

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050620\  
 Data File : VX016078.D  
 Acq On : 06 May 2020 13:05  
 Operator : JC/SP  
 Sample : L2182-09 .5PPB MDL  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: May 07 07:45:51 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 07 07:43:09 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 302317   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.84  | 114  | 476750   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 430404   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 206075   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.03   | 65  | 194542   | 48.90 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.80%  |      |
| 35) Dibromofluoromethane  | 5.47   | 113 | 146313   | 48.44 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.88%  |      |
| 50) Toluene-d8            | 8.70   | 98  | 586059   | 50.36 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.72% |      |
| 62) 4-Bromofluorobenzene  | 11.12  | 95  | 211535   | 47.79 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.58%  |      |

## Target Compounds

|                               |      |     |       |       | Qvalue |    |
|-------------------------------|------|-----|-------|-------|--------|----|
| 2) Dichlorodifluoromethane    | 1.18 | 85  | 1328  | 0.415 | ug/l   | 78 |
| 3) Chloromethane              | 1.32 | 50  | 1903  | 0.512 | ug/l # | 88 |
| 4) Vinyl Chloride             | 1.39 | 62  | 1579  | 0.398 | ug/l # | 83 |
| 5) Bromomethane               | 1.64 | 94  | 1342  | 0.671 | ug/l # | 71 |
| 6) Chloroethane               | 1.72 | 64  | 1091  | 0.452 | ug/l # | 76 |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 2343  | 0.450 | ug/l   | 95 |
| 8) Diethyl Ether              | 2.17 | 74  | 1281  | 0.584 | ug/l   | 92 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 1436  | 0.478 | ug/l   | 95 |
| 10) Methyl Iodide             | 2.49 | 142 | 1564  | 0.388 | ug/l   | 95 |
| 11) Tert butyl alcohol        | 3.00 | 59  | 2082  | 2.070 | ug/l   | 97 |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 1858  | 0.591 | ug/l # | 88 |
| 13) Acrolein                  | 2.27 | 56  | 1885  | 2.994 | ug/l   | 90 |
| 14) Allyl chloride            | 2.71 | 41  | 2256  | 0.392 | ug/l # | 85 |
| 15) Acrylonitrile             | 3.12 | 53  | 4577  | 2.193 | ug/l   | 97 |
| 16) Acetone                   | 2.42 | 43  | 4211  | 2.372 | ug/l   | 97 |
| 17) Carbon Disulfide          | 2.56 | 76  | 6334  | 0.592 | ug/l   | 96 |
| 18) Methyl Acetate            | 2.75 | 43  | 2028  | 0.465 | ug/l # | 83 |
| 19) Methyl tert-butyl Ether   | 3.17 | 73  | 4500  | 0.415 | ug/l # | 90 |
| 20) Methylene Chloride        | 2.84 | 84  | 1966  | 0.537 | ug/l # | 89 |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96  | 1797  | 0.513 | ug/l   | 91 |
| 22) Diisopropyl ether         | 3.82 | 45  | 4447  | 0.409 | ug/l # | 65 |
| 23) Vinyl Acetate             | 3.79 | 43  | 16637 | 1.740 | ug/l   | 99 |
| 24) 1,1-Dichloroethane        | 3.67 | 63  | 2483  | 0.408 | ug/l # | 82 |
| 25) 2-Butanone                | 4.64 | 43  | 6003  | 2.099 | ug/l # | 83 |
| 26) 2,2-Dichloropropane       | 4.54 | 77  | 2287  | 0.412 | ug/l # | 53 |
| 27) cis-1,2-Dichloroethene    | 4.56 | 96  | 2321  | 0.606 | ug/l   | 67 |
| 28) Bromochloromethane        | 4.99 | 49  | 1434  | 0.517 | ug/l # | 87 |
| 29) Tetrahydrofuran           | 5.10 | 42  | 3633  | 1.917 | ug/l   | 95 |
| 30) Chloroform                | 5.17 | 83  | 2591  | 0.428 | ug/l # | 83 |
| 31) Cyclohexane               | 5.56 | 56  | 2214  | 0.401 | ug/l # | 83 |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97  | 2379  | 0.432 | ug/l # | 50 |
| 36) 1,1-Dichloropropene       | 5.78 | 75  | 2522  | 0.537 | ug/l   | 95 |
| 37) Ethyl Acetate             | 4.80 | 43  | 2432  | 0.447 | ug/l # | 84 |
| 38) Carbon Tetrachloride      | 5.76 | 117 | 2153  | 0.451 | ug/l # | 88 |

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 ClientSampleId :

Quant Time: May 07 07:45:51 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 07 07:43:09 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 7.45  | 83   | 2444     | 0.432  | ug/l   | 95       |
| 40) Benzene                    | 6.11  | 78   | 6188     | 0.451  | ug/l   | 92       |
| 41) Methacrylonitrile          | 5.01  | 41   | 1507     | 0.513  | ug/l # | 49       |
| 42) 1,2-Dichloroethane         | 6.17  | 62   | 2513     | 0.508  | ug/l   | 90       |
| 43) Isopropyl Acetate          | 6.42  | 43   | 3659     | 0.422  | ug/l   | 99       |
| 44) Trichloroethene            | 7.20  | 130  | 2197     | 0.450  | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 1509     | 0.434  | ug/l # | 85       |
| 46) Dibromomethane             | 7.65  | 93   | 1009     | 0.427  | ug/l   | 94       |
| 47) Bromodichloromethane       | 7.88  | 83   | 1714     | 0.356  | ug/l # | 93       |
| 48) Methyl methacrylate        | 7.76  | 41   | 1806     | 0.439  | ug/l # | 84       |
| 49) 1,4-Dioxane                | 7.72  | 88   | 846      | 8.578  | ug/l # | 69       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 9624     | 1.812  | ug/l   | 98       |
| 52) Toluene                    | 8.77  | 92   | 3667     | 0.428  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 2277     | 0.397  | ug/l   | 92       |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 2373     | 0.396  | ug/l # | 92       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 1387     | 0.412  | ug/l # | 91       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 2146     | 0.390  | ug/l # | 88       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 2396     | 0.408  | ug/l # | 82       |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 5830     | 1.992  | ug/l   | 98       |
| 59) 2-Hexanone                 | 9.47  | 43   | 6963     | 1.670  | ug/l   | 95       |
| 60) Dibromochloromethane       | 9.57  | 129  | 1456     | 0.393  | ug/l   | 93       |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 1538     | 0.422  | ug/l   | 96       |
| 64) Tetrachloroethene          | 9.32  | 164  | 2474     | 0.468  | ug/l # | 90       |
| 65) Chlorobenzene              | 10.12 | 112  | 4030     | 0.447  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 1251     | 0.376  | ug/l # | 61       |
| 67) Ethyl Benzene              | 10.24 | 91   | 6893     | 0.429  | ug/l   | 96       |
| 68) m/p-Xylenes                | 10.34 | 106  | 4950     | 0.822  | ug/l   | 95       |
| 69) o-Xylene                   | 10.68 | 106  | 2174     | 0.375  | ug/l   | 94       |
| 70) Styrene                    | 10.70 | 104  | 3800     | 0.387  | ug/l   | 94       |
| 71) Bromoform                  | 10.84 | 173  | 936      | 0.345  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.00 | 105  | 6273     | 0.419  | ug/l   | 96       |
| 74) N-amyl acetate             | 10.88 | 43   | 2539     | 0.363  | ug/l # | 94       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 1023     | 0.387  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 11.12 | 75   | 104986   | 22.451 | ug/l # | 36       |
| 77) Bromobenzene               | 11.24 | 156  | 1779     | 0.460  | ug/l   | 94       |
| 78) n-propylbenzene            | 11.34 | 91   | 7415     | 0.425  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 4573     | 0.444  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 4966     | 0.392  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.12 | 75   | 104986   | 53.501 | ug/l # | 13       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 5439     | 0.447  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 4562     | 0.418  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 5120     | 0.400  | ug/l   | 97       |
| 85) sec-Butylbenzene           | 11.93 | 105  | 5860     | 0.398  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 5667     | 0.414  | ug/l   | 88       |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 3330     | 0.479  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 12.01 | 146  | 3330     | 0.472  | ug/l   | 96       |
| 89) n-Butylbenzene             | 12.37 | 91   | 5805     | 0.465  | ug/l   | 97       |
| 90) Hexachloroethane           | 12.59 | 117  | 805      | 0.343  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 2946     | 0.440  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 496      | 0.402  | ug/l   | 97       |

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Sample : L2182-09 .5PPB MDL  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 7 Sample Multiplier: 1

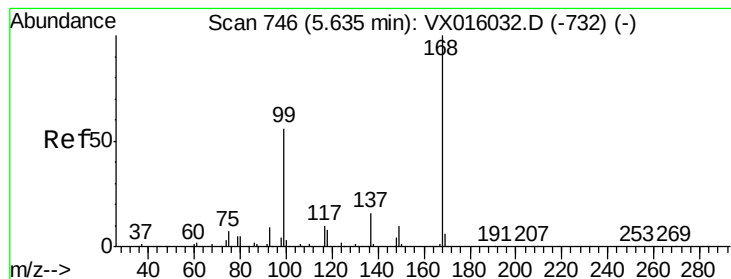
Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: May 07 07:45:51 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 07 07:43:09 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 2588     | 0.523 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.76 | 225  | 1112     | 0.486 | ug/l  | 92       |
| 95) Naphthalene            | 13.82 | 128  | 6968     | 0.435 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 2550     | 0.527 | ug/l  | 90       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

Instrument :

MSVOA\_X

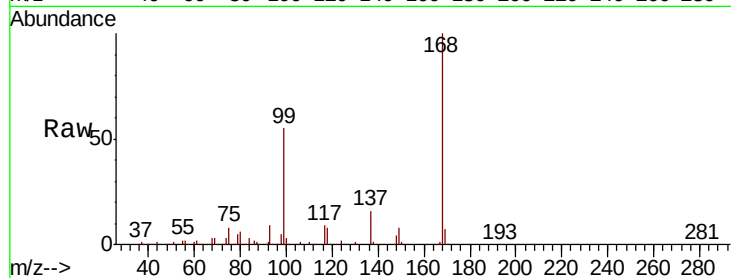
ClientSampleId :

Tot Ion:168 Resp: 302317

Ion Ratio Lower Upper

168 100

99 54.8 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

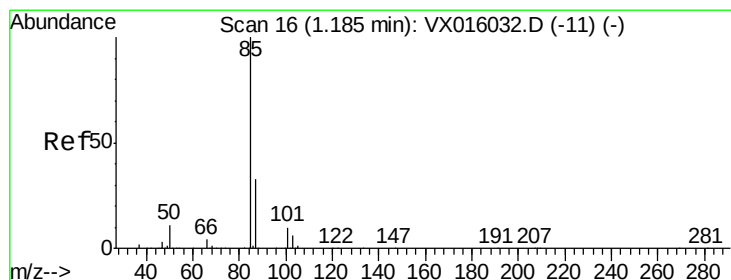
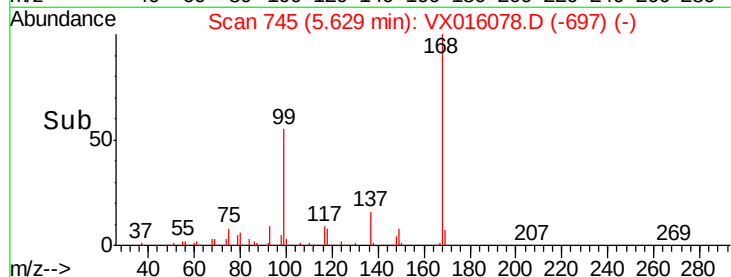
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.415 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016078.D

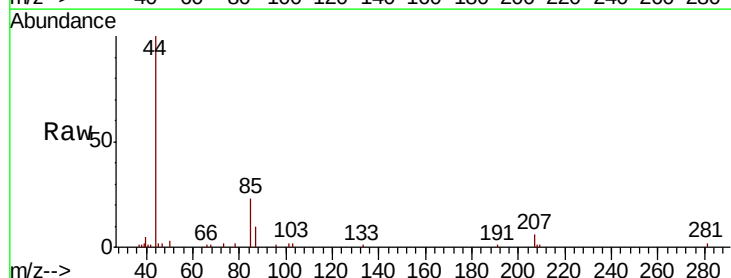
Acq: 06 May 2020 13:05

Tgt Ion: 85 Resp: 1328

Ion Ratio Lower Upper

85 100

87 45.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

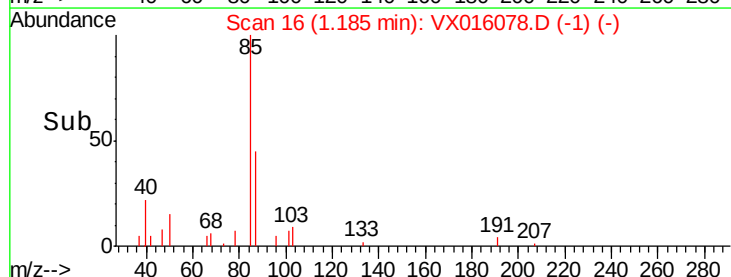
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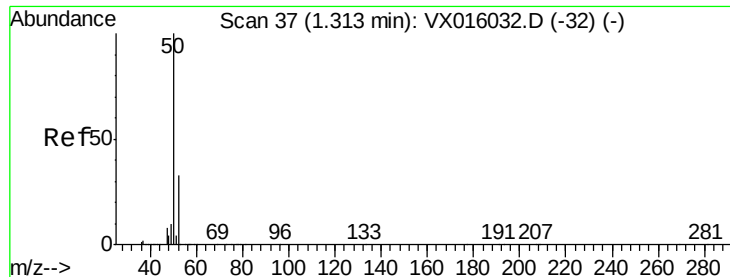
1000

500

0

Time-->





#3

Chloromethane

Concen: 0.512 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

Instrument :

MSVOA\_X

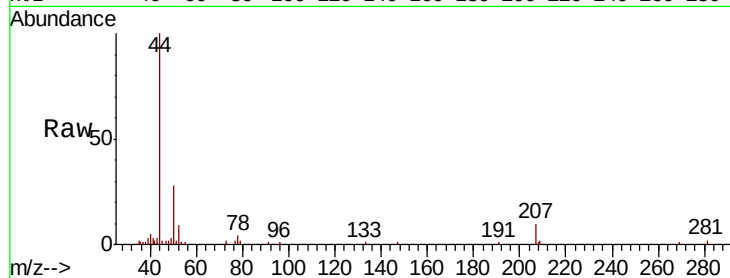
ClientSampleId :

Tot Ion: 50 Resp: 1903

Ion Ratio Lower Upper

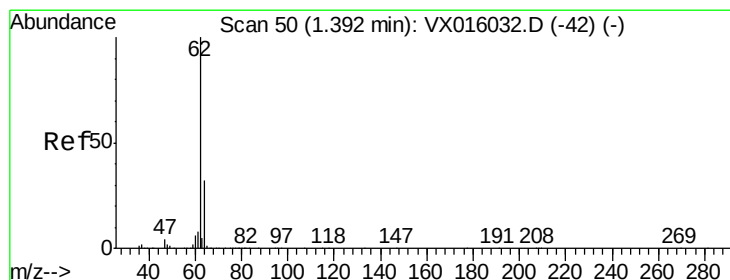
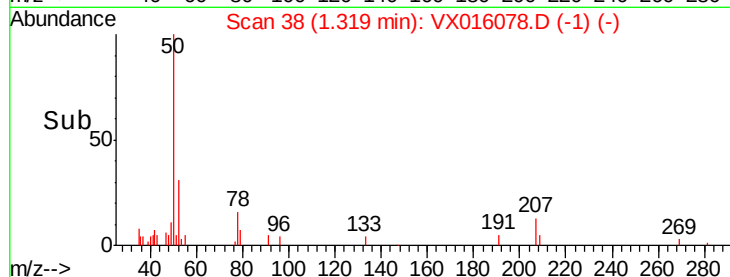
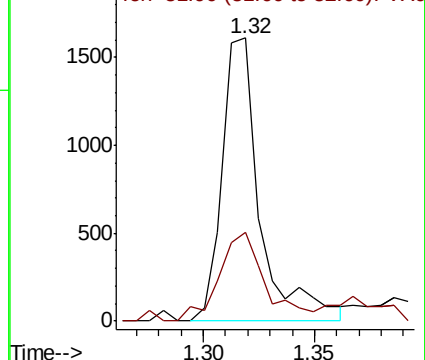
50 100

52 26.0 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 0.398 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016078.D

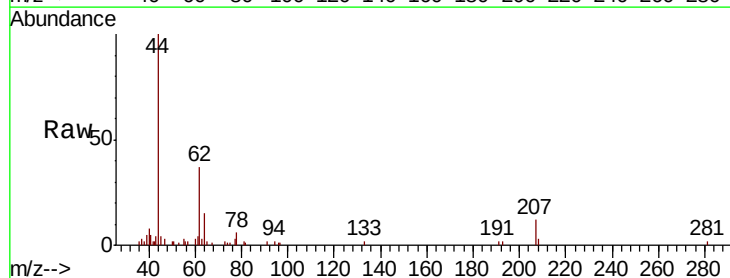
Acq: 06 May 2020 13:05

Tgt Ion: 62 Resp: 1579

Ion Ratio Lower Upper

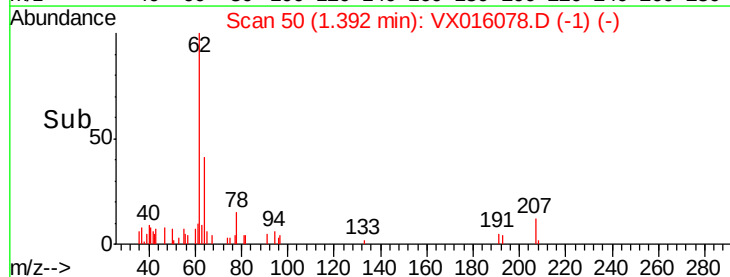
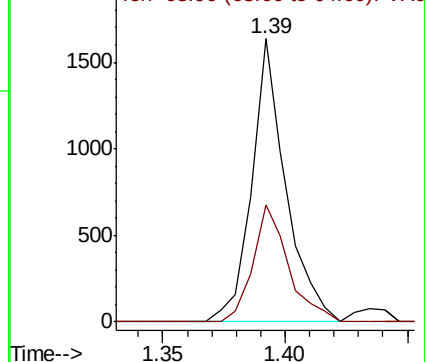
62 100

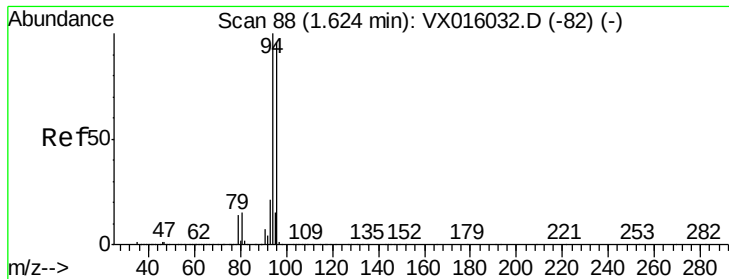
64 41.3 25.7 38.5#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 0.671 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

Instrument :

MSVOA\_X

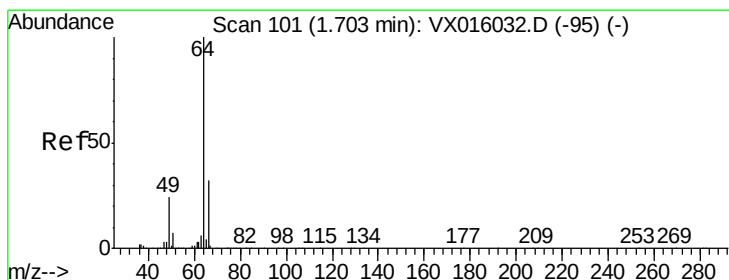
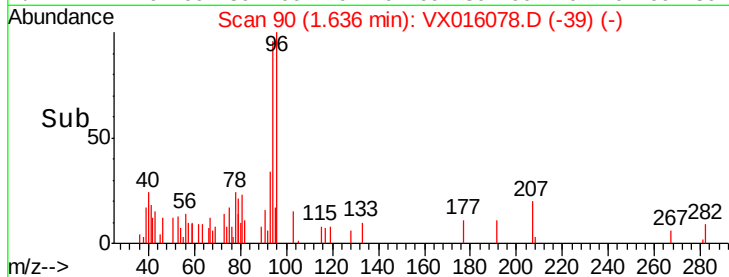
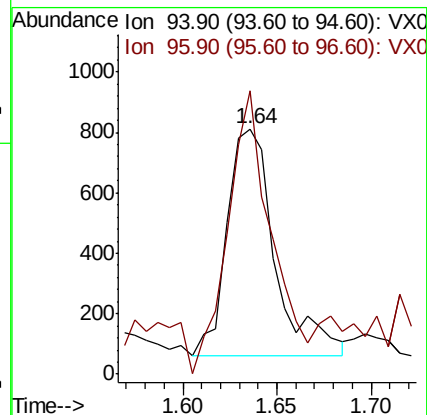
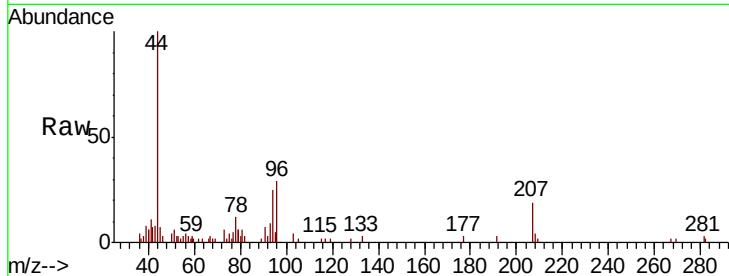
ClientSampled :

Tot Ion: 94 Resp: 1342

Ion Ratio Lower Upper

94 100

96 124.4 76.9 115.3#



#6

Chloroethane

Concen: 0.452 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016078.D

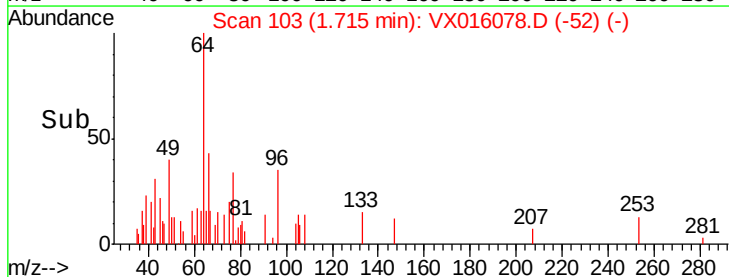
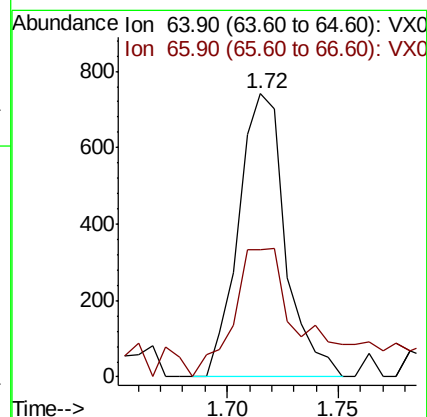
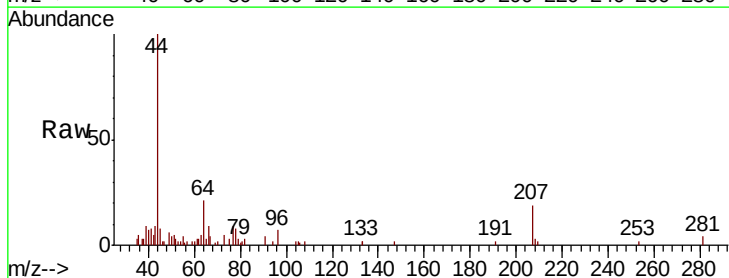
Acq: 06 May 2020 13:05

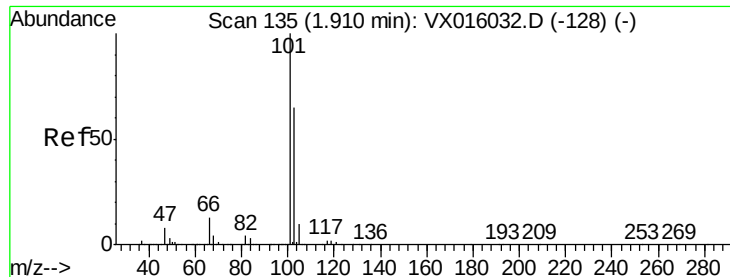
Tgt Ion: 64 Resp: 1091

Ion Ratio Lower Upper

64 100

66 44.8 25.2 37.8#



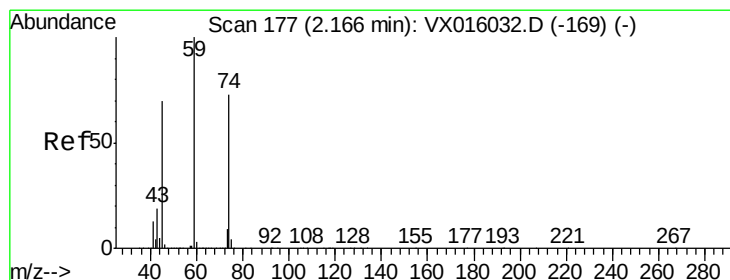
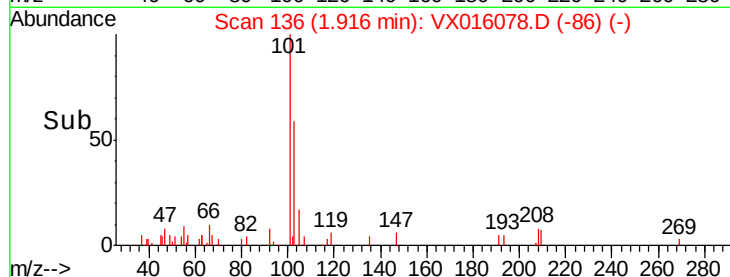
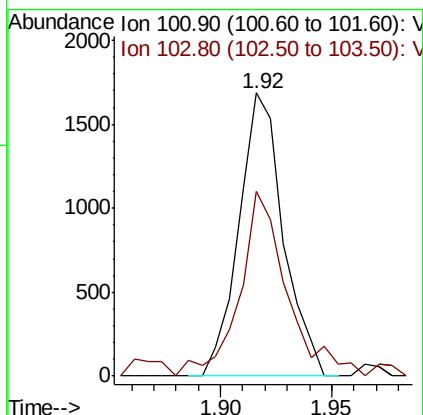
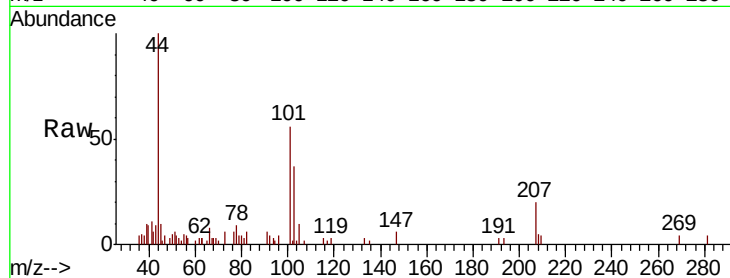


#7

Trichlorofluoromethane  
 Concen: 0.450 ug/l  
 RT: 1.92 min Scan# 136  
 Delta R.T. 0.01 min  
 Lab File: VX016078.D  
 Acq: 06 May 2020 13:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :

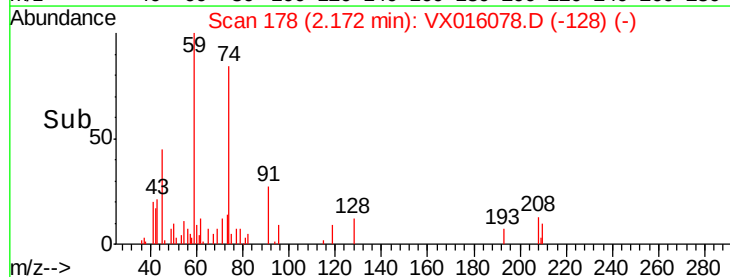
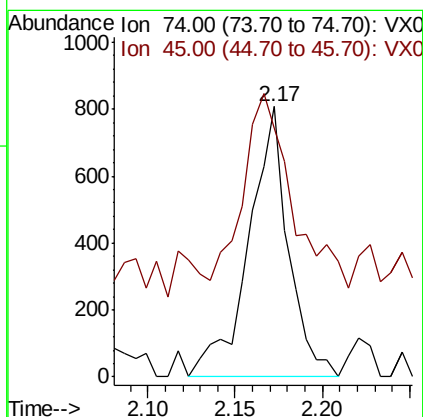
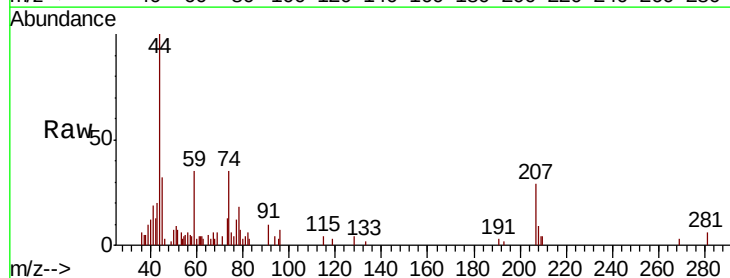
Tot Ion:101 Resp: 2343  
 Ion Ratio Lower Upper  
 101 100  
 103 61.1 51.8 77.6



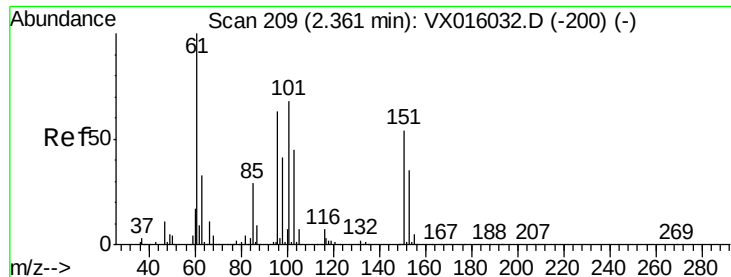
#8

Diethyl Ether  
 Concen: 0.584 ug/l  
 RT: 2.17 min Scan# 178  
 Delta R.T. 0.01 min  
 Lab File: VX016078.D  
 Acq: 06 May 2020 13:05

Tgt Ion: 74 Resp: 1281  
 Ion Ratio Lower Upper  
 74 100  
 45 86.9 47.3 142.0







#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.478 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

Instrument :

MSVOA\_X

ClientSampleId :

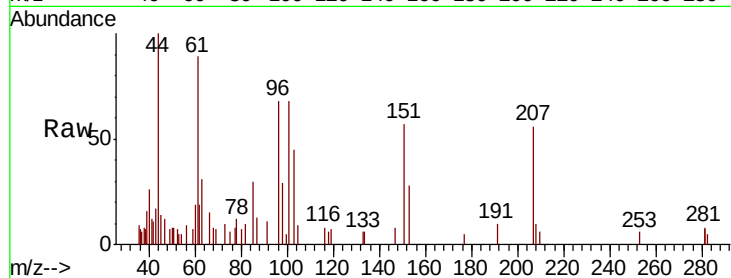
Tot Ion:101 Resp: 1436

Ion Ratio Lower Upper

101 100

85 50.6 34.2 51.4

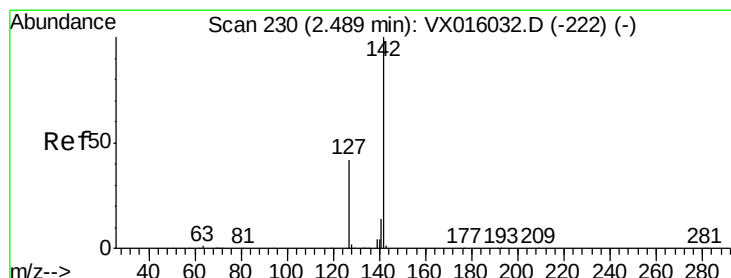
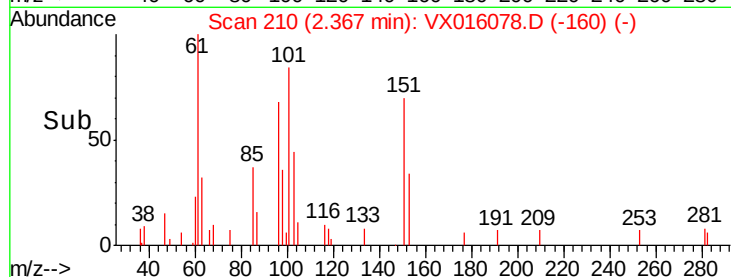
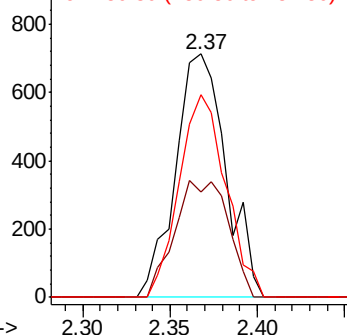
151 76.8 62.1 93.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.388 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

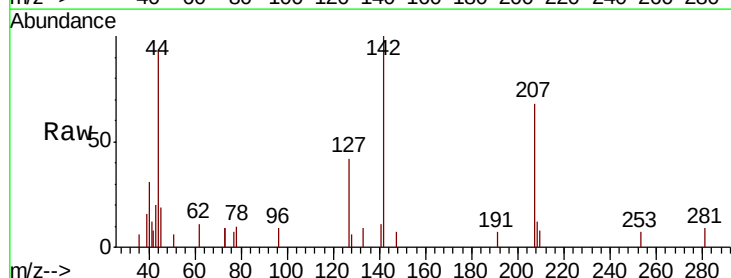
Tgt Ion:142 Resp: 1564

Ion Ratio Lower Upper

142 100

127 46.2 34.6 52.0

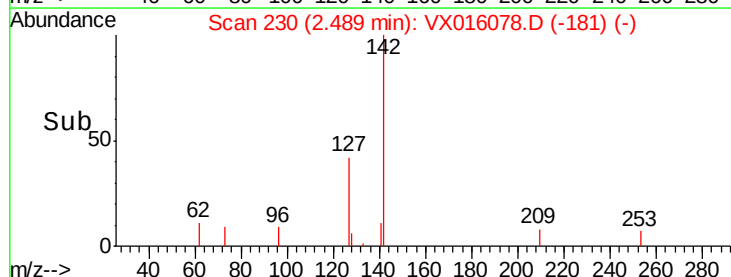
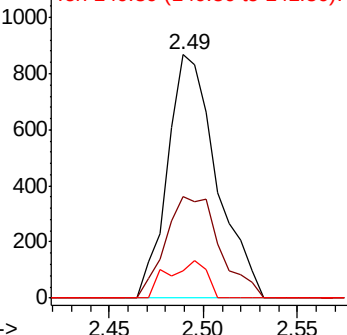
141 12.0 11.3 16.9

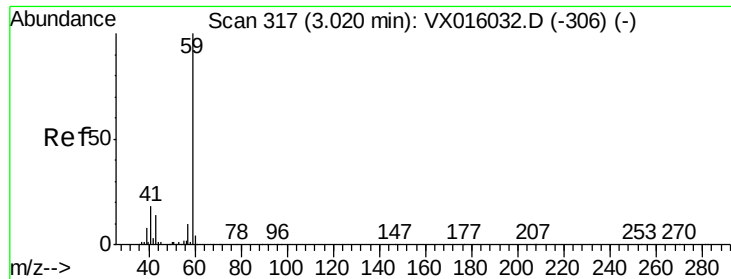


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



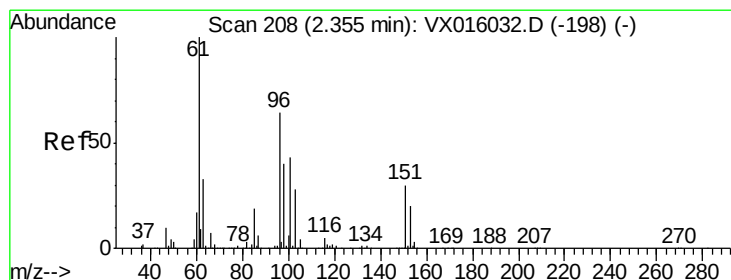
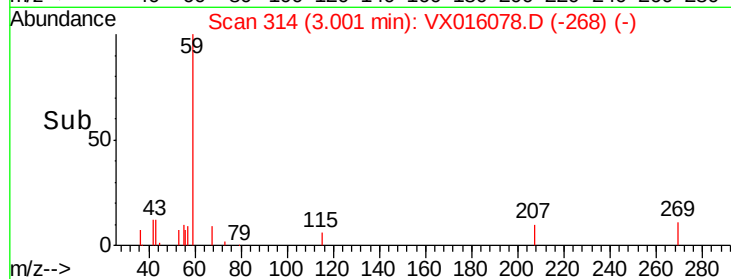
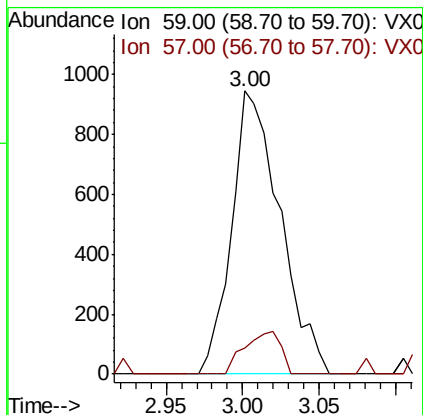
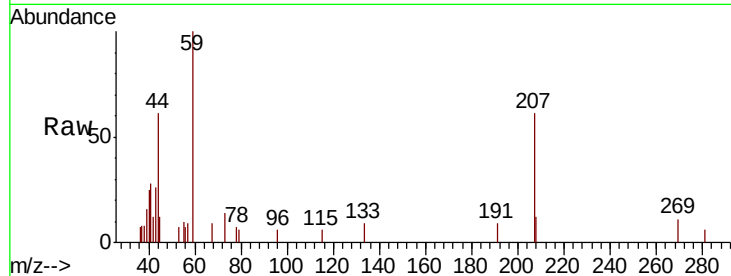


#11

Tert butyl alcohol  
Concen: 2.070 ug/l  
RT: 3.00 min Scan# 314  
Delta R.T. -0.02 min  
Lab File: VX016078.D  
Acq: 06 May 2020 13:05

Instrument :  
MSVOA\_X  
ClientSampled :

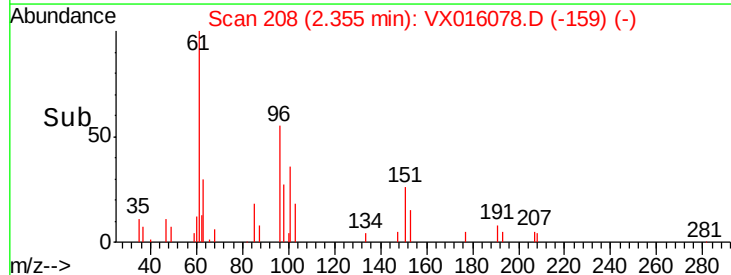
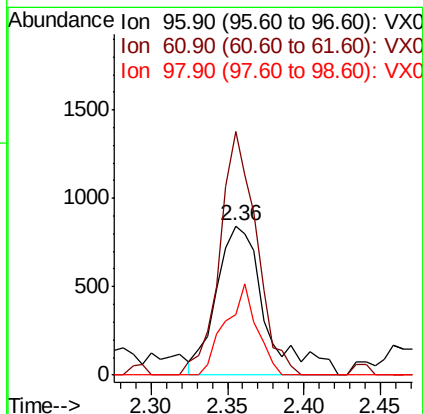
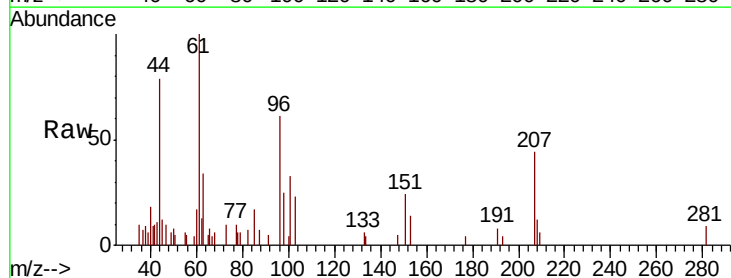
Tot Ion: 59 Resp: 2082  
Ion Ratio Lower Upper  
59 100  
57 11.3 8.2 12.4

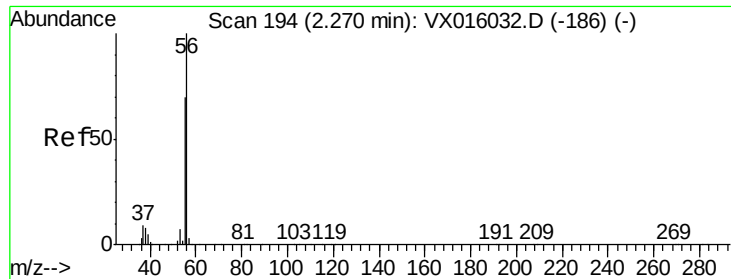


#12

1,1-Dichloroethene  
Concen: 0.591 ug/l  
RT: 2.36 min Scan# 208  
Delta R.T. -0.00 min  
Lab File: VX016078.D  
Acq: 06 May 2020 13:05

Tgt Ion: 96 Resp: 1858  
Ion Ratio Lower Upper  
96 100  
61 163.2 124.8 187.2  
98 40.9 49.7 74.5#





#13

Acrolein

Concen: 2.994 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

Instrument :

MSVOA\_X

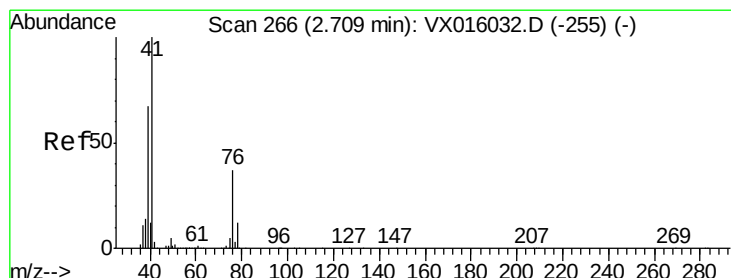
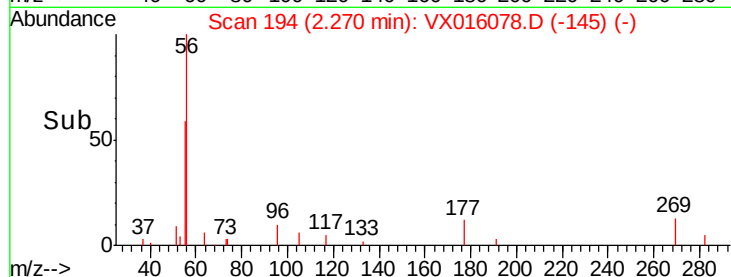
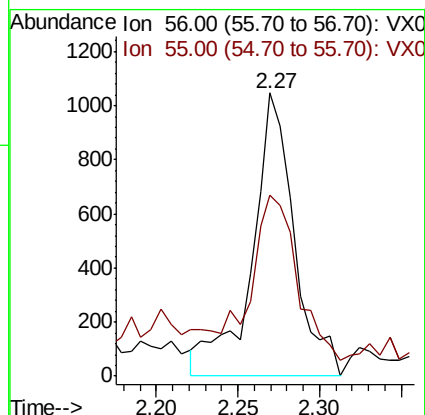
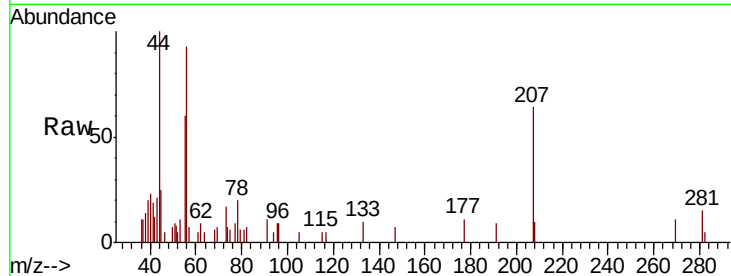
ClientSampleId :

Tot Ion: 56 Resp: 1885

Ion Ratio Lower Upper

56 100

55 62.3 56.5 84.7



#14

Allyl chloride

Concen: 0.392 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

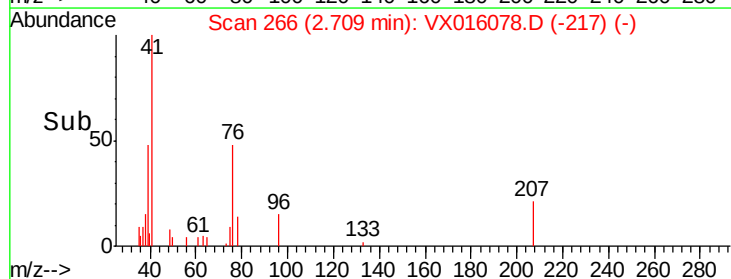
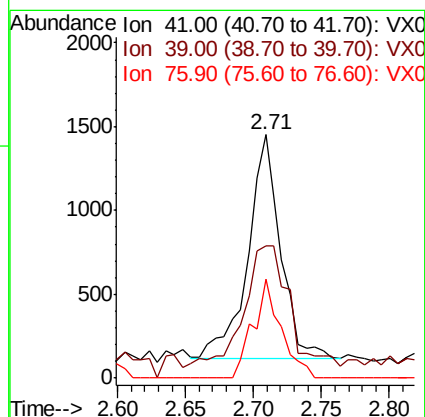
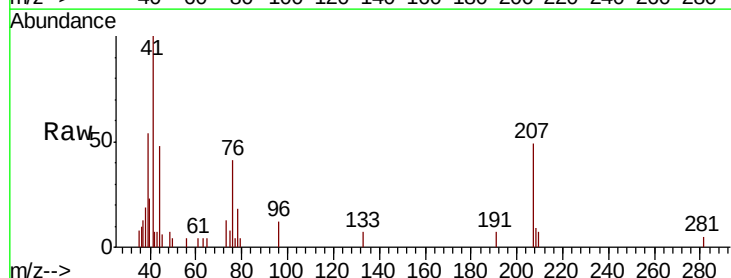
Tgt Ion: 41 Resp: 2256

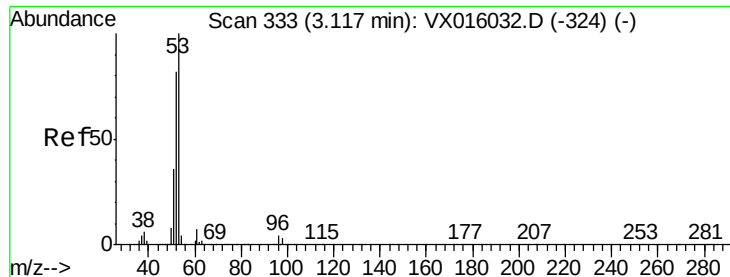
Ion Ratio Lower Upper

41 100

39 78.1 50.5 75.7#

76 37.5 26.6 40.0





#15

Acrylonitrile

Concen: 2.193 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

Instrument :

MSVOA\_X

ClientSampled :

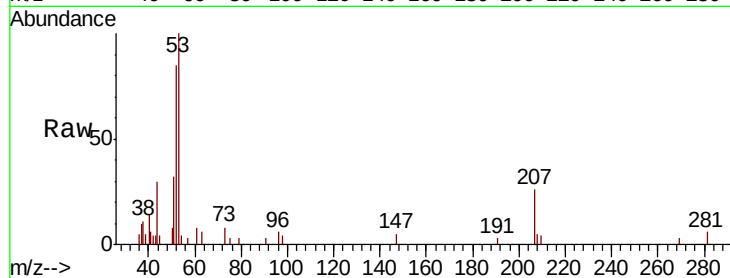
Tot Ion: 53 Resp: 4577

Ion Ratio Lower Upper

53 100

52 80.5 66.1 99.1

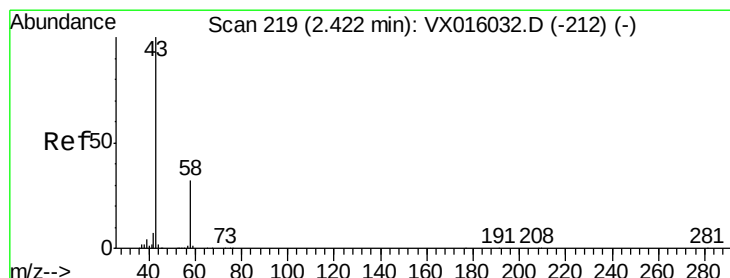
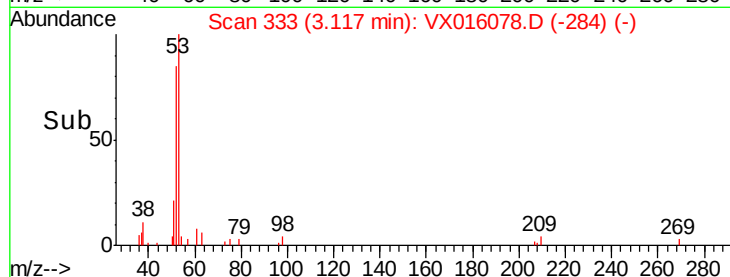
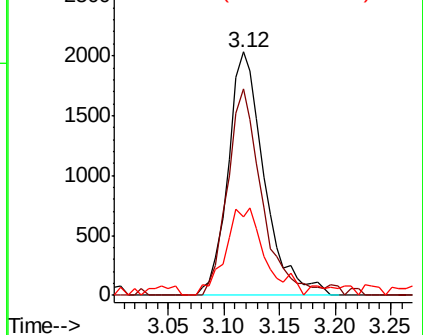
51 39.1 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 2.372 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016078.D

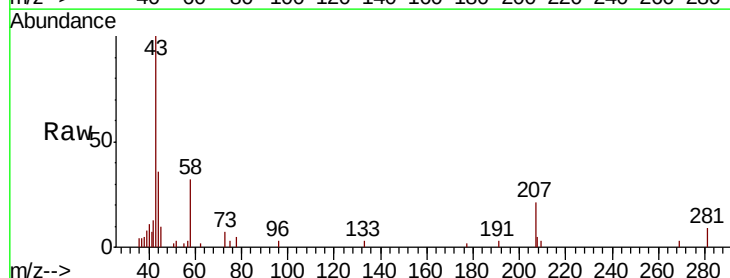
Acq: 06 May 2020 13:05

Tgt Ion: 43 Resp: 4211

Ion Ratio Lower Upper

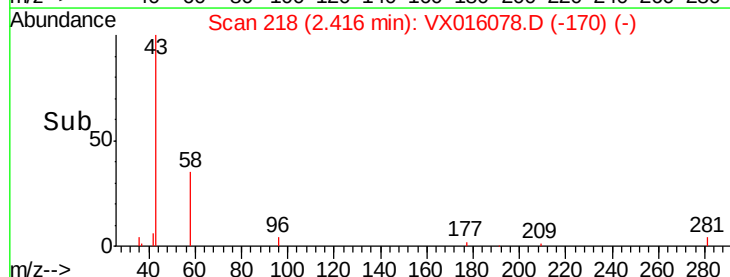
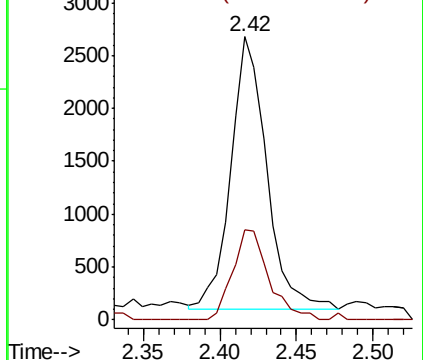
43 100

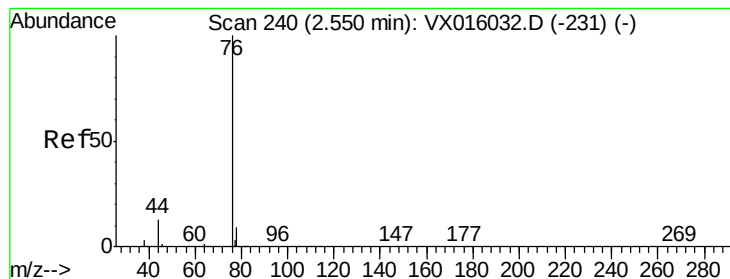
58 33.1 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.592 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

Instrument :

MSVOA\_X

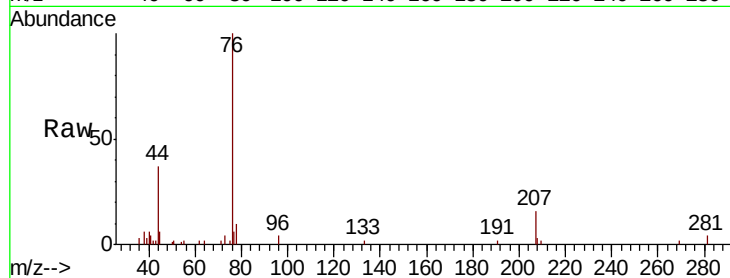
ClientSampleId :

Tot Ion: 76 Resp: 6334

Ion Ratio Lower Upper

76 100

78 7.9 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

4000

3000

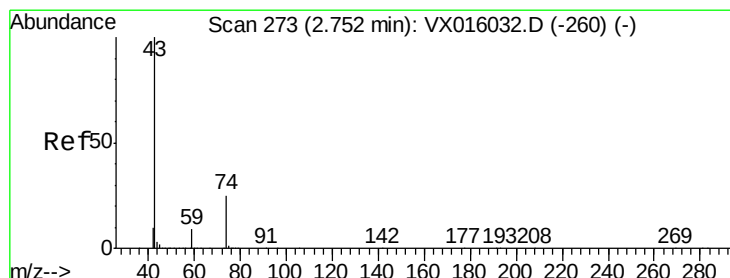
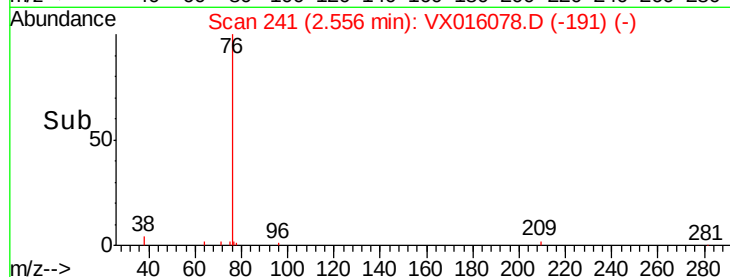
2000

1000

0

Time-->

2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 0.465 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016078.D

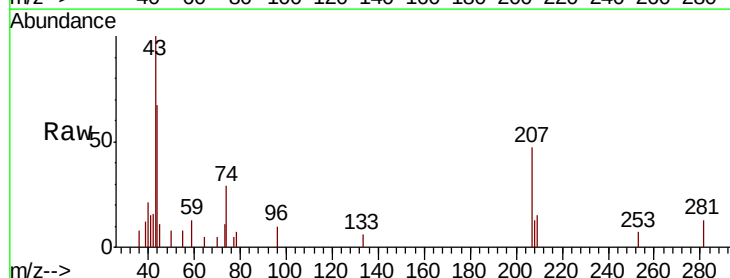
Acq: 06 May 2020 13:05

Tgt Ion: 43 Resp: 2028

Ion Ratio Lower Upper

43 100

74 33.8 20.2 30.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

1200

1000

800

600

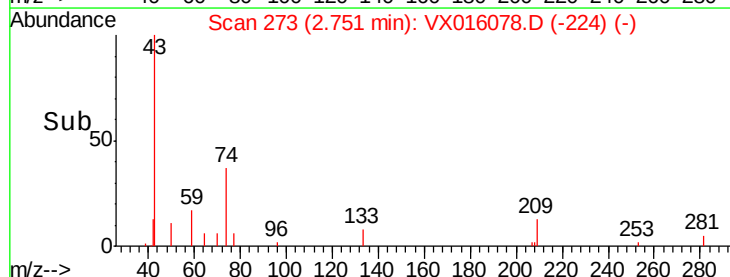
400

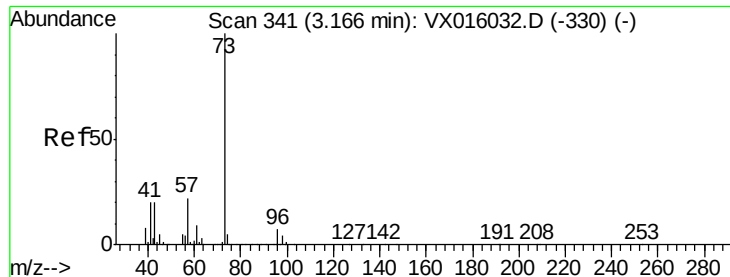
200

0

Time-->

2.65 2.70 2.75 2.80





#19

Methyl tert-butyl Ether

Concen: 0.415 ug/l

RT: 3.17 min Scan# 342

Delta R.T. 0.01 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

Instrument :

MSVOA\_X

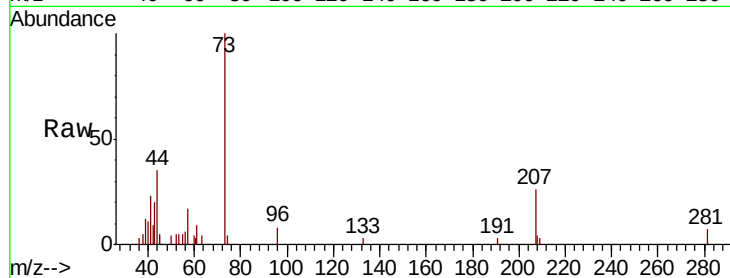
ClientSampled :

Tot Ion: 73 Resp: 4500

Ion Ratio Lower Upper

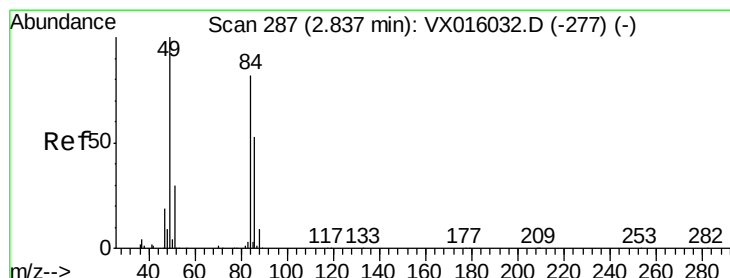
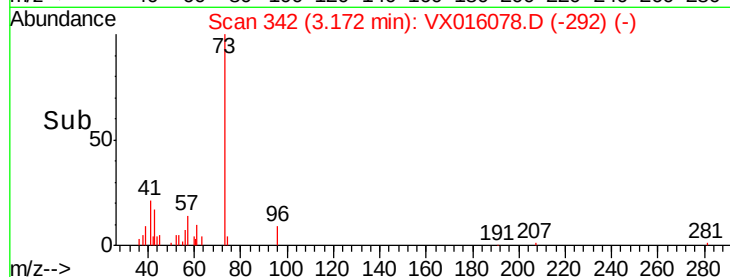
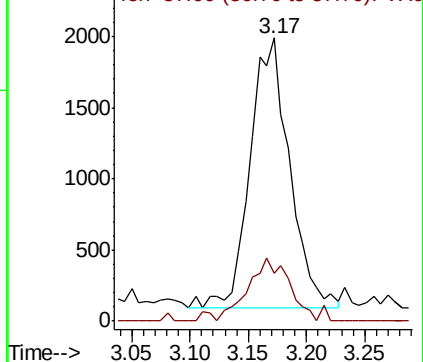
73 100

57 17.6 17.8 26.6#



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 0.537 ug/l

RT: 2.84 min Scan# 287

Delta R.T. -0.00 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

Tgt Ion: 84 Resp: 1966

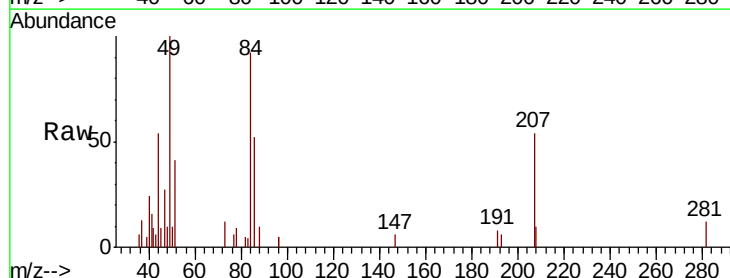
Ion Ratio Lower Upper

84 100

49 108.7 97.3 145.9

51 44.5 29.3 43.9#

86 56.3 51.3 76.9

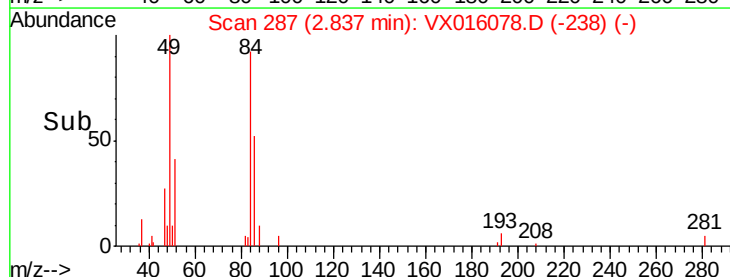
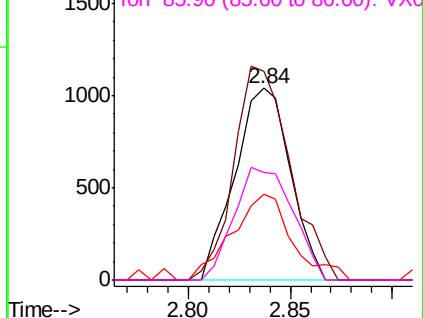


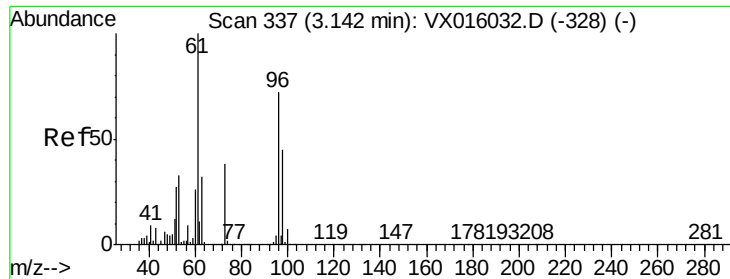
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.513 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

Instrument :

MSVOA\_X

ClientSampled :

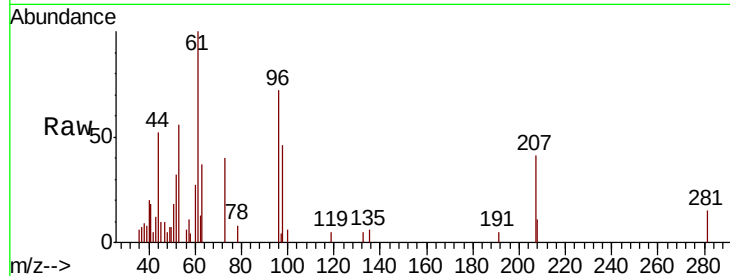
Tot Ion: 96 Resp: 1797

Ion Ratio Lower Upper

96 100

61 150.2 111.2 166.8

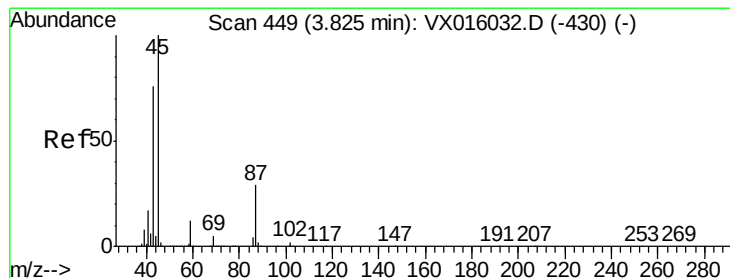
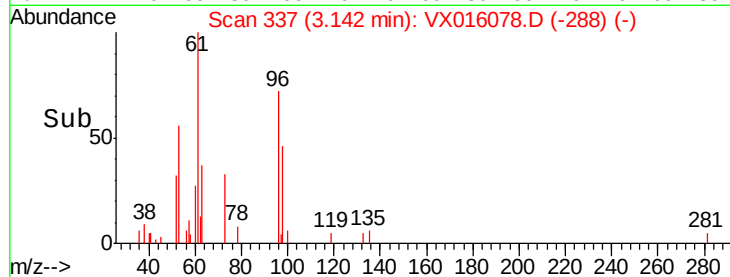
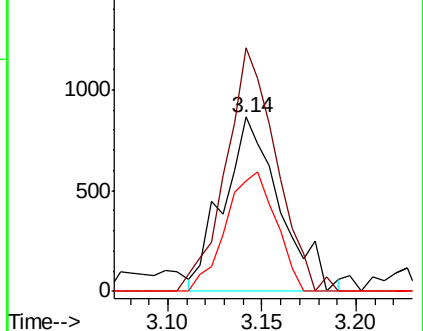
98 68.4 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 0.409 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

Tgt Ion: 45 Resp: 4447

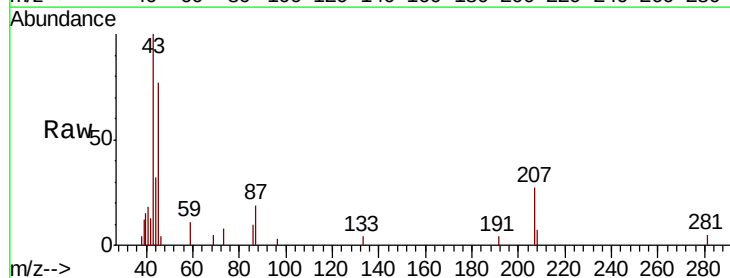
Ion Ratio Lower Upper

45 100

43 119.8 61.1 91.7#

87 24.5 23.0 34.6

59 14.4 9.8 14.6

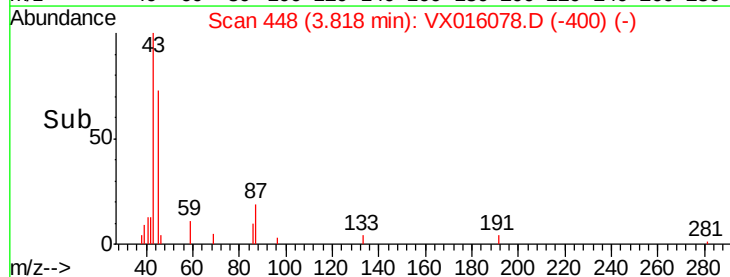
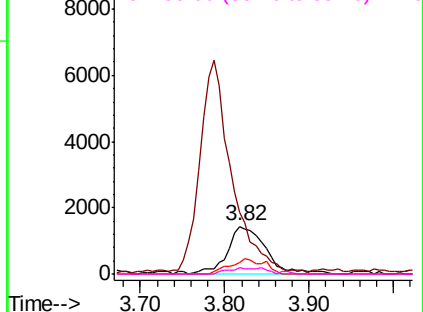


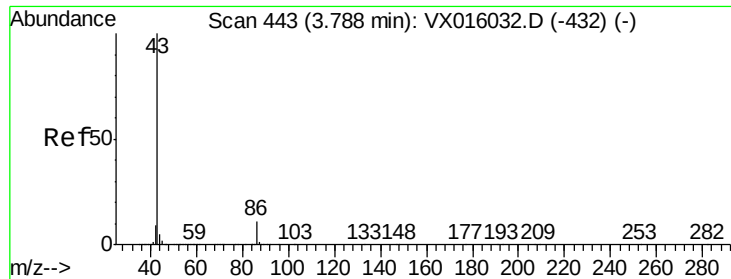
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

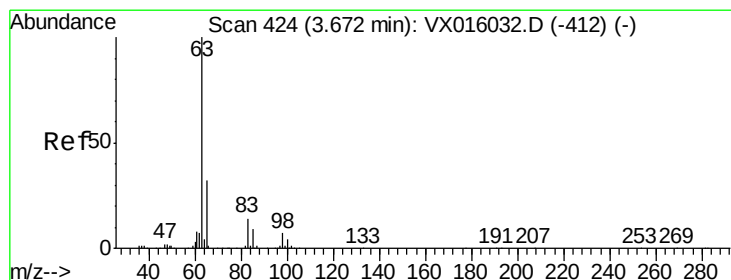
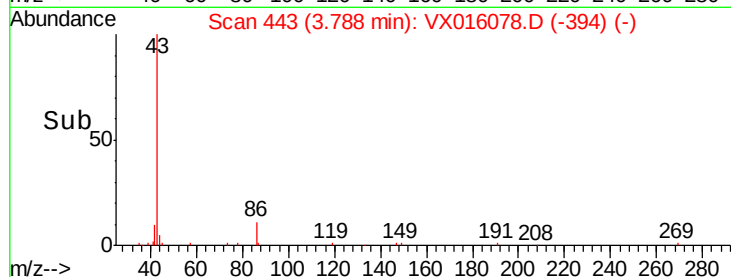
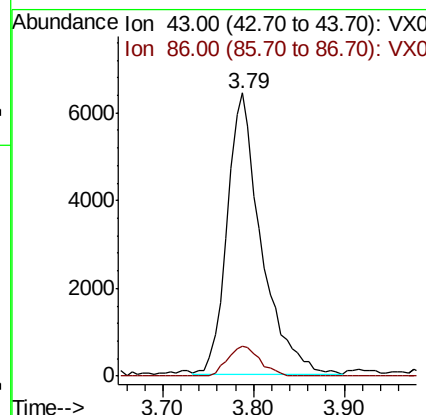
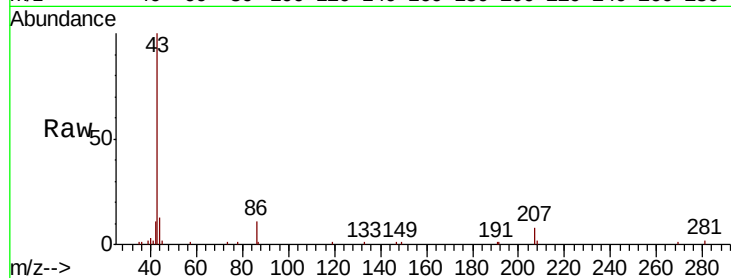




#23  
 Vinyl Acetate  
 Concen: 1.740 ug/l  
 RT: 3.79 min Scan# 443  
 Delta R.T. -0.00 min  
 Lab File: VX016078.D  
 Acq: 06 May 2020 13:05

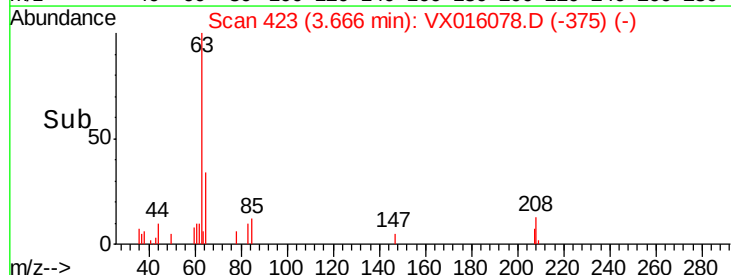
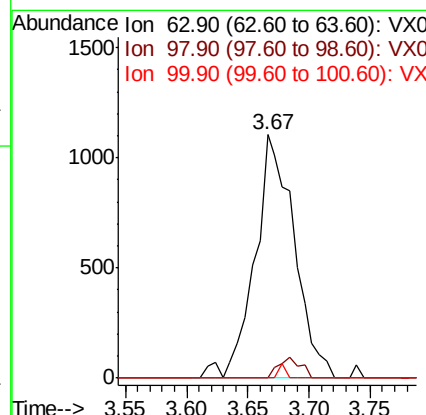
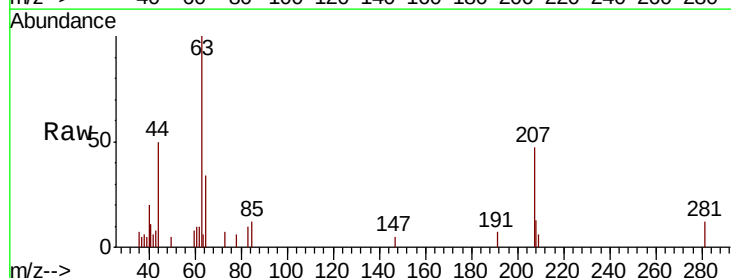
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tot Ion: 43 Resp: 16637  
 Ion Ratio Lower Upper  
 43 100  
 86 10.8 9.0 13.4

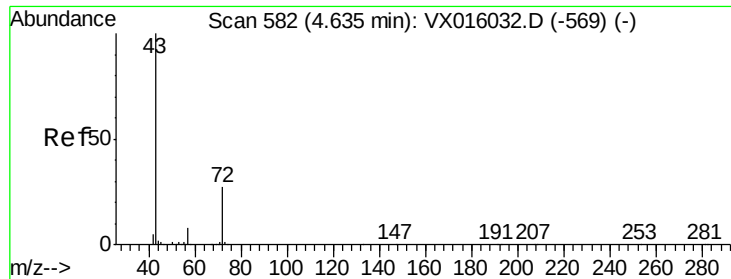


#24  
 1,1-Dichloroethane  
 Concen: 0.408 ug/l  
 RT: 3.67 min Scan# 423  
 Delta R.T. -0.01 min  
 Lab File: VX016078.D  
 Acq: 06 May 2020 13:05

Tgt Ion: 63 Resp: 2483  
 Ion Ratio Lower Upper  
 63 100  
 98 0.0 3.5 10.5#  
 100 0.0 2.1 6.5#







#25

2-Butanone

Concen: 2.099 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

Instrument :

MSVOA\_X

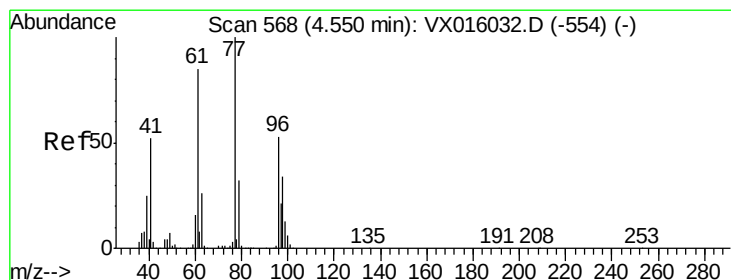
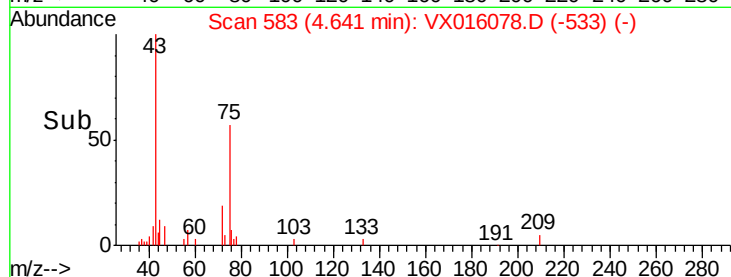
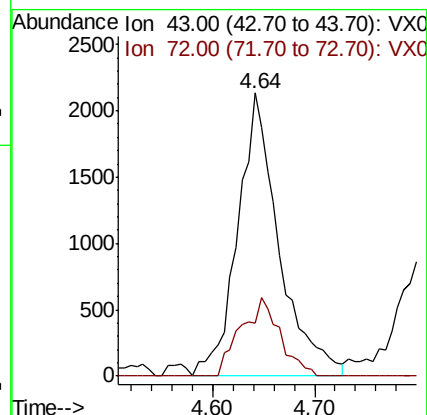
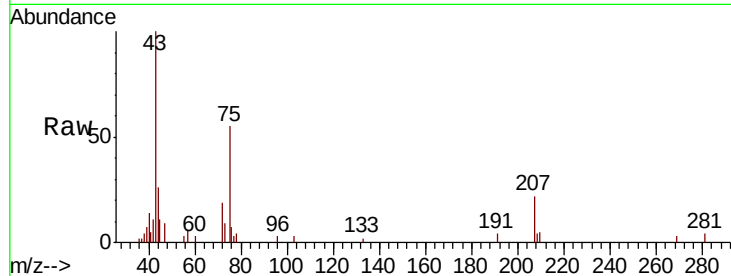
ClientSampled :

Tot Ion: 43 Resp: 6003

Ion Ratio Lower Upper

43 100

72 18.7 21.8 32.8#



#26

2,2-Dichloropropane

Concen: 0.412 ug/l

RT: 4.54 min Scan# 566

Delta R.T. -0.01 min

Lab File: VX016078.D

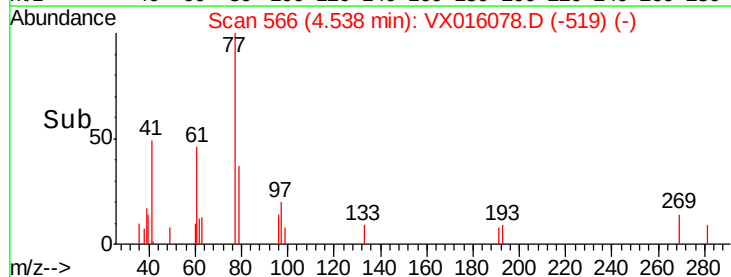
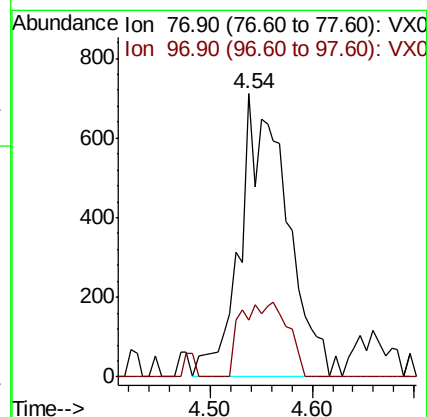
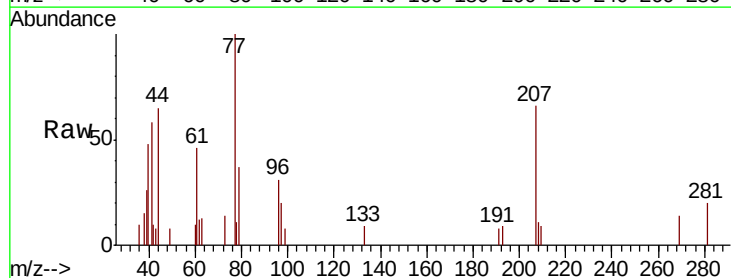
Acq: 06 May 2020 13:05

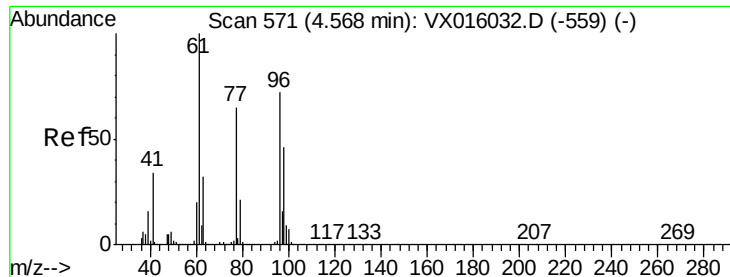
Tgt Ion: 77 Resp: 2287

Ion Ratio Lower Upper

77 100

97 0.0 11.2 33.6#



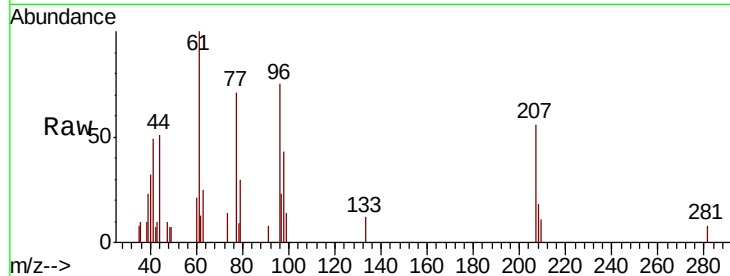


#27

cis-1,2-Dichloroethene  
Concen: 0.606 ug/l  
RT: 4.56 min Scan# 570  
Delta R.T. -0.01 min  
Lab File: VX016078.D  
Acq: 06 May 2020 13:05

Instrument :  
MSVOA\_X  
ClientSampled :

| Tot Ion | 96    | Resp: | 2321  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 96      | 100   |       |       |
| 61      | 102.8 | 0.0   | 296.2 |
| 98      | 44.6  | 0.0   | 129.4 |

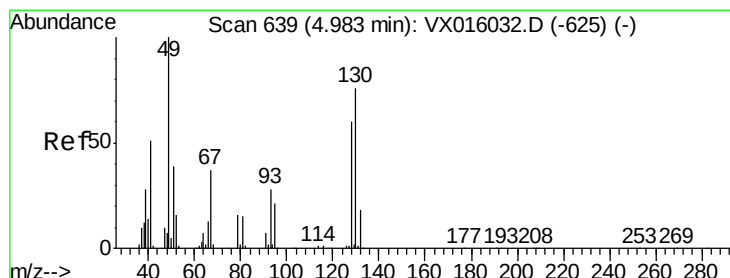
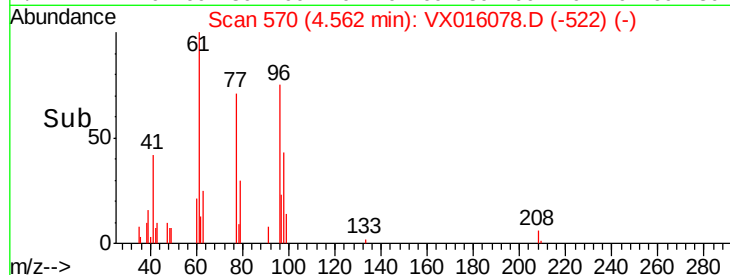
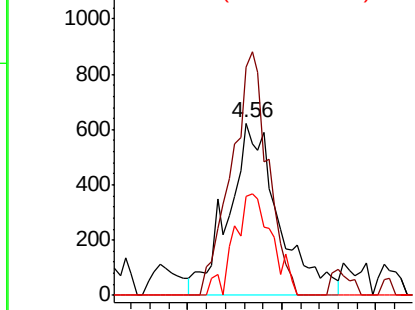


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

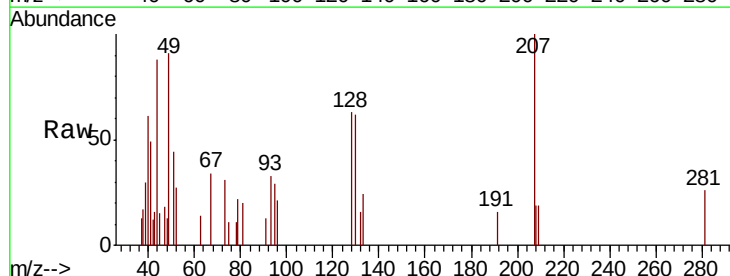
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane  
Concen: 0.517 ug/l  
RT: 4.99 min Scan# 640  
Delta R.T. 0.01 min  
Lab File: VX016078.D  
Acq: 06 May 2020 13:05

| Tgt Ion | 49    | Resp: | 1434  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 49      | 100   |       |       |
| 129     | 0.0   | 0.0   | 4.0   |
| 130     | 66.2  | 62.4  | 93.6  |

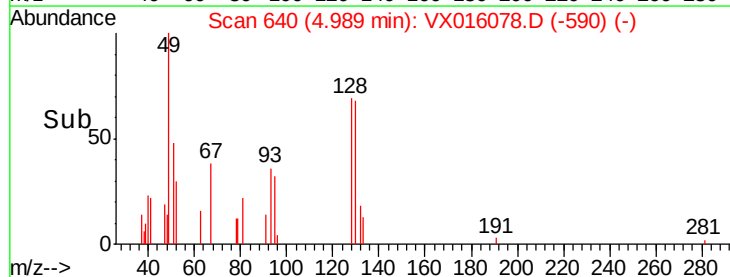
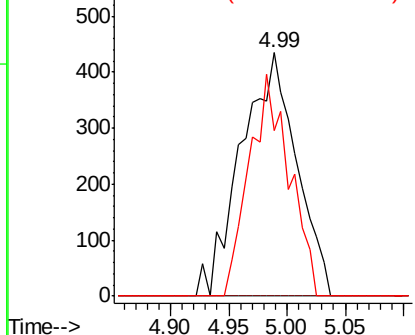


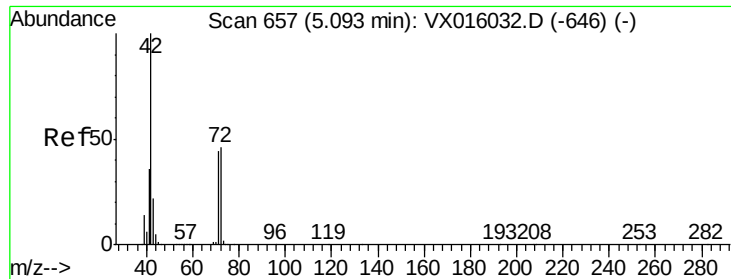
Abundance

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

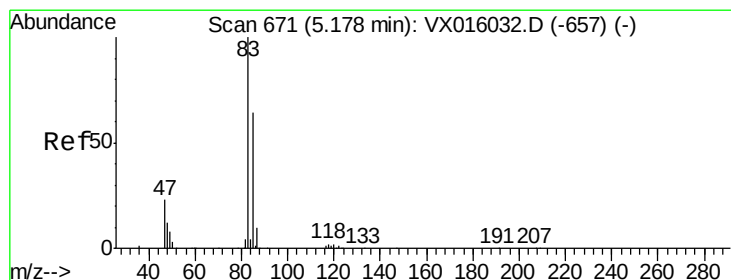
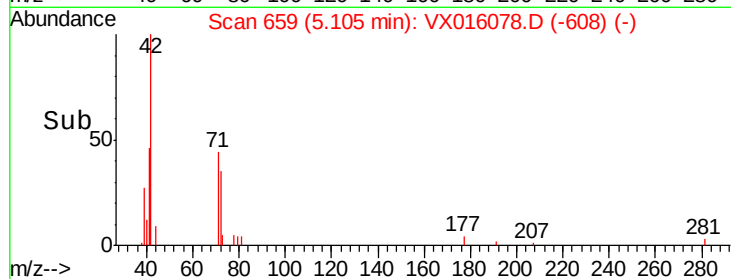
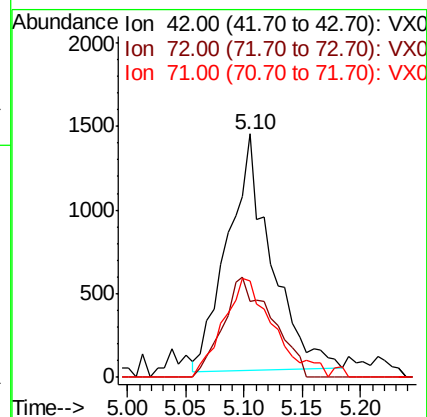
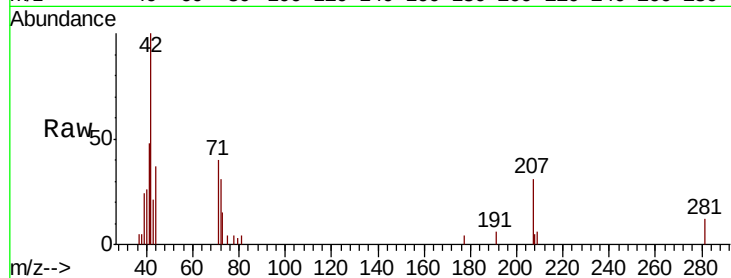




#29  
Tetrahydrofuran  
Concen: 1.917 ug/l  
RT: 5.10 min Scan# 659  
Delta R.T. 0.01 min  
Lab File: VX016078.D  
Acq: 06 May 2020 13:05

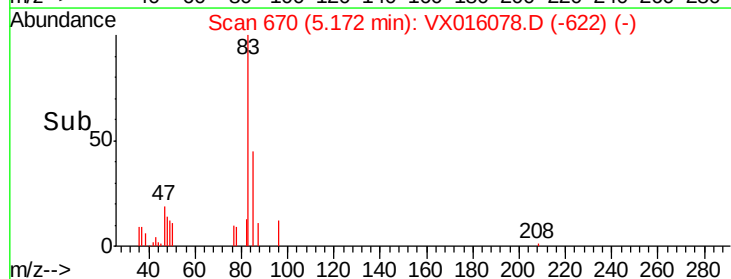
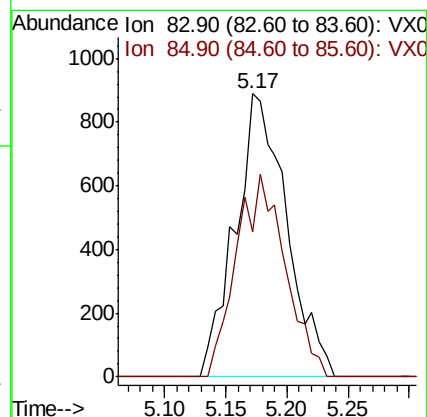
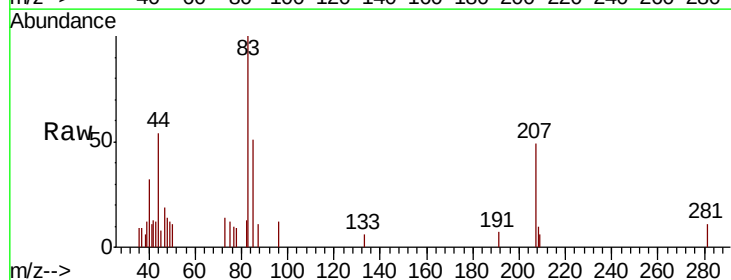
Instrument :  
MSVOA\_X  
ClientSampleId :

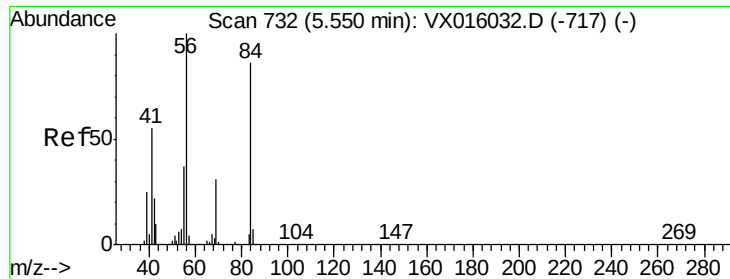
Tot Ion: 42 Resp: 3633  
Ion Ratio Lower Upper  
42 100  
72 47.9 37.1 55.7  
71 48.8 34.5 51.7



#30  
Chloroform  
Concen: 0.428 ug/l  
RT: 5.17 min Scan# 670  
Delta R.T. -0.01 min  
Lab File: VX016078.D  
Acq: 06 May 2020 13:05

Tgt Ion: 83 Resp: 2591  
Ion Ratio Lower Upper  
83 100  
85 51.2 51.6 77.4#

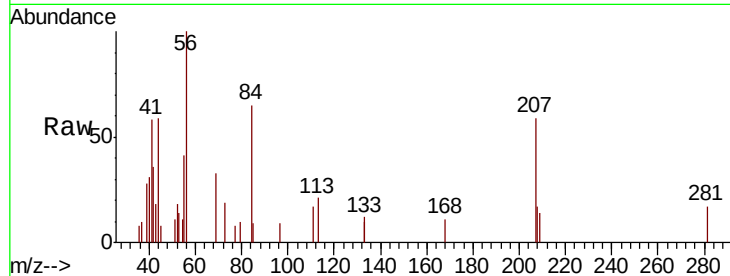




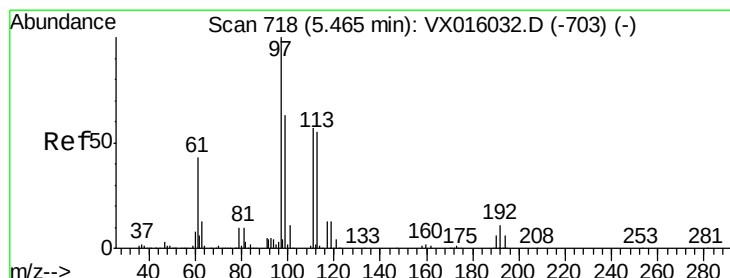
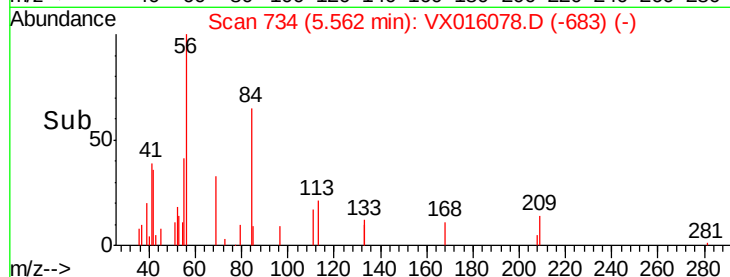
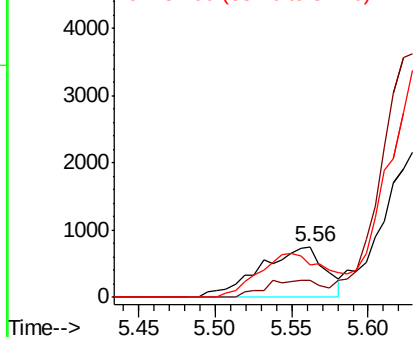
#31  
Cyclohexane  
Concen: 0.401 ug/l  
RT: 5.56 min Scan# 734  
Delta R.T. 0.01 min  
Lab File: VX016078.D  
Acq: 06 May 2020 13:05

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 56 Resp: 2214  
Ion Ratio Lower Upper  
56 100  
69 32.5 25.0 37.6  
84 65.2 69.0 103.6#

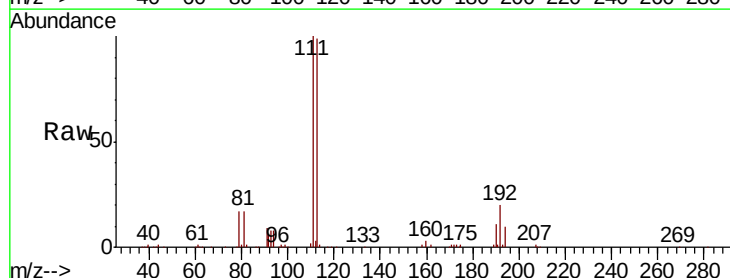


Abundance Ion 56.00 (55.70 to 56.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 84.00 (83.70 to 84.70): VX0

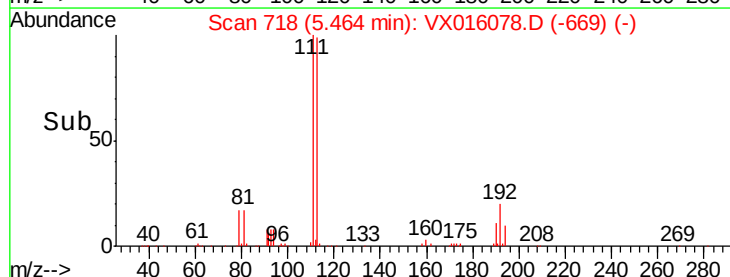
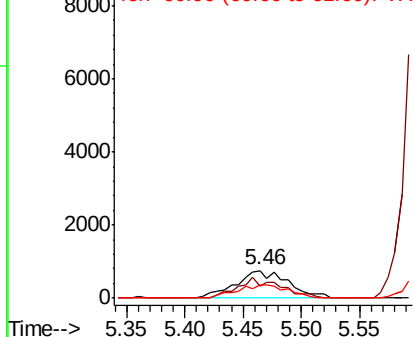


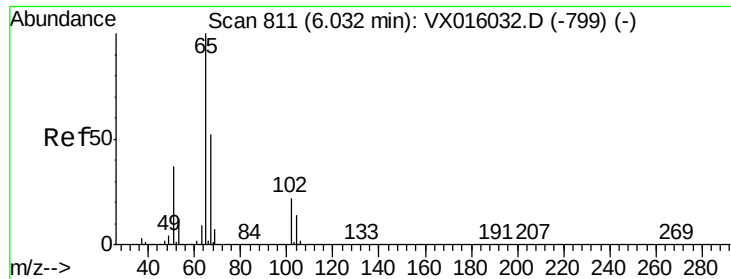
#32  
1,1,1-Trichloroethane  
Concen: 0.432 ug/l  
RT: 5.46 min Scan# 718  
Delta R.T. -0.00 min  
Lab File: VX016078.D  
Acq: 06 May 2020 13:05

Tgt Ion: 97 Resp: 2379  
Ion Ratio Lower Upper  
97 100  
99 0.0 51.0 76.4#  
61 45.6 34.5 51.7



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

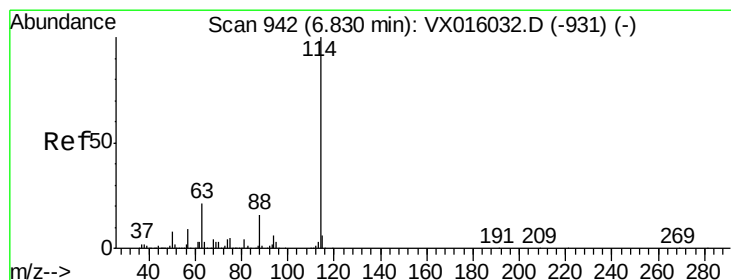
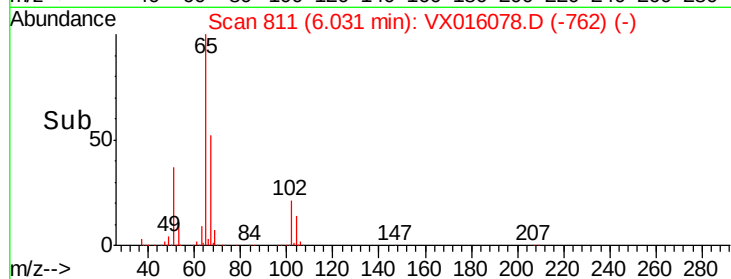
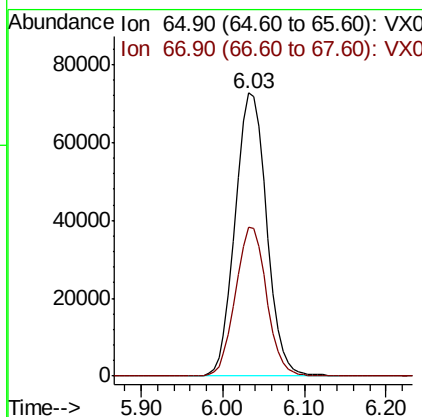
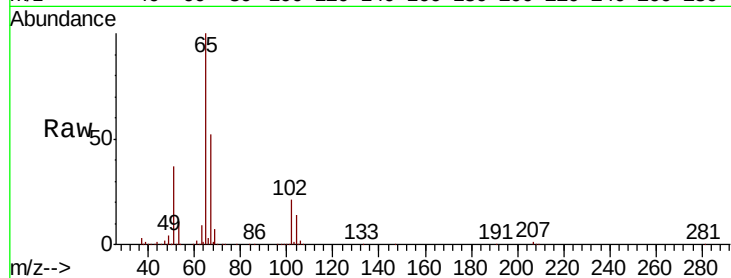




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.902 ug/l  
 RT: 6.03 min Scan# 811  
 Delta R.T. -0.00 min  
 Lab File: VX016078.D  
 Acq: 06 May 2020 13:05

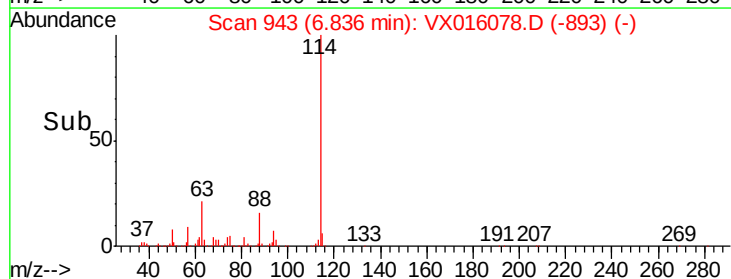
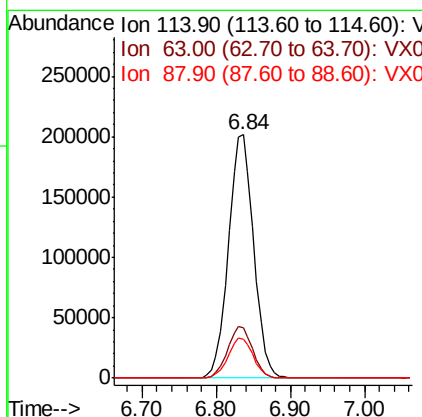
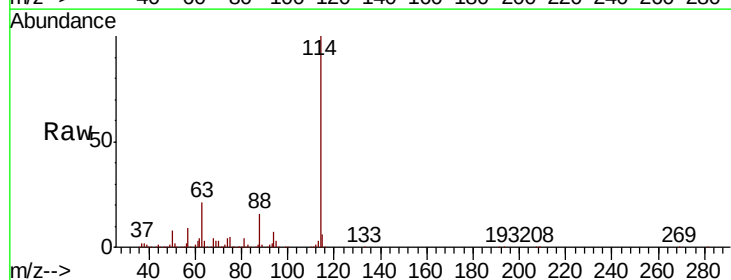
Instrument :  
 MSVOA\_X  
 ClientSampleId :

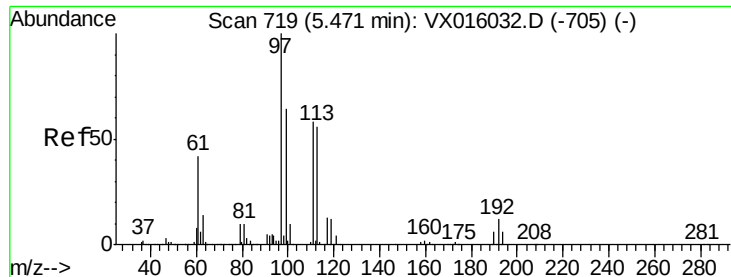
Tot Ion: 65 Resp: 194542  
 Ion Ratio Lower Upper  
 65 100  
 67 52.0 0.0 104.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.84 min Scan# 943  
 Delta R.T. 0.01 min  
 Lab File: VX016078.D  
 Acq: 06 May 2020 13:05

Tgt Ion: 114 Resp: 476750  
 Ion Ratio Lower Upper  
 114 100  
 63 20.8 0.0 42.8  
 88 16.1 0.0 31.4

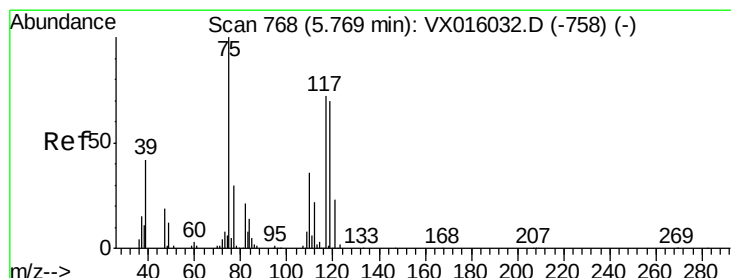
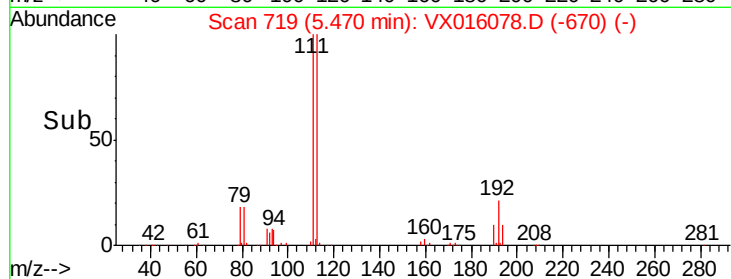
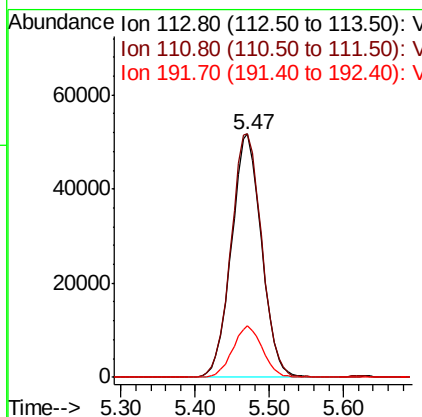
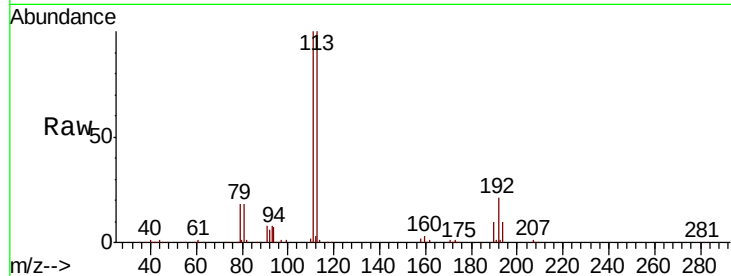




#35  
 Dibromofluoromethane  
 Concen: 48.441 ug/l  
 RT: 5.47 min Scan# 719  
 Delta R.T. -0.00 min  
 Lab File: VX016078.D  
 Acq: 06 May 2020 13:05

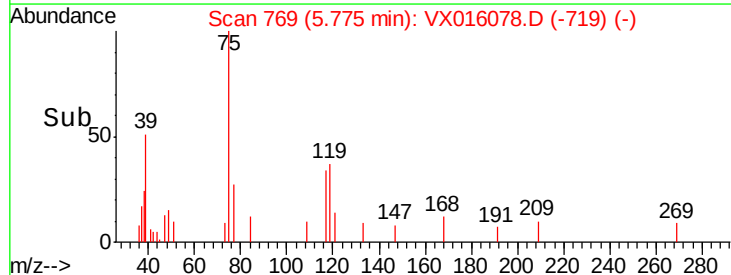
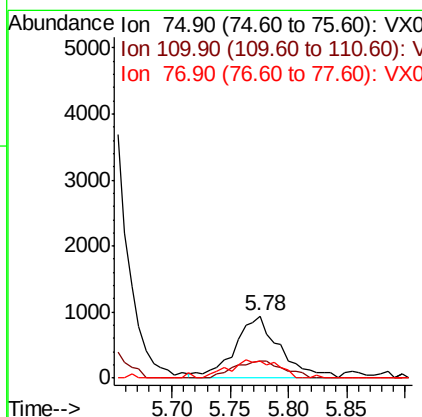
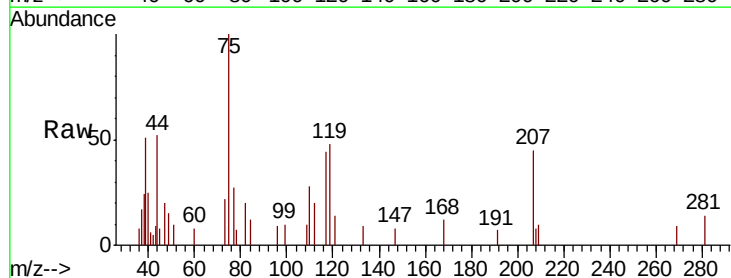
Instrument :  
 MSVOA\_X  
 ClientSampleId :

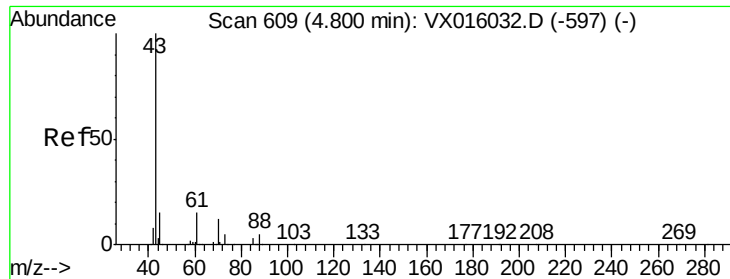
Tot Ion:113 Resp: 146313  
 Ion Ratio Lower Upper  
 113 100  
 111 102.4 81.6 122.4  
 192 21.0 17.0 25.4



#36  
 1,1-Dichloropropene  
 Concen: 0.537 ug/l  
 RT: 5.78 min Scan# 769  
 Delta R.T. 0.01 min  
 Lab File: VX016078.D  
 Acq: 06 May 2020 13:05

Tgt Ion: 75 Resp: 2522  
 Ion Ratio Lower Upper  
 75 100  
 110 30.4 18.1 54.1  
 77 31.0 25.0 37.6

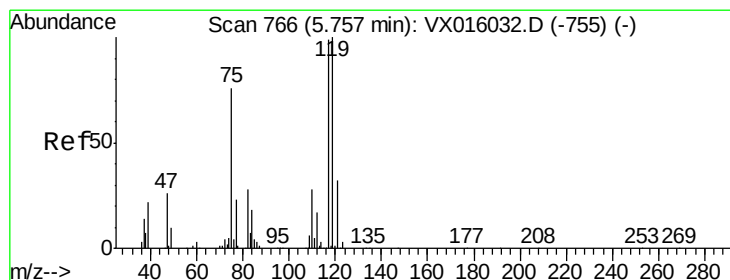
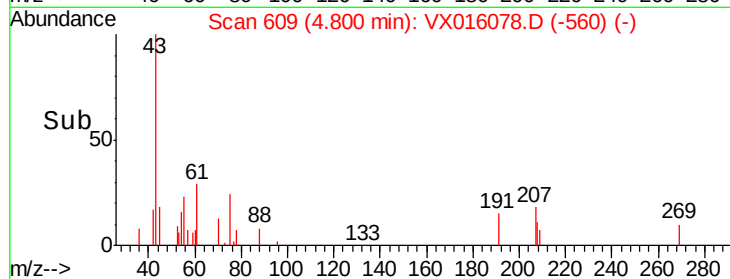
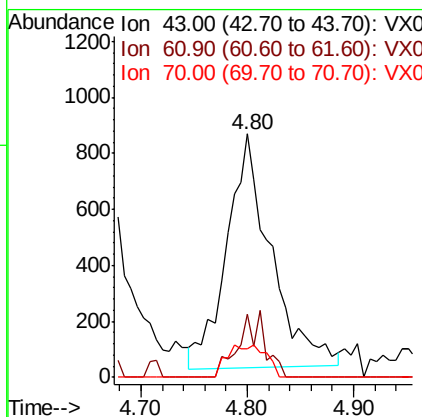
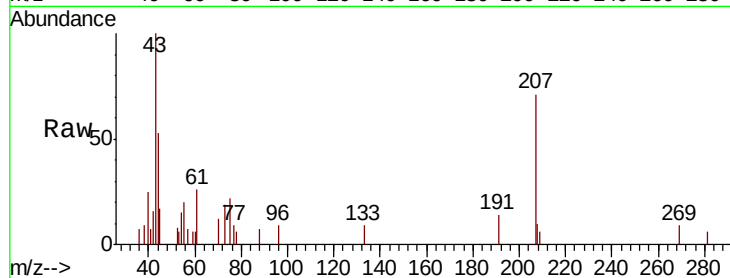




#37  
Ethyl Acetate  
Concen: 0.447 ug/l  
RT: 4.80 min Scan# 609  
Delta R.T. -0.00 min  
Lab File: VX016078.D  
Acq: 06 May 2020 13:05

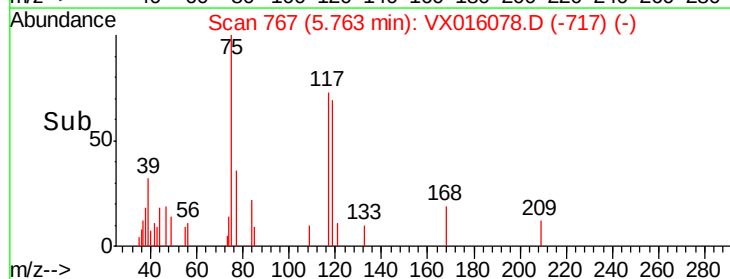
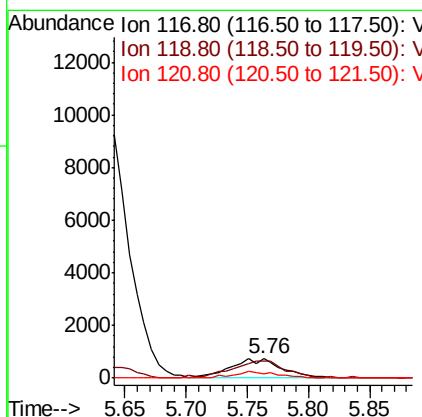
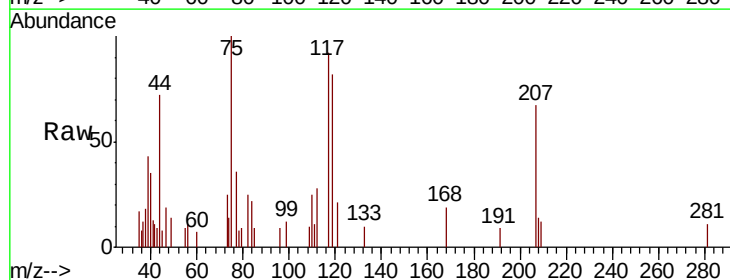
Instrument :  
MSVOA\_X  
ClientSampled :

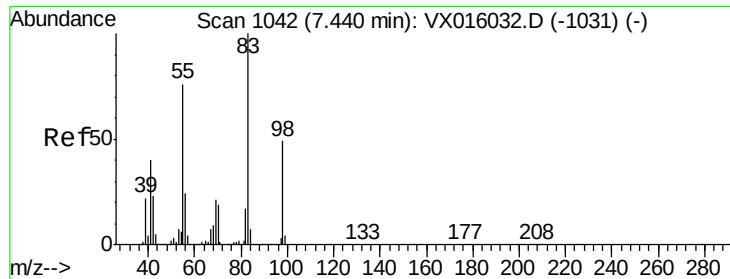
Tot Ion: 43 Resp: 2432  
Ion Ratio Lower Upper  
43 100  
61 16.8 11.7 17.5  
70 0.0 9.3 13.9#



#38  
Carbon Tetrachloride  
Concen: 0.451 ug/l  
RT: 5.76 min Scan# 767  
Delta R.T. 0.01 min  
Lab File: VX016078.D  
Acq: 06 May 2020 13:05

Tgt Ion: 117 Resp: 2153  
Ion Ratio Lower Upper  
117 100  
119 89.5 80.3 120.5  
121 23.1 25.7 38.5#

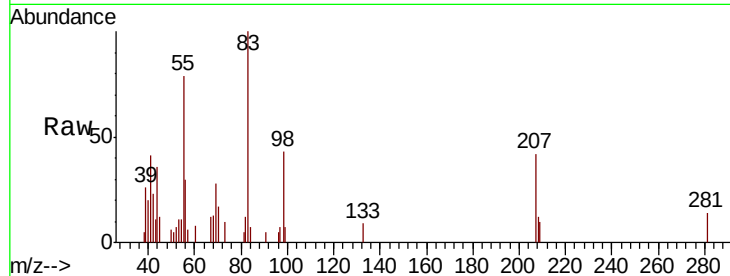




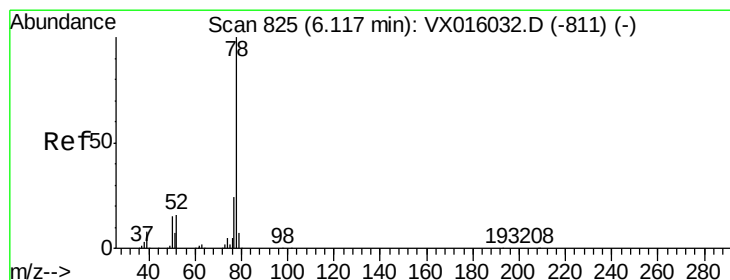
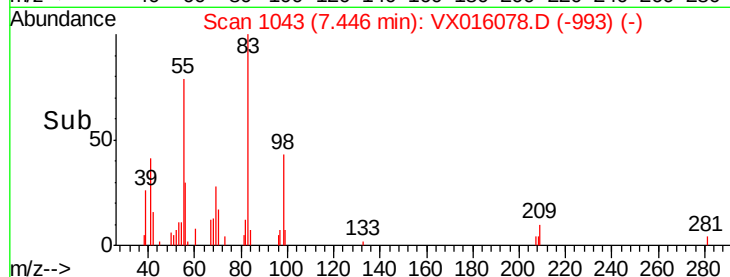
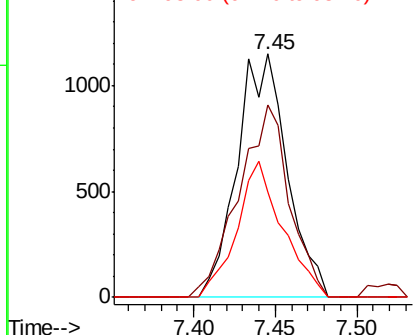
#39  
Methylvlcyclohexane  
Concen: 0.432 ug/l  
RT: 7.45 min Scan# 1043  
Delta R.T. 0.01 min  
Lab File: VX016078.D  
Acq: 06 May 2020 13:05

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 83 Resp: 2444  
Ion Ratio Lower Upper  
83 100  
55 79.3 61.1 91.7  
98 43.1 39.0 58.4

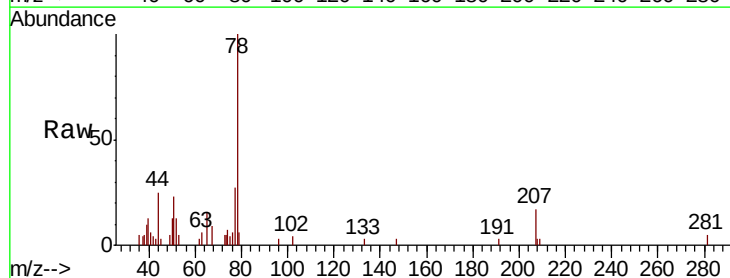


Abundance Ion 83.00 (82.70 to 83.70): VX0  
Ion 55.00 (54.70 to 55.70): VX0  
Ion 98.00 (97.70 to 98.70): VX0

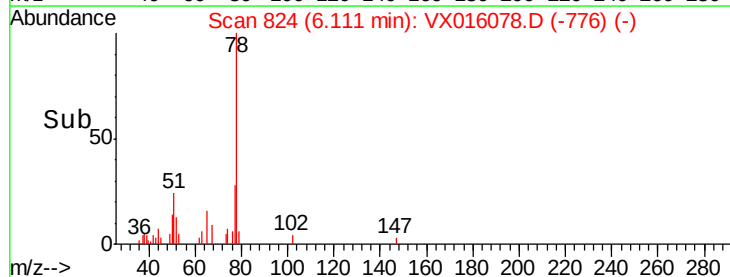
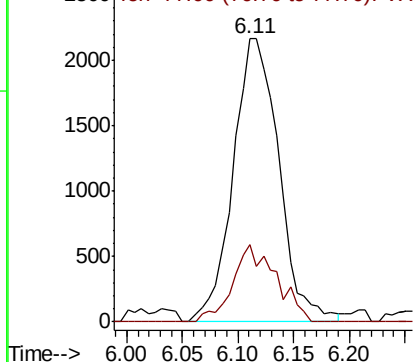


#40  
Benzene  
Concen: 0.451 ug/l  
RT: 6.11 min Scan# 824  
Delta R.T. -0.01 min  
Lab File: VX016078.D  
Acq: 06 May 2020 13:05

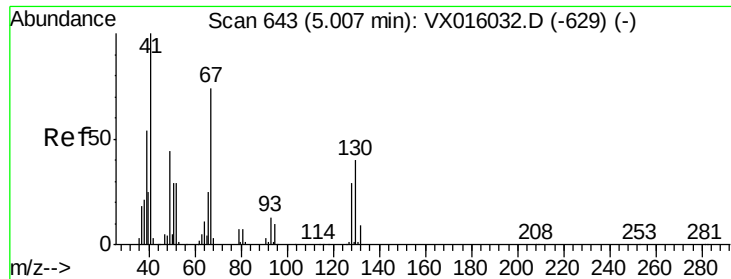
Tgt Ion: 78 Resp: 6188  
Ion Ratio Lower Upper  
78 100  
77 27.4 19.0 28.4



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



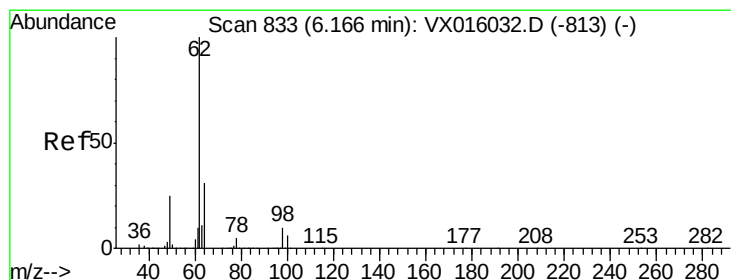
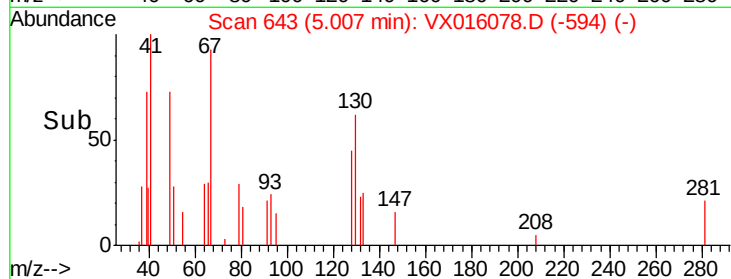
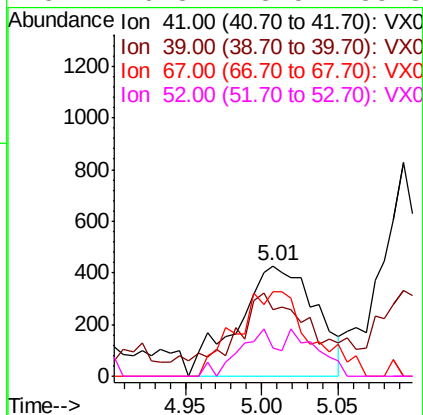
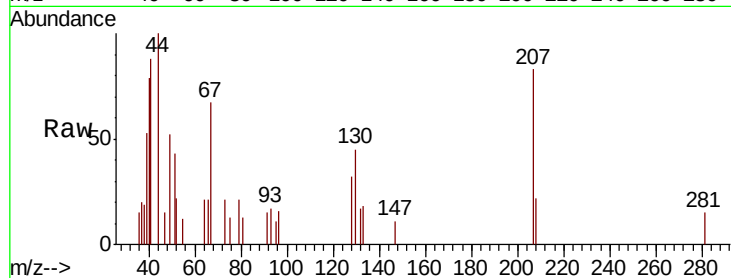




#41  
Methacrylonitrile  
Concen: 0.513 ug/l  
RT: 5.01 min Scan# 643  
Delta R.T. -0.00 min  
Lab File: VX016078.D  
Acq: 06 May 2020 13:05

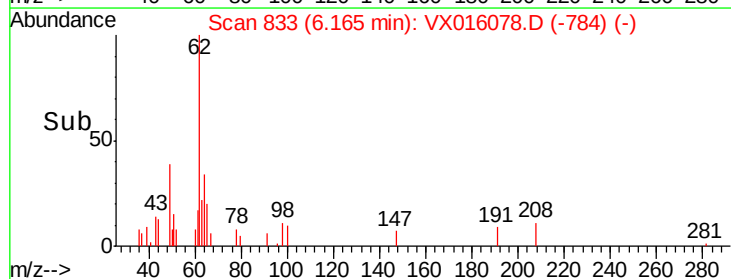
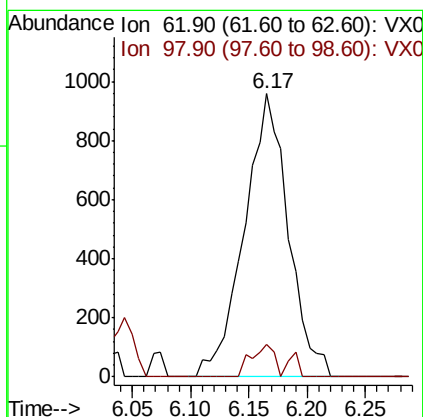
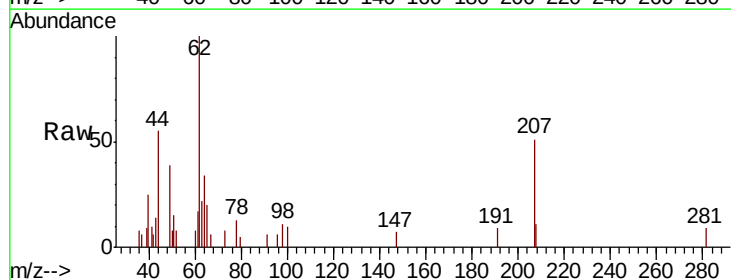
Instrument :  
MSVOA\_X  
ClientSampled :

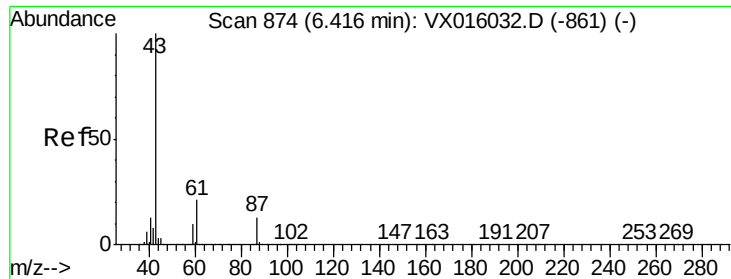
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 67.4  | 43.2  | 64.8# |
| 67      | 0.0   | 59.3  | 88.9# |
| 52      | 20.8  | 23.5  | 35.3# |



#42  
1,2-Dichloroethane  
Concen: 0.508 ug/l  
RT: 6.17 min Scan# 833  
Delta R.T. -0.00 min  
Lab File: VX016078.D  
Acq: 06 May 2020 13:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 6.0   | 0.0   | 19.4  |





#43

Isopropyl Acetate

Concen: 0.422 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

Instrument :

MSVOA\_X

ClientSampleId :

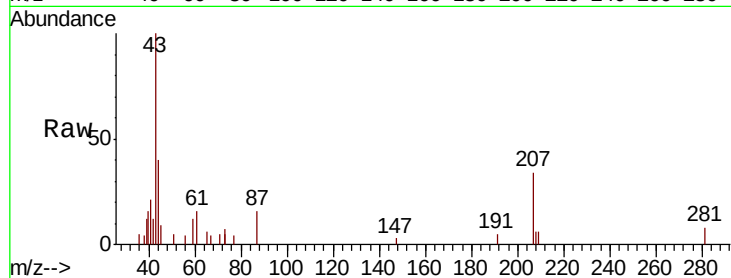
Tot Ion: 43 Resp: 3659

Ion Ratio Lower Upper

43 100

61 22.0 17.0 25.4

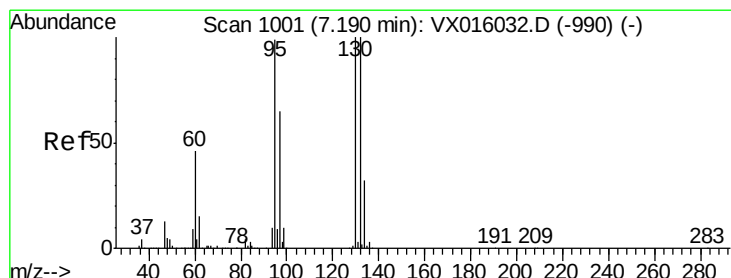
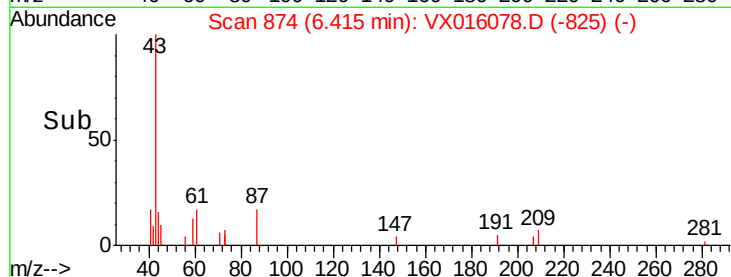
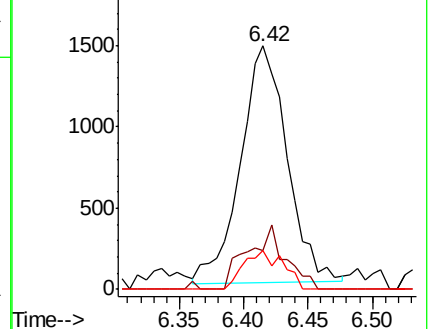
87 13.9 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 0.450 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX016078.D

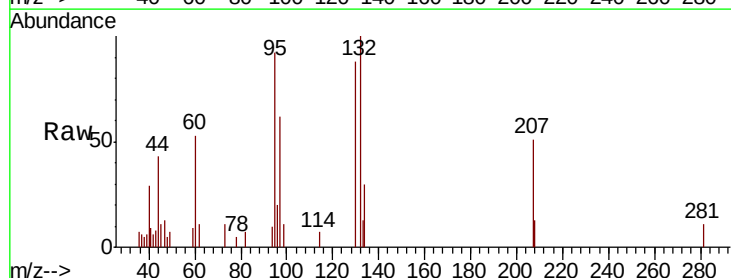
Acq: 06 May 2020 13:05

Tgt Ion: 130 Resp: 2197

Ion Ratio Lower Upper

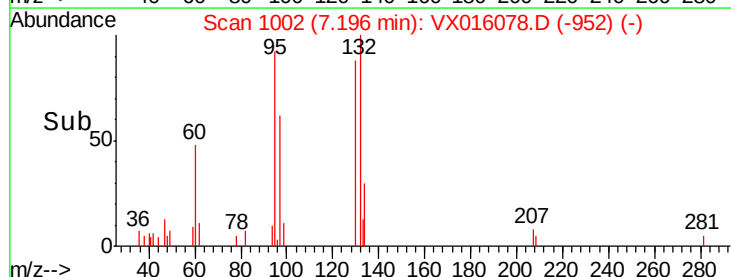
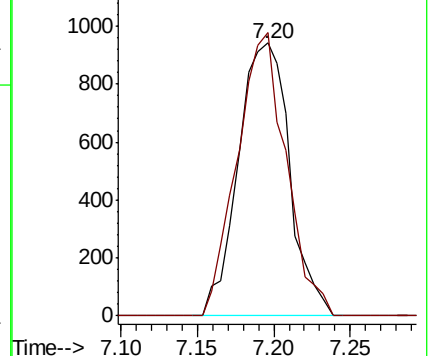
130 100

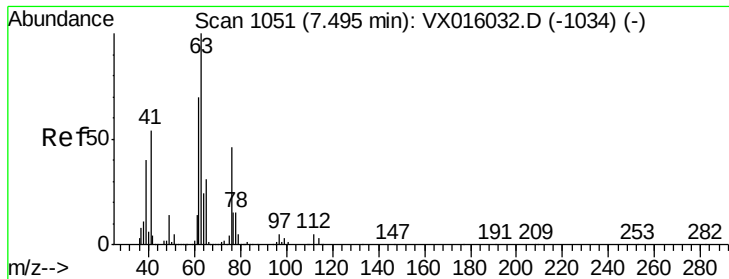
95 103.7 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 0.434 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

Instrument :

MSVOA\_X

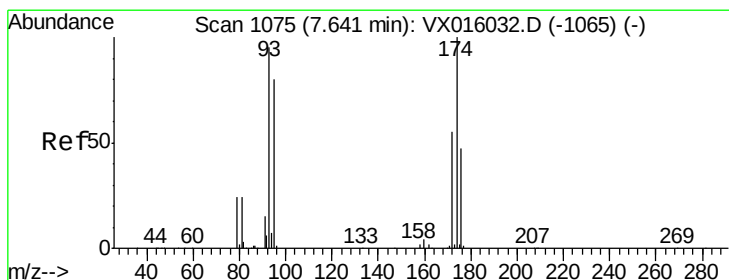
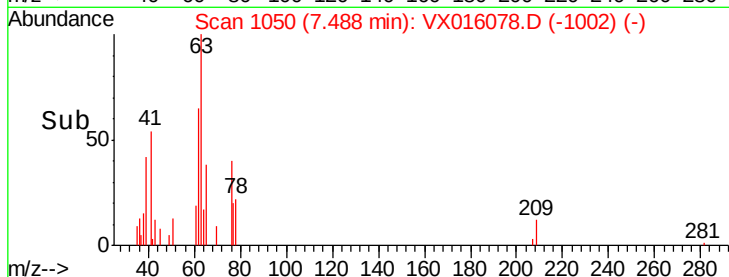
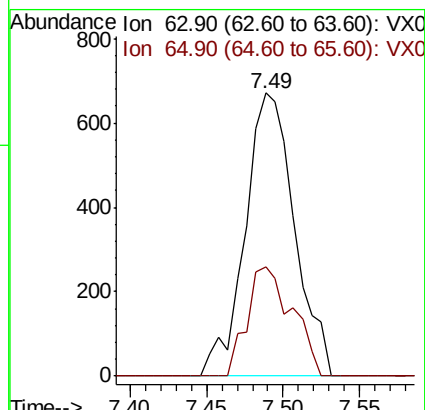
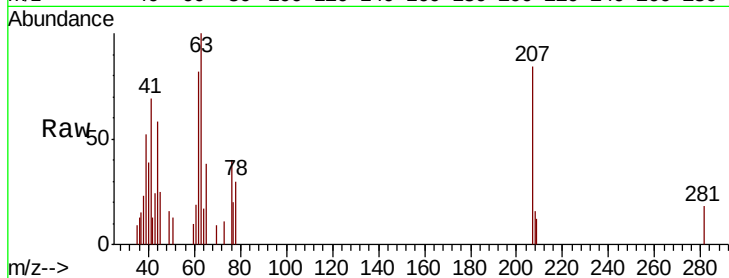
ClientSampleId :

Tot Ion: 63 Resp: 1509

Ion Ratio Lower Upper

63 100

65 38.5 24.4 36.6#



#46

Dibromomethane

Concen: 0.427 ug/l

RT: 7.65 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

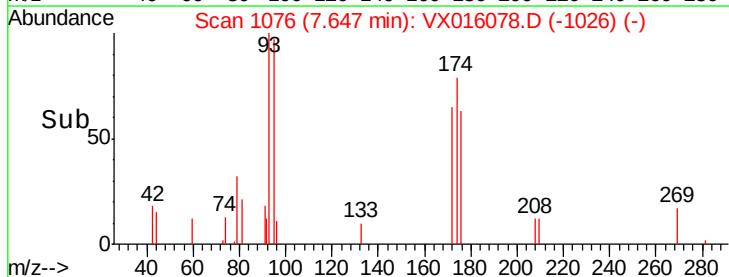
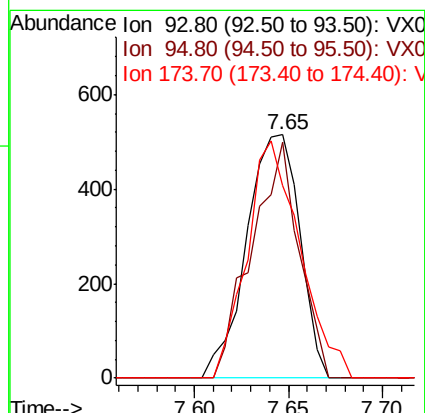
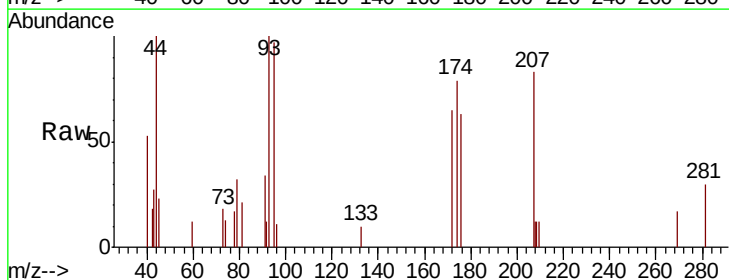
Tgt Ion: 93 Resp: 1009

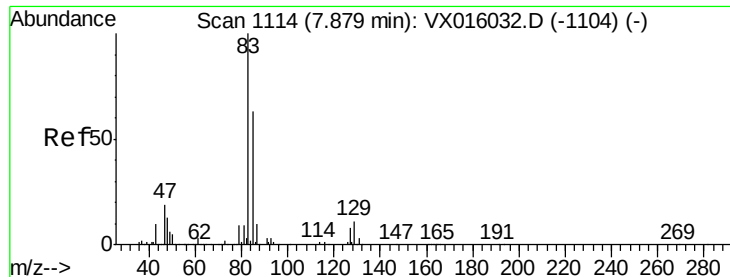
Ion Ratio Lower Upper

93 100

95 86.2 66.6 100.0

174 97.5 84.2 126.4





#47

Bromodichloromethane

Concen: 0.356 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

Instrument :

MSVOA\_X

ClientSampled :

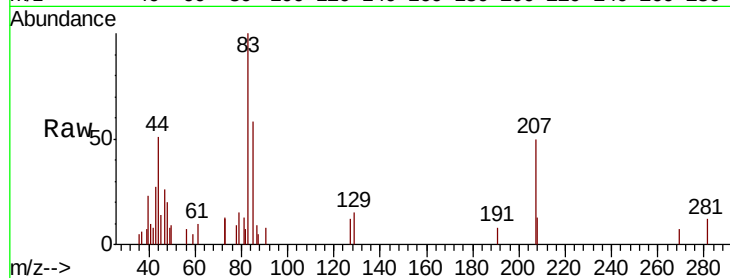
Tot Ion: 83 Resp: 1714

Ion Ratio Lower Upper

83 100

85 58.1 50.5 75.7

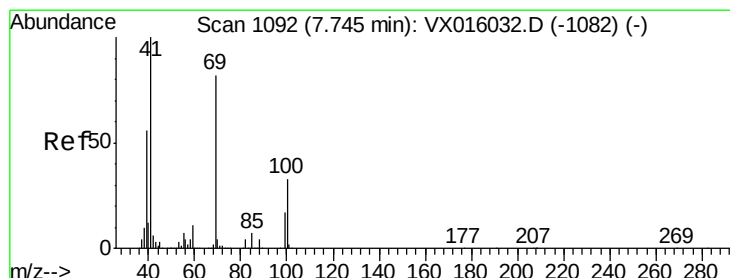
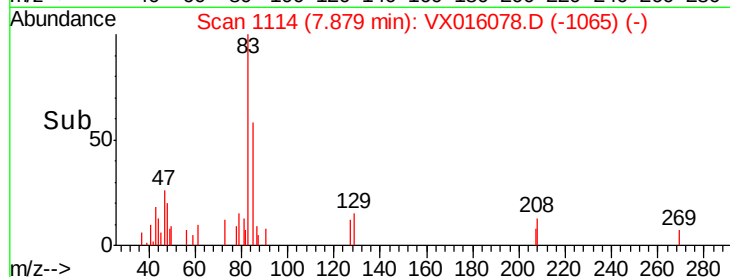
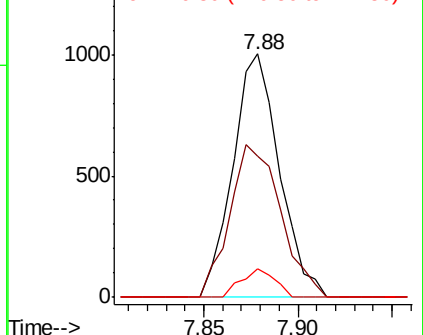
127 11.9 6.7 10.1#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 0.439 ug/l

RT: 7.76 min Scan# 1094

Delta R.T. 0.01 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

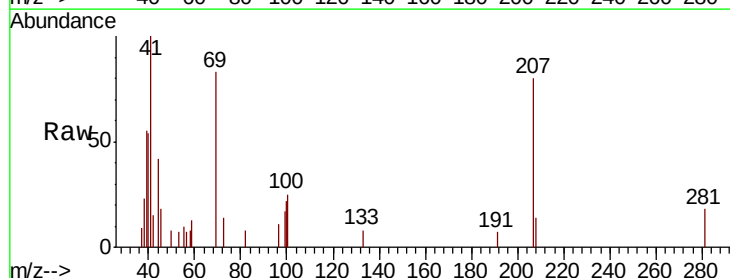
Tgt Ion: 41 Resp: 1806

Ion Ratio Lower Upper

41 100

69 75.0 67.8 101.6

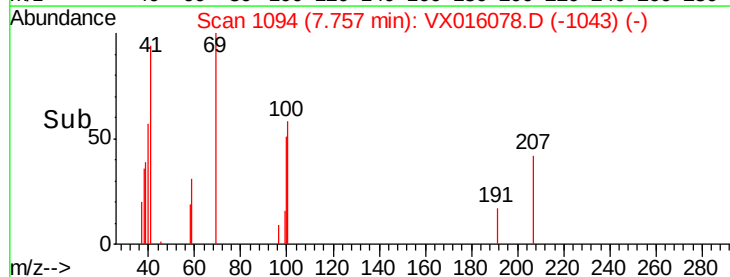
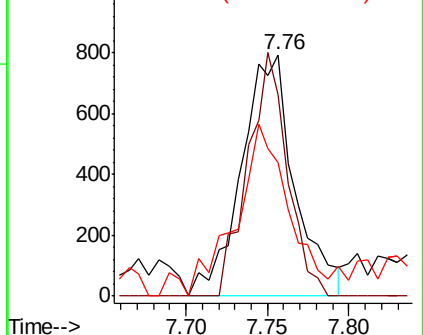
39 72.9 44.6 67.0#

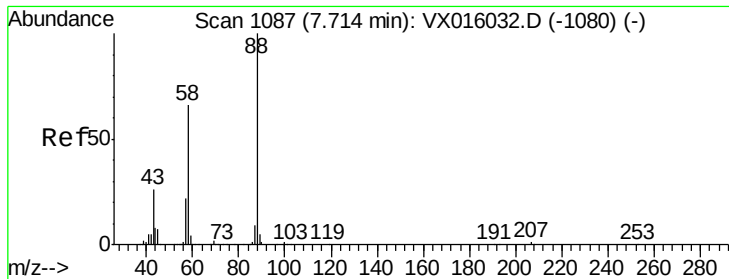


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 8.578 ug/l

RT: 7.72 min Scan# 1088

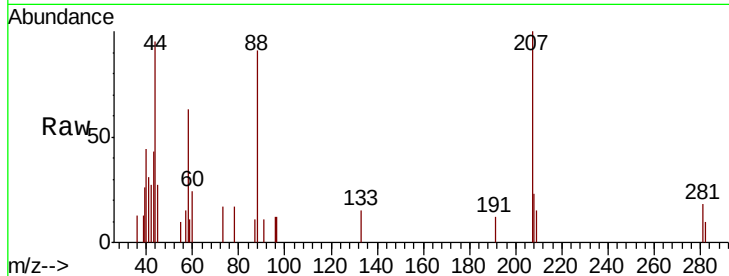
Delta R.T. 0.01 min

Lab File: VX016078.D

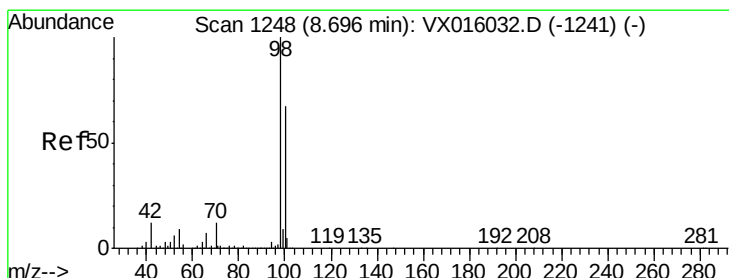
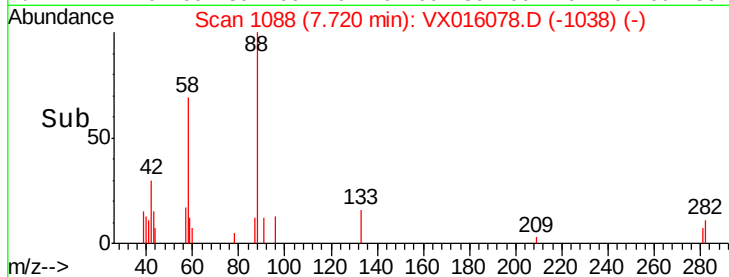
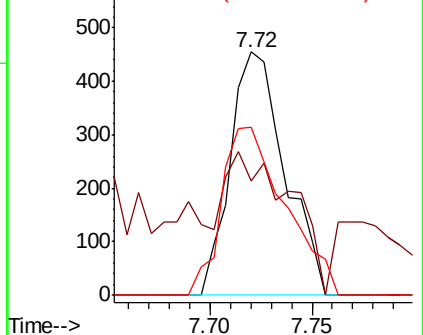
Acq: 06 May 2020 13:05

Instrument :  
MSVOA\_X  
ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 846   |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 71.0  | 25.3  | 37.9# |
| 58       | 80.5  | 55.9  | 83.9  |



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



#50

Toluene-d8

Concen: 50.358 ug/l

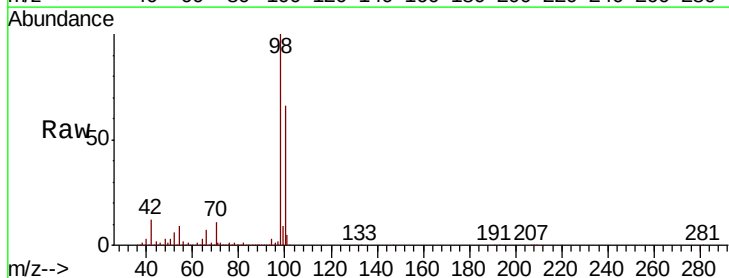
RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

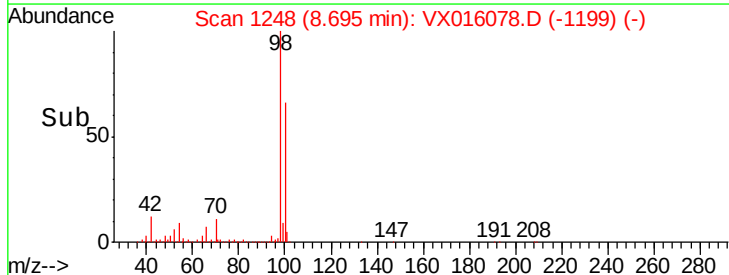
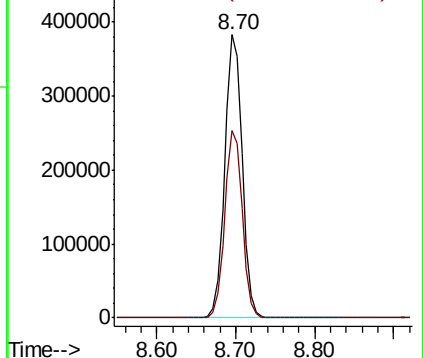
Lab File: VX016078.D

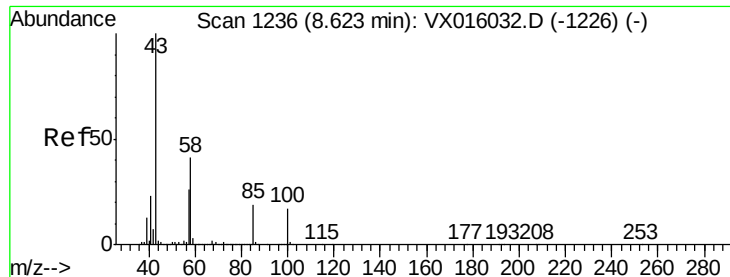
Acq: 06 May 2020 13:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 586059 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 66.5  | 53.7  | 80.5   |



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

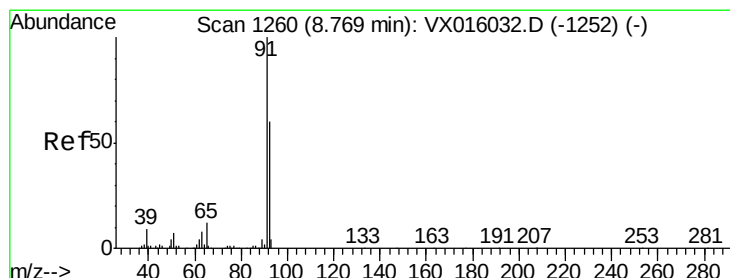
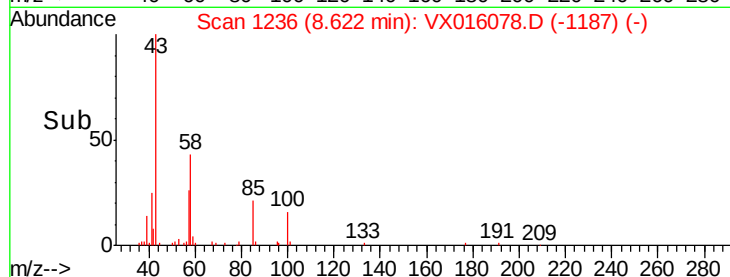
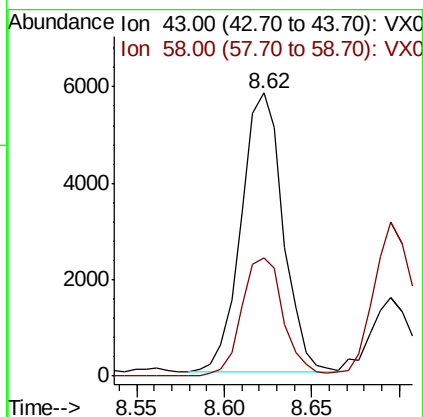
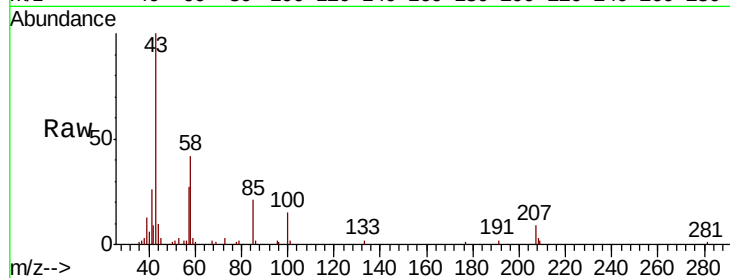




#51  
 4-Methyl-2-Pentanone  
 Concen: 1.812 ug/l  
 RT: 8.62 min Scan# 1236  
 Delta R.T. -0.00 min  
 Lab File: VX016078.D  
 Acq: 06 May 2020 13:05

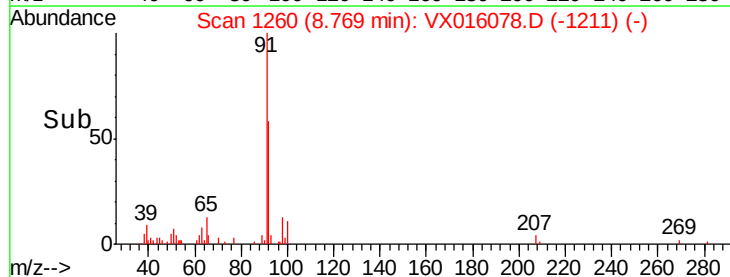
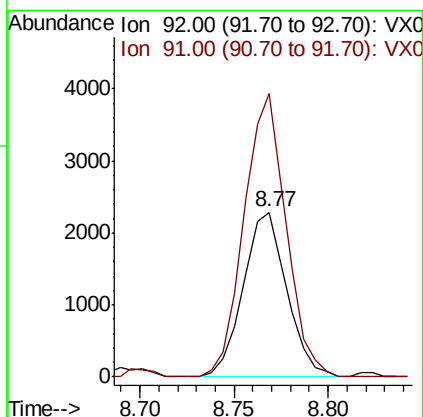
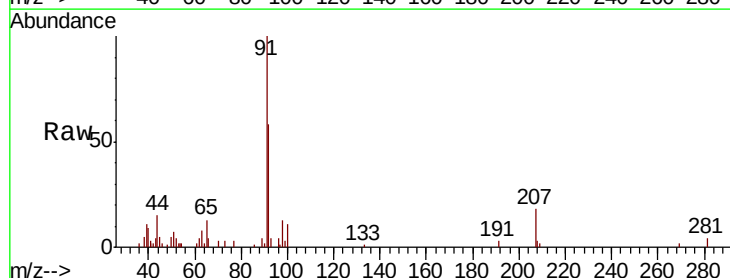
Instrument :  
 MSVOA\_X  
 ClientSampleId :

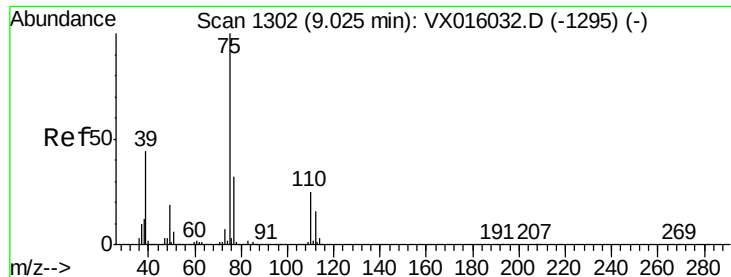
Tot Ion: 43 Resp: 9624  
 Ion Ratio Lower Upper  
 43 100  
 58 42.2 33.0 49.4



#52  
 Toluene  
 Concen: 0.428 ug/l  
 RT: 8.77 min Scan# 1260  
 Delta R.T. -0.00 min  
 Lab File: VX016078.D  
 Acq: 06 May 2020 13:05

Tgt Ion: 92 Resp: 3667  
 Ion Ratio Lower Upper  
 92 100  
 91 165.4 134.5 201.7

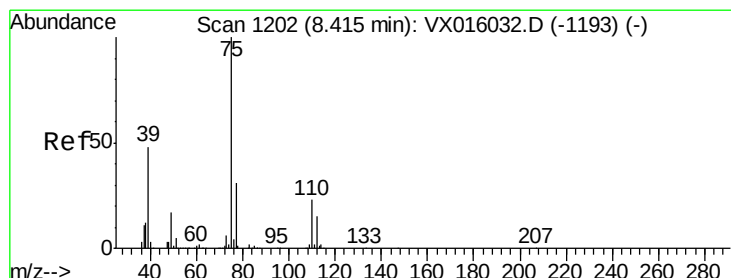
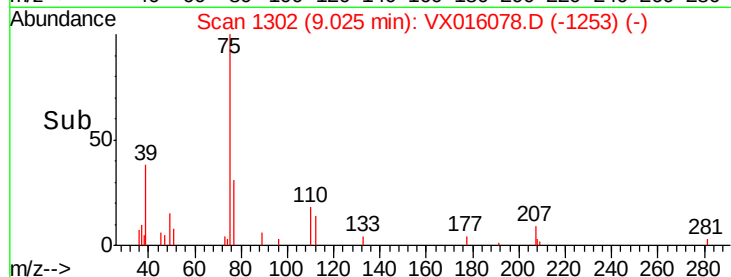
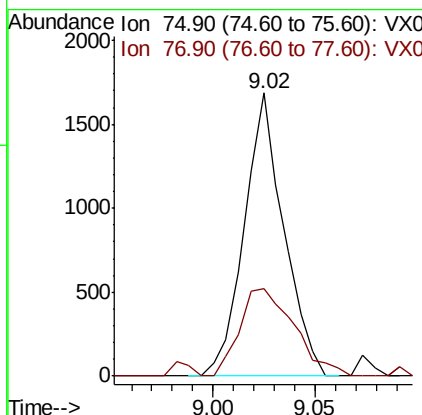
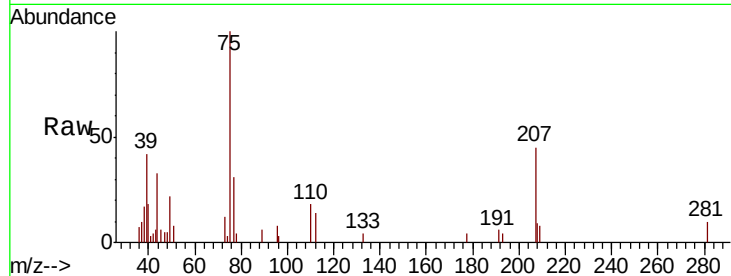




#53  
t-1,3-Dichloropropene  
Concen: 0.397 ug/l  
RT: 9.02 min Scan# 1302  
Delta R.T. -0.00 min  
Lab File: VX016078.D  
Acq: 06 May 2020 13:05

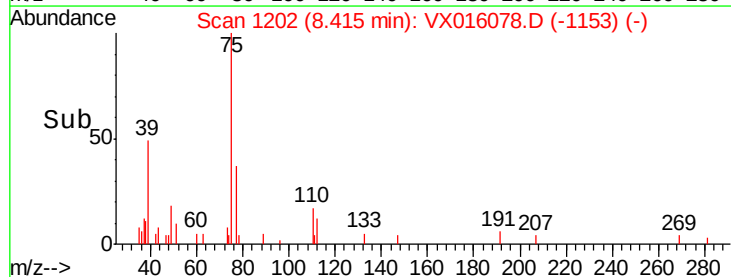
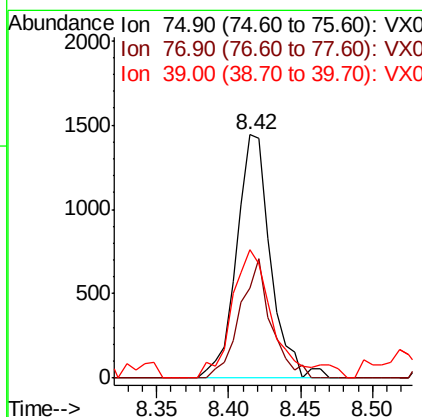
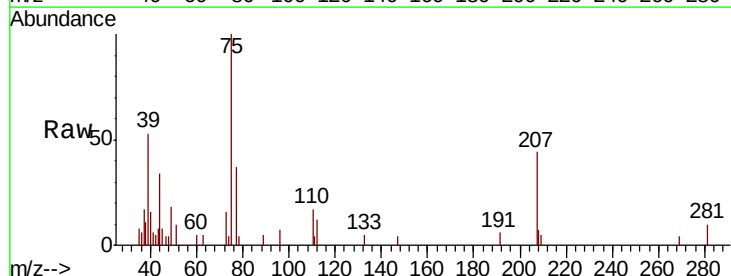
Instrument :  
MSVOA\_X  
ClientSampleId :

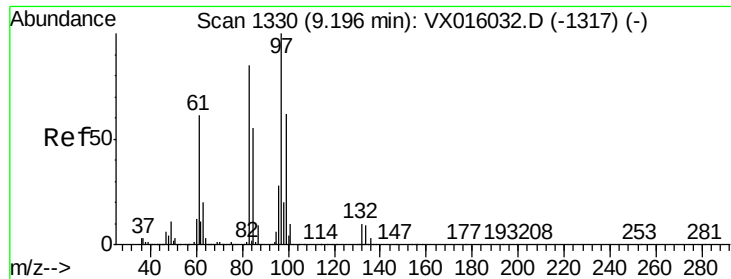
Tot Ion: 75 Resp: 2277  
Ion Ratio Lower Upper  
75 100  
77 27.6 25.7 38.5



#54  
cis-1,3-Dichloropropene  
Concen: 0.396 ug/l  
RT: 8.42 min Scan# 1202  
Delta R.T. -0.00 min  
Lab File: VX016078.D  
Acq: 06 May 2020 13:05

Tgt Ion: 75 Resp: 2373  
Ion Ratio Lower Upper  
75 100  
77 37.1 24.7 37.1#  
39 52.6 38.7 58.1

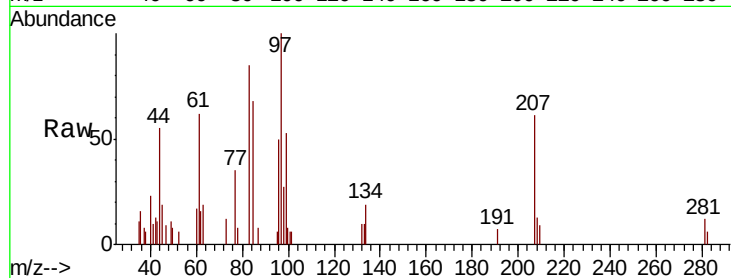




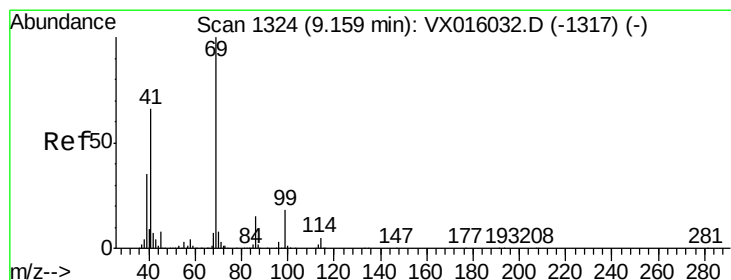
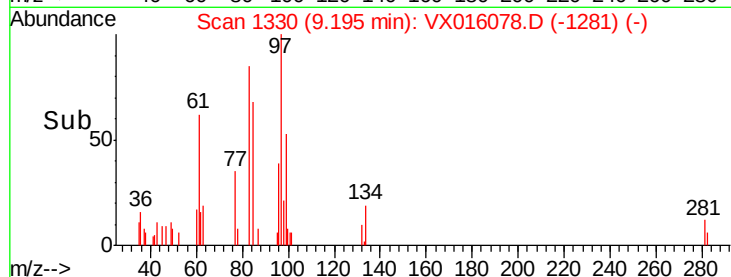
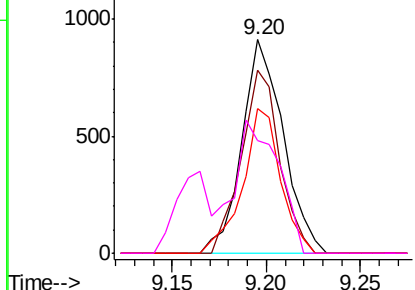
#55  
 1,1,2-Trichloroethane  
 Concen: 0.412 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. -0.00 min  
 Lab File: VX016078.D  
 Acq: 06 May 2020 13:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 1387  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.4  | 67.8  | 101.8 |
| 85       | 67.8  | 43.8  | 65.8# |
| 99       | 52.5  | 49.4  | 74.0  |

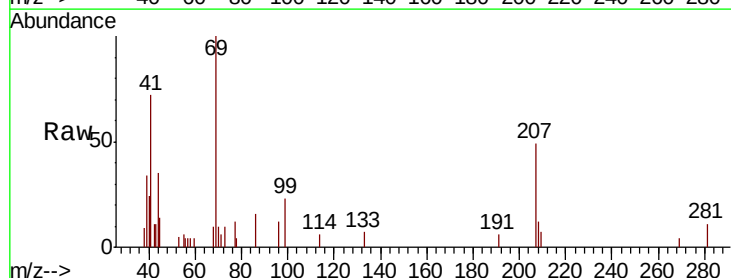


Abundance Ion 96.90 (96.60 to 97.60): VX0  
 Ion 82.90 (82.60 to 83.60): VX0  
 Ion 84.90 (84.60 to 85.60): VX0  
 Ion 98.90 (98.60 to 99.60): VX0

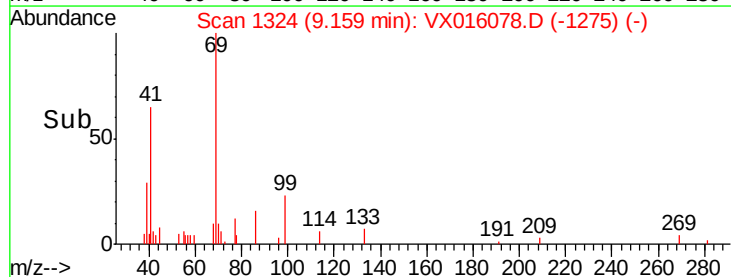
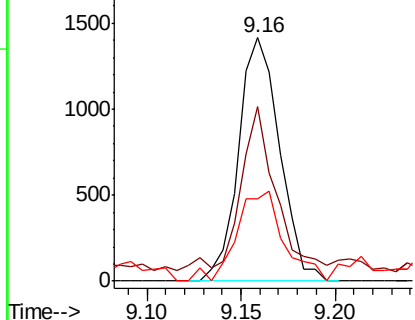


#56  
 Ethyl methacrylate  
 Concen: 0.390 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: VX016078.D  
 Acq: 06 May 2020 13:05

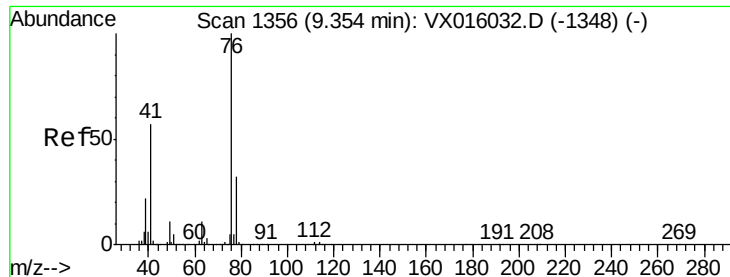
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 2146  |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 56.1  | 52.2  | 78.4  |
| 39       | 42.5  | 28.2  | 42.4# |



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







#57

1,3-Dichloropropane

Concen: 0.408 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

Instrument :

MSVOA\_X

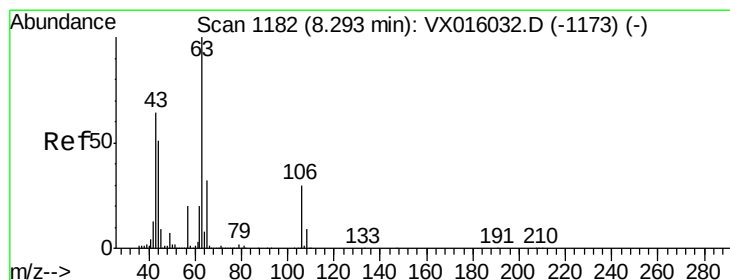
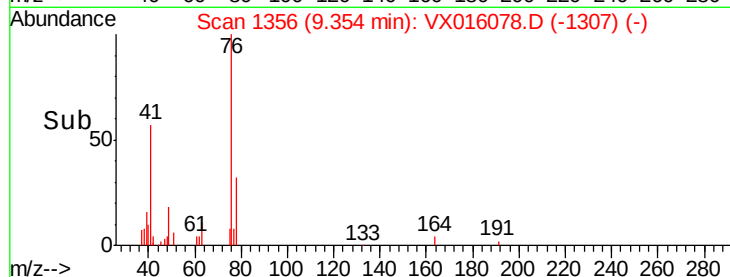
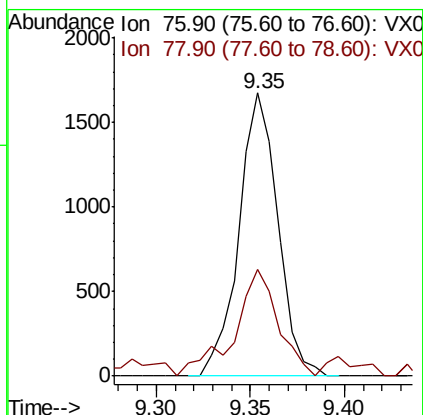
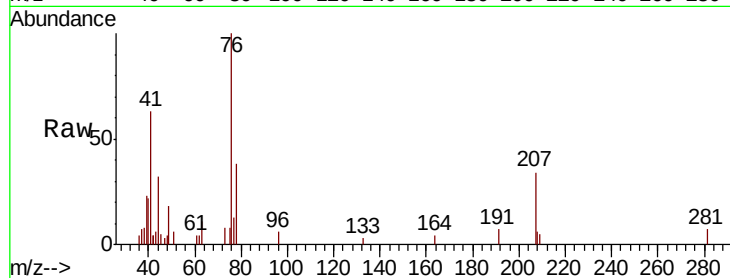
ClientSampleId :

Tot Ion: 76 Resp: 2396

Ion Ratio Lower Upper

76 100

78 42.4 25.9 38.9#



#58

2-Chloroethyl Vinyl ether

Concen: 1.992 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016078.D

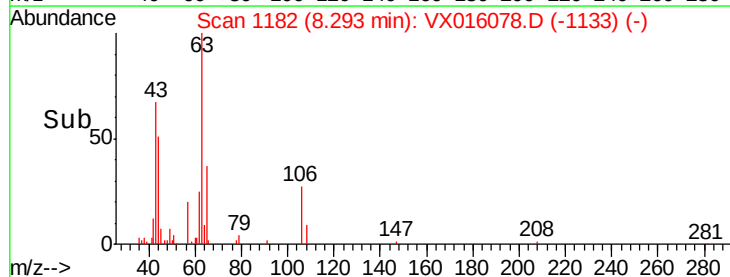
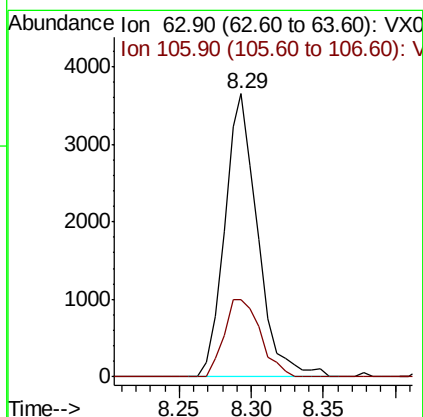
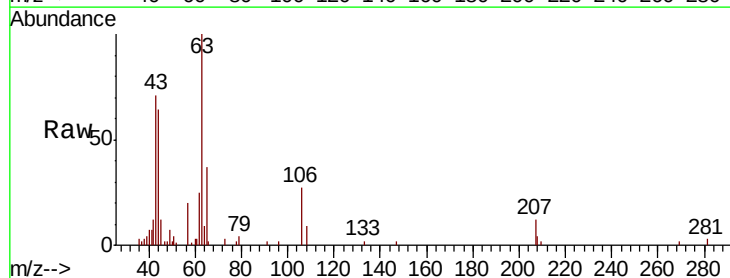
Acq: 06 May 2020 13:05

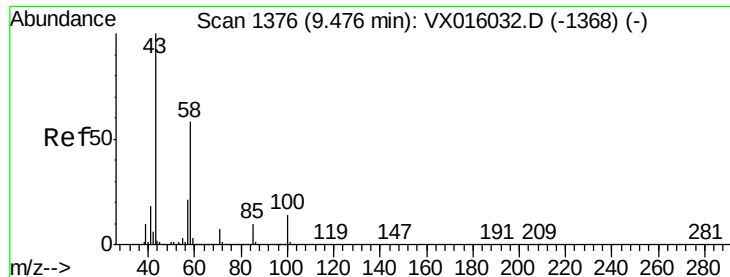
Tgt Ion: 63 Resp: 5830

Ion Ratio Lower Upper

63 100

106 30.2 23.4 35.2

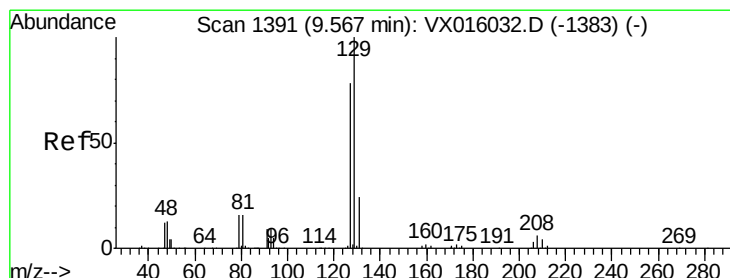
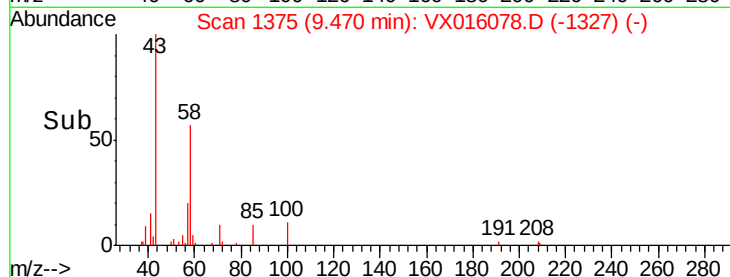
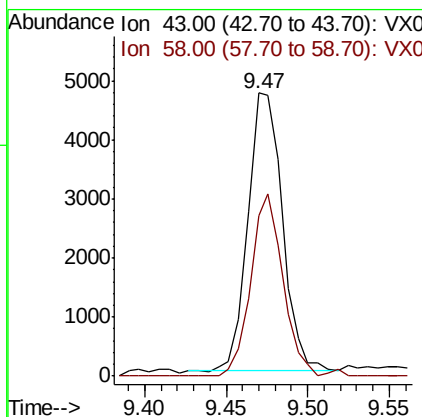
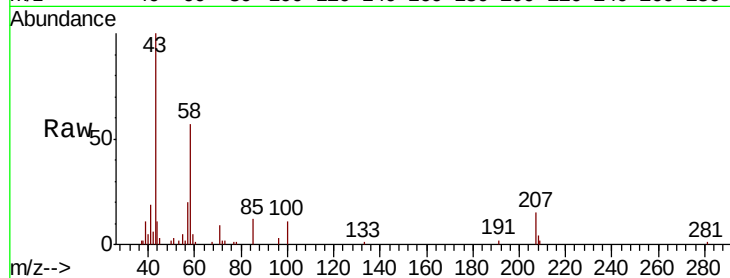




#59  
 2-Hexanone  
 Concen: 1.670 ug/l  
 RT: 9.47 min Scan# 1375  
 Delta R.T. -0.01 min  
 Lab File: VX016078.D  
 Acq: 06 May 2020 13:05

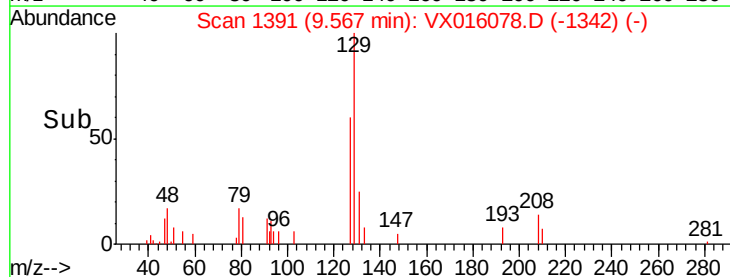
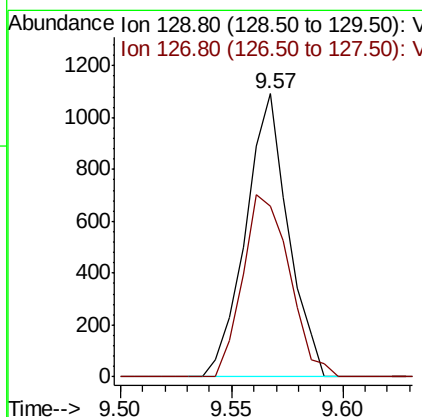
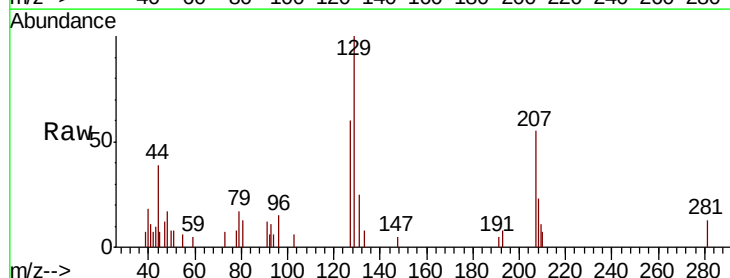
Instrument :  
 MSVOA\_X  
 ClientSampleId :

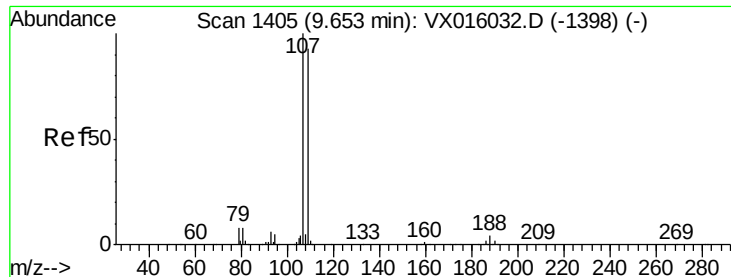
Tot Ion: 43 Resp: 6963  
 Ion Ratio Lower Upper  
 43 100  
 58 60.9 28.6 85.9



#60  
 Dibromochloromethane  
 Concen: 0.393 ug/l  
 RT: 9.57 min Scan# 1391  
 Delta R.T. -0.00 min  
 Lab File: VX016078.D  
 Acq: 06 May 2020 13:05

Tgt Ion: 129 Resp: 1456  
 Ion Ratio Lower Upper  
 129 100  
 127 70.5 38.4 115.2





#61

1,2-Dibromoethane

Concen: 0.422 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

Instrument :

MSVOA\_X

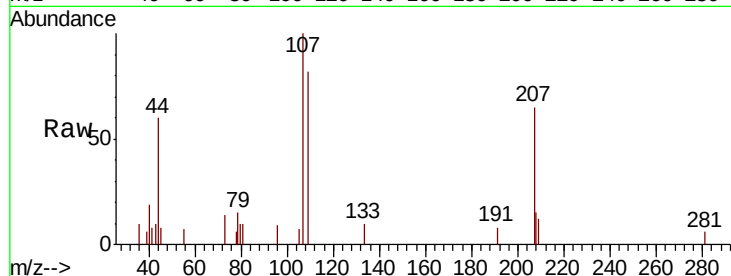
ClientSampleId :

Tot Ion: 107 Resp: 1538

Ion Ratio Lower Upper

107 100

109 97.1 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

1200

1000

800

600

400

200

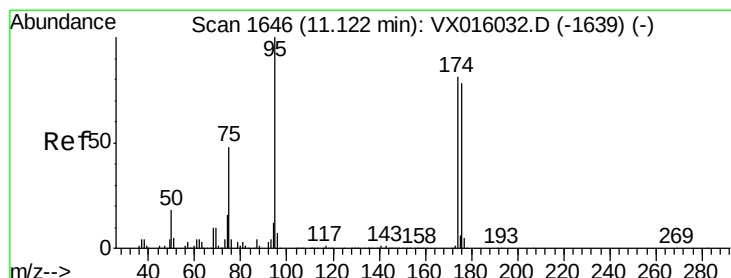
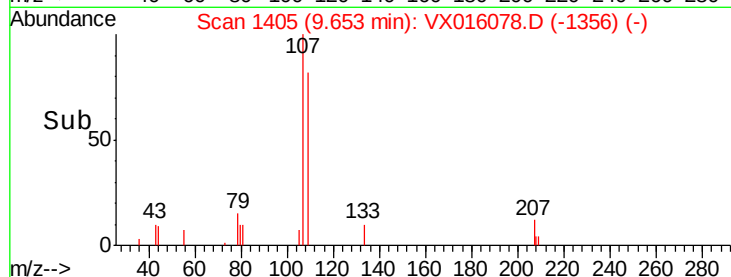
0

9.60

9.65

9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 47.788 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

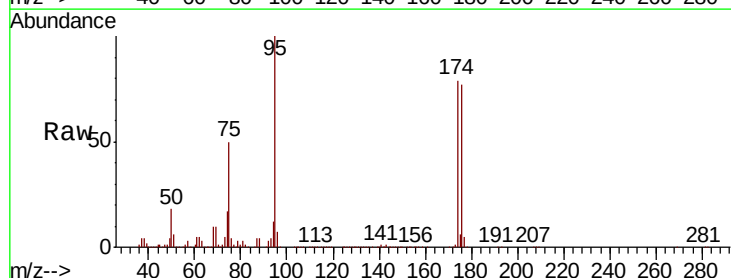
Tgt Ion: 95 Resp: 211535

Ion Ratio Lower Upper

95 100

174 79.8 0.0 159.4

176 78.7 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

100000

50000

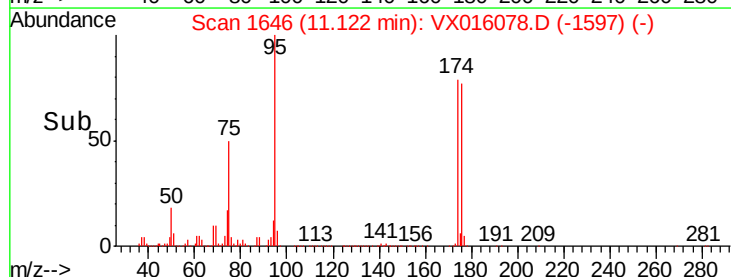
0

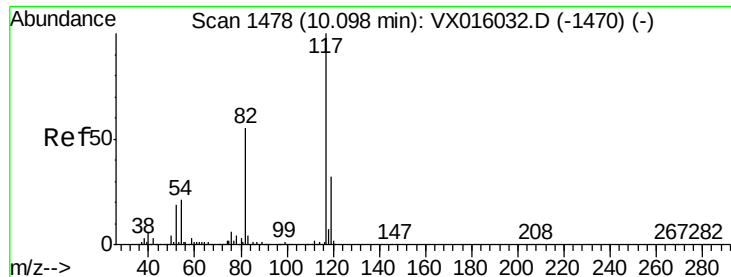
11.10

11.12

11.20

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

Instrument :

MSVOA\_X

ClientSampleId :

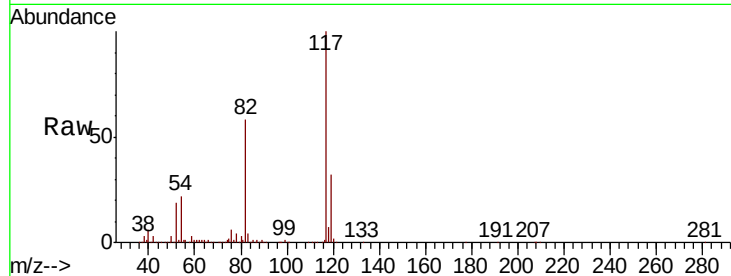
Tot Ion:117 Resp: 430404

Ion Ratio Lower Upper

117 100

82 57.7 44.4 66.6

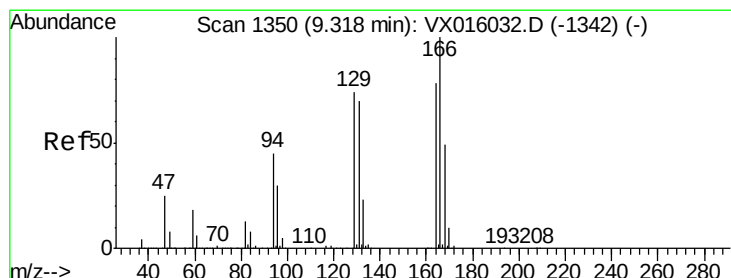
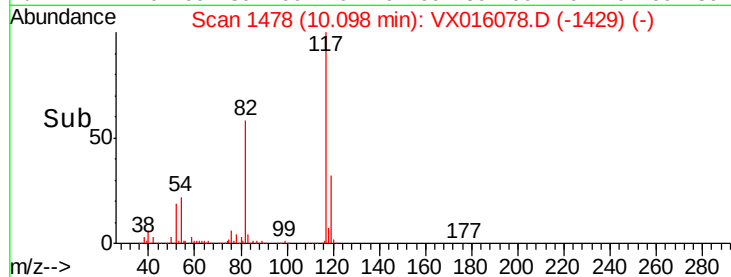
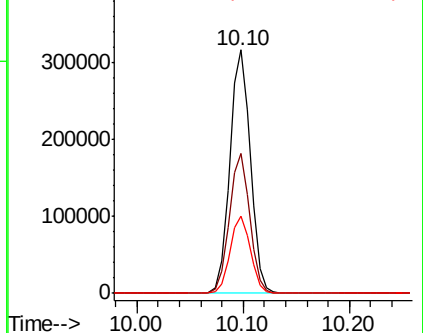
119 31.9 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 0.468 ug/l

RT: 9.32 min Scan# 1351

Delta R.T. 0.01 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

Tgt Ion:164 Resp: 2474

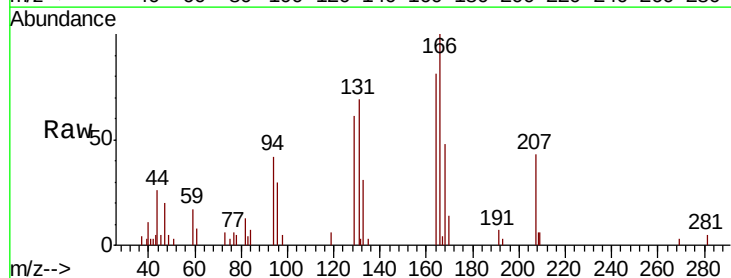
Ion Ratio Lower Upper

164 100

166 122.8 102.9 154.3

129 74.8 76.1 114.1#

131 85.1 71.9 107.9

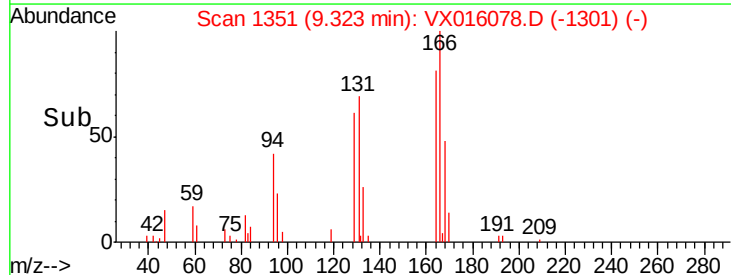
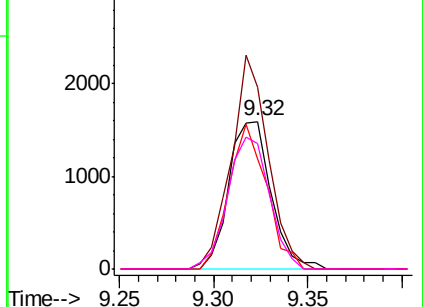


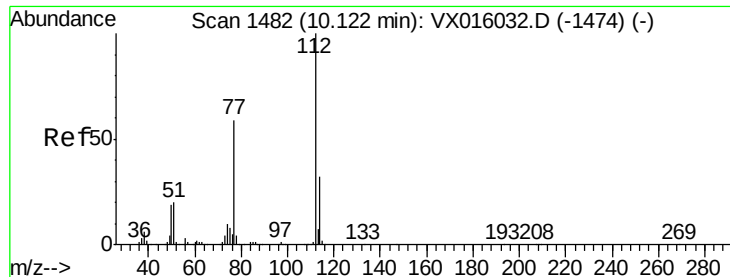
Abundance Ion 163.80 (163.50 to 164.50): V

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

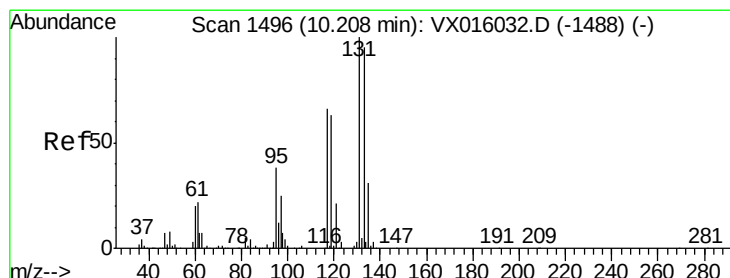
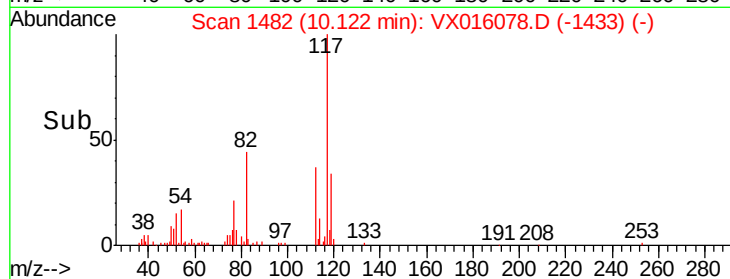
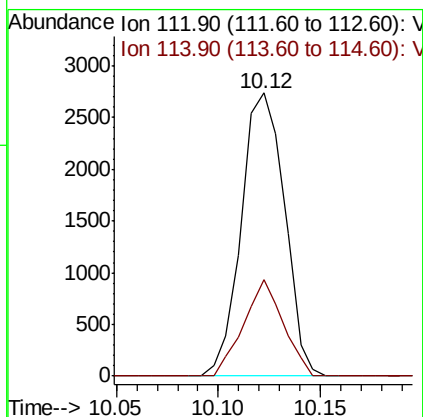
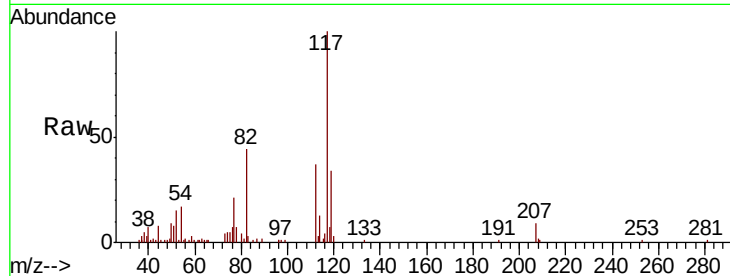




#65  
Chlorobenzene  
Concen: 0.447 ug/l  
RT: 10.12 min Scan# 1482  
Delta R.T. -0.00 min  
Lab File: VX016078.D  
Acq: 06 May 2020 13:05

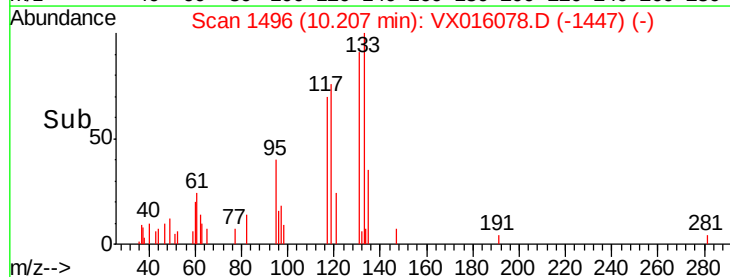
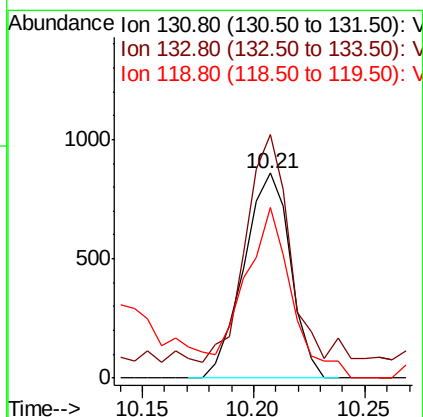
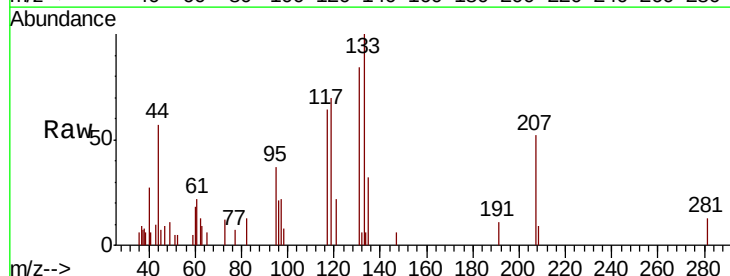
Instrument :  
MSVOA\_X  
ClientSampleId :

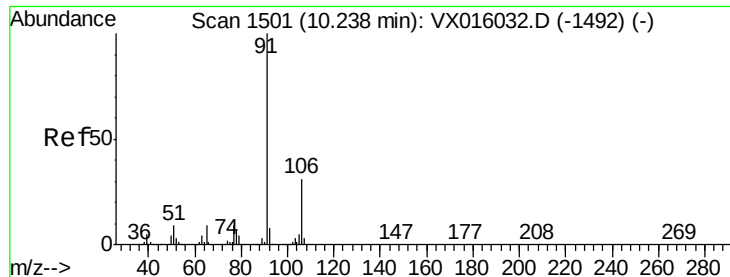
Tot Ion:112 Resp: 4030  
Ion Ratio Lower Upper  
112 100  
114 34.2 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 0.376 ug/l  
RT: 10.21 min Scan# 1496  
Delta R.T. -0.00 min  
Lab File: VX016078.D  
Acq: 06 May 2020 13:05

Tgt Ion:131 Resp: 1251  
Ion Ratio Lower Upper  
131 100  
133 105.8 48.3 144.8  
119 0.0 32.3 96.9#





#67

Ethyl Benzene

Concen: 0.429 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

Instrument :

MSVOA\_X

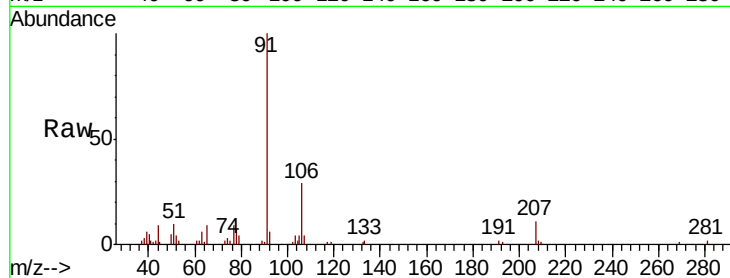
ClientSampleId :

Tot Ion: 91 Resp: 6893

Ion Ratio Lower Upper

91 100

106 29.5 25.1 37.7

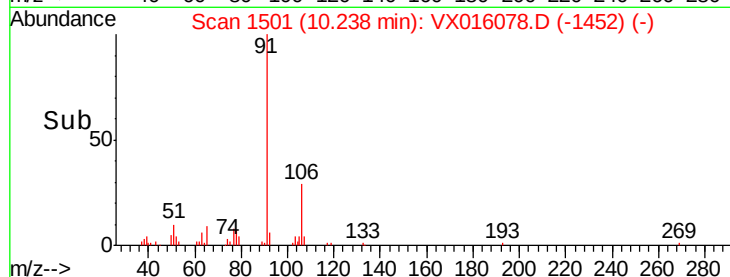


Abundance Ion 91.00 (90.70 to 91.70): VX016078.D (-1452) (-)

Ion 106.00 (105.70 to 106.70): VX016078.D (-1452) (-)

10.24

Time-->



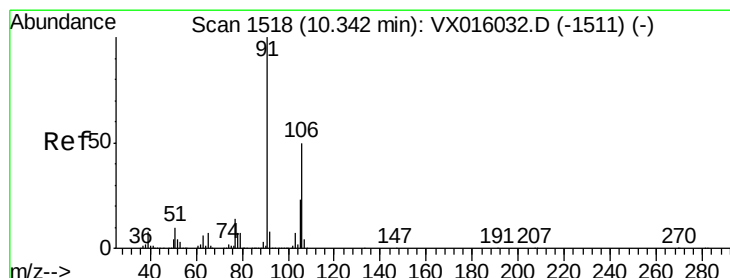
Abundance

Ion 91.00 (90.70 to 91.70): VX016078.D (-1452) (-)

Ion 106.00 (105.70 to 106.70): VX016078.D (-1452) (-)

10.24

Time-->



#68

m/p-Xylenes

Concen: 0.822 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016078.D

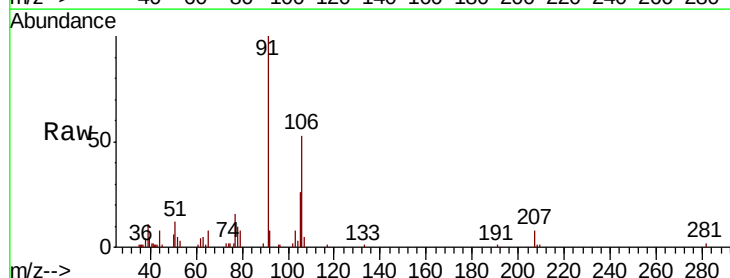
Acq: 06 May 2020 13:05

Tgt Ion: 106 Resp: 4950

Ion Ratio Lower Upper

106 100

91 194.3 161.7 242.5

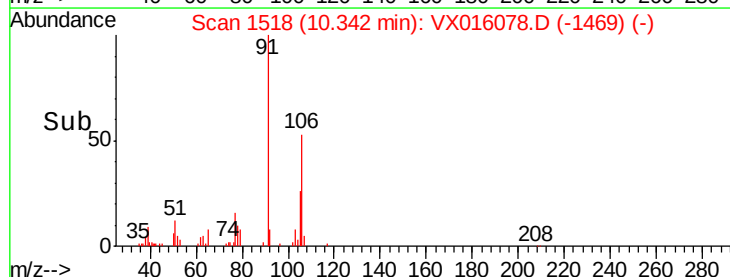


Abundance Ion 106.00 (105.70 to 106.70): VX016078.D (-1469) (-)

Ion 91.00 (90.70 to 91.70): VX016078.D (-1469) (-)

10.34

Time-->



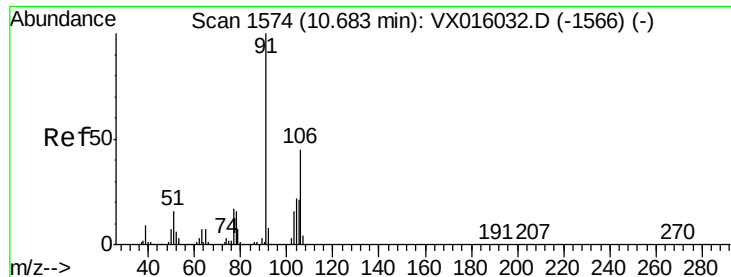
Abundance

Ion 106.00 (105.70 to 106.70): VX016078.D (-1469) (-)

Ion 91.00 (90.70 to 91.70): VX016078.D (-1469) (-)

10.34

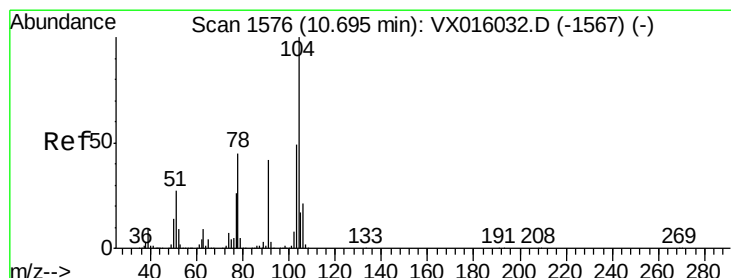
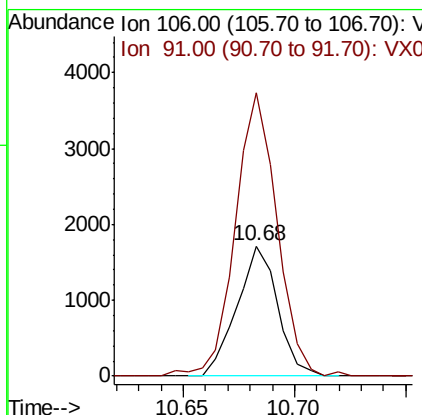
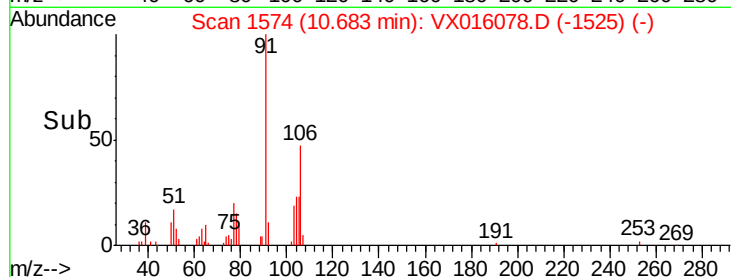
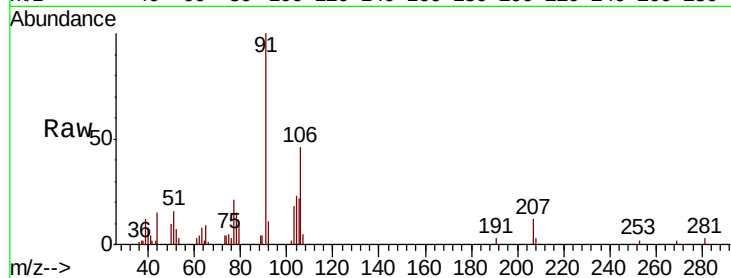
Time-->



#69  
o-Xylene  
Concen: 0.375 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. -0.00 min  
Lab File: VX016078.D  
Acq: 06 May 2020 13:05

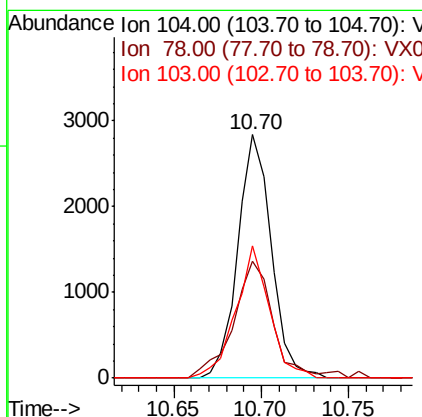
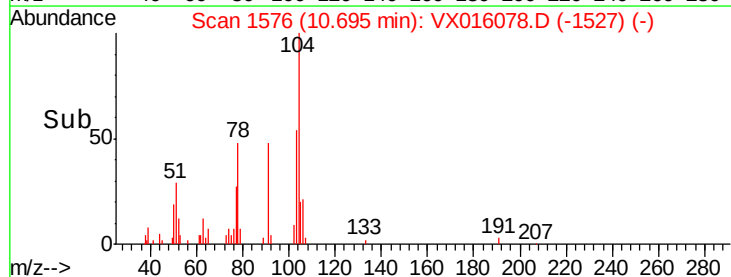
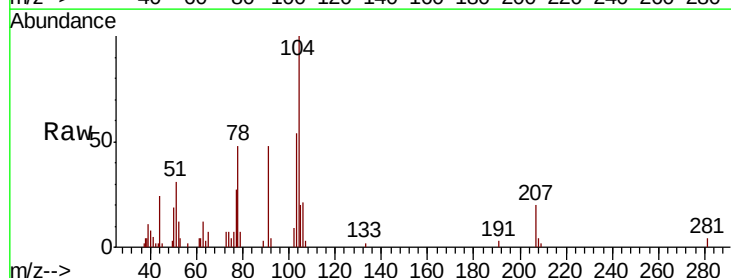
Instrument :  
MSVOA\_X  
ClientSampleId :

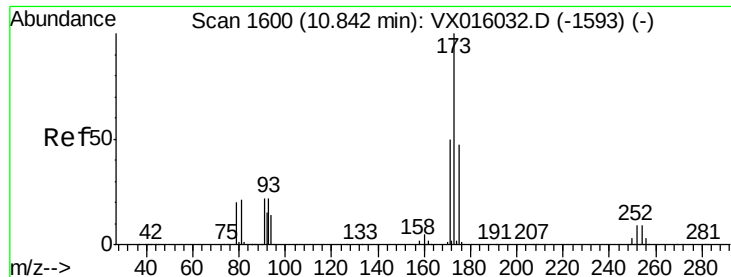
Tot Ion:106 Resp: 2174  
Ion Ratio Lower Upper  
106 100  
91 224.9 107.5 322.6



#70  
Styrene  
Concen: 0.387 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. -0.00 min  
Lab File: VX016078.D  
Acq: 06 May 2020 13:05

Tgt Ion:104 Resp: 3800  
Ion Ratio Lower Upper  
104 100  
78 58.0 40.2 60.2  
103 54.4 43.0 64.6





#71

Bromoform

Concen: 0.345 ug/l

RT: 10.84 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

Instrument :

MSVOA\_X

ClientSampleId :

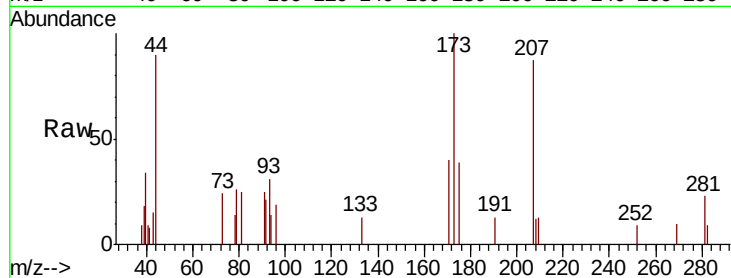
Tot Ion:173 Resp: 936

Ion Ratio Lower Upper

173 100

175 47.1 24.0 72.0

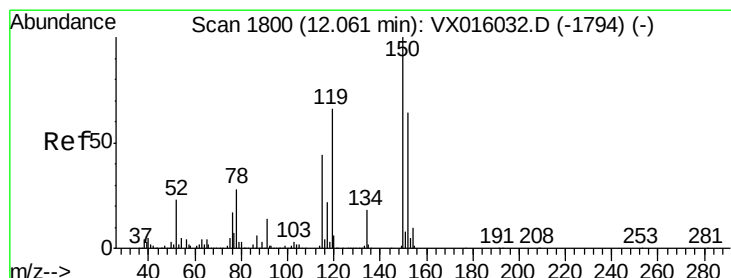
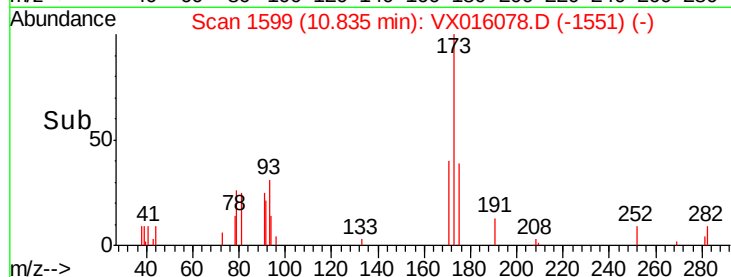
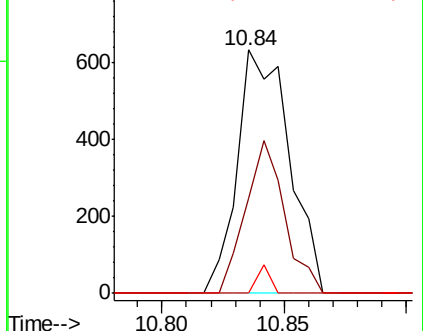
254 2.9 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

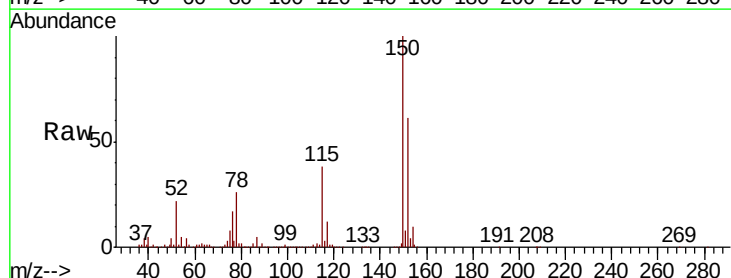
Tgt Ion:152 Resp: 206075

Ion Ratio Lower Upper

152 100

115 60.0 41.3 124.1

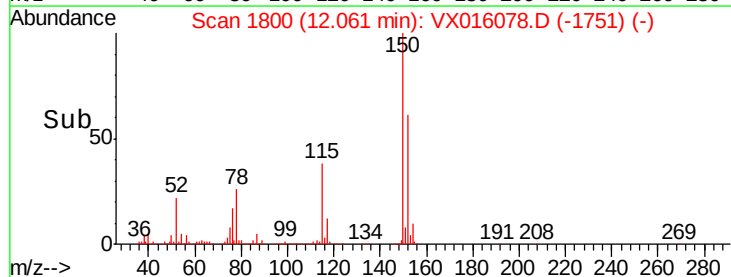
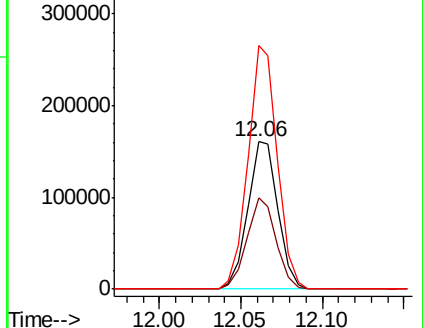
150 160.8 0.0 352.2



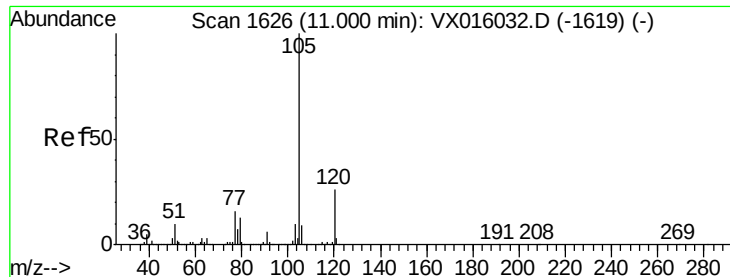
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V







#73

Isopropylbenzene

Concen: 0.419 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

Instrument :

MSVOA\_X

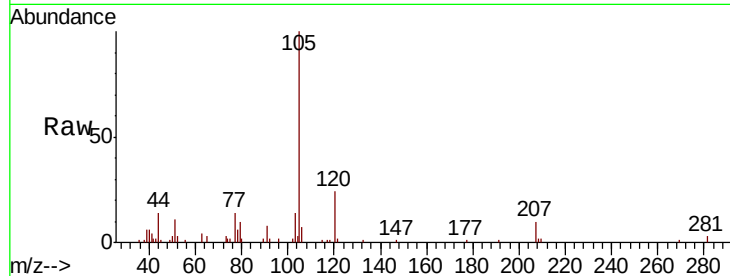
ClientSampled :

Tot Ion:105 Resp: 6273

Ion Ratio Lower Upper

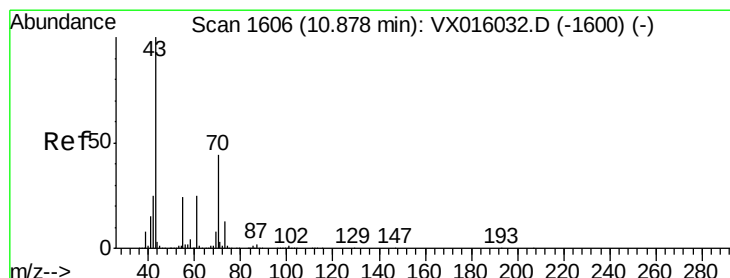
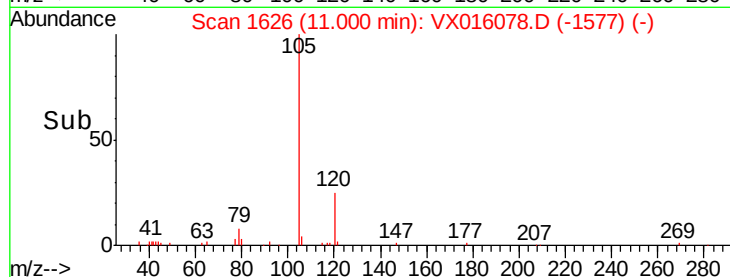
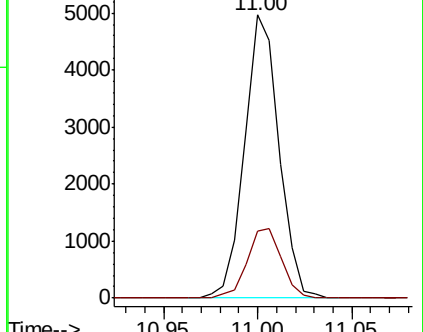
105 100

120 24.6 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.363 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

Tgt Ion: 43 Resp: 2539

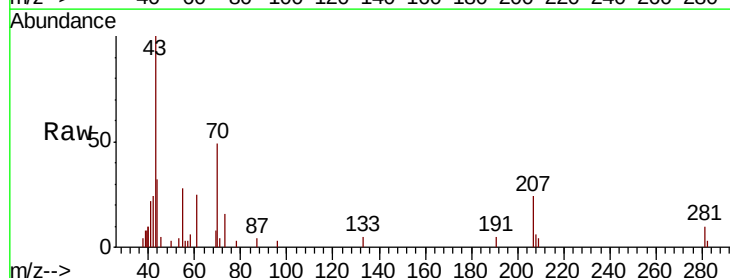
Ion Ratio Lower Upper

43 100

70 48.1 36.5 54.7

55 31.6 19.7 29.5#

61 27.7 20.9 31.3

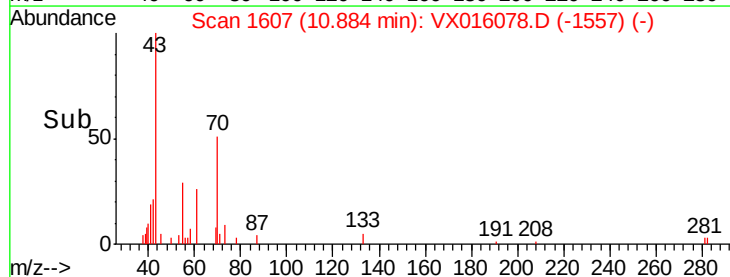
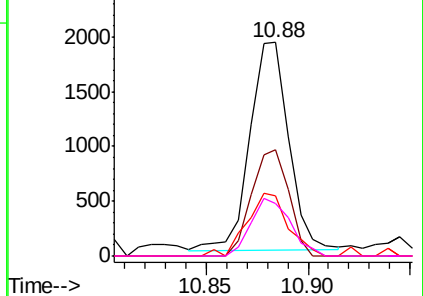


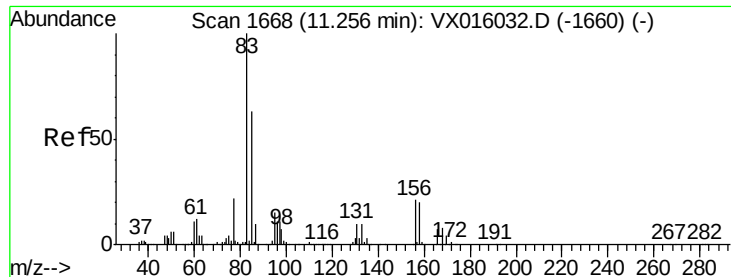
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 0.387 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

Instrument :

MSVOA\_X

ClientSampled :

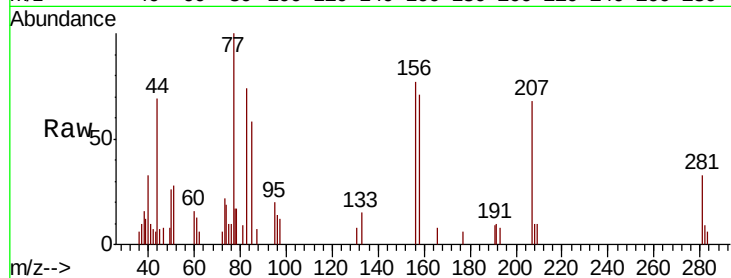
Tot Ion: 83 Resp: 1023

Ion Ratio Lower Upper

83 100

131 7.6 5.1 15.4

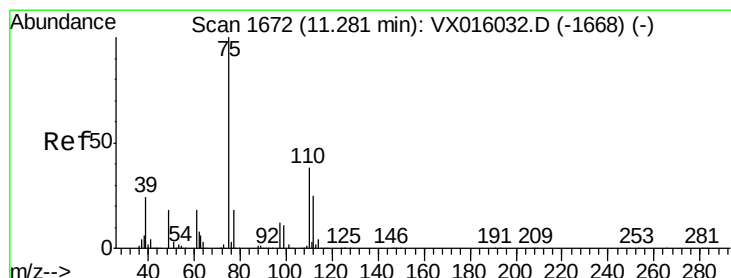
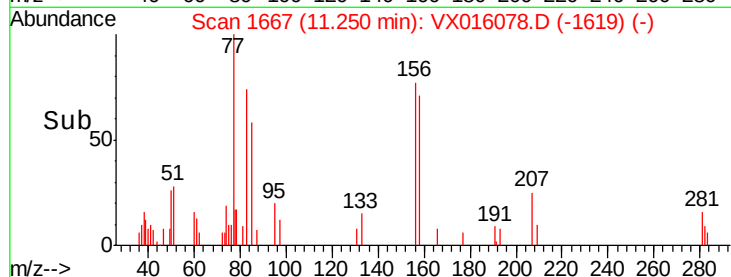
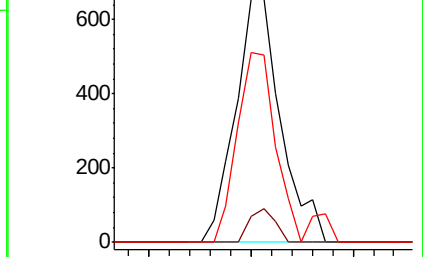
85 64.6 32.0 96.0



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: 22.451 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016078.D

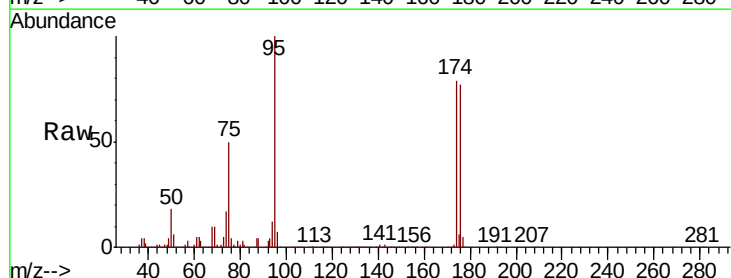
Acq: 06 May 2020 13:05

Tgt Ion: 75 Resp: 104986

Ion Ratio Lower Upper

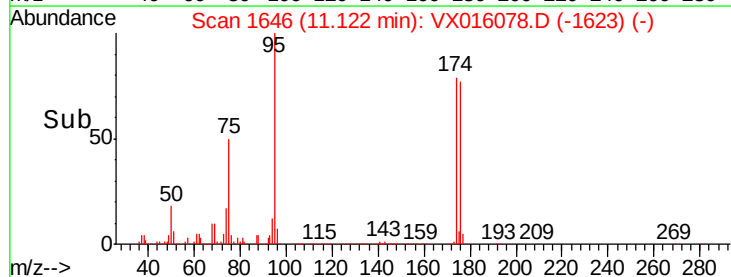
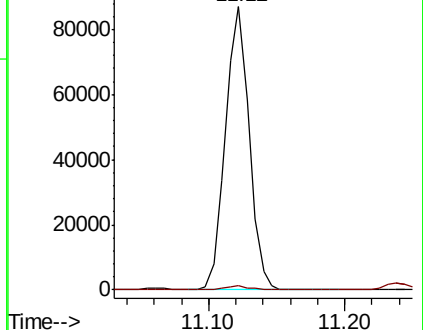
75 100

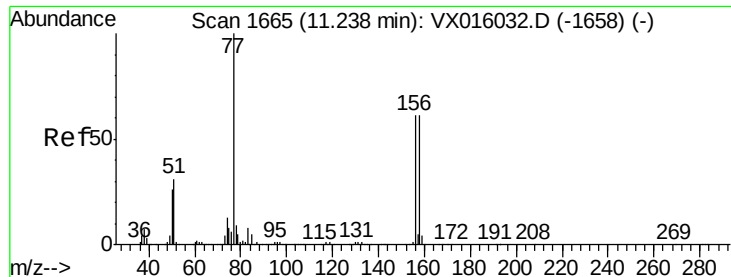
77 1.5 21.2 63.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.460 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

Instrument :

MSVOA\_X

ClientSampled :

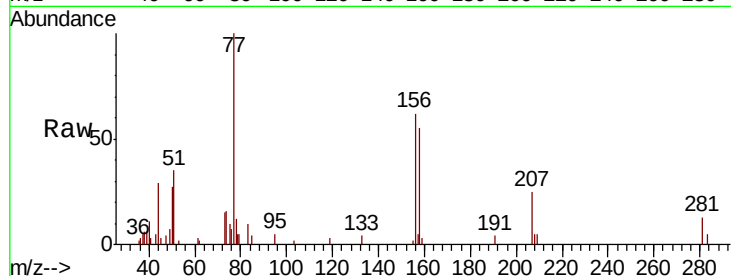
Tot Ion:156 Resp: 1779

Ion Ratio Lower Upper

156 100

77 166.2 80.1 240.3

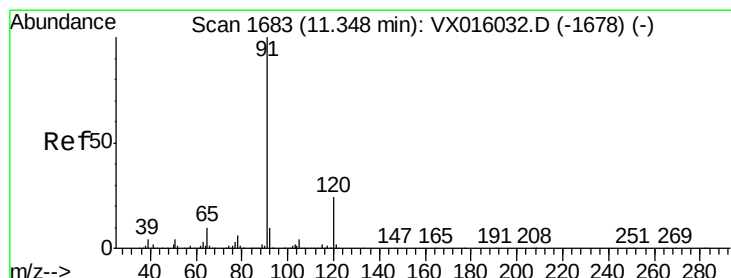
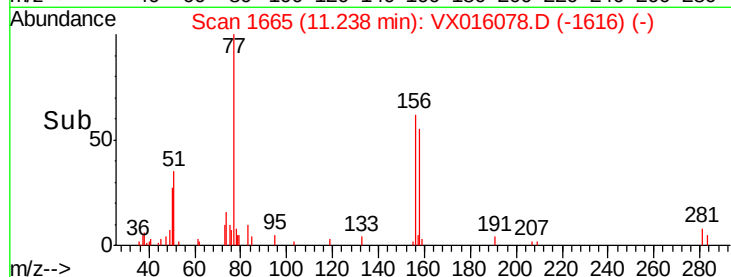
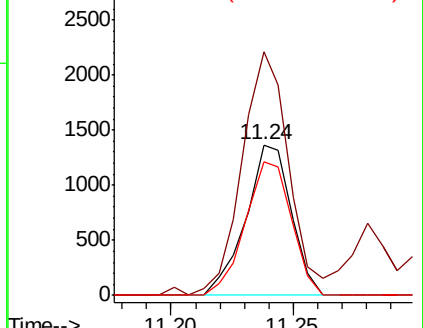
158 89.7 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.425 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016078.D

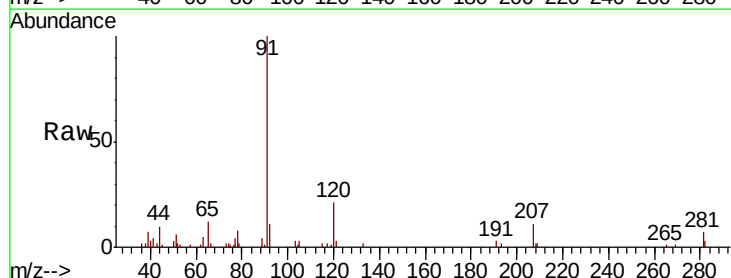
Acq: 06 May 2020 13:05

Tgt Ion: 91 Resp: 7415

Ion Ratio Lower Upper

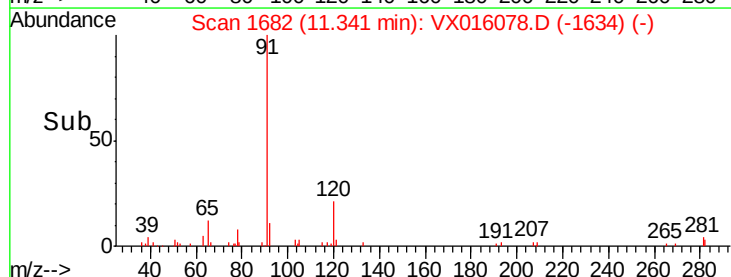
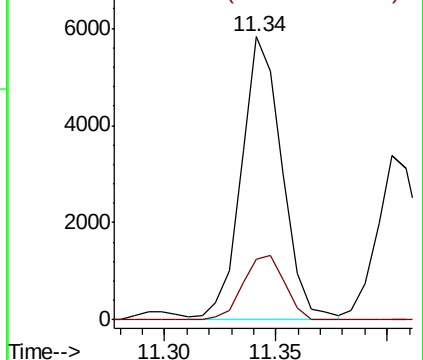
91 100

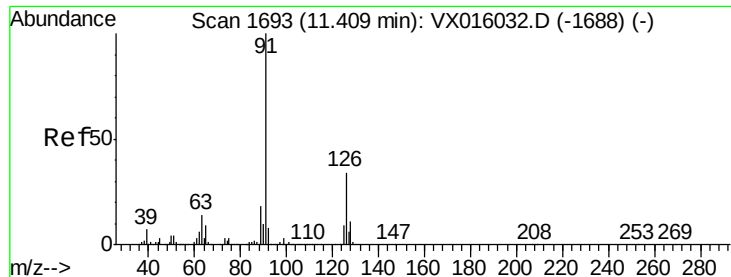
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.444 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

Instrument :

MSVOA\_X

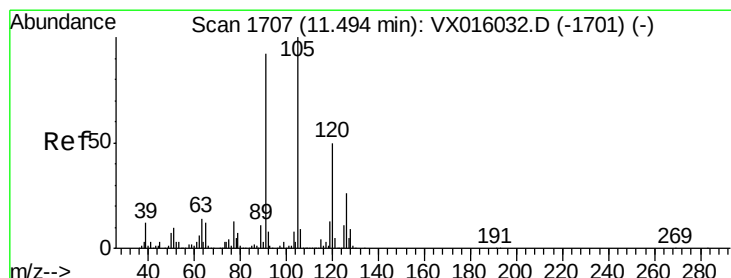
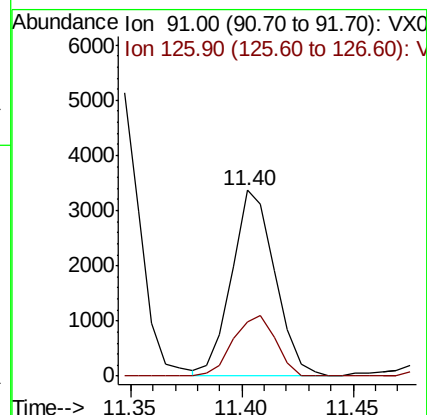
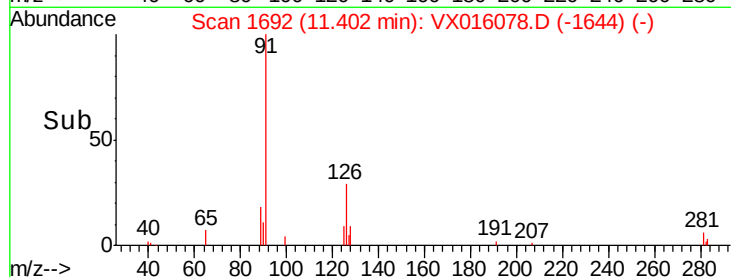
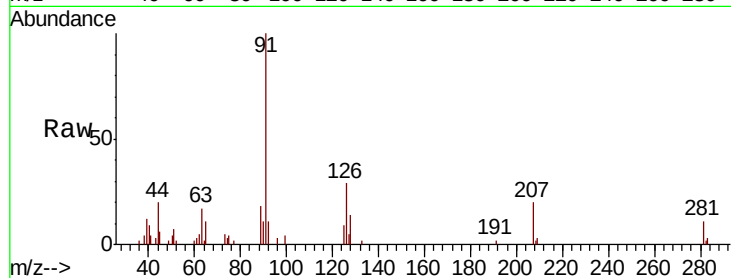
ClientSampleId :

Tot Ion: 91 Resp: 4573

Ion Ratio Lower Upper

91 100

126 31.9 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 0.392 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX016078.D

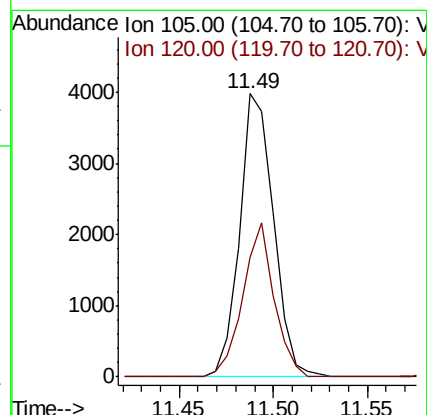
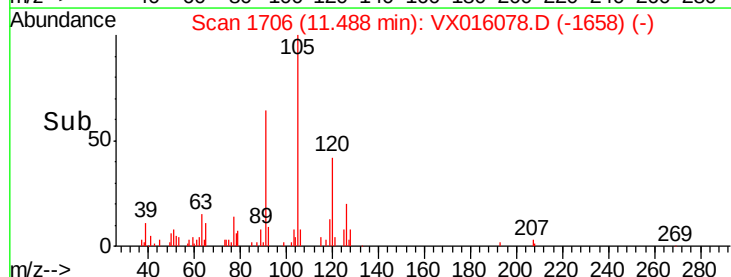
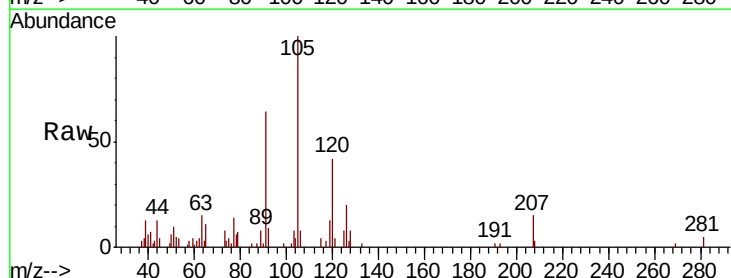
Acq: 06 May 2020 13:05

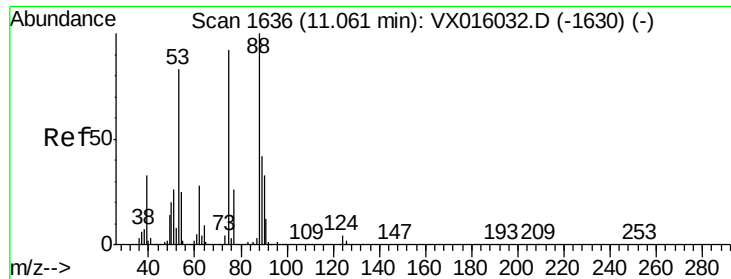
Tgt Ion:105 Resp: 4966

Ion Ratio Lower Upper

105 100

120 50.2 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 53.501 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

Instrument :

MSVOA\_X

ClientSampleId :

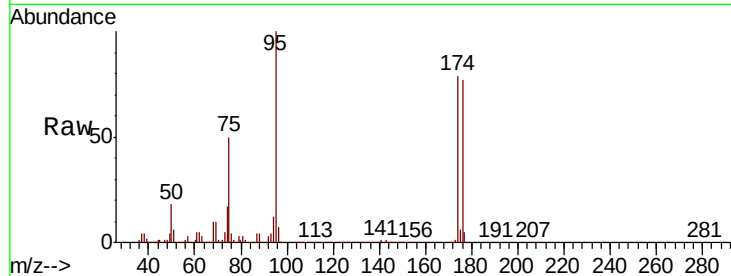
Tot Ion: 75 Resp: 104986

Ion Ratio Lower Upper

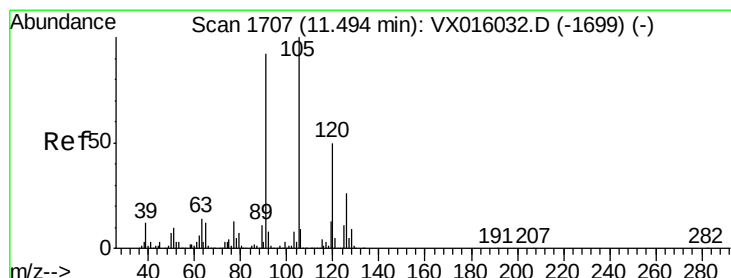
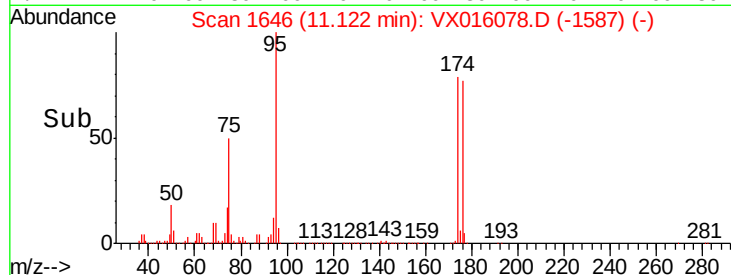
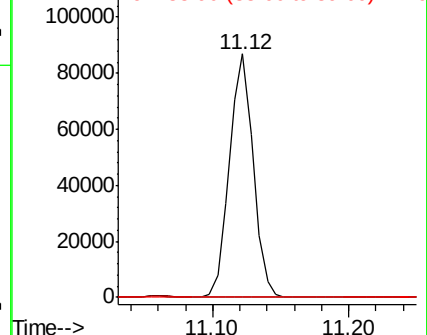
75 100

53 0.1 73.1 109.7#

89 0.0 36.7 55.1#



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



#82

4-Chlorotoluene

Concen: 0.447 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016078.D

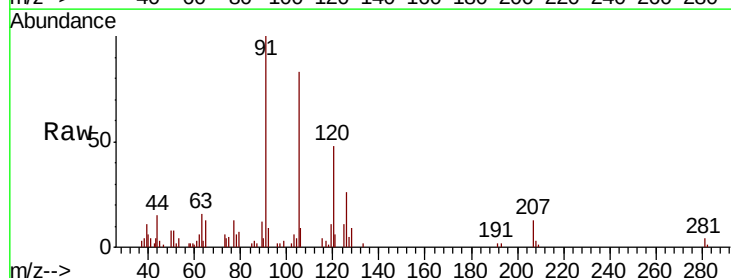
Acq: 06 May 2020 13:05

Tgt Ion: 91 Resp: 5439

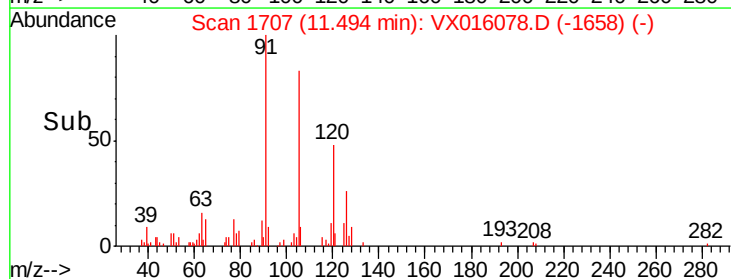
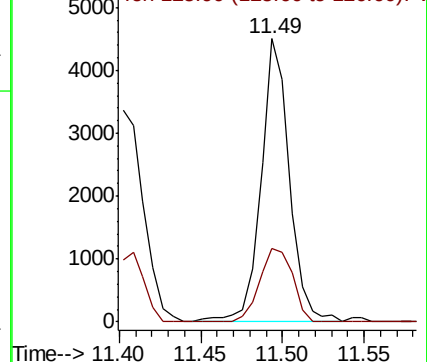
Ion Ratio Lower Upper

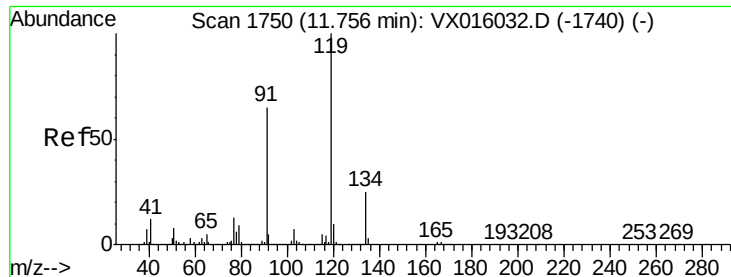
91 100

126 29.8 14.8 44.3



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





#83

tert-Butylbenzene

Concen: 0.418 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

Instrument :

MSVOA\_X

ClientSampleId :

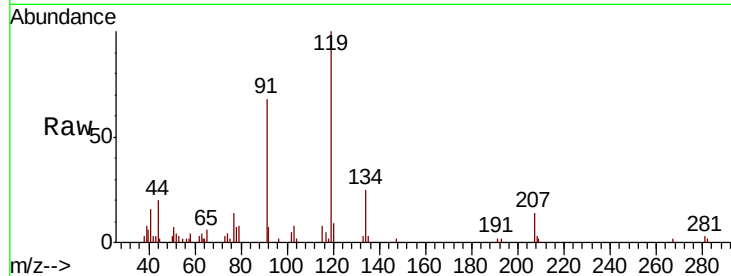
Tot Ion:119 Resp: 4562

Ion Ratio Lower Upper

119 100

91 62.3 32.8 98.4

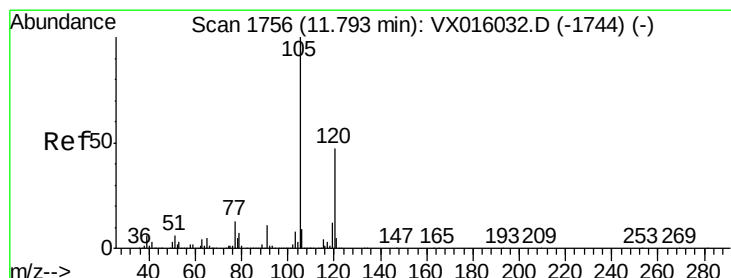
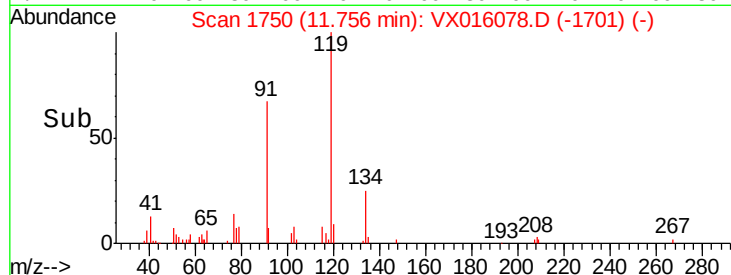
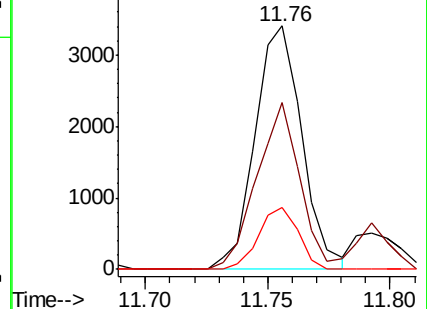
134 21.6 12.4 37.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 0.400 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016078.D

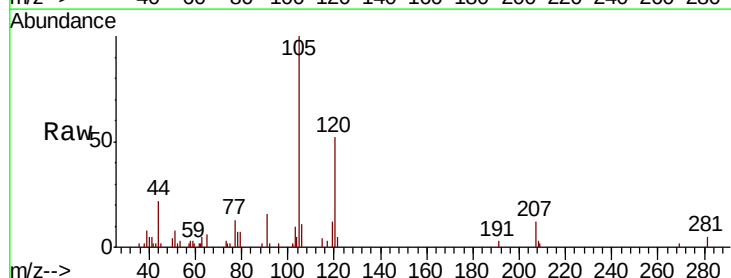
Acq: 06 May 2020 13:05

Tgt Ion:105 Resp: 5120

Ion Ratio Lower Upper

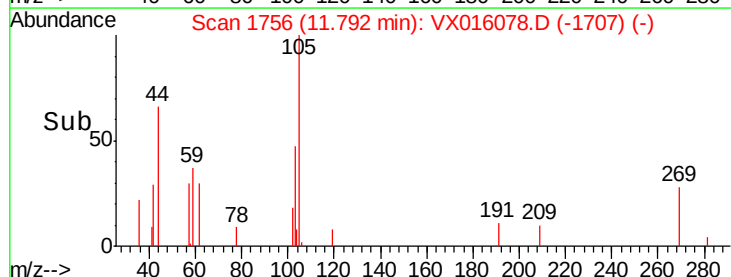
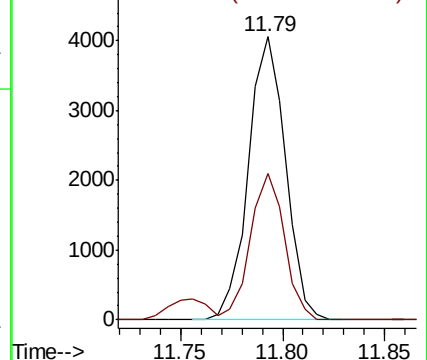
105 100

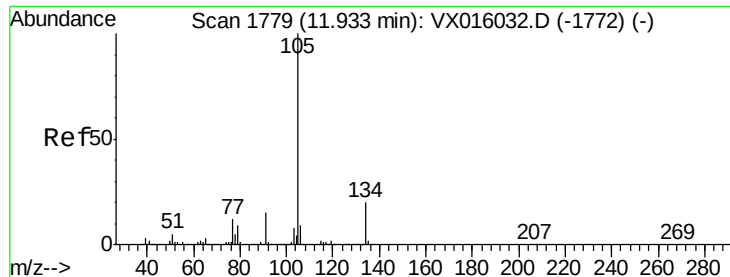
120 47.8 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.398 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

Instrument :

MSVOA\_X

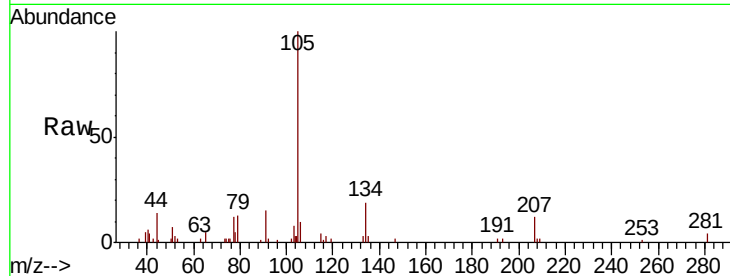
ClientSampleId :

Tot Ion:105 Resp: 5860

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

5000

4000

3000

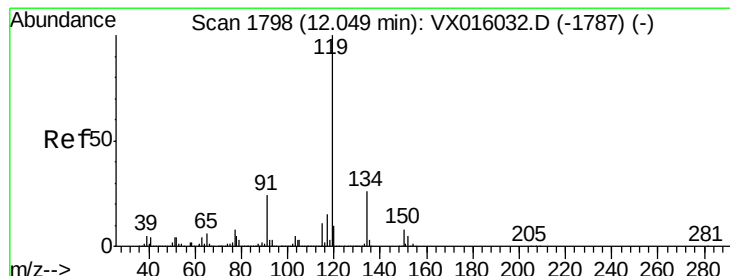
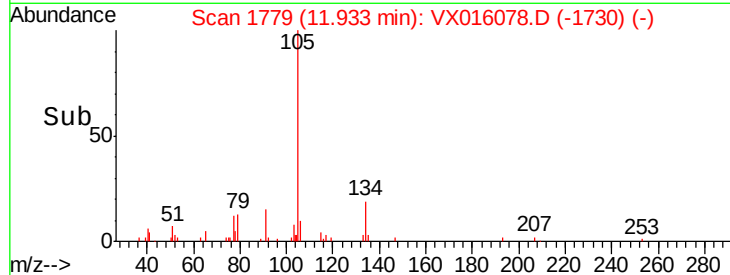
2000

1000

0

Time-->

11.90 11.95



#86

p-Isopropyltoluene

Concen: 0.414 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

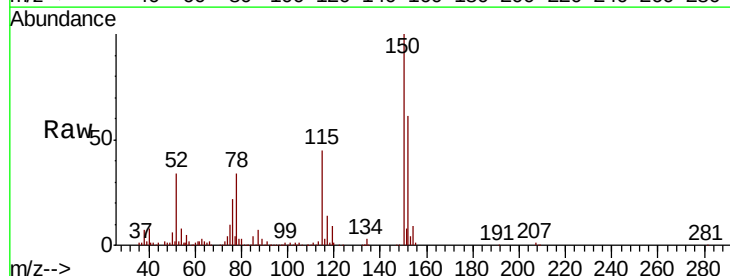
Tgt Ion:119 Resp: 5667

Ion Ratio Lower Upper

119 100

134 29.1 13.1 39.3

91 32.7 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

6000

5000

4000

3000

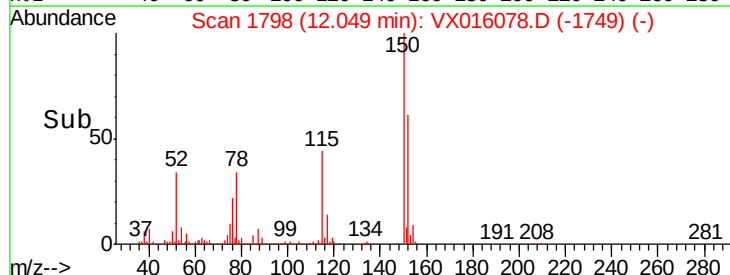
2000

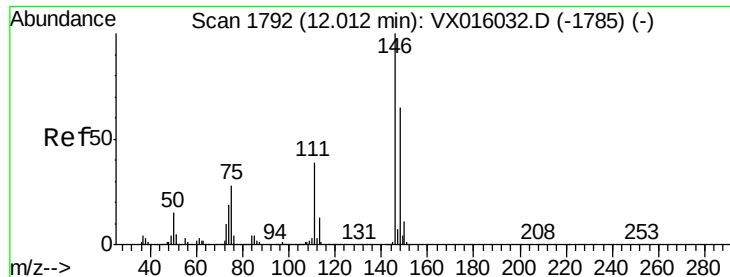
1000

0

Time-->

12.00 12.05 12.10

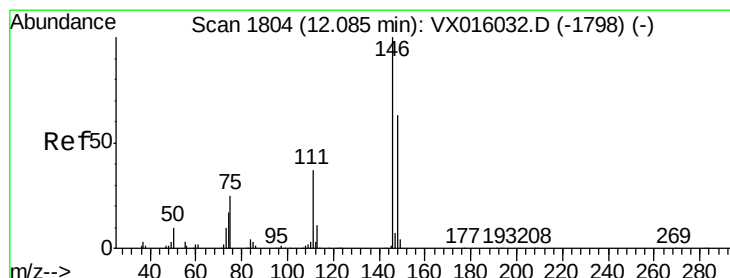
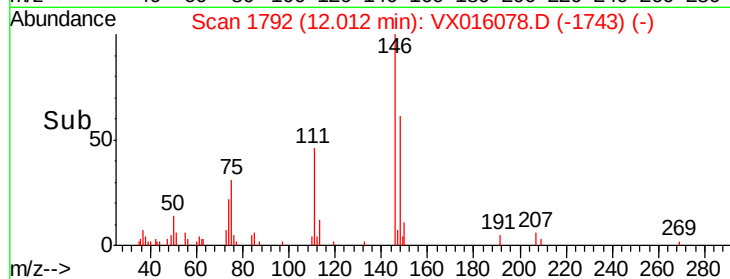
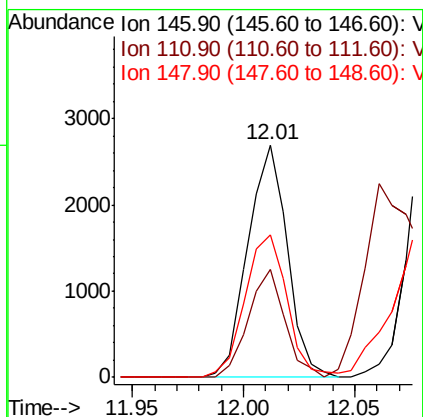
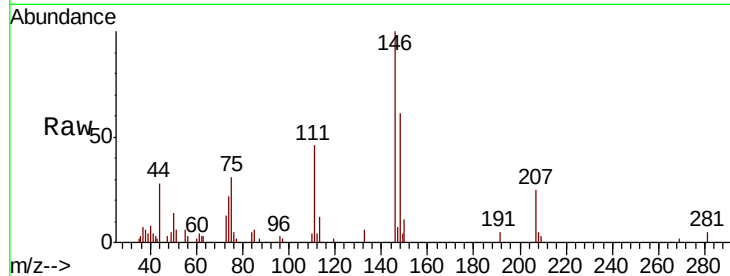




#87  
 1,3-Dichlorobenzene  
 Concen: 0.479 ug/l  
 RT: 12.01 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: VX016078.D  
 Acq: 06 May 2020 13:05

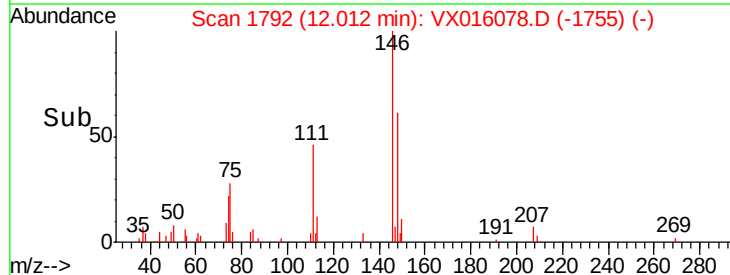
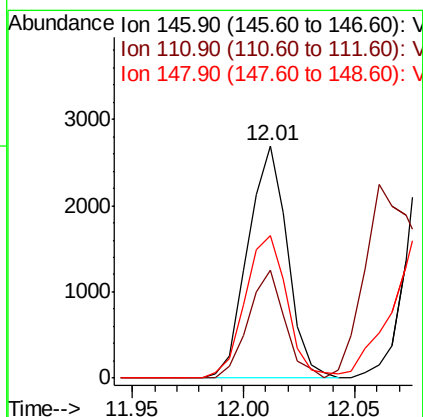
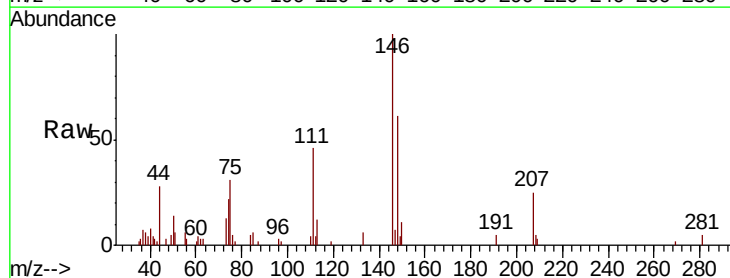
Instrument :  
 MSVOA\_X  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.0  | 20.2  | 60.6  |
| 148     | 65.8  | 32.1  | 96.3  |

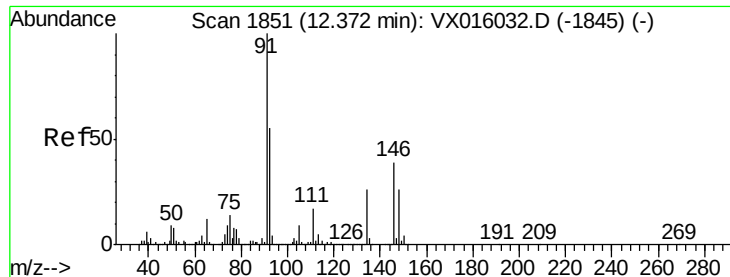


#88  
 1,4-Dichlorobenzene  
 Concen: 0.472 ug/l  
 RT: 12.01 min Scan# 1792  
 Delta R.T. -0.07 min  
 Lab File: VX016078.D  
 Acq: 06 May 2020 13:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.0  | 19.6  | 58.7  |
| 148     | 65.8  | 31.8  | 95.3  |







#89

n-Butylbenzene

Concen: 0.465 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

Instrument :

MSVOA\_X

ClientSampleId :

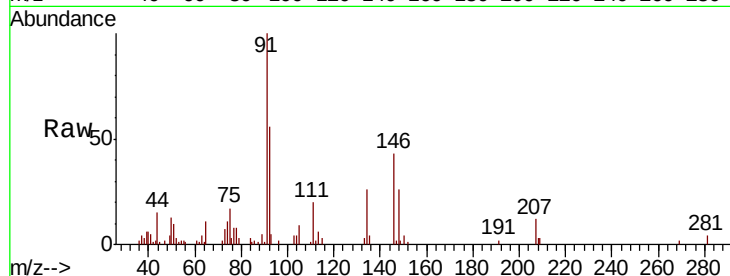
Tot Ion: 91 Resp: 5805

Ion Ratio Lower Upper

91 100

92 52.4 27.6 82.7

134 25.9 13.4 40.1

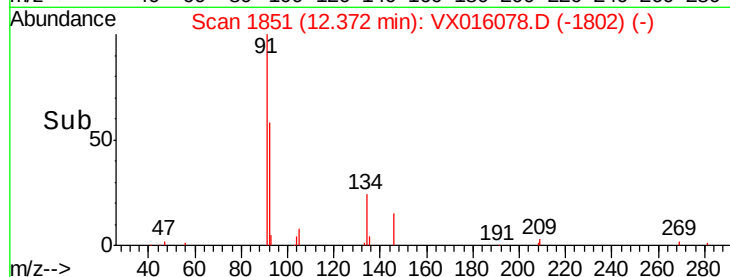


Abundance Ion 91.00 (90.70 to 91.70): VX016032.D (-1845) (-)

Ion 92.00 (91.70 to 92.70): VX016032.D (-1845) (-)

Ion 134.00 (133.70 to 134.70): VX016032.D (-1845) (-)

Time-->

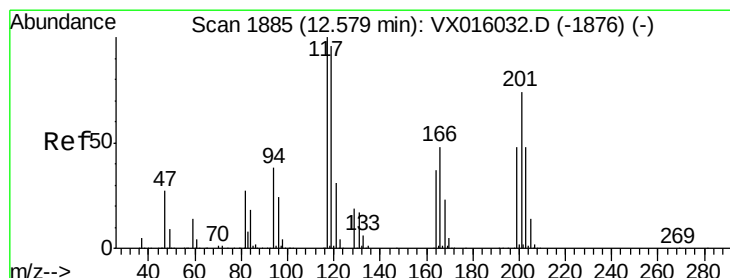


Abundance Ion 91.00 (90.70 to 91.70): VX016078.D (-1802) (-)

Ion 92.00 (91.70 to 92.70): VX016078.D (-1802) (-)

Ion 134.00 (133.70 to 134.70): VX016078.D (-1802) (-)

Time-->



#90

Hexachloroethane

Concen: 0.343 ug/l

RT: 12.59 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX016078.D

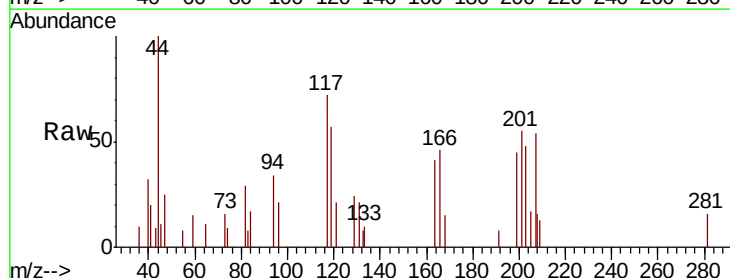
Acq: 06 May 2020 13:05

Tgt Ion: 117 Resp: 805

Ion Ratio Lower Upper

117 100

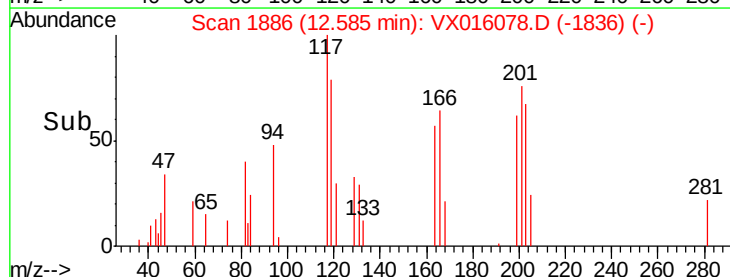
201 74.9 39.8 119.3



Abundance Ion 116.80 (116.50 to 117.50): VX016032.D (-1876) (-)

Ion 200.70 (200.40 to 201.40): VX016032.D (-1876) (-)

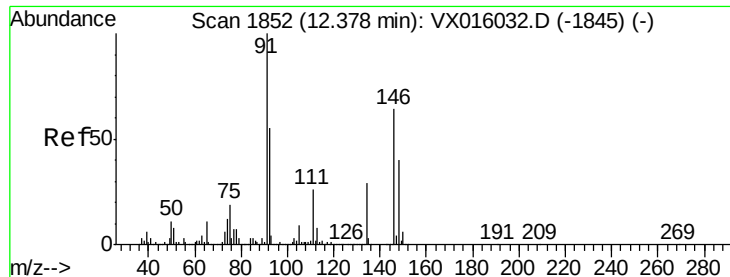
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX016078.D (-1836) (-)

Ion 200.70 (200.40 to 201.40): VX016078.D (-1836) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 0.440 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

Instrument :

MSVOA\_X

ClientSampled :

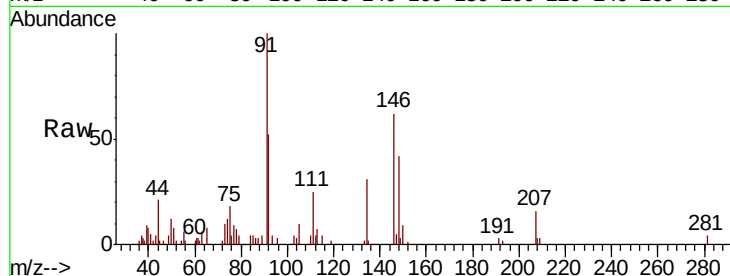
Tot Ion:146 Resp: 2946

Ion Ratio Lower Upper

146 100

111 44.3 21.1 63.1

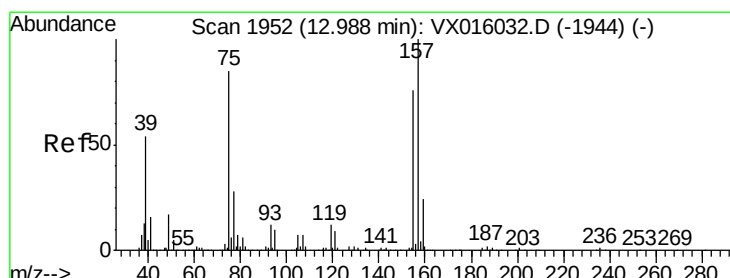
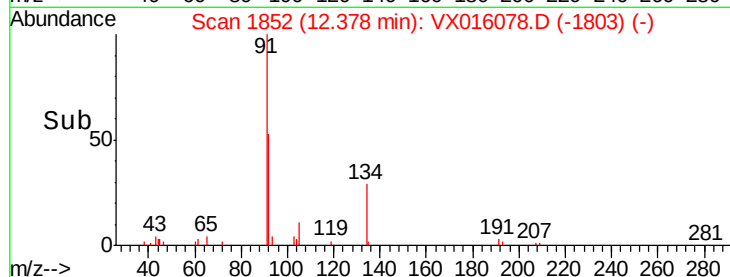
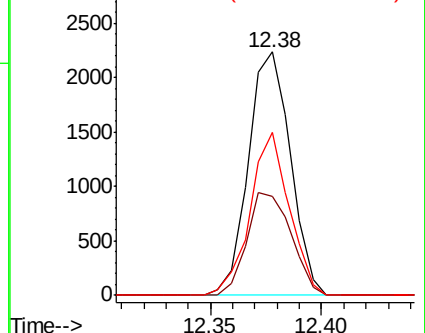
148 62.3 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.402 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

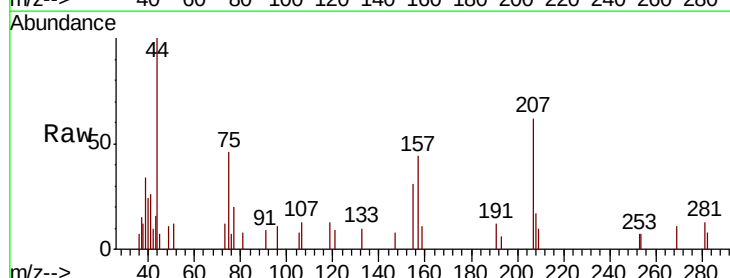
Tgt Ion: 75 Resp: 496

Ion Ratio Lower Upper

75 100

155 83.3 42.5 127.5

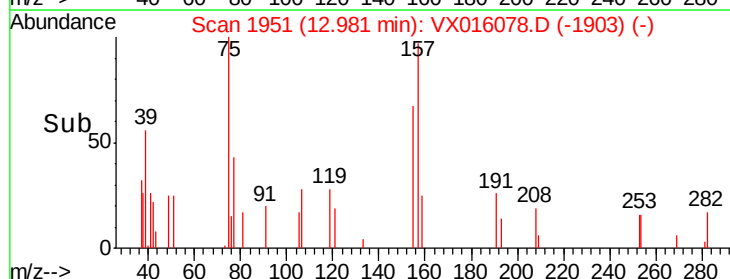
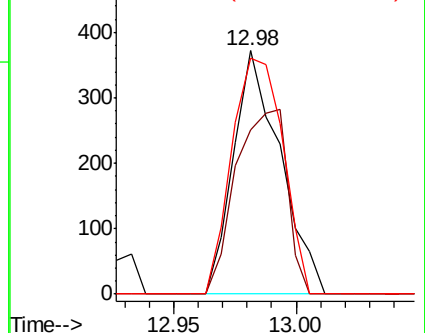
157 106.0 55.3 165.8

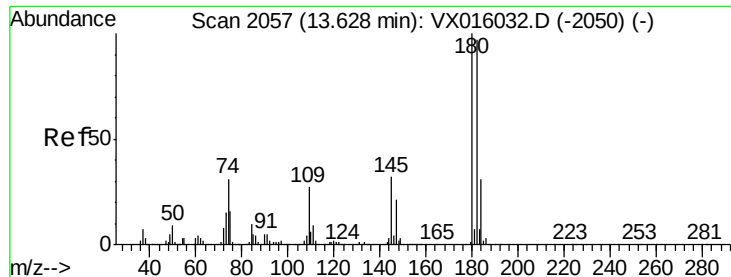


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

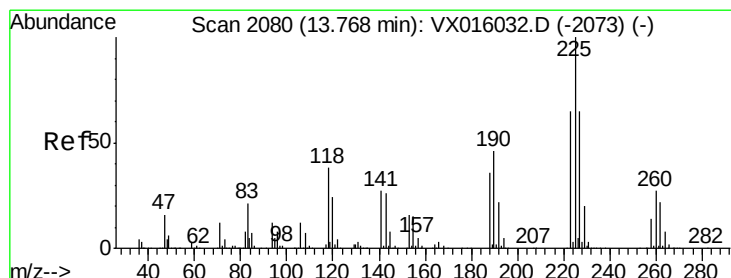
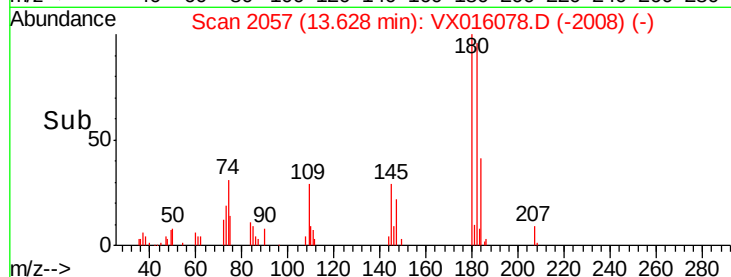
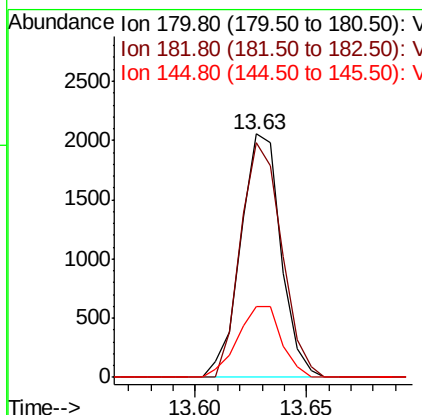
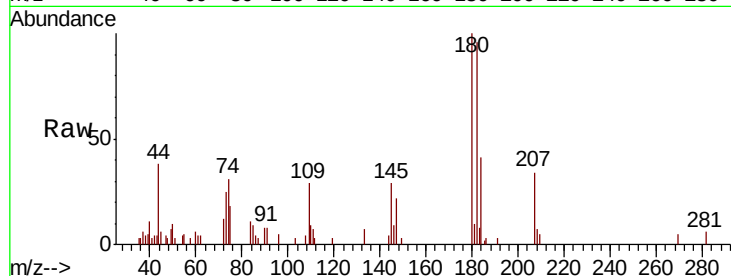




#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.523 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. -0.00 min  
 Lab File: VX016078.D  
 Acq: 06 May 2020 13:05

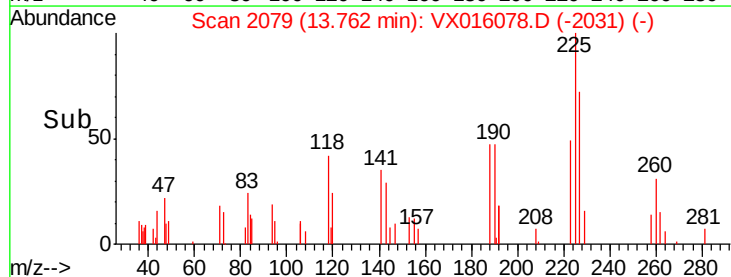
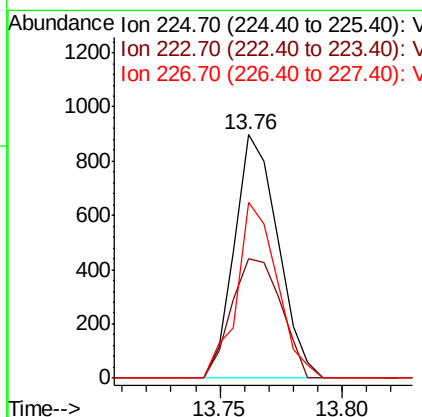
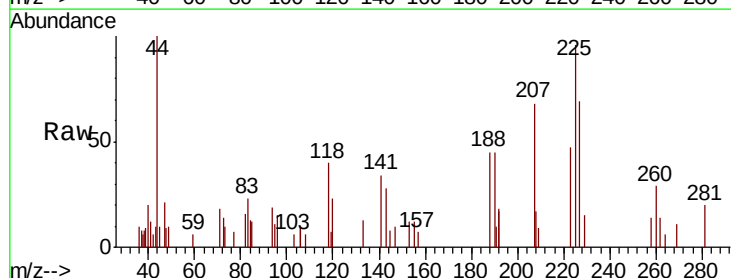
Instrument :  
 MSVOA\_X  
 ClientSampled :

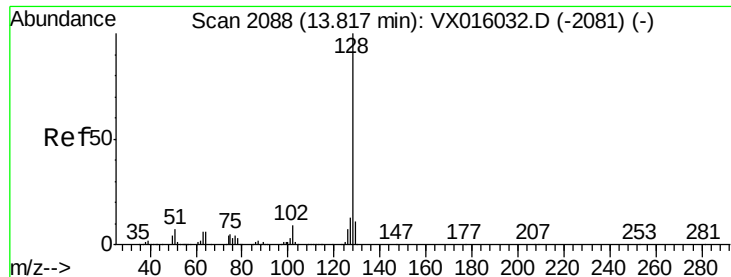
Tot Ion:180 Resp: 2588  
 Ion Ratio Lower Upper  
 180 100  
 182 98.3 48.7 146.1  
 145 31.7 15.7 47.1



#94  
 Hexachlorobutadiene  
 Concen: 0.486 ug/l  
 RT: 13.76 min Scan# 2079  
 Delta R.T. -0.01 min  
 Lab File: VX016078.D  
 Acq: 06 May 2020 13:05

Tgt Ion:225 Resp: 1112  
 Ion Ratio Lower Upper  
 225 100  
 223 55.9 32.3 96.9  
 227 66.9 31.8 95.4





#95

Naphthalene

Concen: 0.435 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

Instrument :

MSVOA\_X

ClientSampleId :

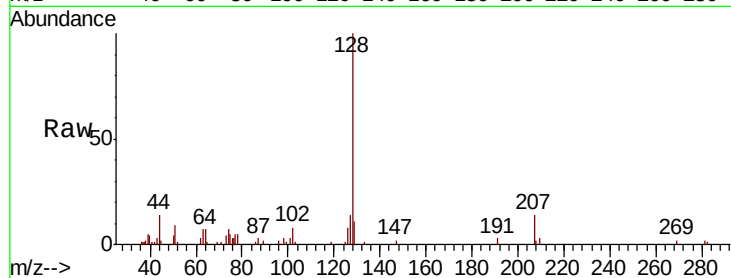
Tot Ion:128 Resp: 6968

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

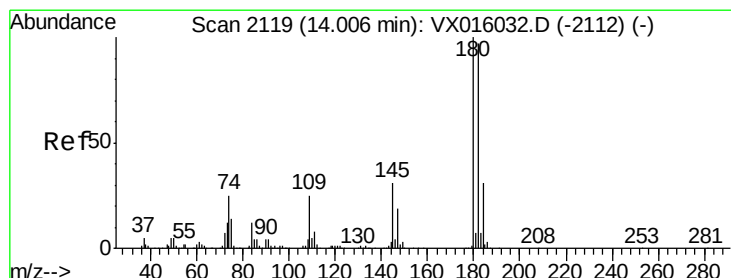
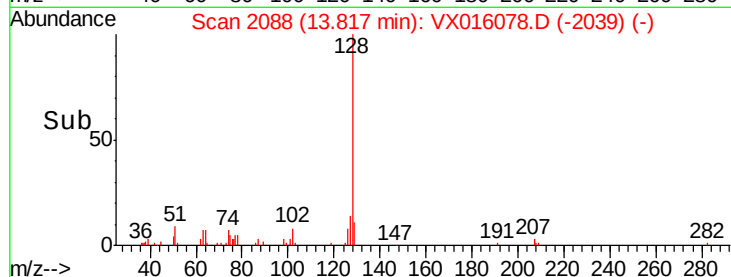
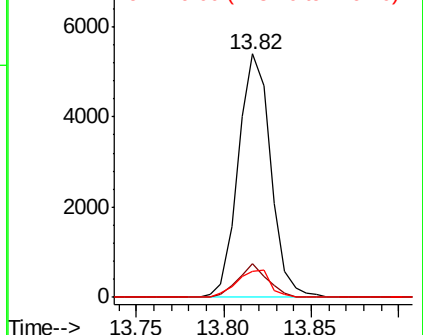
129 11.4 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.527 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016078.D

Acq: 06 May 2020 13:05

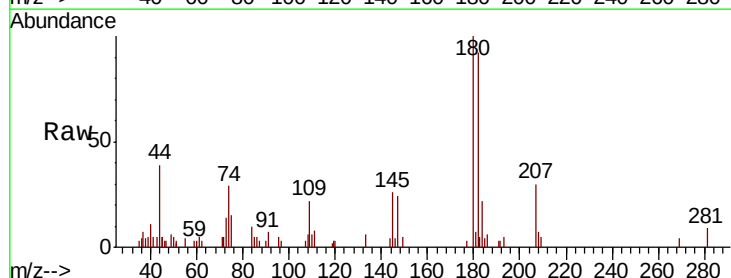
Tgt Ion:180 Resp: 2550

Ion Ratio Lower Upper

180 100

182 86.1 48.4 145.0

145 28.9 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

