

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052621\  
 Data File : VX022183.D  
 Acq On : 25 May 2021 17:50  
 Operator : JC/MD  
 Sample : VSTDICV050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: May 26 02:36:00 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML052621WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue May 25 17:28:06 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response           | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|--------------------|--------|--------|----------|
| -----                         |                |      |                    |        |        |          |
| Internal Standards            |                |      |                    |        |        |          |
| 1) 1,4-Difluorobenzene        | 6.769          | 114  | 159676             | 50.00  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055         | 117  | 144665             | 50.00  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 64030              | 50.00  | ug/L   | 0.00     |
|                               |                |      |                    |        |        |          |
| System Monitoring Compounds   |                |      |                    |        |        |          |
| 4) Vinyl Chloride-d3          | 1.368          | 65   | 61975              | 51.02  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = 102.04% |        |        |          |
| 7) Chloroethane-d5            | 1.660          | 69   | 48520              | 52.89  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = 105.78% |        |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.307          | 63   | 116222             | 52.21  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 104.42% |        |        |          |
| 21) 2-Butanone-d5             | 4.471          | 46   | 102826             | 107.00 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = 107.00% |        |        |          |
| 24) Chloroform-d              | 5.068          | 84   | 118677             | 53.00  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 106.00% |        |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.964          | 65   | 77633              | 52.80  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 105.60% |        |        |          |
| 32) Benzene-d6                | 5.983          | 84   | 245083             | 52.77  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 105.54% |        |        |          |
| 36) 1,2-Dichloropropane-d6    | 7.318          | 67   | 77036              | 52.93  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = 105.86% |        |        |          |
| 41) Toluene-d8                | 8.653          | 98   | 226360             | 53.61  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 107.22% |        |        |          |
| 43) trans-1,3-Dichloroprop... | 8.952          | 79   | 38791              | 54.15  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 108.30% |        |        |          |
| 47) 2-Hexanone-d5             | 9.391          | 63   | 76456              | 108.64 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = 108.64% |        |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195         | 84   | 105371             | 52.93  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = 105.86% |        |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323         | 152  | 72288              | 54.08  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 108.16% |        |        |          |
|                               |                |      |                    |        |        |          |
| Target Compounds              |                |      |                    |        |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.167          | 85   | 57358              | 48.93  | ug/L   | 99       |
| 3) Chloromethane              | 1.295          | 50   | 57816              | 49.87  | ug/L   | 98       |
| 5) Vinyl chloride             | 1.374          | 62   | 63292              | 50.05  | ug/L   | 98       |
| 6) Bromomethane               | 1.599          | 94   | 33805              | 55.68  | ug/L   | 96       |
| 8) Chloroethane               | 1.685          | 64   | 38359              | 50.87  | ug/L   | 100      |
| 9) Trichlorofluoromethane     | 1.886          | 101  | 87435              | 50.10  | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.331          | 101  | 50651              | 48.30  | ug/L   | 91       |
| 12) 1,1-Dichloroethene        | 2.319          | 96   | 49746              | 49.62  | ug/L   | 85       |
| 13) Acetone                   | 2.392          | 43   | 58541              | 87.69  | ug/L   | 99       |
| 14) Carbon disulfide          | 2.514          | 76   | 146595             | 50.37  | ug/L   | 99       |
| 15) Methyl Acetate            | 2.709          | 43   | 67761              | 50.75  | ug/L   | 96       |
| 16) Methylene chloride        | 2.794          | 84   | 58910              | 47.53  | ug/L   | 88       |
| 17) trans-1,2-Dichloroethene  | 3.093          | 96   | 55027              | 49.90  | ug/L   | 96       |
| 18) Methyl tert-butyl Ether   | 3.124          | 73   | 184909             | 49.37  | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 3.617          | 63   | 104300             | 50.80  | ug/L   | 100      |
| 20) cis-1,2-Dichloroethene    | 4.495          | 96   | 63361              | 50.48  | ug/L   | 92       |
| 22) 2-Butanone                | 4.568          | 43   | 99148              | 95.51  | ug/L   | 93       |
| 23) Bromochloromethane        | 4.904          | 128  | 29119              | 50.05  | ug/L # | 86       |
| 25) Chloroform                | 5.105          | 83   | 105129             | 50.17  | ug/L   | 99       |

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 Sample : VSTDICV050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: May 26 02:36:00 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML052621WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue May 25 17:28:06 2021  
 Response via : Initial Calibration

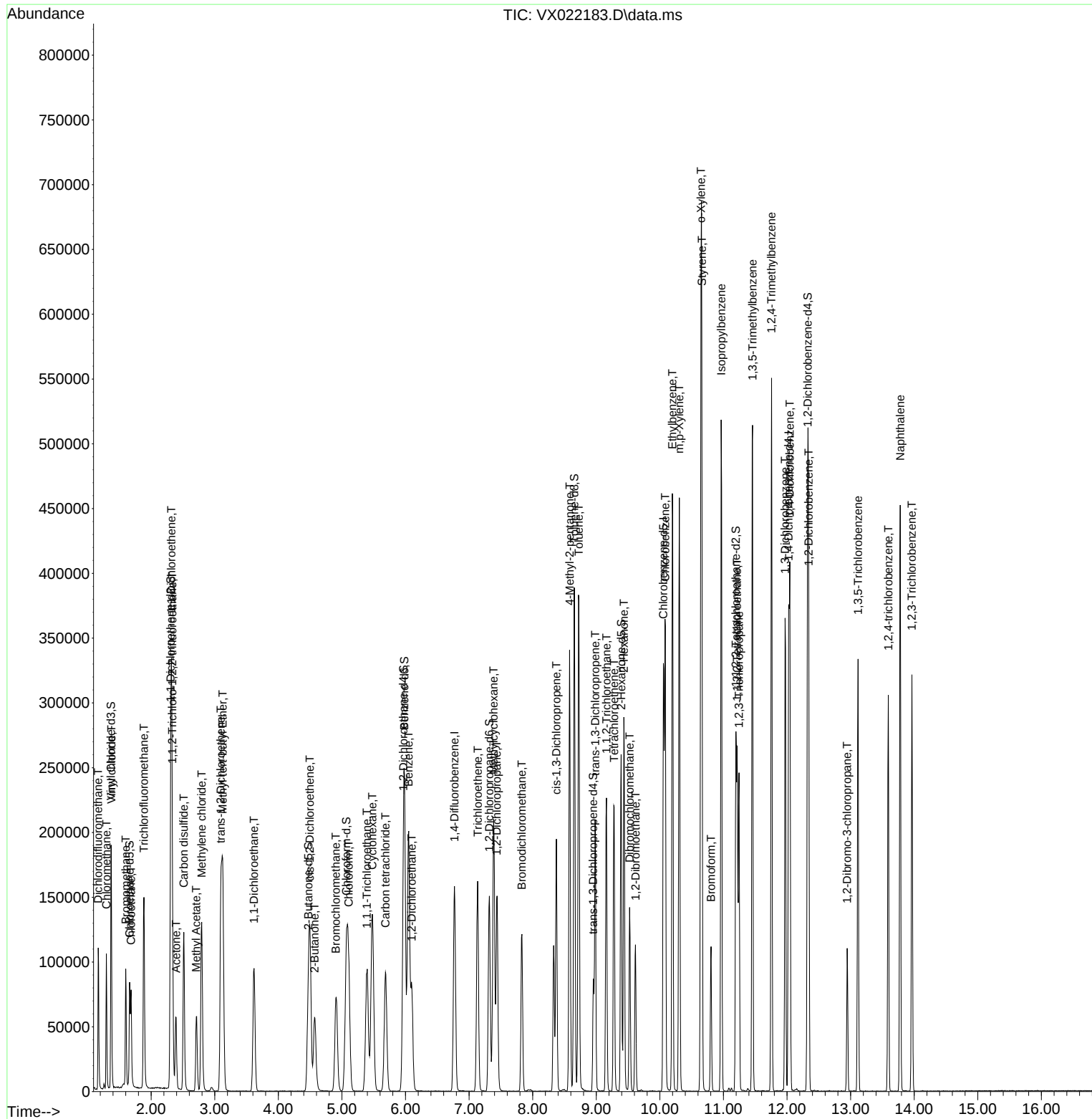
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 27) 1,2-Dichloroethane        | 6.099  | 62   | 82515    | 50.13  | ug/L   | 99       |
| 29) Cyclohexane               | 5.477  | 56   | 97455    | 50.27  | ug/L # | 71       |
| 30) 1,1,1-Trichloroethane     | 5.391  | 97   | 92404    | 51.62  | ug/L   | 98       |
| 31) Carbon tetrachloride      | 5.684  | 117  | 75317    | 50.95  | ug/L   | 100      |
| 33) Benzene                   | 6.050  | 78   | 240770   | 51.35  | ug/L   | 100      |
| 34) Trichloroethene           | 7.135  | 95   | 58694    | 49.58  | ug/L   | 99       |
| 35) Methylcyclohexane         | 7.385  | 83   | 98077    | 50.23  | ug/L   | 99       |
| 37) 1,2-Dichloropropane       | 7.434  | 63   | 61168    | 50.91  | ug/L   | 99       |
| 38) Bromodichloromethane      | 7.830  | 83   | 75903    | 50.61  | ug/L   | 99       |
| 39) cis-1,3-Dichloropropene   | 8.373  | 75   | 96754    | 52.01  | ug/L   | 97       |
| 40) 4-Methyl-2-pentanone      | 8.580  | 43   | 196001   | 103.55 | ug/L   | 93       |
| 42) Toluene                   | 8.726  | 91   | 252773   | 51.01  | ug/L   | 98       |
| 44) trans-1,3-Dichloropropene | 8.982  | 75   | 91601    | 50.26  | ug/L   | 98       |
| 45) 1,1,2-Trichloroethane     | 9.159  | 97   | 58606    | 50.75  | ug/L   | 98       |
| 46) Tetrachloroethene         | 9.281  | 164  | 38950    | 49.24  | ug/L   | 91       |
| 48) 2-Hexanone                | 9.433  | 43   | 150654   | 99.80  | ug/L   | 93       |
| 49) Dibromochloromethane      | 9.525  | 129  | 57131    | 52.12  | ug/L   | 96       |
| 50) 1,2-Dibromoethane         | 9.616  | 107  | 60348    | 50.81  | ug/L # | 98       |
| 51) Chlorobenzene             | 10.086 | 112  | 155067   | 49.93  | ug/L   | 100      |
| 52) Ethylbenzene              | 10.195 | 91   | 276305   | 50.12  | ug/L   | 99       |
| 53) m,p-Xylene                | 10.305 | 106  | 105558   | 50.26  | ug/L   | 98       |
| 54) o-Xylene                  | 10.647 | 106  | 104377   | 51.14  | ug/L   | 96       |
| 55) Styrene                   | 10.659 | 104  | 173197   | 50.42  | ug/L   | 96       |
| 57) 1,1,2,2-Tetrachloroethane | 11.214 | 83   | 95725    | 50.86  | ug/L   | 97       |
| 59) Bromoform                 | 10.805 | 173  | 35356    | 53.65  | ug/L # | 99       |
| 60) Isopropylbenzene          | 10.964 | 105  | 268692   | 51.95  | ug/L   | 100      |
| 61) 1,2,3-Trichloropropane    | 11.244 | 75   | 76798    | 51.91  | ug/L   | 99       |
| 62) 1,3,5-Trimethylbenzene    | 11.457 | 105  | 224895   | 51.67  | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 230625   | 52.37  | ug/L   | 98       |
| 64) 1,3-Dichlorobenzene       | 11.969 | 146  | 106654   | 51.17  | ug/L   | 92       |
| 65) 1,4-Dichlorobenzene       | 12.043 | 146  | 105858   | 50.61  | ug/L   | 97       |
| 67) 1,2-Dichlorobenzene       | 12.341 | 146  | 107530   | 51.23  | ug/L   | 96       |
| 68) 1,2-Dibromo-3-chloropr... | 12.945 | 75   | 20678    | 54.93  | ug/L   | 90       |
| 69) 1,3,5-Trichlorobenzene    | 13.116 | 180  | 69040    | 51.41  | ug/L   | 97       |
| 70) 1,2,4-trichlorobenzene    | 13.591 | 180  | 63250    | 52.02  | ug/L   | 96       |
| 71) Naphthalene               | 13.780 | 128  | 270981   | 53.34  | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 63895    | 52.33  | ug/L   | 97       |

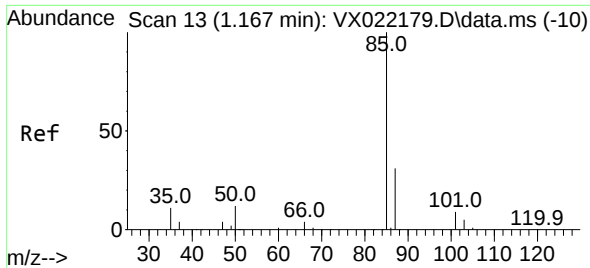
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Sample : VSTDICV050  
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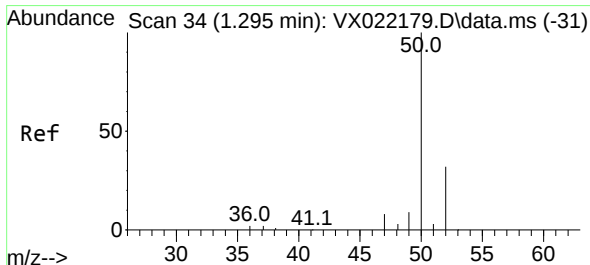
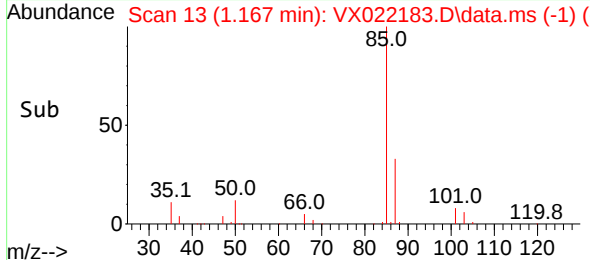
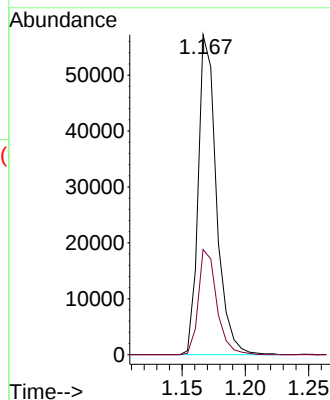
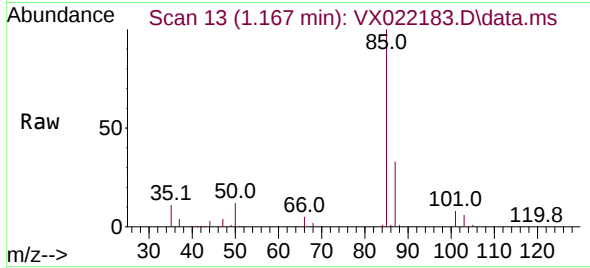




#2  
 Dichlorodifluoromethane  
 Concen: 48.93 ug/L  
 RT: 1.167 min Scan# 13  
 Delta R.T. -0.000 min  
 Lab File: VX022183.D  
 Acq: 25 May 2021 17:50

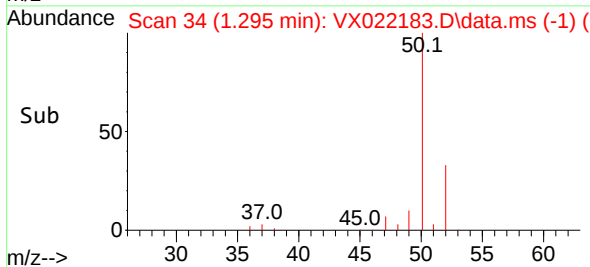
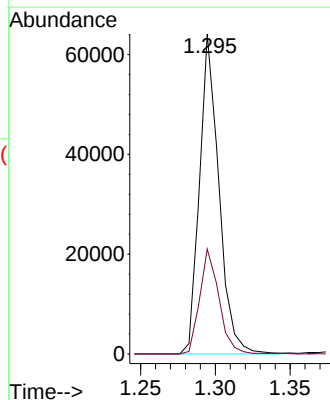
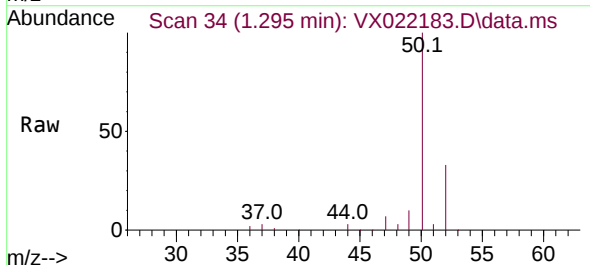
Instrument :  
 MSVOA\_X  
 ClientSampled :

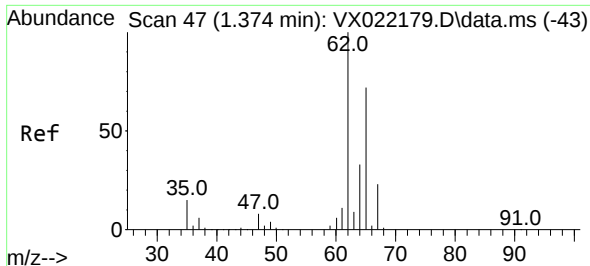
Tgt Ion: 85 Resp: 57358  
 Ion Ratio Lower Upper  
 85 100  
 87 33.2 25.9 38.9



#3  
 Chloromethane  
 Concen: 49.87 ug/L  
 RT: 1.295 min Scan# 34  
 Delta R.T. -0.000 min  
 Lab File: VX022183.D  
 Acq: 25 May 2021 17:50

Tgt Ion: 50 Resp: 57816  
 Ion Ratio Lower Upper  
 50 100  
 52 32.8 23.7 43.9

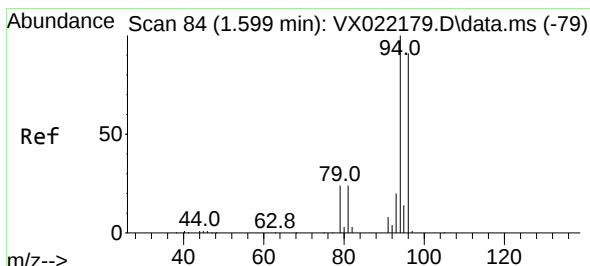
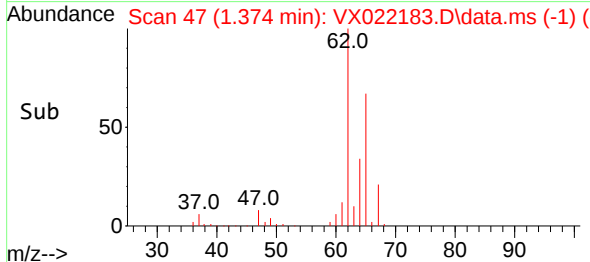
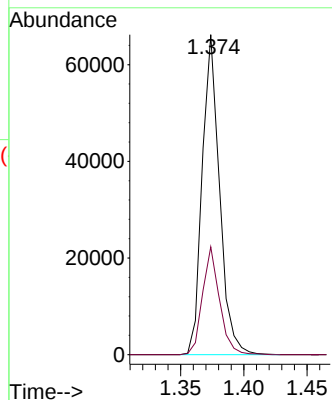
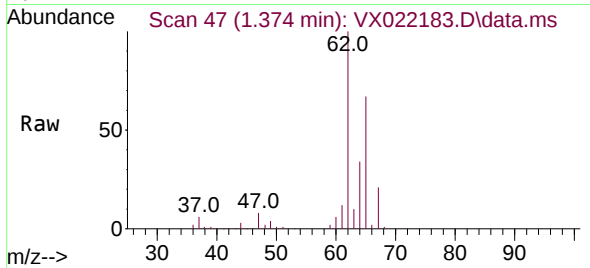




#5  
 Vinyl chloride  
 Concen: 50.05 ug/L  
 RT: 1.374 min Scan# 47  
 Delta R.T. -0.000 min  
 Lab File: VX022183.D  
 Acq: 25 May 2021 17:50

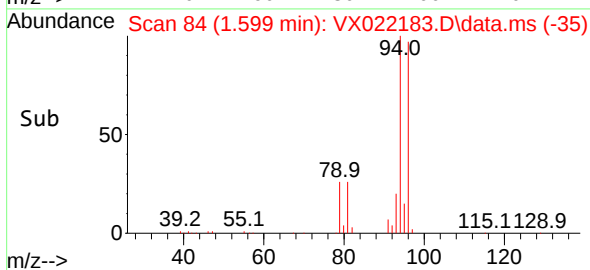
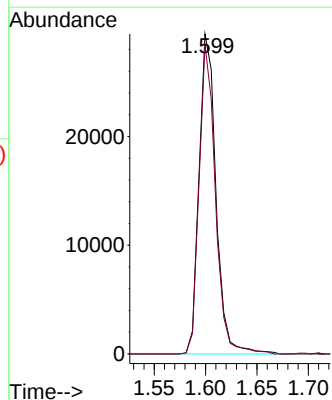
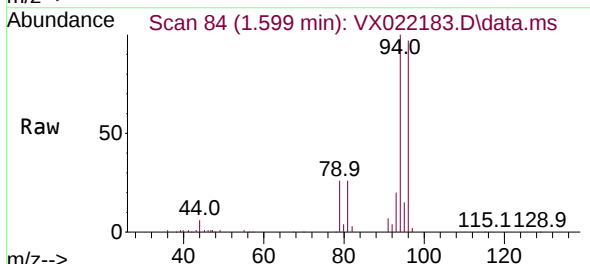
Instrument :  
 MSVOA\_X  
 ClientSampled :

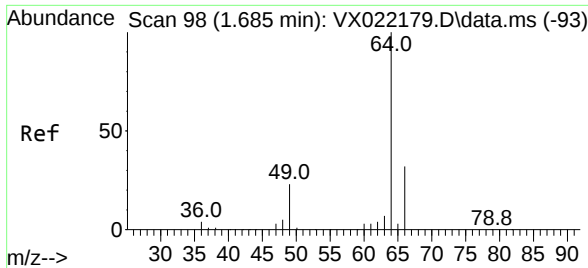
Tgt Ion: 62 Resp: 63292  
 Ion Ratio Lower Upper  
 62 100  
 64 33.7 22.7 42.3



#6  
 Bromomethane  
 Concen: 55.68 ug/L  
 RT: 1.599 min Scan# 84  
 Delta R.T. -0.000 min  
 Lab File: VX022183.D  
 Acq: 25 May 2021 17:50

Tgt Ion: 94 Resp: 33805  
 Ion Ratio Lower Upper  
 94 100  
 96 96.7 64.8 120.3

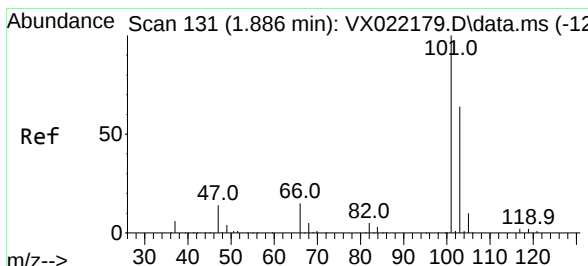
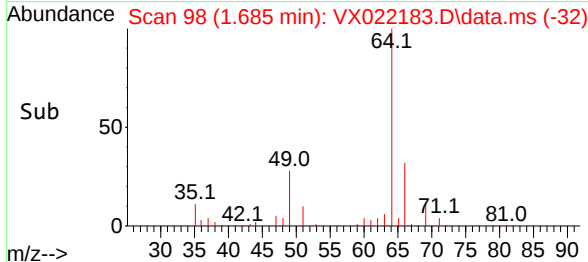
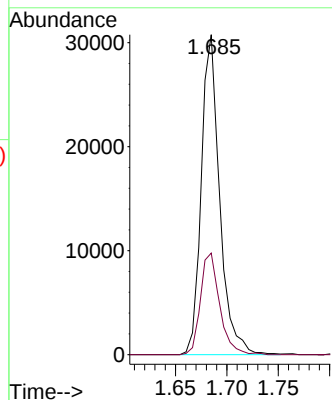
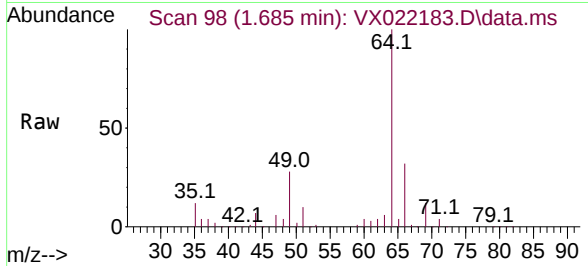




#8  
Chloroethane  
Concen: 50.87 ug/L  
RT: 1.685 min Scan# 98  
Delta R.T. -0.000 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

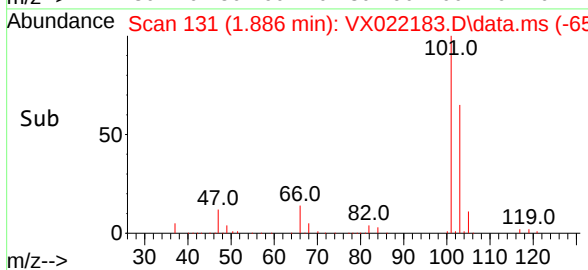
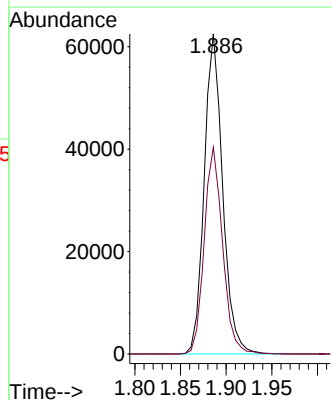
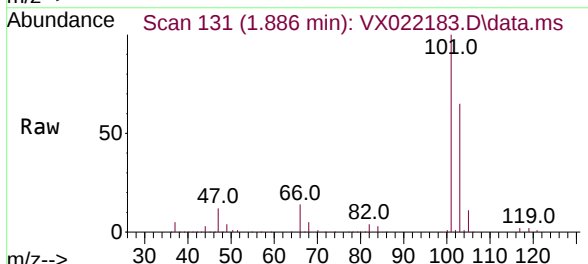
Instrument :  
MSVOA\_X  
ClientSampled :

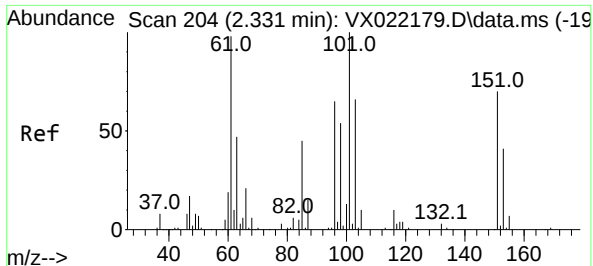
Tgt Ion: 64 Resp: 38359  
Ion Ratio Lower Upper  
64 100  
66 31.8 22.0 41.0



#9  
Trichlorofluoromethane  
Concen: 50.10 ug/L  
RT: 1.886 min Scan# 131  
Delta R.T. -0.000 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

Tgt Ion:101 Resp: 87435  
Ion Ratio Lower Upper  
101 100  
103 64.4 52.2 78.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 48.30 ug/L

RT: 2.331 min Scan# 204

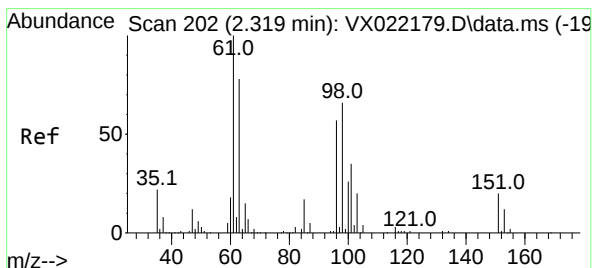
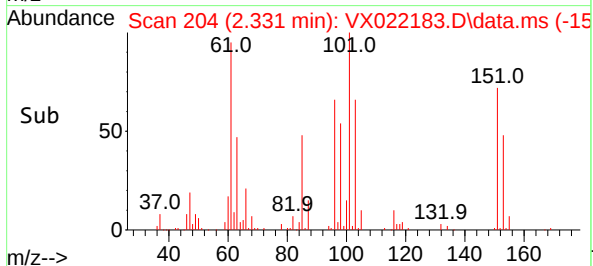
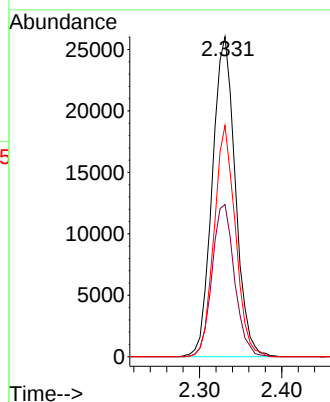
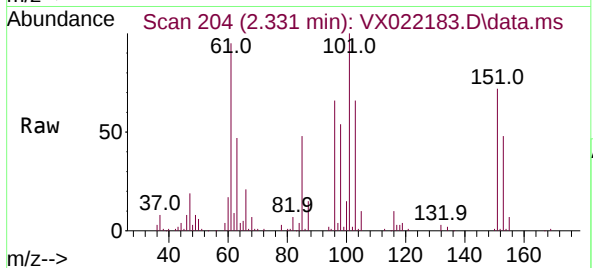
Delta R.T. -0.000 min

Lab File: VX022183.D

Acq: 25 May 2021 17:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 50651 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 46.4  | 34.3  | 51.5  |
| 151      | 67.0  | 60.7  | 91.1  |

Instrument :  
MSVOA\_X  
ClientSampled :



#12

1,1-Dichloroethene

Concen: 49.62 ug/L

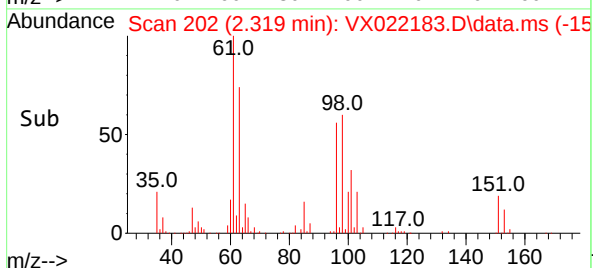
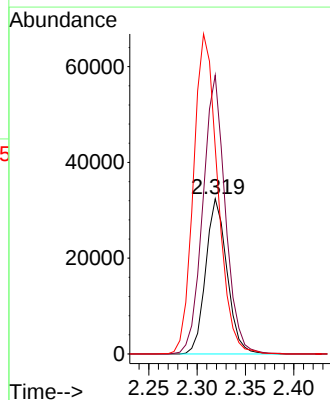
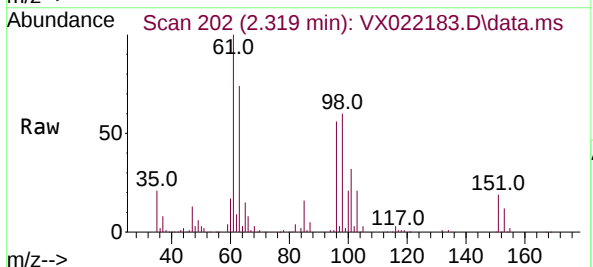
RT: 2.319 min Scan# 202

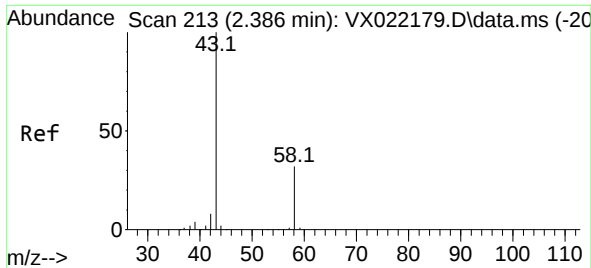
Delta R.T. -0.000 min

Lab File: VX022183.D

Acq: 25 May 2021 17:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 49746 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 179.6 | 115.5 | 214.5 |
| 63       | 133.0 | 77.3  | 143.7 |

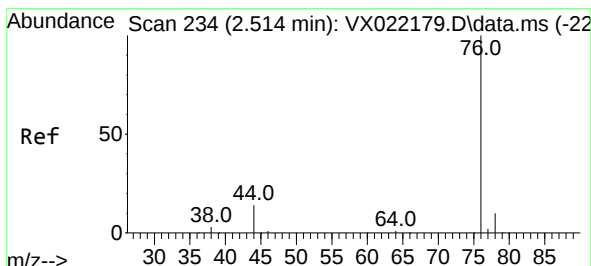
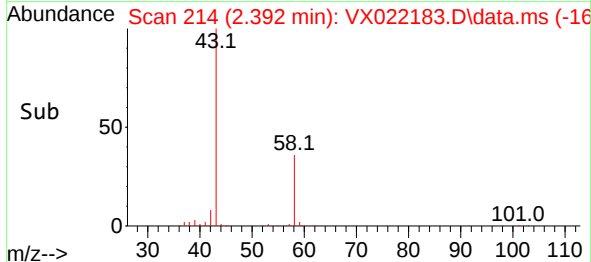
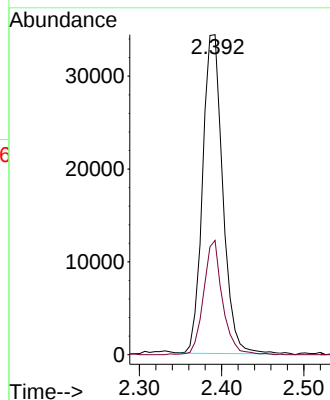
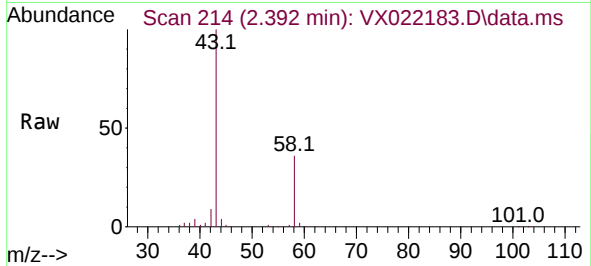




#13  
Acetone  
Concen: 87.69 ug/L  
RT: 2.392 min Scan# 214  
Delta R.T. 0.006 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

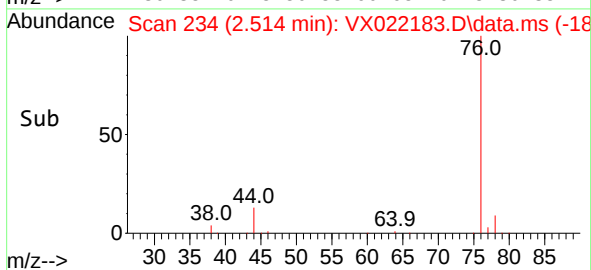
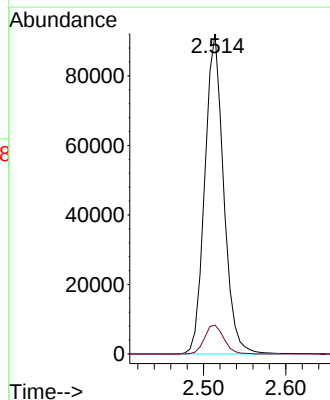
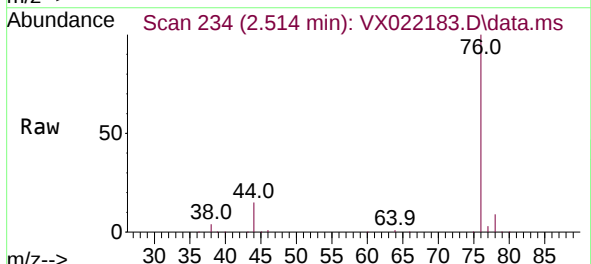
Instrument :  
MSVOA\_X  
ClientSampleId :

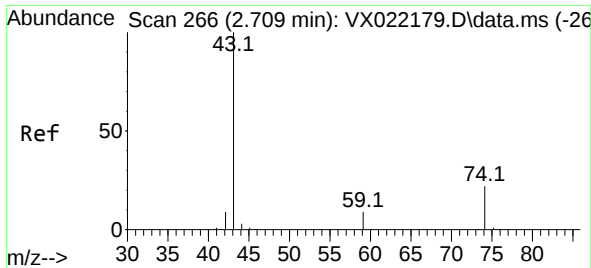
Tgt Ion: 43 Resp: 58541  
Ion Ratio Lower Upper  
43 100  
58 33.3 0.0 68.2



#14  
Carbon disulfide  
Concen: 50.37 ug/L  
RT: 2.514 min Scan# 234  
Delta R.T. -0.000 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

Tgt Ion: 76 Resp: 146595  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.6 11.4

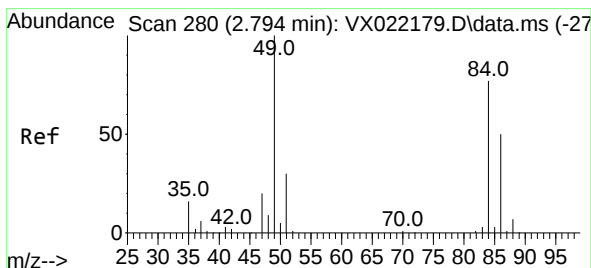
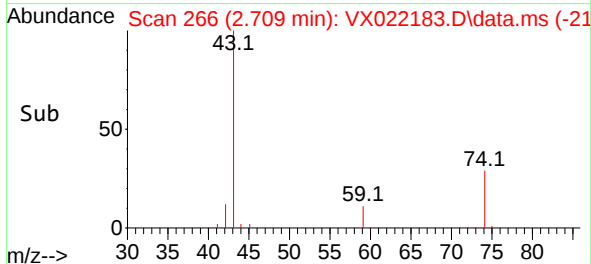
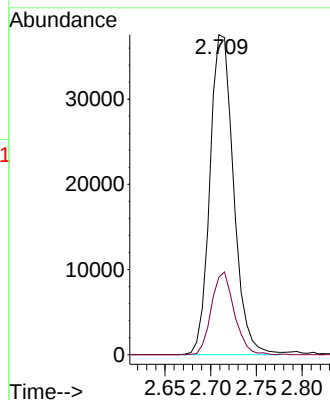
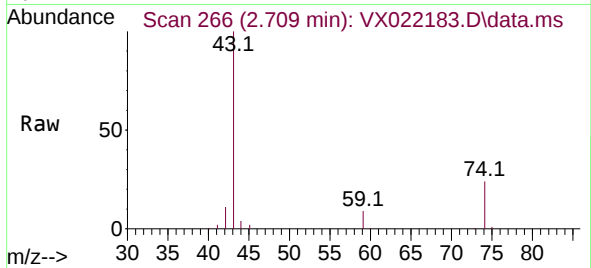




#15  
Methyl Acetate  
Concen: 50.75 ug/L  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

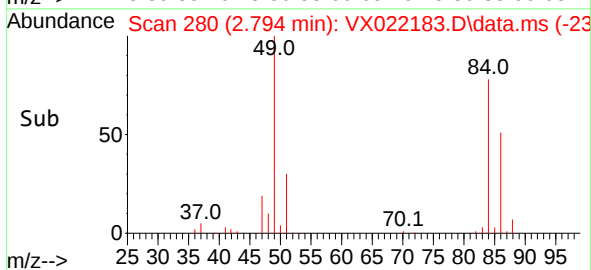
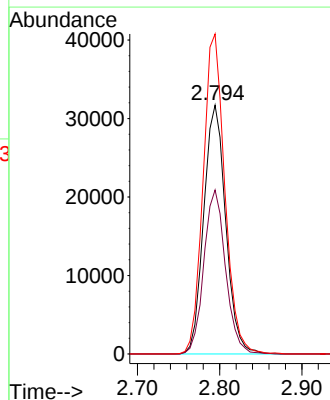
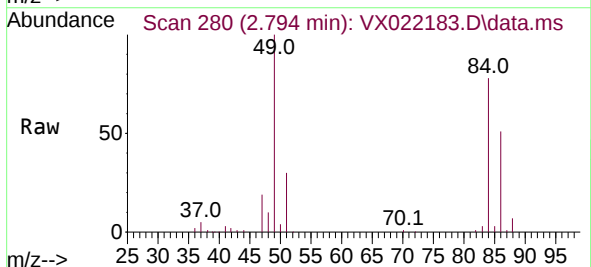
Instrument :  
MSVOA\_X  
ClientSampled :

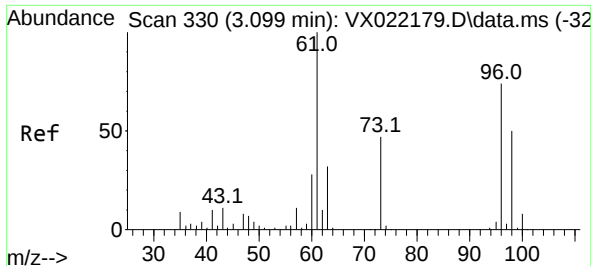
Tgt Ion: 43 Resp: 67761  
Ion Ratio Lower Upper  
43 100  
74 24.8 21.7 32.5



#16  
Methylene chloride  
Concen: 47.53 ug/L  
RT: 2.794 min Scan# 280  
Delta R.T. -0.000 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

Tgt Ion: 84 Resp: 58910  
Ion Ratio Lower Upper  
84 100  
86 65.9 44.2 82.0  
49 128.6 77.8 144.6



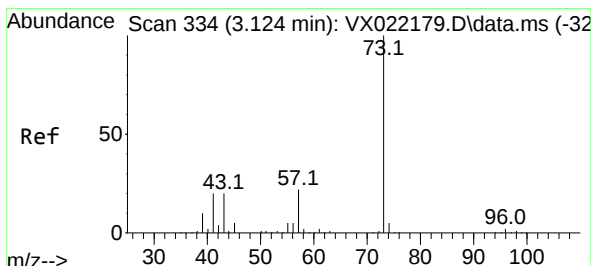
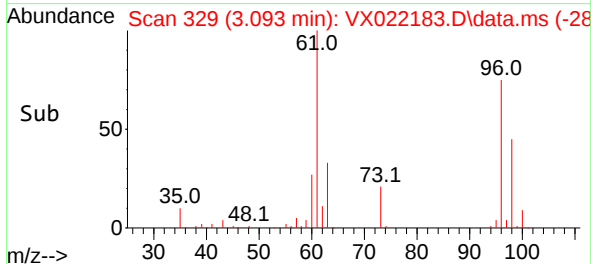
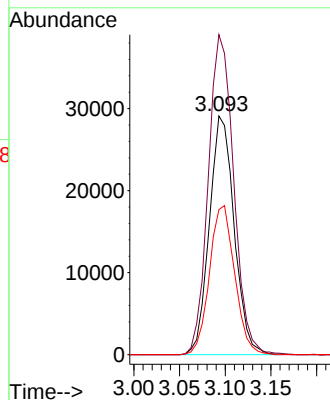
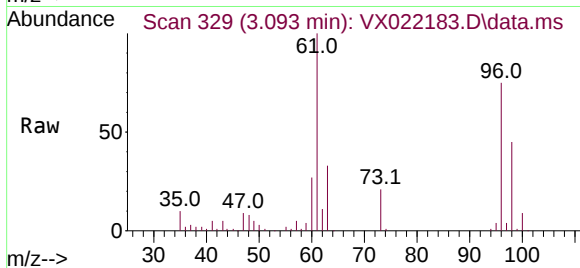


#17

trans-1,2-Dichloroethene  
Concen: 49.90 ug/L  
RT: 3.093 min Scan# 329  
Delta R.T. -0.006 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

Instrument :  
MSVOA\_X  
ClientSampled :

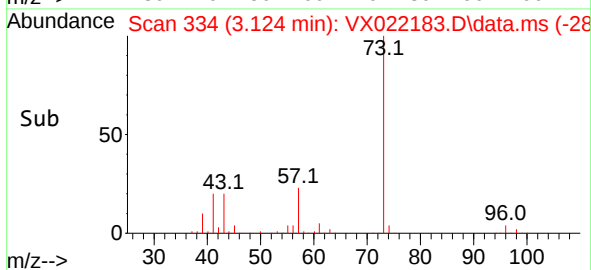
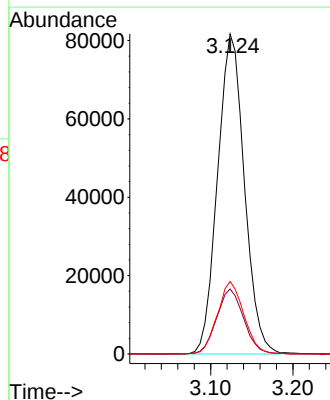
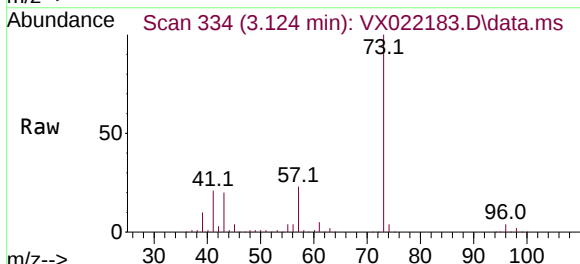
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 55027 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 134.0 | 92.3  | 171.3 |
| 98       | 60.8  | 46.3  | 85.9  |

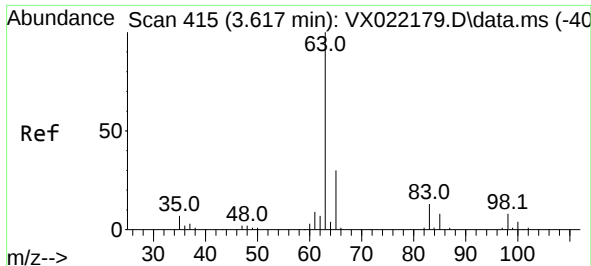


#18

Methyl tert-butyl Ether  
Concen: 49.37 ug/L  
RT: 3.124 min Scan# 334  
Delta R.T. -0.000 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 73    | Resp: | 184909 |
| Ion      | Ratio | Lower | Upper  |
| 73       | 100   |       |        |
| 43       | 20.4  | 15.1  | 22.7   |
| 57       | 22.3  | 17.4  | 26.2   |





#19

1,1-Dichloroethane

Concen: 50.80 ug/L

RT: 3.617 min Scan# 415

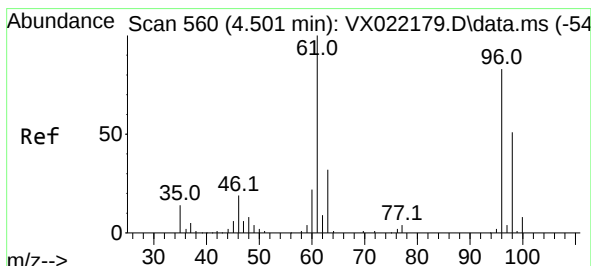
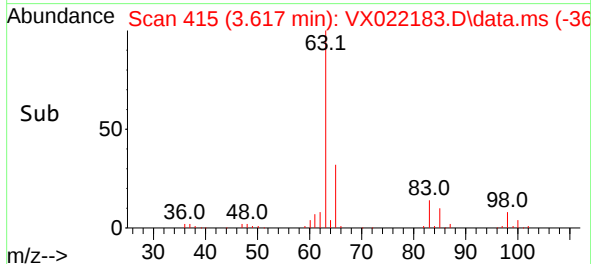
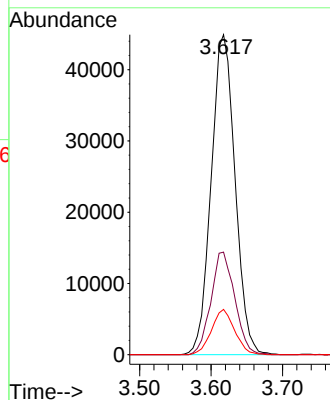
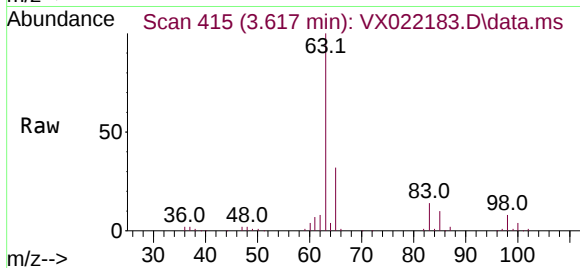
Delta R.T. -0.000 min

Lab File: VX022183.D

Acq: 25 May 2021 17:50

Tgt Ion: 63 Resp: 104300

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 65  | 32.0  | 22.4  | 41.6  |
| 83  | 14.2  | 9.5   | 17.7  |



#20

cis-1,2-Dichloroethene

Concen: 50.48 ug/L

RT: 4.495 min Scan# 559

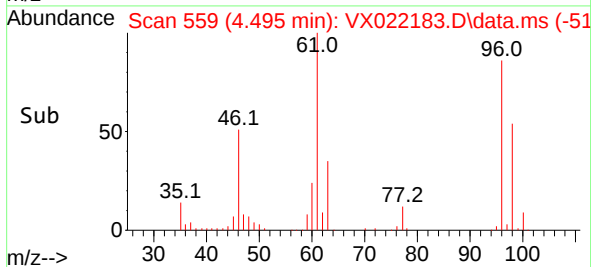
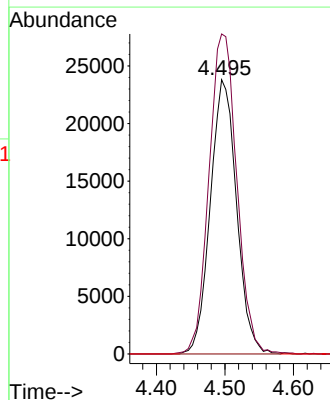
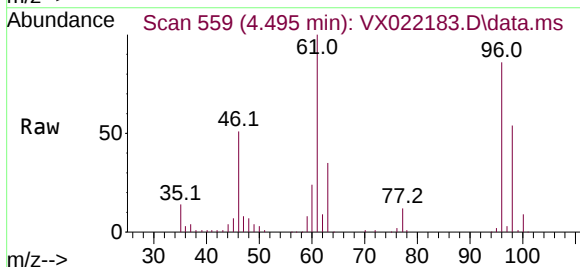
Delta R.T. -0.006 min

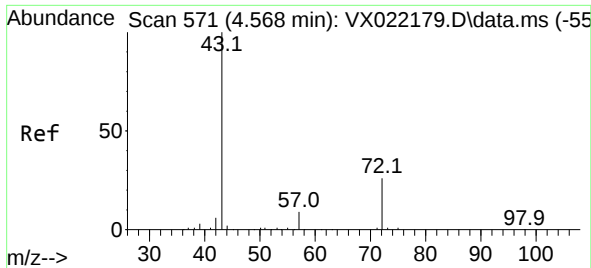
Lab File: VX022183.D

Acq: 25 May 2021 17:50

Tgt Ion: 96 Resp: 63361

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 116.7 | 87.8  | 163.0 |
| 68  | 0.0   | 0.0   | 0.0   |

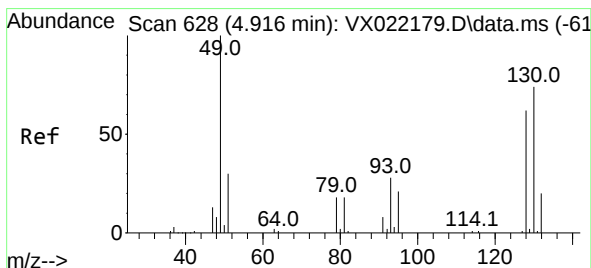
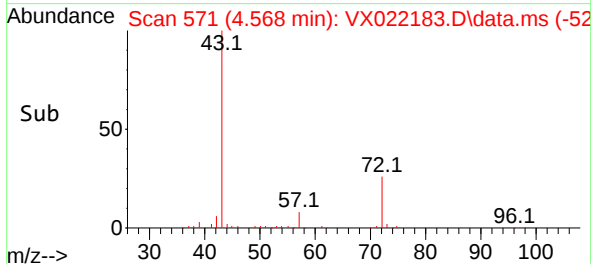
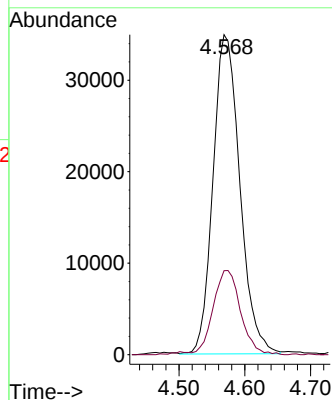
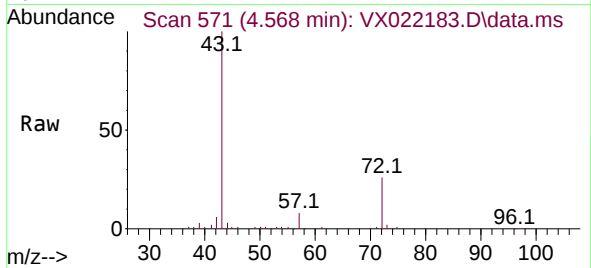




#22  
2-Butanone  
Concen: 95.51 ug/L  
RT: 4.568 min Scan# 571  
Delta R.T. -0.000 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

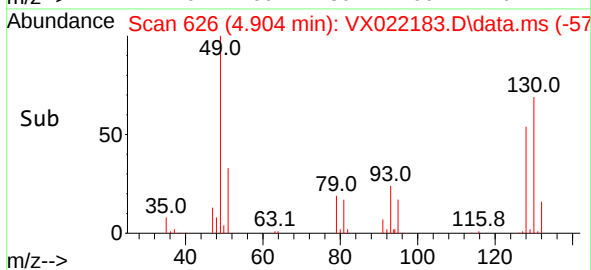
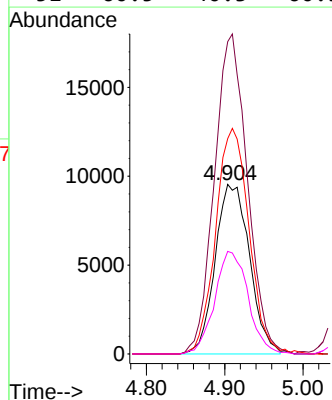
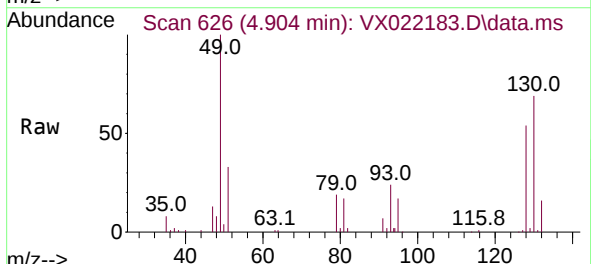
Instrument :  
MSVOA\_X  
ClientSampled :

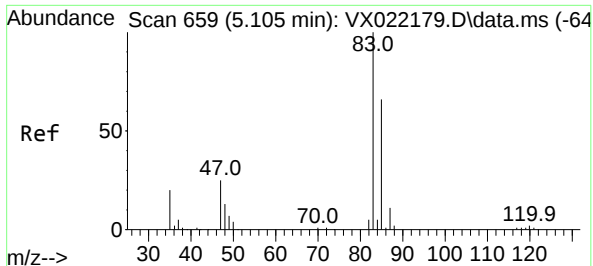
Tgt Ion: 43 Resp: 99148  
Ion Ratio Lower Upper  
43 100  
72 26.8 15.3 45.8



#23  
Bromochloromethane  
Concen: 50.05 ug/L  
RT: 4.904 min Scan# 626  
Delta R.T. -0.012 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

Tgt Ion: 128 Resp: 29119  
Ion Ratio Lower Upper  
128 100  
49 184.2 107.5 199.7  
130 127.0 91.1 169.3  
51 60.5 40.3 60.5#





#25

Chloroform

Concen: 50.17 ug/L

RT: 5.105 min Scan# 659

Delta R.T. -0.000 min

Lab File: VX022183.D

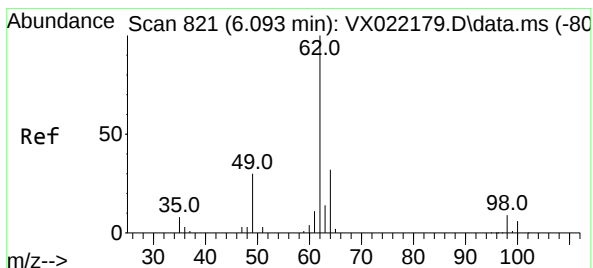
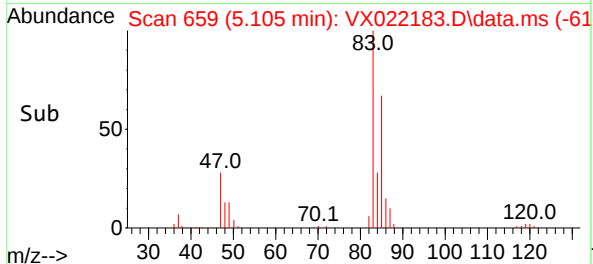
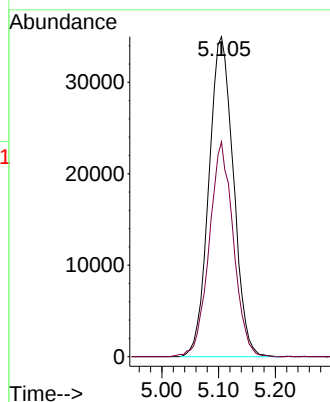
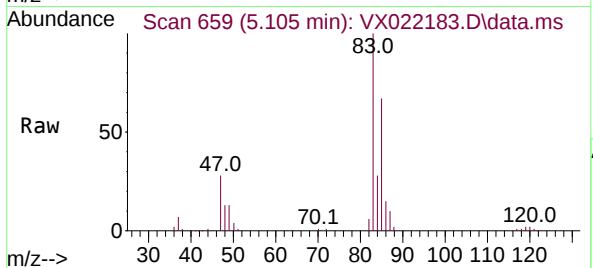
Acq: 25 May 2021 17:50

Tgt Ion: 83 Resp: 105129

Ion Ratio Lower Upper

83 100

85 67.1 46.3 85.9



#27

1,2-Dichloroethane

Concen: 50.13 ug/L

RT: 6.099 min Scan# 822

Delta R.T. 0.006 min

Lab File: VX022183.D

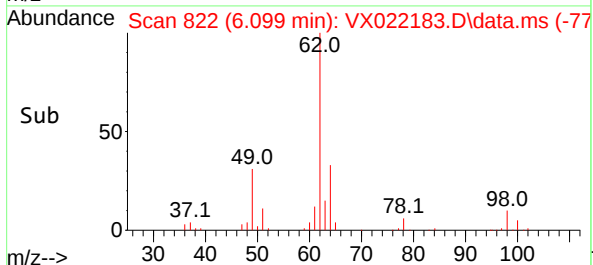
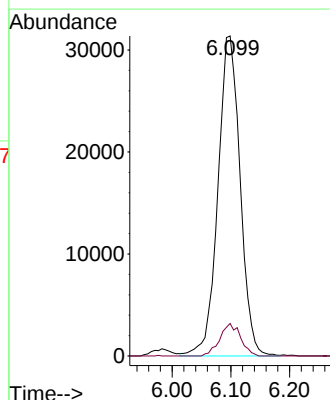
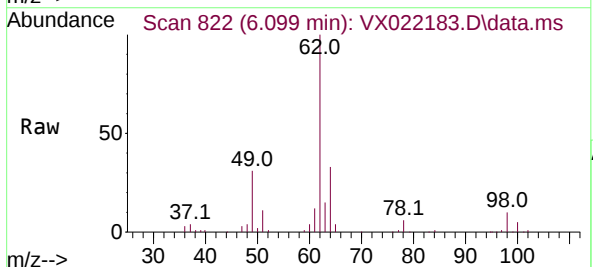
Acq: 25 May 2021 17:50

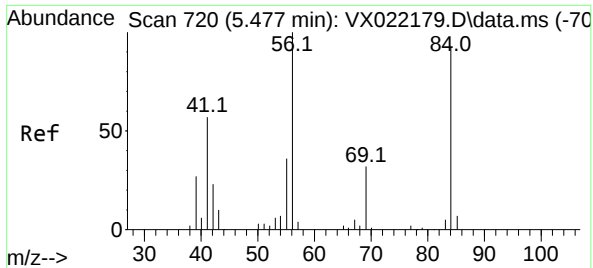
Tgt Ion: 62 Resp: 82515

Ion Ratio Lower Upper

62 100

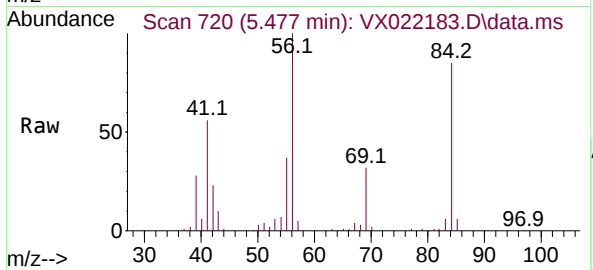
98 10.2 7.9 11.9



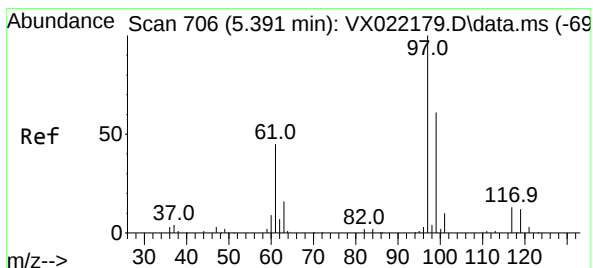
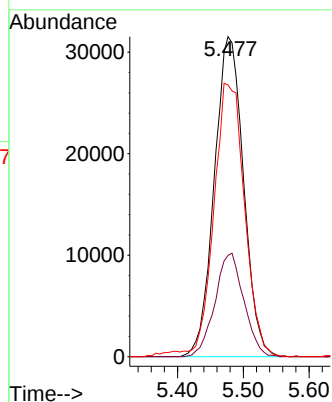
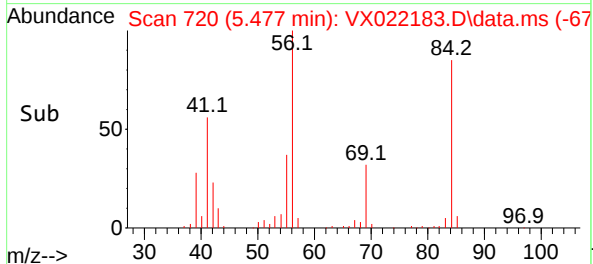


#29  
Cyclohexane  
Concen: 50.27 ug/L  
RT: 5.477 min Scan# 720  
Delta R.T. -0.000 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

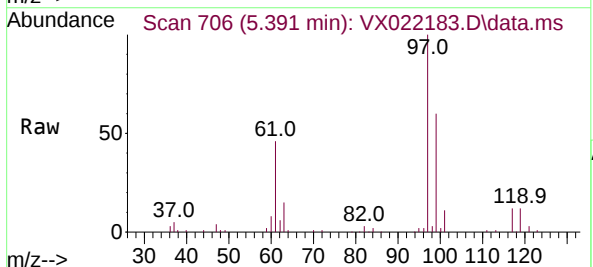
Instrument :  
MSVOA\_X  
ClientSampled :



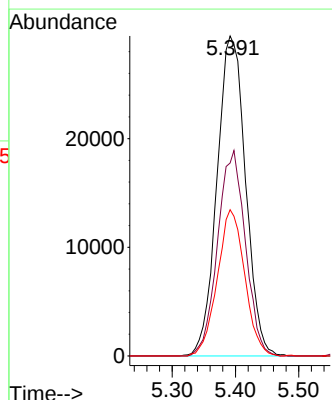
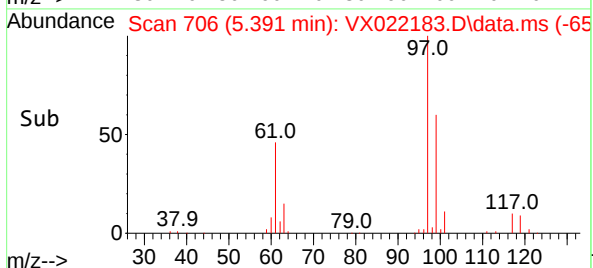
Tgt Ion: 56 Resp: 97455  
Ion Ratio Lower Upper  
56 100  
69 31.8 25.7 38.5  
84 53.3 72.4 108.6#

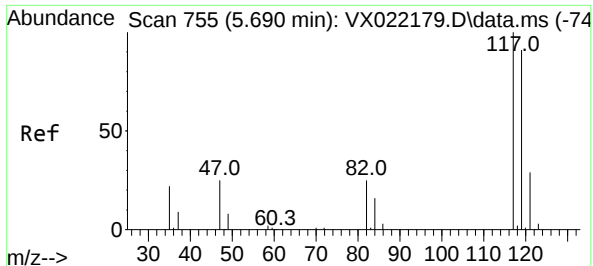


#30  
1,1,1-Trichloroethane  
Concen: 51.62 ug/L  
RT: 5.391 min Scan# 706  
Delta R.T. -0.000 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50



Tgt Ion: 97 Resp: 92404  
Ion Ratio Lower Upper  
97 100  
99 62.3 52.1 78.1  
61 43.8 35.3 52.9

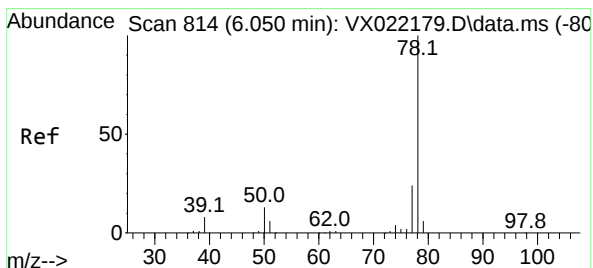
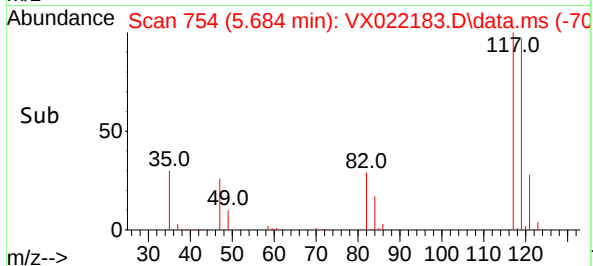
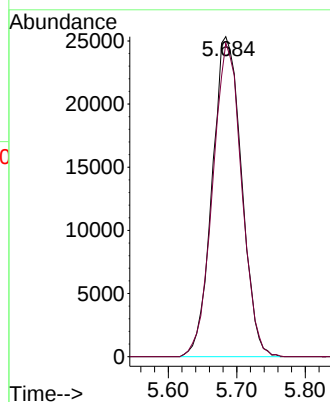
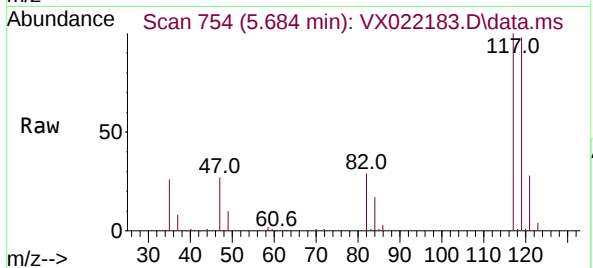




#31  
Carbon tetrachloride  
Concen: 50.95 ug/L  
RT: 5.684 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

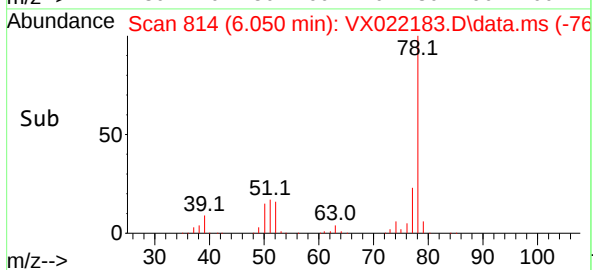
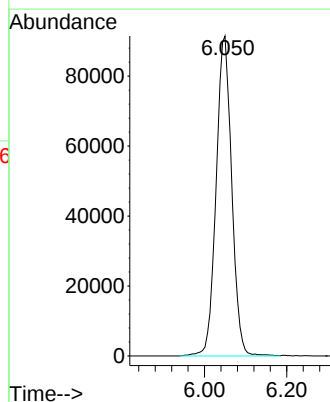
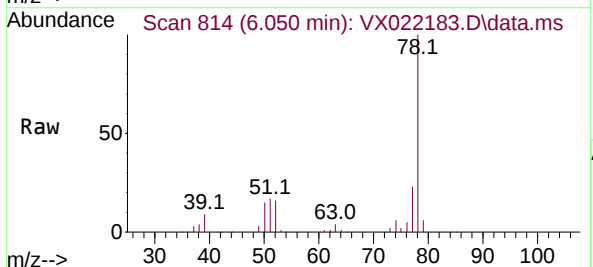
Instrument :  
MSVOA\_X  
ClientSampleId :

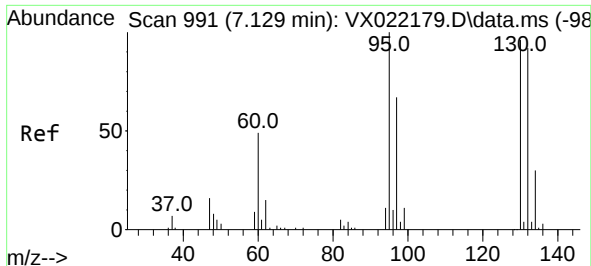
Tgt Ion:117 Resp: 75317  
Ion Ratio Lower Upper  
117 100  
119 96.7 77.5 116.3



#33  
Benzene  
Concen: 51.35 ug/L  
RT: 6.050 min Scan# 814  
Delta R.T. -0.000 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

Tgt Ion: 78 Resp: 240770

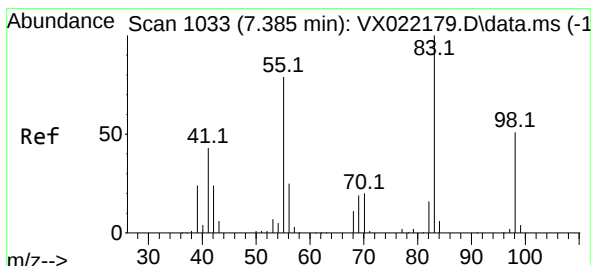
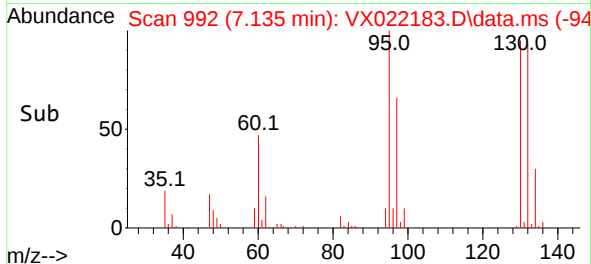
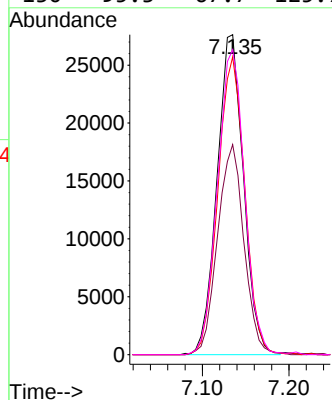
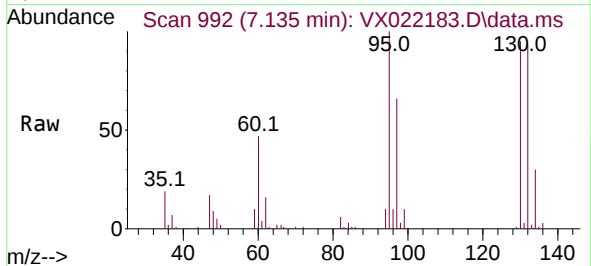




#34  
Trichloroethene  
Concen: 49.58 ug/L  
RT: 7.135 min Scan# 992  
Delta R.T. 0.006 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

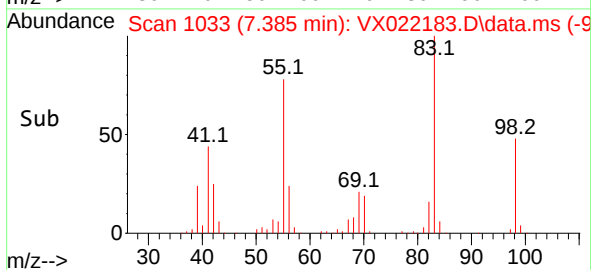
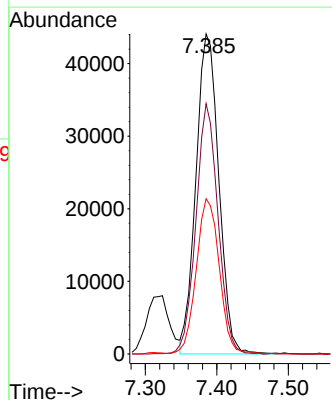
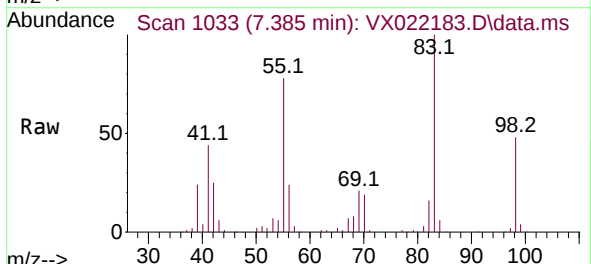
Instrument :  
MSVOA\_X  
ClientSampled :

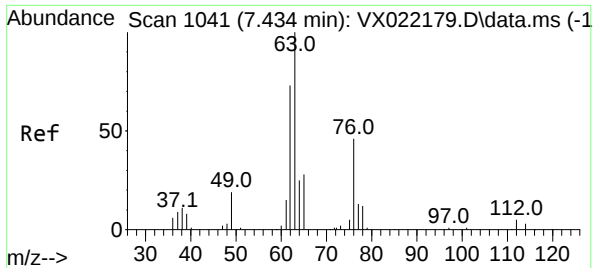
Tgt Ion: 95 Resp: 58694  
Ion Ratio Lower Upper  
95 100  
97 65.7 44.5 82.7  
132 93.1 65.2 121.0  
130 95.3 67.7 125.7



#35  
Methylcyclohexane  
Concen: 50.23 ug/L  
RT: 7.385 min Scan# 1033  
Delta R.T. -0.000 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

Tgt Ion: 83 Resp: 98077  
Ion Ratio Lower Upper  
83 100  
55 75.4 61.2 91.8  
98 48.9 38.7 58.1

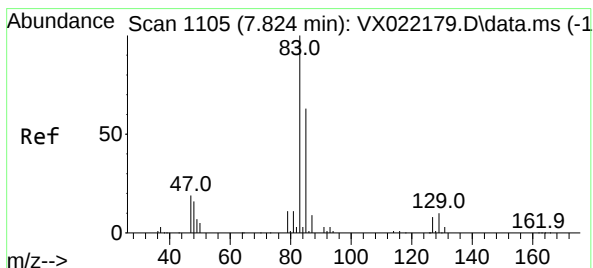
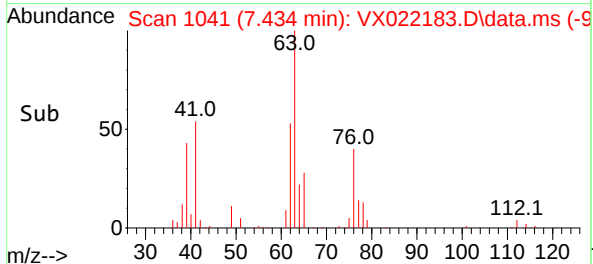
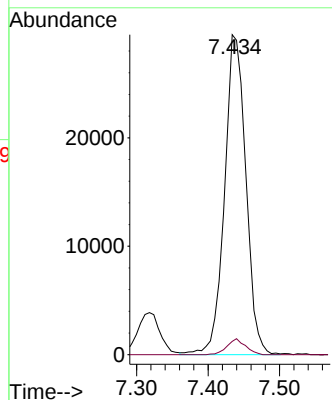
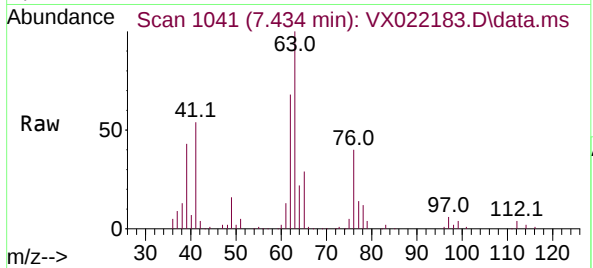




#37  
1,2-Dichloropropane  
Concen: 50.91 ug/L  
RT: 7.434 min Scan# 1041  
Delta R.T. -0.000 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

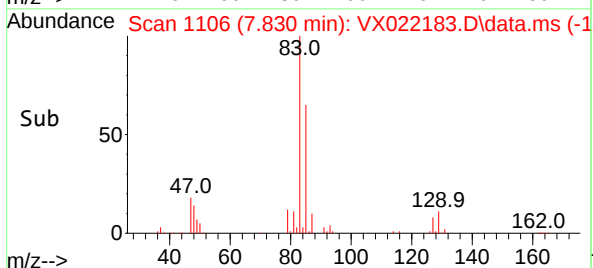
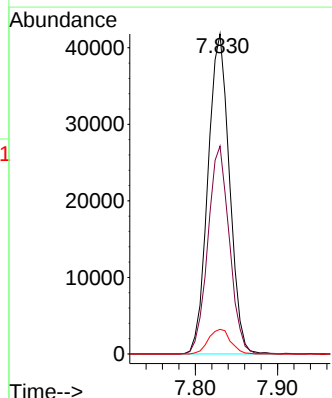
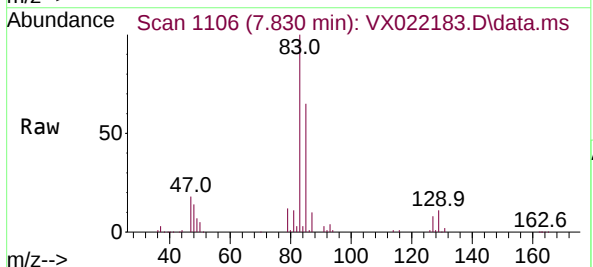
Instrument :  
MSVOA\_X  
ClientSampled :

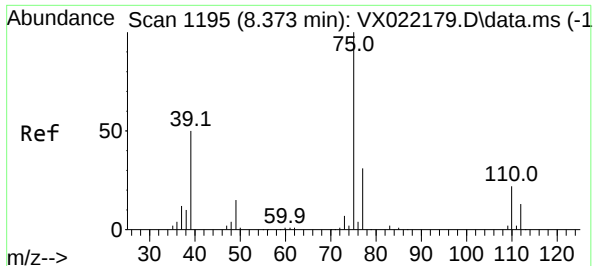
Tgt Ion: 63 Resp: 61168  
Ion Ratio Lower Upper  
63 100  
112 4.3 3.6 5.4



#38  
Bromodichloromethane  
Concen: 50.61 ug/L  
RT: 7.830 min Scan# 1106  
Delta R.T. 0.006 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

Tgt Ion: 83 Resp: 75903  
Ion Ratio Lower Upper  
83 100  
85 65.0 45.1 83.7  
127 7.7 6.6 10.0

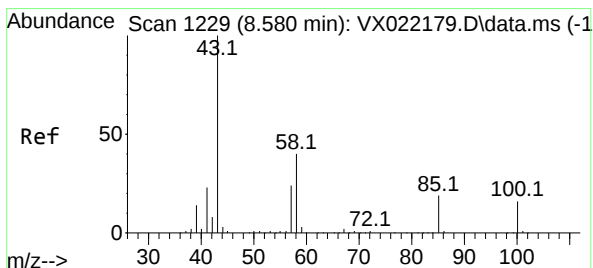
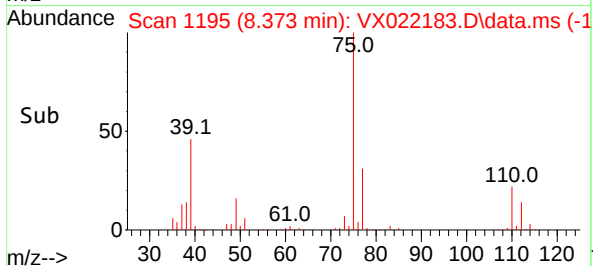
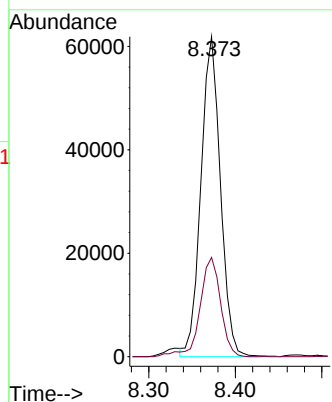
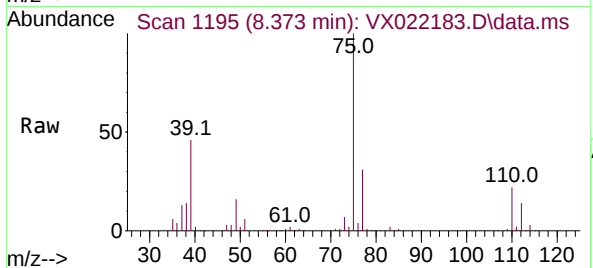




#39  
 cis-1,3-Dichloropropene  
 Concen: 52.01 ug/L  
 RT: 8.373 min Scan# 1195  
 Delta R.T. -0.000 min  
 Lab File: VX022183.D  
 Acq: 25 May 2021 17:50

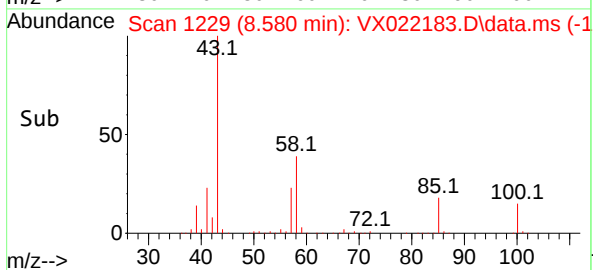
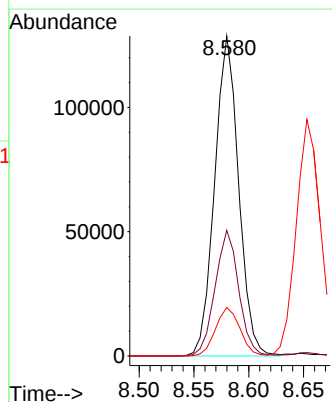
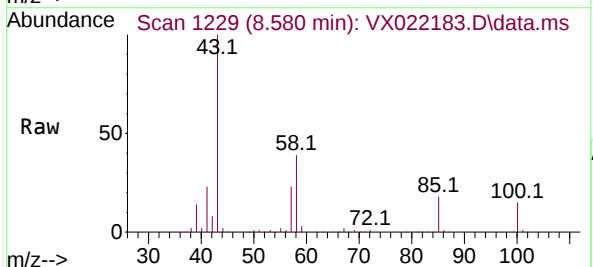
Instrument :  
 MSVOA\_X  
 ClientSampled :

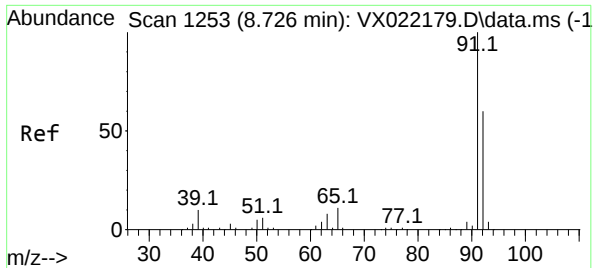
Tgt Ion: 75 Resp: 96754  
 Ion Ratio Lower Upper  
 75 100  
 77 31.0 22.7 42.3



#40  
 4-Methyl-2-pentanone  
 Concen: 103.55 ug/L  
 RT: 8.580 min Scan# 1229  
 Delta R.T. -0.000 min  
 Lab File: VX022183.D  
 Acq: 25 May 2021 17:50

Tgt Ion: 43 Resp: 196001  
 Ion Ratio Lower Upper  
 43 100  
 58 38.7 35.0 52.4  
 100 15.4 14.2 21.4





#42

Toluene

Concen: 51.01 ug/L

RT: 8.726 min Scan# 1253

Delta R.T. 0.000 min

Lab File: VX022183.D

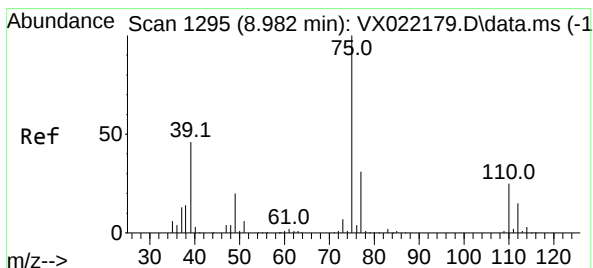
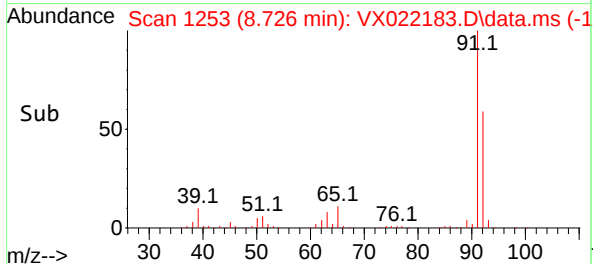
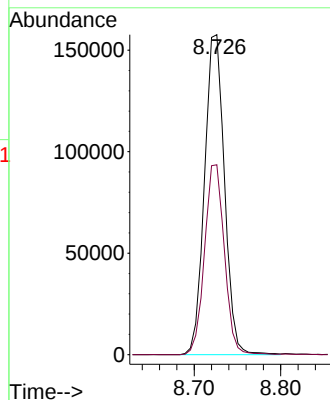
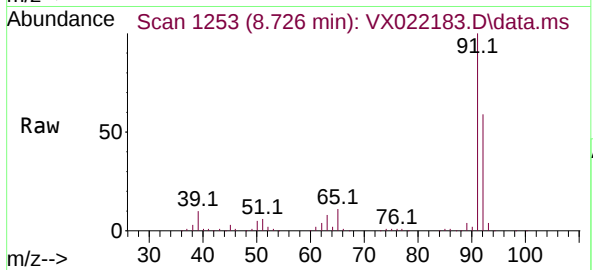
Acq: 25 May 2021 17:50

Tgt Ion: 91 Resp: 252773

Ion Ratio Lower Upper

91 100

92 59.4 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 50.26 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX022183.D

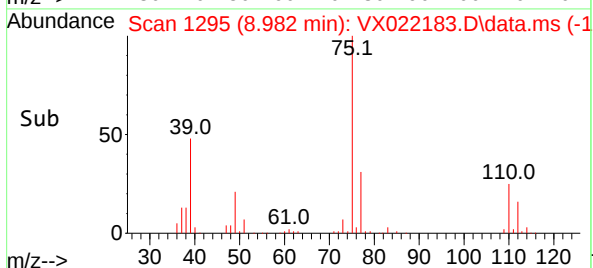
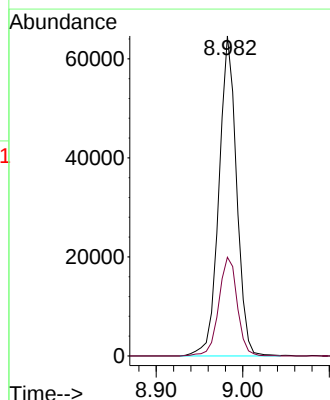
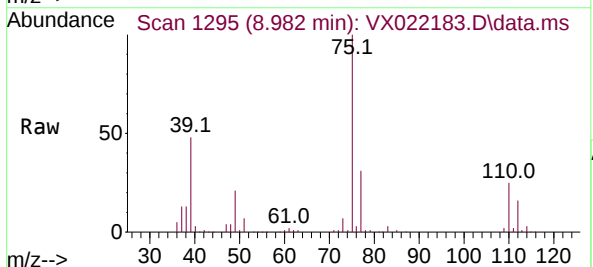
Acq: 25 May 2021 17:50

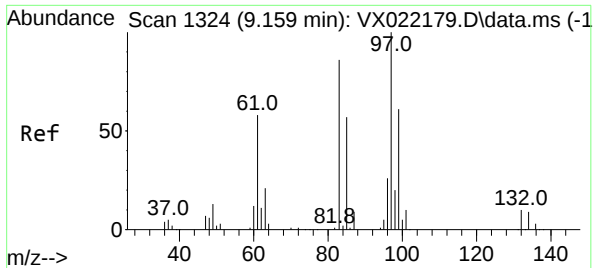
Tgt Ion: 75 Resp: 91601

Ion Ratio Lower Upper

75 100

77 30.8 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 50.75 ug/L

RT: 9.159 min Scan# 1324

Delta R.T. 0.000 min

Lab File: VX022183.D

Acq: 25 May 2021 17:50

Tgt Ion: 97 Resp: 58606

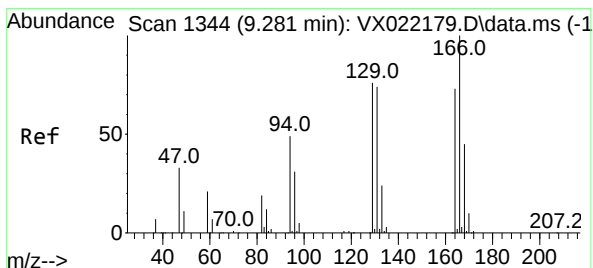
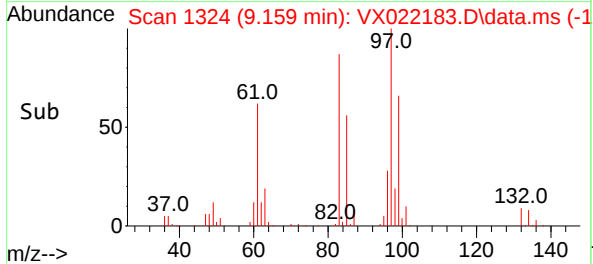
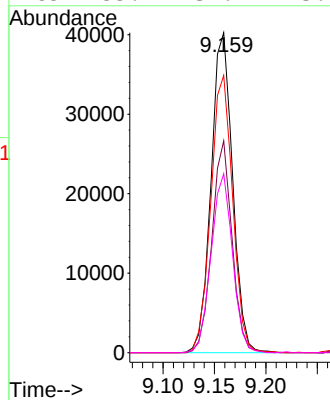
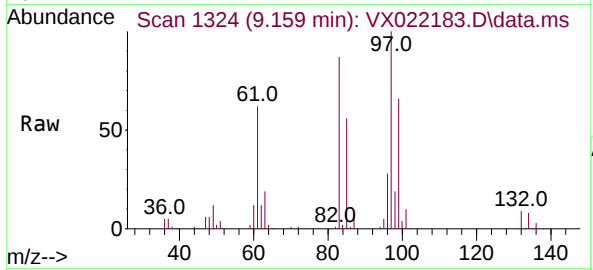
Ion Ratio Lower Upper

97 100

99 66.2 44.0 81.6

83 86.7 60.8 113.0

85 55.9 39.4 73.2



#46

Tetrachloroethene

Concen: 49.24 ug/L

RT: 9.281 min Scan# 1344

Delta R.T. -0.000 min

Lab File: VX022183.D

Acq: 25 May 2021 17:50

Tgt Ion: 164 Resp: 38950

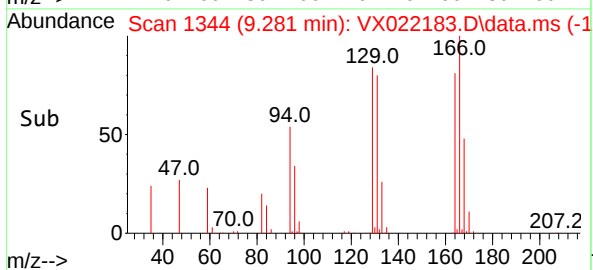
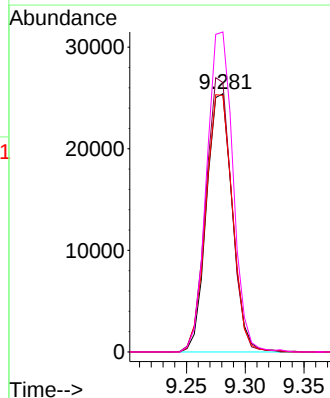
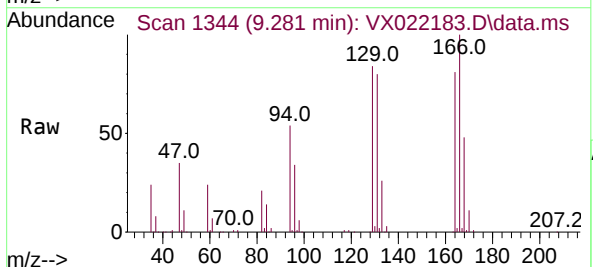
Ion Ratio Lower Upper

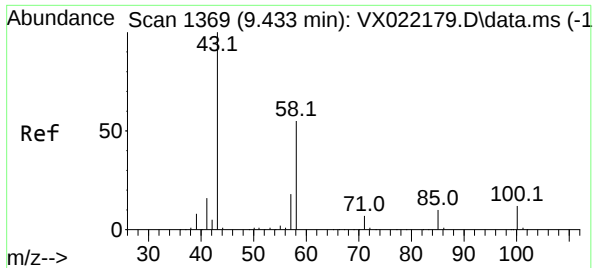
164 100

129 104.3 65.6 121.8

131 99.3 63.7 118.3

166 123.9 93.0 172.6



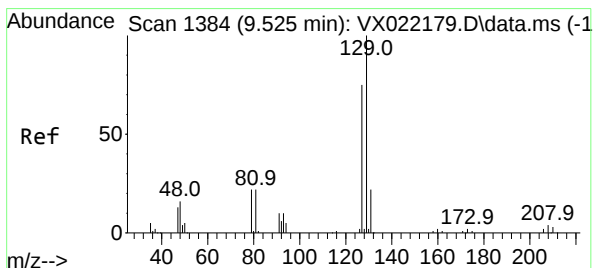
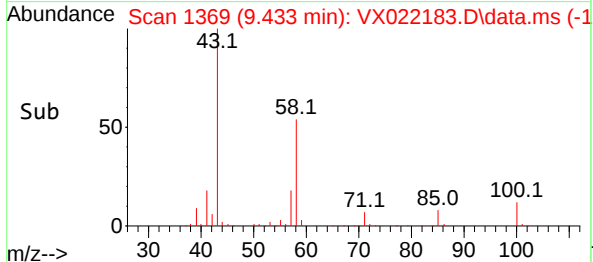
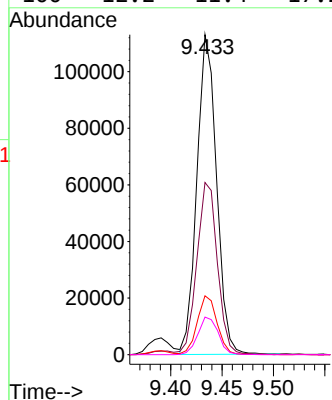
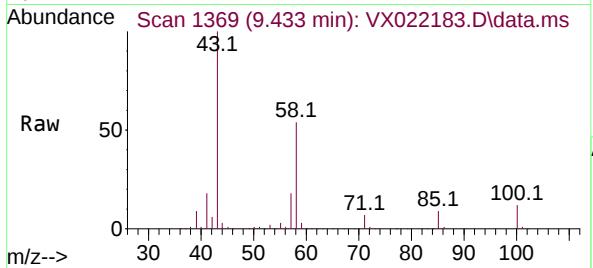


#48  
2-Hexanone  
Concen: 99.80 ug/L  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

Instrument :  
MSVOA\_X  
ClientSampled :

Tgt Ion: 43 Resp: 150654

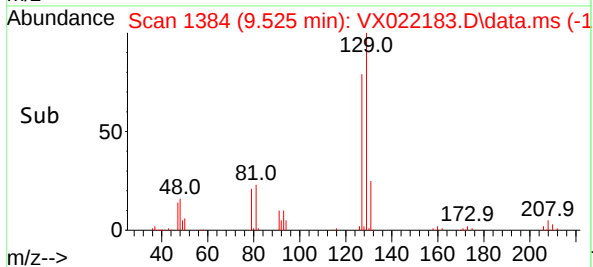
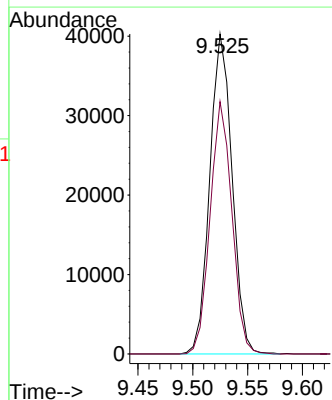
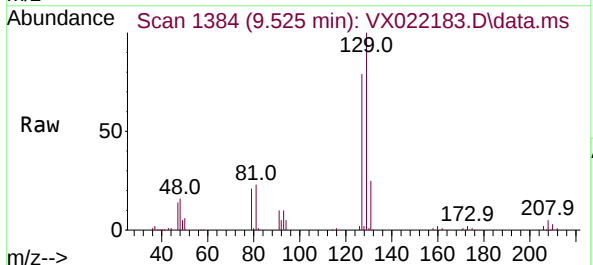
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 56.3  | 50.1  | 75.1  |
| 57  | 18.6  | 17.3  | 25.9  |
| 100 | 12.2  | 11.4  | 17.2  |

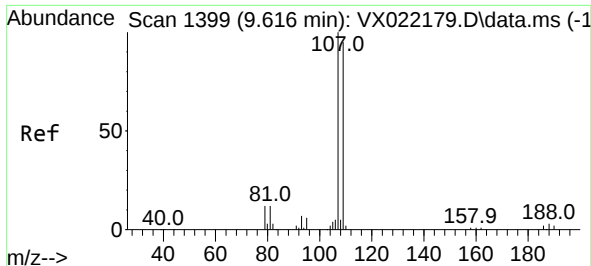


#49  
Dibromochloromethane  
Concen: 52.12 ug/L  
RT: 9.525 min Scan# 1384  
Delta R.T. -0.000 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

Tgt Ion: 129 Resp: 57131

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 129 | 100   |       |       |
| 127 | 78.8  | 52.5  | 97.5  |

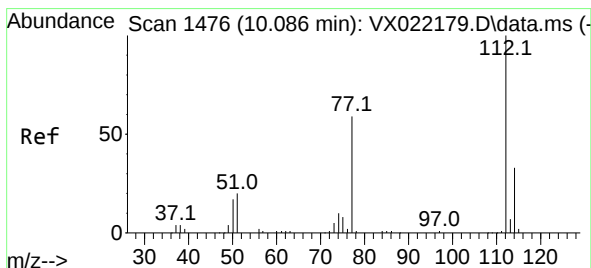
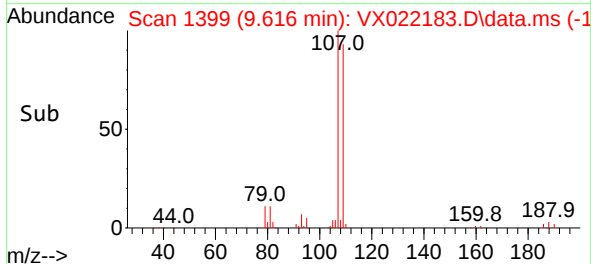
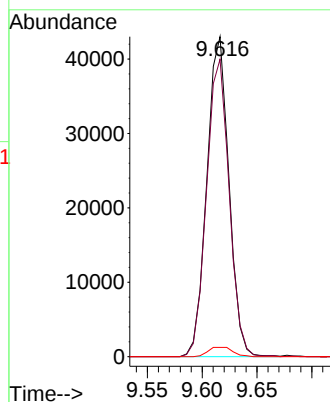
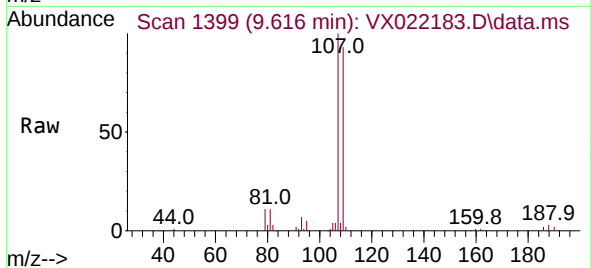




#50  
1,2-Dibromoethane  
Concen: 50.81 ug/L  
RT: 9.616 min Scan# 1399  
Delta R.T. 0.000 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

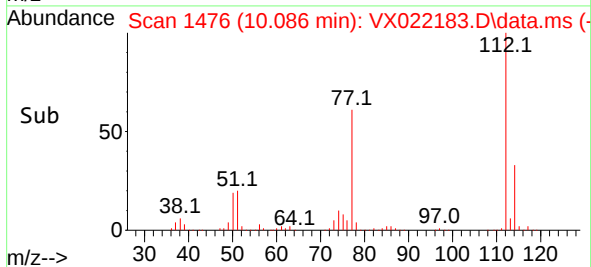
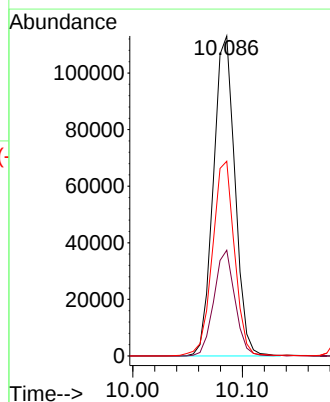
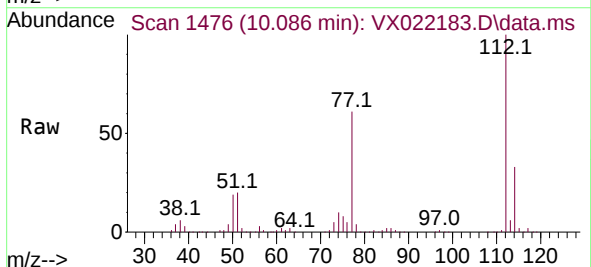
Instrument :  
MSVOA\_X  
ClientSampled :

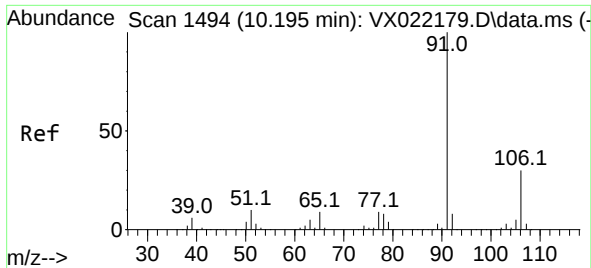
Tgt Ion:107 Resp: 60348  
Ion Ratio Lower Upper  
107 100  
109 92.9 66.4 123.4  
188 2.9 3.2 4.8#



#51  
Chlorobenzene  
Concen: 49.93 ug/L  
RT: 10.086 min Scan# 1476  
Delta R.T. -0.000 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

Tgt Ion:112 Resp: 155067  
Ion Ratio Lower Upper  
112 100  
114 33.1 23.2 43.2  
77 60.9 48.4 72.6

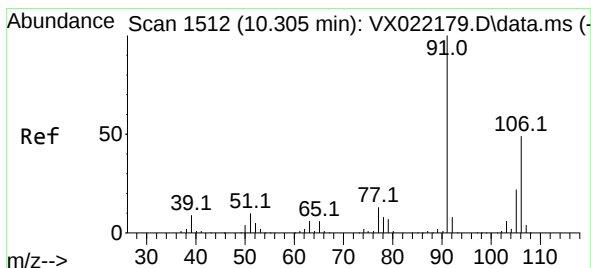
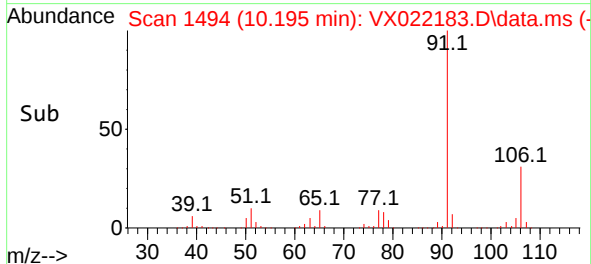
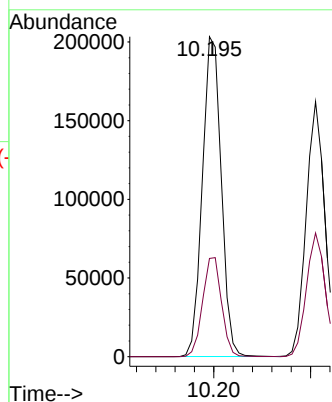
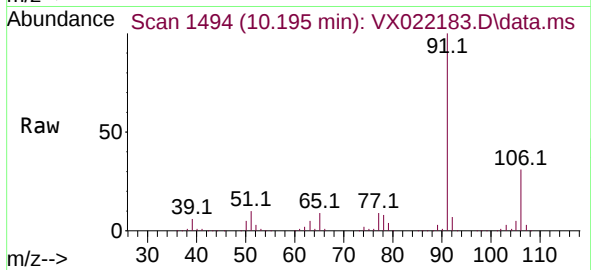




#52  
Ethylbenzene  
Concen: 50.12 ug/L  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

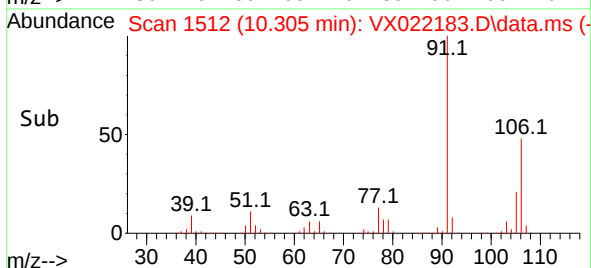
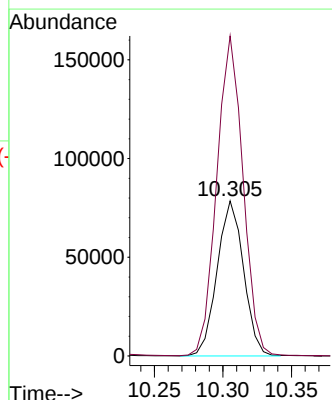
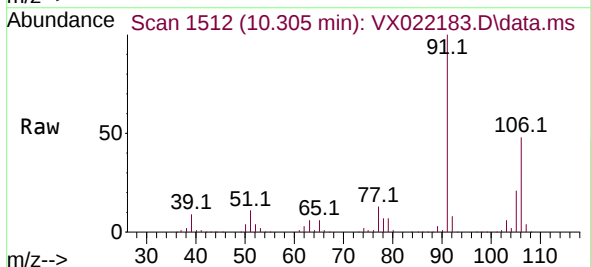
Instrument :  
MSVOA\_X  
ClientSampled :

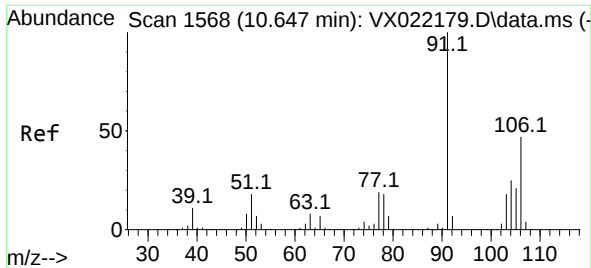
Tgt Ion: 91 Resp: 276305  
Ion Ratio Lower Upper  
91 100  
106 30.7 21.0 39.0



#53  
m,p-Xylene  
Concen: 50.26 ug/L  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.000 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

Tgt Ion: 106 Resp: 105558  
Ion Ratio Lower Upper  
106 100  
91 206.3 142.5 264.6

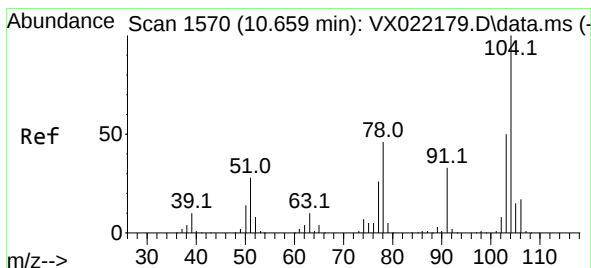
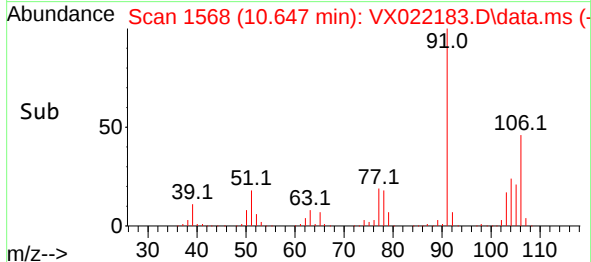
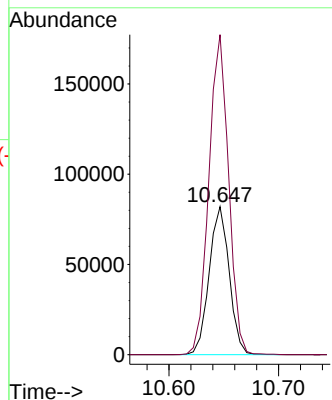
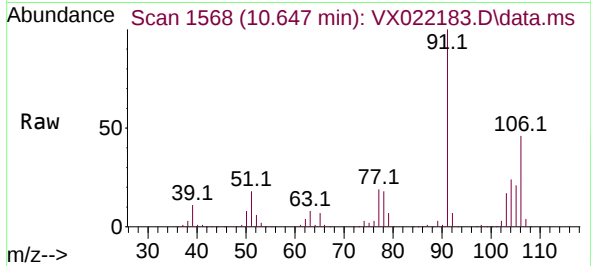




#54  
o-Xylene  
Concen: 51.14 ug/L  
RT: 10.647 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

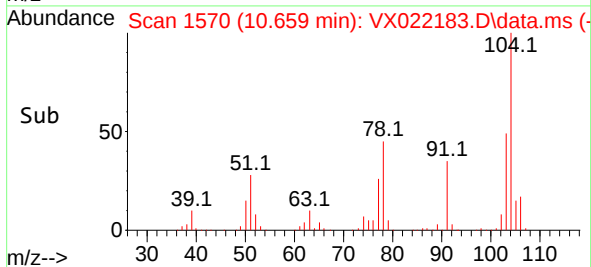
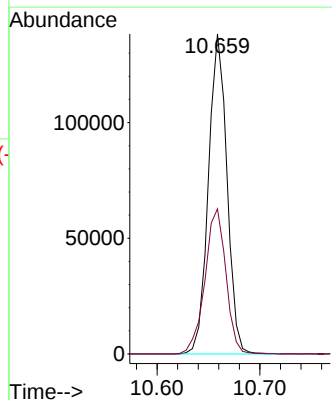
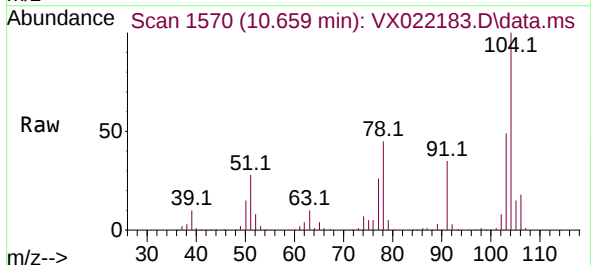
Instrument :  
MSVOA\_X  
ClientSampled :

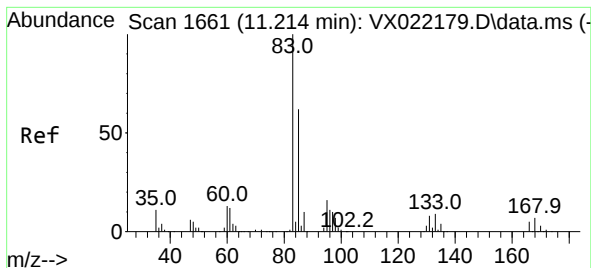
Tgt Ion:106 Resp: 104377  
Ion Ratio Lower Upper  
106 100  
91 216.2 156.2 290.0



#55  
Styrene  
Concen: 50.42 ug/L  
RT: 10.659 min Scan# 1570  
Delta R.T. -0.000 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

Tgt Ion:104 Resp: 173197  
Ion Ratio Lower Upper  
104 100  
78 45.4 30.0 55.6

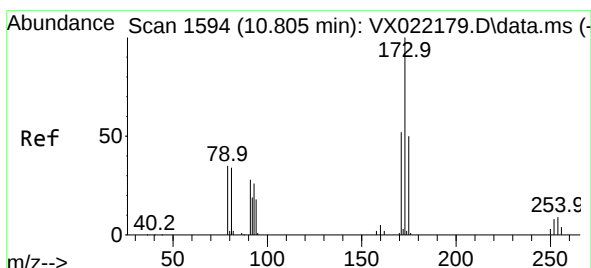
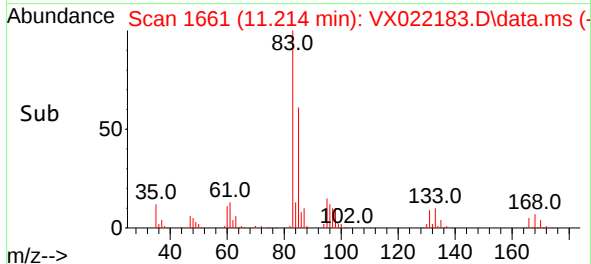
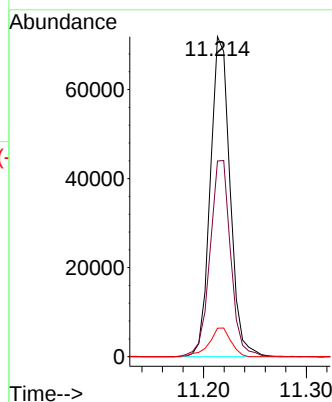
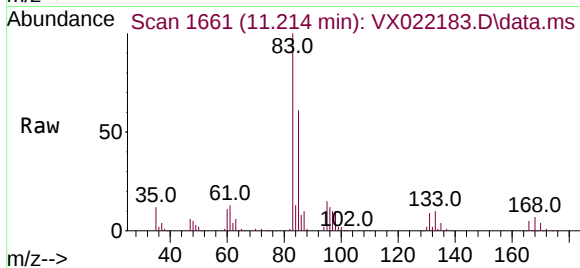




#57  
1,1,2,2-Tetrachloroethane  
Concen: 50.86 ug/L  
RT: 11.214 min Scan# 1661  
Delta R.T. -0.000 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

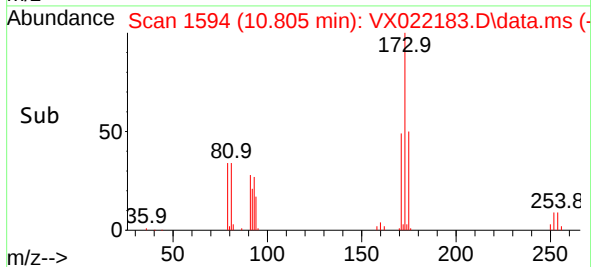
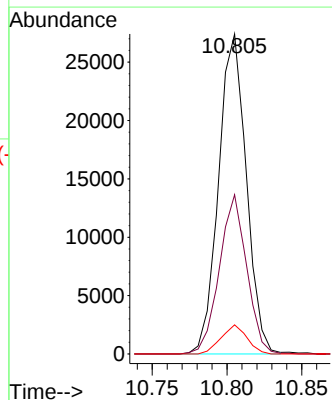
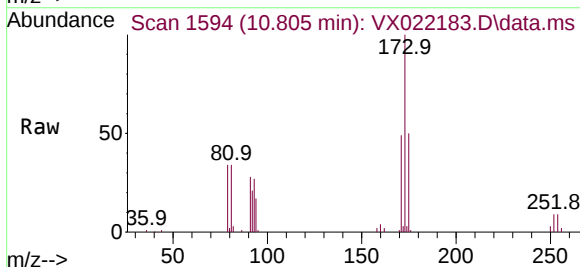
Instrument :  
MSVOA\_X  
ClientSampled :

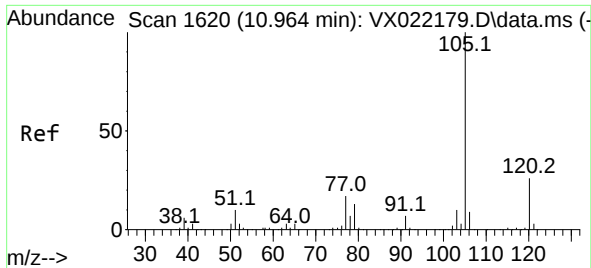
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 95725 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 61.1  | 44.7  | 82.9  |
| 131       | 8.9   | 7.8   | 11.8  |



#59  
Bromoform  
Concen: 53.65 ug/L  
RT: 10.805 min Scan# 1594  
Delta R.T. 0.000 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 35356 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 49.0  | 39.4  | 59.2  |
| 254       | 8.4   | 8.6   | 13.0# |

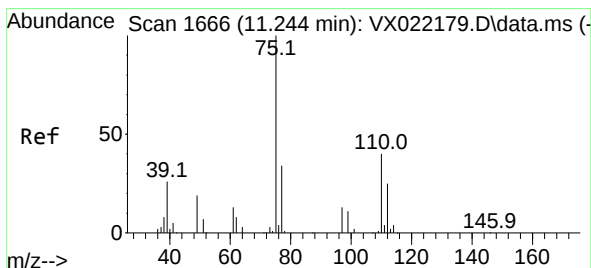
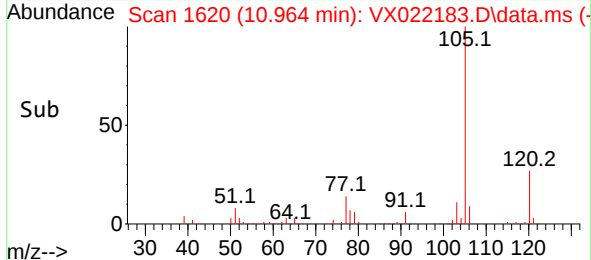
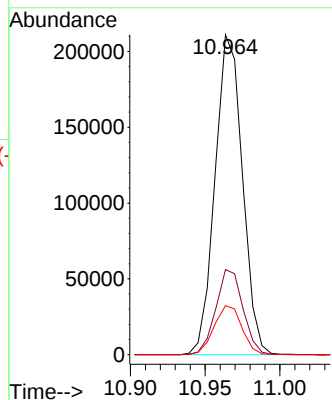
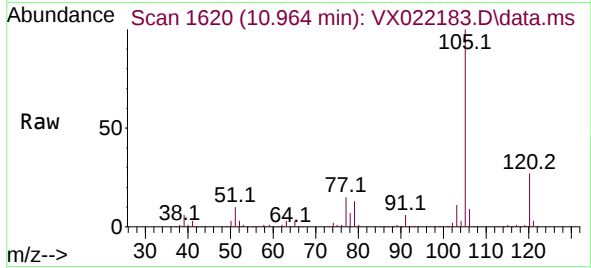




#60  
Isopropylbenzene  
Concen: 51.95 ug/L  
RT: 10.964 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

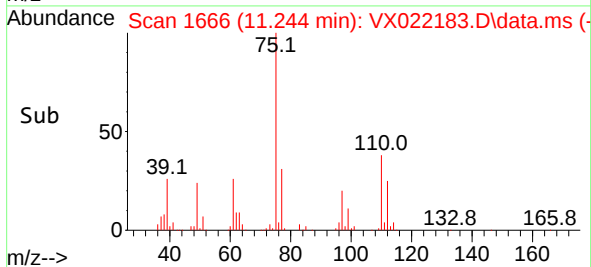
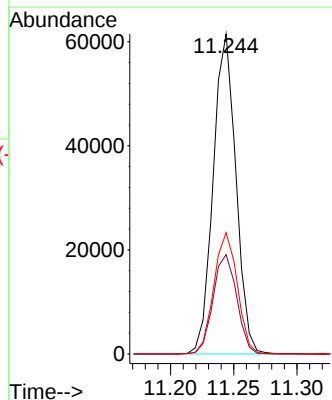
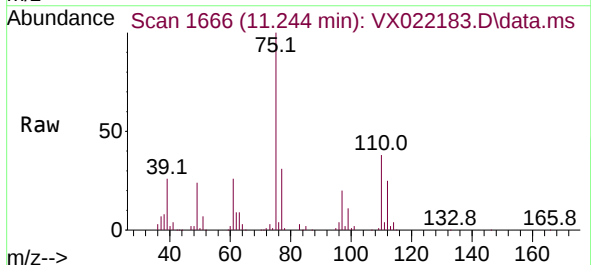
Instrument :  
MSVOA\_X  
ClientSampled :

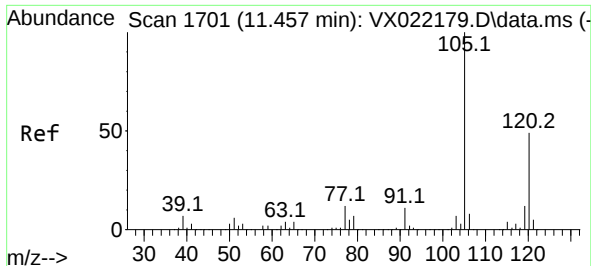
Tgt Ion:105 Resp: 268692  
Ion Ratio Lower Upper  
105 100  
120 26.4 21.2 31.8  
77 15.6 12.6 18.8



#61  
1,2,3-Trichloropropane  
Concen: 51.91 ug/L  
RT: 11.244 min Scan# 1666  
Delta R.T. 0.000 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

Tgt Ion: 75 Resp: 76798  
Ion Ratio Lower Upper  
75 100  
77 32.2 26.2 39.2  
110 39.1 31.8 47.8

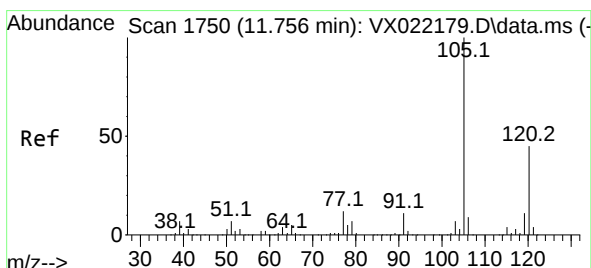
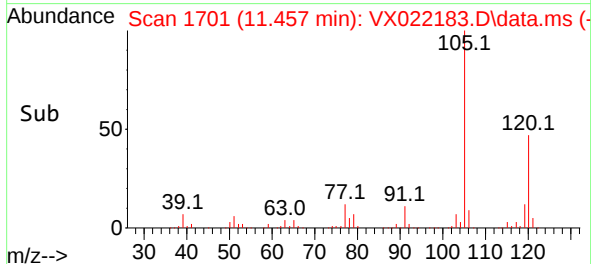
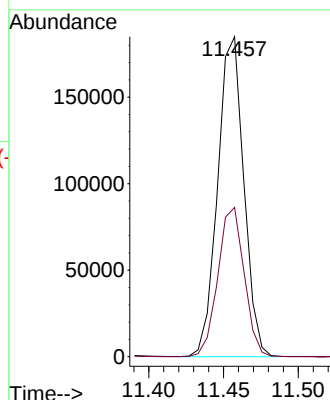
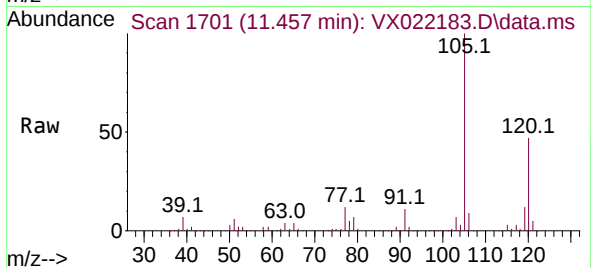




#62  
1,3,5-Trimethylbenzene  
Concen: 51.67 ug/L  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

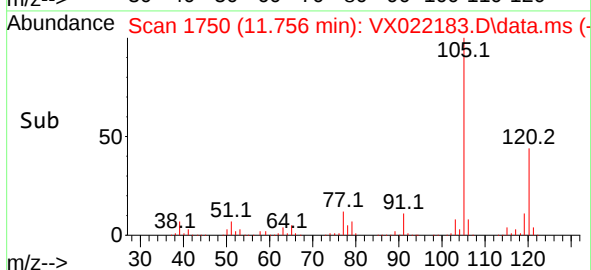
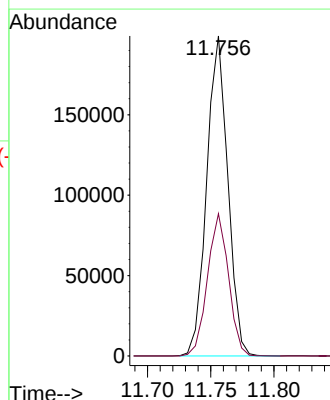
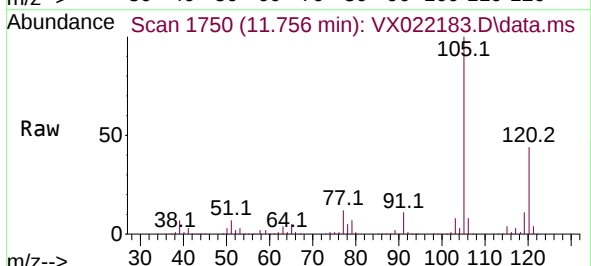
Instrument :  
MSVOA\_X  
ClientSampled :

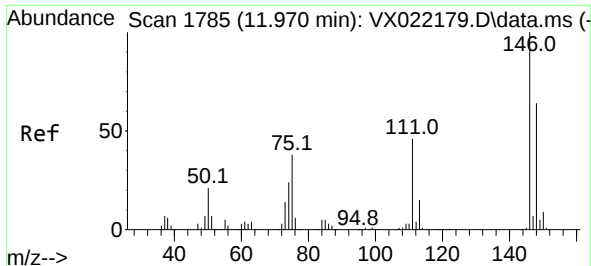
Tgt Ion:105 Resp: 224895  
Ion Ratio Lower Upper  
105 100  
120 46.9 38.0 57.0



#63  
1,2,4-Trimethylbenzene  
Concen: 52.37 ug/L  
RT: 11.756 min Scan# 1750  
Delta R.T. 0.000 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

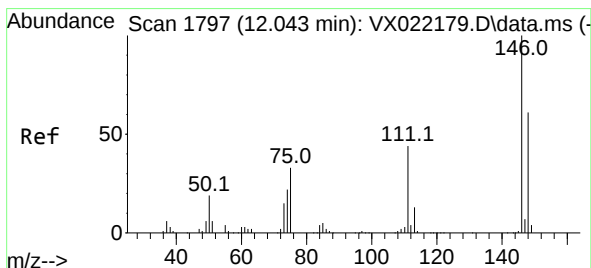
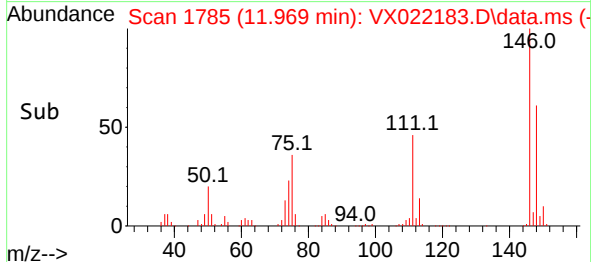
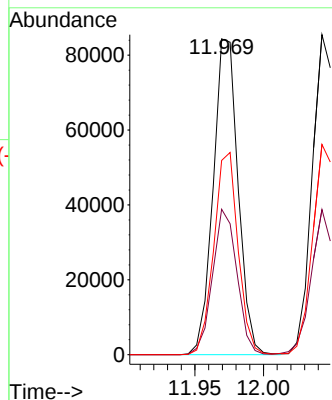
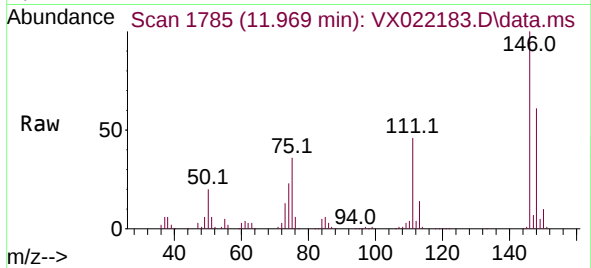
Tgt Ion:105 Resp: 230625  
Ion Ratio Lower Upper  
105 100  
120 44.3 36.4 54.6





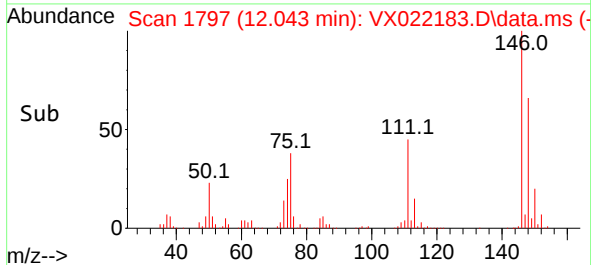
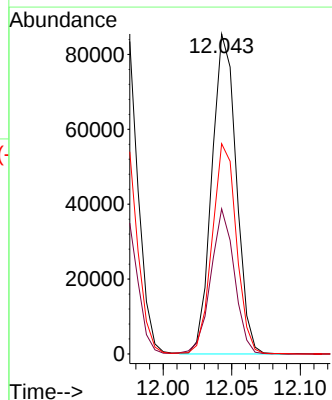
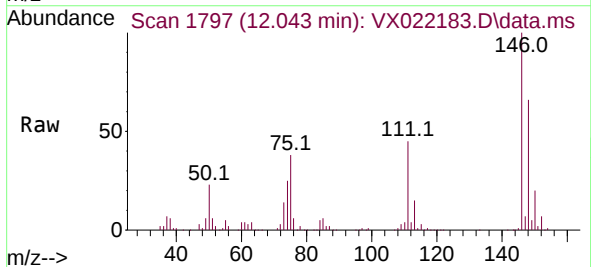
#64  
1,3-Dichlorobenzene  
Concen: 51.17 ug/L  
RT: 11.969 min Scan# 1785  
Delta R.T. -0.001 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

Tgt Ion:146 Resp: 106654  
Ion Ratio Lower Upper  
146 100  
111 46.1 28.9 53.7  
148 61.5 47.7 88.7

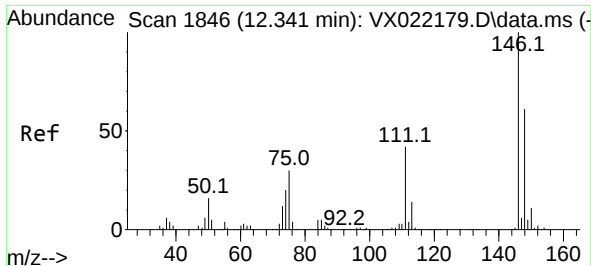


#65  
1,4-Dichlorobenzene  
Concen: 50.61 ug/L  
RT: 12.043 min Scan# 1797  
Delta R.T. -0.000 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

Tgt Ion:146 Resp: 105858  
Ion Ratio Lower Upper  
146 100  
111 45.3 28.7 53.3  
148 65.7 45.8 85.2



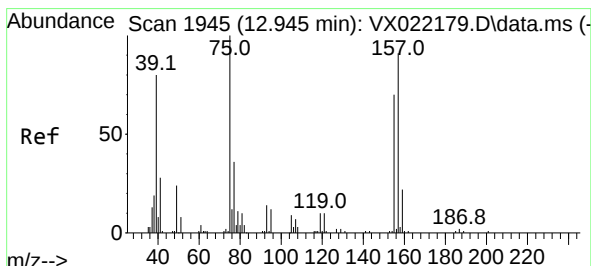
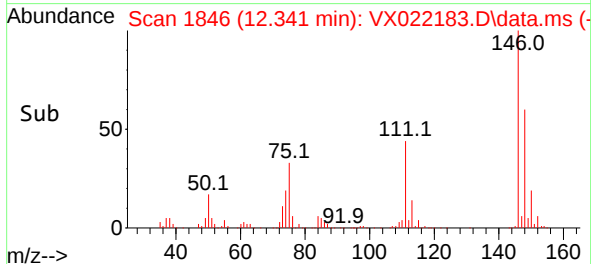
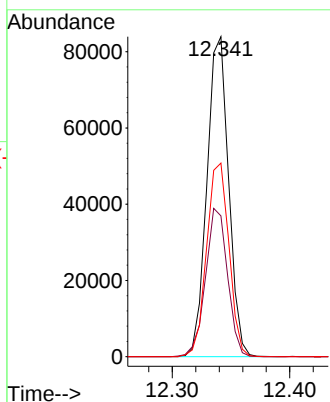
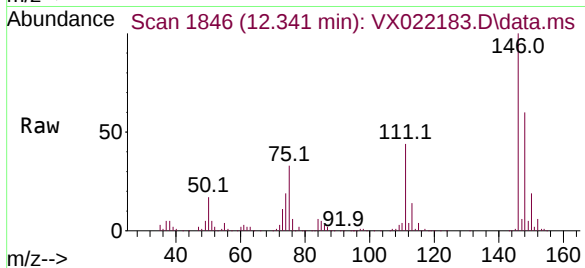
Instrument :  
MSVOA\_X  
ClientSampleId :



#67  
1,2-Dichlorobenzene  
Concen: 51.23 ug/L  
RT: 12.341 min Scan# 1846  
Delta R.T. 0.000 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

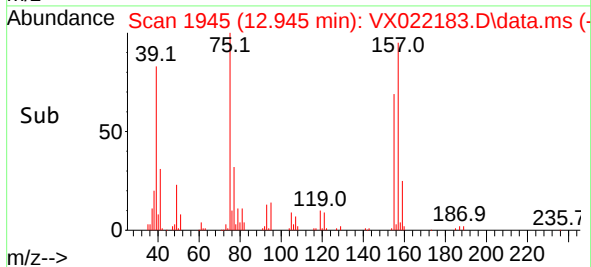
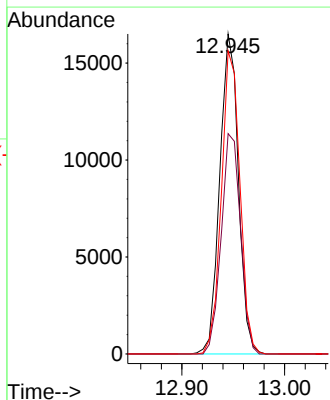
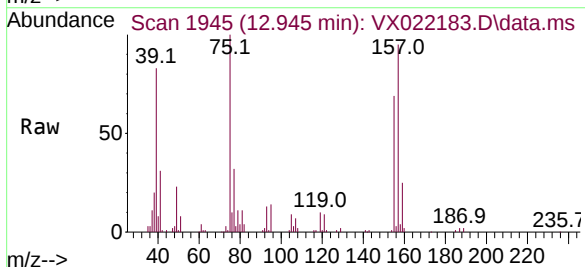
Instrument :  
MSVOA\_X  
ClientSampled :

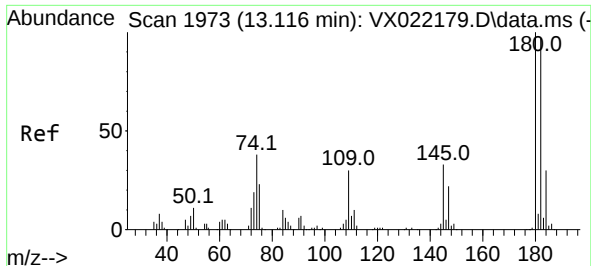
Tgt Ion:146 Resp: 107530  
Ion Ratio Lower Upper  
146 100  
111 44.0 33.8 50.8  
148 60.5 51.4 77.2



#68  
1,2-Dibromo-3-chloropropane  
Concen: 54.93 ug/L  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

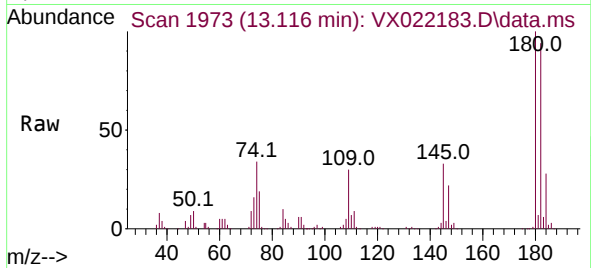
Tgt Ion: 75 Resp: 20678  
Ion Ratio Lower Upper  
75 100  
155 68.9 65.3 97.9  
157 94.7 80.5 120.7



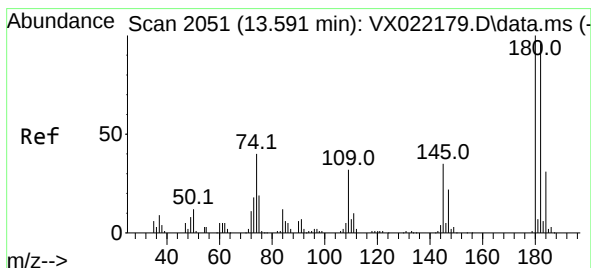
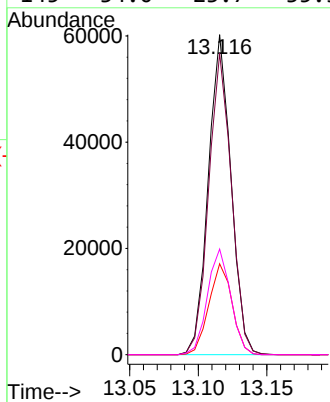
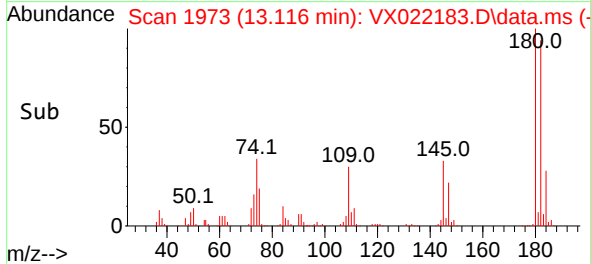


#69  
 1,3,5-Trichlorobenzene  
 Concen: 51.41 ug/L  
 RT: 13.116 min Scan# 1973  
 Delta R.T. -0.000 min  
 Lab File: VX022183.D  
 Acq: 25 May 2021 17:50

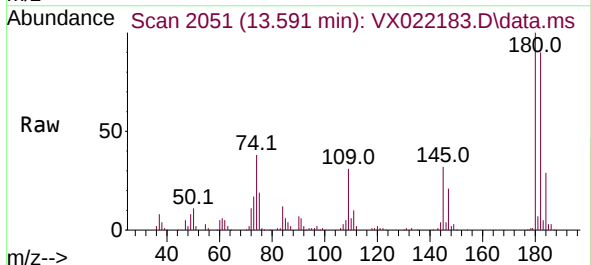
Instrument :  
 MSVOA\_X  
 ClientSampled :



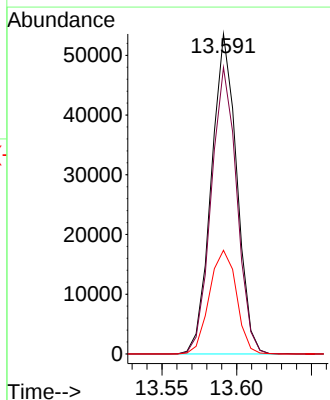
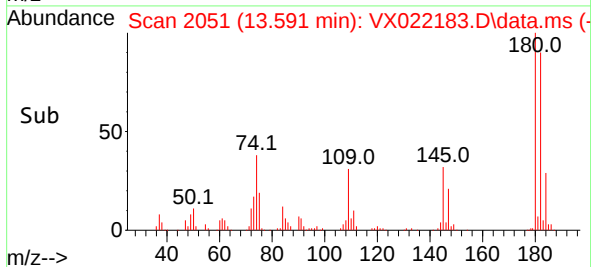
Tgt Ion:180 Resp: 69040  
 Ion Ratio Lower Upper  
 180 100  
 182 94.6 74.8 112.2  
 184 29.2 24.1 36.1  
 145 34.0 23.7 35.5

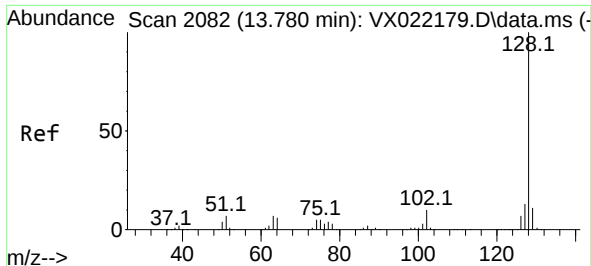


#70  
 1,2,4-trichlorobenzene  
 Concen: 52.02 ug/L  
 RT: 13.591 min Scan# 2051  
 Delta R.T. -0.000 min  
 Lab File: VX022183.D  
 Acq: 25 May 2021 17:50



Tgt Ion:180 Resp: 63250  
 Ion Ratio Lower Upper  
 180 100  
 182 89.7 74.3 111.5  
 145 34.5 24.1 36.1

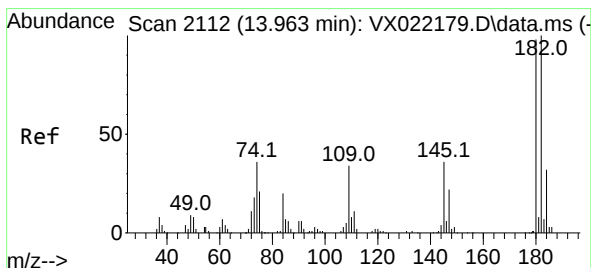
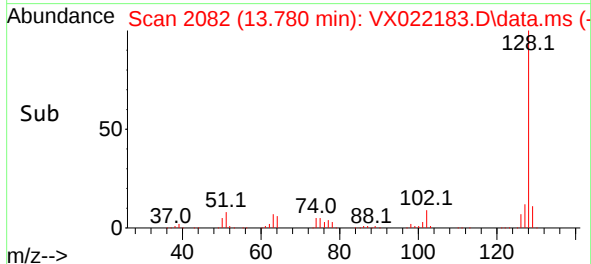
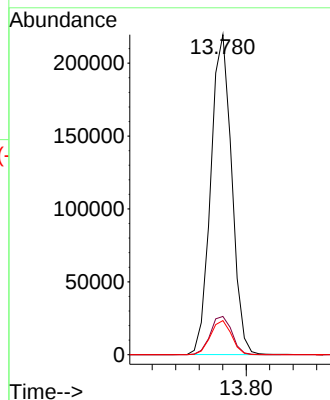
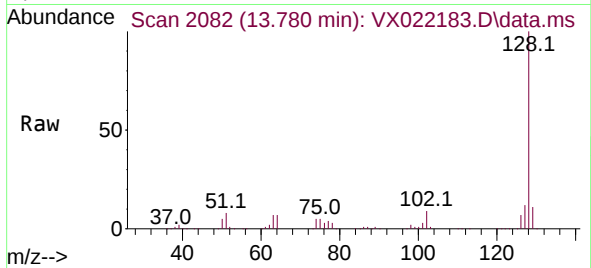




#71  
Naphthalene  
Concen: 53.34 ug/L  
RT: 13.780 min Scan# 2082  
Delta R.T. -0.000 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

Instrument :  
MSVOA\_X  
ClientSampled :

Tgt Ion:128 Resp: 270981  
Ion Ratio Lower Upper  
128 100  
127 12.4 10.2 15.2  
129 10.7 8.6 13.0



#72  
1,2,3-Trichlorobenzene  
Concen: 52.33 ug/L  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX022183.D  
Acq: 25 May 2021 17:50

Tgt Ion:180 Resp: 63895  
Ion Ratio Lower Upper  
180 100  
182 91.8 74.6 112.0  
145 36.5 25.6 38.4

