

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032021\  
 Data File : VX021296.D  
 Acq On : 19 Mar 2021 11:27  
 Operator : JC/MD  
 Sample : VSTDCCC005EC  
 Misc : 25.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTD005311

Quant Time: Mar 20 00:01:24 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXTR031821WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Mar 19 23:59:09 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 6.823          | 114  | 55564      | 5.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.094         | 117  | 51450      | 5.00    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.059         | 152  | 24983      | 5.00    | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 1.387          | 65   | 17289      | 4.98    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 40 - 130 |      | Recovery = | 99.60%  |        |          |
| 7) Chloroethane-d5            | 1.693          | 69   | 13651      | 4.96    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 65 - 130 |      | Recovery = | 99.20%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.340          | 63   | 41843      | 5.16    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 60 - 125 |      | Recovery = | 103.20% |        |          |
| 20) 2-Butanone-d5             | 4.523          | 46   | 50217      | 52.57   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 40 - 130 |      | Recovery = | 105.14% |        |          |
| 24) Chloroform-d              | 5.135          | 84   | 40315      | 5.26    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 125 |      | Recovery = | 105.20% |        |          |
| 26) 1,2-Dichloroethane-d4     | 6.023          | 65   | 21915      | 4.92    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 130 |      | Recovery = | 98.40%  |        |          |
| 32) Benzene-d6                | 6.041          | 84   | 71634      | 5.21    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 125 |      | Recovery = | 104.20% |        |          |
| 36) 1,2-Dichloropropane-d6    | 7.364          | 67   | 22413      | 5.20    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 60 - 140 |      | Recovery = | 104.00% |        |          |
| 41) Toluene-d8                | 8.694          | 98   | 68347      | 5.00    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 130 |      | Recovery = | 100.00% |        |          |
| 43) trans-1,3-Dichloroprop... | 8.994          | 79   | 9826       | 5.08    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 55 - 130 |      | Recovery = | 101.60% |        |          |
| 46) 2-Hexanone-d5             | 9.423          | 63   | 39153      | 51.36   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 45 - 130 |      | Recovery = | 102.72% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.230         | 84   | 17089      | 5.18    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 65 - 120 |      | Recovery = | 103.60% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.359         | 152  | 24453      | 5.26    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 80 - 120 |      | Recovery = | 105.20% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.181          | 85   | 34929      | 5.38    | ug/L   | 99       |
| 3) Chloromethane              | 1.311          | 50   | 31663      | 4.92    | ug/L   | 99       |
| 5) Vinyl chloride             | 1.393          | 62   | 26803      | 5.34    | ug/L   | 98       |
| 6) Bromomethane               | 1.634          | 94   | 10972      | 5.35    | ug/L   | 92       |
| 8) Chloroethane               | 1.711          | 64   | 15297      | 5.37    | ug/L   | 94       |
| 9) Trichlorofluoromethane     | 1.917          | 101  | 40150      | 5.44    | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.364          | 101  | 23579      | 5.54    | ug/L   | 94       |
| 12) 1,1-Dichloroethene        | 2.352          | 96   | 21161      | 5.40    | ug/L   | 84       |
| 13) Acetone                   | 2.417          | 43   | 35157      | 52.54   | ug/L   | 87       |
| 14) Carbon disulfide          | 2.546          | 76   | 69822      | 5.33    | ug/L   | 100      |
| 15) Methyl Acetate            | 2.746          | 43   | 9530       | 5.16    | ug/L   | 91       |
| 16) Methylene chloride        | 2.828          | 84   | 24280      | 4.90    | ug/L   | 80       |
| 17) Methyl tert-butyl Ether   | 3.164          | 73   | 54085      | 5.43    | ug/L # | 94       |
| 18) trans-1,2-Dichloroethene  | 3.140          | 96   | 22255      | 5.34    | ug/L   | 93       |
| 19) 1,1-Dichloroethane        | 3.664          | 63   | 42129      | 5.44    | ug/L   | 99       |
| 21) 2-Butanone                | 4.629          | 43   | 59114      | 53.90   | ug/L   | 90       |
| 22) cis-1,2-Dichloroethene    | 4.558          | 96   | 23812      | 5.34    | ug/L   | 84       |
| 23) Bromochloromethane        | 4.976          | 128  | 10104      | 5.60    | ug/L # | 80       |
| 25) Chloroform                | 5.170          | 83   | 43956      | 5.39    | ug/L   | 98       |
| 27) 1,2-Dichloroethane        | 6.152          | 62   | 29870      | 5.36    | ug/L # | 94       |

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 Sample : VSTDCCC005EC  
 Misc : 25.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTD005311

Quant Time: Mar 20 00:01:24 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXTR031821WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Mar 19 23:59:09 2021  
 Response via : Initial Calibration

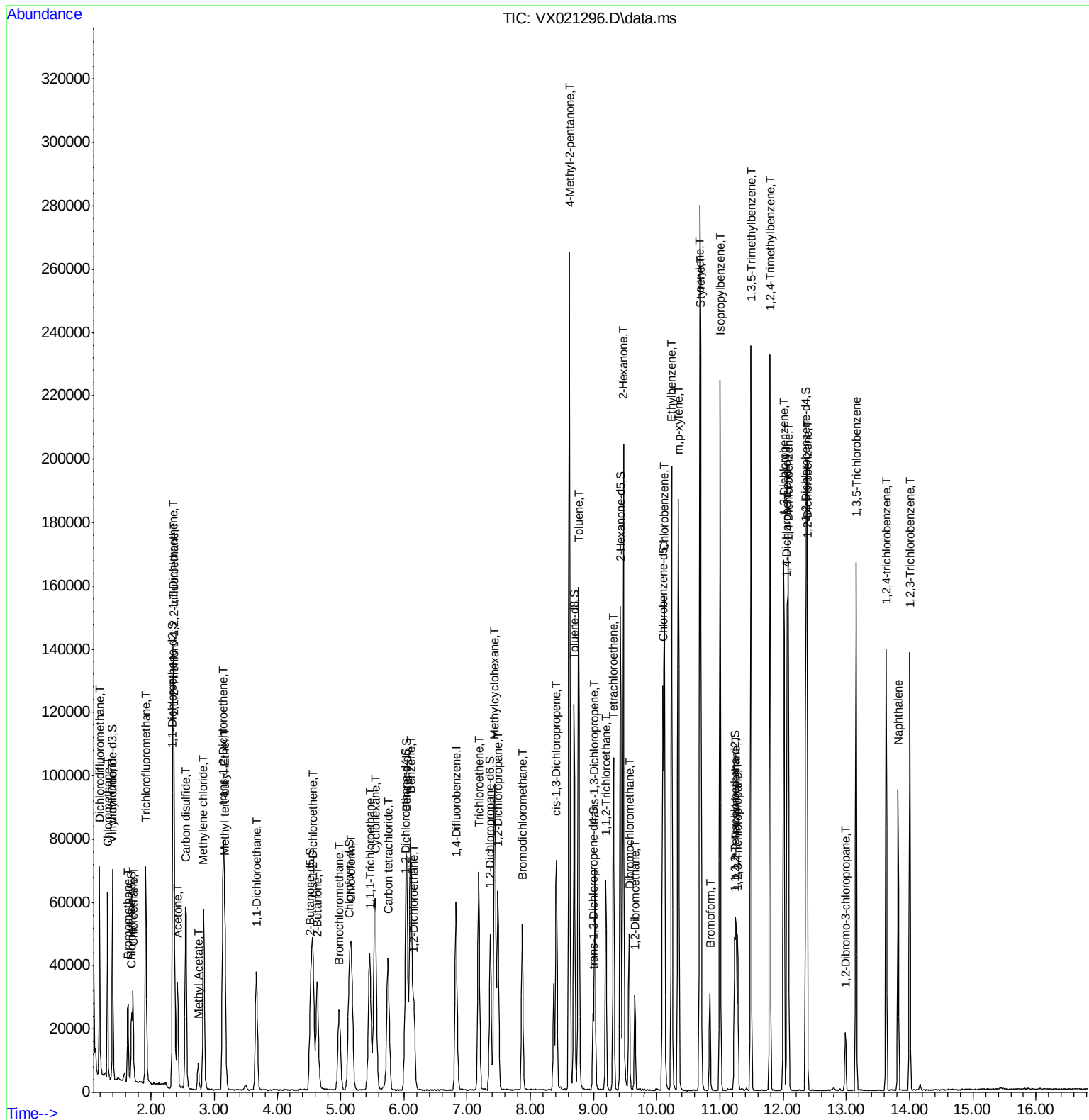
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 29) 1,1,1-Trichloroethane     | 5.458  | 97   | 40711    | 5.44  | ug/L   | 97       |
| 30) Cyclohexane               | 5.546  | 56   | 40868    | 5.39  | ug/L   | 92       |
| 31) Carbon tetrachloride      | 5.746  | 117  | 35642    | 5.38  | ug/L   | 100      |
| 33) Benzene                   | 6.105  | 78   | 90967    | 5.36  | ug/L   | 100      |
| 34) Trichloroethene           | 7.182  | 95   | 25612    | 5.51  | ug/L   | 94       |
| 35) Methylcyclohexane         | 7.435  | 83   | 39708    | 5.32  | ug/L   | 95       |
| 37) 1,2-Dichloropropane       | 7.488  | 63   | 23718    | 5.52  | ug/L # | 97       |
| 38) Bromodichloromethane      | 7.870  | 83   | 31903    | 5.41  | ug/L   | 99       |
| 39) cis-1,3-Dichloropropene   | 8.412  | 75   | 34875    | 5.34  | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 8.617  | 43   | 149638   | 54.74 | ug/L # | 89       |
| 42) Toluene                   | 8.765  | 91   | 97992    | 5.44  | ug/L   | 96       |
| 44) trans-1,3-Dichloropropene | 9.017  | 75   | 29746    | 5.38  | ug/L   | 95       |
| 45) 1,1,2-Trichloroethane     | 9.194  | 97   | 15801    | 5.48  | ug/L   | 98       |
| 47) Tetrachloroethene         | 9.312  | 164  | 18615    | 5.42  | ug/L   | 94       |
| 48) 2-Hexanone                | 9.470  | 43   | 105185   | 53.31 | ug/L # | 89       |
| 49) Dibromochloromethane      | 9.565  | 129  | 19805    | 5.35  | ug/L   | 96       |
| 50) 1,2-Dibromoethane         | 9.653  | 107  | 15305    | 5.47  | ug/L   | 94       |
| 51) Chlorobenzene             | 10.118 | 112  | 61278    | 5.39  | ug/L   | 95       |
| 52) Ethylbenzene              | 10.235 | 91   | 112549   | 5.43  | ug/L   | 96       |
| 53) m,p-xylene                | 10.341 | 106  | 40370    | 5.26  | ug/L   | 92       |
| 54) o-xylene                  | 10.682 | 106  | 39525    | 5.46  | ug/L   | 98       |
| 55) Styrene                   | 10.694 | 104  | 66864    | 5.39  | ug/L   | 90       |
| 57) 1,1,2,2-Tetrachloroethane | 11.253 | 83   | 18801    | 5.38  | ug/L   | 95       |
| 59) Bromoform                 | 10.841 | 173  | 10736    | 5.58  | ug/L   | 98       |
| 60) Isopropylbenzene          | 11.000 | 105  | 109420   | 5.69  | ug/L   | 97       |
| 61) 1,2,3-Trichloropropane    | 11.277 | 75   | 14322    | 5.43  | ug/L   | 99       |
| 62) 1,3,5-Trimethylbenzene    | 11.488 | 105  | 92296    | 5.59  | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 11.788 | 105  | 94397    | 5.69  | ug/L   | 98       |
| 64) 1,3-Dichlorobenzene       | 12.006 | 146  | 45361    | 5.26  | ug/L   | 91       |
| 65) 1,4-Dichlorobenzene       | 12.083 | 146  | 47381    | 5.46  | ug/L   | 95       |
| 67) 1,2-Dichlorobenzene       | 12.377 | 146  | 43529    | 5.62  | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.983 | 75   | 3580     | 5.48  | ug/L   | 82       |
| 69) 1,3,5-Trichlorobenzene    | 13.153 | 180  | 36340    | 5.64  | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.630 | 180  | 29227    | 5.31  | ug/L   | 96       |
| 71) Naphthalene               | 13.818 | 128  | 56262    | 5.66  | ug/L   | 100      |
| 72) 1,2,3-Trichlorobenzene    | 14.000 | 180  | 27508    | 5.69  | ug/L   | 96       |

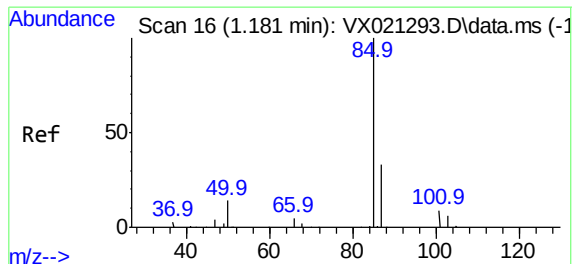
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Sample : VSTDCCC005EC  
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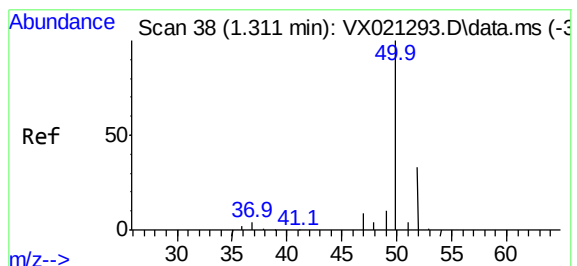
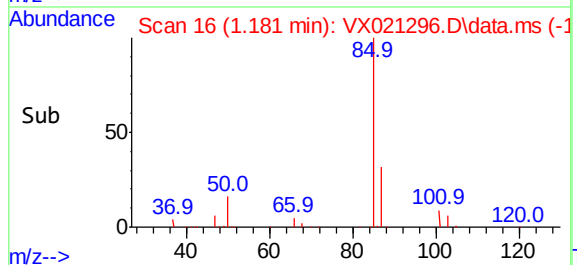
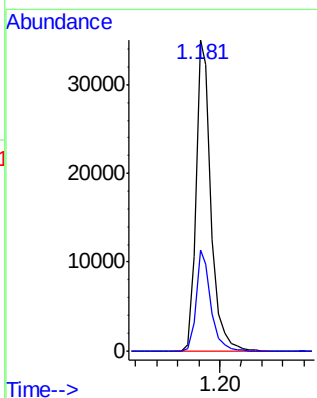
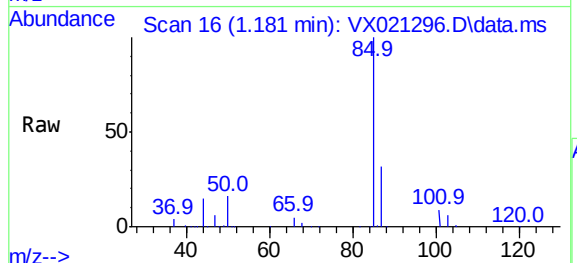




#2  
Dichlorodifluoromethane  
Concen: 5.38 ug/L  
RT: 1.181 min Scan# 16  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

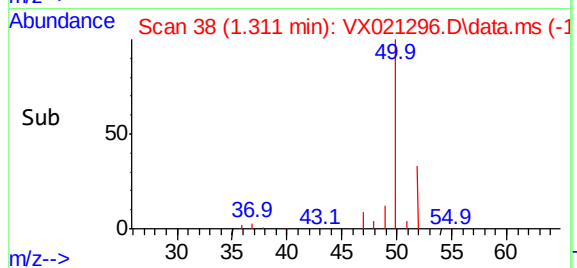
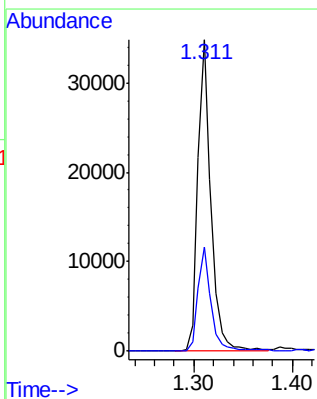
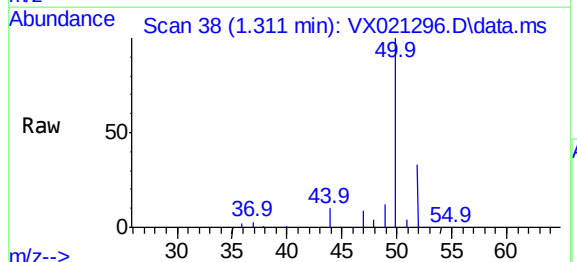
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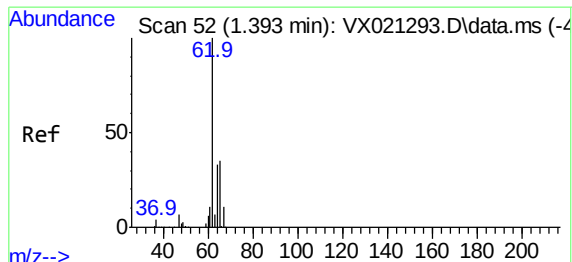
Tgt Ion: 85 Resp: 34929  
Ion Ratio Lower Upper  
85 100  
87 31.6 25.8 38.8



#3  
Chloromethane  
Concen: 4.92 ug/L  
RT: 1.311 min Scan# 38  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

Tgt Ion: 50 Resp: 31663  
Ion Ratio Lower Upper  
50 100  
52 33.2 23.5 43.7

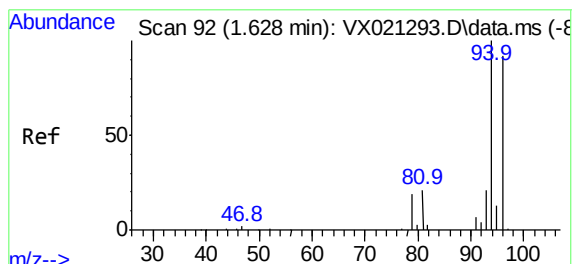
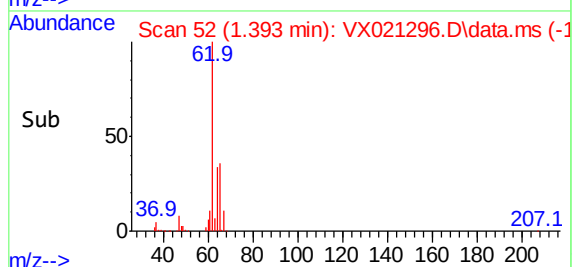
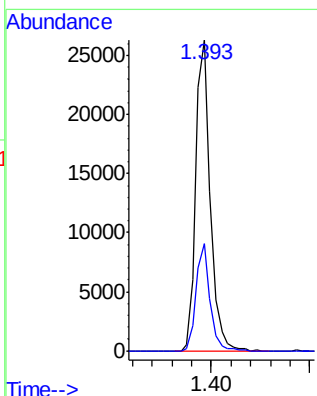
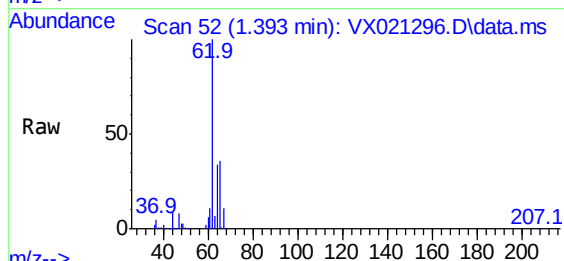




#5  
 Vinyl chloride  
 Concen: 5.34 ug/L  
 RT: 1.393 min Scan# 52  
 Delta R.T. -0.000 min  
 Lab File: VX021296.D  
 Acq: 19 Mar 2021 11:27

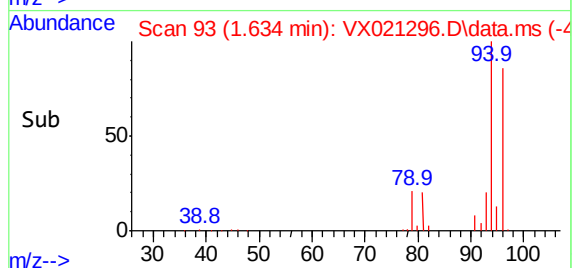
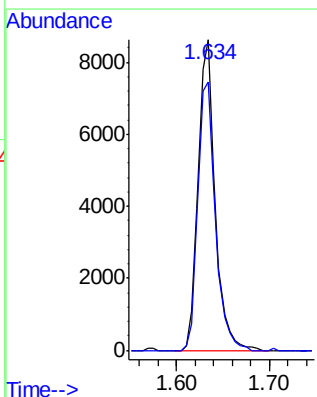
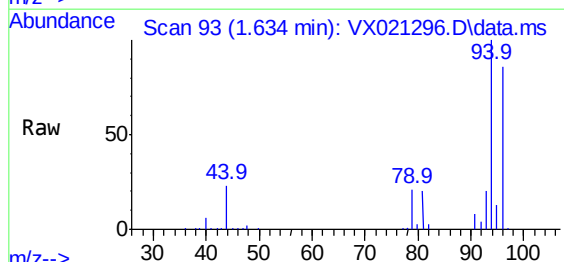
Instrument :  
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 ClientSampleId :  
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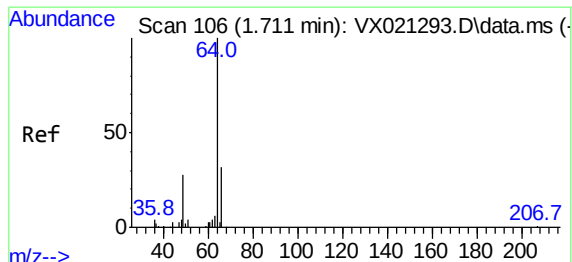
Tgt Ion: 62 Resp: 26803  
 Ion Ratio Lower Upper  
 62 100  
 64 34.3 23.2 43.2



#6  
 Bromomethane  
 Concen: 5.35 ug/L  
 RT: 1.634 min Scan# 93  
 Delta R.T. 0.006 min  
 Lab File: VX021296.D  
 Acq: 19 Mar 2021 11:27

Tgt Ion: 94 Resp: 10972  
 Ion Ratio Lower Upper  
 94 100  
 96 86.2 65.7 121.9

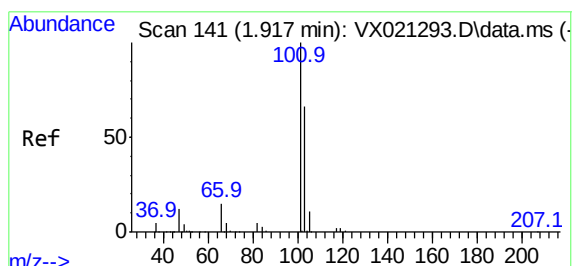
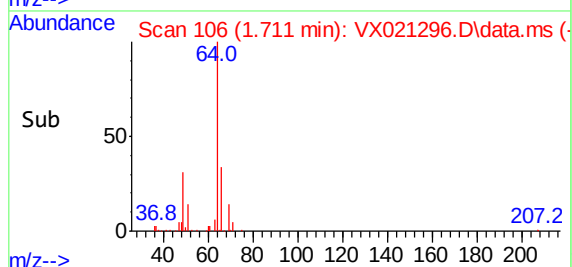
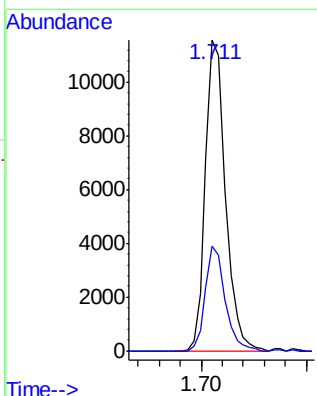
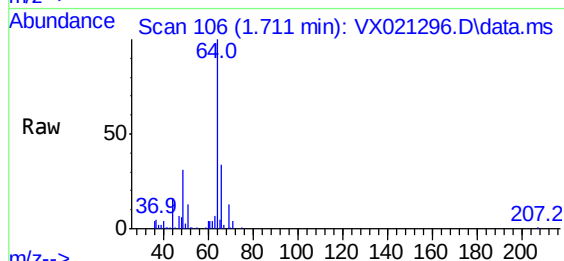




#8  
Chloroethane  
Concen: 5.37 ug/L  
RT: 1.711 min Scan# 106  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

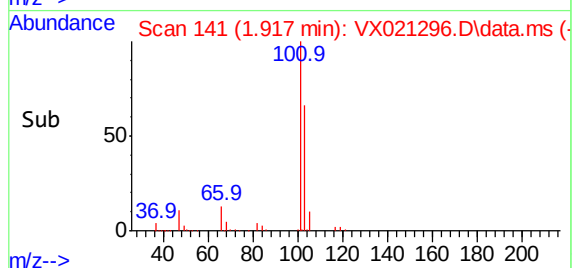
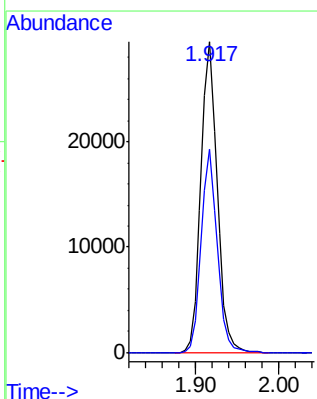
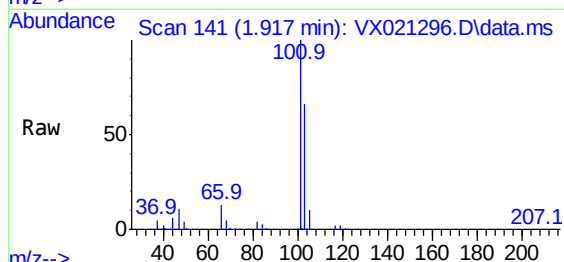
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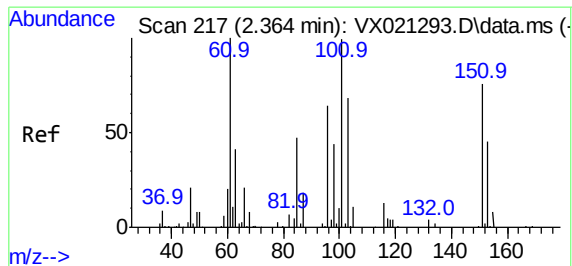
Tgt Ion: 64 Resp: 15297  
Ion Ratio Lower Upper  
64 100  
66 33.6 21.4 39.8



#9  
Trichlorofluoromethane  
Concen: 5.44 ug/L  
RT: 1.917 min Scan# 141  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

Tgt Ion:101 Resp: 40150  
Ion Ratio Lower Upper  
101 100  
103 63.8 51.0 76.6

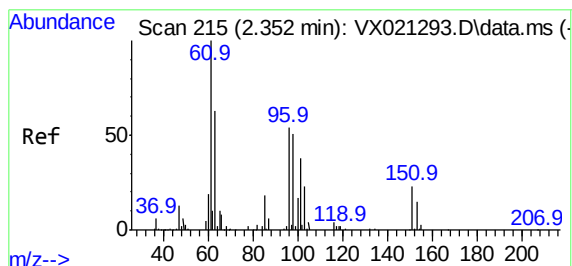
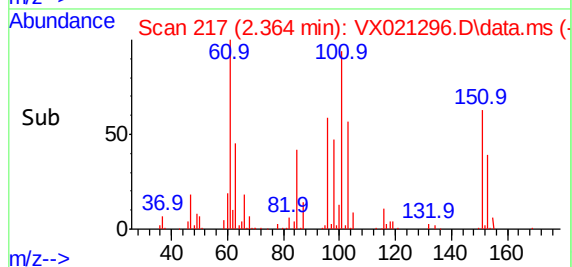
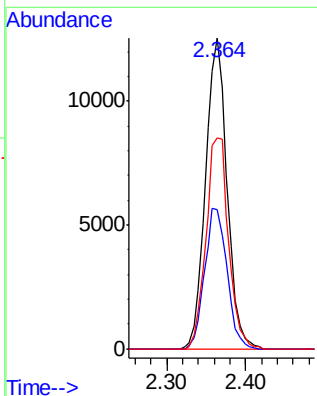
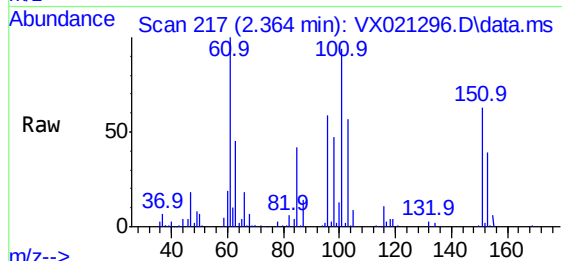




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 5.54 ug/L  
 RT: 2.364 min Scan# 217  
 Delta R.T. -0.000 min  
 Lab File: VX021296.D  
 Acq: 19 Mar 2021 11:27

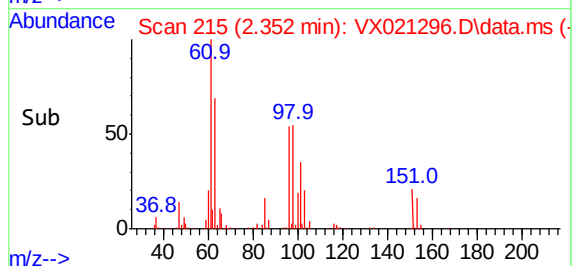
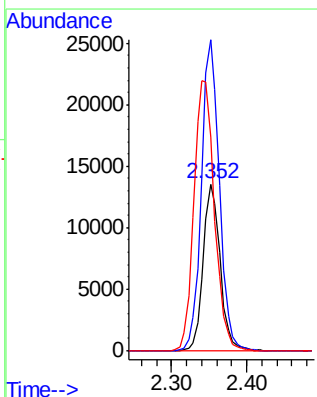
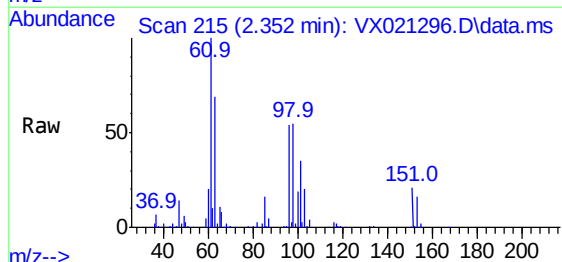
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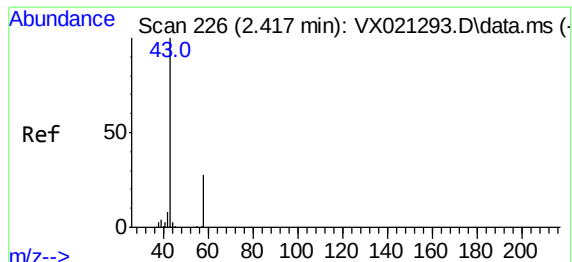
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 Ion Ratio Lower Upper  
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 151 71.4 61.0 91.6



#12  
 1,1-Dichloroethene  
 Concen: 5.40 ug/L  
 RT: 2.352 min Scan# 215  
 Delta R.T. -0.000 min  
 Lab File: VX021296.D  
 Acq: 19 Mar 2021 11:27

Tgt Ion: 96 Resp: 21161  
 Ion Ratio Lower Upper  
 96 100  
 61 186.9 118.2 219.6  
 63 128.5 74.2 137.8

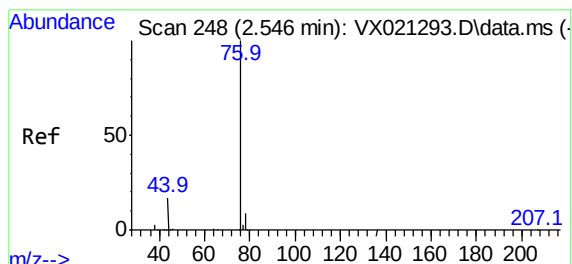
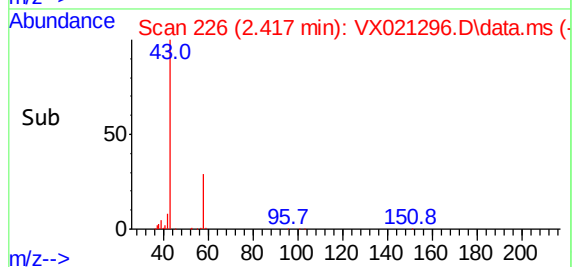
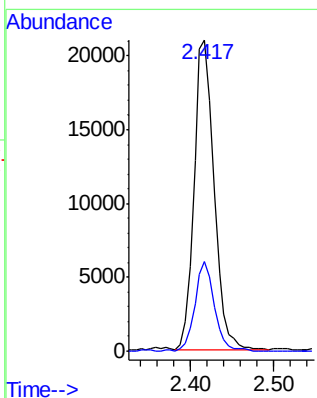
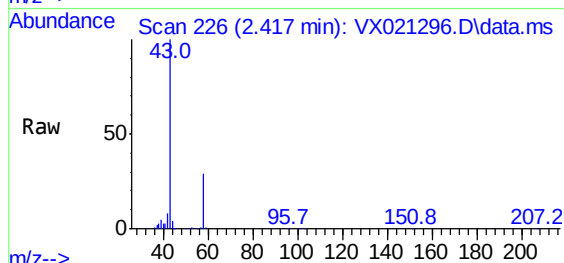




#13  
Acetone  
Concen: 52.54 ug/L  
RT: 2.417 min Scan# 226  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

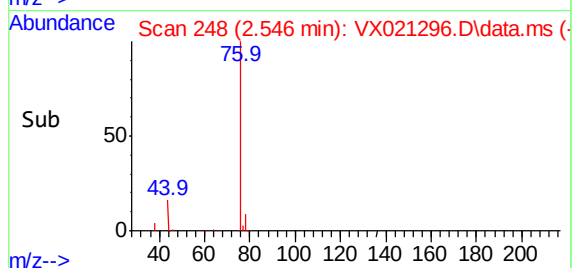
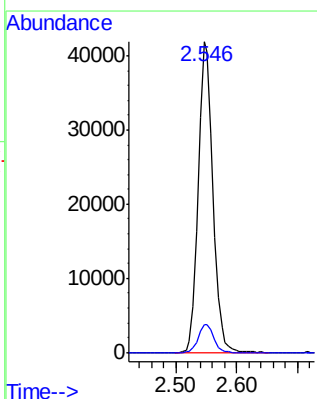
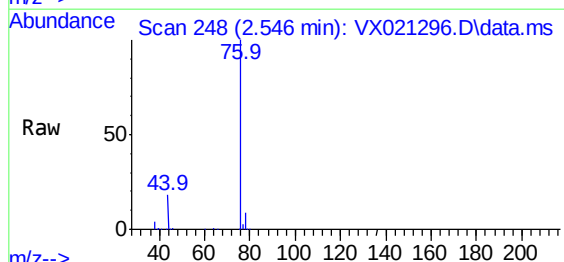
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD005311

Tgt Ion: 43 Resp: 35157  
Ion Ratio Lower Upper  
43 100  
58 27.8 0.0 70.4

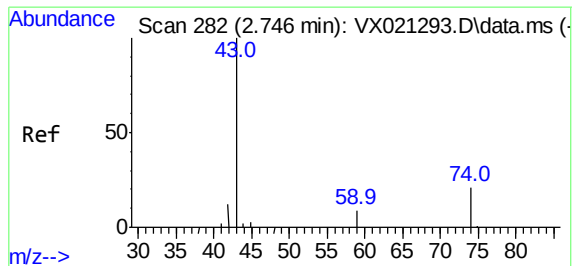


#14  
Carbon disulfide  
Concen: 5.33 ug/L  
RT: 2.546 min Scan# 248  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

Tgt Ion: 76 Resp: 69822  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.0 10.6



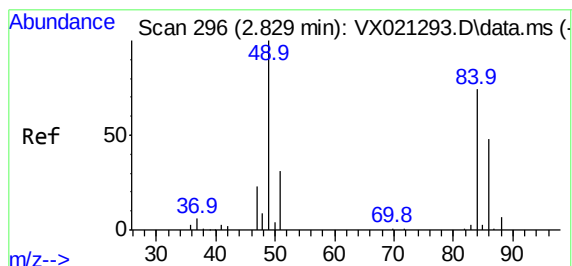
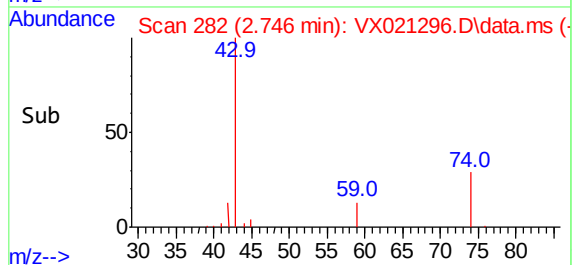
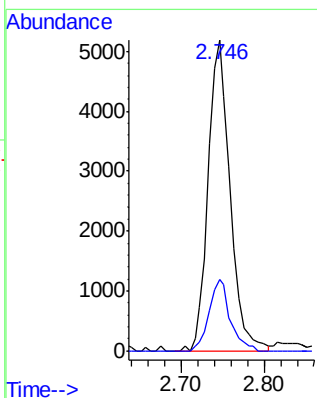
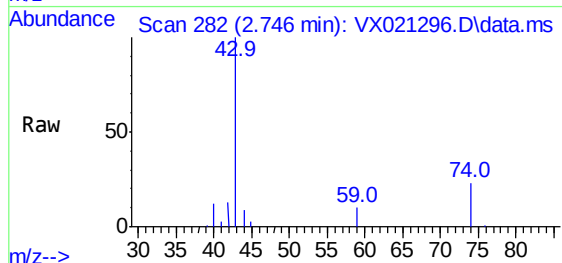




#15  
Methyl Acetate  
Concen: 5.16 ug/L  
RT: 2.746 min Scan# 282  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

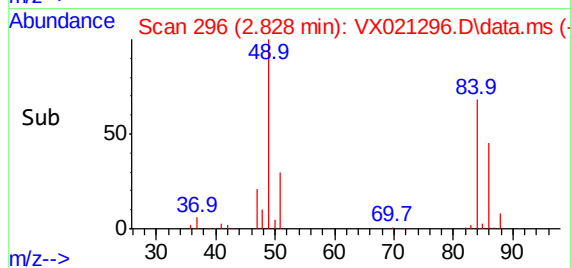
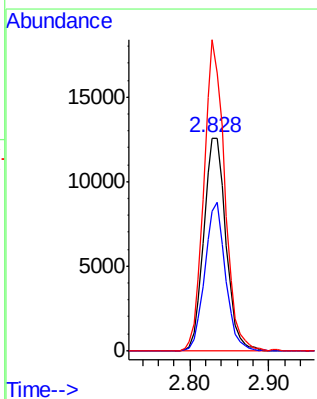
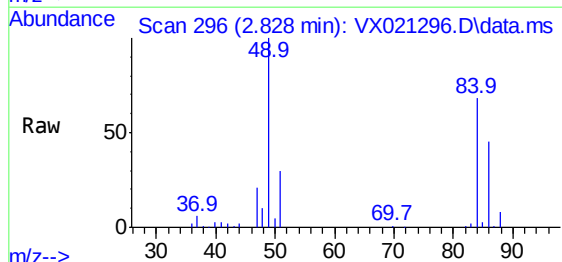
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD005311

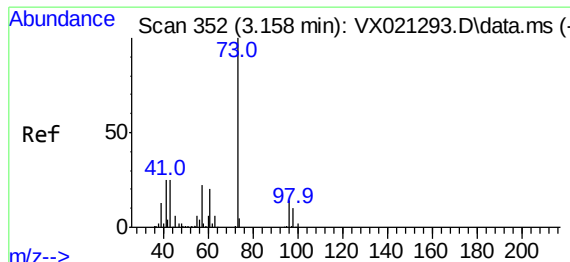
Tgt Ion: 43 Resp: 9530  
Ion Ratio Lower Upper  
43 100  
74 22.0 21.1 31.7



#16  
Methylene chloride  
Concen: 4.90 ug/L  
RT: 2.828 min Scan# 296  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

Tgt Ion: 84 Resp: 24280  
Ion Ratio Lower Upper  
84 100  
86 65.3 44.6 82.8  
49 146.4 79.5 147.6





#17

Methyl tert-butyl Ether

Concen: 5.43 ug/L

RT: 3.164 min Scan# 353

Delta R.T. 0.006 min

Lab File: VX021296.D

Acq: 19 Mar 2021 11:27

Tgt Ion: 73 Resp: 54085

Ion Ratio Lower Upper

73 100

43 25.1 15.1 22.7#

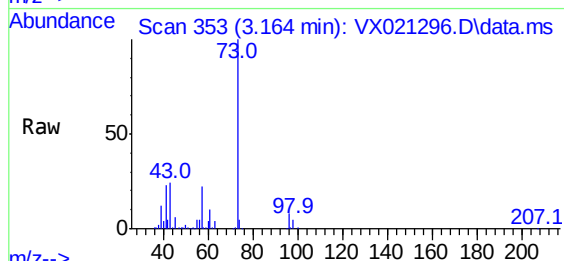
57 21.8 17.4 26.2

Instrument :

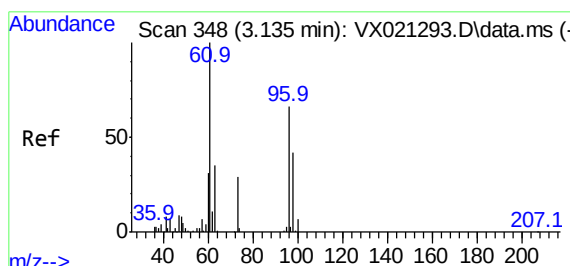
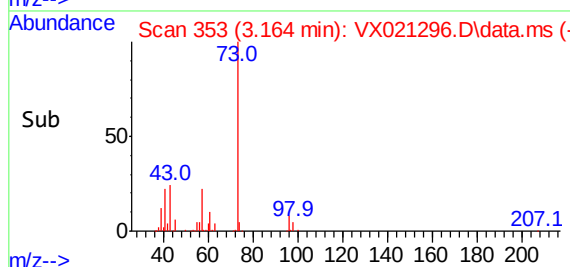
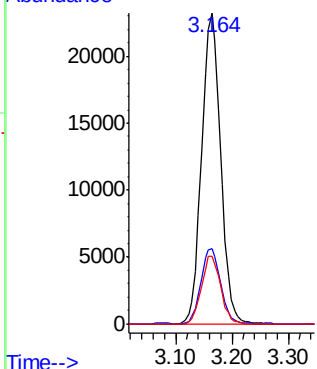
MSVOA\_X

ClientSampleId :

VSTD005311



Abundance



#18

trans-1,2-Dichloroethene

Concen: 5.34 ug/L

RT: 3.140 min Scan# 349

Delta R.T. 0.006 min

Lab File: VX021296.D

Acq: 19 Mar 2021 11:27

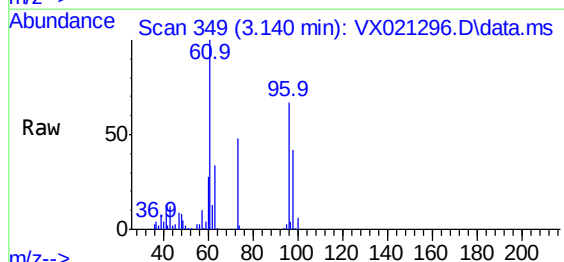
Tgt Ion: 96 Resp: 22255

Ion Ratio Lower Upper

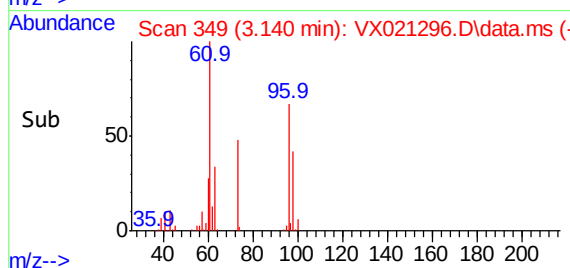
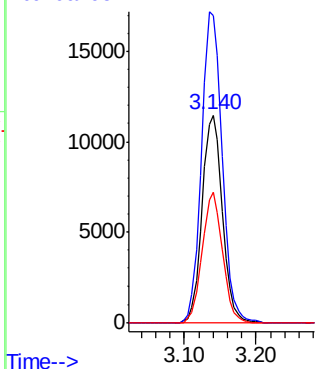
96 100

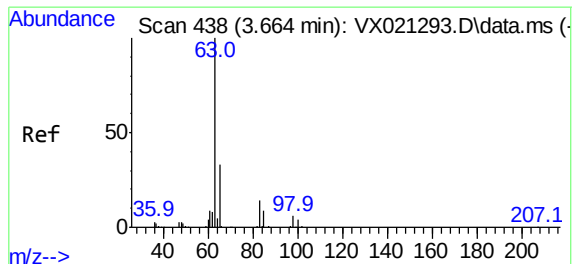
61 148.3 95.4 177.2

98 63.0 44.2 82.2



Abundance

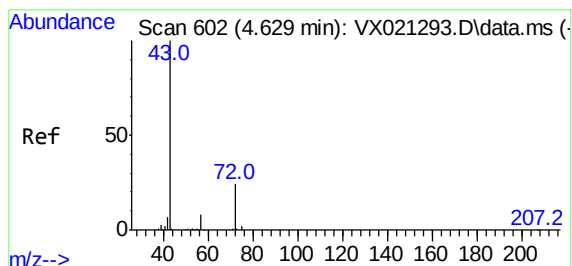
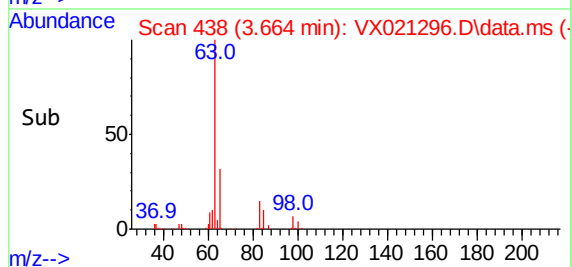
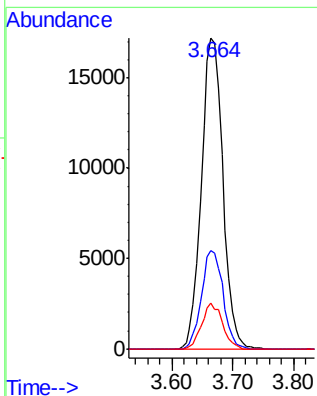
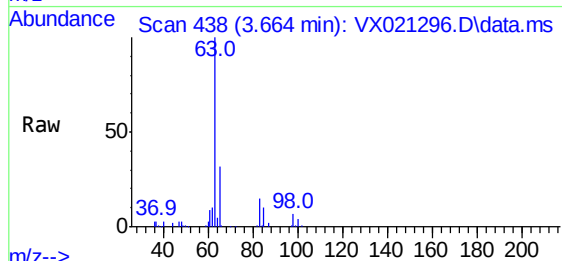




#19  
1,1-Dichloroethane  
Concen: 5.44 ug/L  
RT: 3.664 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

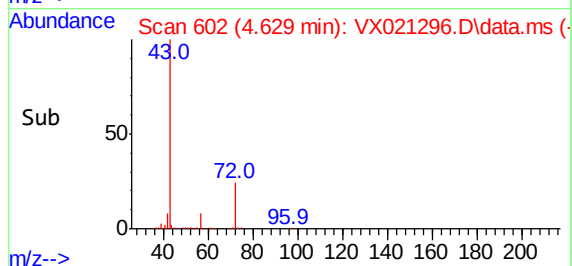
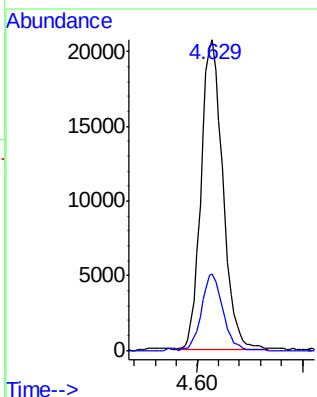
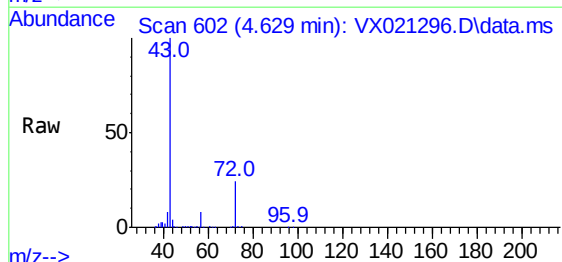
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD005311

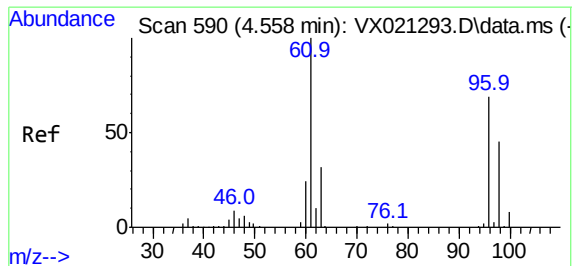
Tgt Ion: 63 Resp: 42129  
Ion Ratio Lower Upper  
63 100  
65 31.8 21.8 40.6  
83 14.6 9.6 17.8



#21  
2-Butanone  
Concen: 53.90 ug/L  
RT: 4.629 min Scan# 602  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

Tgt Ion: 43 Resp: 59114  
Ion Ratio Lower Upper  
43 100  
72 24.4 14.8 44.4

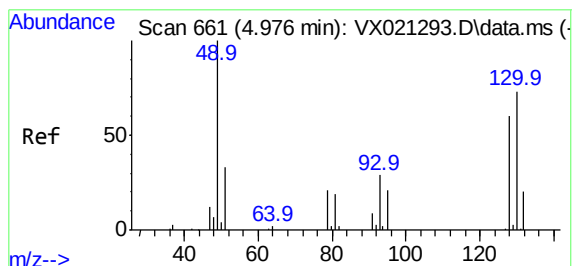
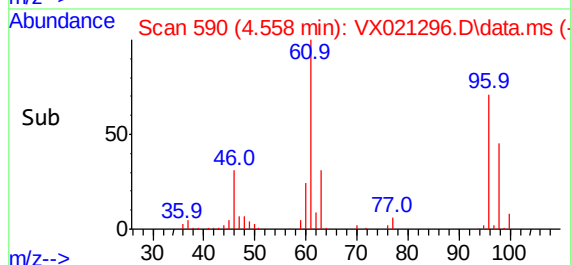
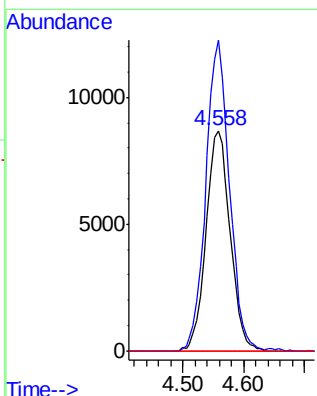
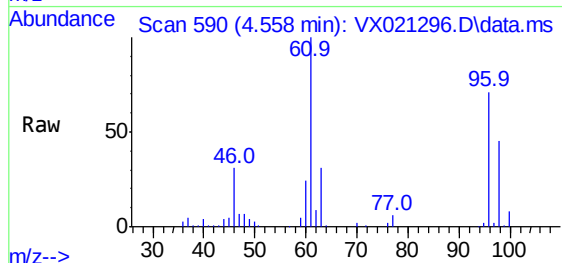




#22  
cis-1,2-Dichloroethene  
Concen: 5.34 ug/L  
RT: 4.558 min Scan# 590  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

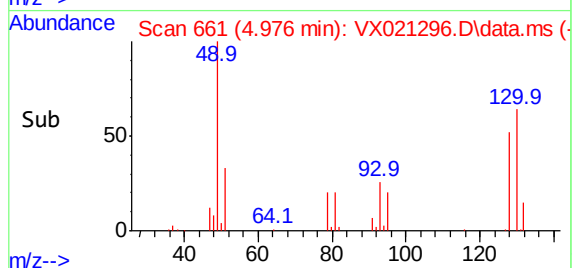
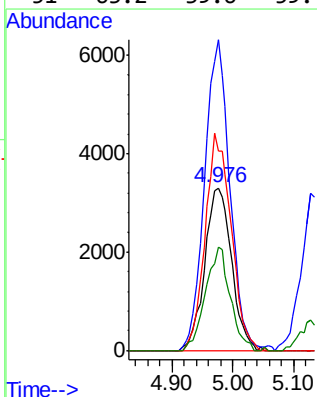
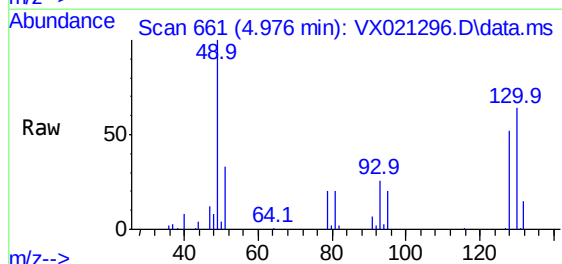
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD005311

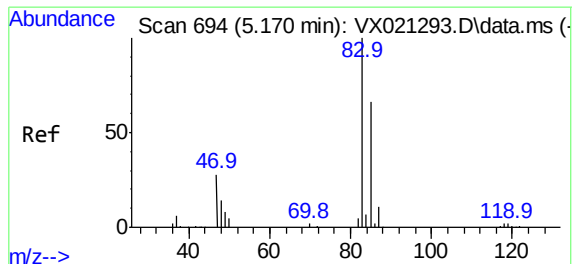
Tgt Ion: 96 Resp: 23812  
Ion Ratio Lower Upper  
96 100  
61 141.1 85.9 159.5  
68 0.0 0.0 0.0



#23  
Bromochloromethane  
Concen: 5.60 ug/L  
RT: 4.976 min Scan# 661  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

Tgt Ion: 128 Resp: 10104  
Ion Ratio Lower Upper  
128 100  
49 190.8 103.2 191.6  
130 122.6 89.1 165.5  
51 63.2 39.6 59.4#

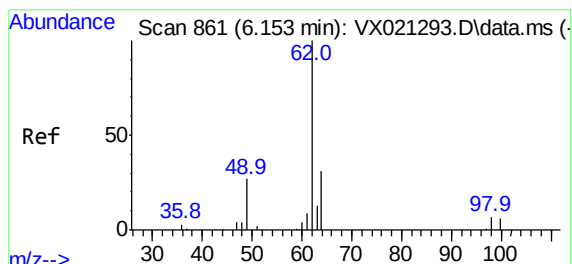
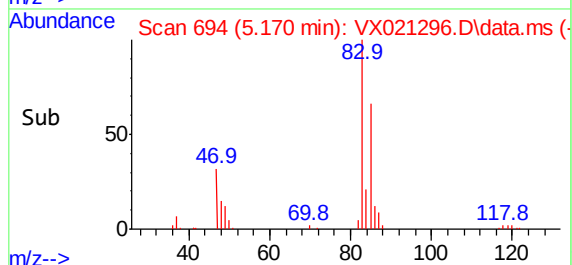
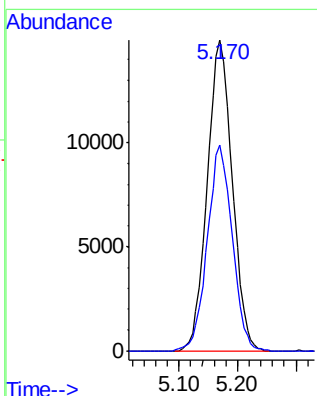
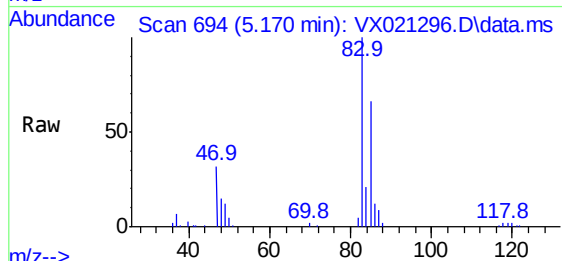




#25  
Chloroform  
Concen: 5.39 ug/L  
RT: 5.170 min Scan# 694  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

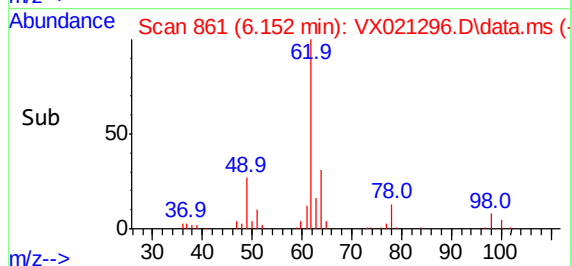
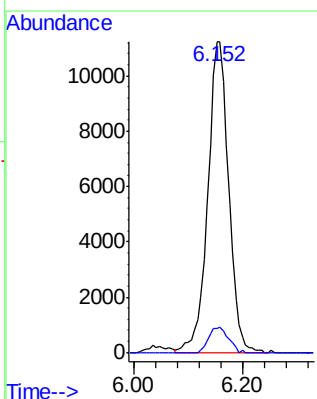
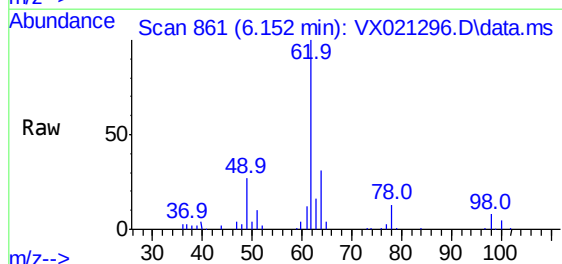
Instrument :  
MSVOA\_X  
ClientSampled :  
VSTD005311

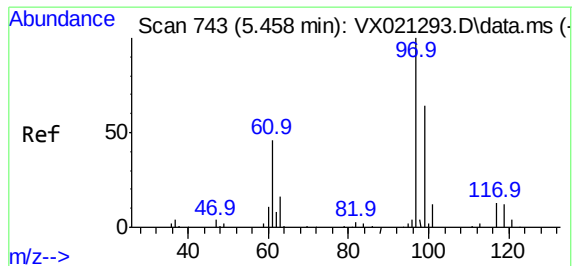
Tgt Ion: 83 Resp: 43956  
Ion Ratio Lower Upper  
83 100  
85 66.4 45.6 84.8



#27  
1,2-Dichloroethane  
Concen: 5.36 ug/L  
RT: 6.152 min Scan# 861  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

Tgt Ion: 62 Resp: 29870  
Ion Ratio Lower Upper  
62 100  
98 7.8 7.9 11.9#



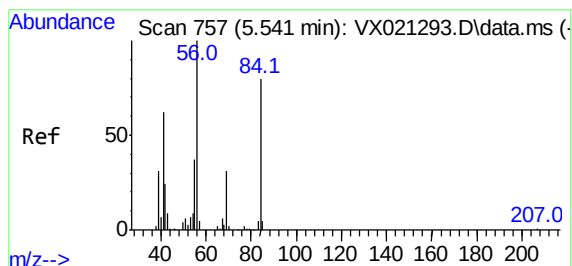
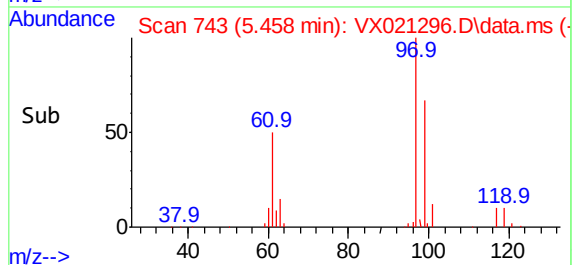
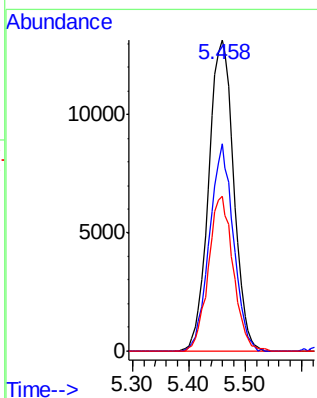
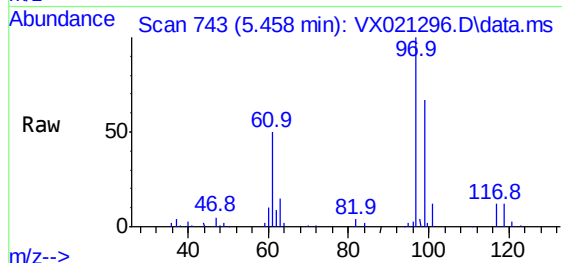


#29  
1,1,1-Trichloroethane  
Concen: 5.44 ug/L  
RT: 5.458 min Scan# 743  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD005311

Tgt Ion: 97 Resp: 40711

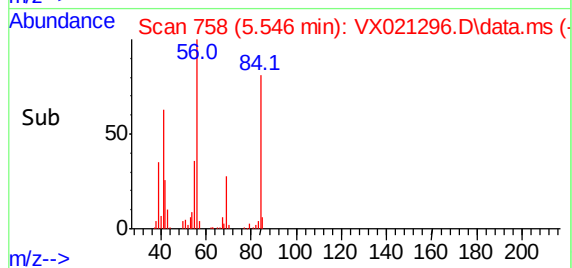
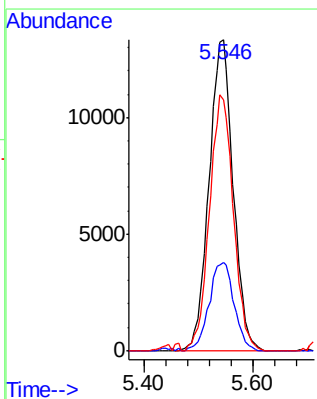
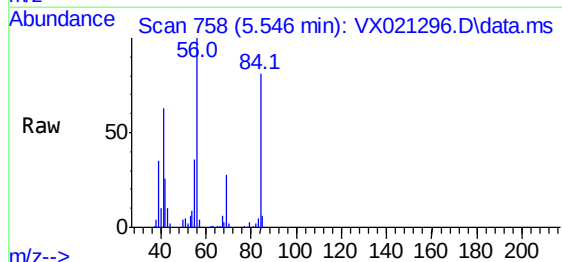
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 63.9  | 51.2  | 76.8  |
| 61  | 49.0  | 35.3  | 52.9  |

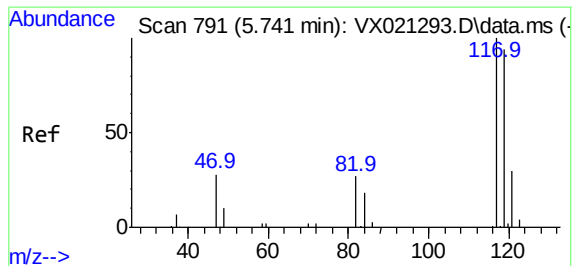


#30  
Cyclohexane  
Concen: 5.39 ug/L  
RT: 5.546 min Scan# 758  
Delta R.T. 0.006 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

Tgt Ion: 56 Resp: 40868

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 29.2  | 25.8  | 38.6  |
| 84  | 81.6  | 72.4  | 108.6 |

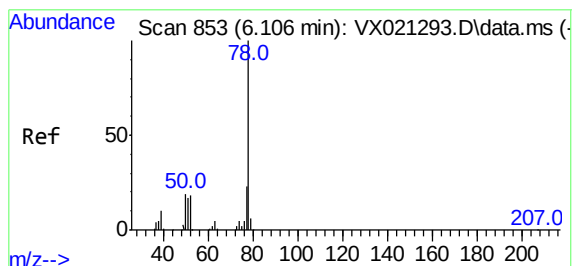
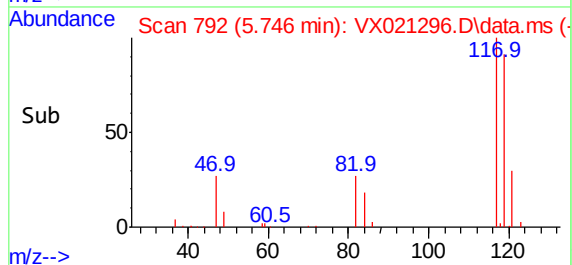
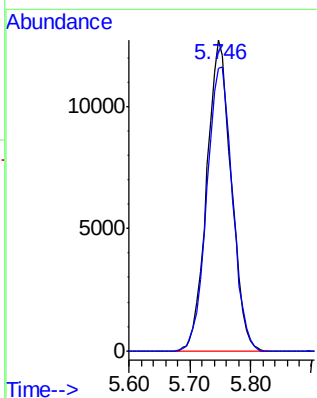
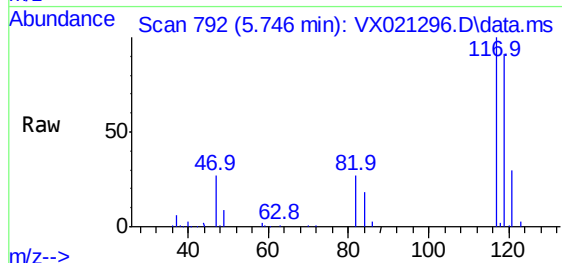




#31  
Carbon tetrachloride  
Concen: 5.38 ug/L  
RT: 5.746 min Scan# 792  
Delta R.T. 0.006 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

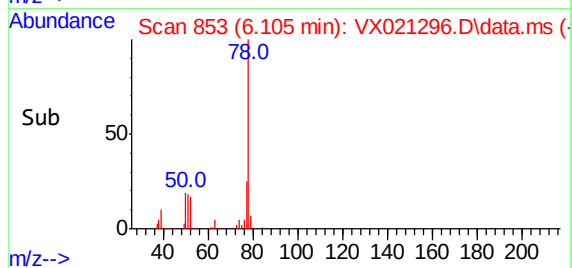
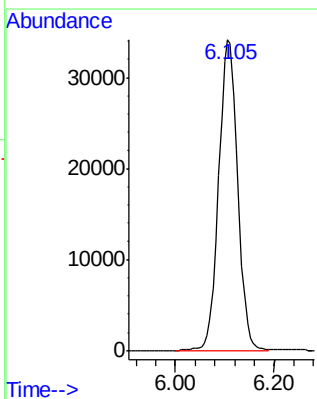
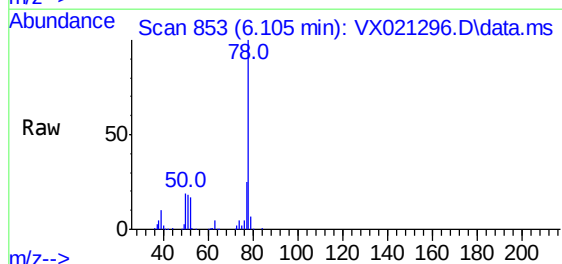
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD005311

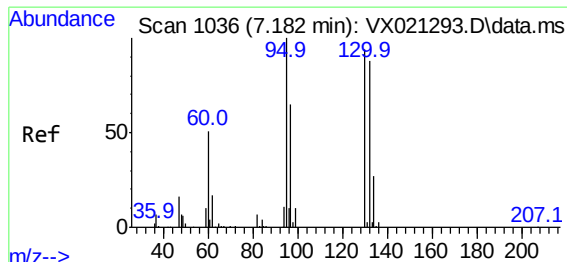
Tgt Ion:117 Resp: 35642  
Ion Ratio Lower Upper  
117 100  
119 95.3 76.2 114.4



#33  
Benzene  
Concen: 5.36 ug/L  
RT: 6.105 min Scan# 853  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

Tgt Ion: 78 Resp: 90967



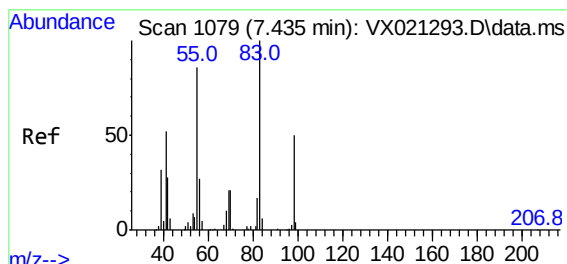
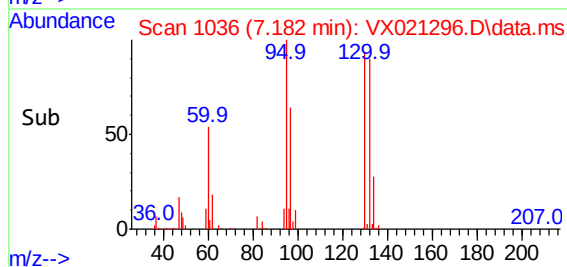
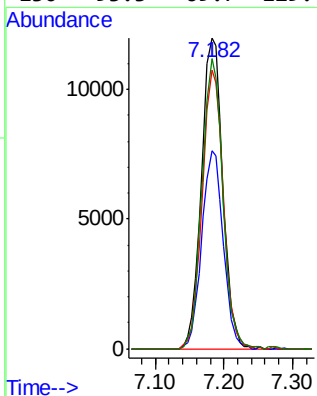
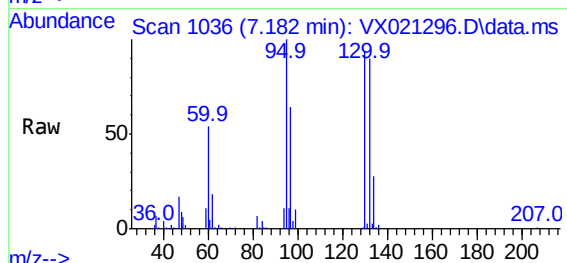


#34  
Trichloroethene  
Concen: 5.51 ug/L  
RT: 7.182 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD005311

Tgt Ion: 95 Resp: 25612

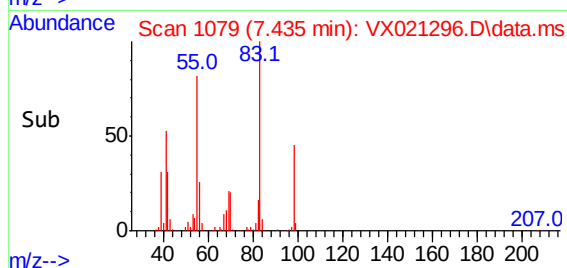
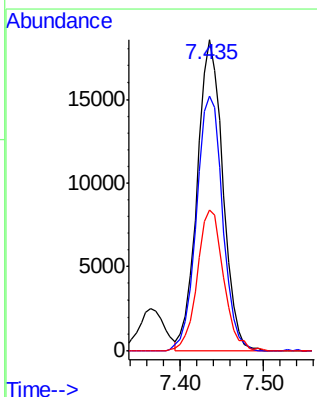
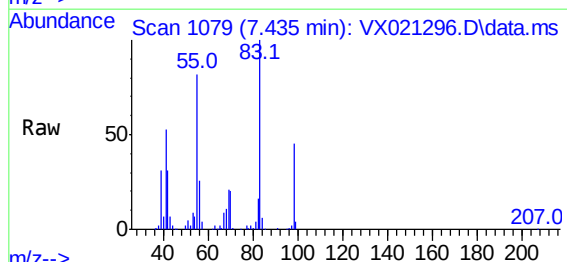
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 63.7  | 46.0  | 85.4  |
| 132 | 89.9  | 69.0  | 128.1 |
| 130 | 93.3  | 69.7  | 129.4 |



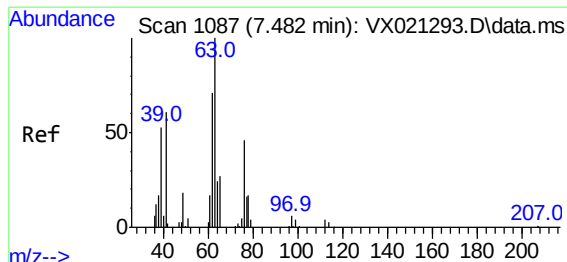
#35  
Methylcyclohexane  
Concen: 5.32 ug/L  
RT: 7.435 min Scan# 1079  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

Tgt Ion: 83 Resp: 39708

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 83.5  | 63.4  | 95.0  |
| 98  | 46.2  | 39.2  | 58.8  |



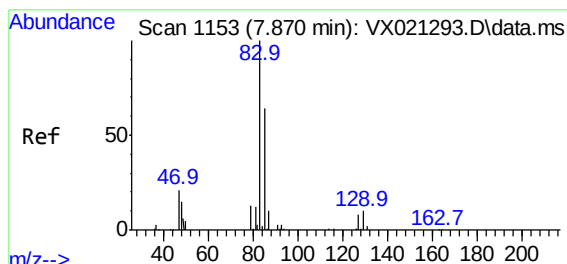
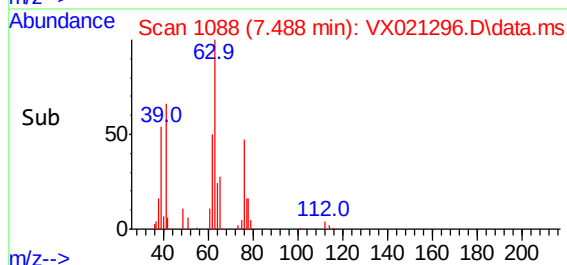
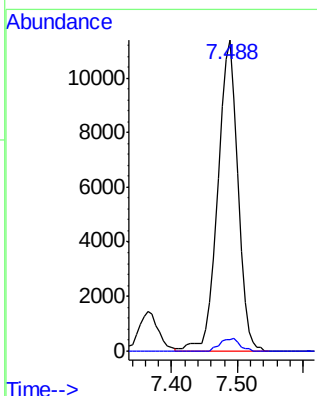
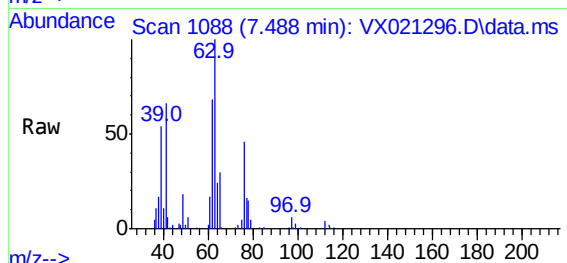




#37  
1,2-Dichloropropane  
Concen: 5.52 ug/L  
RT: 7.488 min Scan# 1088  
Delta R.T. 0.006 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

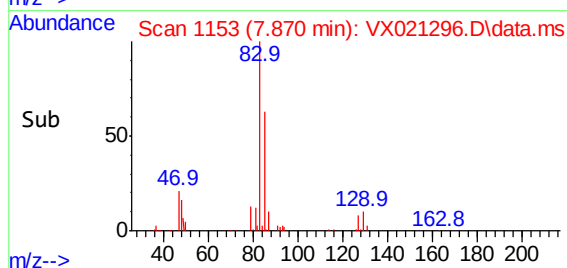
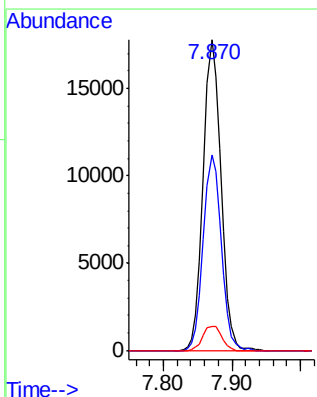
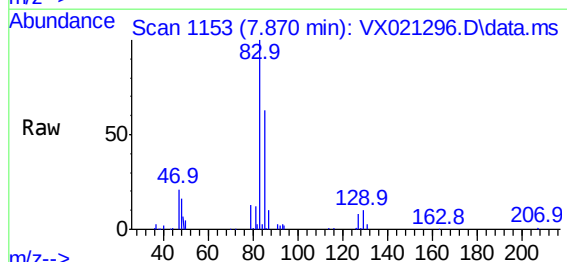
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD005311

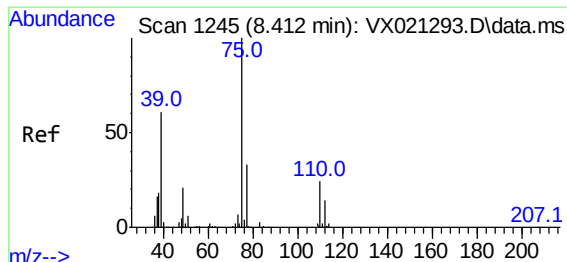
Tgt Ion: 63 Resp: 23718  
Ion Ratio Lower Upper  
63 100  
112 3.8 3.9 5.9#



#38  
Bromodichloromethane  
Concen: 5.41 ug/L  
RT: 7.870 min Scan# 1153  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

Tgt Ion: 83 Resp: 31903  
Ion Ratio Lower Upper  
83 100  
85 62.9 44.6 82.8  
127 7.7 7.0 10.4

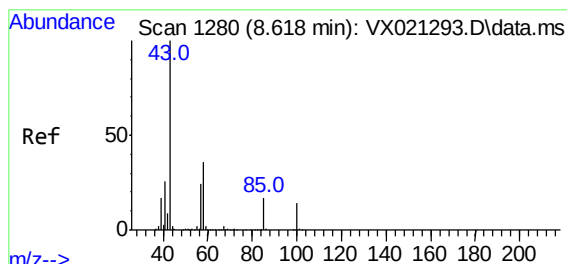
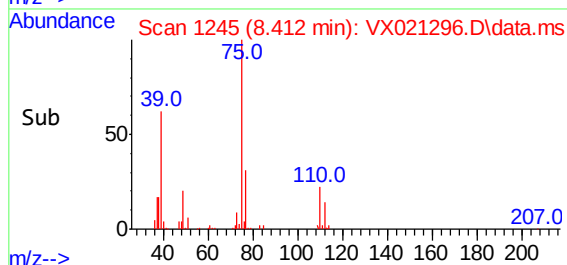
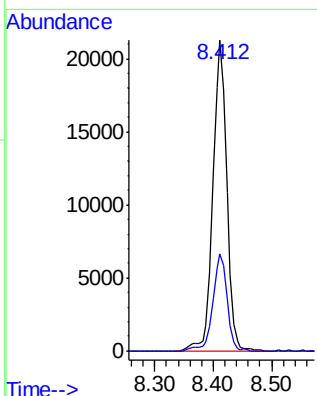
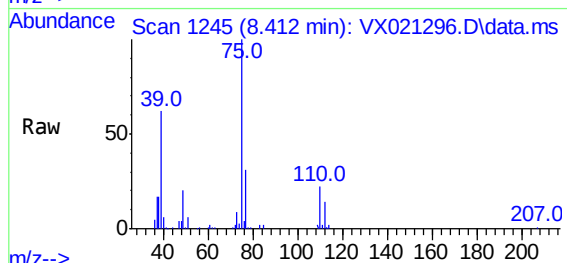




#39  
cis-1,3-Dichloropropene  
Concen: 5.34 ug/L  
RT: 8.412 min Scan# 1245  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

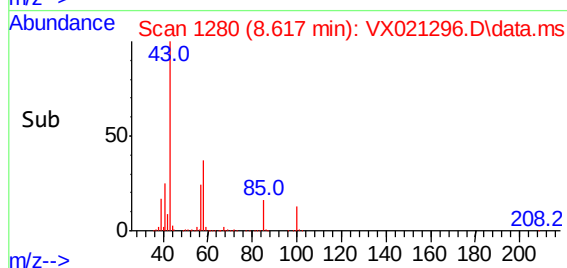
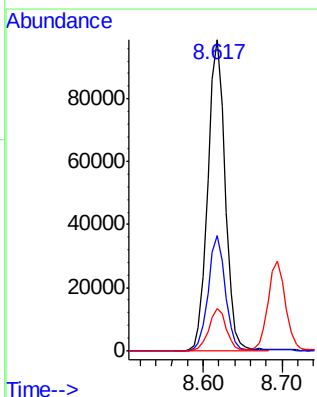
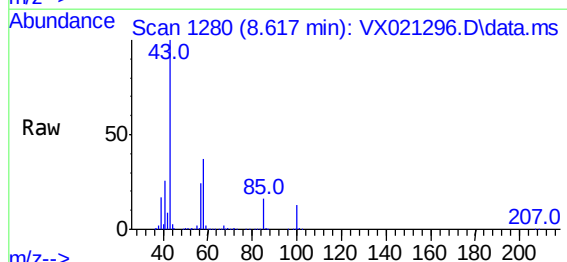
Instrument :  
MSVOA\_X  
ClientSampled :  
VSTD005311

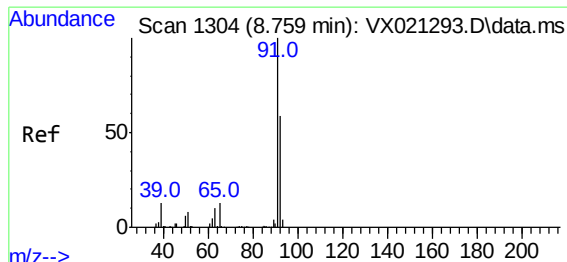
Tgt Ion: 75 Resp: 34875  
Ion Ratio Lower Upper  
75 100  
77 31.4 21.6 40.0



#40  
4-Methyl-2-pentanone  
Concen: 54.74 ug/L  
RT: 8.617 min Scan# 1280  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

Tgt Ion: 43 Resp: 149638  
Ion Ratio Lower Upper  
43 100  
58 36.2 35.0 52.4  
100 13.4 14.3 21.5#





#42

Toluene

Concen: 5.44 ug/L

RT: 8.765 min Scan# 1305

Delta R.T. 0.006 min

Lab File: VX021296.D

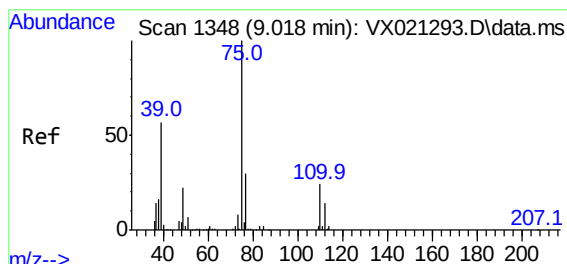
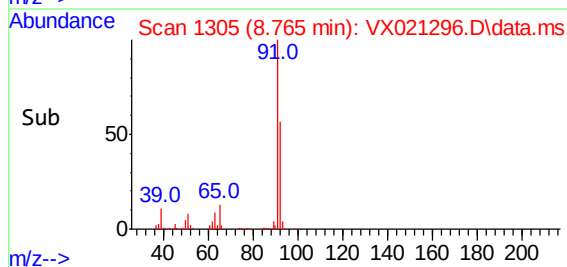
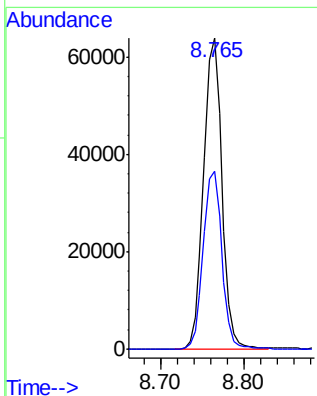
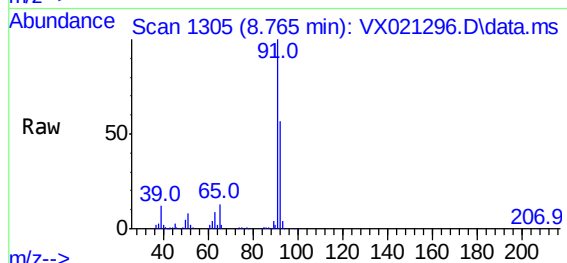
Acq: 19 Mar 2021 11:27

Tgt Ion: 91 Resp: 97992

Ion Ratio Lower Upper

91 100

92 57.1 42.1 78.1



#44

trans-1,3-Dichloropropene

Concen: 5.38 ug/L

RT: 9.017 min Scan# 1348

Delta R.T. -0.000 min

Lab File: VX021296.D

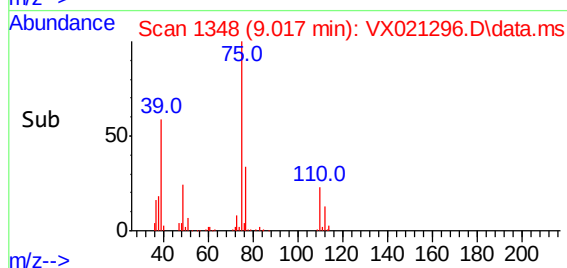
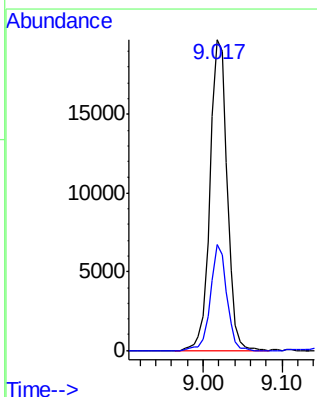
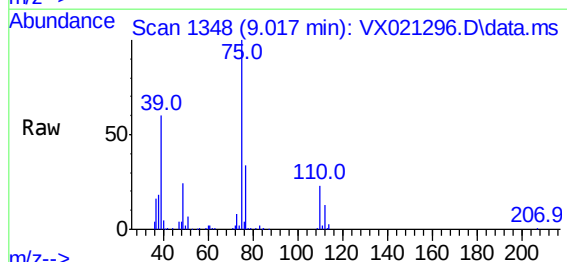
Acq: 19 Mar 2021 11:27

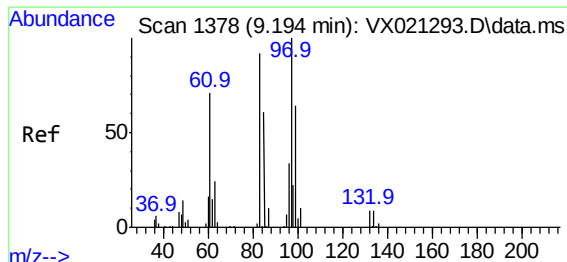
Tgt Ion: 75 Resp: 29746

Ion Ratio Lower Upper

75 100

77 33.9 21.7 40.3

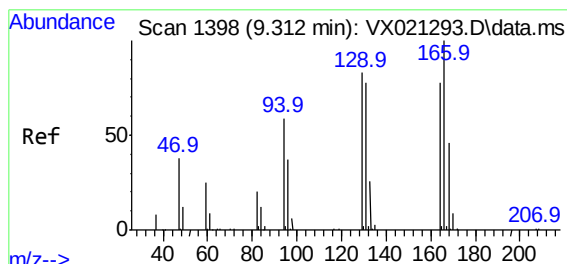
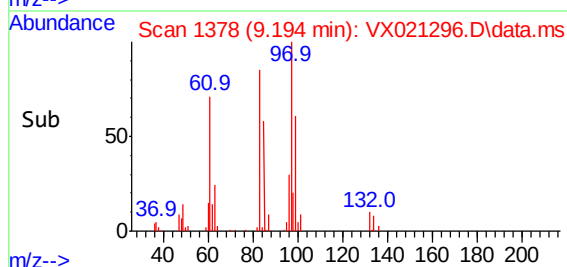
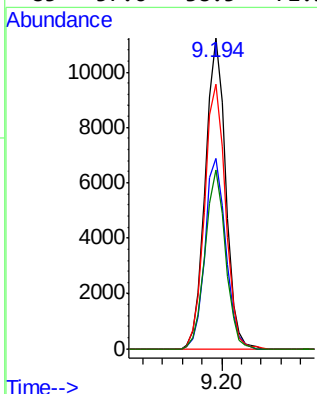
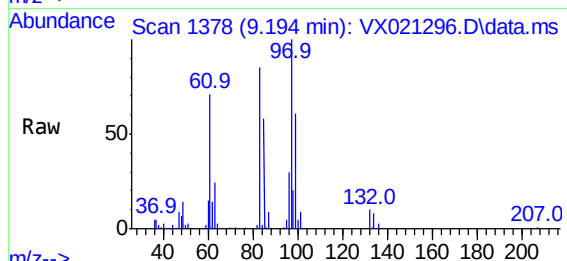




#45  
1,1,2-Trichloroethane  
Concen: 5.48 ug/L  
RT: 9.194 min Scan# 1378  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

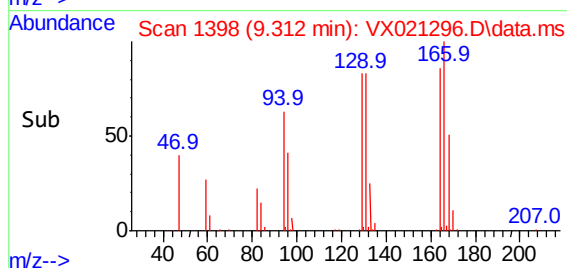
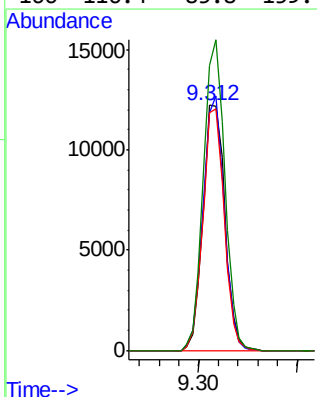
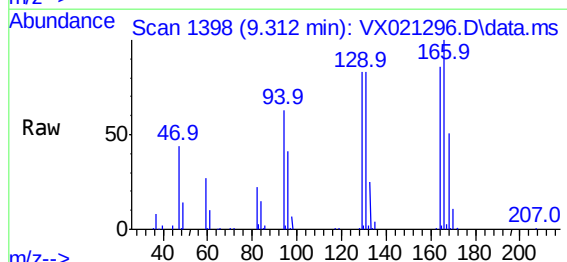
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD005311

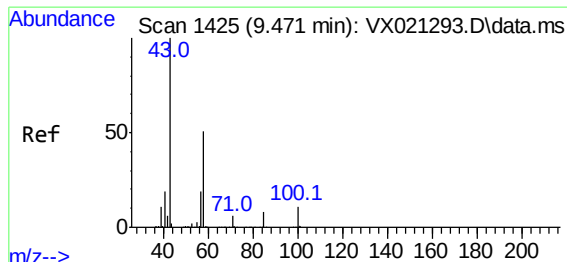
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 15801 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 61.3  | 43.4  | 80.6  |
| 83       | 85.2  | 58.6  | 108.8 |
| 85       | 57.6  | 38.5  | 71.5  |



#47  
Tetrachloroethene  
Concen: 5.42 ug/L  
RT: 9.312 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 18615 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 97.2  | 64.5  | 119.7 |
| 131      | 97.0  | 63.8  | 118.6 |
| 166      | 116.4 | 85.8  | 159.4 |

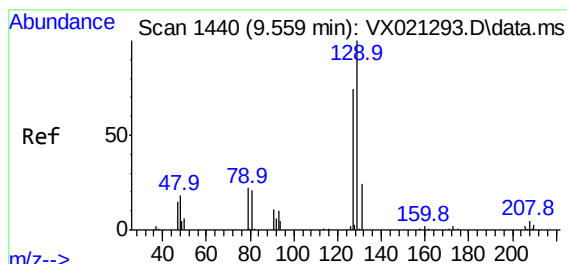
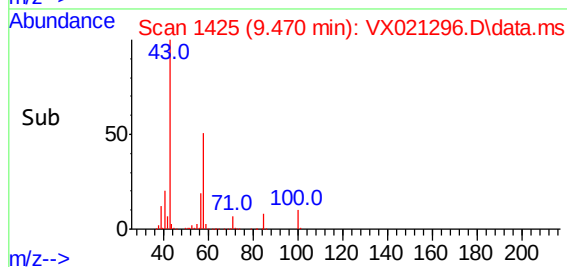
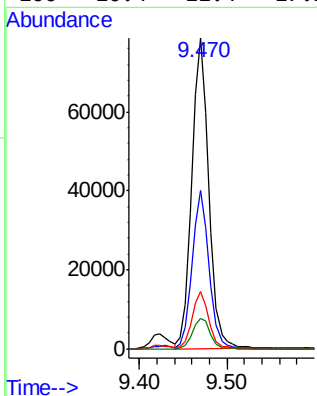
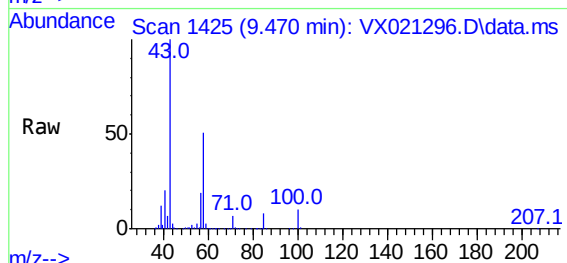




#48  
2-Hexanone  
Concen: 53.31 ug/L  
RT: 9.470 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

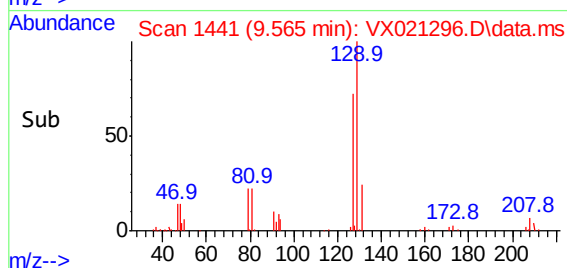
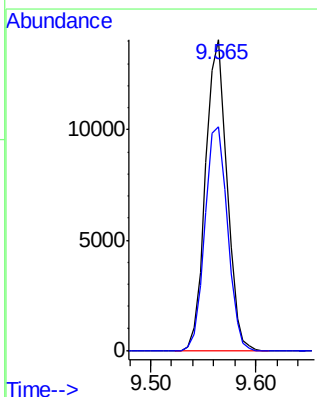
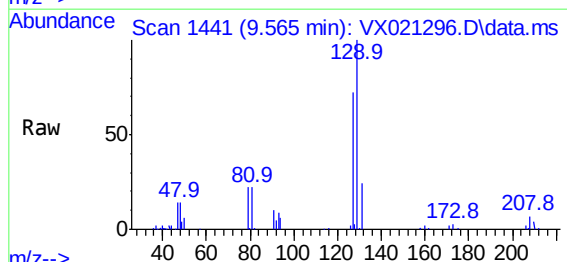
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD005311

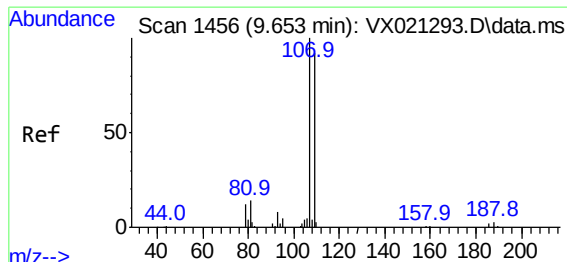
Tgt Ion: 43 Resp: 105185  
Ion Ratio Lower Upper  
43 100  
58 51.1 48.8 73.2  
57 18.1 16.6 25.0  
100 10.4 11.4 17.2#



#49  
Dibromochloromethane  
Concen: 5.35 ug/L  
RT: 9.565 min Scan# 1441  
Delta R.T. 0.006 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

Tgt Ion: 129 Resp: 19805  
Ion Ratio Lower Upper  
129 100  
127 72.2 53.0 98.4

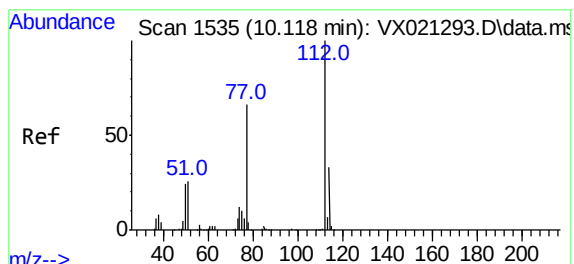
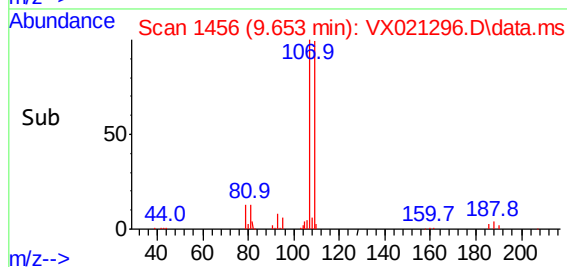
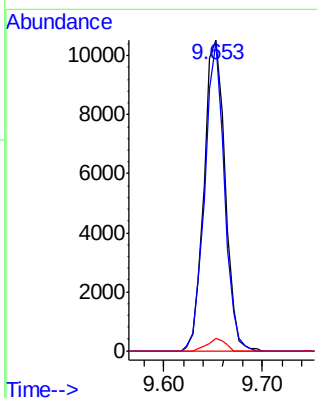
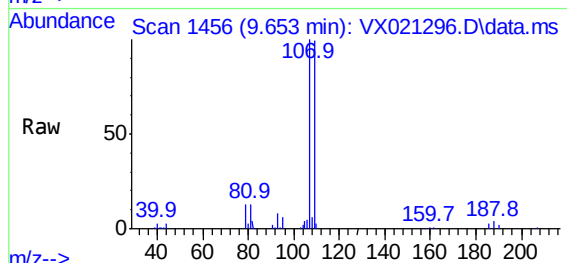




#50  
1,2-Dibromoethane  
Concen: 5.47 ug/L  
RT: 9.653 min Scan# 1456  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

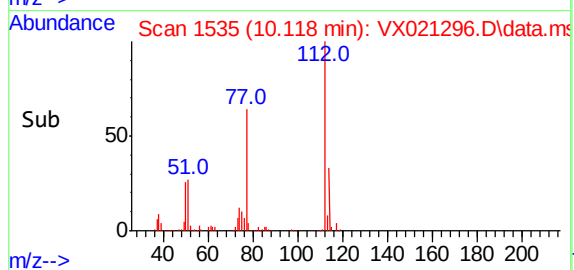
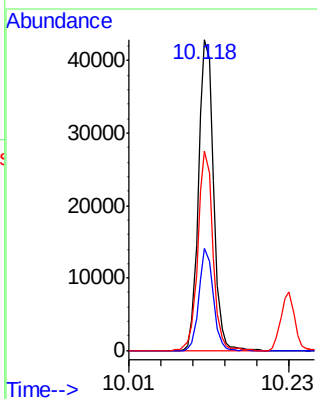
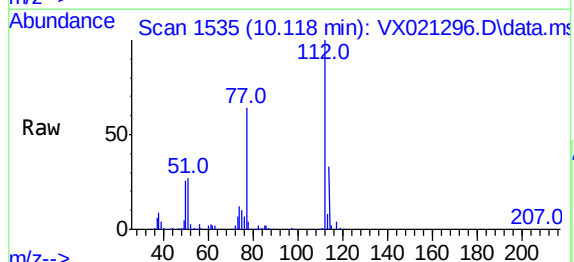
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD005311

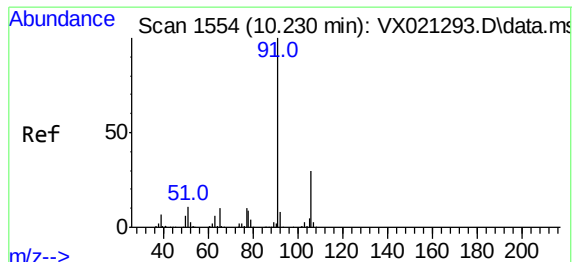
Tgt Ion:107 Resp: 15305  
Ion Ratio Lower Upper  
107 100  
109 99.1 65.0 120.8  
188 4.1 3.4 5.0



#51  
Chlorobenzene  
Concen: 5.39 ug/L  
RT: 10.118 min Scan# 1535  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

Tgt Ion:112 Resp: 61278  
Ion Ratio Lower Upper  
112 100  
114 32.7 22.1 41.1  
77 64.0 47.0 70.6





#52

Ethylbenzene

Concen: 5.43 ug/L

RT: 10.235 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VX021296.D

Acq: 19 Mar 2021 11:27

Tgt Ion: 91 Resp: 112549

Ion Ratio Lower Upper

91 100

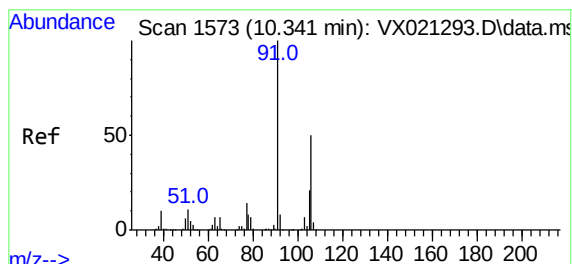
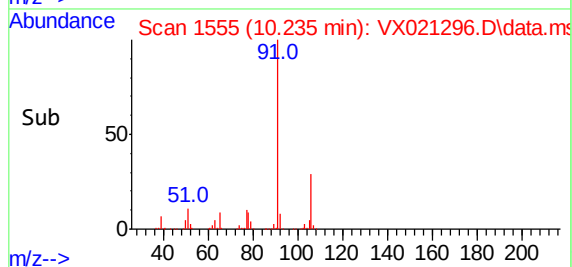
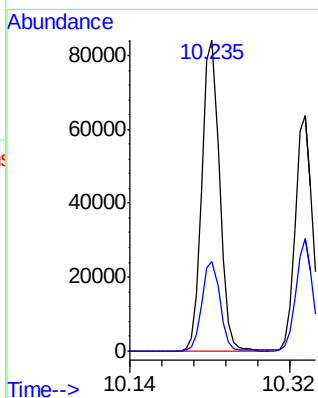
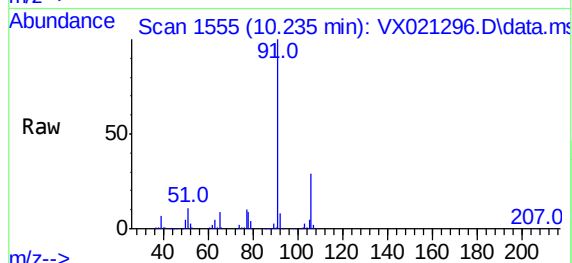
106 28.8 21.6 40.0

Instrument :

MSVOA\_X

ClientSampleId :

VSTD005311



#53

m,p-xylene

Concen: 5.26 ug/L

RT: 10.341 min Scan# 1573

Delta R.T. -0.000 min

Lab File: VX021296.D

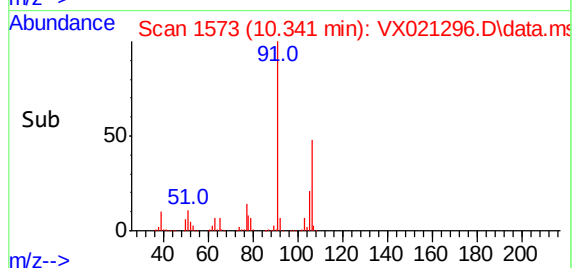
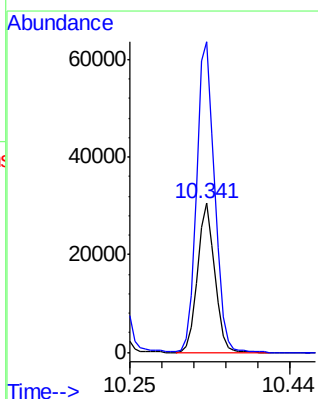
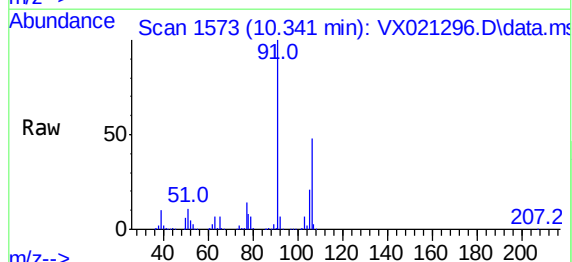
Acq: 19 Mar 2021 11:27

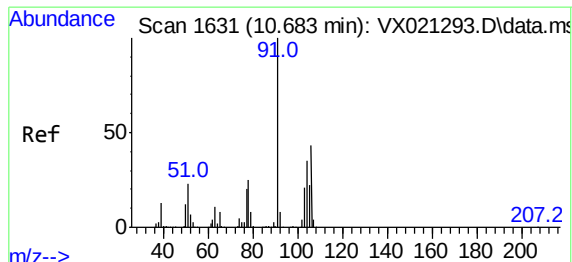
Tgt Ion:106 Resp: 40370

Ion Ratio Lower Upper

106 100

91 208.2 137.4 255.2

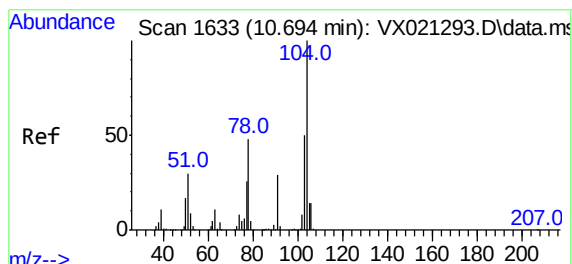
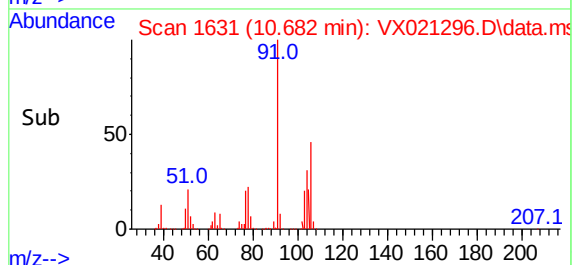
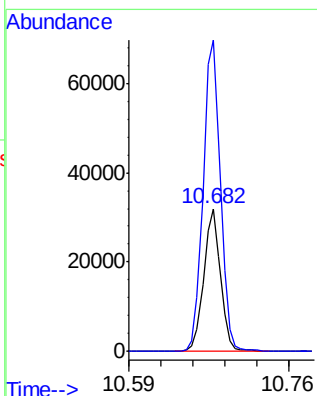
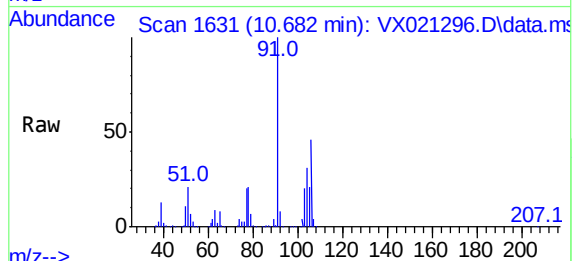




#54  
o-xylene  
Concen: 5.46 ug/L  
RT: 10.682 min Scan# 1631  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

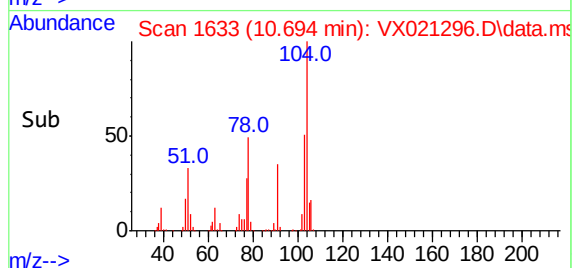
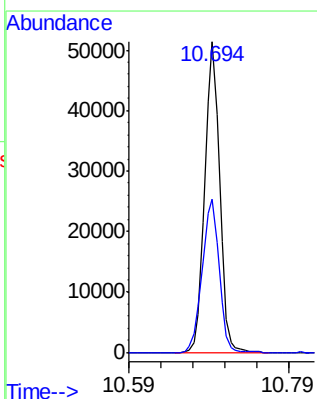
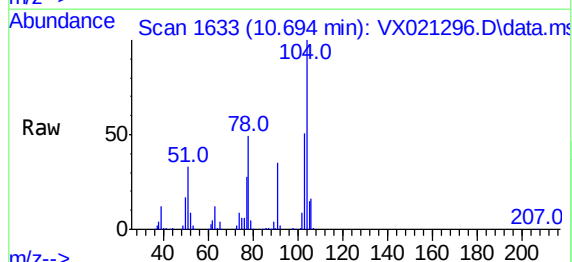
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD005311

Tgt Ion:106 Resp: 39525  
Ion Ratio Lower Upper  
106 100  
91 219.0 151.1 280.7

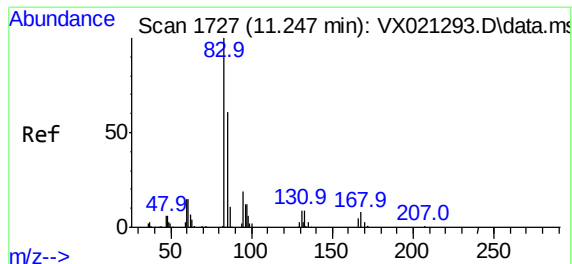


#55  
Styrene  
Concen: 5.39 ug/L  
RT: 10.694 min Scan# 1633  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

Tgt Ion:104 Resp: 66864  
Ion Ratio Lower Upper  
104 100  
78 49.4 30.3 56.3



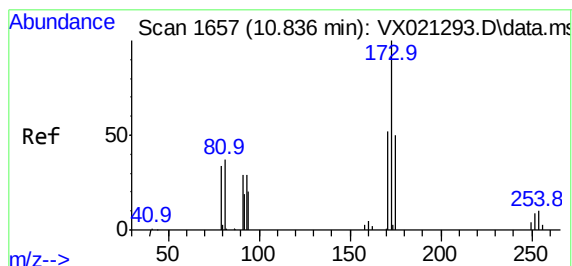
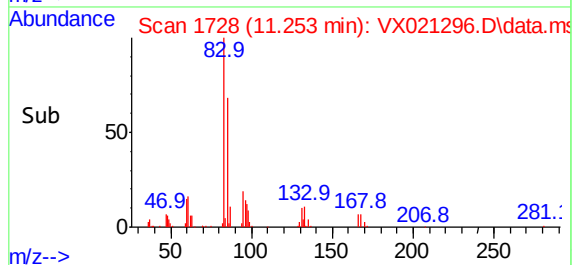
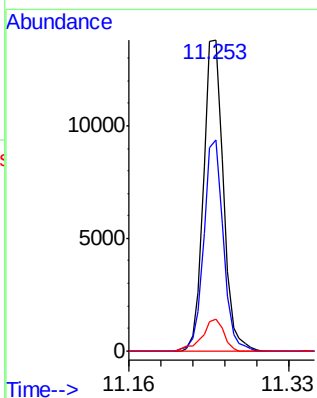
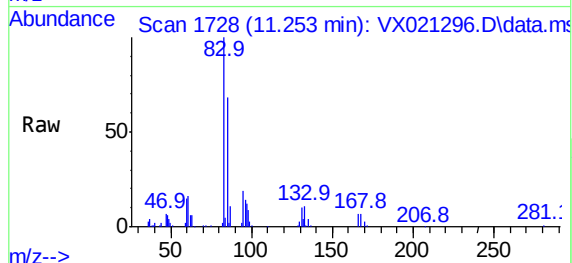




#57  
1,1,2,2-Tetrachloroethane  
Concen: 5.38 ug/L  
RT: 11.253 min Scan# 1728  
Delta R.T. 0.006 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

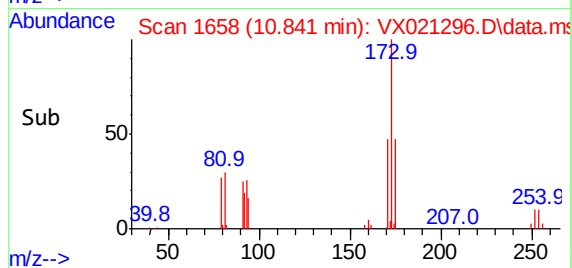
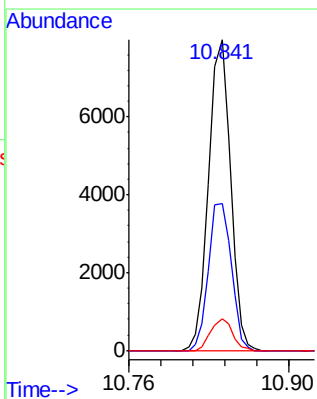
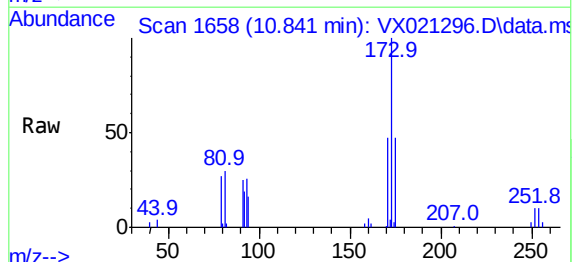
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD005311

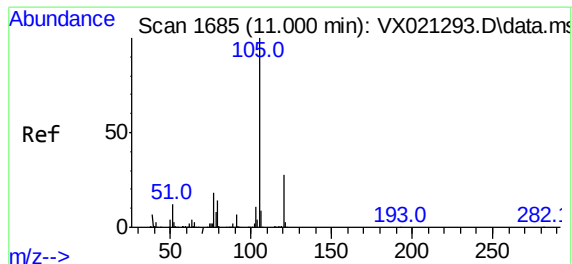
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 18801 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 68.1  | 44.6  | 82.8  |
| 131      | 10.2  | 8.2   | 12.2  |



#59  
Bromoform  
Concen: 5.58 ug/L  
RT: 10.841 min Scan# 1658  
Delta R.T. 0.006 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 10736 |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 49.1  | 38.0  | 57.0  |
| 254      | 10.1  | 8.8   | 13.2  |

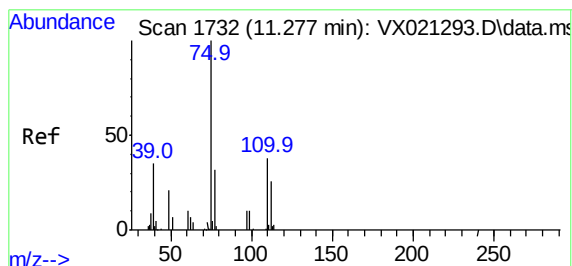
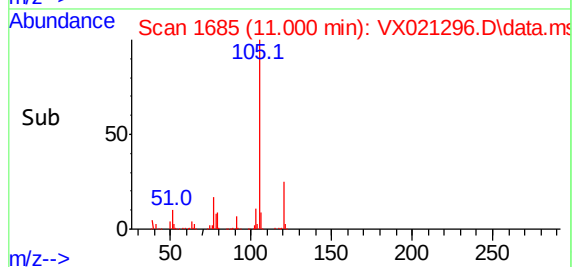
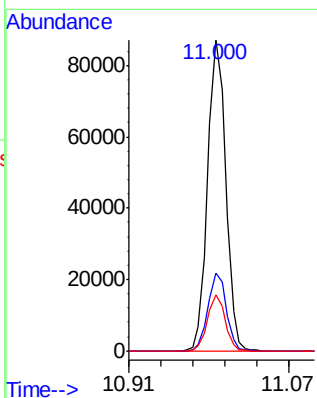
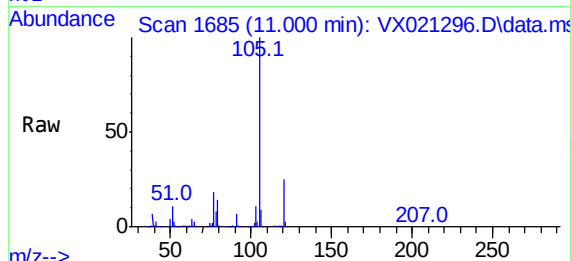




#60  
Isopropylbenzene  
Concen: 5.69 ug/L  
RT: 11.000 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

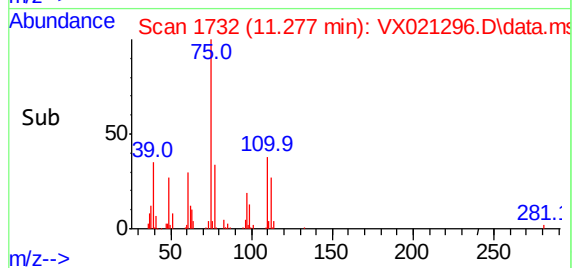
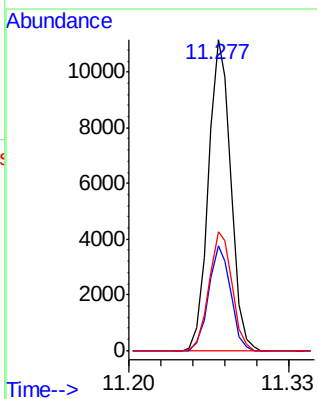
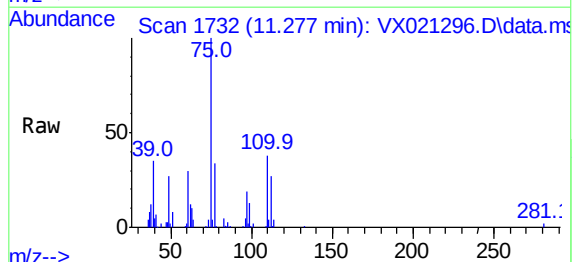
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD005311

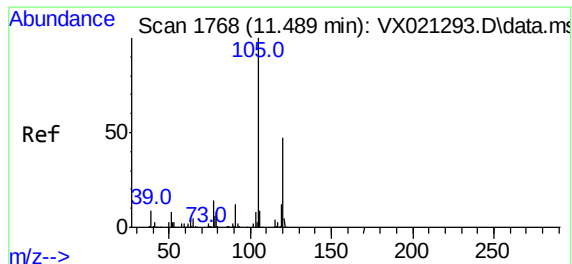
Tgt Ion:105 Resp: 109420  
Ion Ratio Lower Upper  
105 100  
120 25.2 21.1 31.7  
77 17.6 12.4 18.6



#61  
1,2,3-Trichloropropane  
Concen: 5.43 ug/L  
RT: 11.277 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

Tgt Ion: 75 Resp: 14322  
Ion Ratio Lower Upper  
75 100  
77 33.0 26.3 39.5  
110 39.0 32.1 48.1

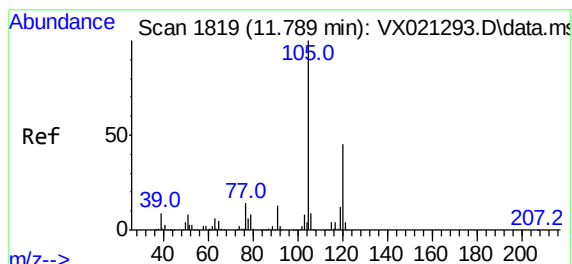
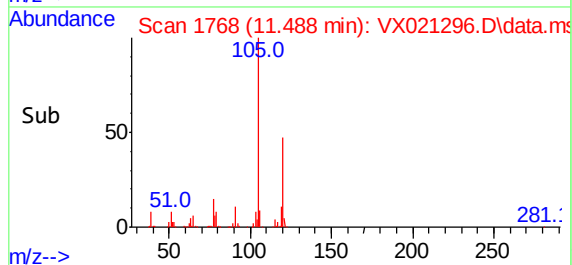
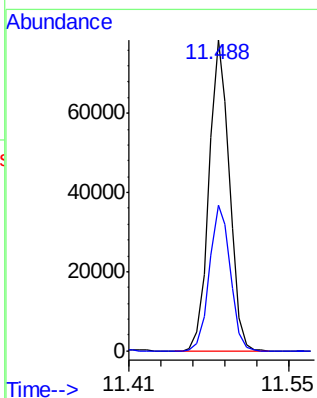
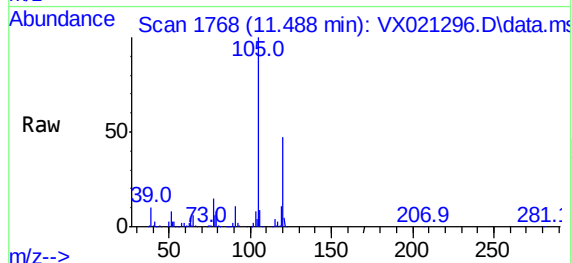




#62  
1,3,5-Trimethylbenzene  
Concen: 5.59 ug/L  
RT: 11.488 min Scan# 1768  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

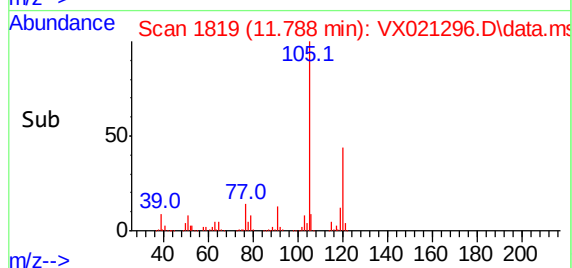
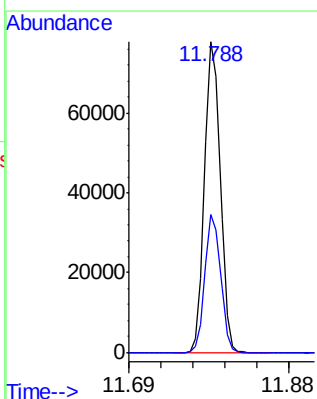
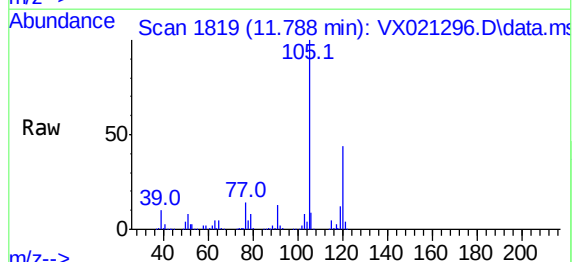
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD005311

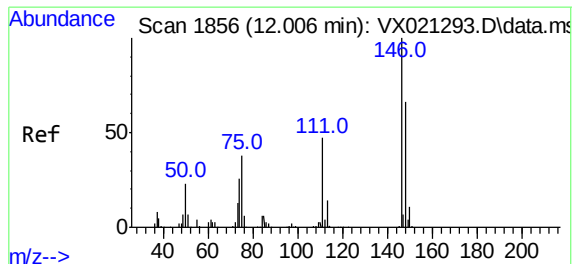
Tgt Ion:105 Resp: 92296  
Ion Ratio Lower Upper  
105 100  
120 47.7 38.8 58.2



#63  
1,2,4-Trimethylbenzene  
Concen: 5.69 ug/L  
RT: 11.788 min Scan# 1819  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

Tgt Ion:105 Resp: 94397  
Ion Ratio Lower Upper  
105 100  
120 44.0 36.5 54.7

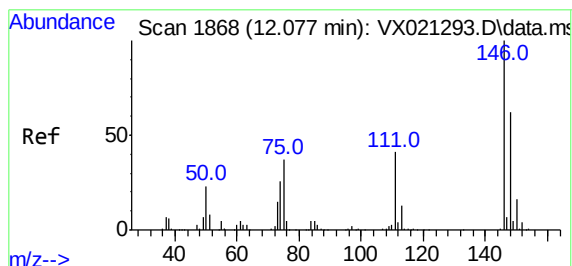
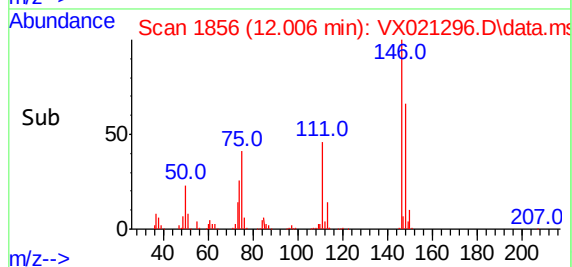
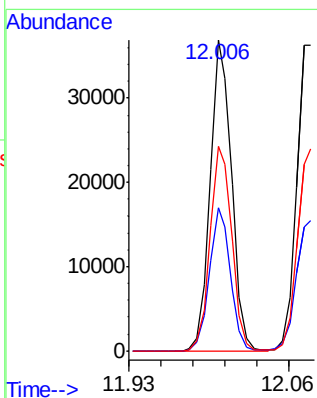
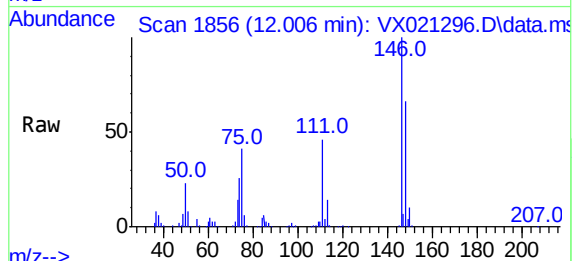




#64  
1,3-Dichlorobenzene  
Concen: 5.26 ug/L  
RT: 12.006 min Scan# 1856  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

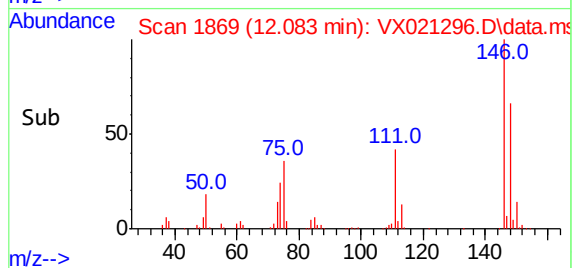
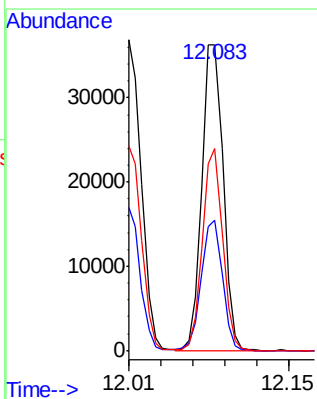
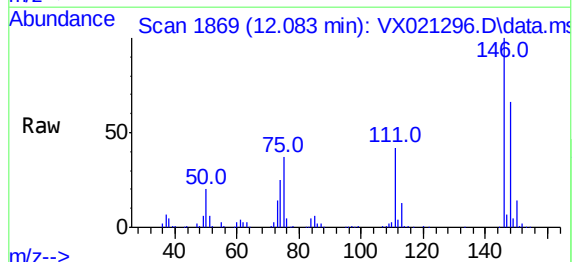
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD005311

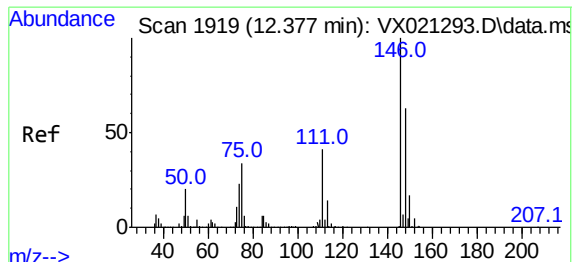
Tgt Ion:146 Resp: 45361  
Ion Ratio Lower Upper  
146 100  
111 45.9 28.2 52.4  
148 65.7 41.7 77.5



#65  
1,4-Dichlorobenzene  
Concen: 5.46 ug/L  
RT: 12.083 min Scan# 1869  
Delta R.T. 0.006 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

Tgt Ion:146 Resp: 47381  
Ion Ratio Lower Upper  
146 100  
111 42.4 26.2 48.8  
148 65.9 44.1 81.9

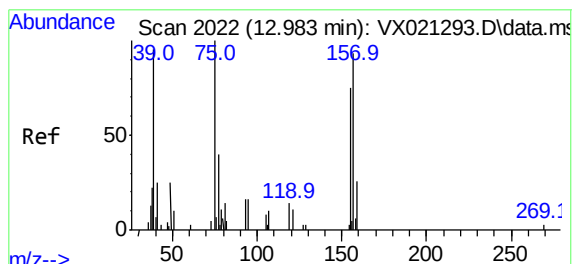
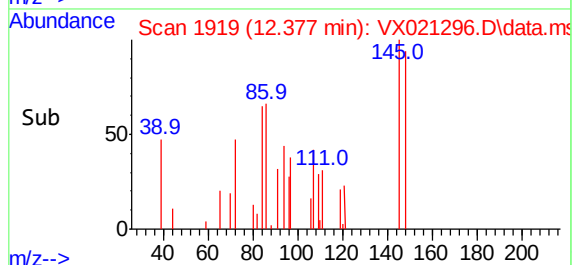
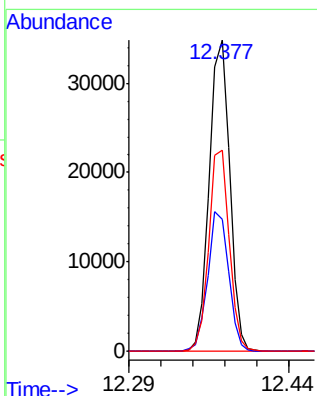
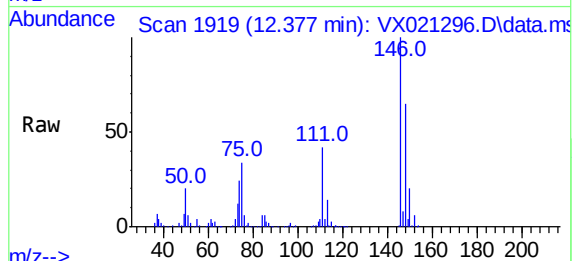




#67  
1,2-Dichlorobenzene  
Concen: 5.62 ug/L  
RT: 12.377 min Scan# 1919  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

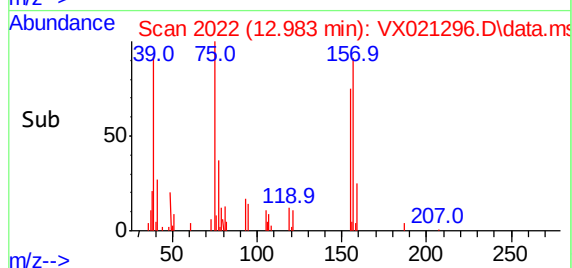
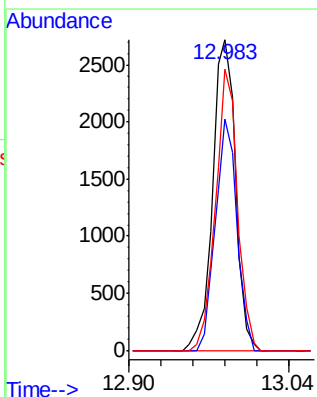
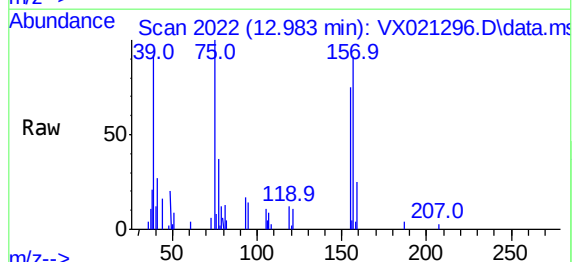
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD005311

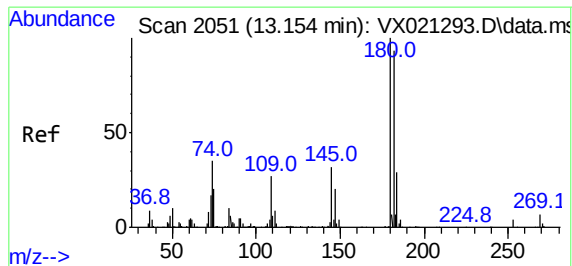
Tgt Ion:146 Resp: 43529  
Ion Ratio Lower Upper  
146 100  
111 42.4 36.3 54.5  
148 64.6 51.5 77.3



#68  
1,2-Dibromo-3-chloropropane  
Concen: 5.48 ug/L  
RT: 12.983 min Scan# 2022  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

Tgt Ion: 75 Resp: 3580  
Ion Ratio Lower Upper  
75 100  
155 74.5 69.8 104.8  
157 90.5 90.0 135.0

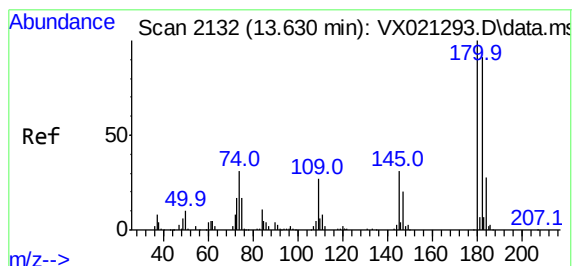
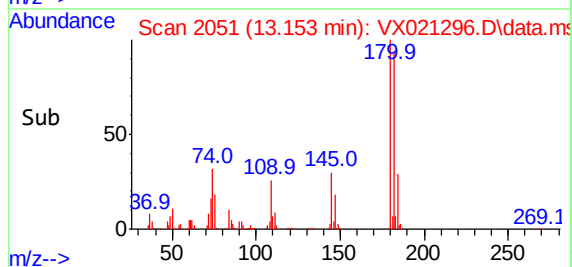
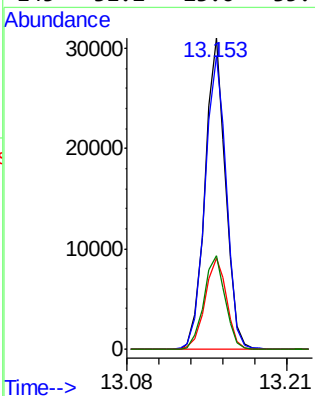
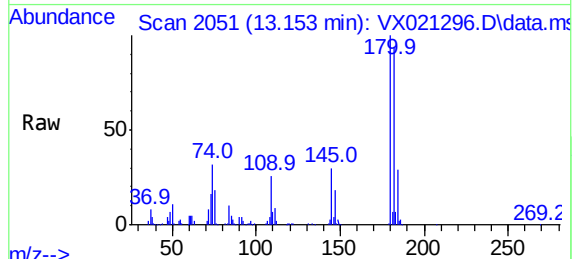




#69  
 1,3,5-Trichlorobenzene  
 Concen: 5.64 ug/L  
 RT: 13.153 min Scan# 2051  
 Delta R.T. -0.000 min  
 Lab File: VX021296.D  
 Acq: 19 Mar 2021 11:27

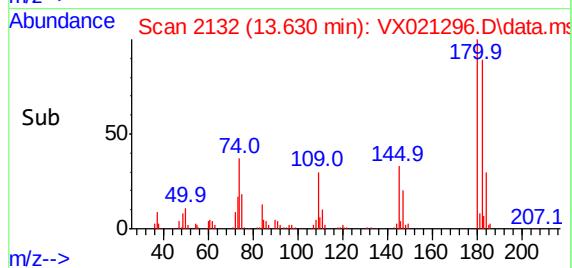
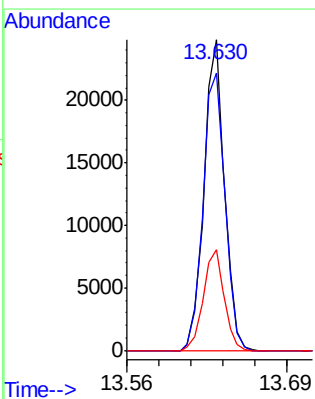
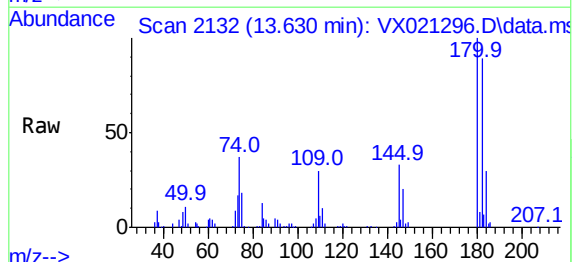
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTD005311

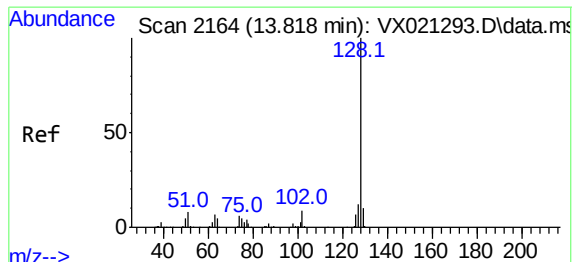
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 36340 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 98.3  | 77.0  | 115.4 |
| 184      | 30.5  | 24.6  | 36.8  |
| 145      | 31.2  | 23.6  | 35.4  |



#70  
 1,2,4-trichlorobenzene  
 Concen: 5.31 ug/L  
 RT: 13.630 min Scan# 2132  
 Delta R.T. -0.000 min  
 Lab File: VX021296.D  
 Acq: 19 Mar 2021 11:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 29227 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 95.8  | 74.3  | 111.5 |
| 145      | 33.0  | 24.1  | 36.1  |

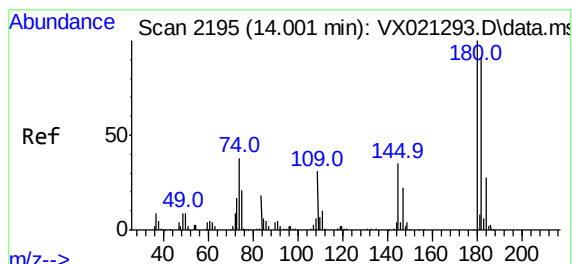
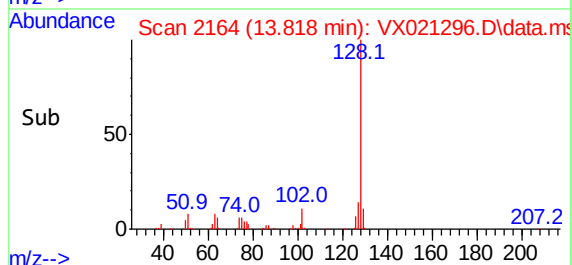
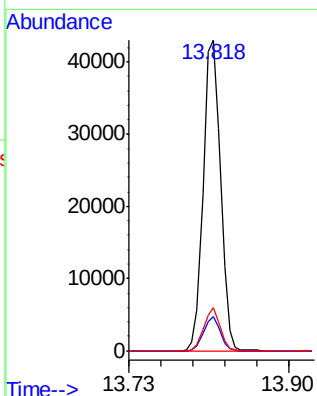
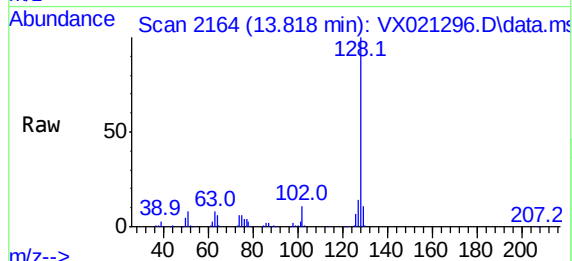




#71  
Naphthalene  
Concen: 5.66 ug/L  
RT: 13.818 min Scan# 2164  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD005311

Tgt Ion:128 Resp: 56262  
Ion Ratio Lower Upper  
128 100  
129 10.5 8.4 12.6  
127 12.9 10.1 15.1



#72  
1,2,3-Trichlorobenzene  
Concen: 5.69 ug/L  
RT: 14.000 min Scan# 2195  
Delta R.T. -0.000 min  
Lab File: VX021296.D  
Acq: 19 Mar 2021 11:27

Tgt Ion:180 Resp: 27508  
Ion Ratio Lower Upper  
180 100  
182 94.3 79.3 118.9  
145 34.1 26.5 39.7

