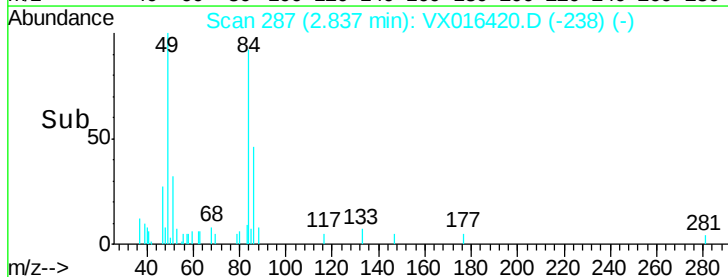
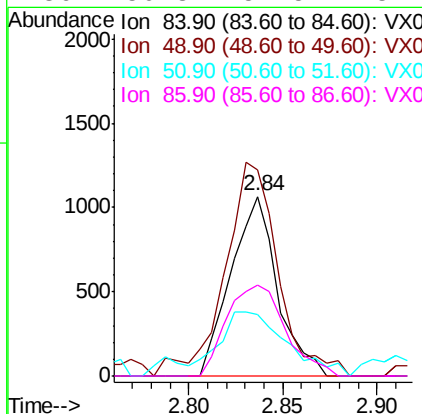
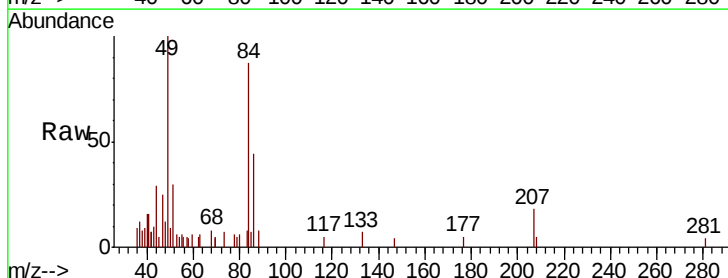
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

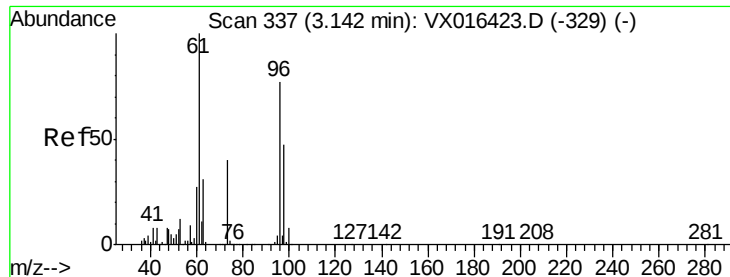
Tot Ion: 73 Resp: 4652  
Ion Ratio Lower Upper  
73 100  
57 19.5 17.3 25.9



#20  
Methylene Chloride  
Concen: 1.254 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. -0.00 min  
Lab File: VX016420.D  
Acq: 26 May 2020 12:20

Tgt Ion: 84 Resp: 1824  
Ion Ratio Lower Upper  
84 100  
49 107.8 92.2 138.4  
51 28.7 27.8 41.8  
86 50.3 52.5 78.7#





#21

trans-1,2-Dichloroethene

Concen: 1.204 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

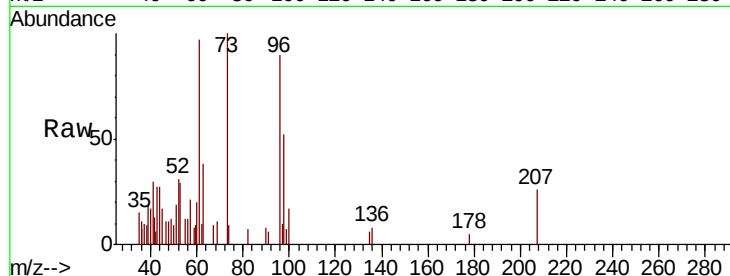
Tot Ion: 96 Resp: 1694

Ion Ratio Lower Upper

96 100

61 108.8 104.3 156.5

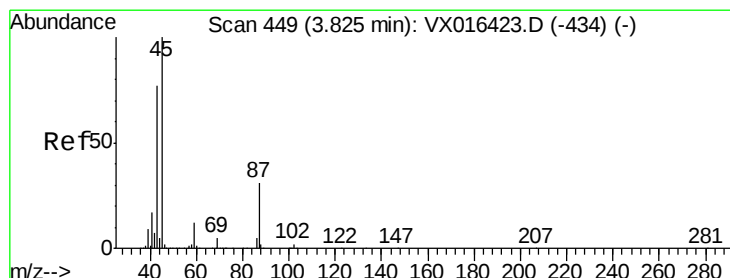
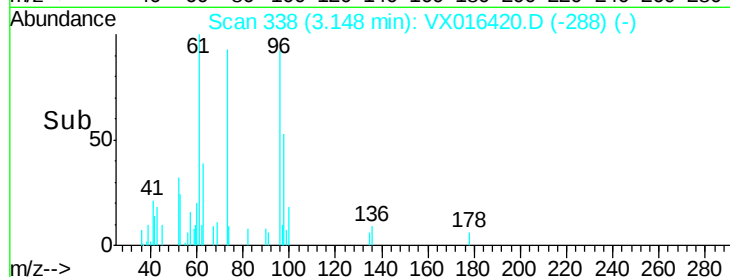
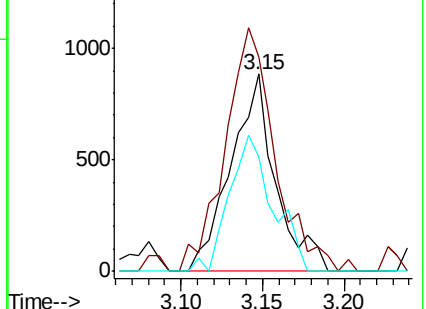
98 58.2 49.4 74.0



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: 1.033 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Tgt Ion: 45 Resp: 4444

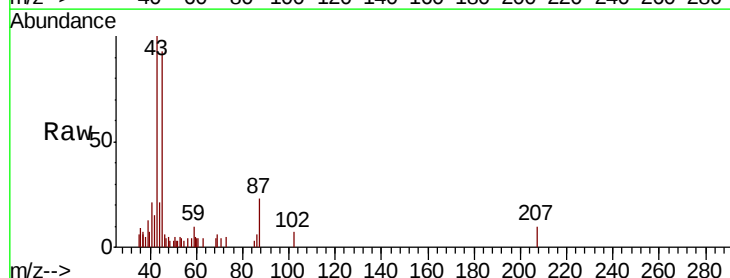
Ion Ratio Lower Upper

45 100

43 104.3 61.4 92.2#

87 26.0 24.4 36.6

59 11.7 9.4 14.2

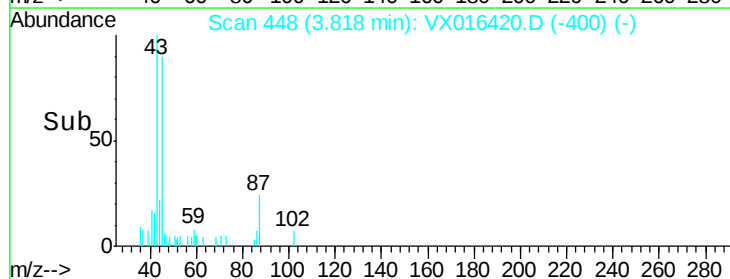
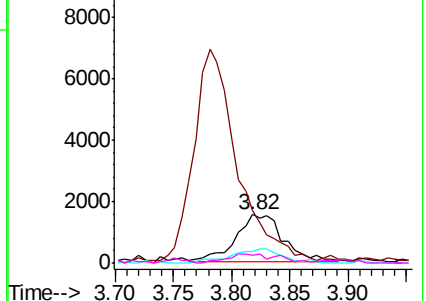


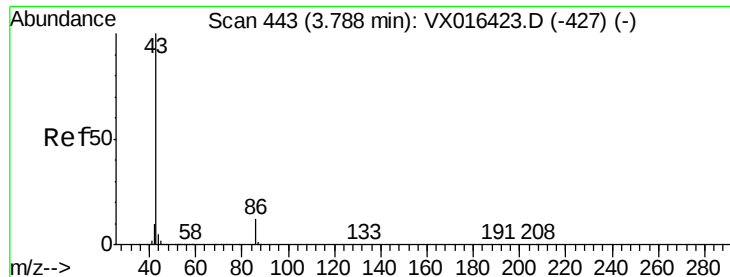
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 4.639 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

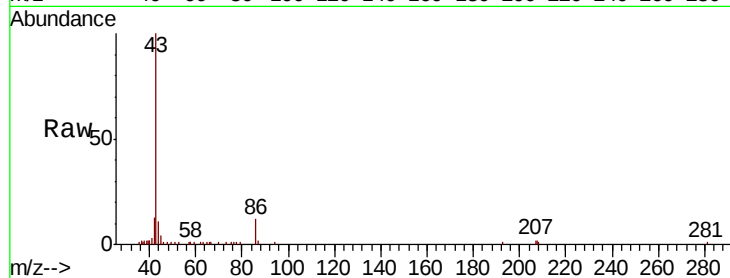
VSTDIC001

Tot Ion: 43 Resp: 17535

Ion Ratio Lower Upper

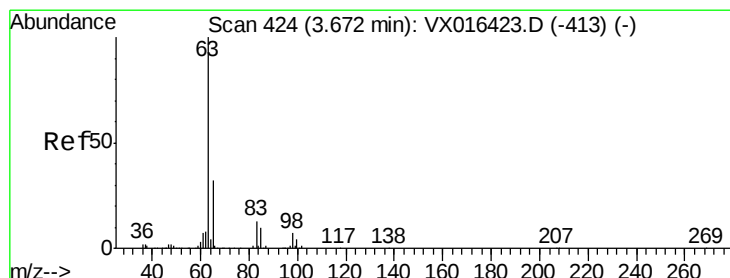
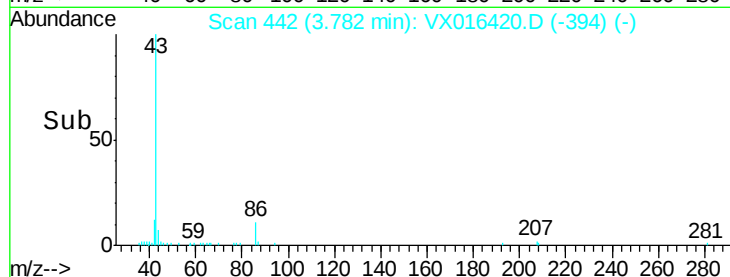
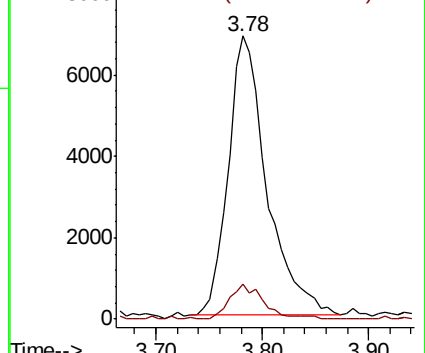
43 100

86 12.3 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 1.146 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

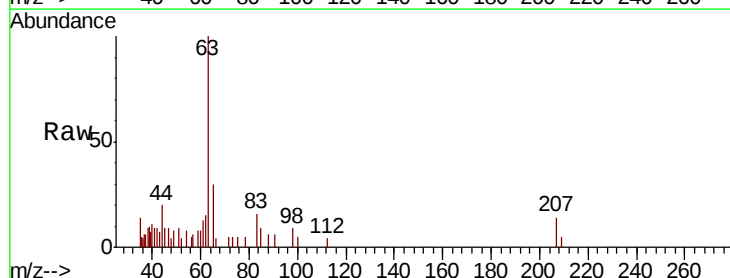
Tgt Ion: 63 Resp: 2778

Ion Ratio Lower Upper

63 100

98 8.8 3.6 10.8

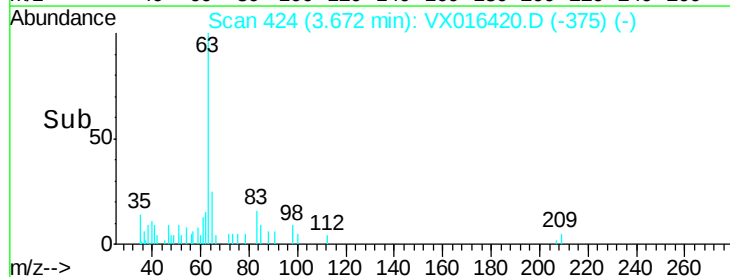
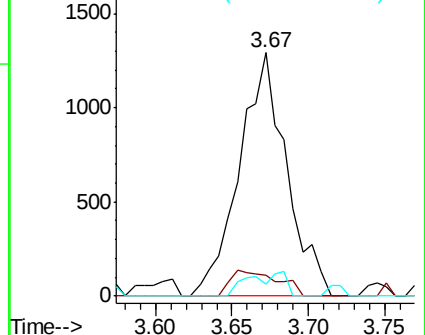
100 4.9 2.1 6.5

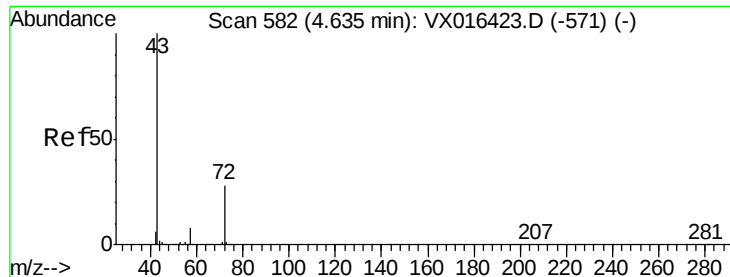


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 4.619 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

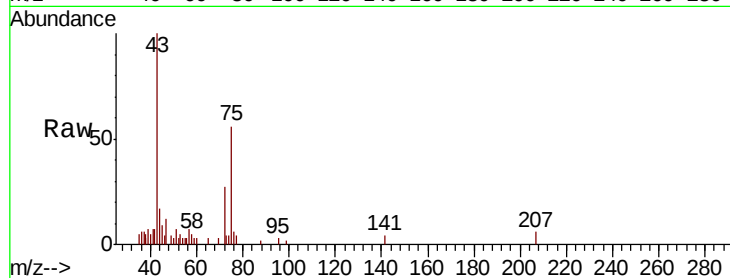
VSTDIC001

Tot Ion: 43 Resp: 5206

Ion Ratio Lower Upper

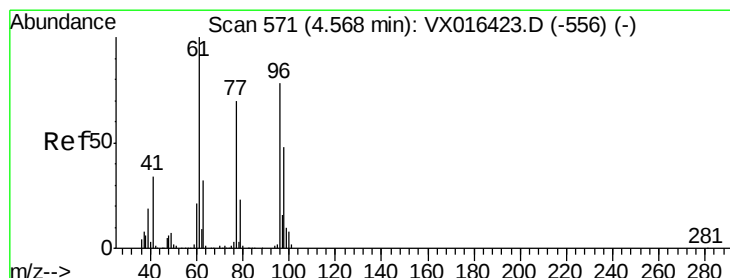
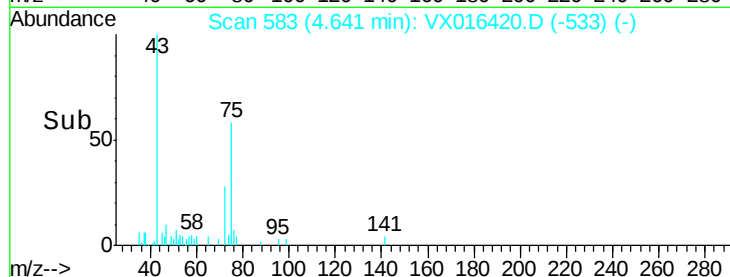
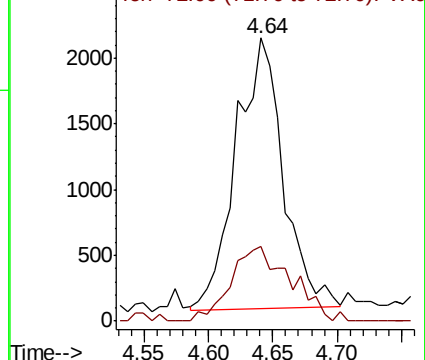
43 100

72 28.0 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 1.220 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

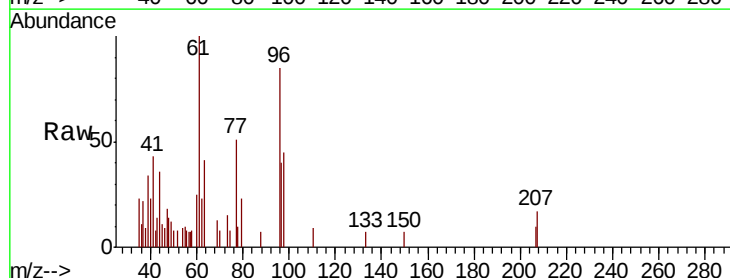
Tgt Ion: 96 Resp: 1882

Ion Ratio Lower Upper

96 100

61 149.9 0.0 271.0

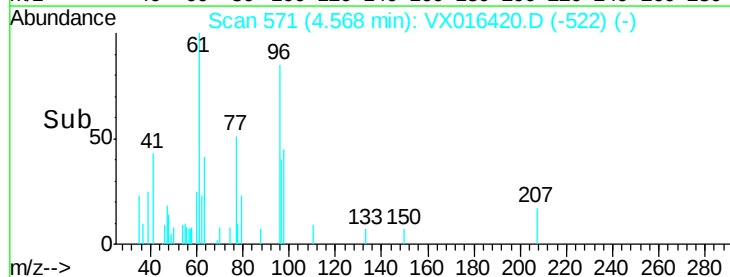
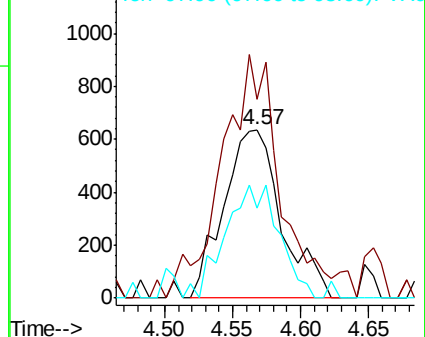
98 62.3 0.0 127.6

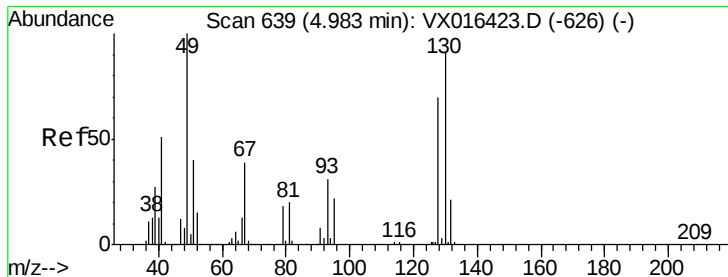


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#28

Bromochloromethane

Concen: 1.632 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

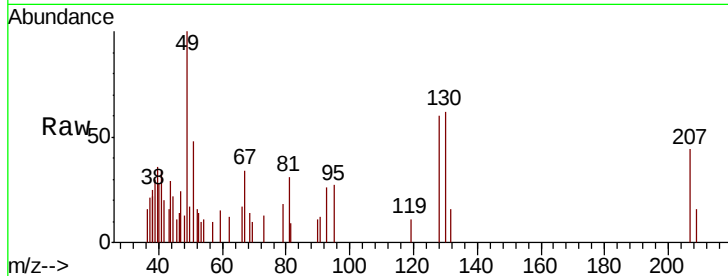
Tot Ion: 49 Resp: 1812

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.8

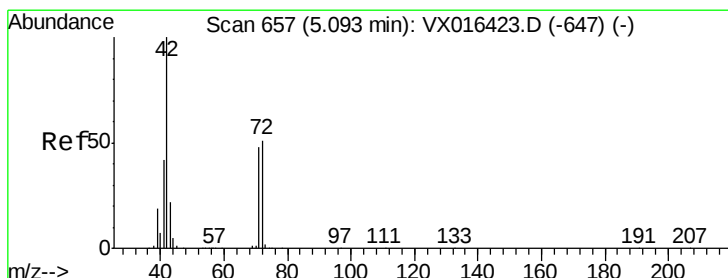
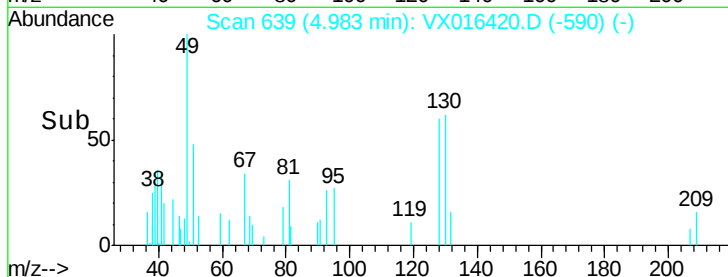
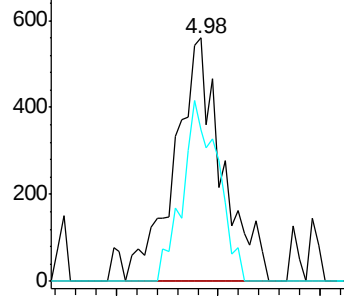
130 55.6 71.2 106.8#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 5.899 ug/l

RT: 5.10 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

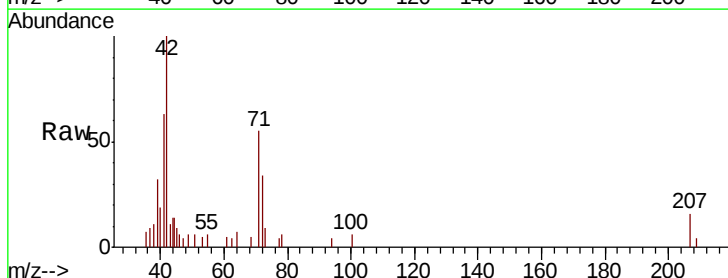
Tgt Ion: 42 Resp: 4400

Ion Ratio Lower Upper

42 100

72 20.0 40.2 60.4#

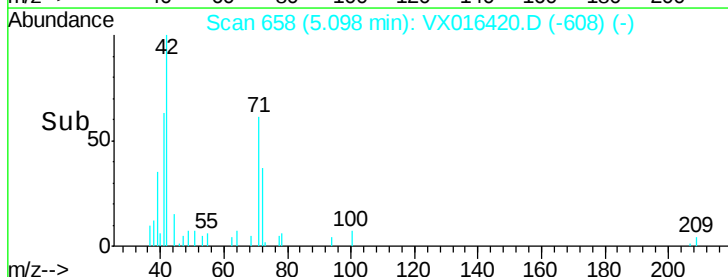
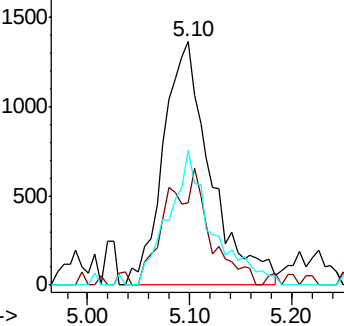
71 50.6 37.7 56.5

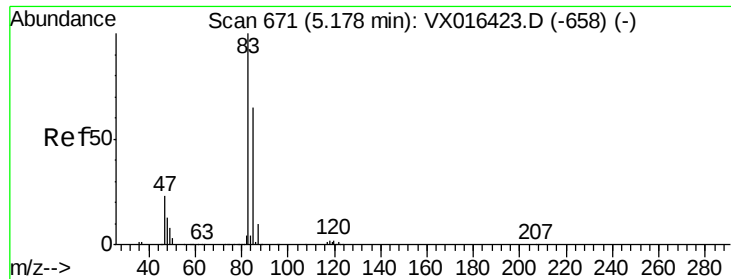


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

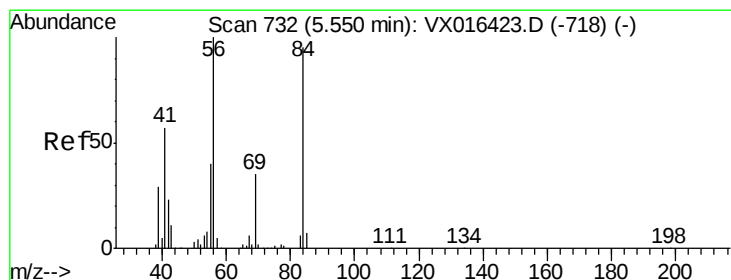
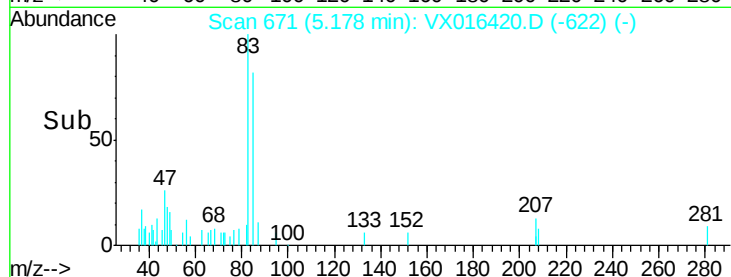
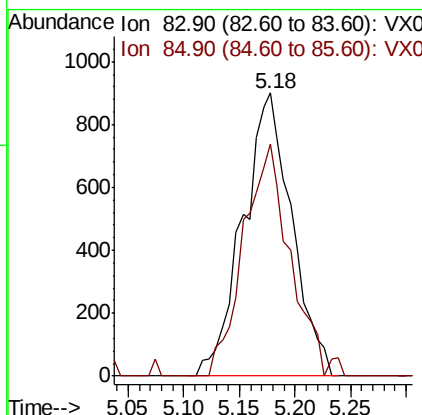
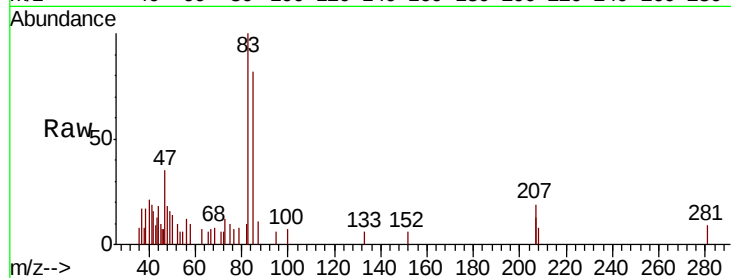




#30  
Chloroform  
Concen: 1.129 ug/l  
RT: 5.18 min Scan# 671  
Delta R.T. -0.00 min  
Lab File: VX016420.D  
Acq: 26 May 2020 12:20

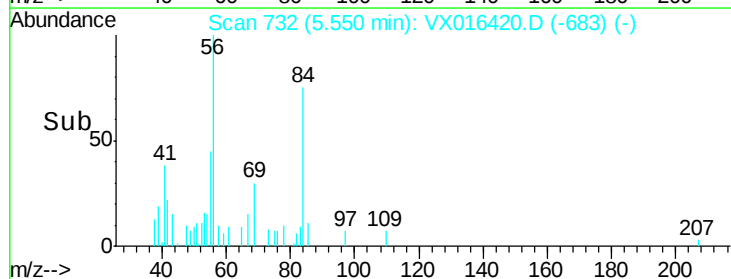
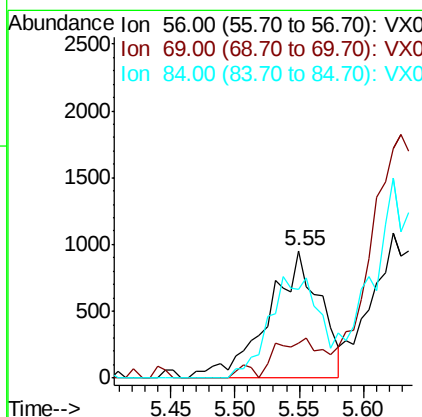
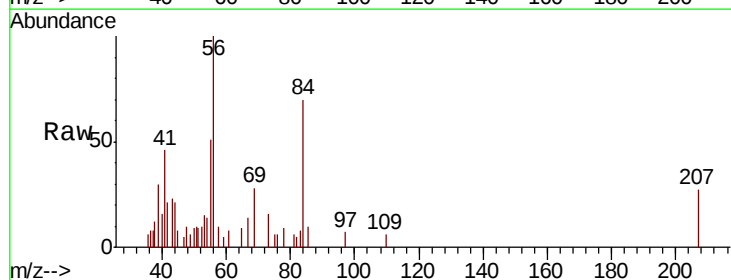
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

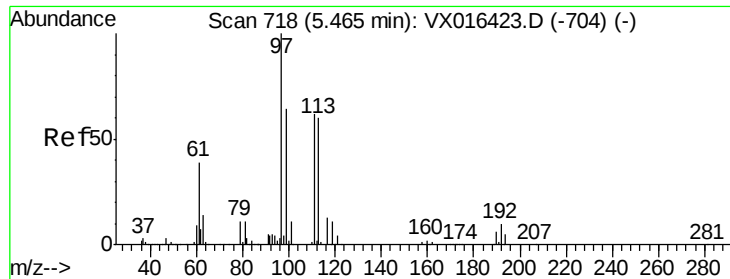
Tot Ion: 83 Resp: 2750  
Ion Ratio Lower Upper  
83 100  
85 82.2 52.1 78.1#



#31  
Cyclohexane  
Concen: 1.227 ug/l  
RT: 5.55 min Scan# 732  
Delta R.T. -0.00 min  
Lab File: VX016420.D  
Acq: 26 May 2020 12:20

Tgt Ion: 56 Resp: 2656  
Ion Ratio Lower Upper  
56 100  
69 27.9 27.7 41.5  
84 69.9 76.1 114.1#





#32

1,1,1-Trichloroethane

Concen: 1.288 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

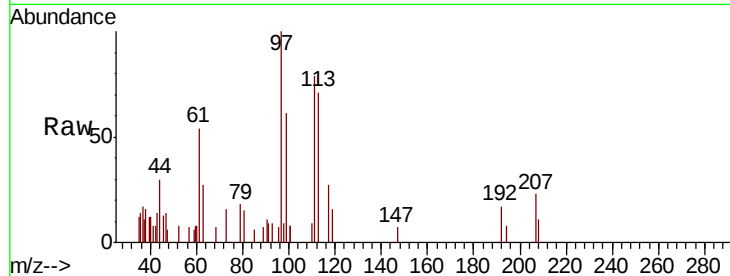
Tot Ion: 97 Resp: 2861

Ion Ratio Lower Upper

97 100

99 0.0 51.1 76.7#

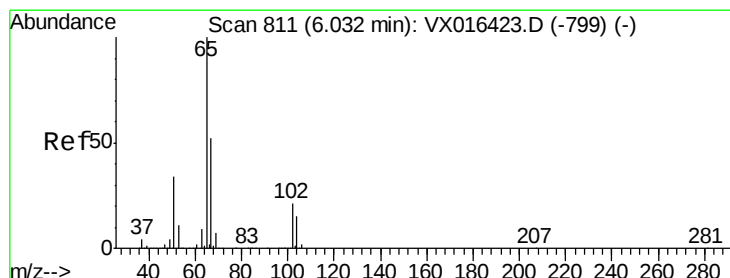
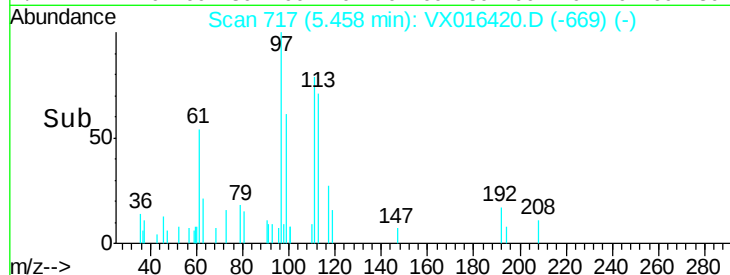
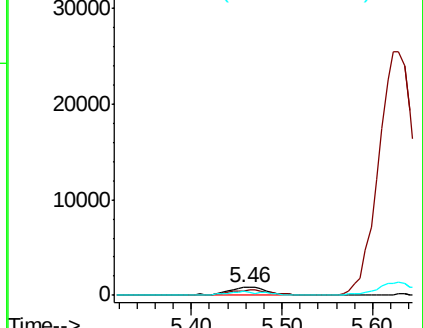
61 46.8 33.1 49.7



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 1.910 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016420.D

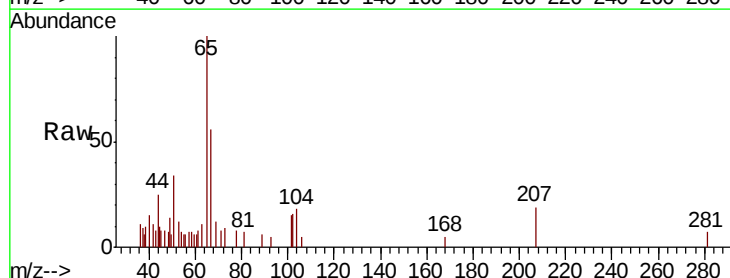
Acq: 26 May 2020 12:20

Tgt Ion: 65 Resp: 3077

Ion Ratio Lower Upper

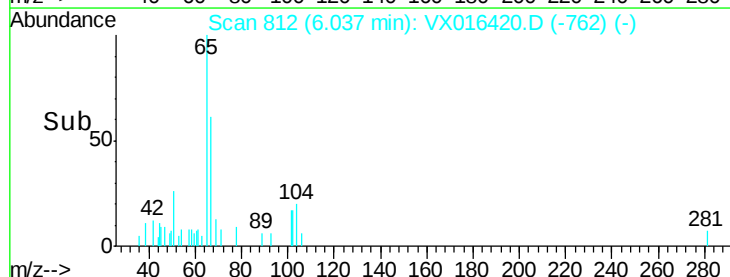
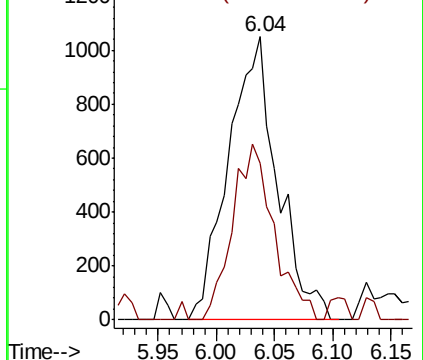
65 100

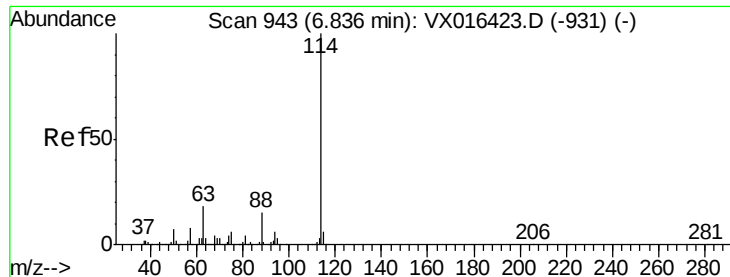
67 52.5 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

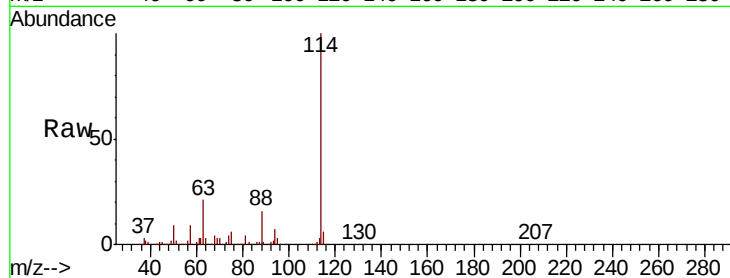




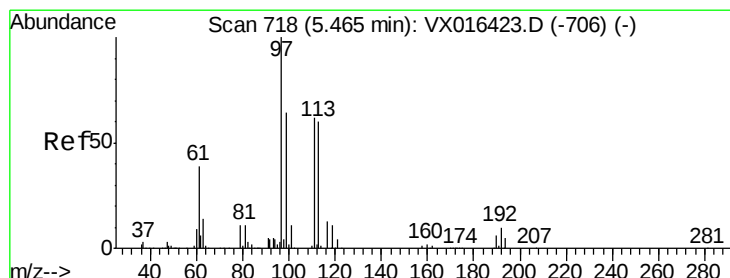
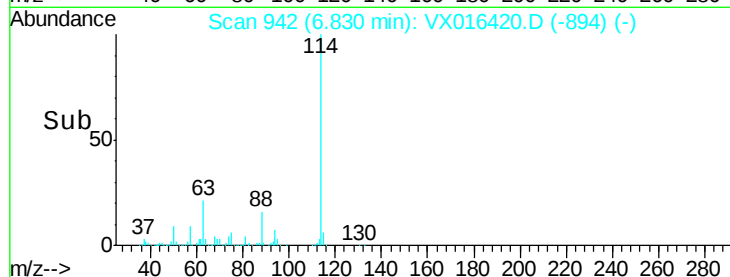
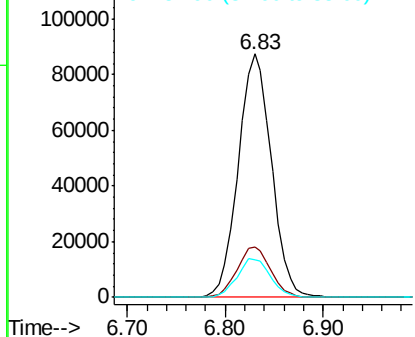
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.83 min Scan# 942  
 Delta R.T. -0.01 min  
 Lab File: VX016420.D  
 Acq: 26 May 2020 12:20

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 114   | Resp: | 205112 |
| Ion      | Ratio | Lower | Upper  |
| 114      | 100   |       |        |
| 63       | 20.9  | 0.0   | 36.4   |
| 88       | 15.6  | 0.0   | 29.2   |

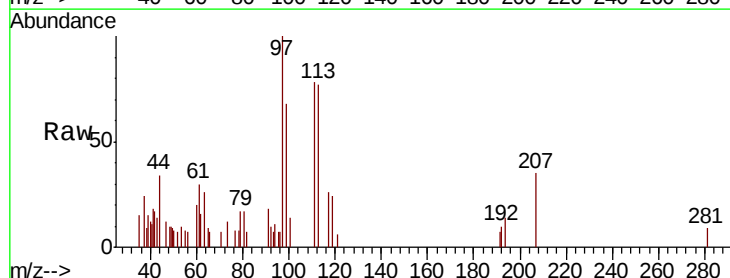


Abundance Ion 113.90 (113.60 to 114.60): V  
 Ion 63.00 (62.70 to 63.70): VX0  
 Ion 87.90 (87.60 to 88.60): VX0

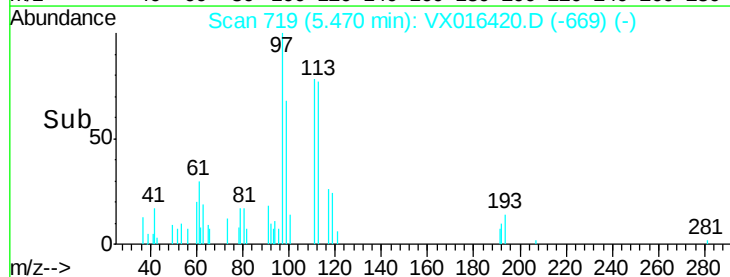
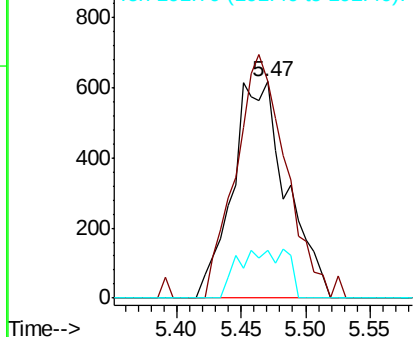


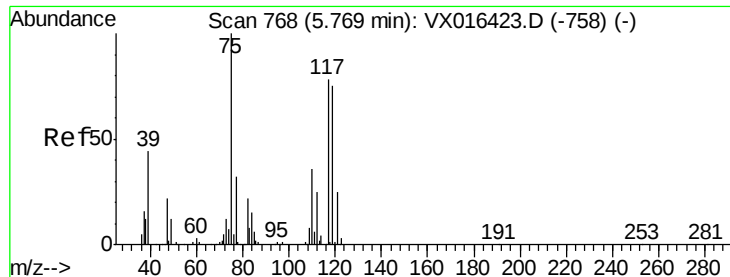
#35  
 Dibromofluoromethane  
 Concen: 1.366 ug/l  
 RT: 5.47 min Scan# 719  
 Delta R.T. 0.01 min  
 Lab File: VX016420.D  
 Acq: 26 May 2020 12:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 1796  |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 105.5 | 82.5  | 123.7 |
| 192      | 20.5  | 16.5  | 24.7  |



Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 1.112 ug/l

RT: 5.78 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

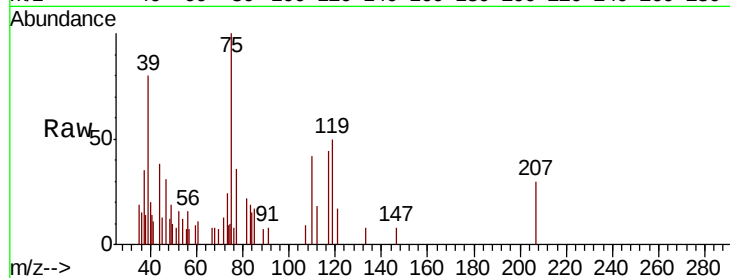
Tot Ion: 75 Resp: 2231

Ion Ratio Lower Upper

75 100

110 0.0 18.7 56.1#

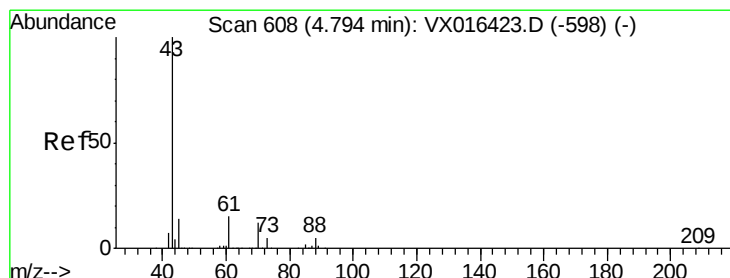
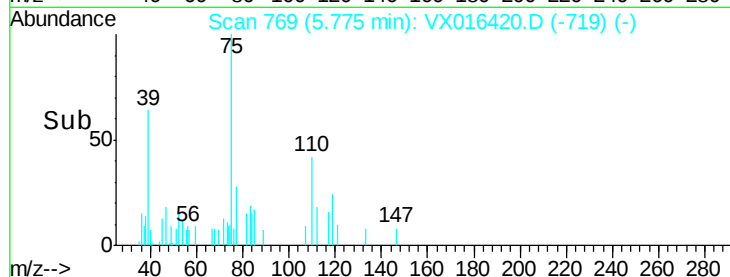
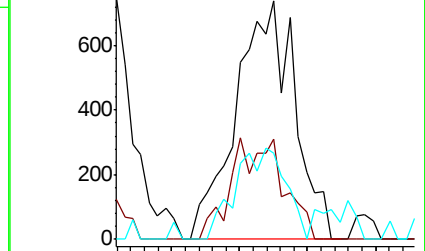
77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#37

Ethyl Acetate

Concen: 1.095 ug/l

RT: 4.79 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

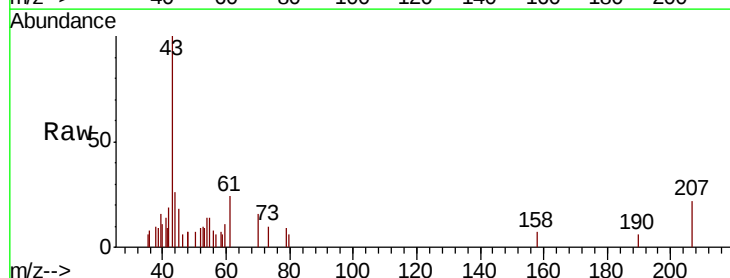
Tgt Ion: 43 Resp: 2507

Ion Ratio Lower Upper

43 100

61 13.0 11.8 17.8

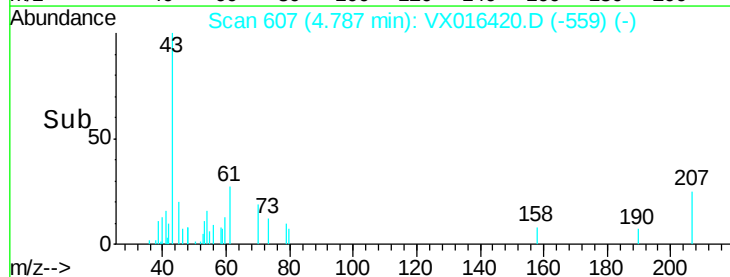
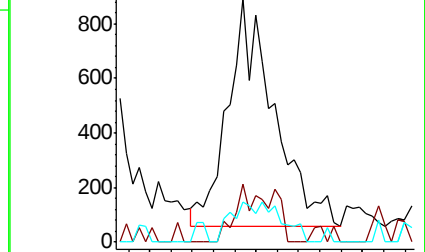
70 9.8 9.6 14.4

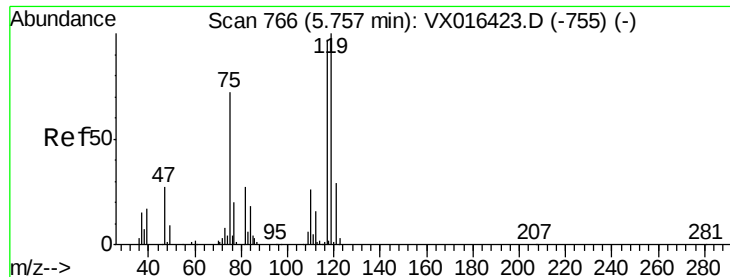


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 1.110 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampled :

VSTDIC001

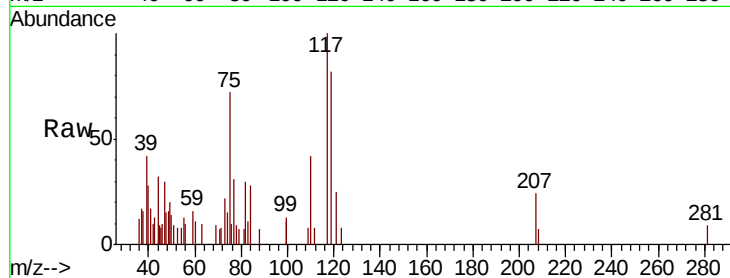
Tot Ion:117 Resp: 2274

Ion Ratio Lower Upper

117 100

119 74.7 82.2 123.4#

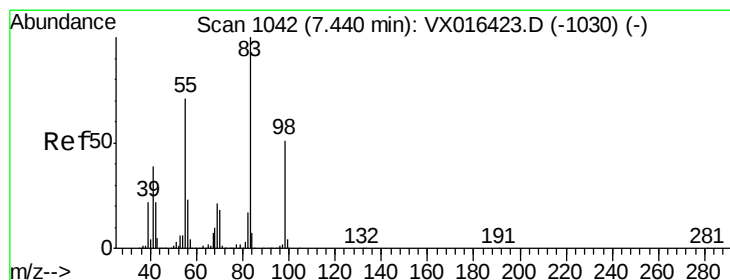
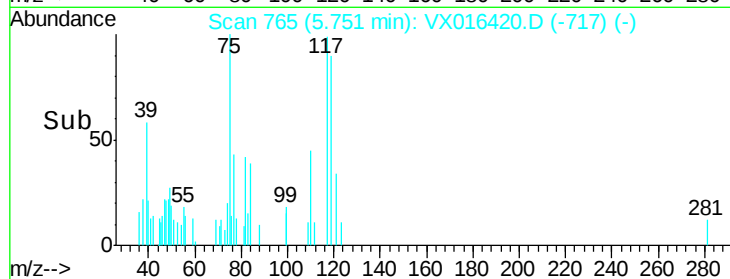
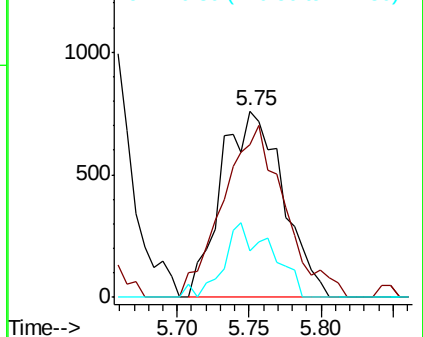
121 24.9 24.1 36.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.018 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

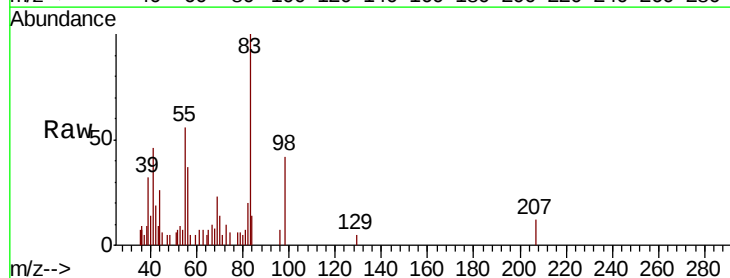
Tgt Ion: 83 Resp: 2417

Ion Ratio Lower Upper

83 100

55 50.0 56.8 85.2#

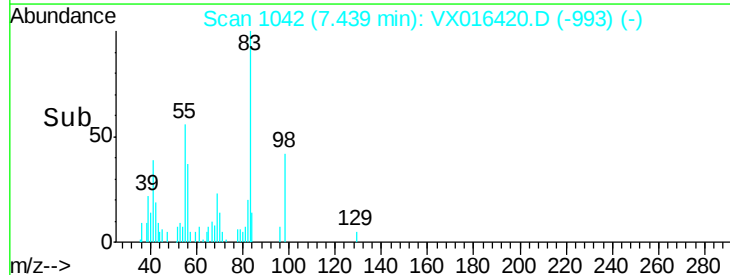
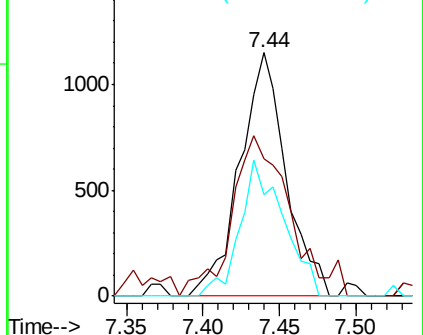
98 41.9 40.6 61.0

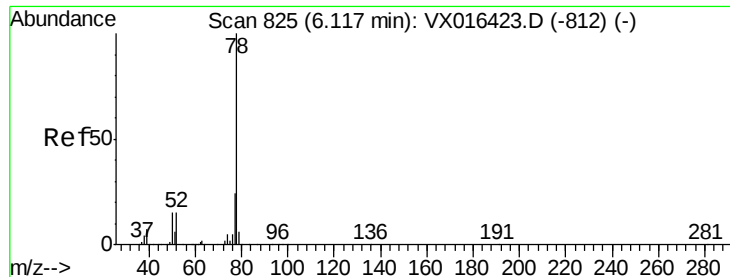


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 1.030 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

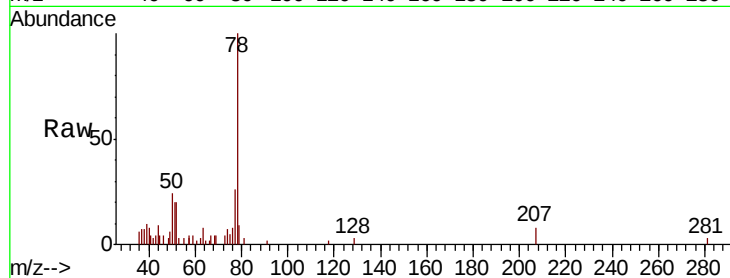
VSTDIC001

Tot Ion: 78 Resp: 6053

Ion Ratio Lower Upper

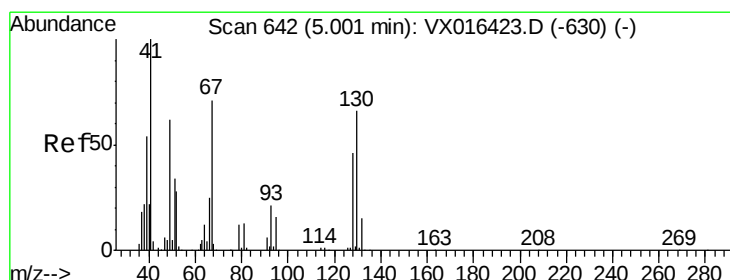
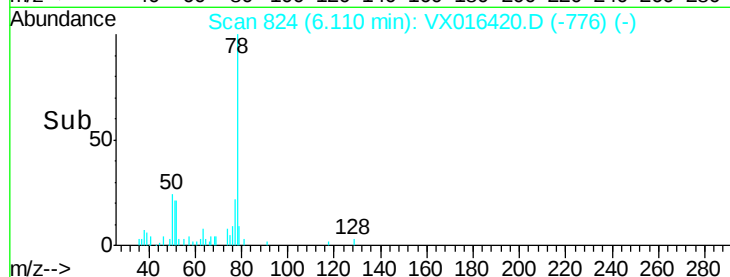
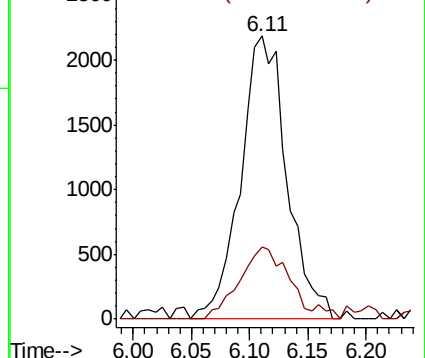
78 100

77 25.6 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 0.367 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Tgt Ion: 41 Resp: 453

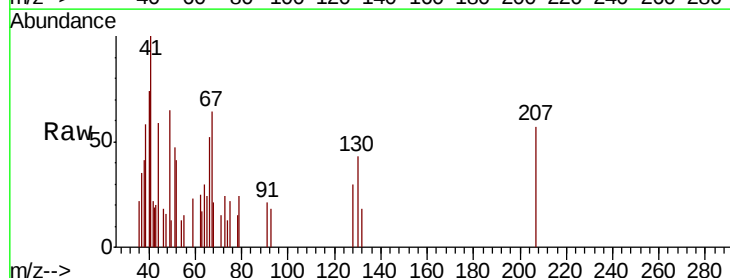
Ion Ratio Lower Upper

41 100

39 217.2 44.4 66.6#

67 258.7 62.2 93.4#

52 133.8 25.2 37.8#

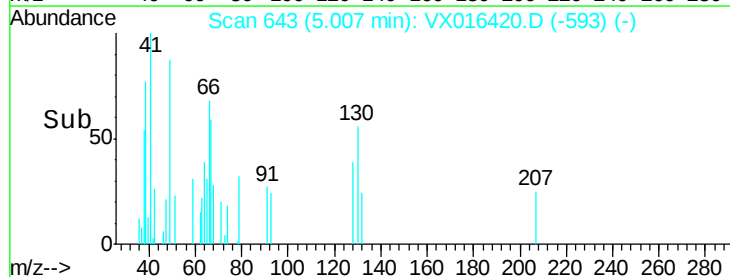
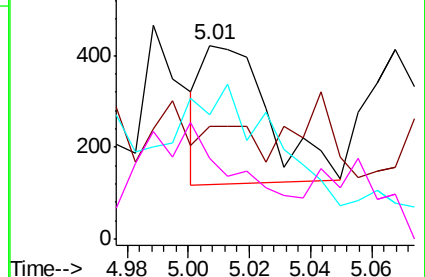


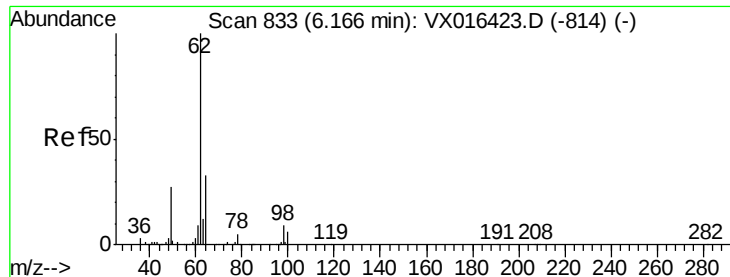
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#42

1,2-Dichloroethane

Concen: 1.313 ug/l

RT: 6.15 min Scan# 831

Delta R.T. -0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

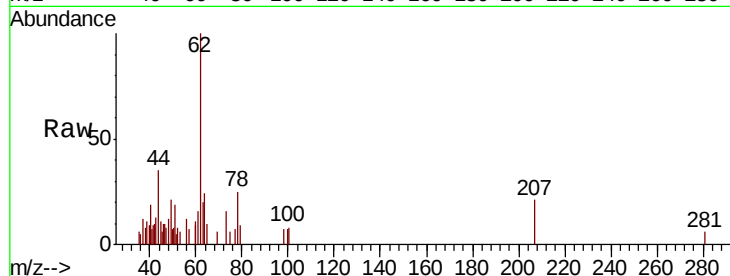
VSTDIC001

Tot Ion: 62 Resp: 2778

Ion Ratio Lower Upper

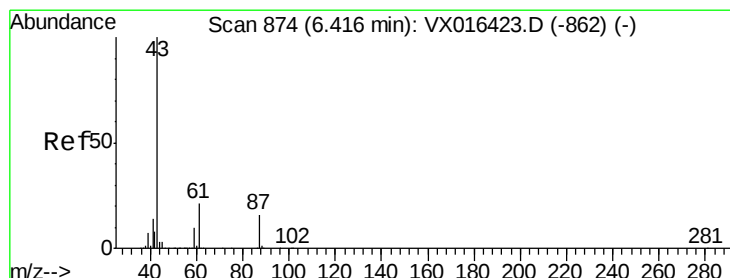
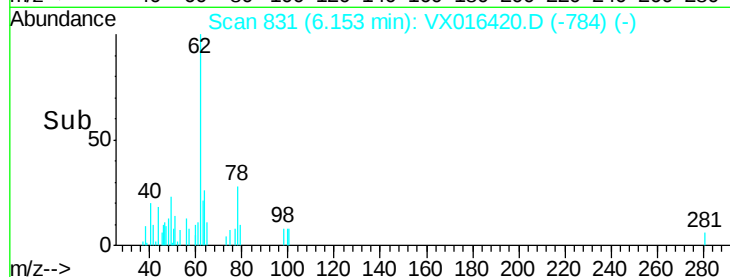
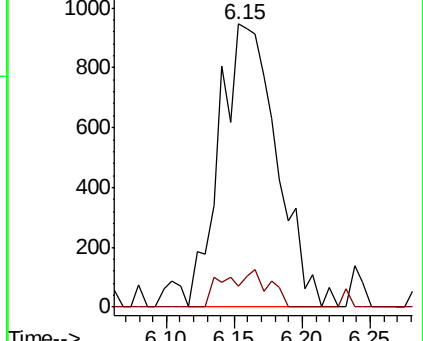
62 100

98 5.8 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#43

Isopropyl Acetate

Concen: 1.065 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

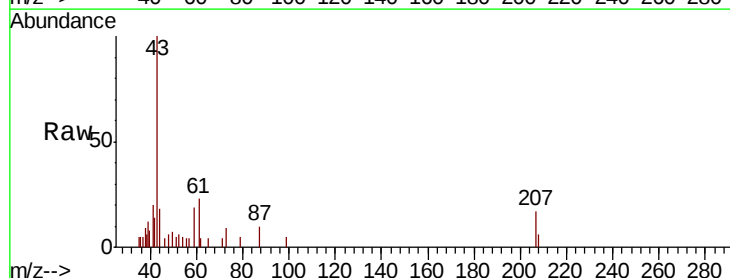
Tgt Ion: 43 Resp: 3899

Ion Ratio Lower Upper

43 100

61 24.3 17.2 25.8

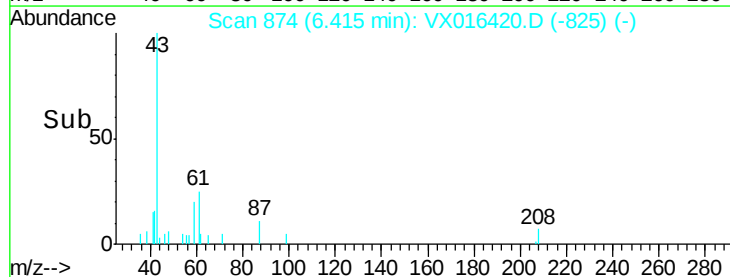
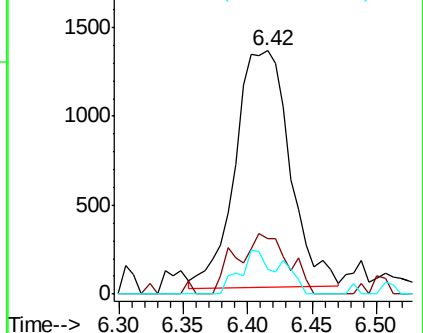
87 10.1 12.3 18.5#

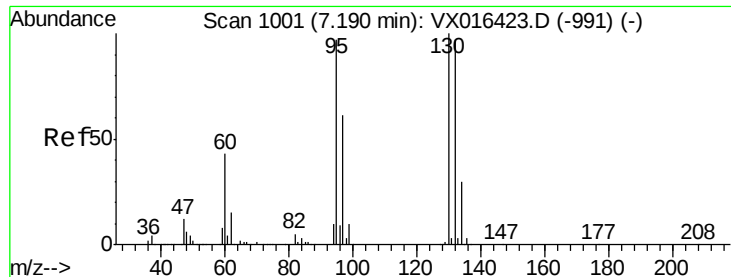


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#44

Trichloroethene

Concen: 1.129 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

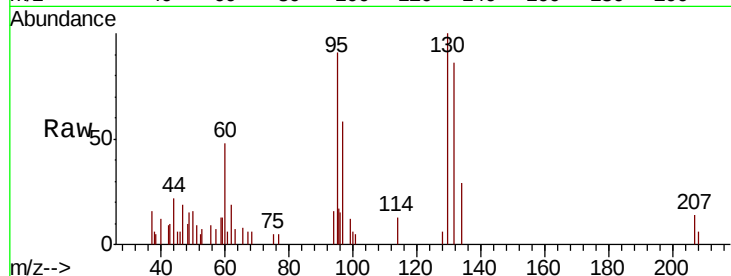
VSTDIC001

Tot Ion:130 Resp: 2346

Ion Ratio Lower Upper

130 100

95 91.4 0.0 194.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

1200

1000

800

600

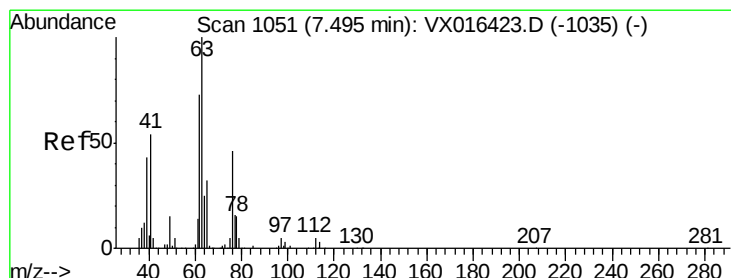
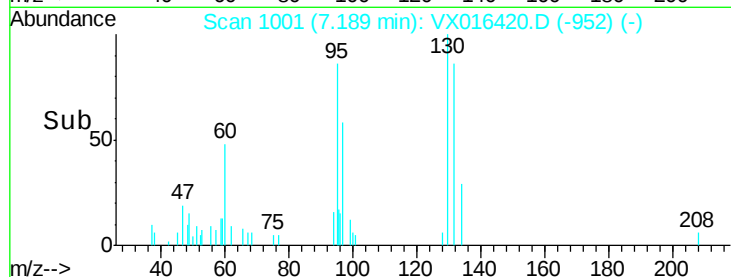
400

200

0

Time-->

7.10 7.15 7.20 7.25



#45

1,2-Dichloropropane

Concen: 1.154 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX016420.D

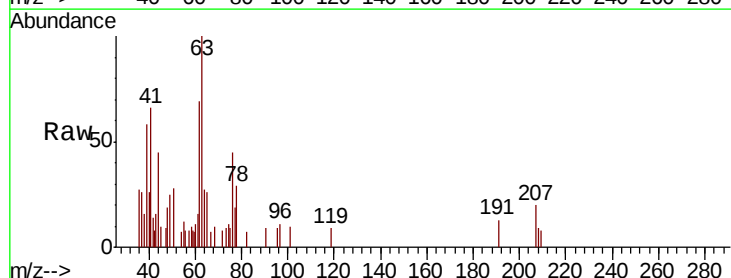
Acq: 26 May 2020 12:20

Tgt Ion: 63 Resp: 1705

Ion Ratio Lower Upper

63 100

65 25.9 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.48

800

600

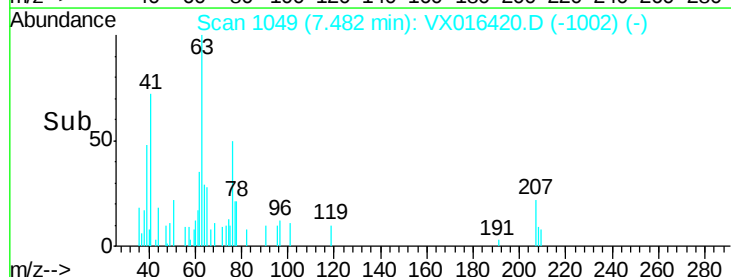
400

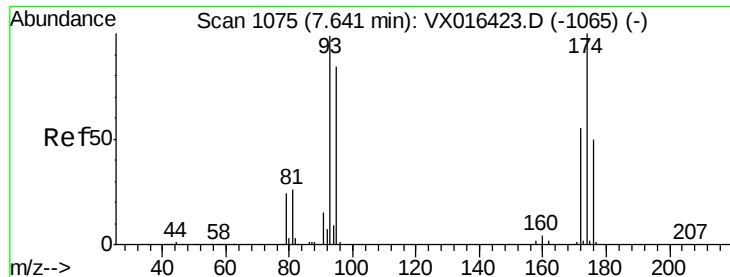
200

0

Time-->

7.40 7.45 7.50 7.55





#46

Dibromomethane

Concen: 1.122 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

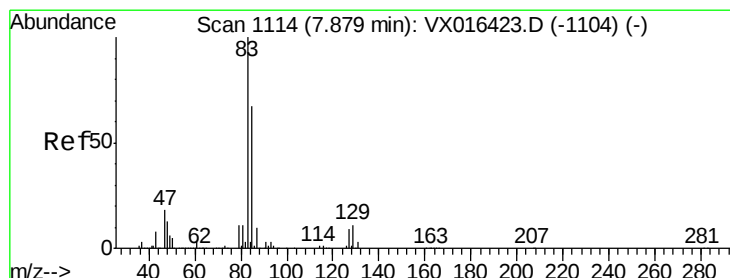
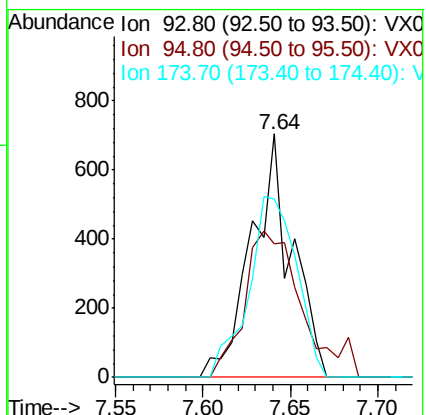
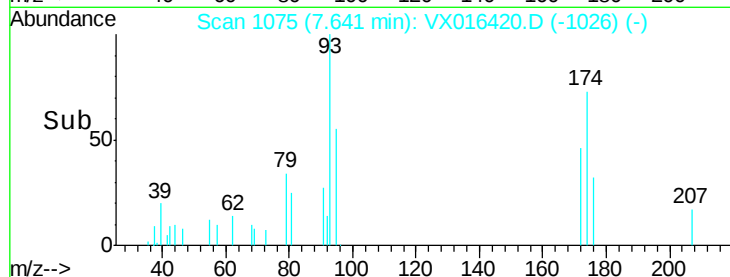
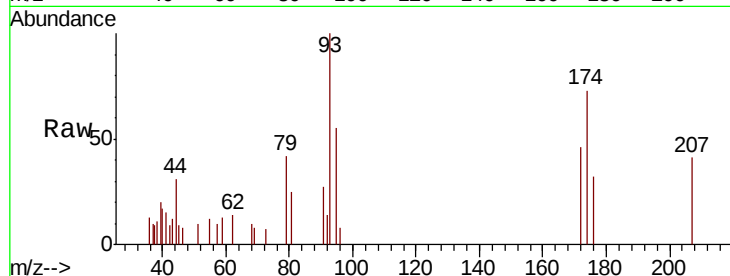
Tot Ion: 93 Resp: 1146

Ion Ratio Lower Upper

93 100

95 84.7 65.0 97.4

174 87.7 81.4 122.0



#47

Bromodichloromethane

Concen: 1.153 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

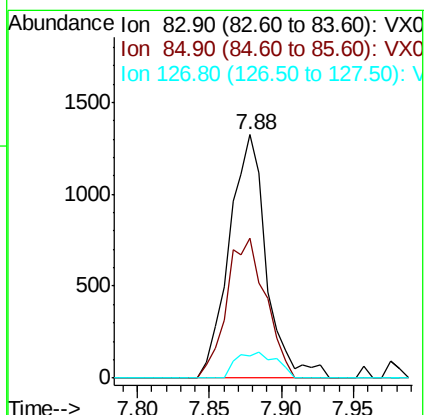
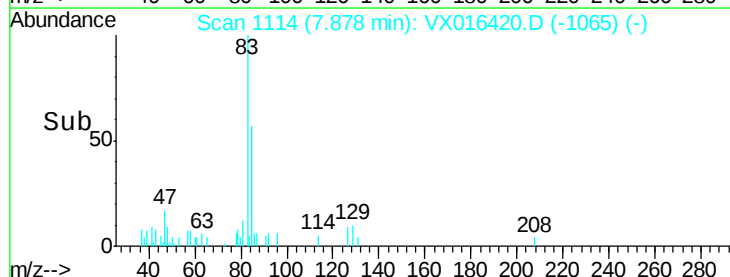
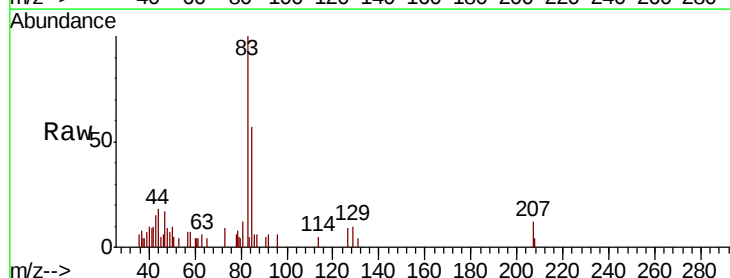
Tgt Ion: 83 Resp: 2378

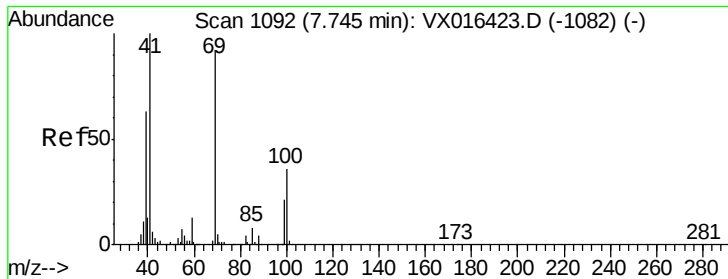
Ion Ratio Lower Upper

83 100

85 57.5 53.8 80.8

127 8.9 7.4 11.2





#48

Methvl methacrylate

Concen: 1.241 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

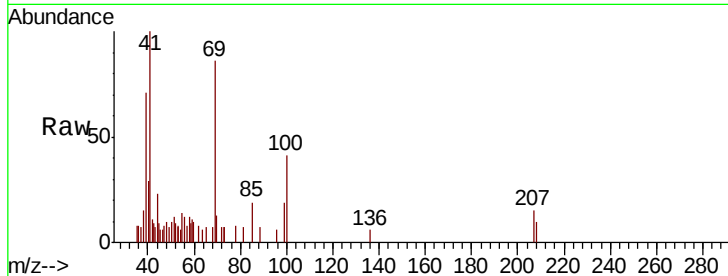
Tot Ion: 41 Resp: 2142

Ion Ratio Lower Upper

41 100

69 68.3 71.8 107.8#

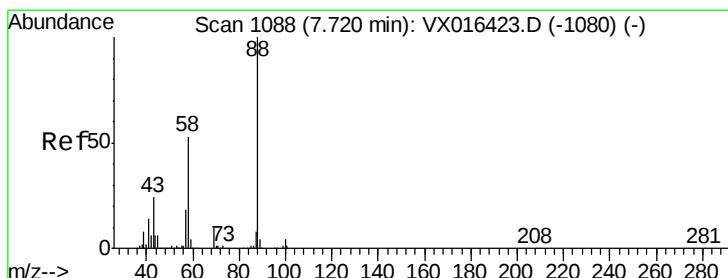
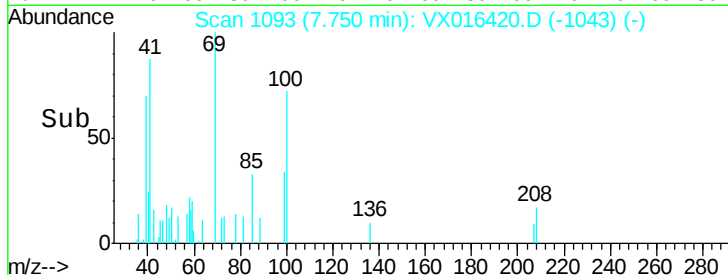
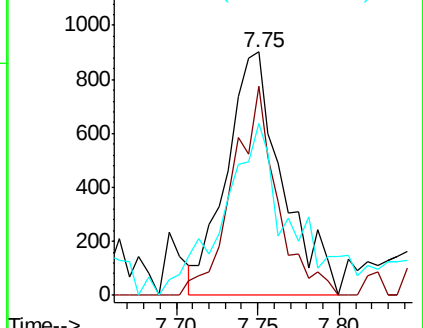
39 78.9 48.6 73.0#



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: 22.233 ug/l

RT: 7.73 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

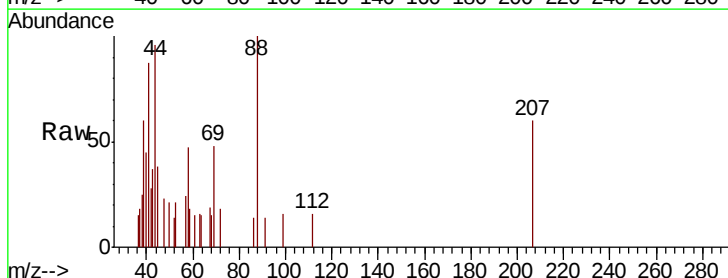
Tgt Ion: 88 Resp: 934

Ion Ratio Lower Upper

88 100

43 0.0 23.0 34.6#

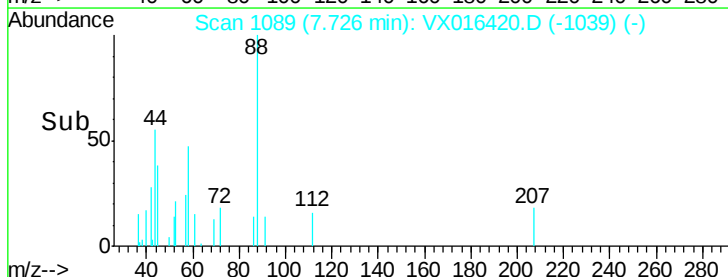
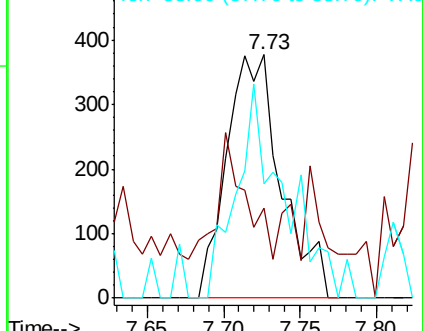
58 79.2 51.7 77.5#

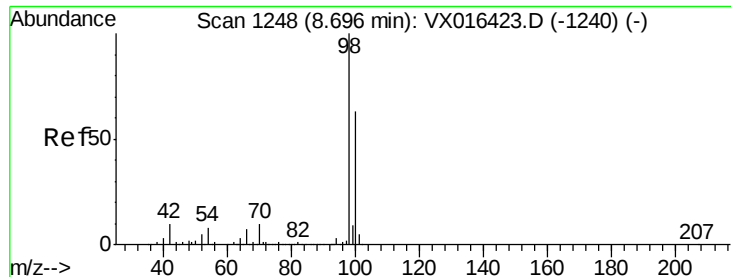


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 1.191 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

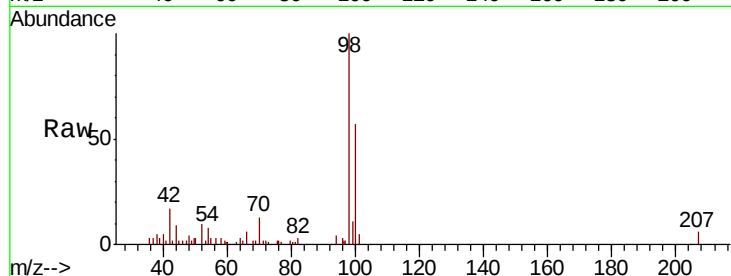
VSTDIC001

Tot Ion: 98 Resp: 6022

Ion Ratio Lower Upper

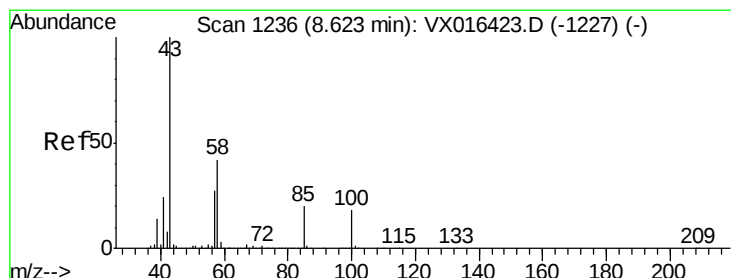
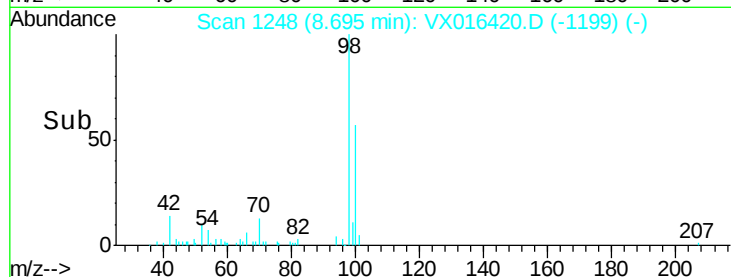
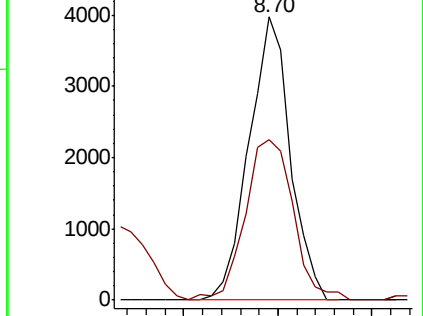
98 100

100 66.1 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 4.581 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016420.D

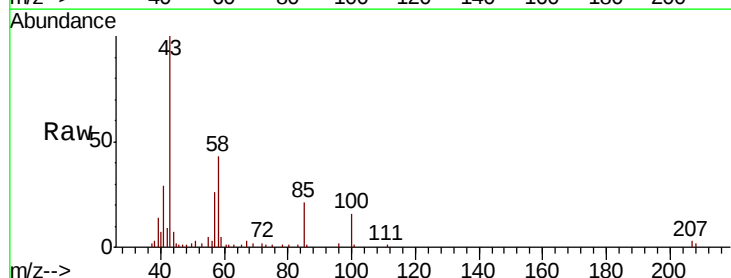
Acq: 26 May 2020 12:20

Tgt Ion: 43 Resp: 10279

Ion Ratio Lower Upper

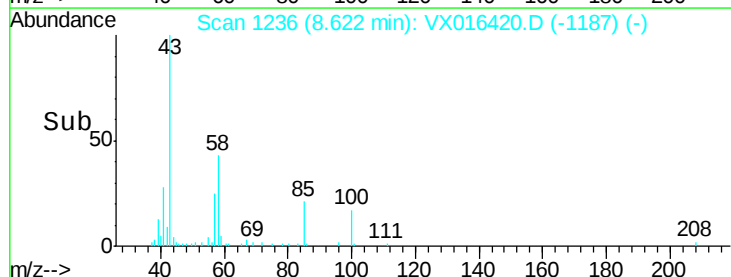
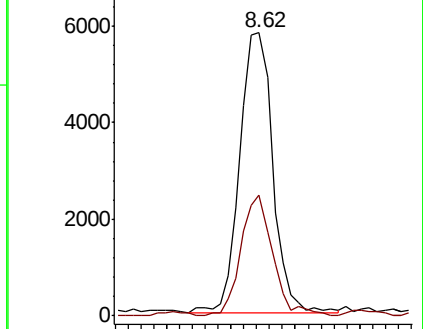
43 100

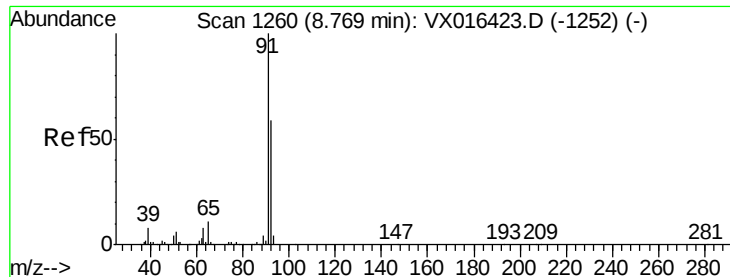
58 41.6 33.8 50.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 0.942 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

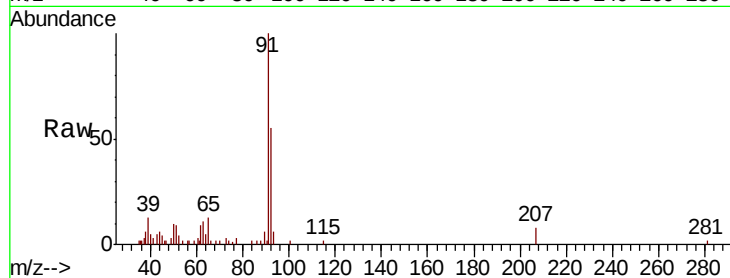
VSTDIC001

Tot Ion: 92 Resp: 3469

Ion Ratio Lower Upper

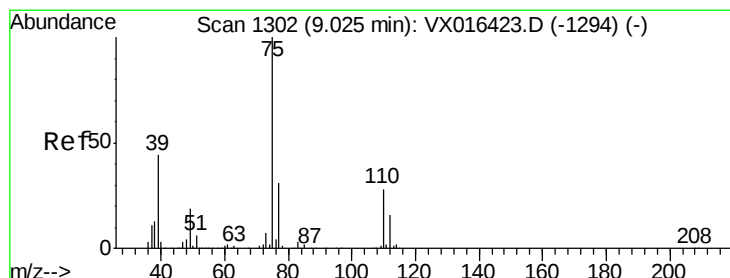
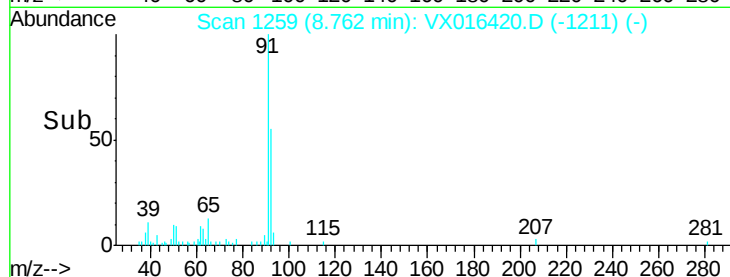
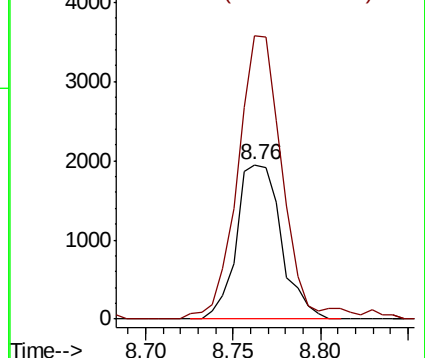
92 100

91 183.0 135.7 203.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 1.026 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016420.D

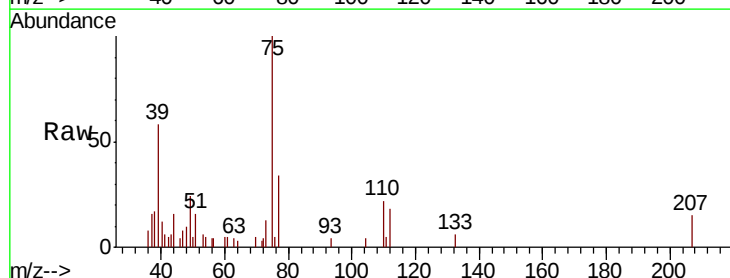
Acq: 26 May 2020 12:20

Tgt Ion: 75 Resp: 2515

Ion Ratio Lower Upper

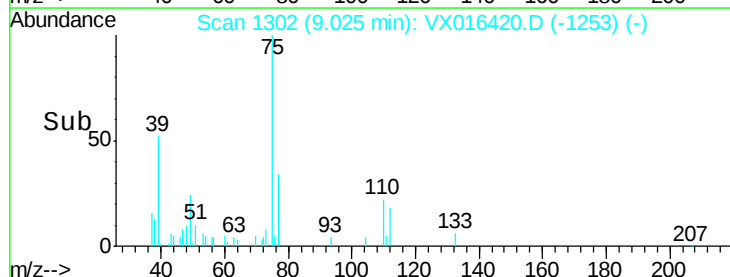
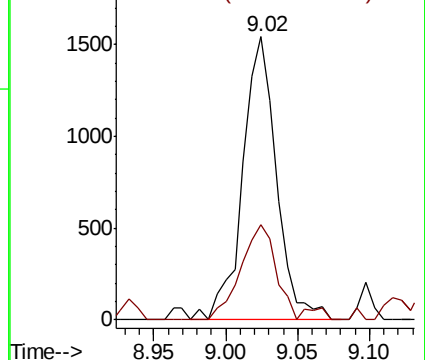
75 100

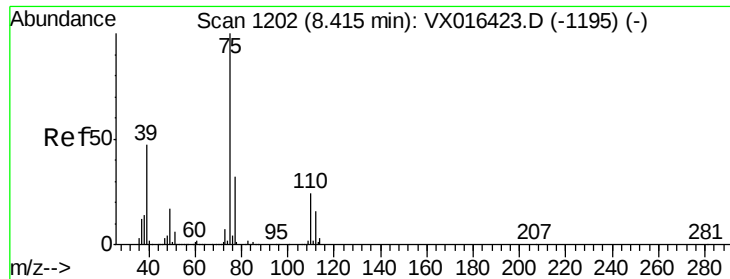
77 33.7 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





#54

cis-1,3-Dichloropropene

Concen: 0.961 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

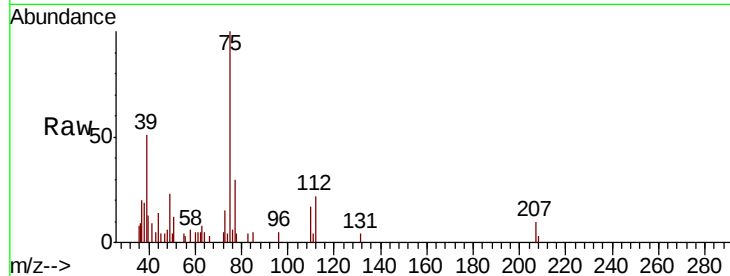
Tot Ion: 75 Resp: 2450

Ion Ratio Lower Upper

75 100

77 29.7 25.4 38.0

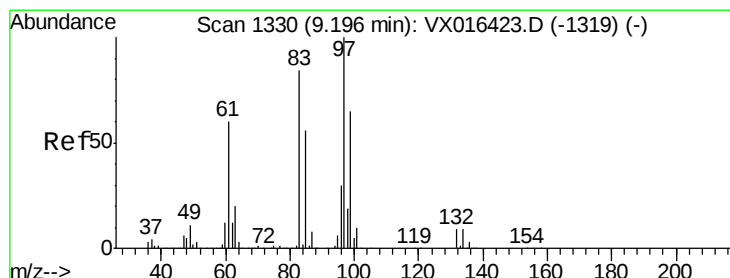
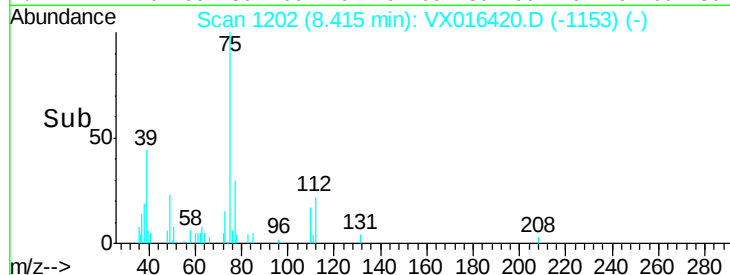
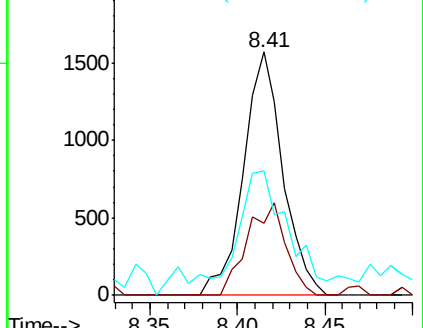
39 46.3 37.7 56.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



#55

1,1,2-Trichloroethane

Concen: 1.119 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Tgt Ion: 97 Resp: 1628

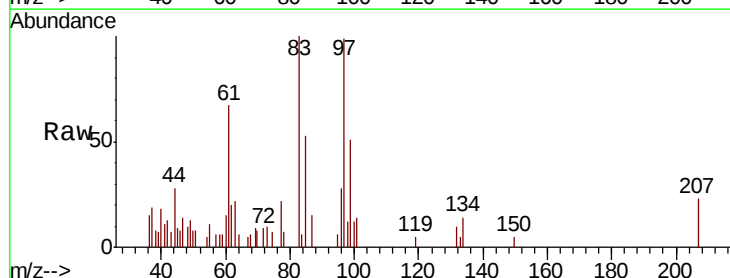
Ion Ratio Lower Upper

97 100

83 101.0 66.9 100.3#

85 53.9 45.2 67.8

99 51.5 51.9 77.9#

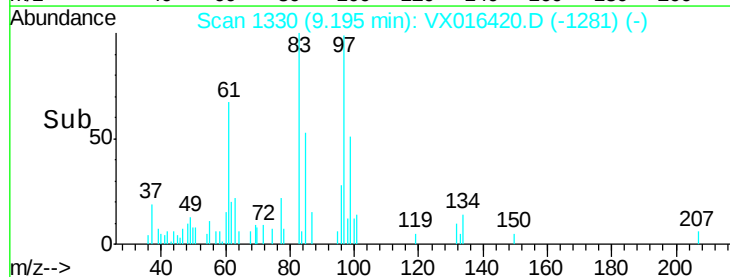
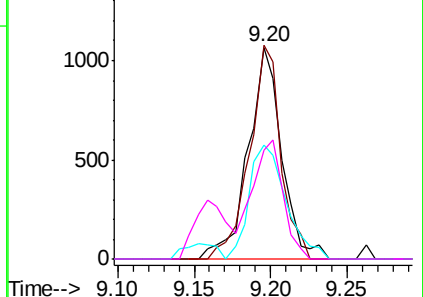


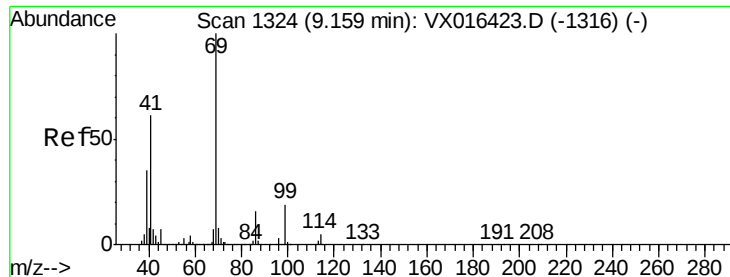
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 0.931 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

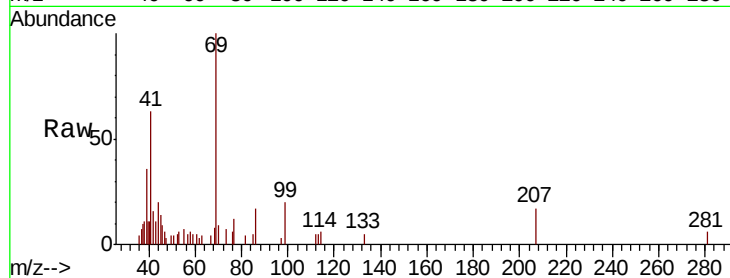
Tot Ion: 69 Resp: 2176

Ion Ratio Lower Upper

69 100

41 72.7 47.9 71.9#

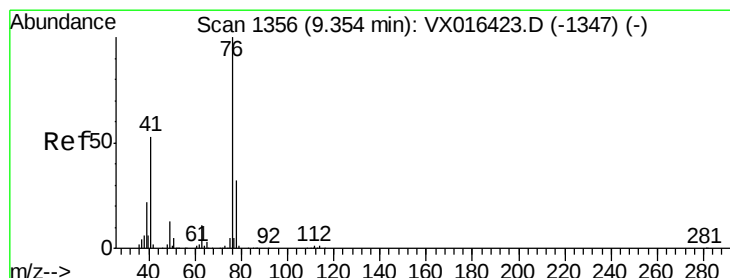
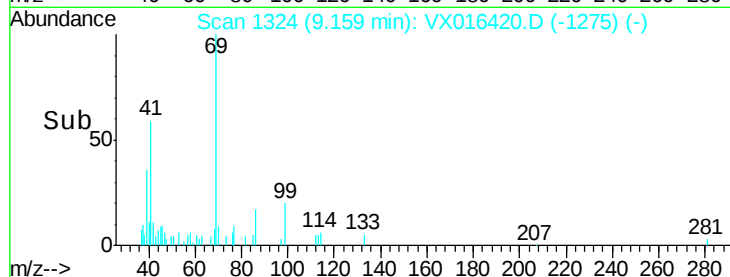
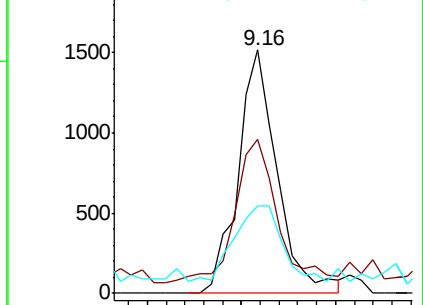
39 43.5 28.7 43.1#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#57

1,3-Dichloropropane

Concen: 1.069 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX016420.D

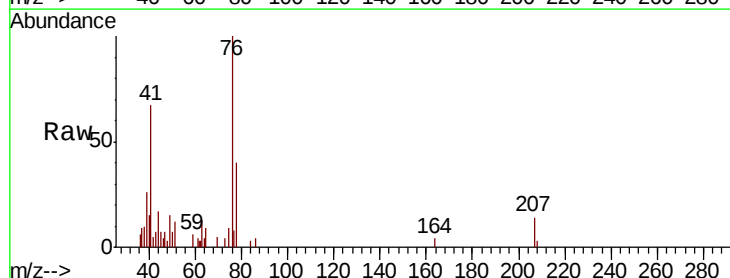
Acq: 26 May 2020 12:20

Tgt Ion: 76 Resp: 2693

Ion Ratio Lower Upper

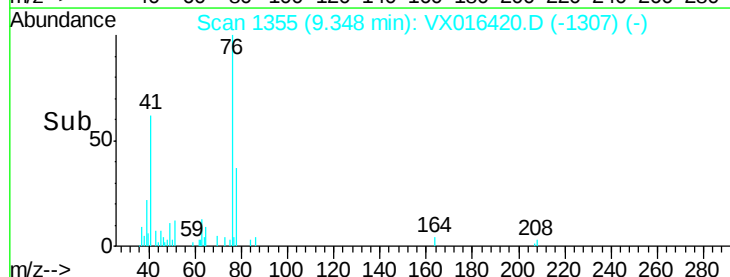
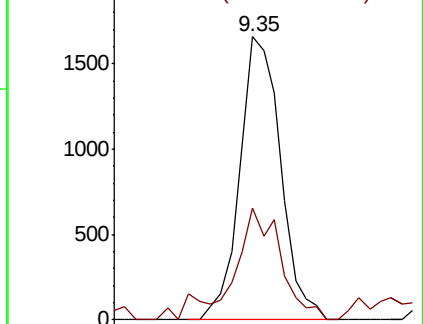
76 100

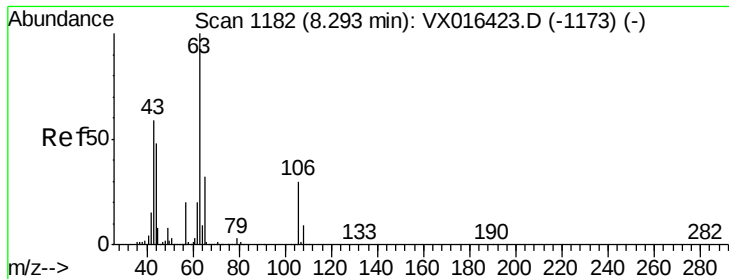
78 46.8 26.1 39.1#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

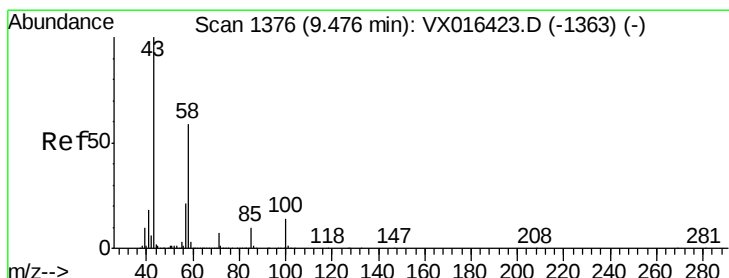
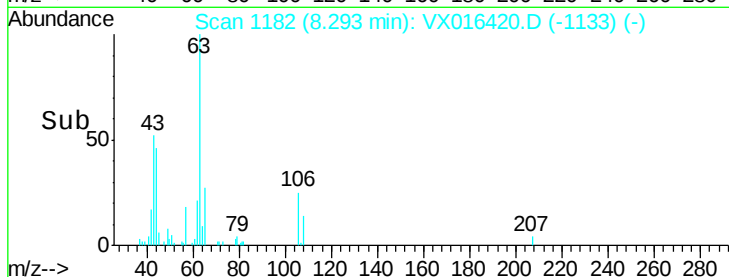
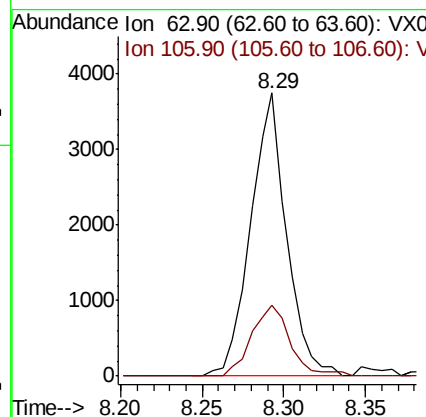
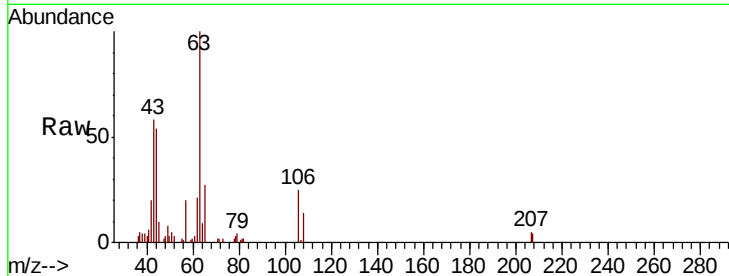




#58  
 2-Chloroethyl Vinyl ether  
 Concen: 4.619 ug/l  
 RT: 8.29 min Scan# 1182  
 Delta R.T. -0.00 min  
 Lab File: VX016420.D  
 Acq: 26 May 2020 12:20

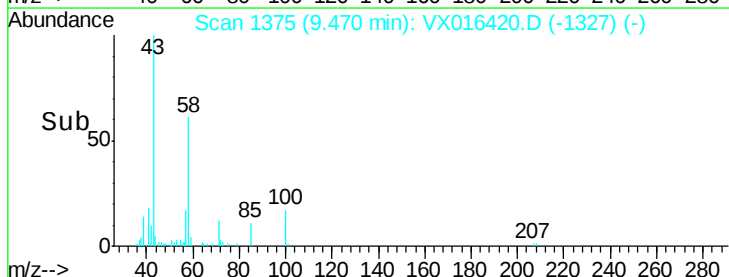
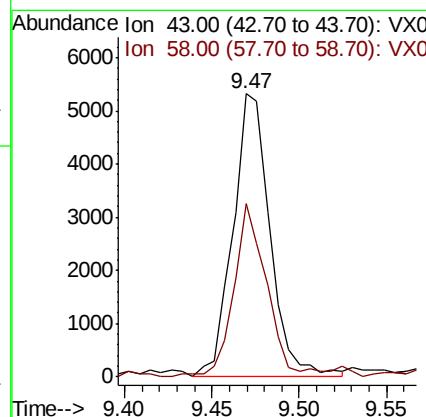
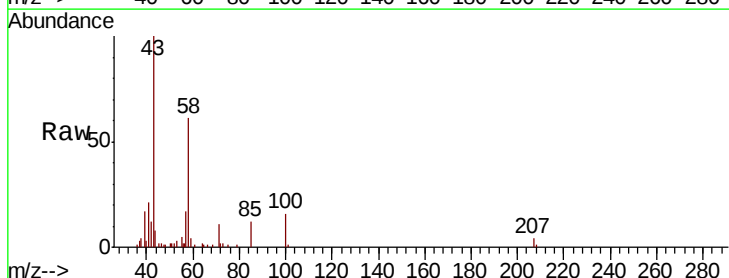
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

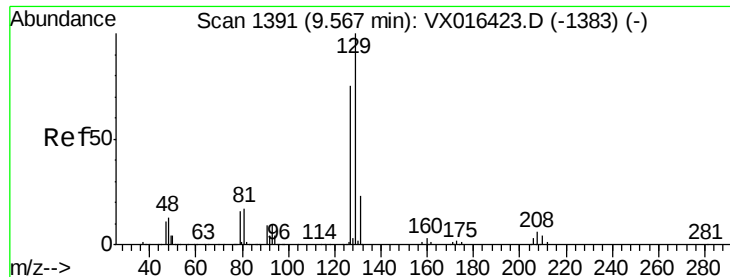
Tot Ion: 63 Resp: 5736  
 Ion Ratio Lower Upper  
 63 100  
 106 27.1 24.6 36.8



#59  
 2-Hexanone  
 Concen: 4.451 ug/l  
 RT: 9.47 min Scan# 1375  
 Delta R.T. -0.01 min  
 Lab File: VX016420.D  
 Acq: 26 May 2020 12:20

Tgt Ion: 43 Resp: 7850  
 Ion Ratio Lower Upper  
 43 100  
 58 54.9 29.1 87.3





#60

Dibromochloromethane

Concen: 1.032 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

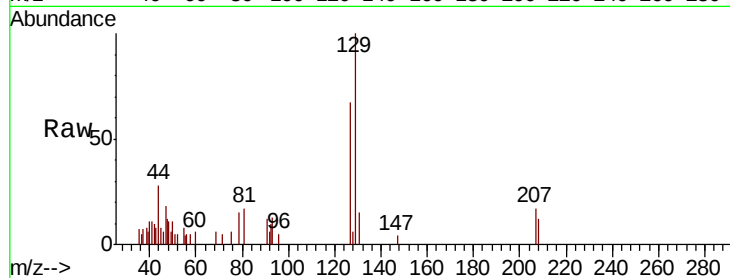
VSTDIC001

Tot Ion:129 Resp: 1663

Ion Ratio Lower Upper

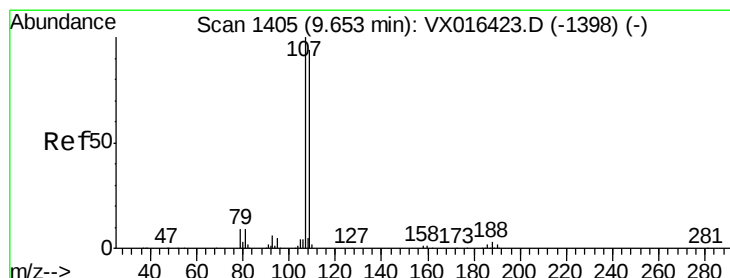
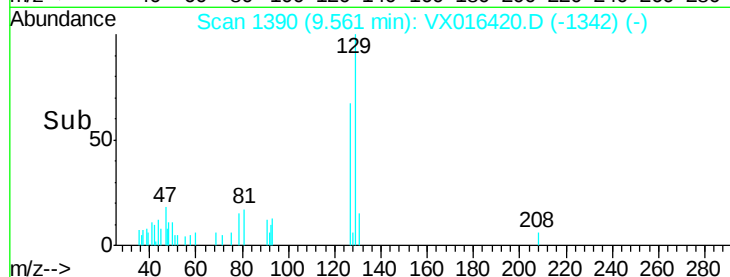
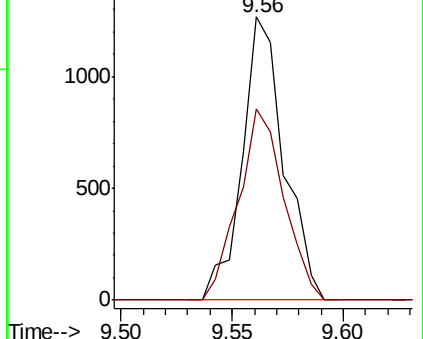
129 100

127 73.0 38.6 115.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 0.943 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016420.D

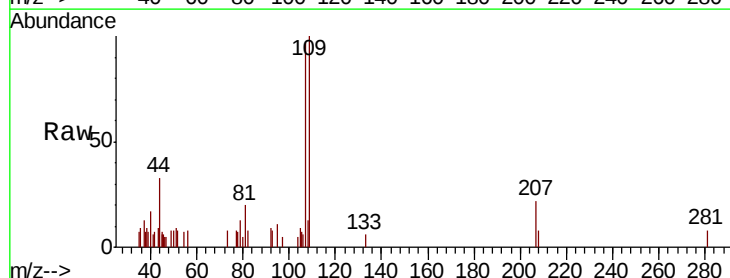
Acq: 26 May 2020 12:20

Tgt Ion:107 Resp: 1489

Ion Ratio Lower Upper

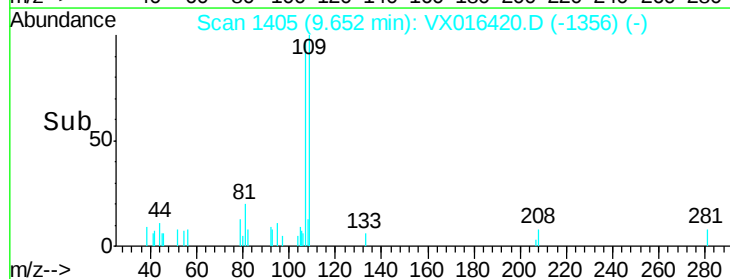
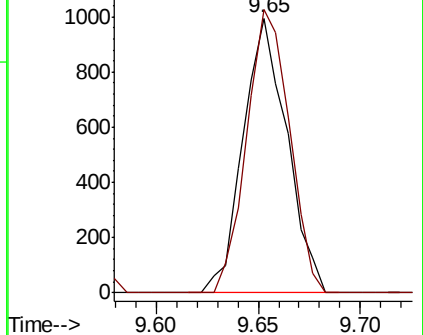
107 100

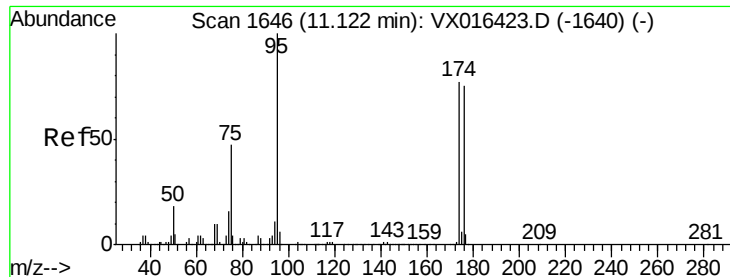
109 100.5 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 1.348 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

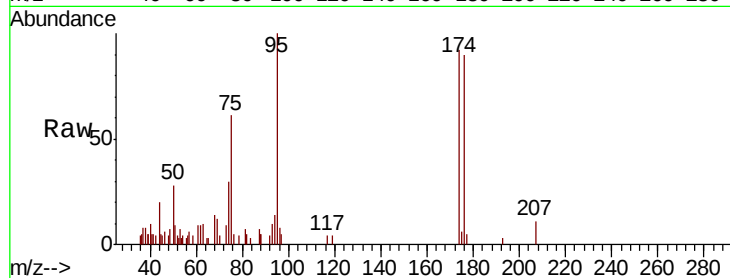
Tot Ion: 95 Resp: 2578

Ion Ratio Lower Upper

95 100

174 76.8 0.0 162.6

176 77.9 0.0 158.2

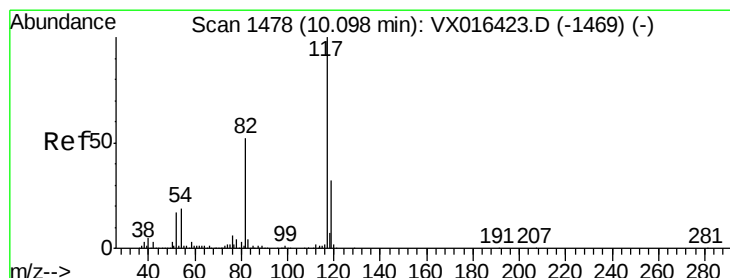
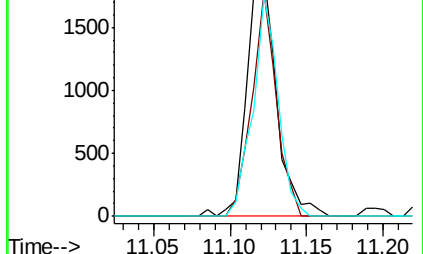
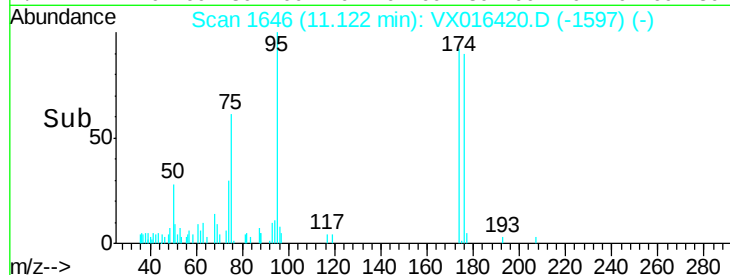


Abundance Ion 94.90 (94.60 to 95.60): VX016420.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016420.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016420.D (-1597) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

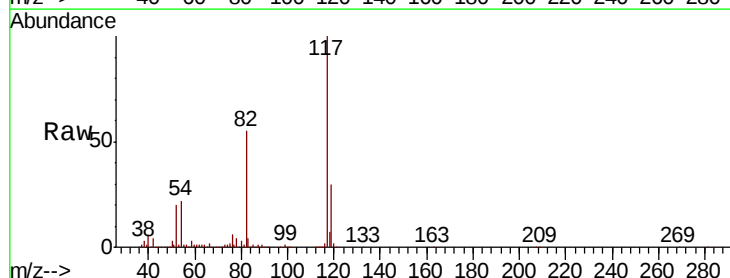
Tgt Ion: 117 Resp: 192341

Ion Ratio Lower Upper

117 100

82 55.1 41.8 62.6

119 30.2 25.7 38.5

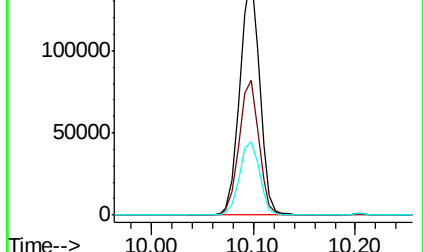
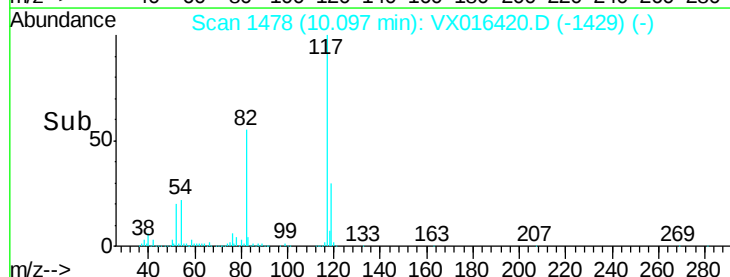


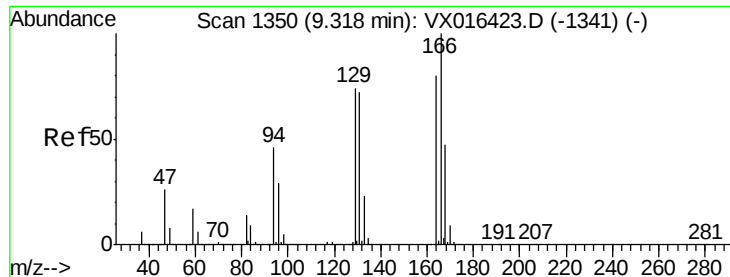
Abundance Ion 116.90 (116.60 to 117.60): VX016420.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016420.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016420.D (-1429) (-)

Time-->





#64

Tetrachloroethene

Concen: 0.964 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

Tot Ion:164 Resp: 2248

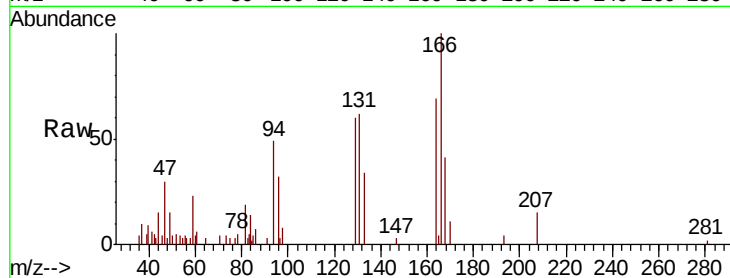
Ion Ratio Lower Upper

164 100

166 144.2 99.5 149.3

129 87.1 73.4 110.0

131 88.8 71.5 107.3

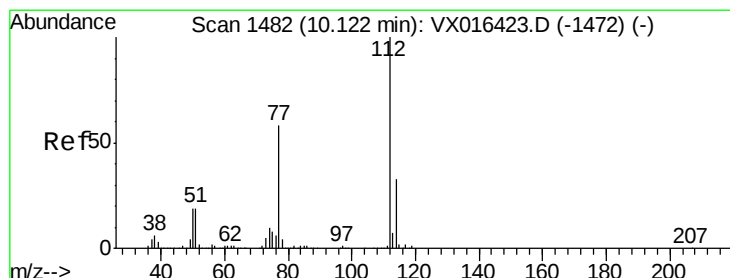
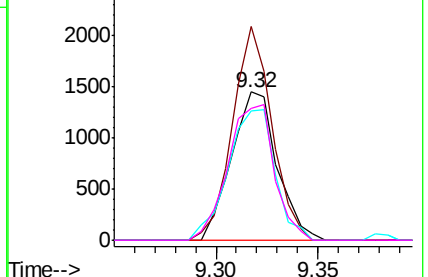
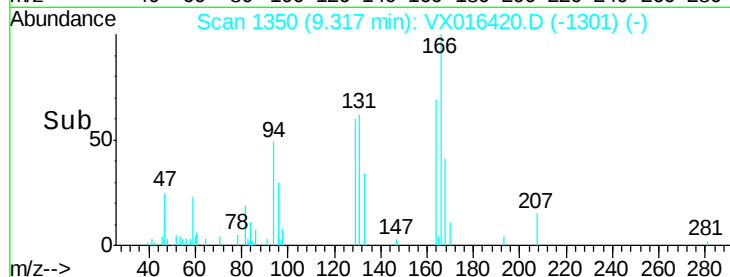


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 1.026 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016420.D

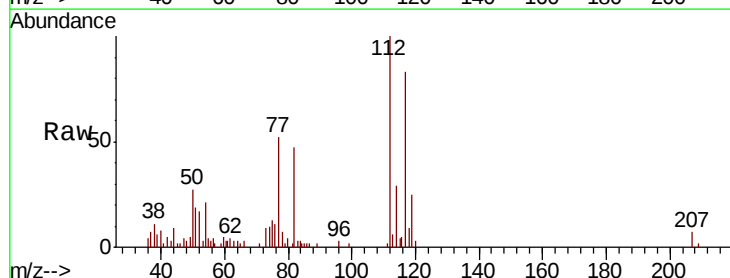
Acq: 26 May 2020 12:20

Tgt Ion:112 Resp: 4123

Ion Ratio Lower Upper

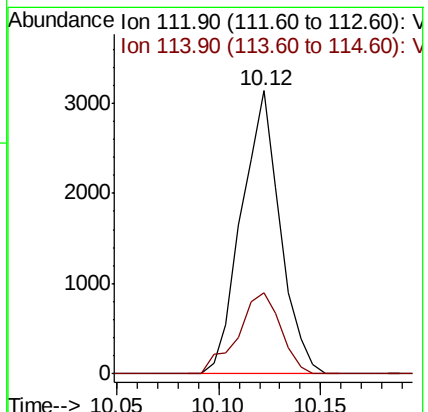
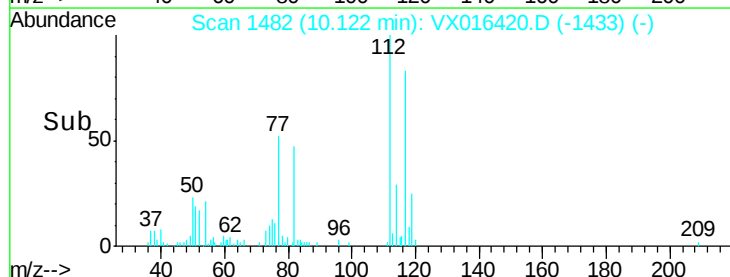
112 100

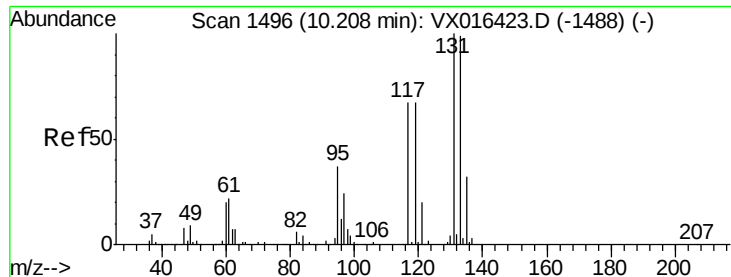
114 28.7 26.6 40.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

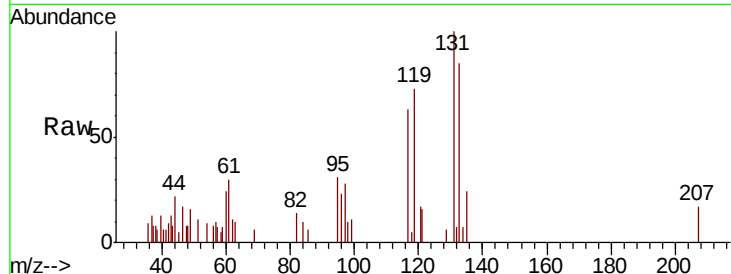




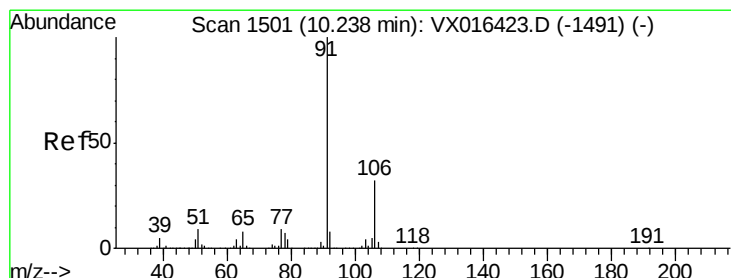
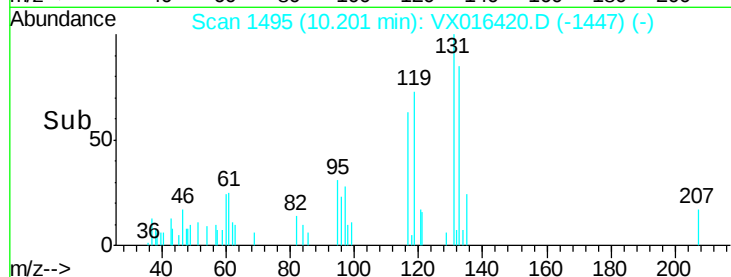
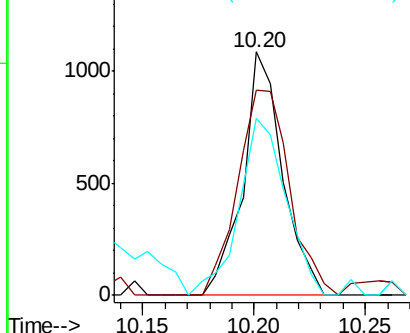
#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 0.906 ug/l  
 RT: 10.20 min Scan# 1495  
 Delta R.T. -0.01 min  
 Lab File: VX016420.D  
 Acq: 26 May 2020 12:20

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

Tot Ion:131 Resp: 1349  
 Ion Ratio Lower Upper  
 131 100  
 133 110.0 48.0 144.2  
 119 0.0 33.0 98.9#

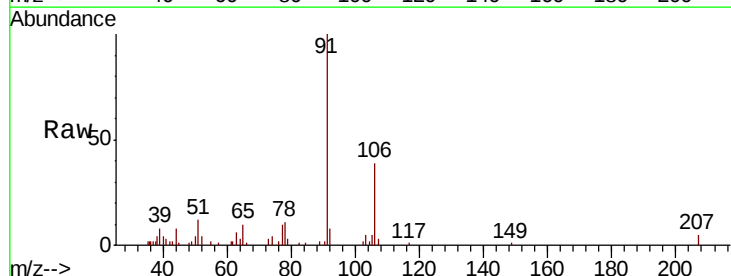


Abundance Ion 130.80 (130.50 to 131.50): V  
 Ion 132.80 (132.50 to 133.50): V  
 Ion 118.80 (118.50 to 119.50): V

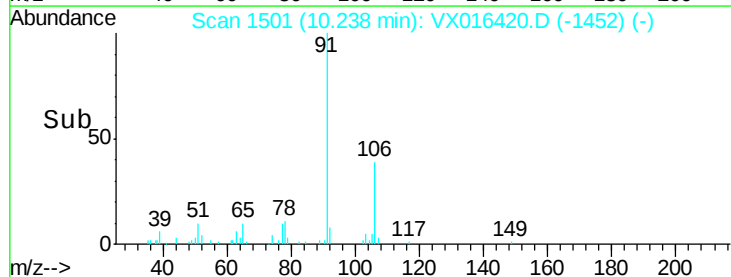
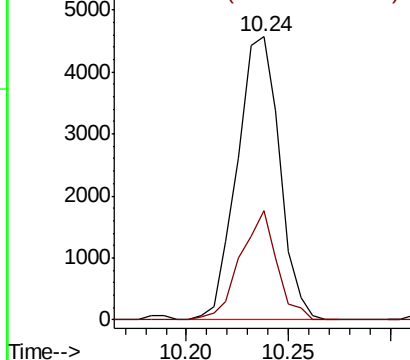


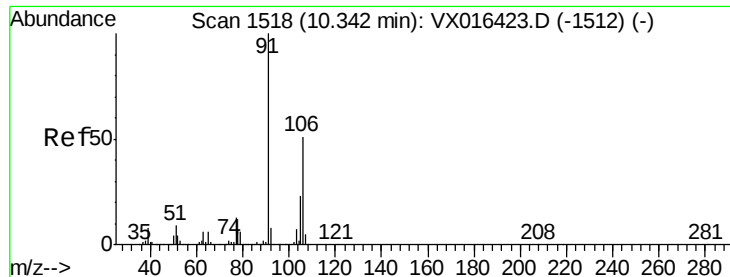
#67  
 Ethyl Benzene  
 Concen: 0.929 ug/l  
 RT: 10.24 min Scan# 1501  
 Delta R.T. -0.00 min  
 Lab File: VX016420.D  
 Acq: 26 May 2020 12:20

Tgt Ion: 91 Resp: 6620  
 Ion Ratio Lower Upper  
 91 100  
 106 38.6 25.8 38.8



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





#68

m/p-Xylenes

Concen: 1.784 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

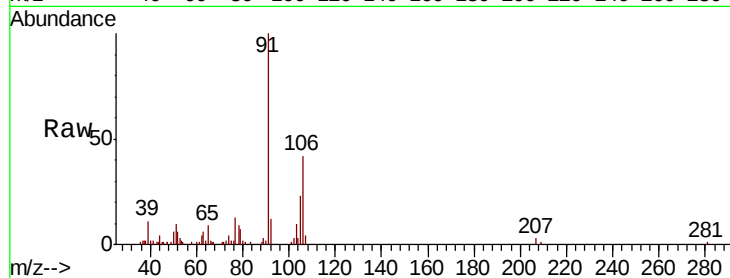
VSTDIC001

Tot Ion:106 Resp: 4775

Ion Ratio Lower Upper

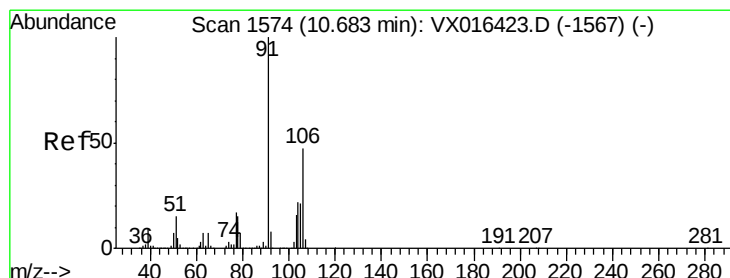
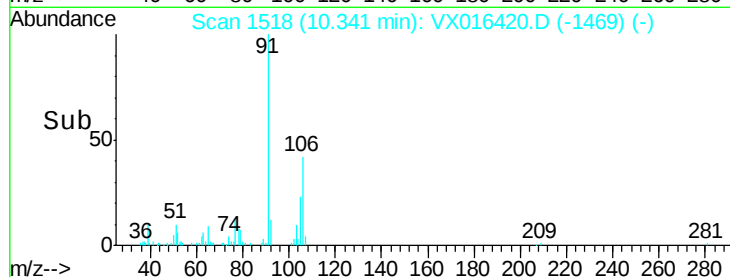
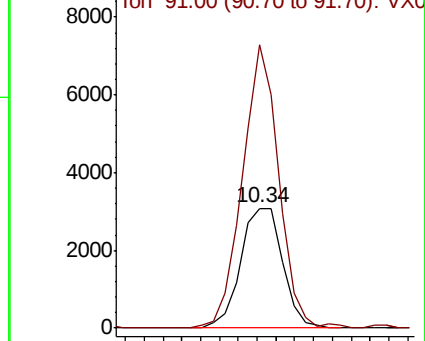
106 100

91 203.9 158.2 237.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.974 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX016420.D

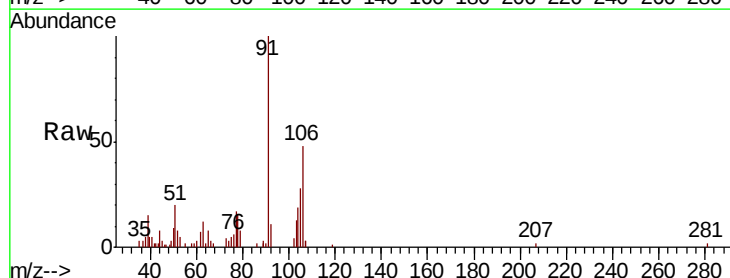
Acq: 26 May 2020 12:20

Tgt Ion:106 Resp: 2510

Ion Ratio Lower Upper

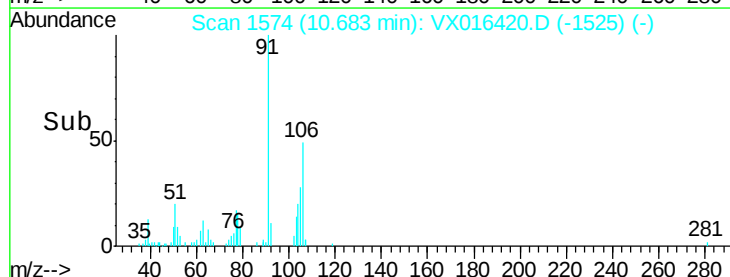
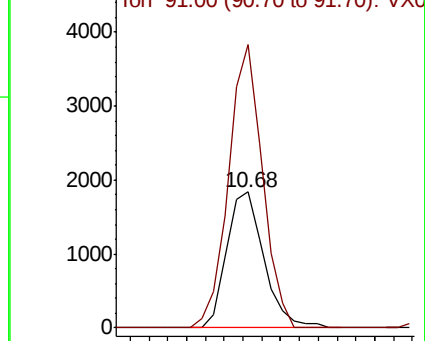
106 100

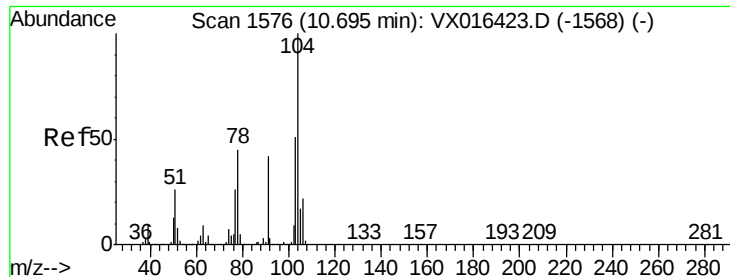
91 190.6 104.0 312.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

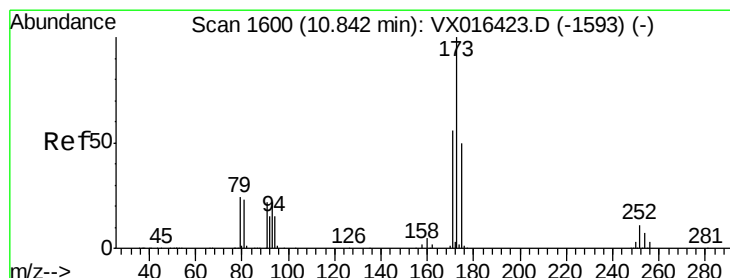
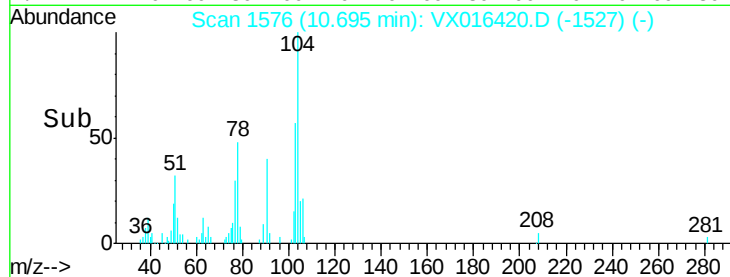
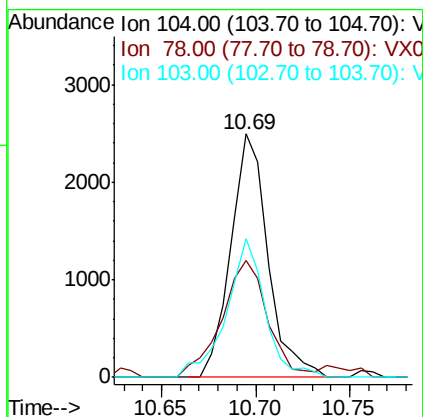
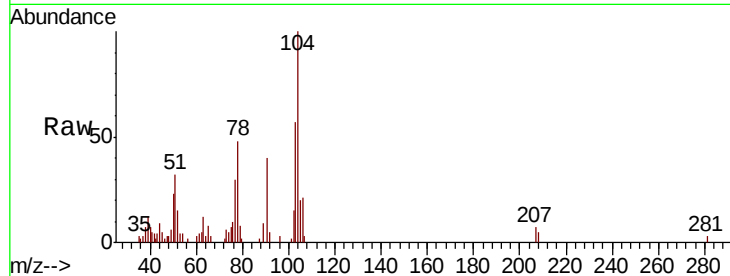




#70  
Stvrene  
Concen: 0.783 ug/l  
RT: 10.69 min Scan# 1576  
Delta R.T. -0.00 min  
Lab File: VX016420.D  
Acq: 26 May 2020 12:20

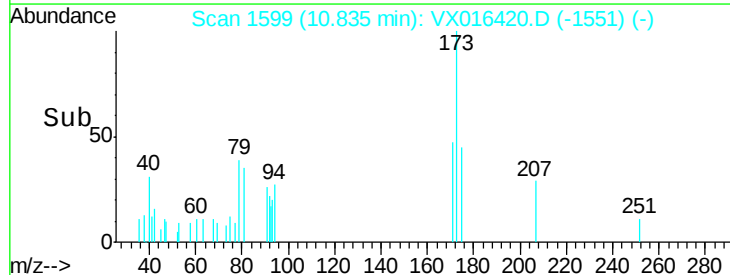
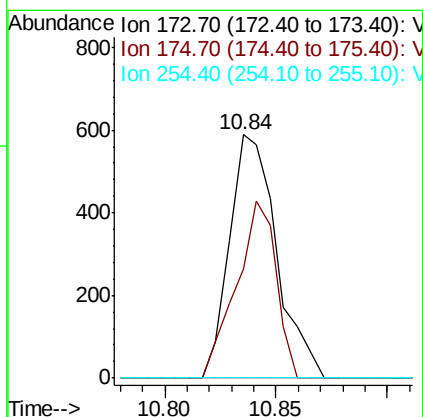
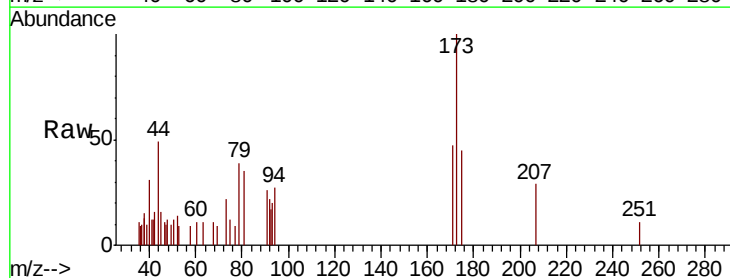
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

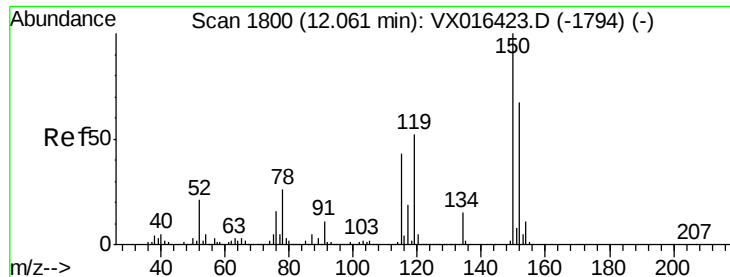
Tot Ion:104 Resp: 3412  
Ion Ratio Lower Upper  
104 100  
78 59.4 39.2 58.8#  
103 59.0 43.8 65.6



#71  
Bromoform  
Concen: 0.712 ug/l  
RT: 10.84 min Scan# 1599  
Delta R.T. -0.01 min  
Lab File: VX016420.D  
Acq: 26 May 2020 12:20

Tgt Ion:173 Resp: 865  
Ion Ratio Lower Upper  
173 100  
175 61.5 24.5 73.5  
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

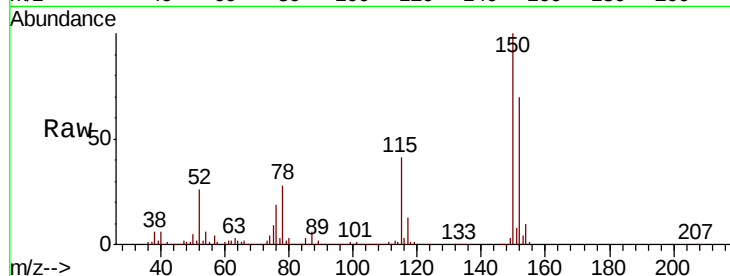
Tot Ion:152 Resp: 86206

Ion Ratio Lower Upper

152 100

115 60.1 40.4 121.2

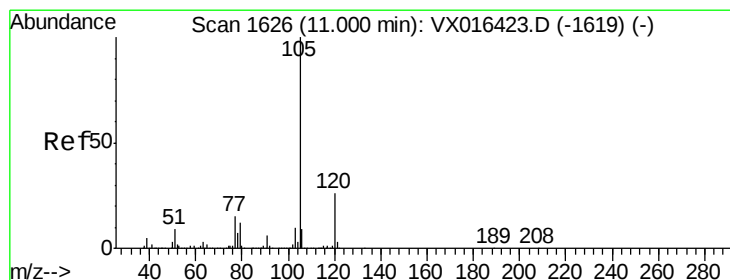
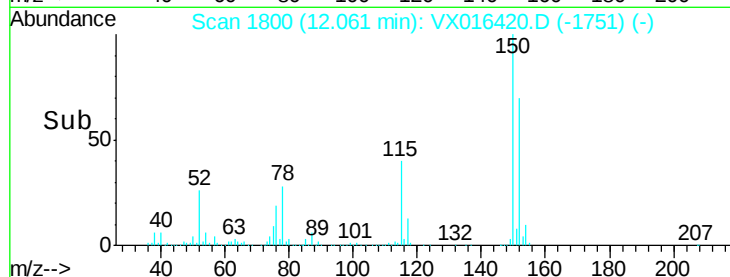
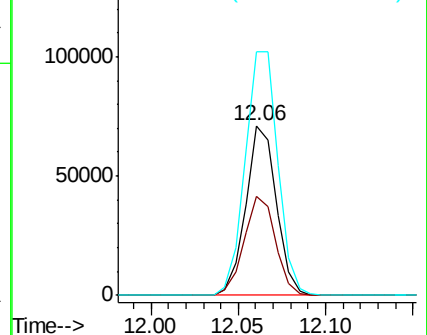
150 154.1 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.018 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016420.D

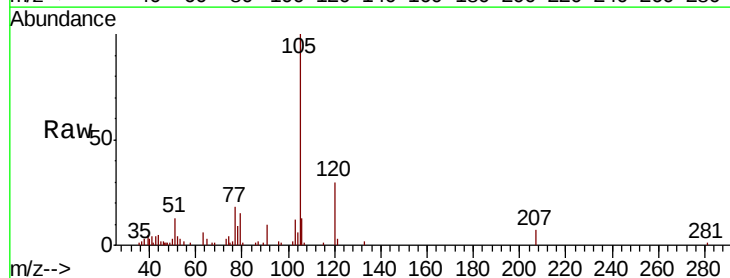
Acq: 26 May 2020 12:20

Tgt Ion:105 Resp: 6329

Ion Ratio Lower Upper

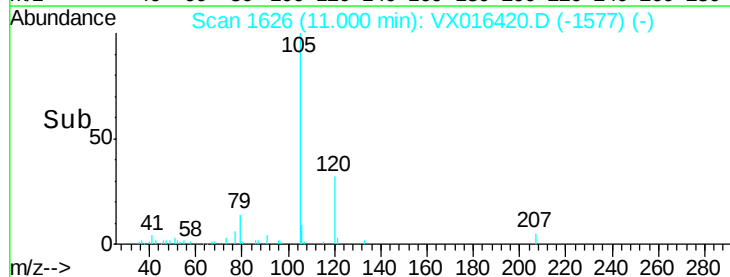
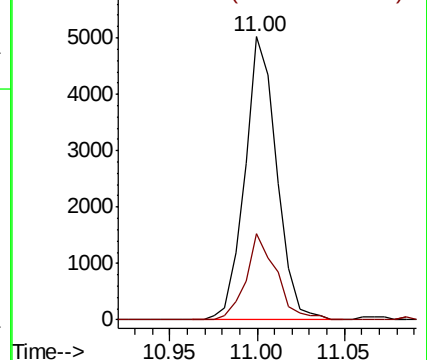
105 100

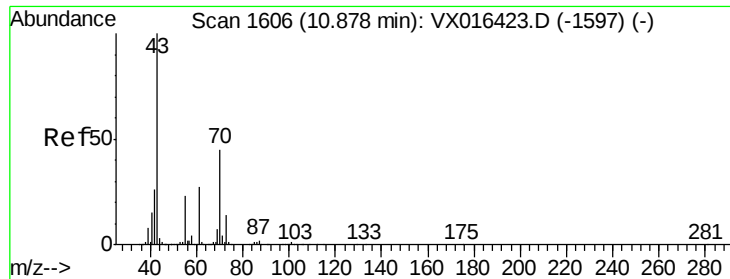
120 29.3 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.037 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

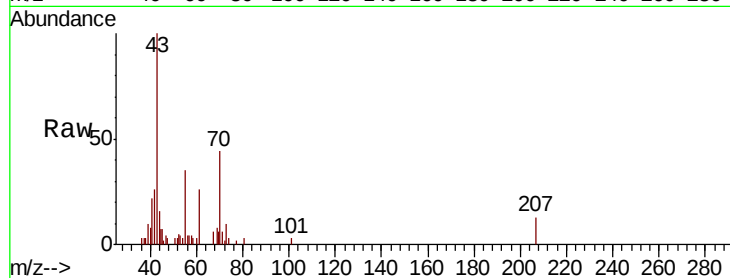
ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 2956

Ion Ratio Lower Upper

|    |      |      |       |
|----|------|------|-------|
| 43 | 100  |      |       |
| 70 | 45.6 | 38.0 | 57.0  |
| 55 | 37.4 | 20.0 | 30.0# |
| 61 | 28.5 | 21.4 | 32.2  |

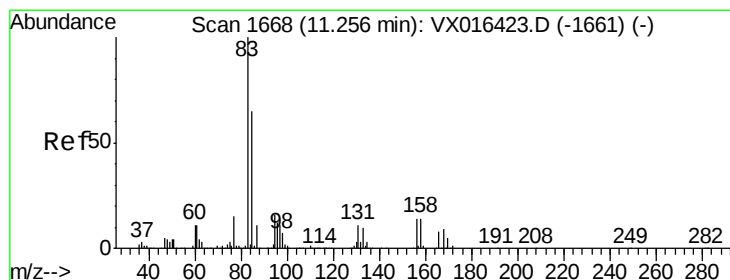
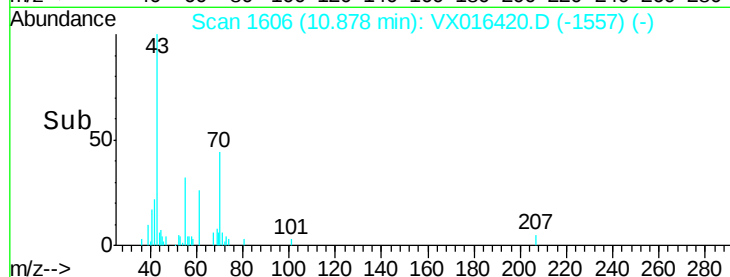
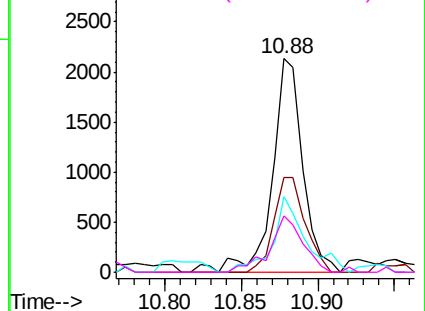


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 1.164 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

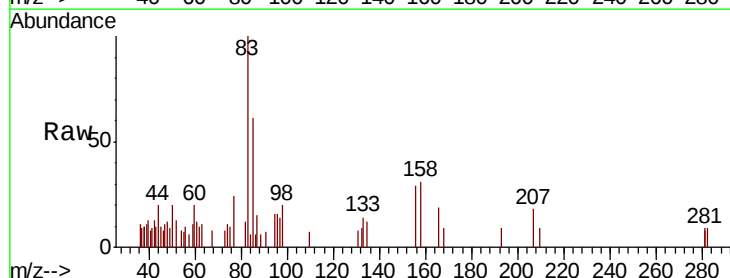
Lab File: VX016420.D

Acq: 26 May 2020 12:20

Tgt Ion: 83 Resp: 1330

Ion Ratio Lower Upper

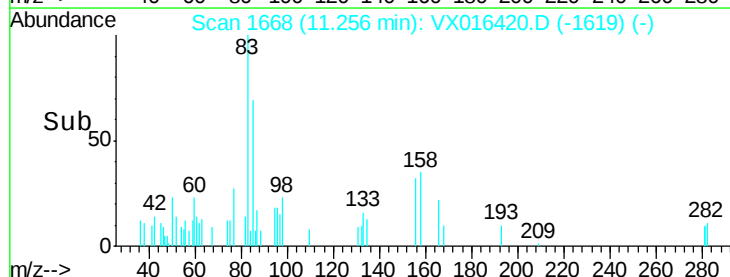
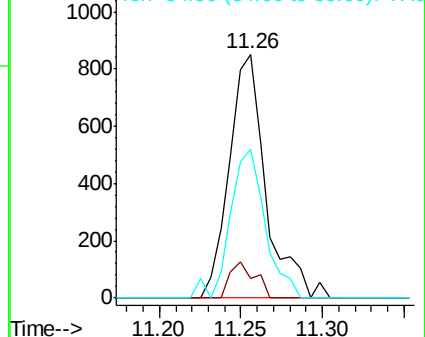
|     |      |      |      |
|-----|------|------|------|
| 83  | 100  |      |      |
| 131 | 10.0 | 5.4  | 16.2 |
| 85  | 58.0 | 32.6 | 97.7 |

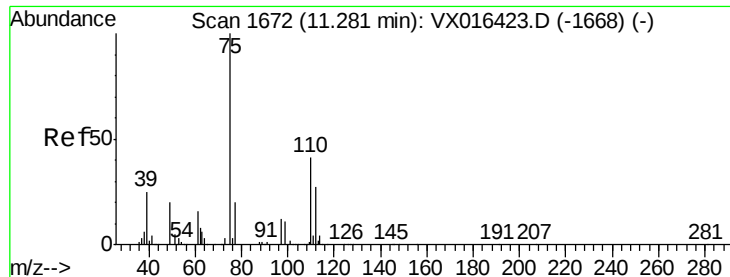


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 1.431 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

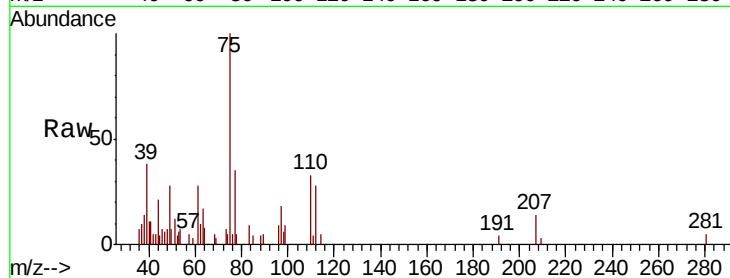
VSTDIC001

Tot Ion: 75 Resp: 2761

Ion Ratio Lower Upper

75 100

77 41.5 21.4 64.3



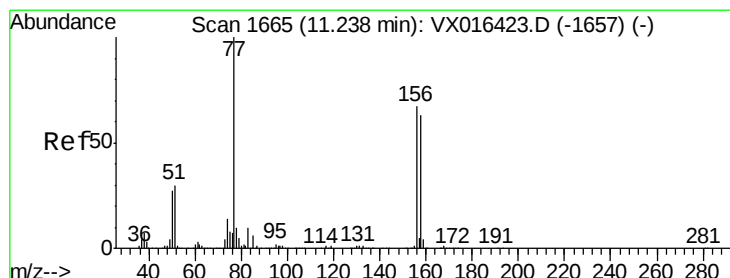
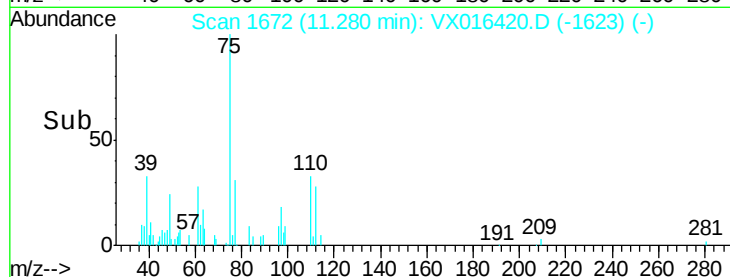
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.28

11.25 11.30 11.35

Time-->



#77

Bromobenzene

Concen: 0.921 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

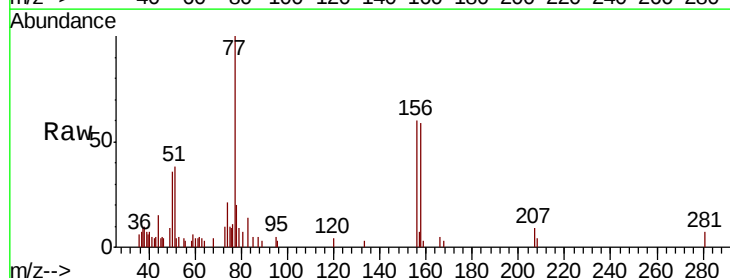
Tgt Ion: 156 Resp: 1488

Ion Ratio Lower Upper

156 100

77 163.0 74.6 223.8

158 103.4 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

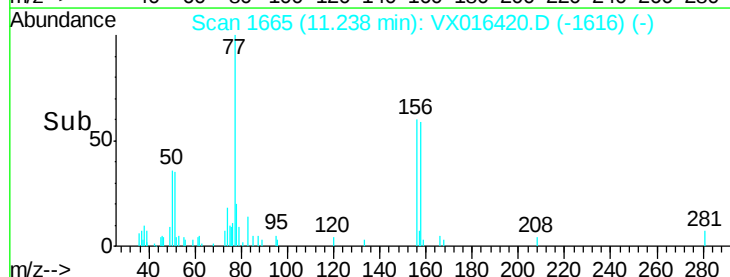
Ion 77.00 (76.70 to 77.70): VX0

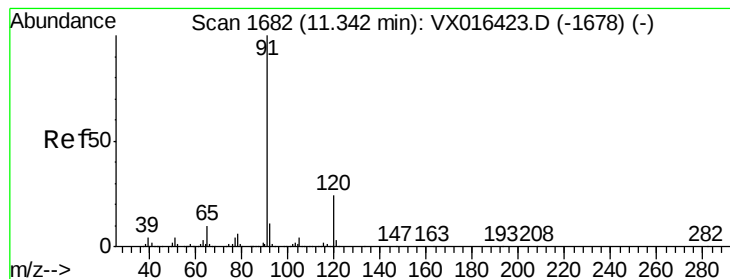
Ion 157.80 (157.50 to 158.50): V

11.24

11.20 11.25

Time-->





#78

n-propylbenzene

Concen: 0.980 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

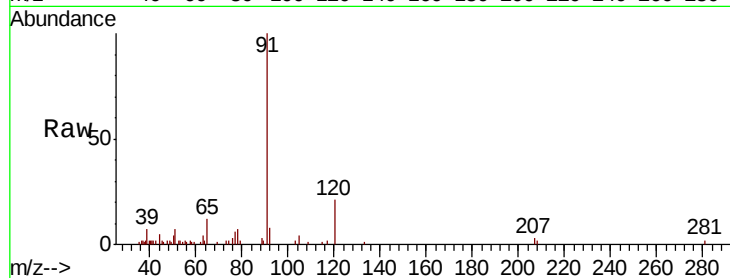
VSTDIC001

Tot Ion: 91 Resp: 7071

Ion Ratio Lower Upper

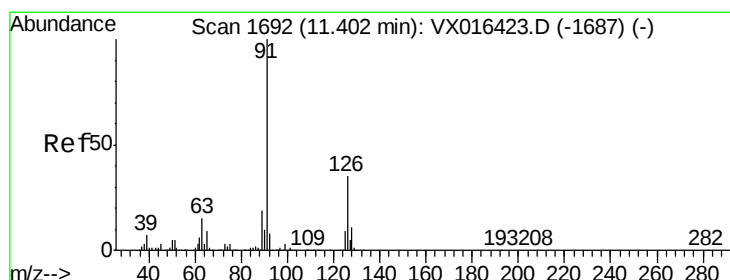
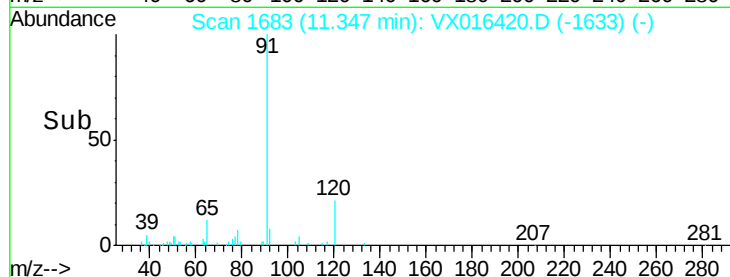
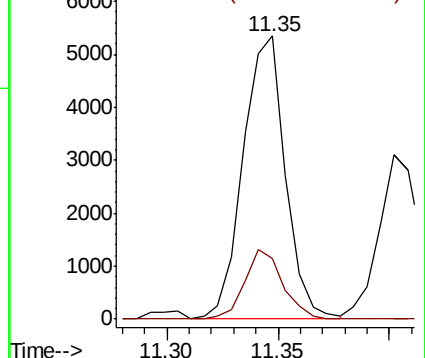
91 100

120 22.2 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.954 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016420.D

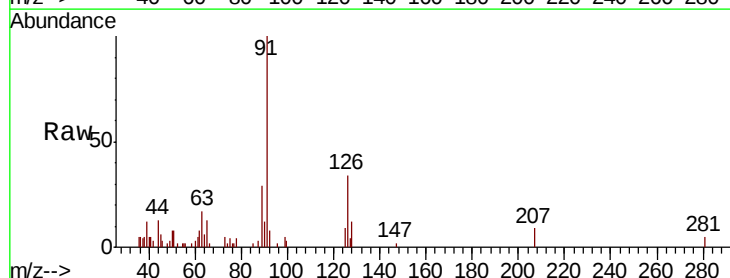
Acq: 26 May 2020 12:20

Tgt Ion: 91 Resp: 4073

Ion Ratio Lower Upper

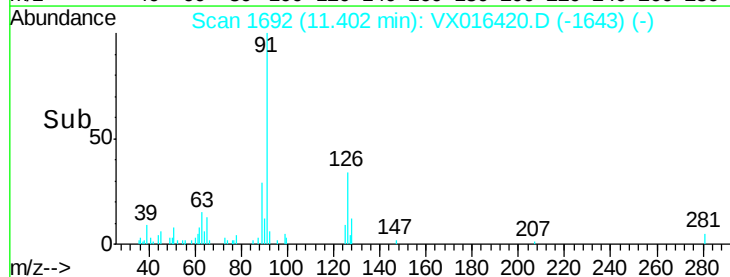
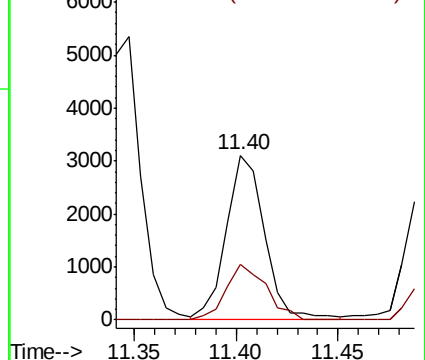
91 100

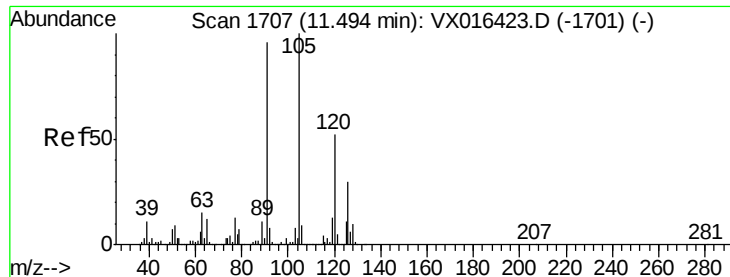
126 35.5 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 0.845 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

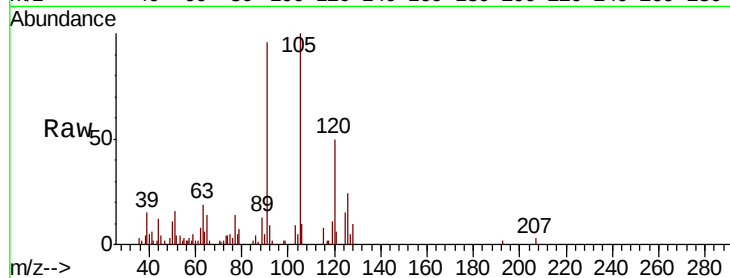
VSTDIC001

Tot Ion:105 Resp: 4434

Ion Ratio Lower Upper

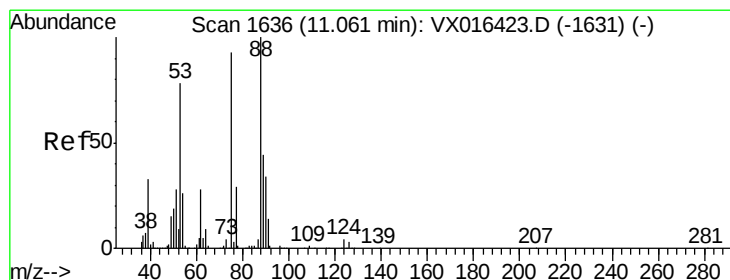
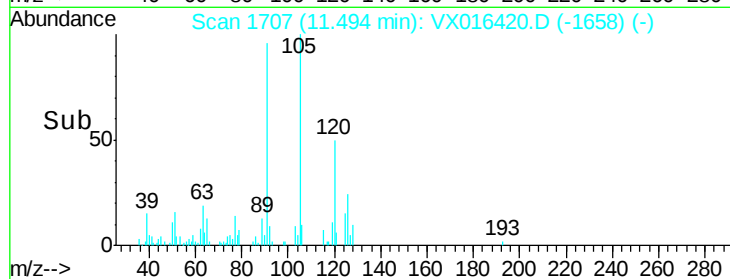
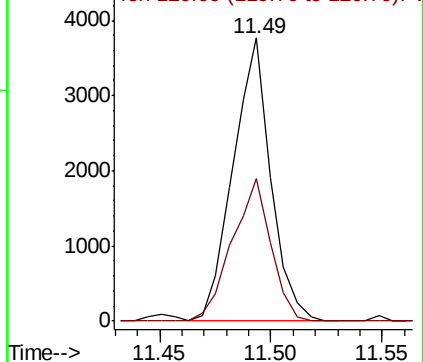
105 100

120 51.8 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 1.060 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

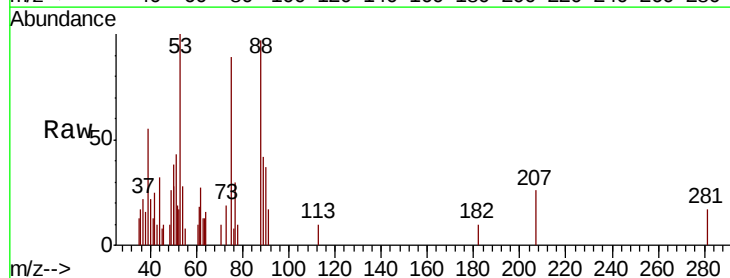
Tgt Ion: 75 Resp: 853

Ion Ratio Lower Upper

75 100

53 118.1 69.4 104.2#

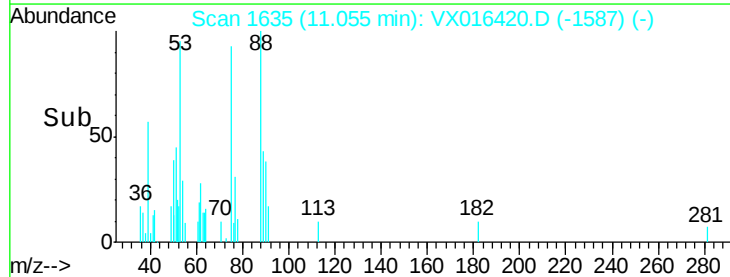
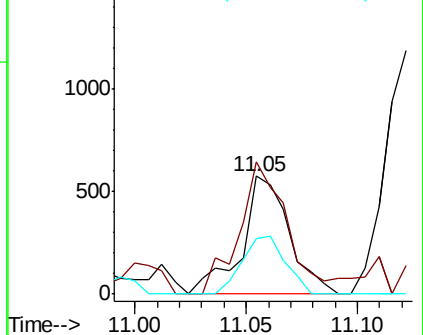
89 44.4 37.0 55.6

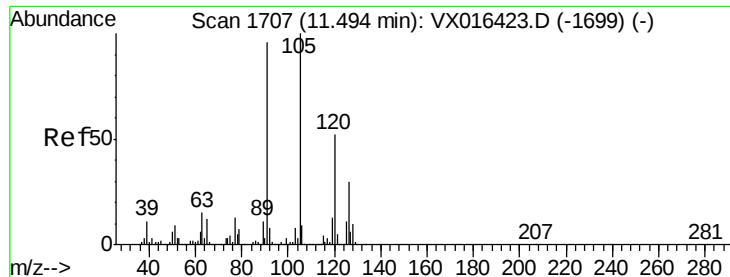


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 0.956 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

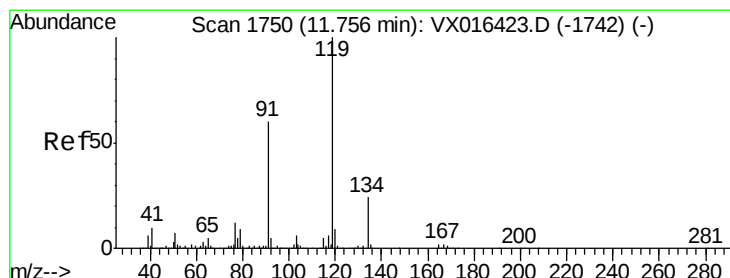
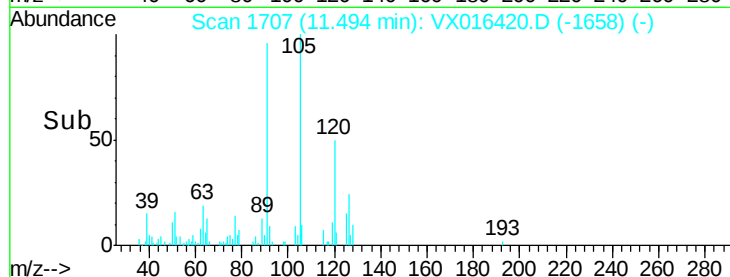
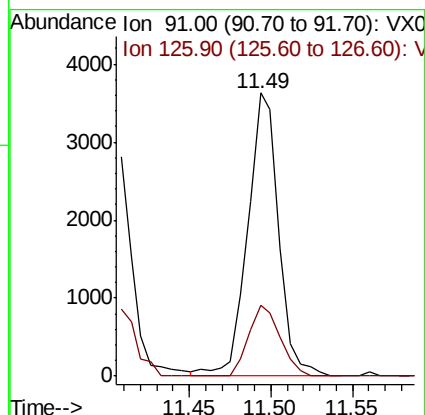
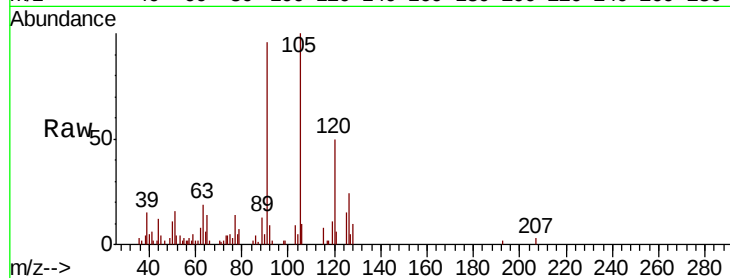
VSTDIC001

Tot Ion: 91 Resp: 4823

Ion Ratio Lower Upper

91 100

126 25.4 15.7 47.0



#83

tert-Butylbenzene

Concen: 0.937 ug/l

RT: 11.75 min Scan# 1749

Delta R.T. -0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

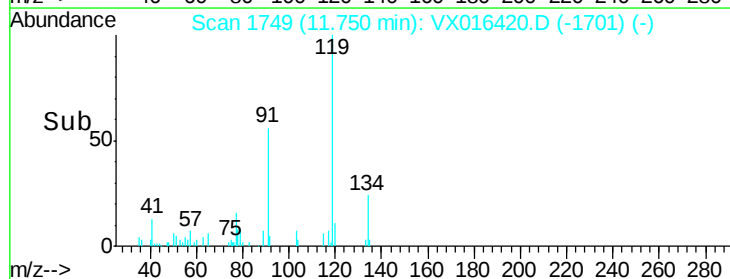
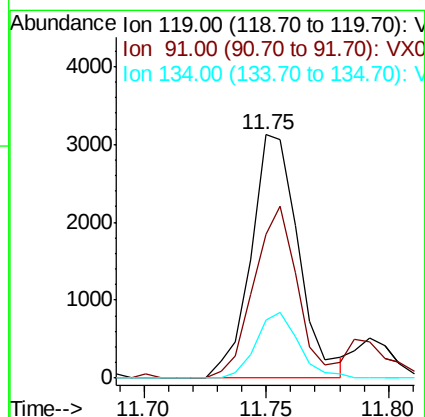
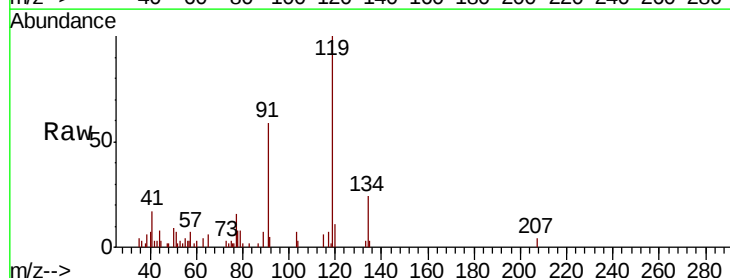
Tgt Ion: 119 Resp: 4235

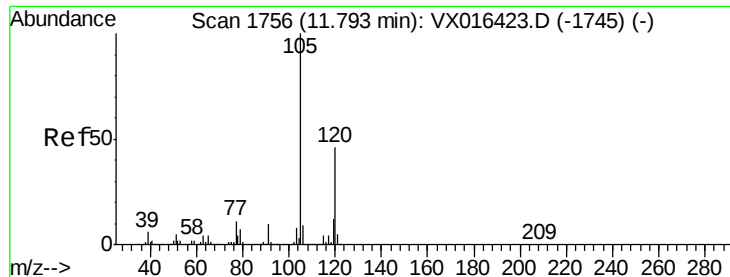
Ion Ratio Lower Upper

119 100

91 64.1 30.8 92.3

134 24.2 12.3 36.9





#84

1,2,4-Trimethylbenzene

Concen: 0.859 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

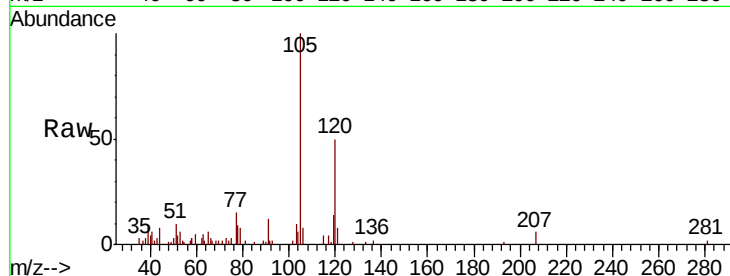
VSTDIC001

Tot Ion:105 Resp: 4546

Ion Ratio Lower Upper

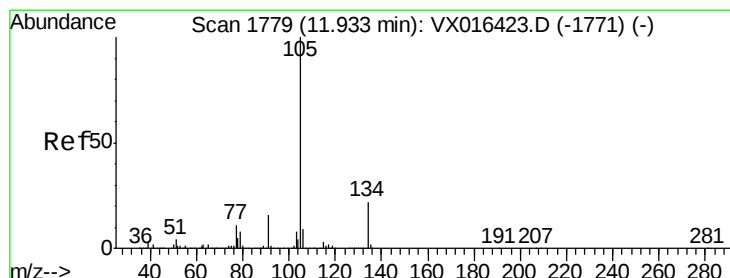
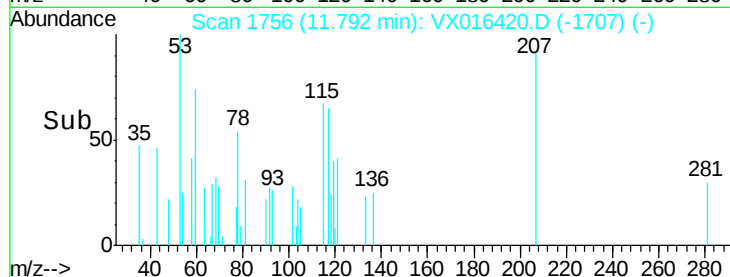
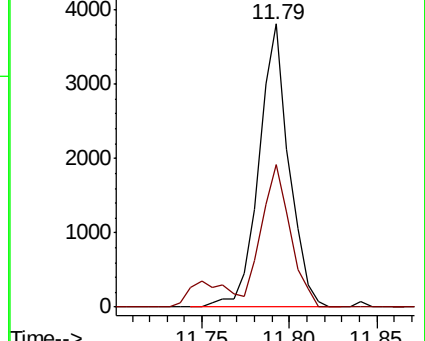
105 100

120 48.0 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.906 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016420.D

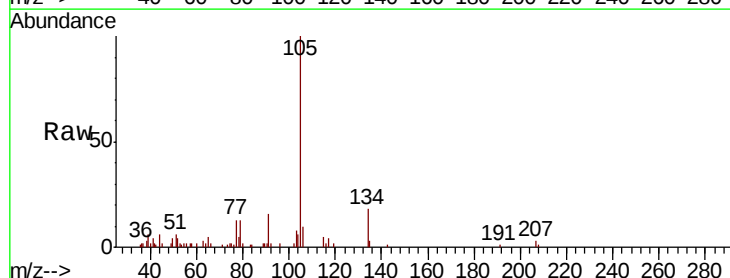
Acq: 26 May 2020 12:20

Tgt Ion:105 Resp: 5481

Ion Ratio Lower Upper

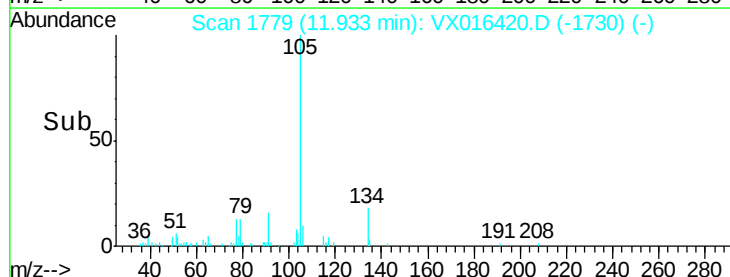
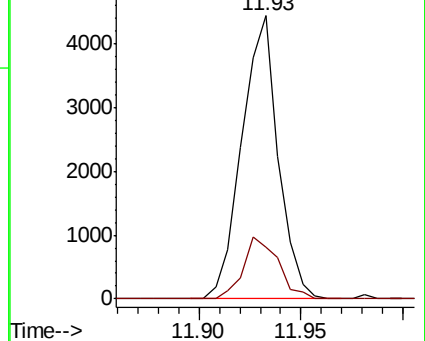
105 100

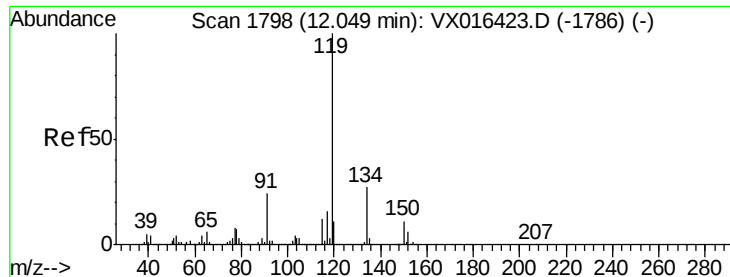
134 20.9 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

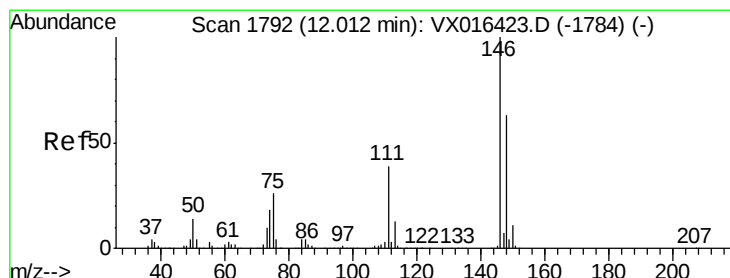
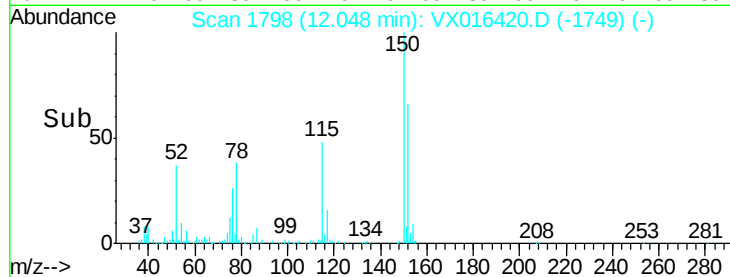
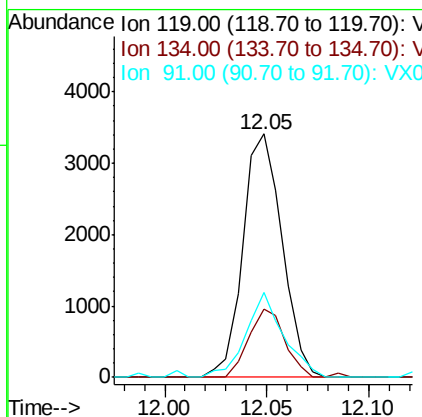
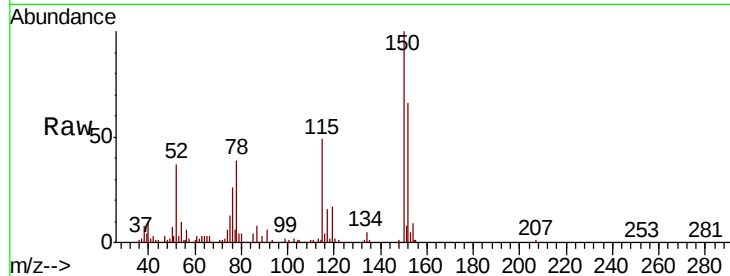




#86  
p-Isopropyltoluene  
Concen: 0.812 ug/l  
RT: 12.05 min Scan# 1798  
Delta R.T. -0.00 min  
Lab File: VX016420.D  
Acq: 26 May 2020 12:20

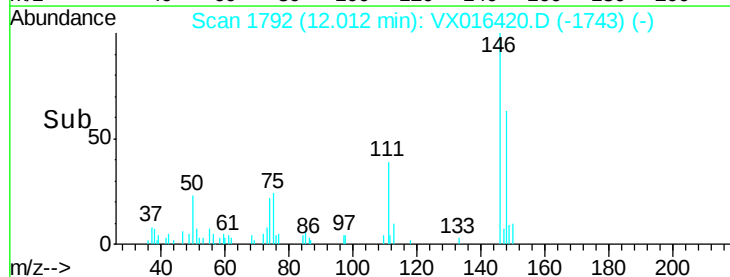
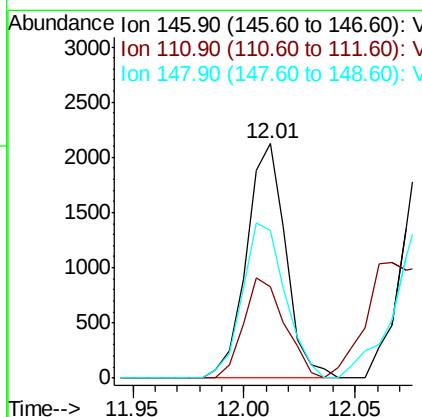
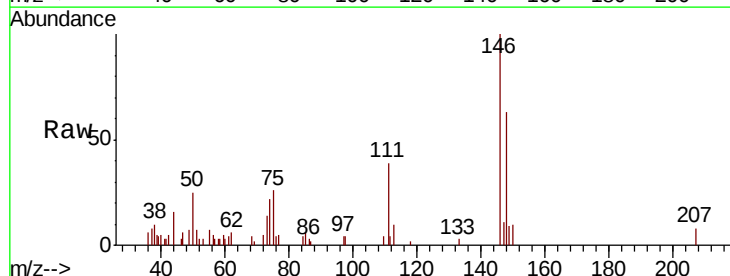
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

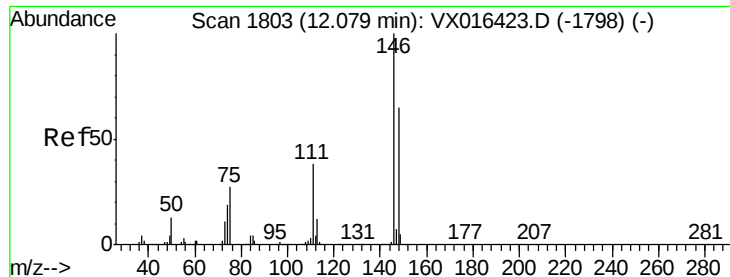
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 25.9  | 13.8  | 41.3  |
| 91      | 33.7  | 11.9  | 35.5  |



#87  
1,3-Dichlorobenzene  
Concen: 0.907 ug/l  
RT: 12.01 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX016420.D  
Acq: 26 May 2020 12:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 44.8  | 20.1  | 60.2  |
| 148     | 72.1  | 31.4  | 94.2  |

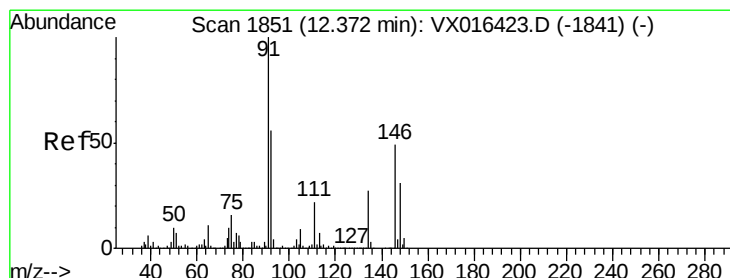
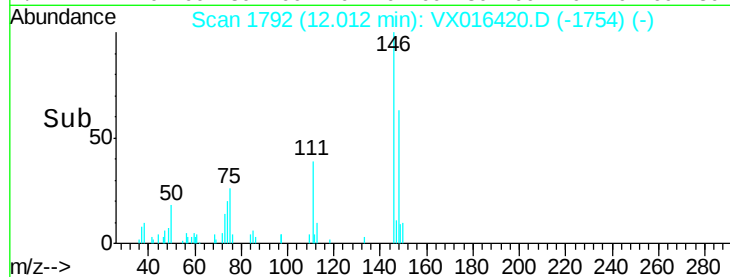
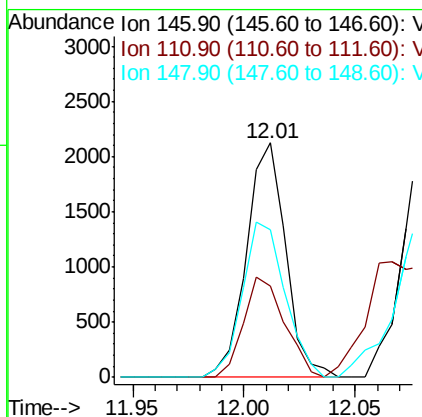
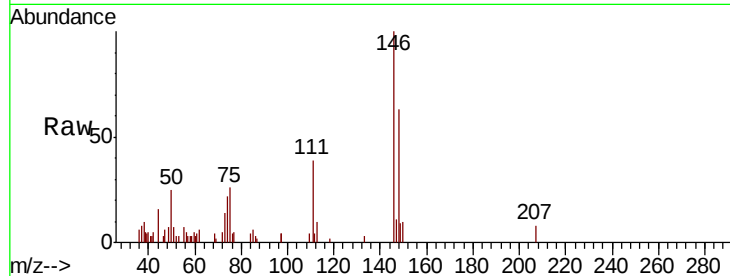




#88  
 1,4-Dichlorobenzene  
 Concen: 0.893 ug/l  
 RT: 12.01 min Scan# 1792  
 Delta R.T. -0.07 min  
 Lab File: VX016420.D  
 Acq: 26 May 2020 12:20

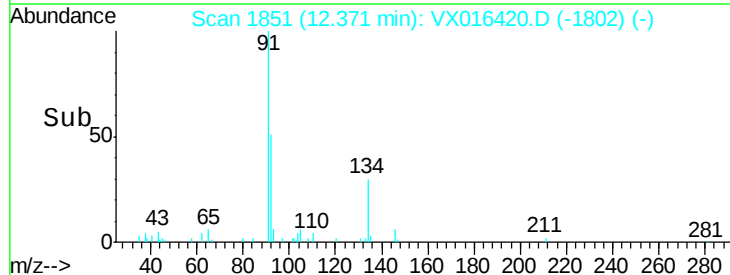
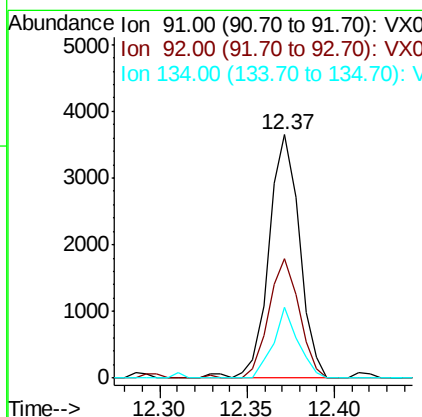
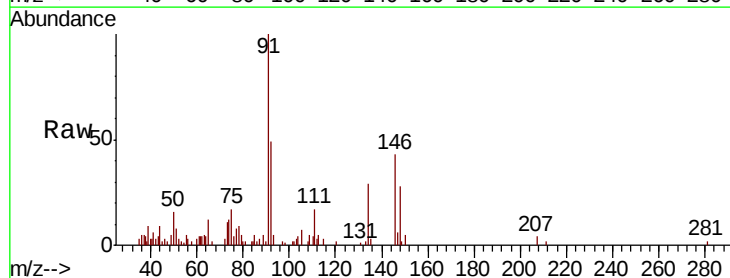
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

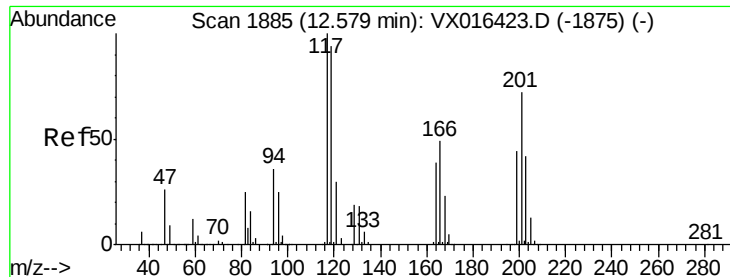
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 44.8  | 19.2  | 57.6  |
| 148     | 72.1  | 33.1  | 99.2  |



#89  
 n-Butylbenzene  
 Concen: 0.872 ug/l  
 RT: 12.37 min Scan# 1851  
 Delta R.T. -0.00 min  
 Lab File: VX016420.D  
 Acq: 26 May 2020 12:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 48.6  | 27.6  | 82.8  |
| 134     | 23.6  | 13.7  | 41.1  |





#90

Hexachloroethane

Concen: 0.922 ug/l

RT: 12.58 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

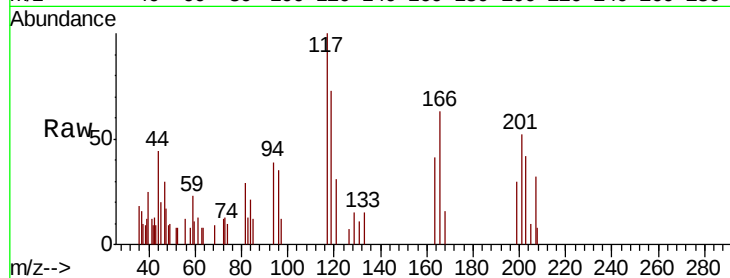
VSTDIC001

Tot Ion:117 Resp: 893

Ion Ratio Lower Upper

117 100

201 65.1 37.6 112.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.58

800

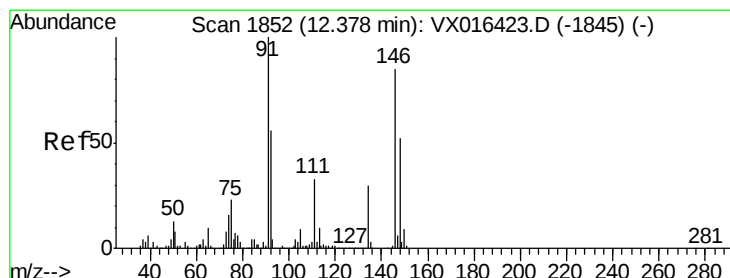
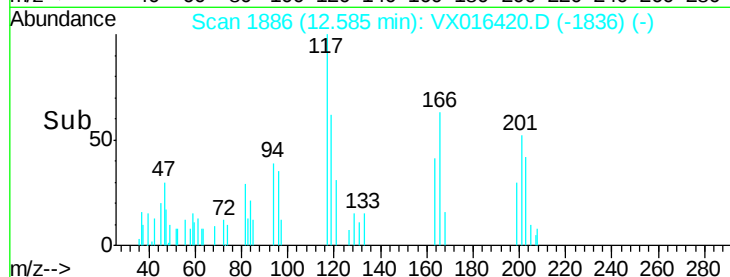
600

400

200

0

Time-->



#91

1,2-Dichlorobenzene

Concen: 0.886 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

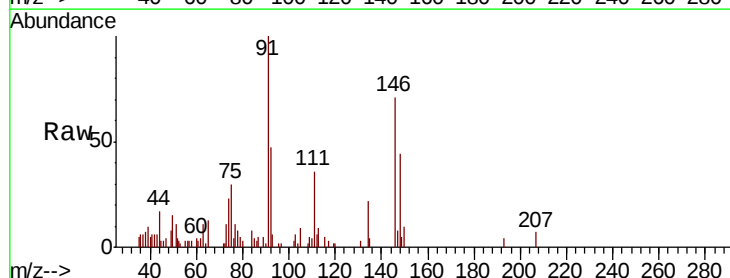
Tgt Ion:146 Resp: 2476

Ion Ratio Lower Upper

146 100

111 47.3 20.4 61.3

148 62.0 31.6 94.8



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

2500

2000

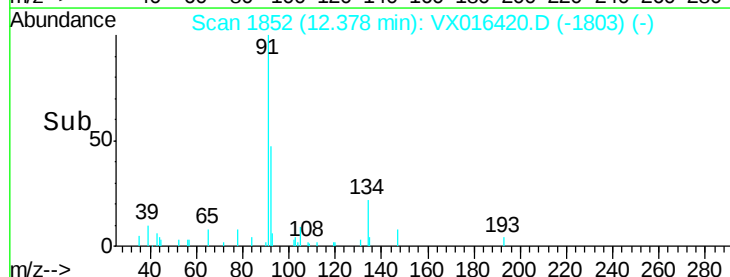
1500

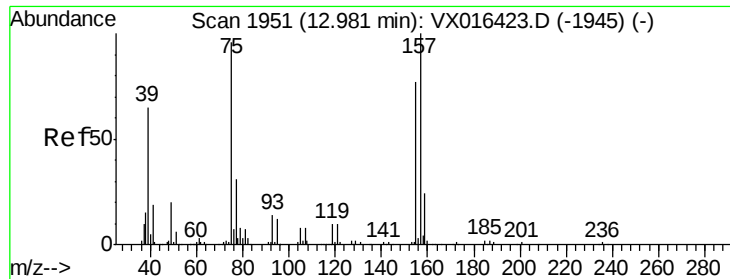
1000

500

0

Time-->

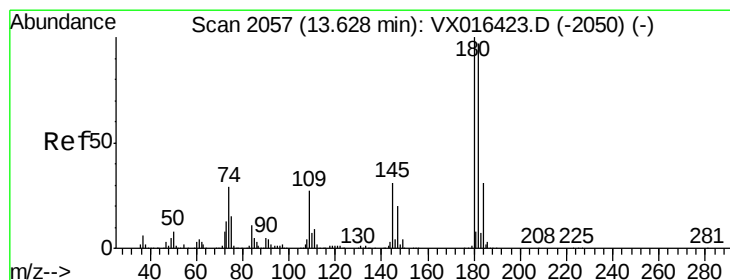
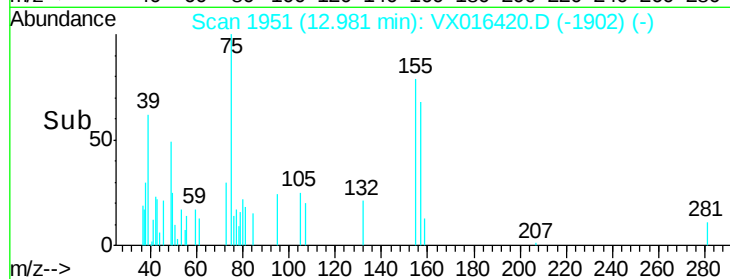
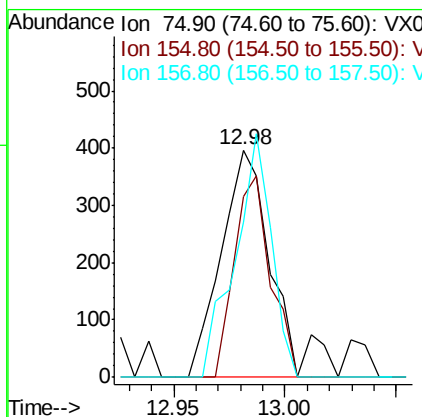
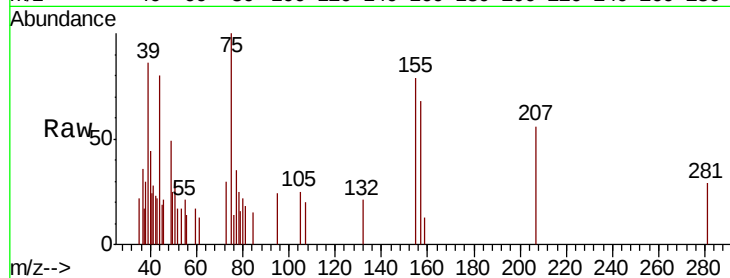




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 1.252 ug/l  
 RT: 12.98 min Scan# 1951  
 Delta R.T. -0.00 min  
 Lab File: VX016420.D  
 Acq: 26 May 2020 12:20

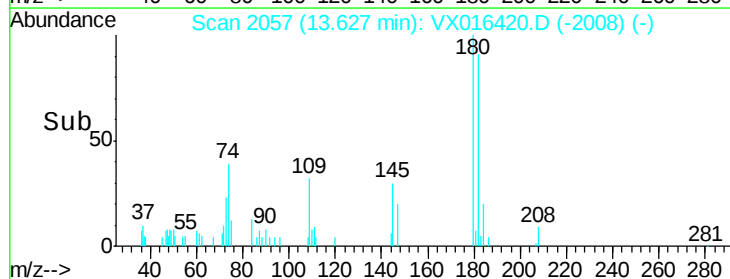
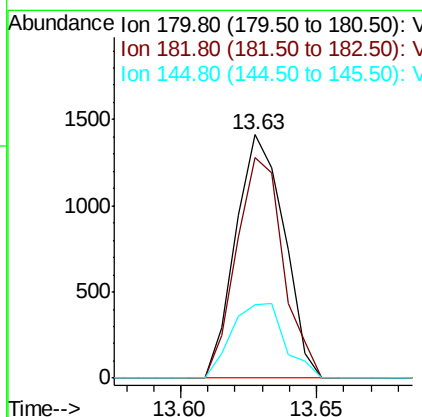
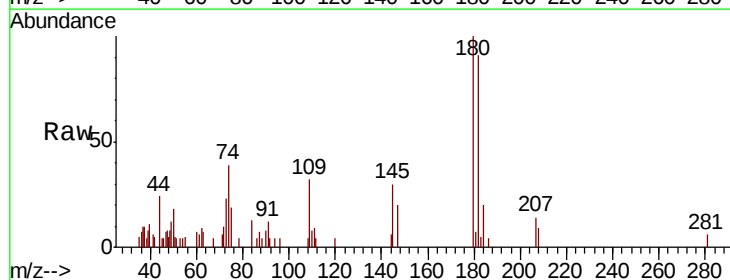
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

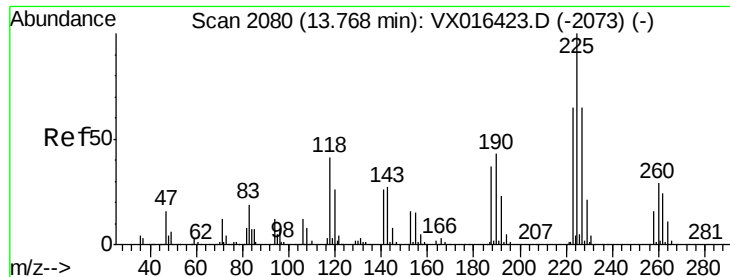
Tot Ion: 75 Resp: 637  
 Ion Ratio Lower Upper  
 75 100  
 155 62.5 44.8 134.4  
 157 76.0 57.8 173.4



#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.859 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. -0.00 min  
 Lab File: VX016420.D  
 Acq: 26 May 2020 12:20

Tgt Ion: 180 Resp: 1740  
 Ion Ratio Lower Upper  
 180 100  
 182 87.9 48.6 145.8  
 145 33.3 15.5 46.5





#94

Hexachlorobutadiene

Concen: 0.733 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

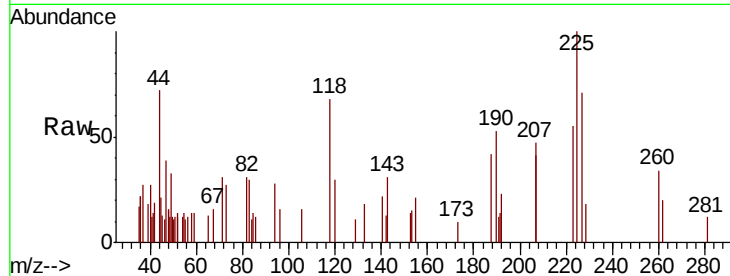
Tot Ion:225 Resp: 664

Ion Ratio Lower Upper

225 100

223 53.2 32.6 98.0

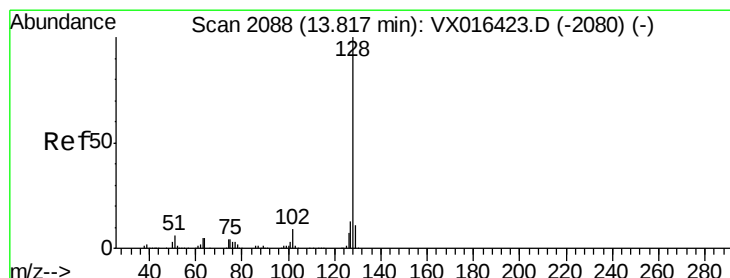
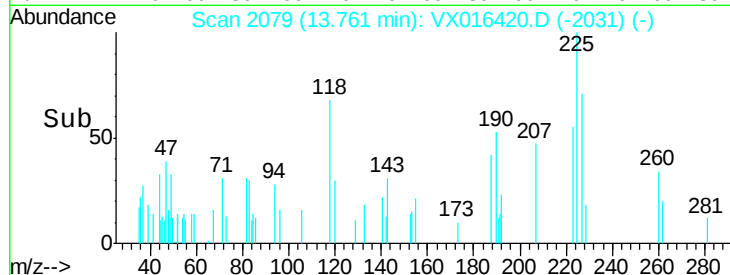
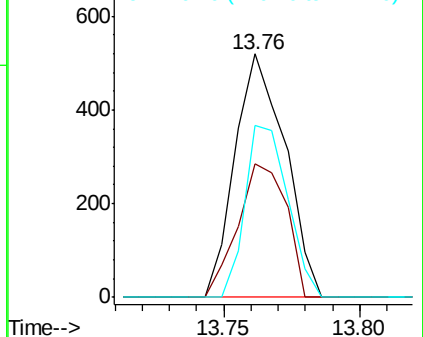
227 60.2 32.5 97.4



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.800 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

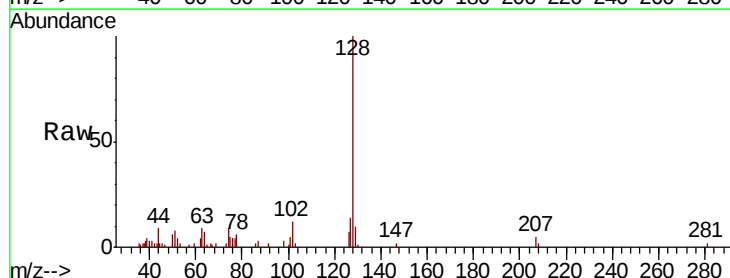
Tgt Ion:128 Resp: 5306

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

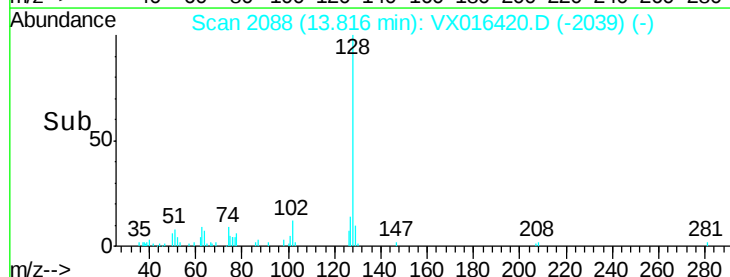
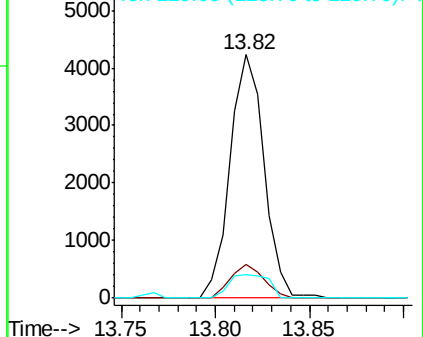
129 11.3 8.9 13.3

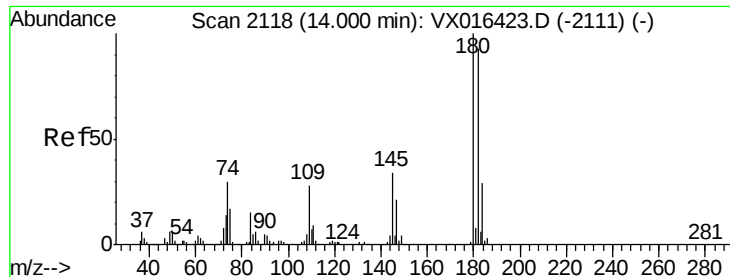


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.698 ug/l  
 RT: 14.01 min Scan# 2119  
 Delta R.T. 0.01 min  
 Lab File: VX016420.D  
 Acq: 26 May 2020 12:20

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 111.6 | 48.2  | 144.6 |
| 145     | 42.7  | 16.3  | 48.9  |

