

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052621\  
 Data File : VX022186.D  
 Acq On : 25 May 2021 19:47  
 Operator : JC/MD  
 Sample : VSTD050EC  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: May 26 02:36:38 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   | 156000   | 50.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.061  | 117   | 142299   | 50.00    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 63781    | 50.00    | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 60456    | 50.94    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 101.88%  |
| 7) Chloroethane-d5            | 1.660   | 69    | 47027    | 52.47    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 104.94%  |
| 11) 1,1-Dichloroethene-d2     | 2.306   | 63    | 114284   | 52.55    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 105.10%  |
| 21) 2-Butanone-d5             | 4.471   | 46    | 101206   | 107.79   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 107.79%  |
| 24) Chloroform-d              | 5.074   | 84    | 117280   | 53.61    | ug/L   | 0.01     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 107.22%  |
| 26) 1,2-Dichloroethane-d4     | 5.964   | 65    | 75197    | 52.35    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 104.70%  |
| 32) Benzene-d6                | 5.983   | 84    | 242580   | 53.10    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 106.20%  |
| 36) 1,2-Dichloropropane-d6    | 7.318   | 67    | 75165    | 52.50    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 105.00%  |
| 41) Toluene-d8                | 8.653   | 98    | 219128   | 52.76    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 105.52%  |
| 43) trans-1,3-Dichloroprop... | 8.952   | 79    | 36120    | 51.26    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 102.52%  |
| 47) 2-Hexanone-d5             | 9.391   | 63    | 75417    | 108.94   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 108.94%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84    | 105107   | 53.67    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 107.34%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152   | 72900    | 54.75    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 109.50%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.166   | 85    | 57851    | 50.52    | ug/L   | 98       |
| 3) Chloromethane              | 1.294   | 50    | 56925    | 50.26    | ug/L   | 98       |
| 5) Vinyl chloride             | 1.374   | 62    | 62152    | 50.31    | ug/L   | 100      |
| 6) Bromomethane               | 1.599   | 94    | 32825    | 55.34    | ug/L   | 97       |
| 8) Chloroethane               | 1.685   | 64    | 38207    | 51.86    | ug/L   | 95       |
| 9) Trichlorofluoromethane     | 1.886   | 101   | 85269    | 50.01    | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.325   | 101   | 49080    | 47.91    | ug/L   | 89       |
| 12) 1,1-Dichloroethene        | 2.319   | 96    | 47129    | 48.12    | ug/L   | 78       |
| 13) Acetone                   | 2.386   | 43    | 57234    | 87.75    | ug/L   | 99       |
| 14) Carbon disulfide          | 2.514   | 76    | 141475   | 49.76    | ug/L   | 98       |
| 15) Methyl Acetate            | 2.709   | 43    | 67489    | 51.74    | ug/L   | 93       |
| 16) Methylene chloride        | 2.794   | 84    | 59568    | 49.19    | ug/L   | 93       |
| 17) trans-1,2-Dichloroethene  | 3.093   | 96    | 55969    | 51.95    | ug/L   | 96       |
| 18) Methyl tert-butyl Ether   | 3.123   | 73    | 185409   | 50.67    | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 3.617   | 63    | 101657   | 50.68    | ug/L   | 98       |
| 20) cis-1,2-Dichloroethene    | 4.495   | 96    | 62403    | 50.89    | ug/L   | 96       |
| 22) 2-Butanone                | 4.574   | 43    | 97343    | 95.98    | ug/L   | 94       |
| 23) Bromochloromethane        | 4.910   | 128   | 28820    | 50.70    | ug/L   | 92       |
| 25) Chloroform                | 5.105   | 83    | 104606   | 51.10    | ug/L   | 96       |

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 Sample : VSTD050EC  
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 ALS Vial : 13 Sample Multiplier: 1

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 MSVOA\_X  
 ClientSampleId :

Quant Time: May 26 02:36:38 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

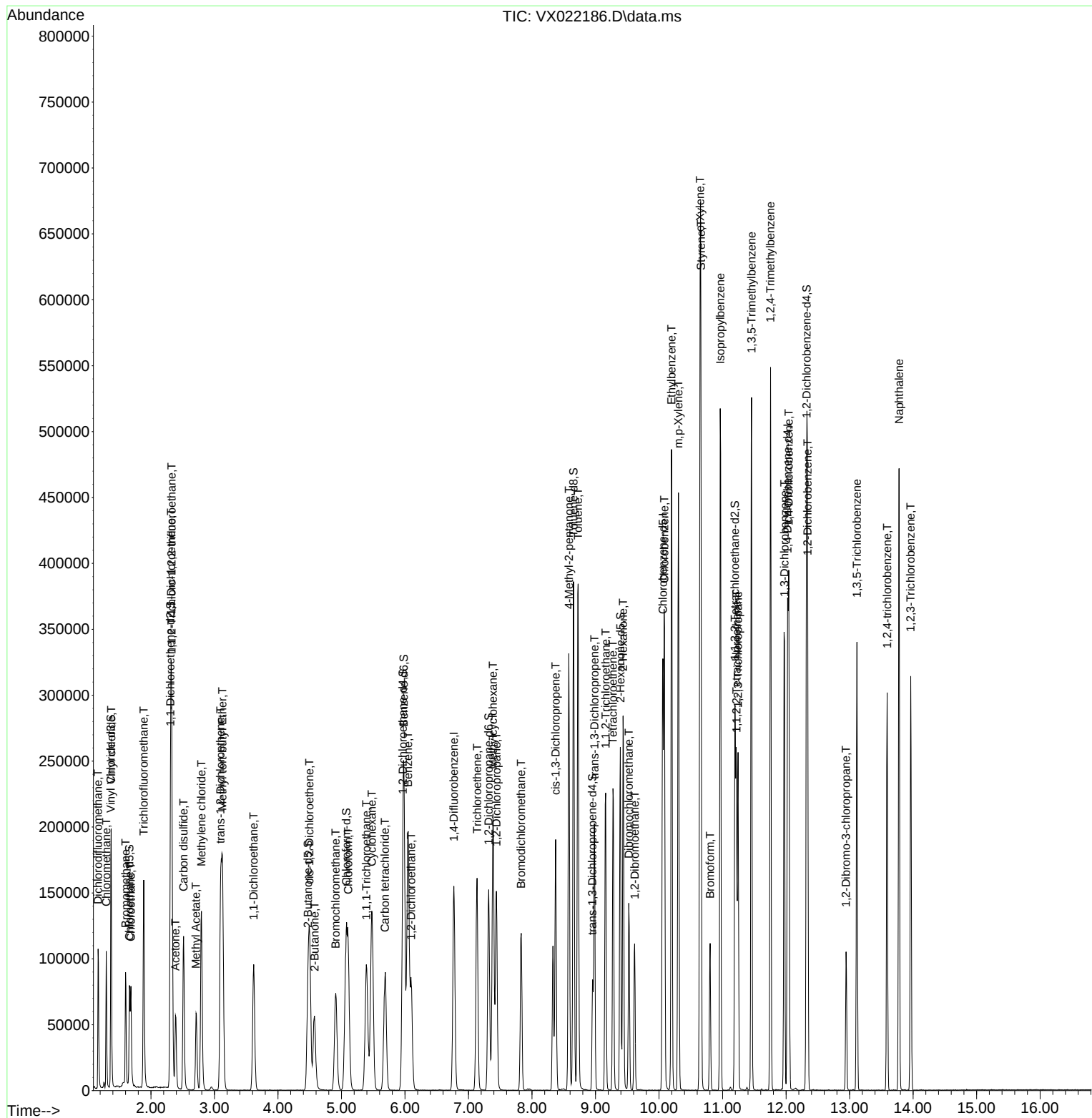
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 27) 1,2-Dichloroethane        | 6.098  | 62   | 83660    | 52.03  | ug/L   | 99       |
| 29) Cyclohexane               | 5.477  | 56   | 94687    | 49.65  | ug/L   | 99       |
| 30) 1,1,1-Trichloroethane     | 5.391  | 97   | 89677    | 50.93  | ug/L   | 99       |
| 31) Carbon tetrachloride      | 5.684  | 117  | 74600    | 51.30  | ug/L   | 100      |
| 33) Benzene                   | 6.050  | 78   | 234009   | 50.74  | ug/L   | 100      |
| 34) Trichloroethene           | 7.135  | 95   | 59844    | 51.39  | ug/L   | 97       |
| 35) Methylcyclohexane         | 7.385  | 83   | 95225    | 49.58  | ug/L   | 98       |
| 37) 1,2-Dichloropropane       | 7.440  | 63   | 59713    | 50.53  | ug/L   | 100      |
| 38) Bromodichloromethane      | 7.830  | 83   | 76445    | 51.82  | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 8.372  | 75   | 93642    | 51.17  | ug/L   | 97       |
| 40) 4-Methyl-2-pentanone      | 8.580  | 43   | 192916   | 103.62 | ug/L   | 95       |
| 42) Toluene                   | 8.726  | 91   | 252341   | 51.77  | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 8.982  | 75   | 89988    | 50.19  | ug/L   | 97       |
| 45) 1,1,2-Trichloroethane     | 9.159  | 97   | 57643    | 50.75  | ug/L   | 98       |
| 46) Tetrachloroethene         | 9.275  | 164  | 38671    | 49.70  | ug/L   | 91       |
| 48) 2-Hexanone                | 9.433  | 43   | 150646   | 101.46 | ug/L   | 91       |
| 49) Dibromochloromethane      | 9.525  | 129  | 55399    | 51.38  | ug/L   | 92       |
| 50) 1,2-Dibromoethane         | 9.616  | 107  | 60362    | 51.67  | ug/L   | 98       |
| 51) Chlorobenzene             | 10.086 | 112  | 151632   | 49.63  | ug/L   | 99       |
| 52) Ethylbenzene              | 10.195 | 91   | 274257   | 50.58  | ug/L   | 99       |
| 53) m,p-Xylene                | 10.305 | 106  | 103553   | 50.13  | ug/L   | 97       |
| 54) o-Xylene                  | 10.646 | 106  | 102605   | 51.11  | ug/L   | 96       |
| 55) Styrene                   | 10.659 | 104  | 172783   | 51.14  | ug/L   | 94       |
| 57) 1,1,2,2-Tetrachloroethane | 11.219 | 83   | 94369    | 50.97  | ug/L   | 100      |
| 59) Bromoform                 | 10.805 | 173  | 34272    | 52.21  | ug/L   | 98       |
| 60) Isopropylbenzene          | 10.963 | 105  | 266983   | 51.82  | ug/L   | 100      |
| 61) 1,2,3-Trichloropropane    | 11.244 | 75   | 76175    | 51.69  | ug/L   | 99       |
| 62) 1,3,5-Trimethylbenzene    | 11.457 | 105  | 223178   | 51.48  | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 226172   | 51.56  | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 11.975 | 146  | 105185   | 50.67  | ug/L   | 95       |
| 65) 1,4-Dichlorobenzene       | 12.042 | 146  | 107453   | 51.57  | ug/L   | 93       |
| 67) 1,2-Dichlorobenzene       | 12.341 | 146  | 104419   | 49.95  | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.945 | 75   | 20657    | 55.09  | ug/L # | 82       |
| 69) 1,3,5-Trichlorobenzene    | 13.115 | 180  | 66688    | 49.85  | ug/L   | 96       |
| 70) 1,2,4-trichlorobenzene    | 13.591 | 180  | 60075    | 49.61  | ug/L   | 94       |
| 71) Naphthalene               | 13.780 | 128  | 268047   | 52.97  | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 62999    | 51.80  | ug/L   | 97       |

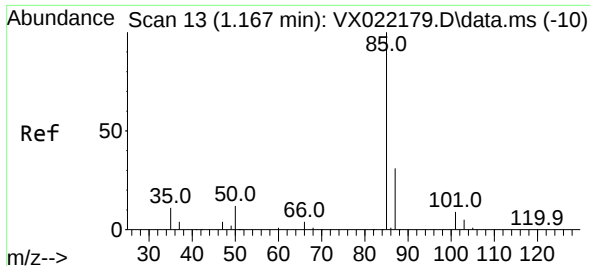
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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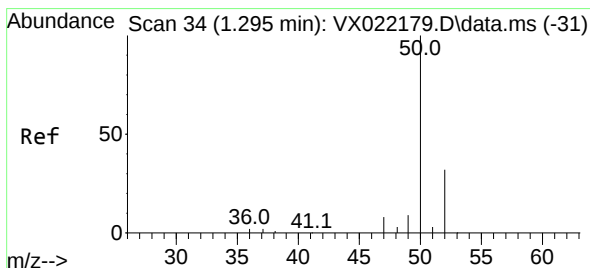
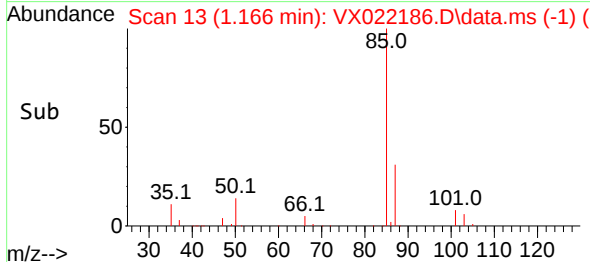
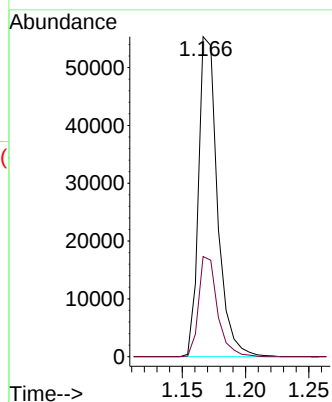
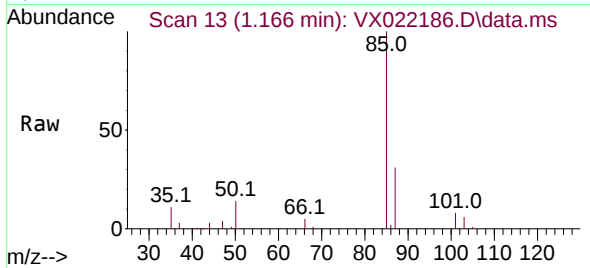




#2  
Dichlorodifluoromethane  
Concen: 50.52 ug/L  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

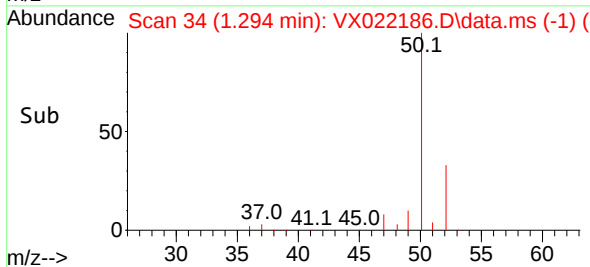
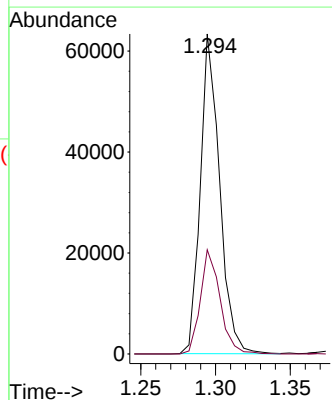
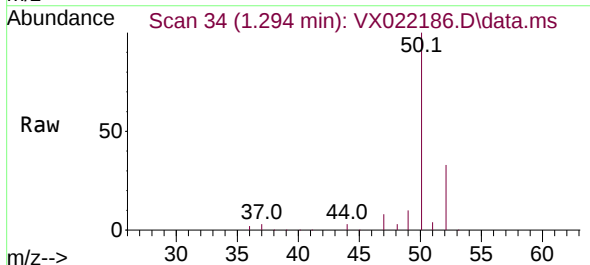
Instrument :  
MSVOA\_X  
ClientSampled :

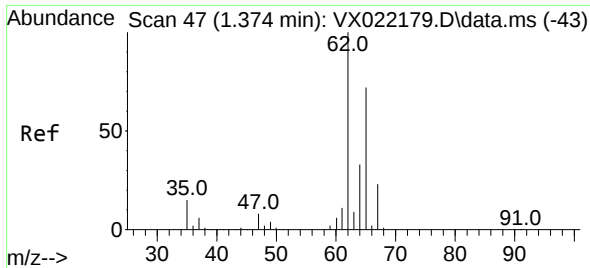
Tgt Ion: 85 Resp: 57851  
Ion Ratio Lower Upper  
85 100  
87 31.0 25.9 38.9



#3  
Chloromethane  
Concen: 50.26 ug/L  
RT: 1.294 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

Tgt Ion: 50 Resp: 56925  
Ion Ratio Lower Upper  
50 100  
52 32.5 23.7 43.9

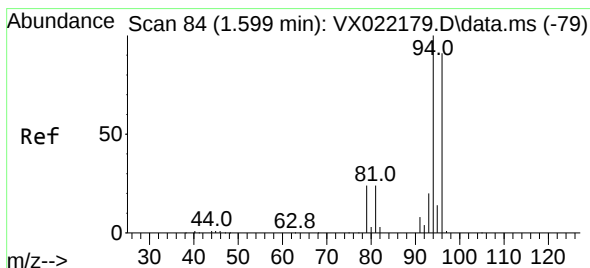
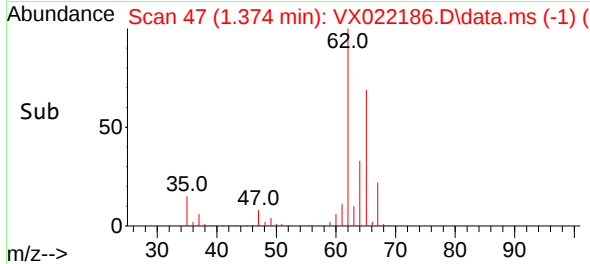
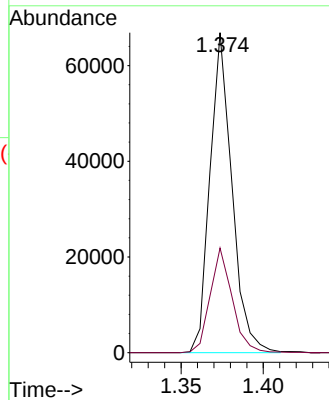
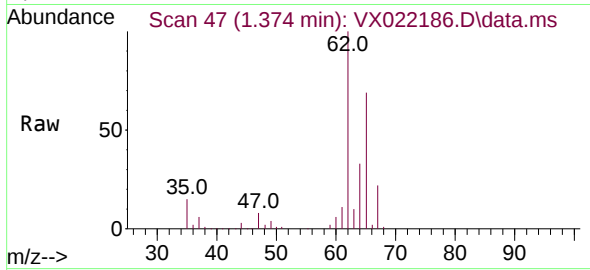




#5  
 Vinyl chloride  
 Concen: 50.31 ug/L  
 RT: 1.374 min Scan# 47  
 Delta R.T. -0.000 min  
 Lab File: VX022186.D  
 Acq: 25 May 2021 19:47

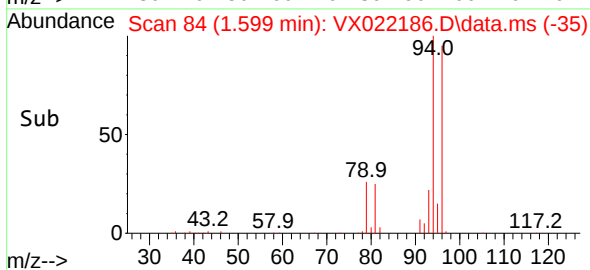
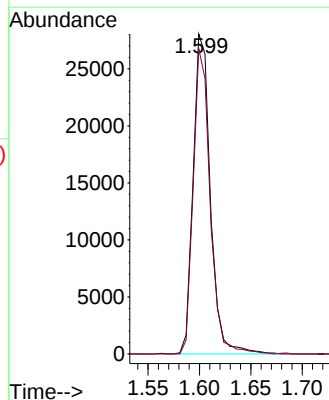
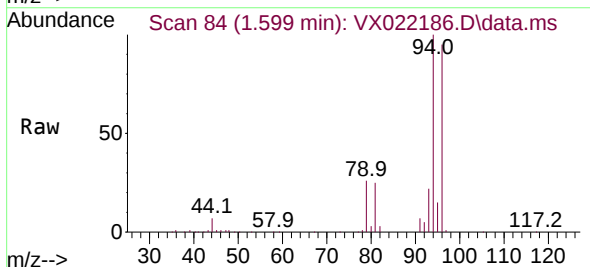
Instrument :  
 MSVOA\_X  
 ClientSampled :

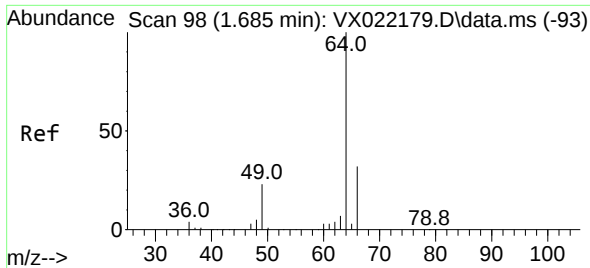
Tgt Ion: 62 Resp: 62152  
 Ion Ratio Lower Upper  
 62 100  
 64 32.7 22.7 42.3



#6  
 Bromomethane  
 Concen: 55.34 ug/L  
 RT: 1.599 min Scan# 84  
 Delta R.T. -0.000 min  
 Lab File: VX022186.D  
 Acq: 25 May 2021 19:47

Tgt Ion: 94 Resp: 32825  
 Ion Ratio Lower Upper  
 94 100  
 96 95.4 64.8 120.3

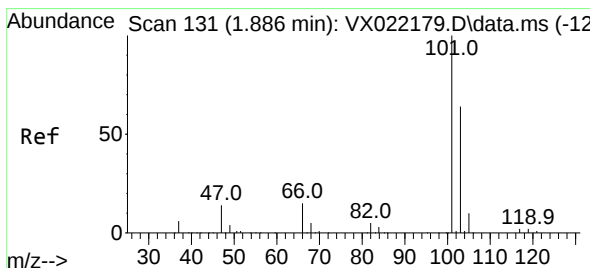
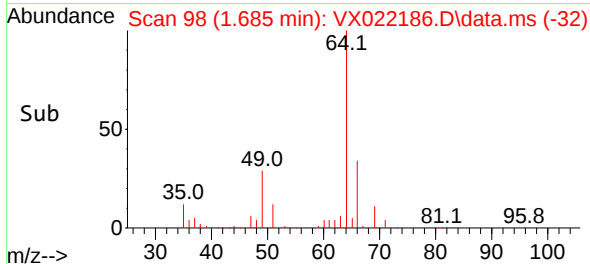
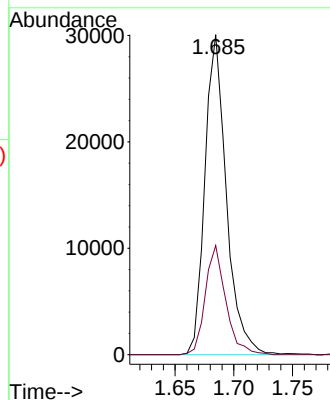
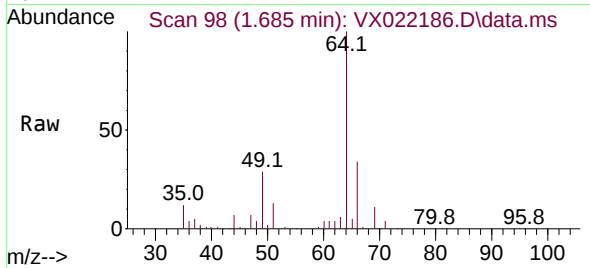




#8  
Chloroethane  
Concen: 51.86 ug/L  
RT: 1.685 min Scan# 98  
Delta R.T. -0.000 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

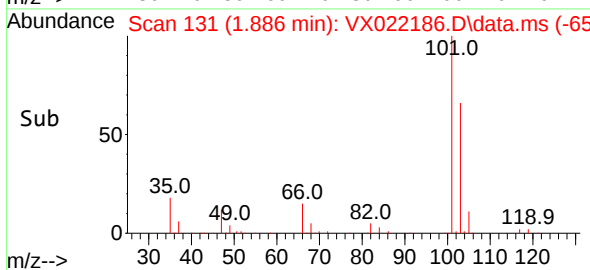
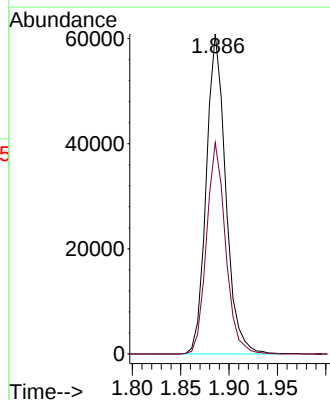
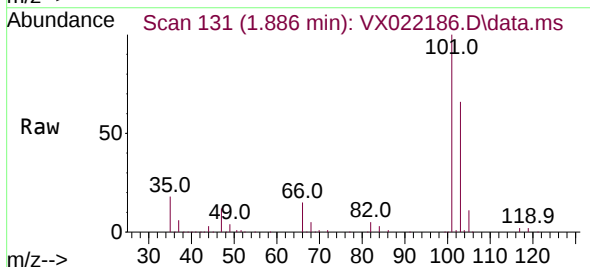
Instrument :  
MSVOA\_X  
ClientSampled :

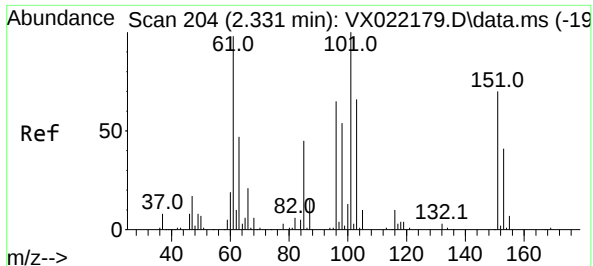
Tgt Ion: 64 Resp: 38207  
Ion Ratio Lower Upper  
64 100  
66 34.1 22.0 41.0



#9  
Trichlorofluoromethane  
Concen: 50.01 ug/L  
RT: 1.886 min Scan# 131  
Delta R.T. -0.000 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

Tgt Ion:101 Resp: 85269  
Ion Ratio Lower Upper  
101 100  
103 64.7 52.2 78.2





#10

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

Concen: 47.91 ug/L

RT: 2.325 min Scan# 203

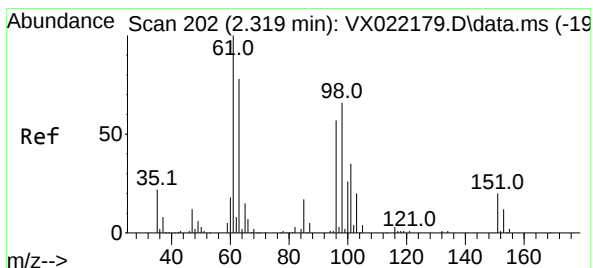
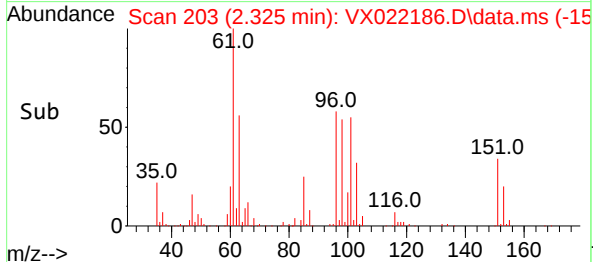
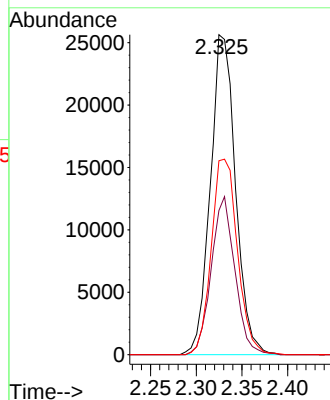
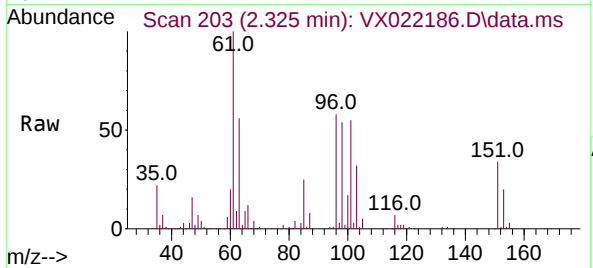
Delta R.T. -0.006 min

Lab File: VX022186.D

Acq: 25 May 2021 19:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 49080 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 46.4  | 34.3  | 51.5  |
| 151      | 63.7  | 60.7  | 91.1  |

Instrument :  
MSVOA\_X  
ClientSampleId :



#12

1,1-Dichloroethene

Concen: 48.12 ug/L

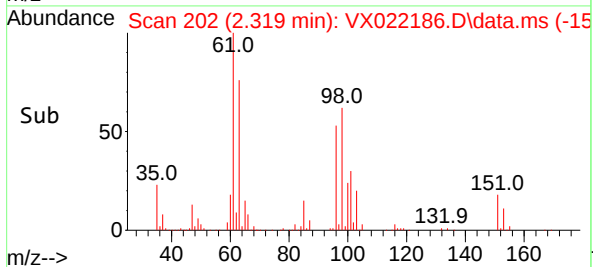
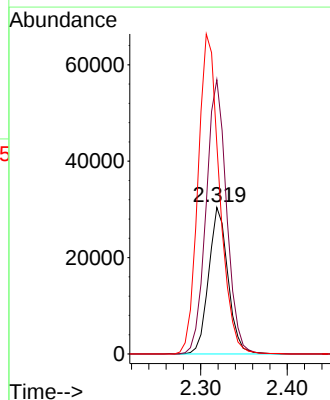
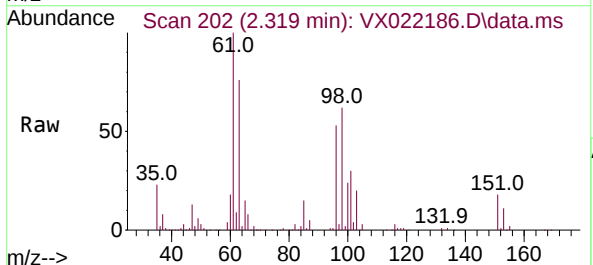
RT: 2.319 min Scan# 202

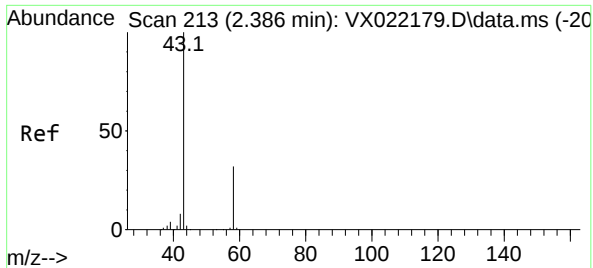
Delta R.T. -0.000 min

Lab File: VX022186.D

Acq: 25 May 2021 19:47

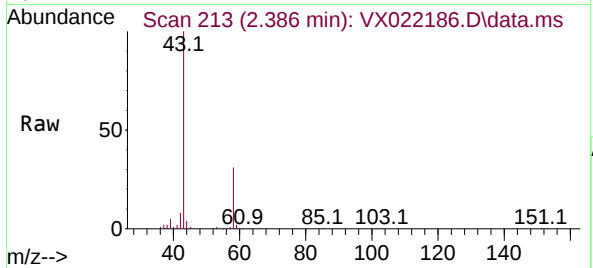
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|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 47129 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 187.1 | 115.5 | 214.5 |
| 63       | 143.1 | 77.3  | 143.7 |



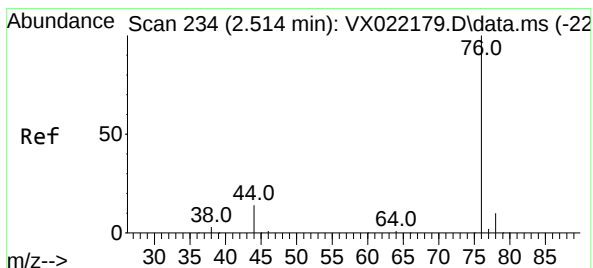
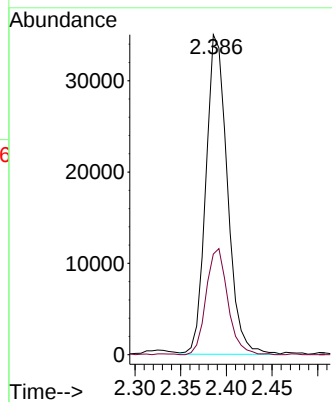
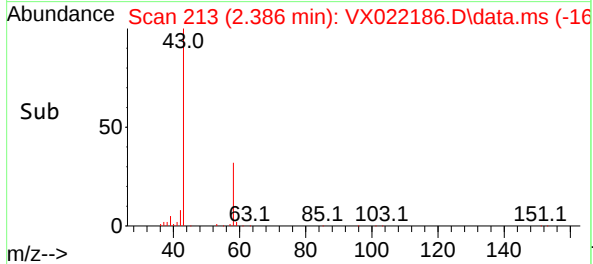


#13  
Acetone  
Concen: 87.75 ug/L  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

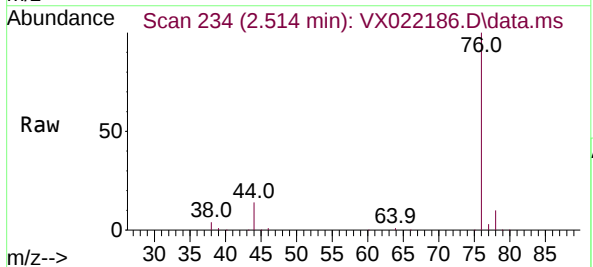
Instrument :  
MSVOA\_X  
ClientSampled :



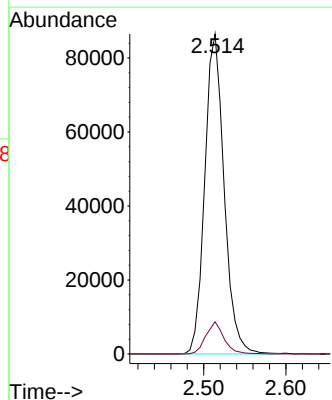
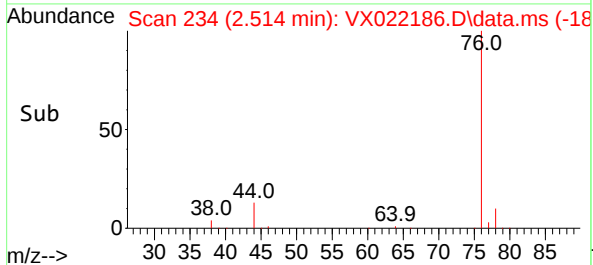
Tgt Ion: 43 Resp: 57234  
Ion Ratio Lower Upper  
43 100  
58 33.3 0.0 68.2

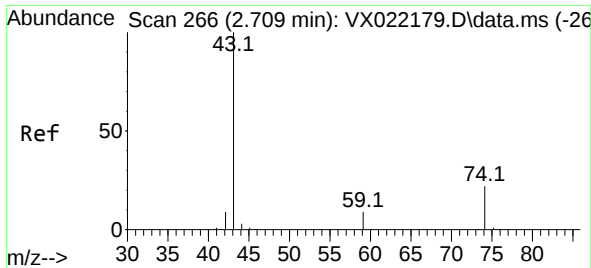


#14  
Carbon disulfide  
Concen: 49.76 ug/L  
RT: 2.514 min Scan# 234  
Delta R.T. -0.000 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47



Tgt Ion: 76 Resp: 141475  
Ion Ratio Lower Upper  
76 100  
78 10.1 7.6 11.4

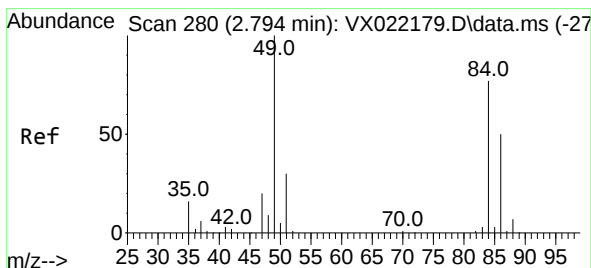
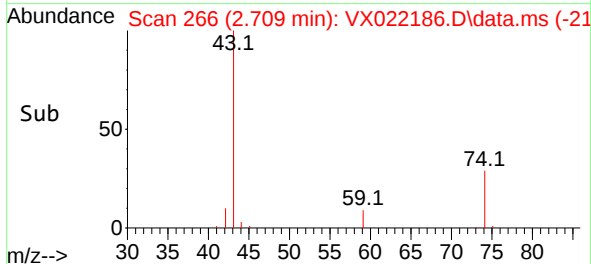
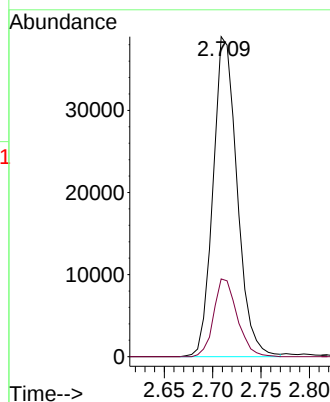
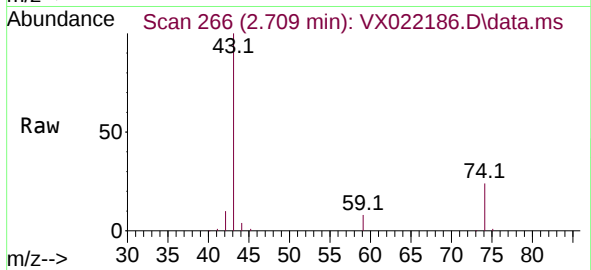




#15  
Methyl Acetate  
Concen: 51.74 ug/L  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

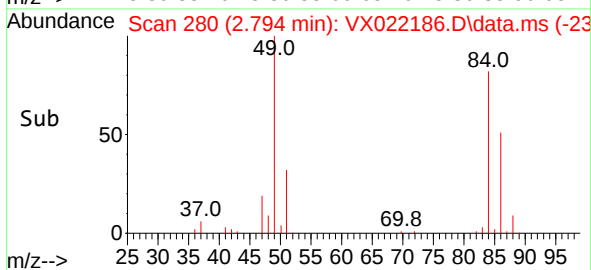
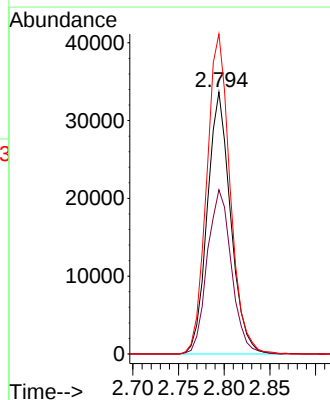
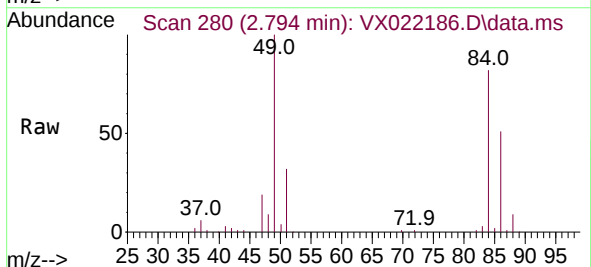
Instrument :  
MSVOA\_X  
ClientSampled :

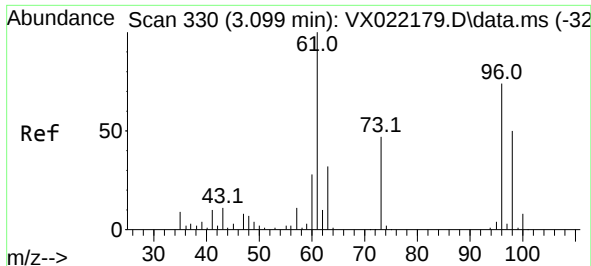
Tgt Ion: 43 Resp: 67489  
Ion Ratio Lower Upper  
43 100  
74 23.7 21.7 32.5



#16  
Methylene chloride  
Concen: 49.19 ug/L  
RT: 2.794 min Scan# 280  
Delta R.T. -0.000 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

Tgt Ion: 84 Resp: 59568  
Ion Ratio Lower Upper  
84 100  
86 62.7 44.2 82.0  
49 122.2 77.8 144.6

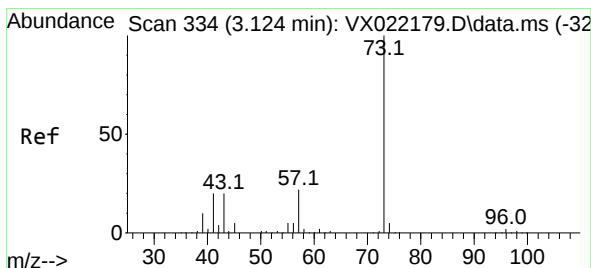
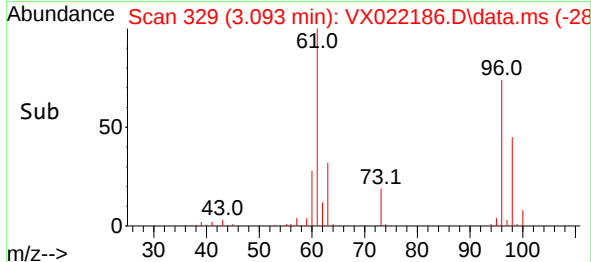
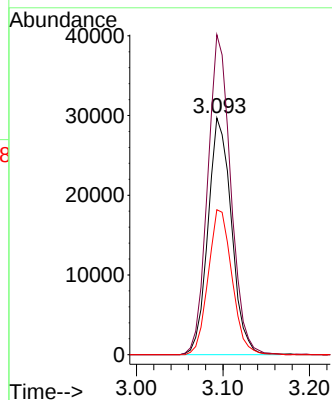
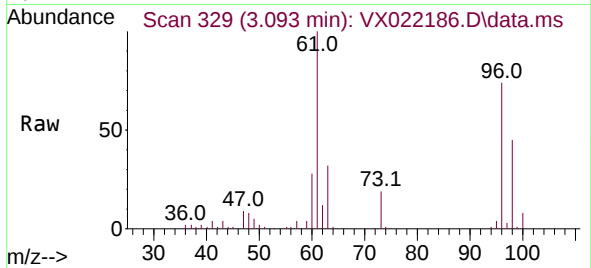




#17  
trans-1,2-Dichloroethene  
Concen: 51.95 ug/L  
RT: 3.093 min Scan# 329  
Delta R.T. -0.006 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

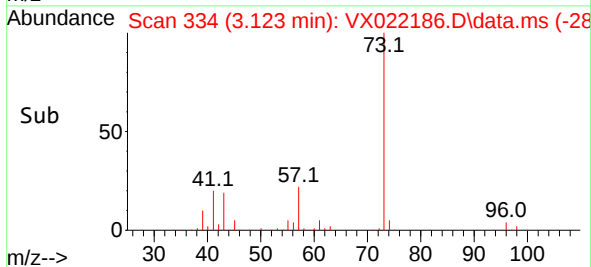
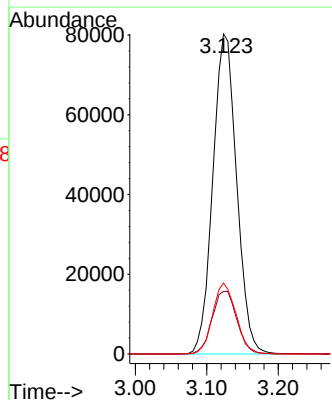
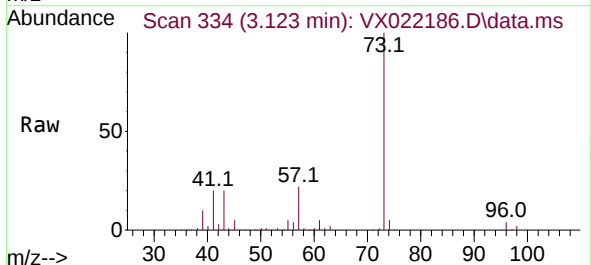
Instrument :  
MSVOA\_X  
ClientSampled :

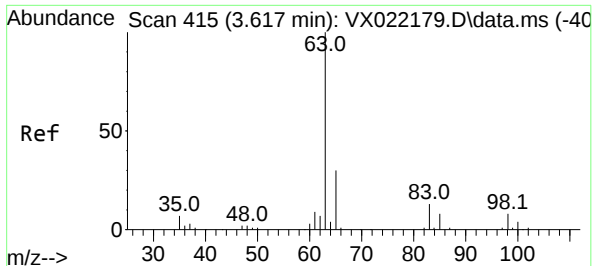
Tgt Ion: 96 Resp: 55969  
Ion Ratio Lower Upper  
96 100  
61 135.1 92.3 171.3  
98 61.2 46.3 85.9



#18  
Methyl tert-butyl Ether  
Concen: 50.67 ug/L  
RT: 3.123 min Scan# 334  
Delta R.T. -0.000 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

Tgt Ion: 73 Resp: 185409  
Ion Ratio Lower Upper  
73 100  
43 20.5 15.1 22.7  
57 21.7 17.4 26.2





#19

1,1-Dichloroethane

Concen: 50.68 ug/L

RT: 3.617 min Scan# 415

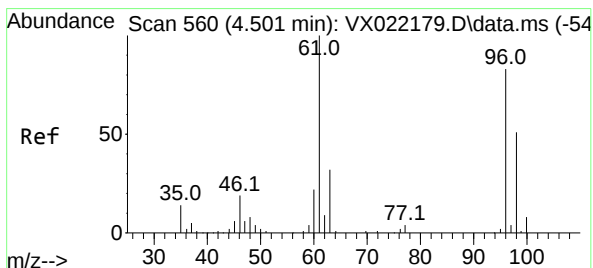
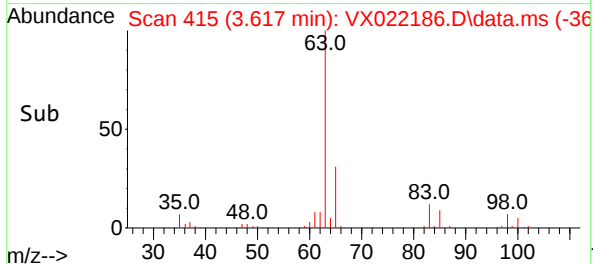
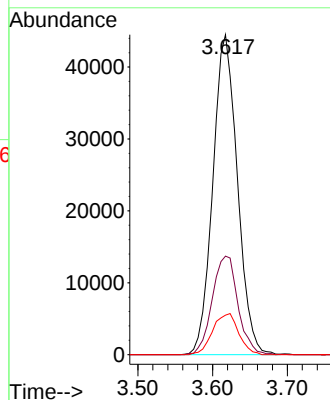
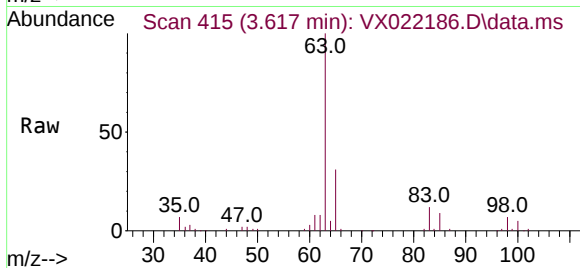
Delta R.T. -0.000 min

Lab File: VX022186.D

Acq: 25 May 2021 19:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 63    | Resp: | 101657 |
| Ion      | Ratio | Lower | Upper  |
| 63       | 100   |       |        |
| 65       | 30.8  | 22.4  | 41.6   |
| 83       | 12.4  | 9.5   | 17.7   |

Instrument :  
MSVOA\_X  
ClientSampled :



#20

cis-1,2-Dichloroethene

Concen: 50.89 ug/L

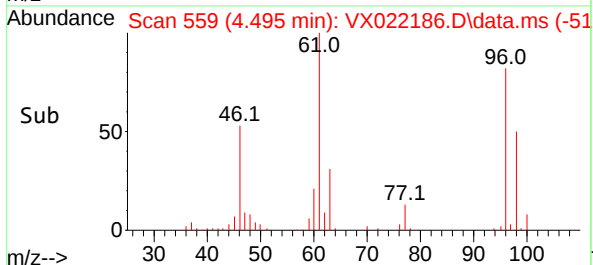
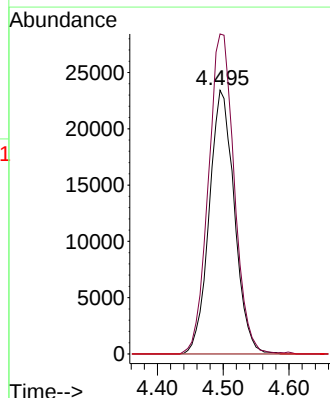
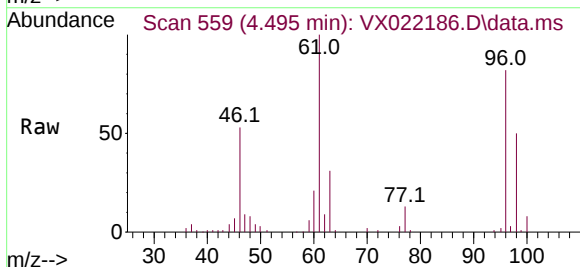
RT: 4.495 min Scan# 559

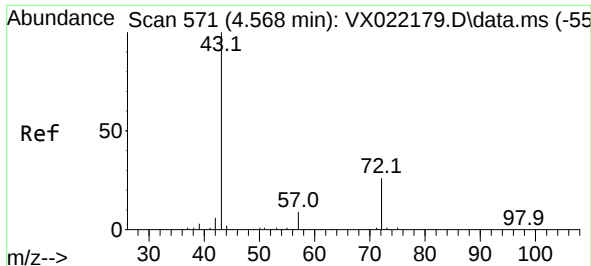
Delta R.T. -0.006 min

Lab File: VX022186.D

Acq: 25 May 2021 19:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 62403 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 121.4 | 87.8  | 163.0 |
| 68       | 0.0   | 0.0   | 0.0   |

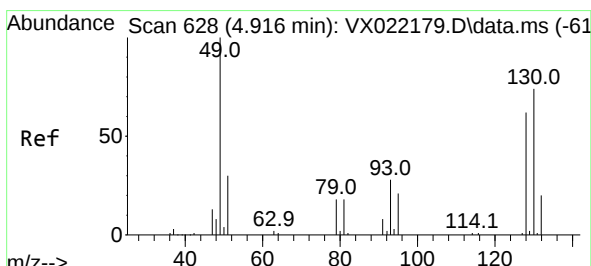
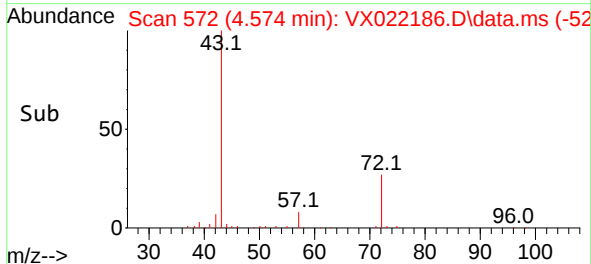
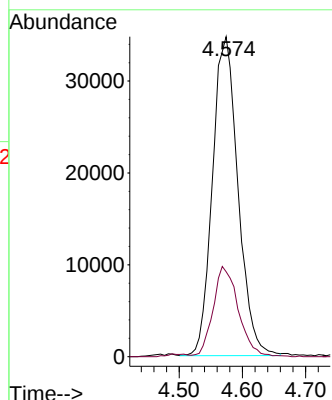
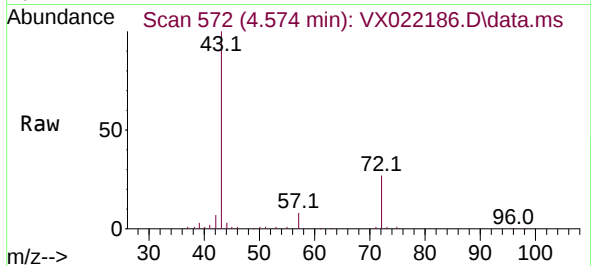




#22  
2-Butanone  
Concen: 95.98 ug/L  
RT: 4.574 min Scan# 572  
Delta R.T. 0.006 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

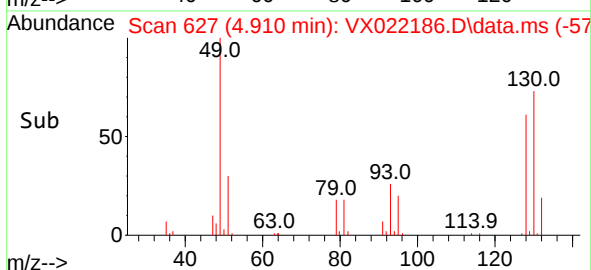
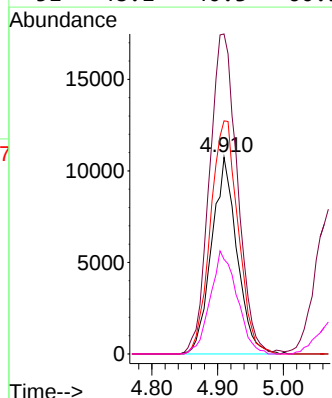
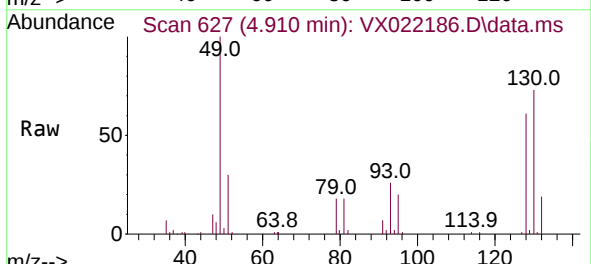
Instrument :  
MSVOA\_X  
ClientSampled :

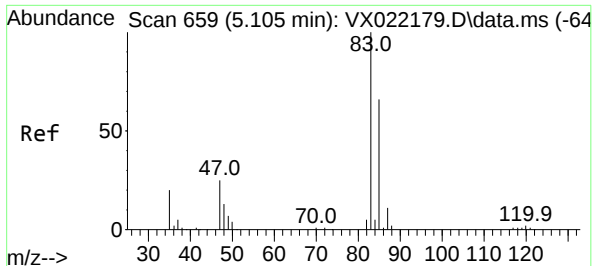
Tgt Ion: 43 Resp: 97343  
Ion Ratio Lower Upper  
43 100  
72 27.3 15.3 45.8



#23  
Bromochloromethane  
Concen: 50.70 ug/L  
RT: 4.910 min Scan# 627  
Delta R.T. -0.006 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

Tgt Ion: 128 Resp: 28820  
Ion Ratio Lower Upper  
128 100  
49 162.7 107.5 199.7  
130 118.5 91.1 169.3  
51 48.1 40.3 60.5





#25

Chloroform

Concen: 51.10 ug/L

RT: 5.105 min Scan# 659

Delta R.T. -0.000 min

Lab File: VX022186.D

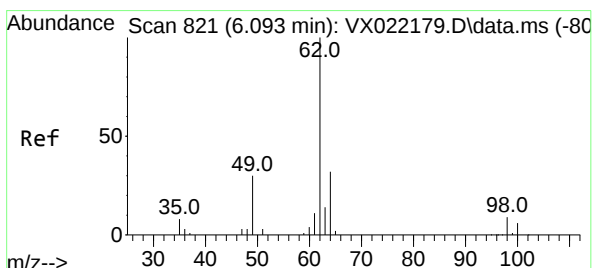
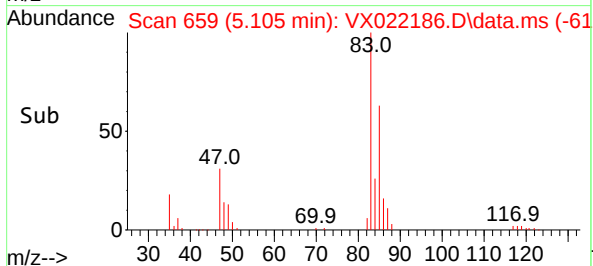
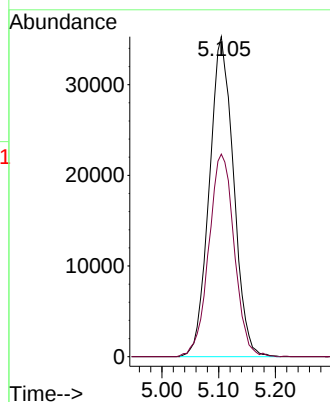
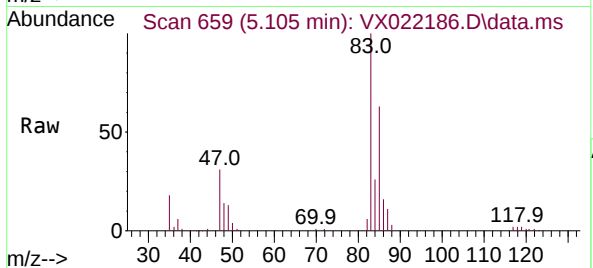
Acq: 25 May 2021 19:47

Tgt Ion: 83 Resp: 104606

Ion Ratio Lower Upper

83 100

85 63.3 46.3 85.9



#27

1,2-Dichloroethane

Concen: 52.03 ug/L

RT: 6.098 min Scan# 822

Delta R.T. 0.006 min

Lab File: VX022186.D

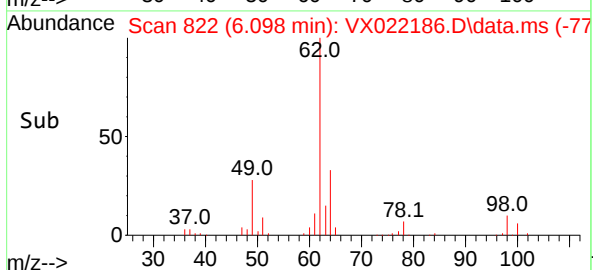
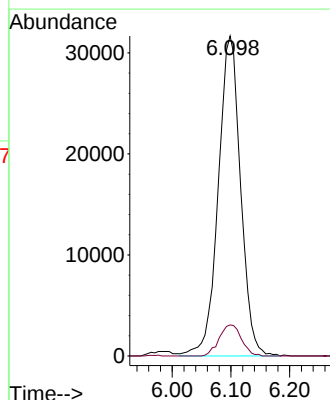
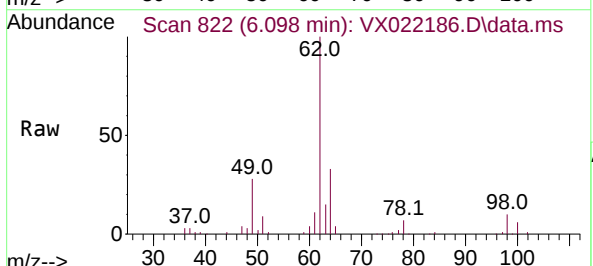
Acq: 25 May 2021 19:47

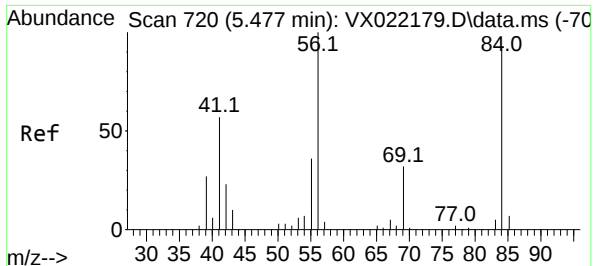
Tgt Ion: 62 Resp: 83660

Ion Ratio Lower Upper

62 100

98 9.7 7.9 11.9





#29

Cyclohexane

Concen: 49.65 ug/L

RT: 5.477 min Scan# 720

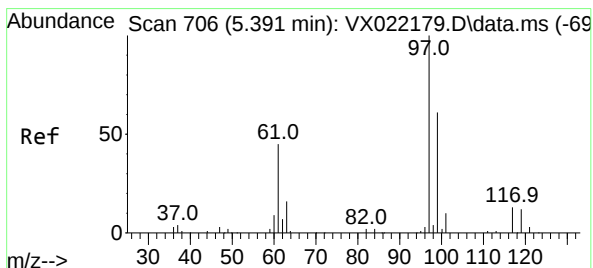
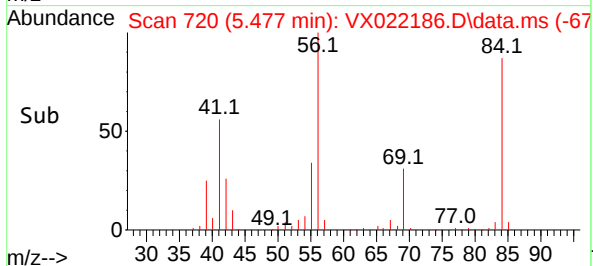
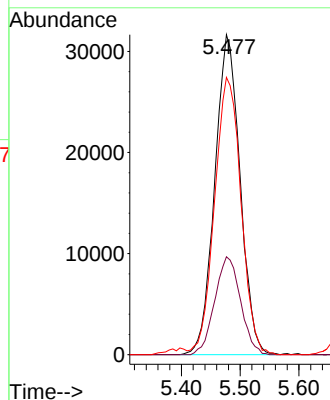
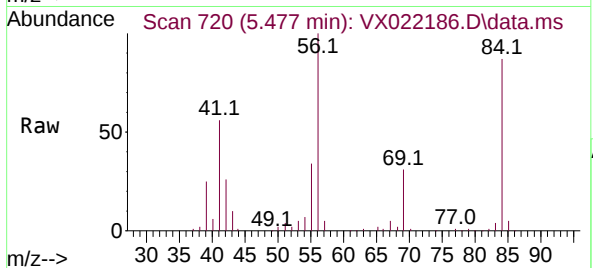
Delta R.T. -0.000 min

Lab File: VX022186.D

Acq: 25 May 2021 19:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 94687 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 31.1  | 25.7  | 38.5  |
| 84       | 90.7  | 72.4  | 108.6 |

Instrument :  
MSVOA\_X  
ClientSampled :



#30

1,1,1-Trichloroethane

Concen: 50.93 ug/L

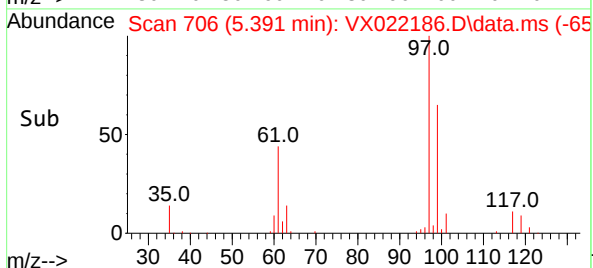
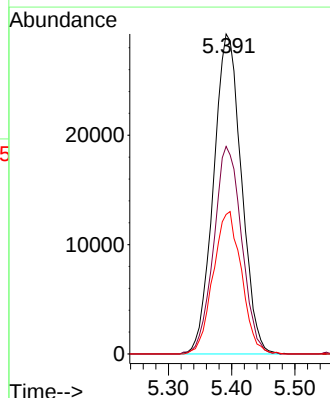
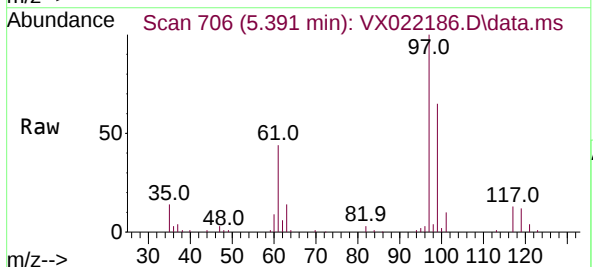
RT: 5.391 min Scan# 706

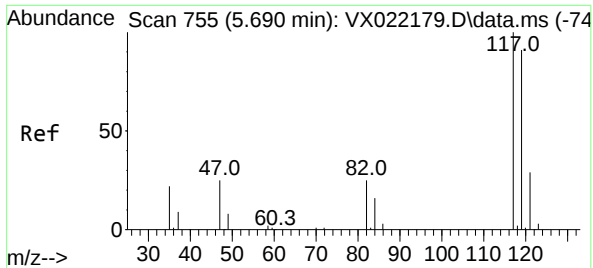
Delta R.T. -0.000 min

Lab File: VX022186.D

Acq: 25 May 2021 19:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 89677 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 64.8  | 52.1  | 78.1  |
| 61       | 45.1  | 35.3  | 52.9  |

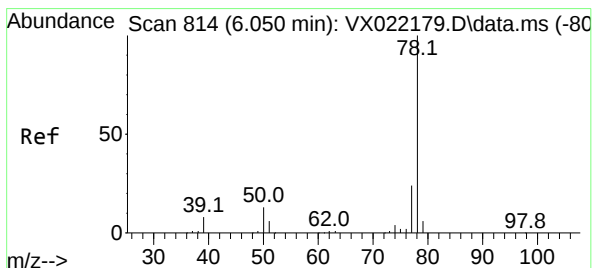
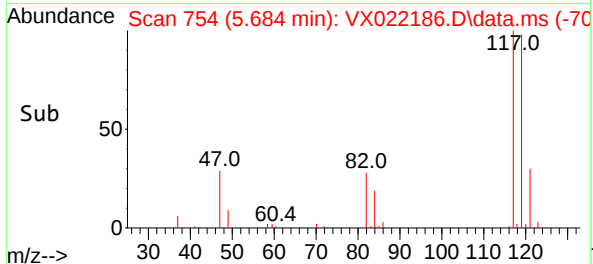
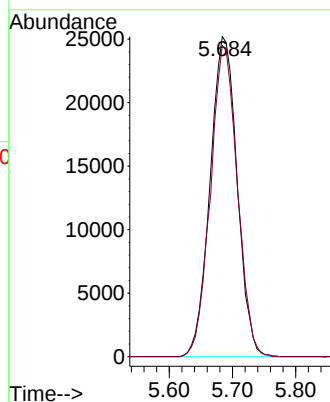
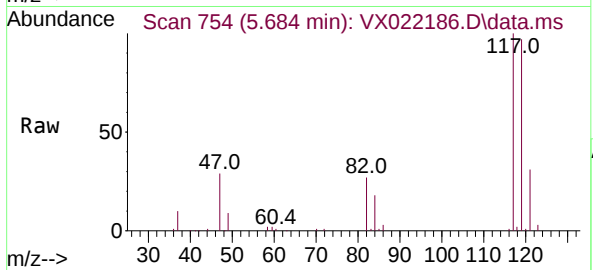




#31  
Carbon tetrachloride  
Concen: 51.30 ug/L  
RT: 5.684 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

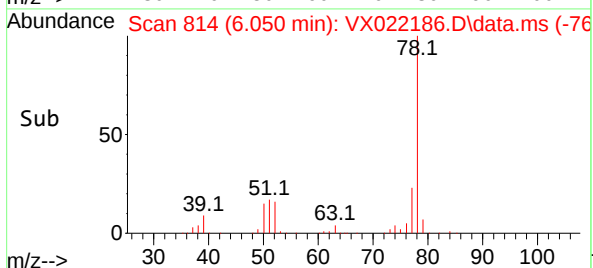
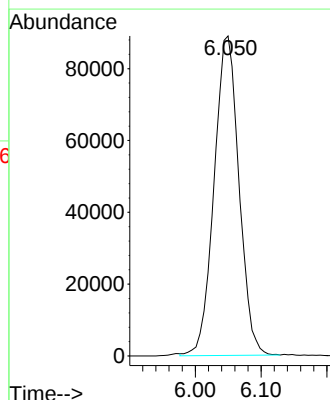
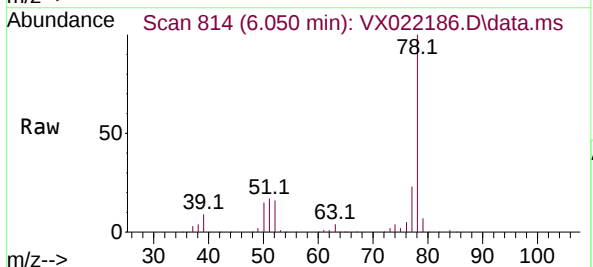
Instrument :  
MSVOA\_X  
ClientSampled :

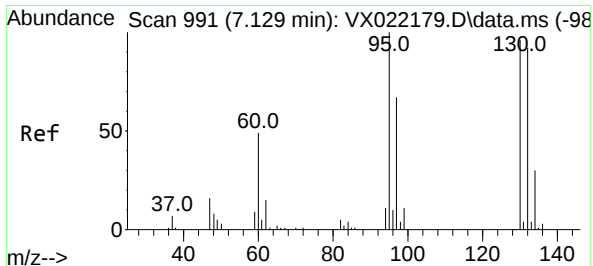
Tgt Ion:117 Resp: 74600  
Ion Ratio Lower Upper  
117 100  
119 96.6 77.5 116.3



#33  
Benzene  
Concen: 50.74 ug/L  
RT: 6.050 min Scan# 814  
Delta R.T. -0.000 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

Tgt Ion: 78 Resp: 234009

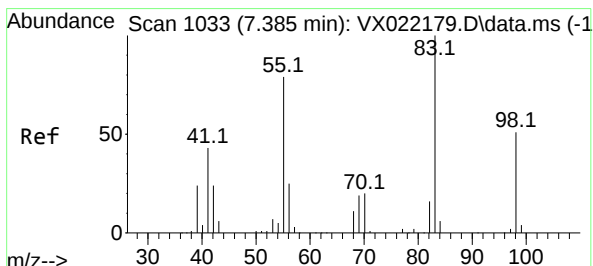
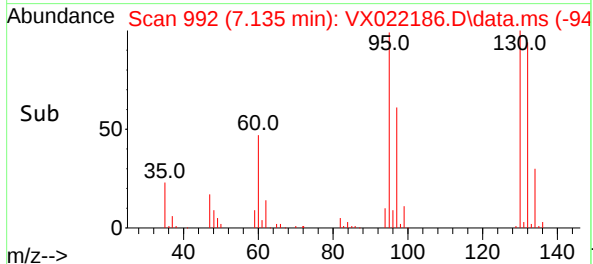
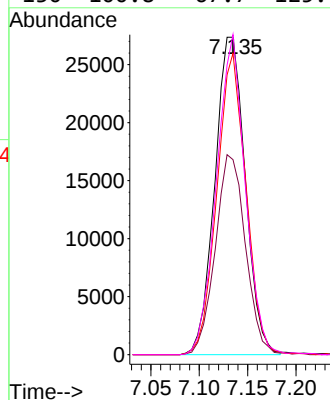
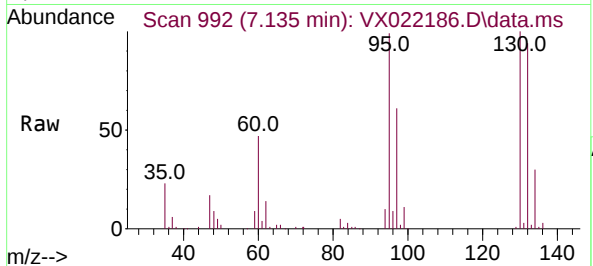




#34  
Trichloroethene  
Concen: 51.39 ug/L  
RT: 7.135 min Scan# 992  
Delta R.T. 0.006 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

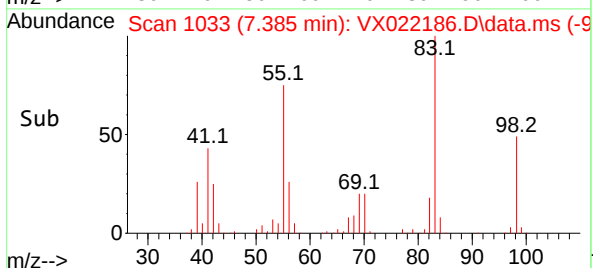
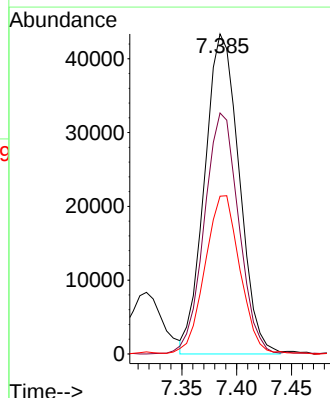
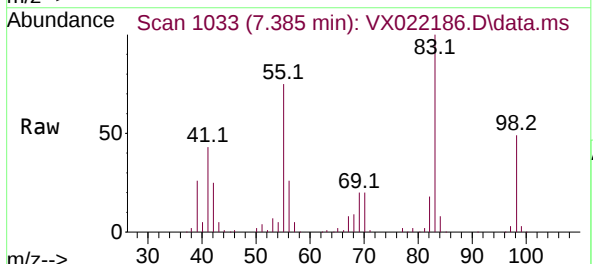
Instrument :  
MSVOA\_X  
ClientSampled :

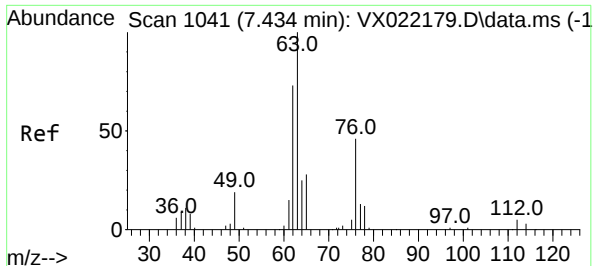
Tgt Ion: 95 Resp: 59844  
Ion Ratio Lower Upper  
95 100  
97 61.4 44.5 82.7  
132 94.9 65.2 121.0  
130 100.8 67.7 125.7



#35  
Methylcyclohexane  
Concen: 49.58 ug/L  
RT: 7.385 min Scan# 1033  
Delta R.T. -0.000 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

Tgt Ion: 83 Resp: 95225  
Ion Ratio Lower Upper  
83 100  
55 75.0 61.2 91.8  
98 49.9 38.7 58.1





#37

1,2-Dichloropropane

Concen: 50.53 ug/L

RT: 7.440 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VX022186.D

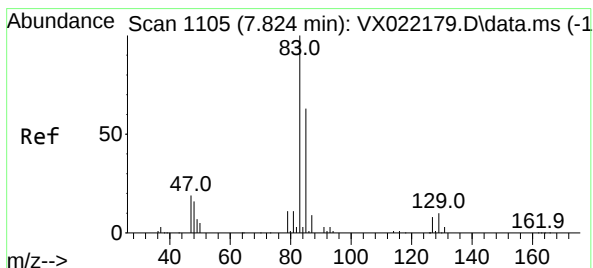
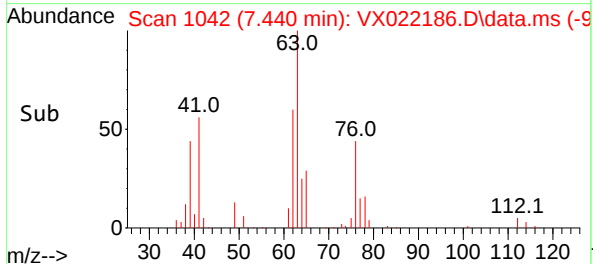
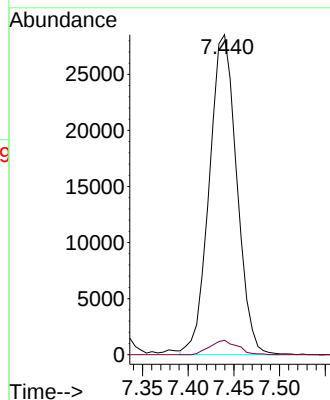
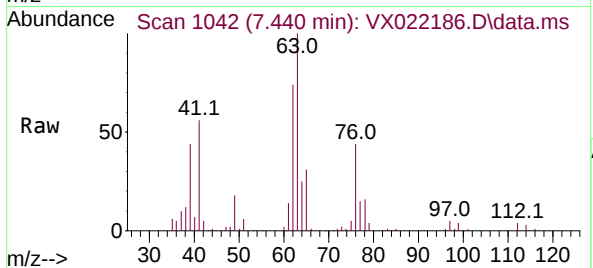
Acq: 25 May 2021 19:47

Tgt Ion: 63 Resp: 59713

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 51.82 ug/L

RT: 7.830 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VX022186.D

Acq: 25 May 2021 19:47

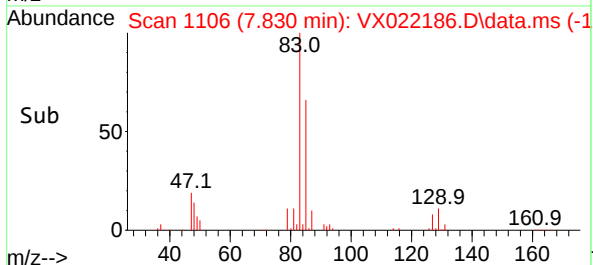
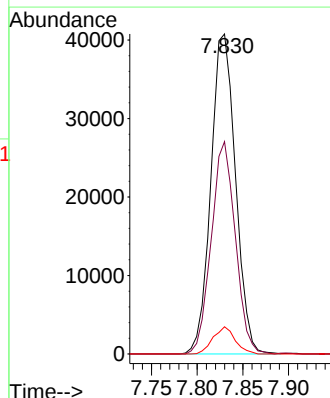
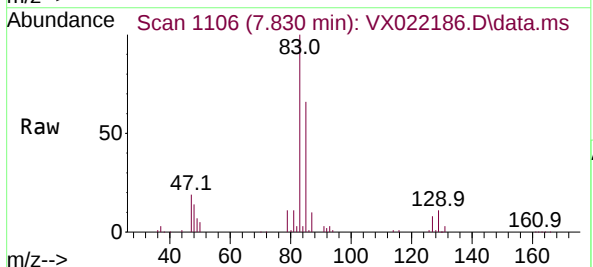
Tgt Ion: 83 Resp: 76445

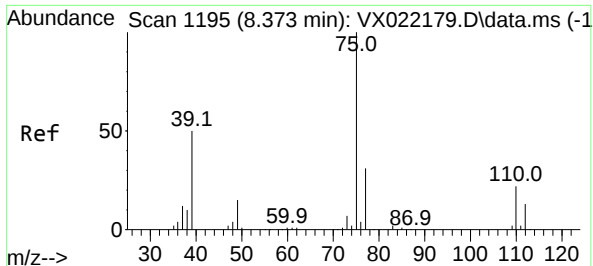
Ion Ratio Lower Upper

83 100

85 66.3 45.1 83.7

127 8.5 6.6 10.0

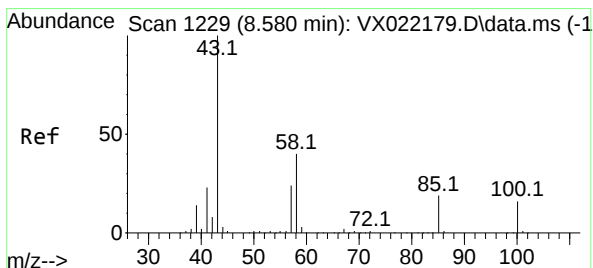
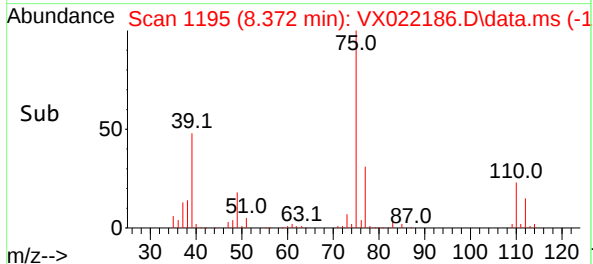
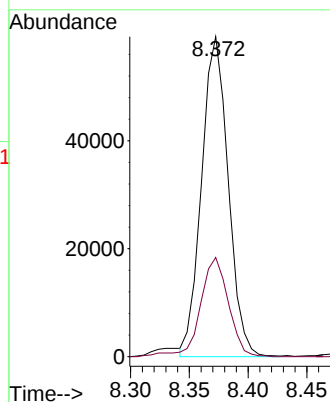
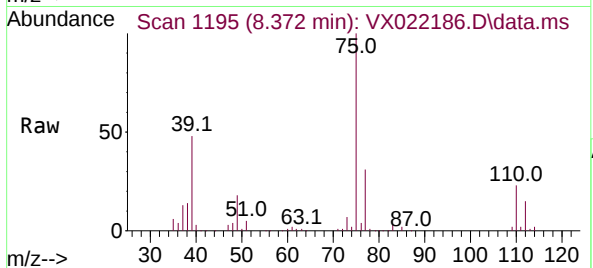




#39  
cis-1,3-Dichloropropene  
Concen: 51.17 ug/L  
RT: 8.372 min Scan# 1195  
Delta R.T. -0.001 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

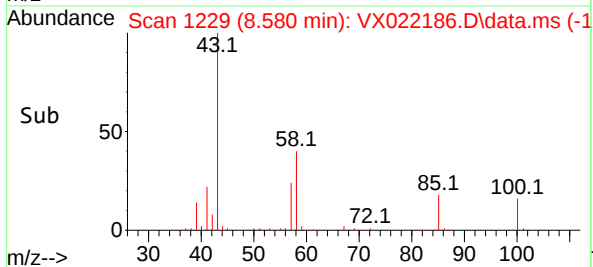
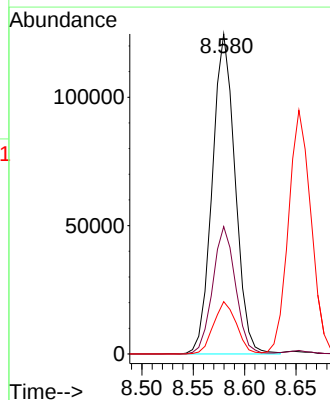
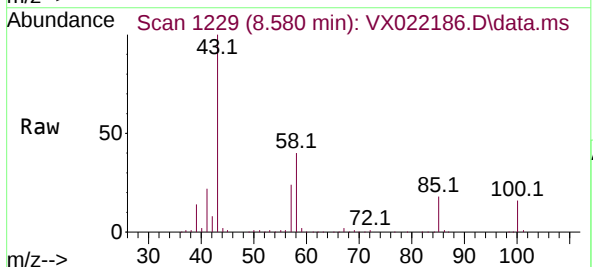
Instrument :  
MSVOA\_X  
ClientSampled :

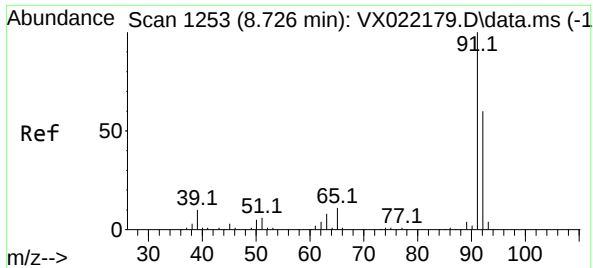
Tgt Ion: 75 Resp: 93642  
Ion Ratio Lower Upper  
75 100  
77 31.0 22.7 42.3



#40  
4-Methyl-2-pentanone  
Concen: 103.62 ug/L  
RT: 8.580 min Scan# 1229  
Delta R.T. -0.000 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

Tgt Ion: 43 Resp: 192916  
Ion Ratio Lower Upper  
43 100  
58 39.7 35.0 52.4  
100 16.4 14.2 21.4





#42

Toluene

Concen: 51.77 ug/L

RT: 8.726 min Scan# 1253

Delta R.T. 0.000 min

Lab File: VX022186.D

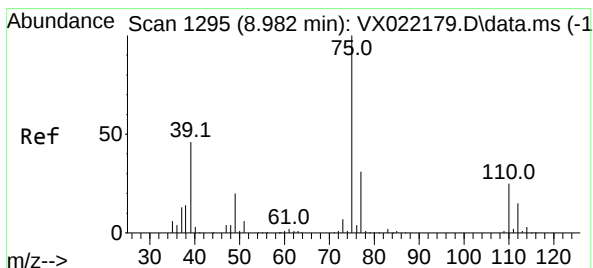
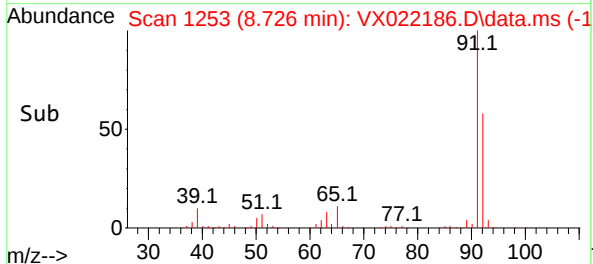
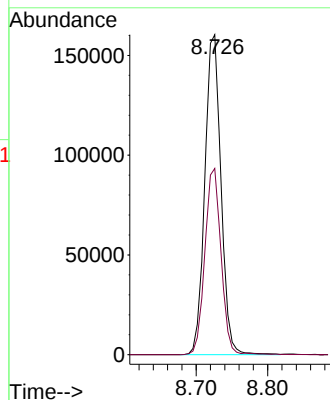
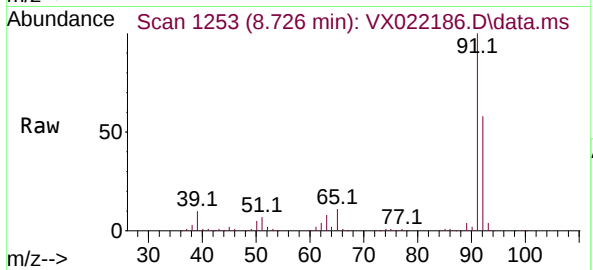
Acq: 25 May 2021 19:47

Tgt Ion: 91 Resp: 252341

Ion Ratio Lower Upper

91 100

92 58.2 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 50.19 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX022186.D

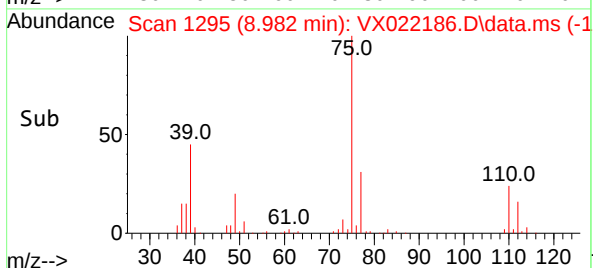
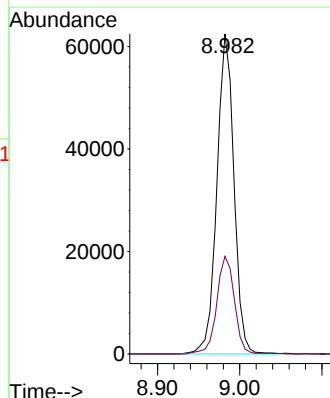
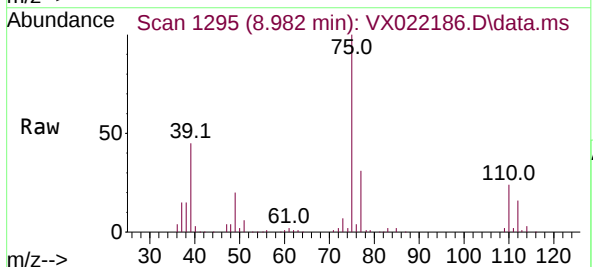
Acq: 25 May 2021 19:47

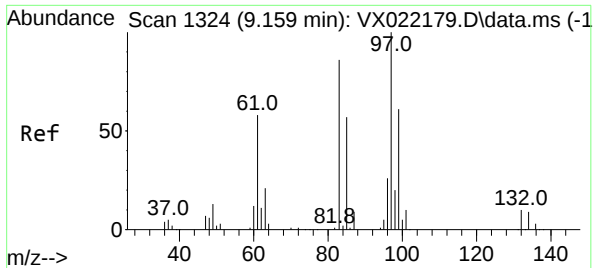
Tgt Ion: 75 Resp: 89988

Ion Ratio Lower Upper

75 100

77 30.5 22.4 41.6

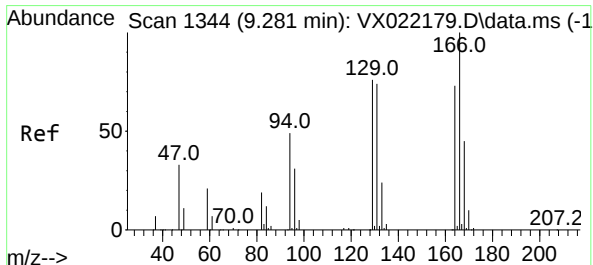
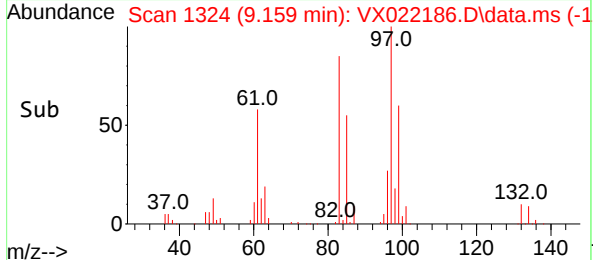
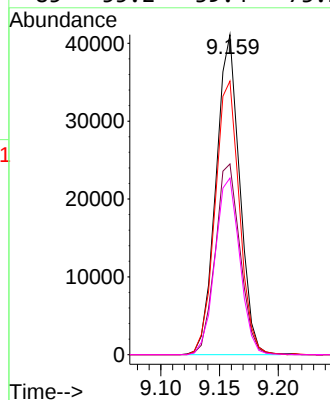
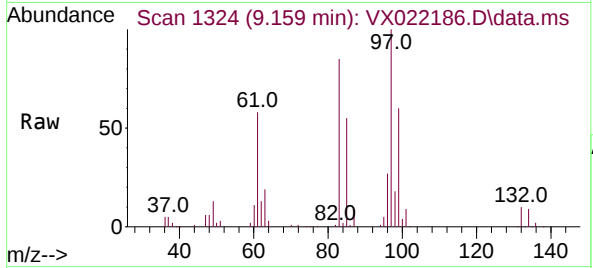




#45  
1,1,2-Trichloroethane  
Concen: 50.75 ug/L  
RT: 9.159 min Scan# 1324  
Delta R.T. -0.000 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

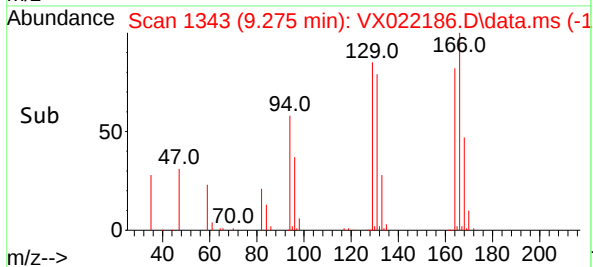
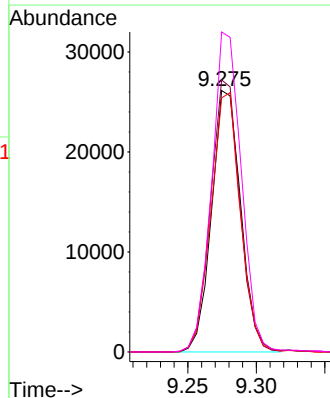
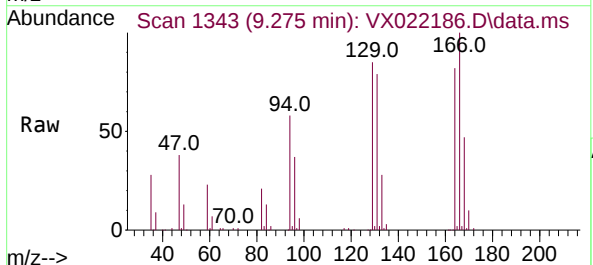
Instrument :  
MSVOA\_X  
ClientSampled :

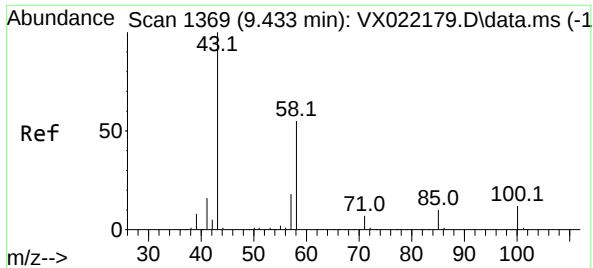
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 57643 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 59.6  | 44.0  | 81.6  |
| 83       | 85.5  | 60.8  | 113.0 |
| 85       | 55.2  | 39.4  | 73.2  |



#46  
Tetrachloroethene  
Concen: 49.70 ug/L  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.006 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 38671 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 104.1 | 65.6  | 121.8 |
| 131      | 97.2  | 63.7  | 118.3 |
| 166      | 122.4 | 93.0  | 172.6 |

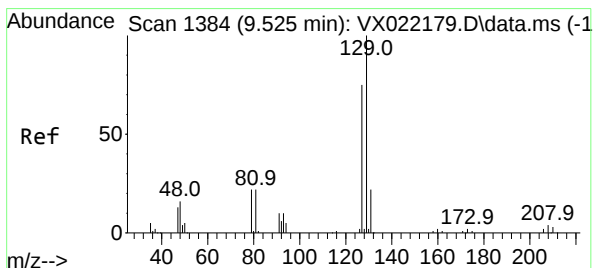
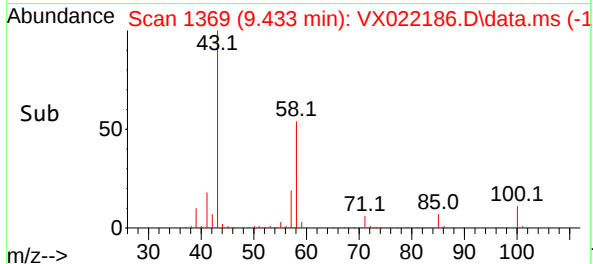
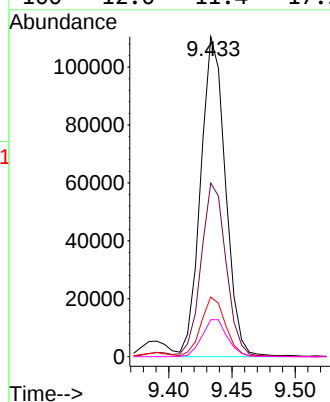
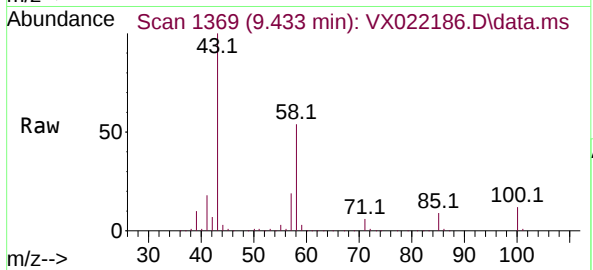




#48  
2-Hexanone  
Concen: 101.46 ug/L  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

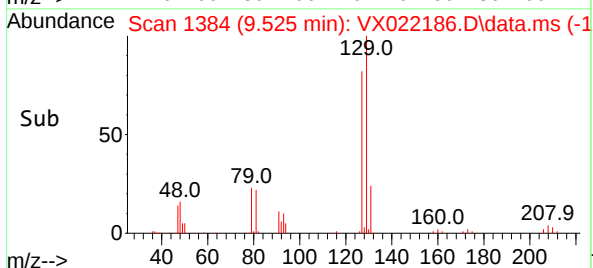
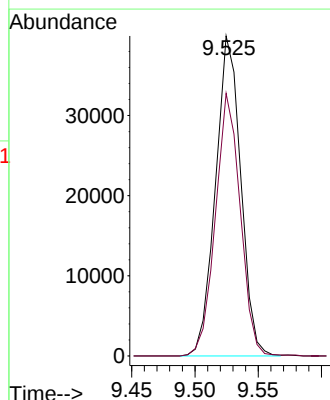
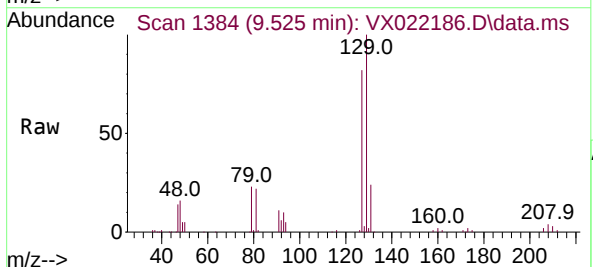
Instrument :  
MSVOA\_X  
ClientSampled :

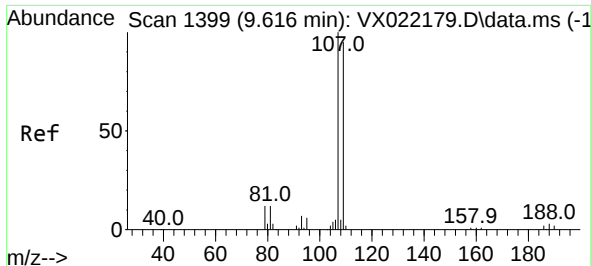
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 150646 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 54.7  | 50.1  | 75.1   |
| 57       | 18.2  | 17.3  | 25.9   |
| 100      | 12.0  | 11.4  | 17.2   |



#49  
Dibromochloromethane  
Concen: 51.38 ug/L  
RT: 9.525 min Scan# 1384  
Delta R.T. -0.000 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 129   | Resp: | 55399 |
| Ion      | Ratio | Lower | Upper |
| 129      | 100   |       |       |
| 127      | 82.0  | 52.5  | 97.5  |

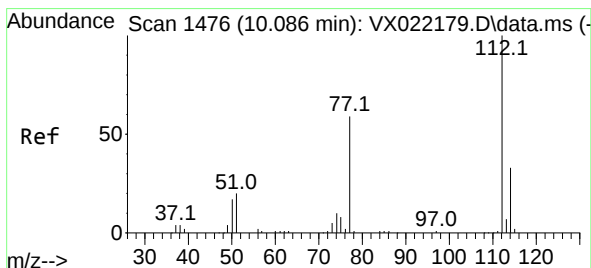
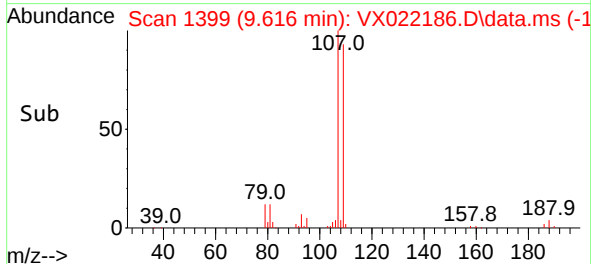
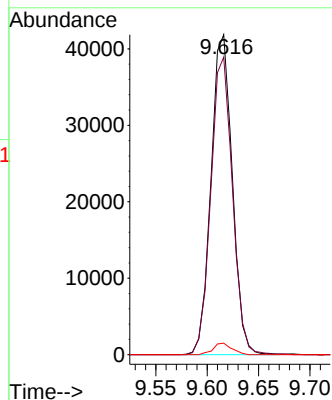
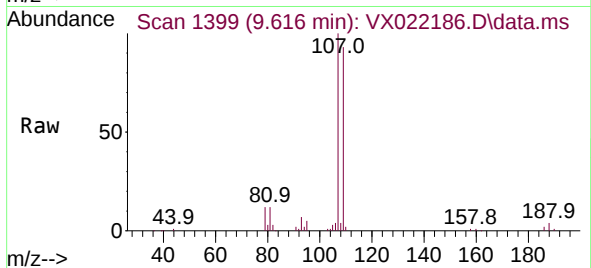




#50  
1,2-Dibromoethane  
Concen: 51.67 ug/L  
RT: 9.616 min Scan# 1399  
Delta R.T. 0.000 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

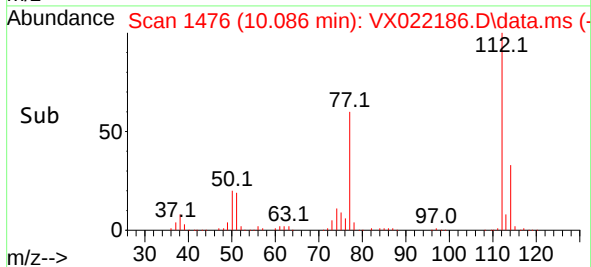
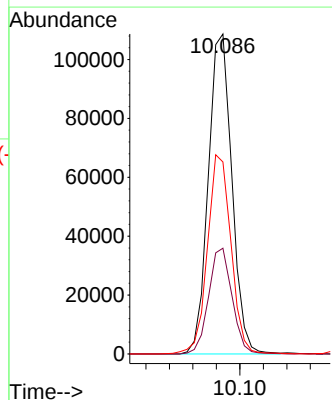
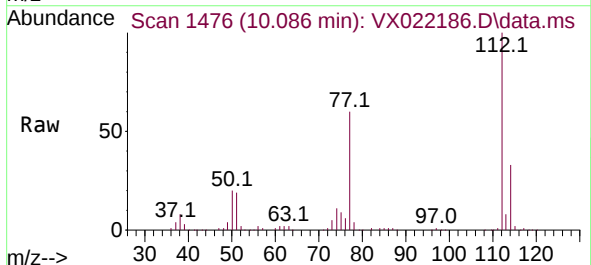
Instrument :  
MSVOA\_X  
ClientSampled :

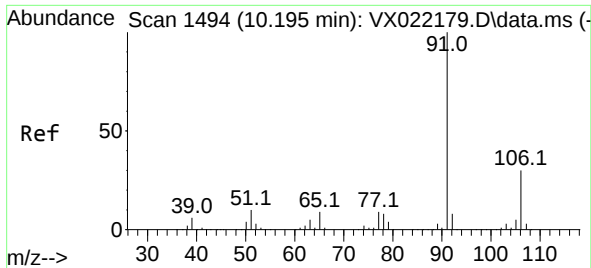
Tgt Ion:107 Resp: 60362  
Ion Ratio Lower Upper  
107 100  
109 93.0 66.4 123.4  
188 3.6 3.2 4.8



#51  
Chlorobenzene  
Concen: 49.63 ug/L  
RT: 10.086 min Scan# 1476  
Delta R.T. -0.000 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

Tgt Ion:112 Resp: 151632  
Ion Ratio Lower Upper  
112 100  
114 33.1 23.2 43.2  
77 60.0 48.4 72.6

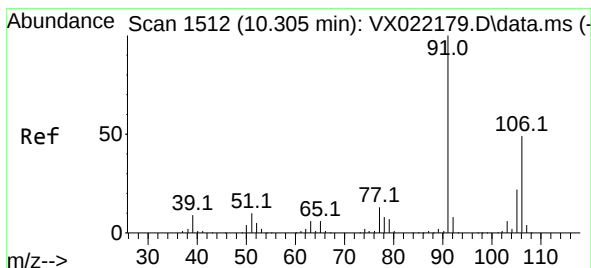
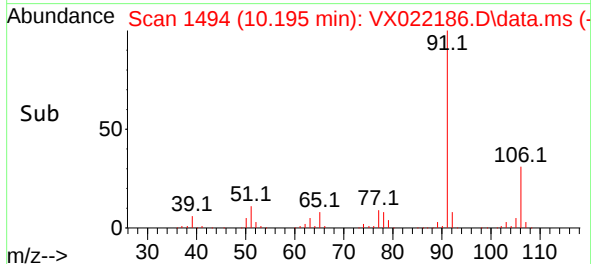
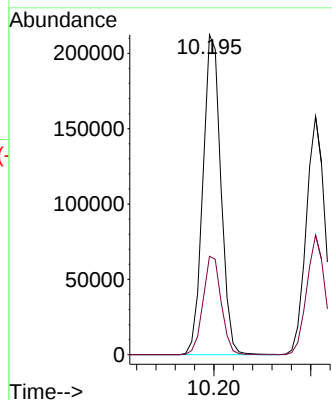
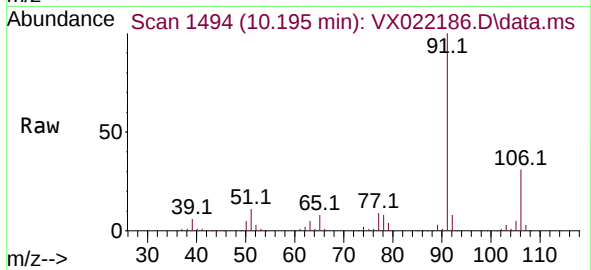




#52  
Ethylbenzene  
Concen: 50.58 ug/L  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

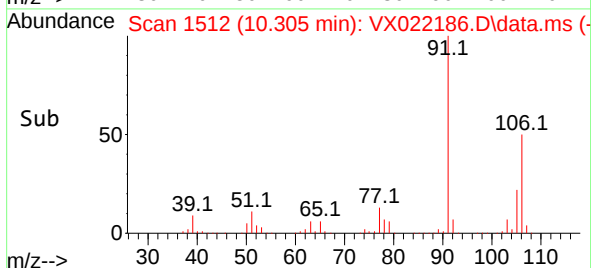
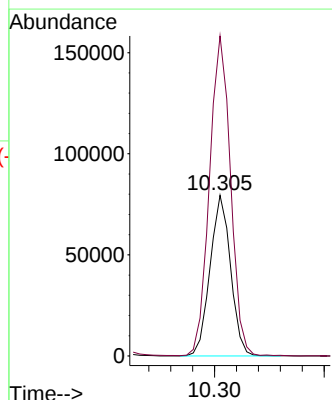
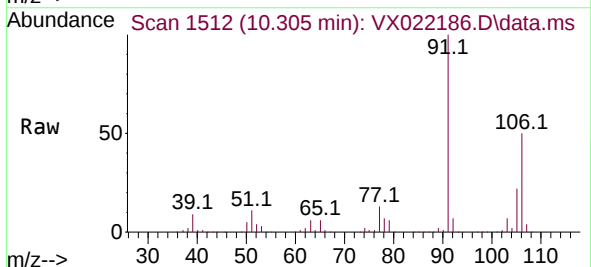
Instrument :  
MSVOA\_X  
ClientSampled :

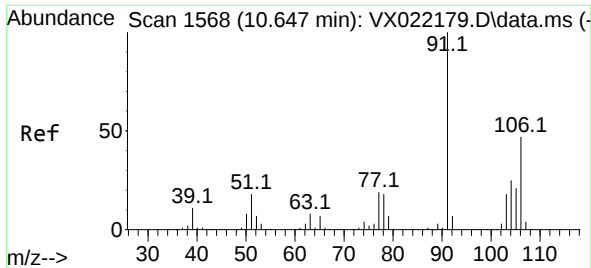
Tgt Ion: 91 Resp: 274257  
Ion Ratio Lower Upper  
91 100  
106 30.7 21.0 39.0



#53  
m,p-Xylene  
Concen: 50.13 ug/L  
RT: 10.305 min Scan# 1512  
Delta R.T. -0.000 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

Tgt Ion: 106 Resp: 103553  
Ion Ratio Lower Upper  
106 100  
91 199.2 142.5 264.6

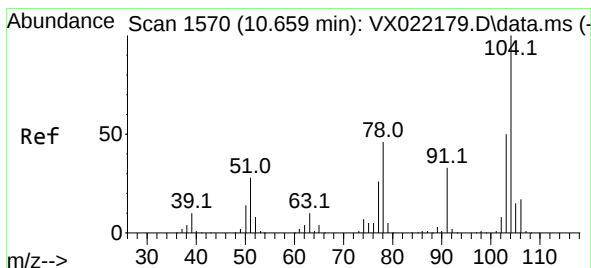
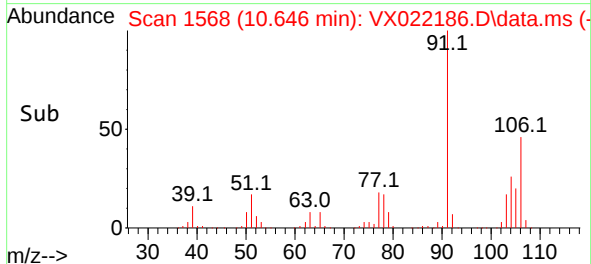
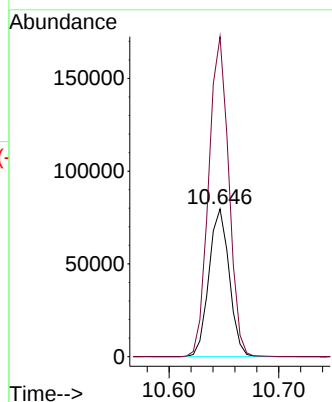
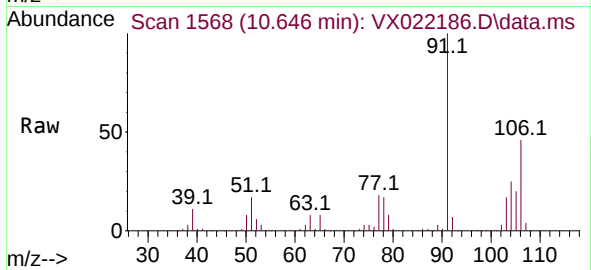




#54  
o-Xylene  
Concen: 51.11 ug/L  
RT: 10.646 min Scan# 1568  
Delta R.T. -0.001 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

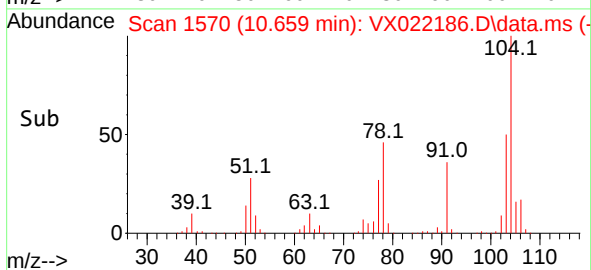
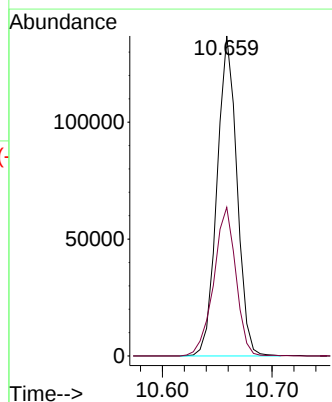
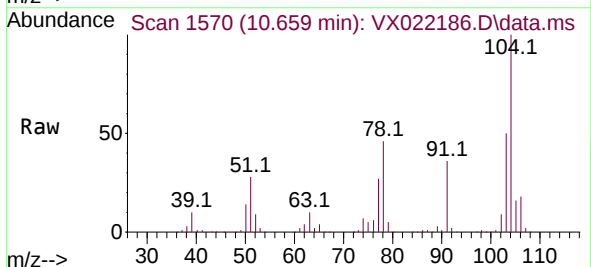
Instrument :  
MSVOA\_X  
ClientSampled :

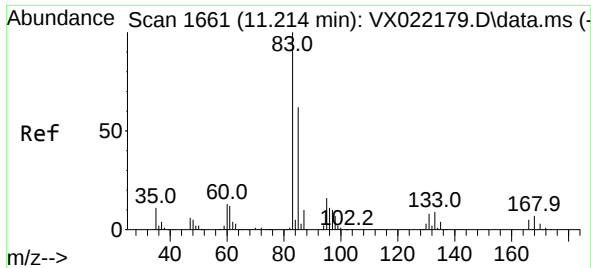
Tgt Ion:106 Resp: 102605  
Ion Ratio Lower Upper  
106 100  
91 216.6 156.2 290.0



#55  
Styrene  
Concen: 51.14 ug/L  
RT: 10.659 min Scan# 1570  
Delta R.T. -0.000 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

Tgt Ion:104 Resp: 172783  
Ion Ratio Lower Upper  
104 100  
78 46.4 30.0 55.6

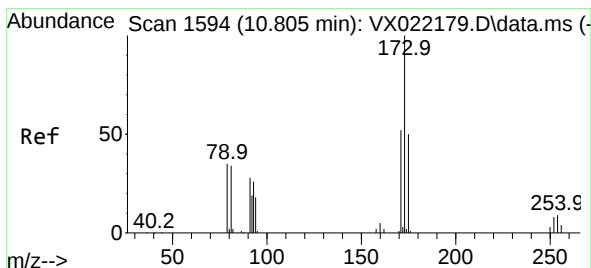
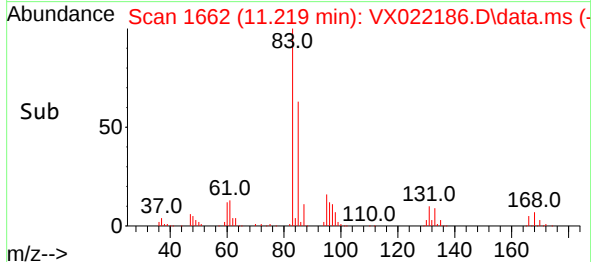
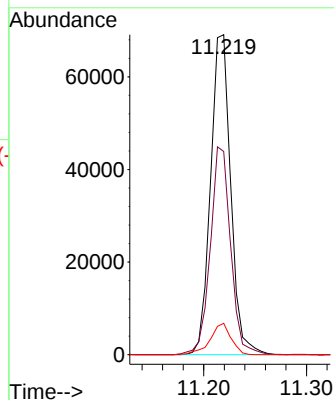
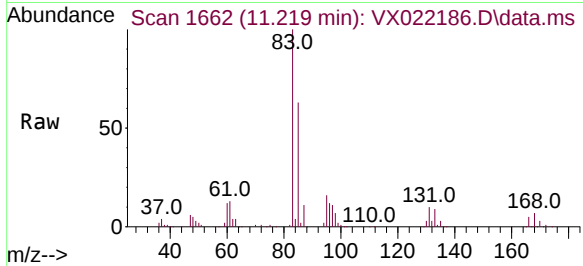




#57  
1,1,2,2-Tetrachloroethane  
Concen: 50.97 ug/L  
RT: 11.219 min Scan# 1662  
Delta R.T. 0.005 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

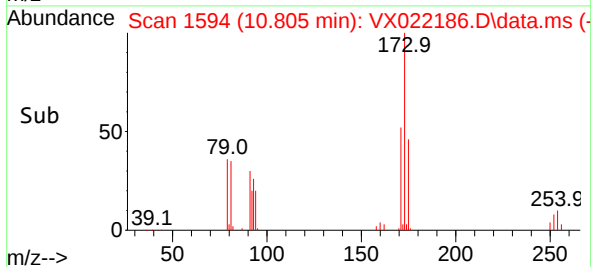
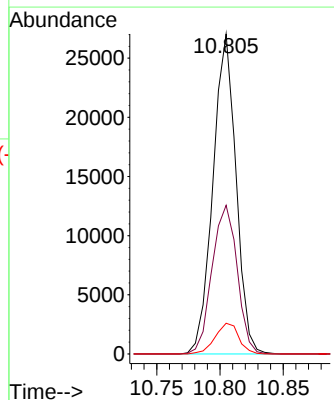
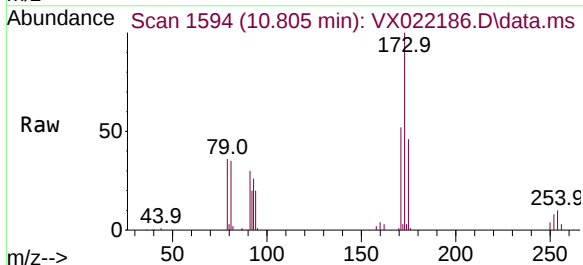
Instrument :  
MSVOA\_X  
ClientSampleId :

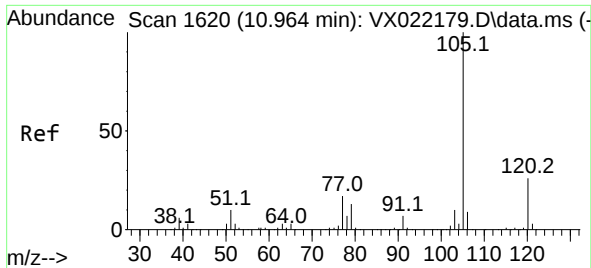
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 94369 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 63.5  | 44.7  | 82.9  |
| 131       | 9.8   | 7.8   | 11.8  |



#59  
Bromoform  
Concen: 52.21 ug/L  
RT: 10.805 min Scan# 1594  
Delta R.T. -0.000 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 34272 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 50.5  | 39.4  | 59.2  |
| 254       | 9.9   | 8.6   | 13.0  |

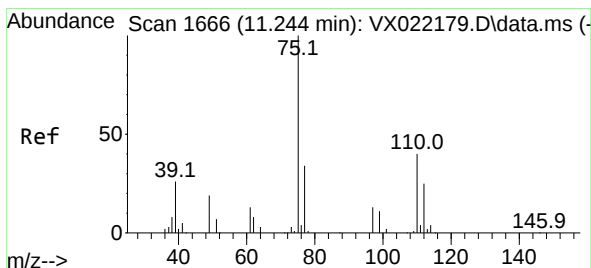
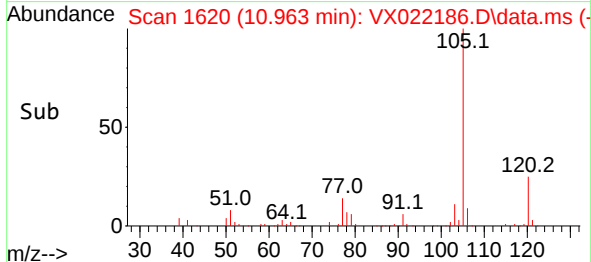
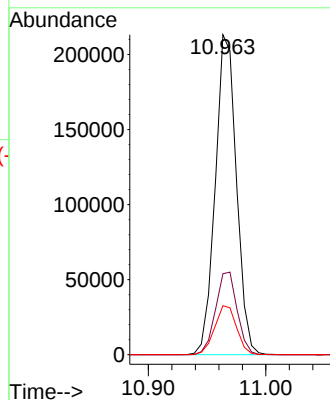
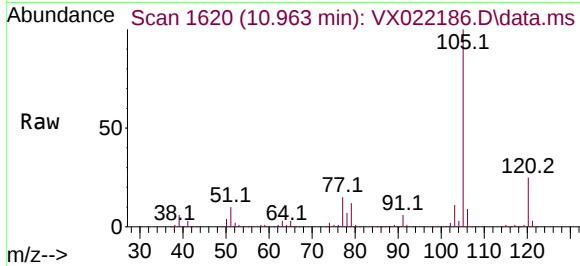




#60  
Isopropylbenzene  
Concen: 51.82 ug/L  
RT: 10.963 min Scan# 1620  
Delta R.T. -0.001 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

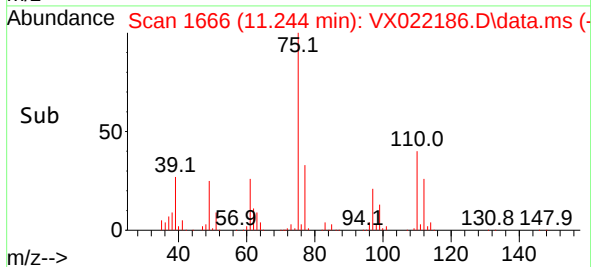
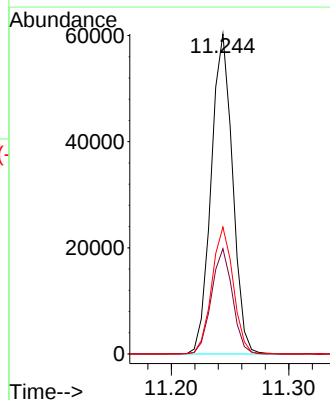
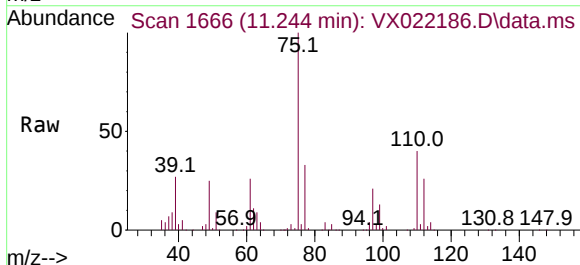
Instrument :  
MSVOA\_X  
ClientSampled :

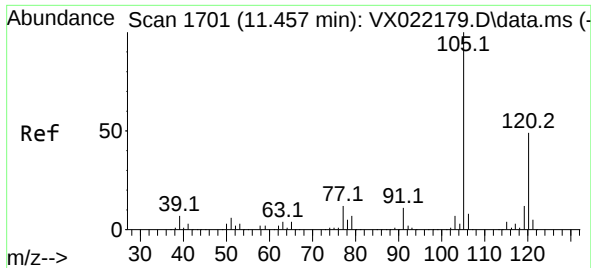
Tgt Ion:105 Resp: 266983  
Ion Ratio Lower Upper  
105 100  
120 26.4 21.2 31.8  
77 15.9 12.6 18.8



#61  
1,2,3-Trichloropropane  
Concen: 51.69 ug/L  
RT: 11.244 min Scan# 1666  
Delta R.T. -0.000 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

Tgt Ion: 75 Resp: 76175  
Ion Ratio Lower Upper  
75 100  
77 32.3 26.2 39.2  
110 39.5 31.8 47.8

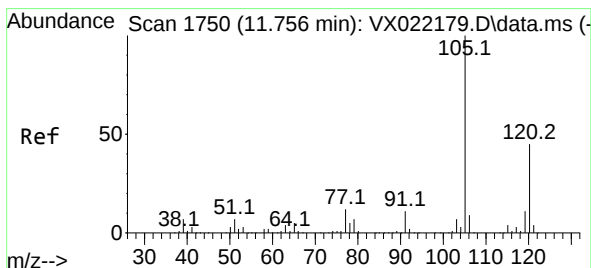
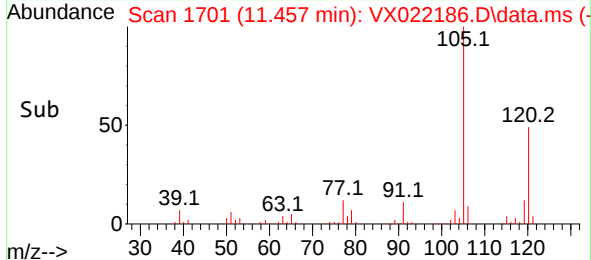
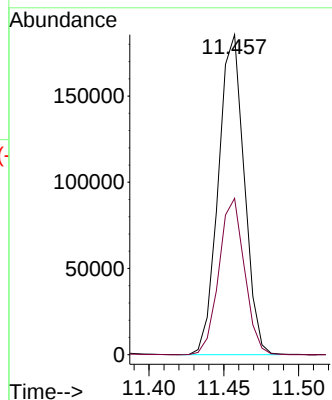
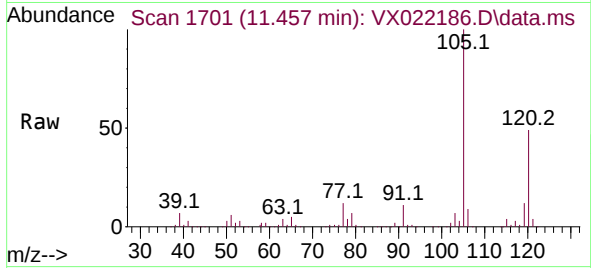




#62  
1,3,5-Trimethylbenzene  
Concen: 51.48 ug/L  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

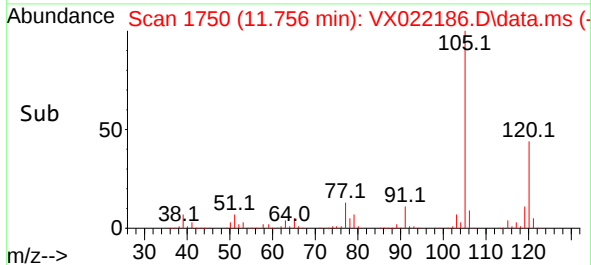
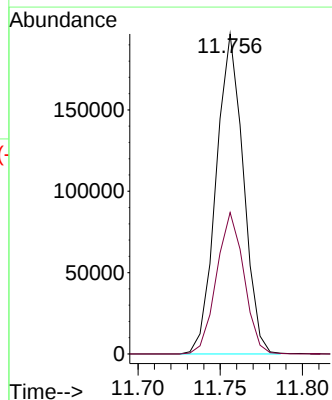
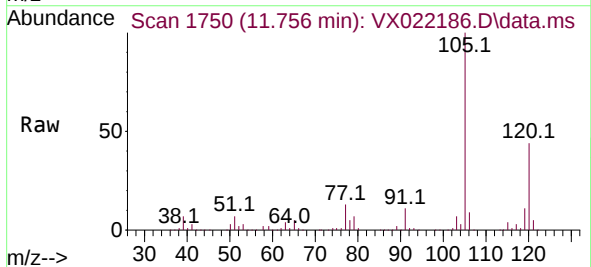
Instrument :  
MSVOA\_X  
ClientSampled :

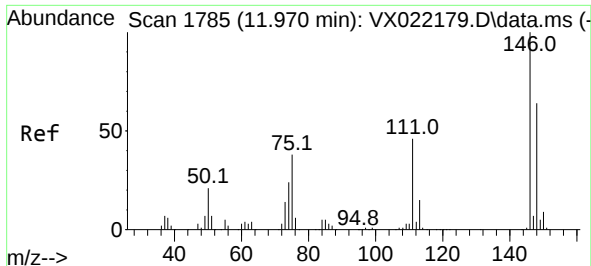
Tgt Ion:105 Resp: 223178  
Ion Ratio Lower Upper  
105 100  
120 48.2 38.0 57.0



#63  
1,2,4-Trimethylbenzene  
Concen: 51.56 ug/L  
RT: 11.756 min Scan# 1750  
Delta R.T. -0.000 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

Tgt Ion:105 Resp: 226172  
Ion Ratio Lower Upper  
105 100  
120 44.5 36.4 54.6

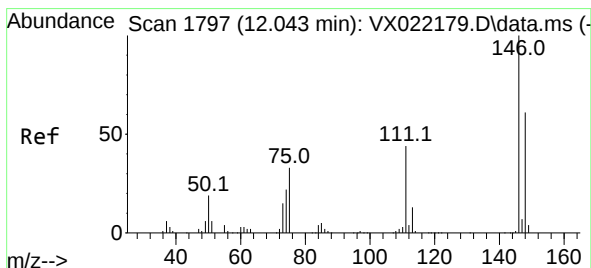
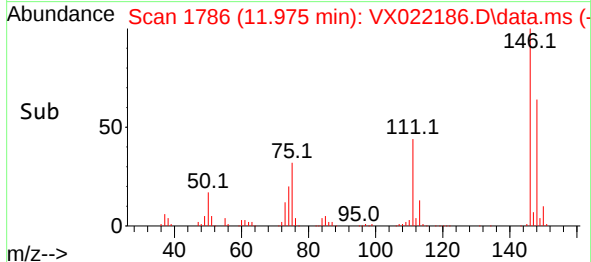
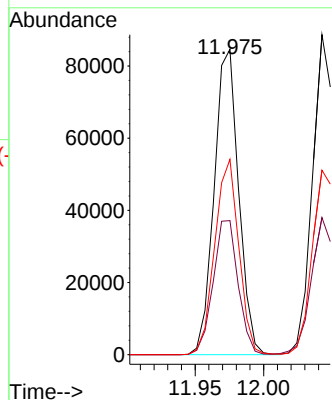
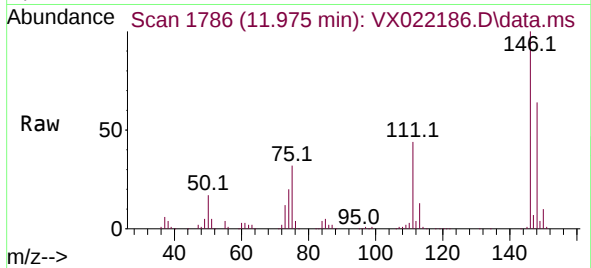




#64  
1,3-Dichlorobenzene  
Concen: 50.67 ug/L  
RT: 11.975 min Scan# 1786  
Delta R.T. 0.005 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

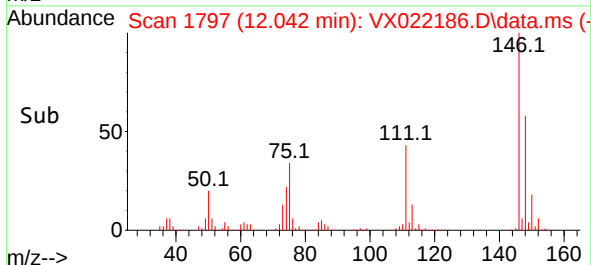
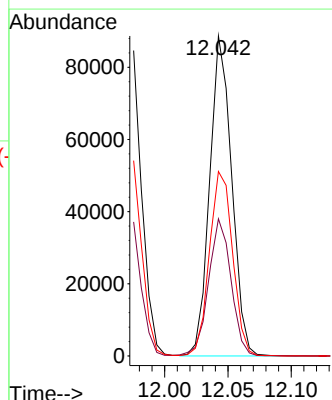
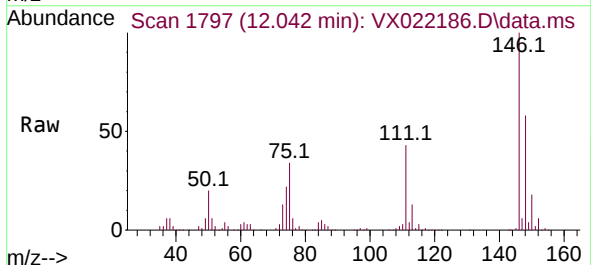
Instrument :  
MSVOA\_X  
ClientSampled :

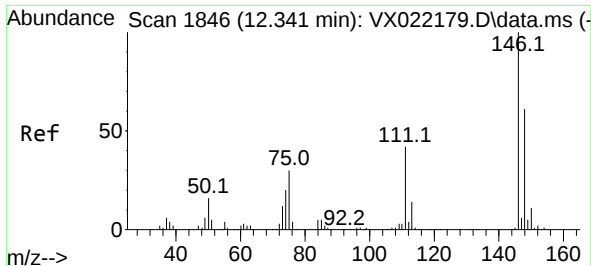
Tgt Ion:146 Resp: 105185  
Ion Ratio Lower Upper  
146 100  
111 43.9 28.9 53.7  
148 64.0 47.7 88.7



#65  
1,4-Dichlorobenzene  
Concen: 51.57 ug/L  
RT: 12.042 min Scan# 1797  
Delta R.T. -0.001 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

Tgt Ion:146 Resp: 107453  
Ion Ratio Lower Upper  
146 100  
111 42.9 28.7 53.3  
148 57.7 45.8 85.2

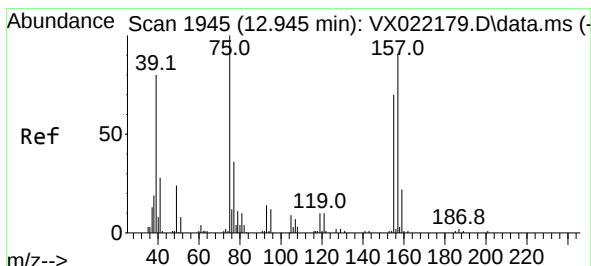
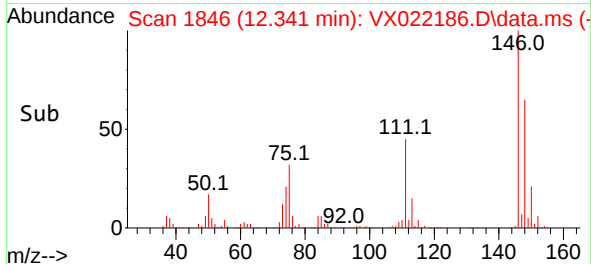
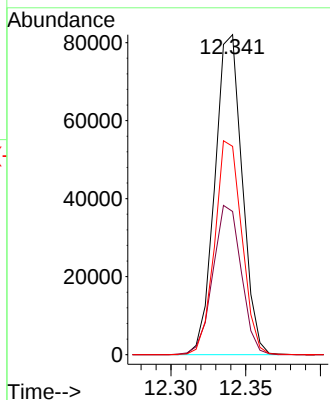
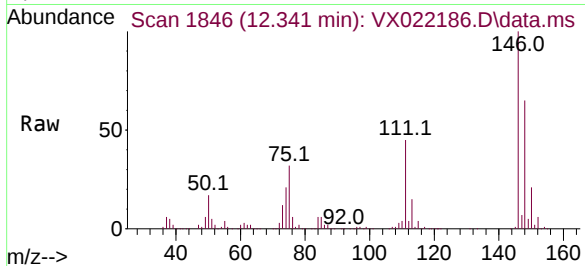




#67  
1,2-Dichlorobenzene  
Concen: 49.95 ug/L  
RT: 12.341 min Scan# 1846  
Delta R.T. 0.000 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

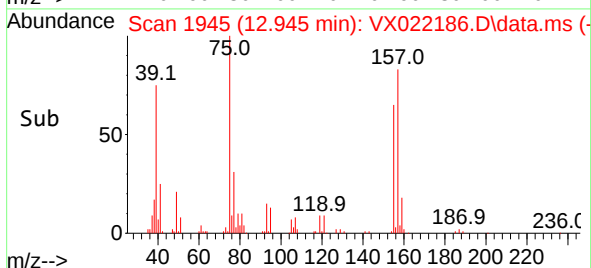
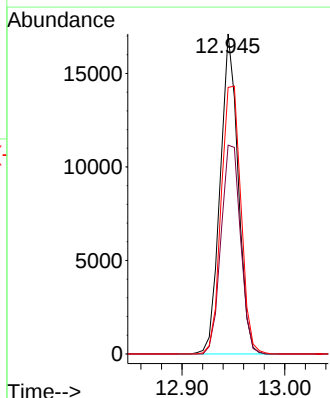
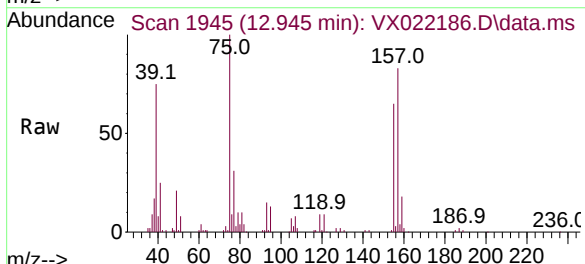
Instrument :  
MSVOA\_X  
ClientSampled :

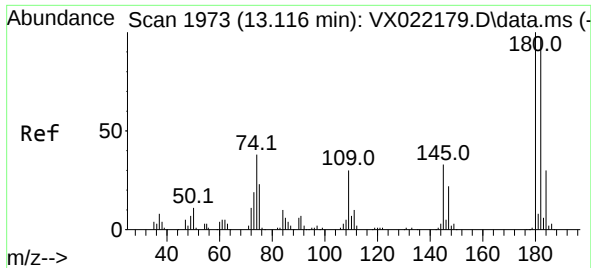
Tgt Ion:146 Resp: 104419  
Ion Ratio Lower Upper  
146 100  
111 44.7 33.8 50.8  
148 65.1 51.4 77.2



#68  
1,2-Dibromo-3-chloropropane  
Concen: 55.09 ug/L  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

Tgt Ion: 75 Resp: 20657  
Ion Ratio Lower Upper  
75 100  
155 65.3 65.3 97.9#  
157 83.3 80.5 120.7

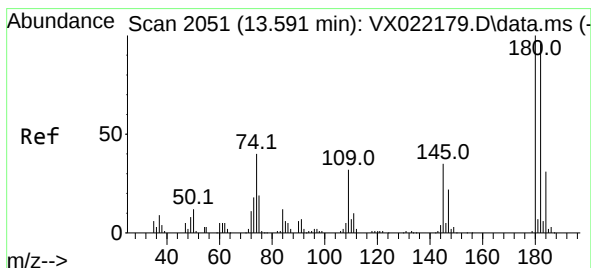
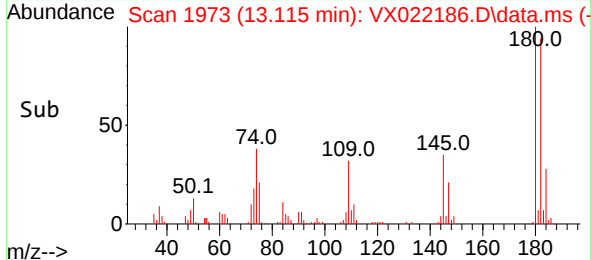
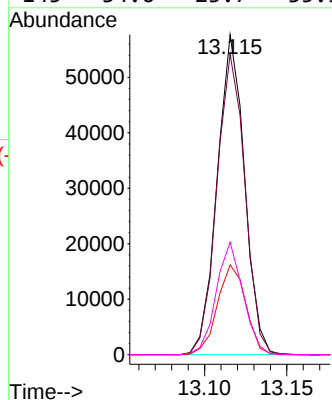
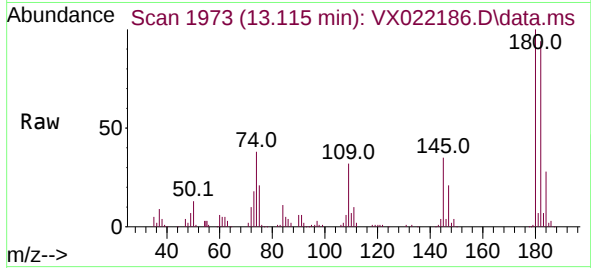




#69  
1,3,5-Trichlorobenzene  
Concen: 49.85 ug/L  
RT: 13.115 min Scan# 1973  
Delta R.T. -0.000 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

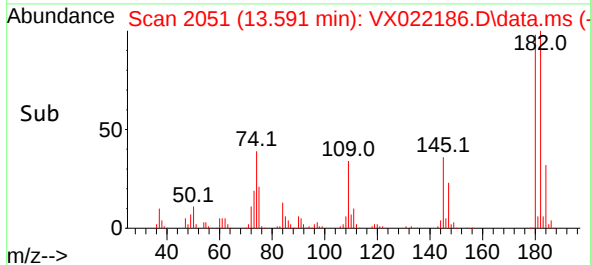
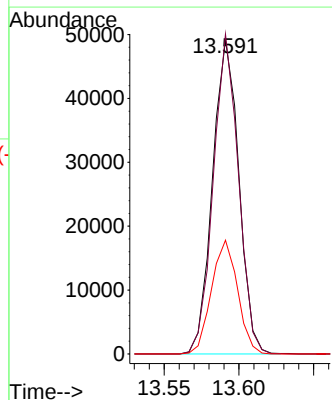
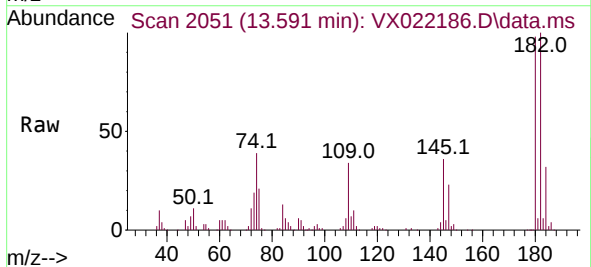
Instrument :  
MSVOA\_X  
ClientSampled :

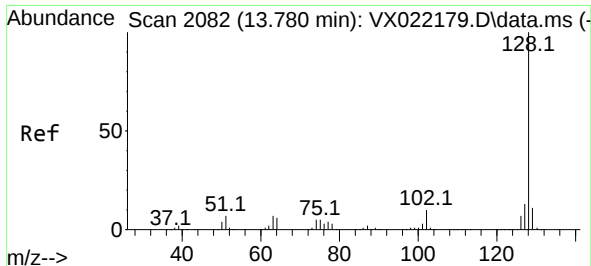
Tgt Ion:180 Resp: 66688  
Ion Ratio Lower Upper  
180 100  
182 96.1 74.8 112.2  
184 29.2 24.1 36.1  
145 34.6 23.7 35.5



#70  
1,2,4-trichlorobenzene  
Concen: 49.61 ug/L  
RT: 13.591 min Scan# 2051  
Delta R.T. -0.000 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

Tgt Ion:180 Resp: 60075  
Ion Ratio Lower Upper  
180 100  
182 97.1 74.3 111.5  
145 35.9 24.1 36.1

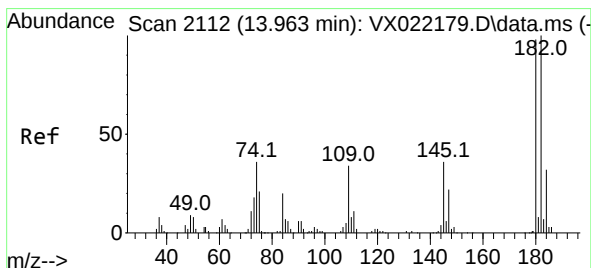
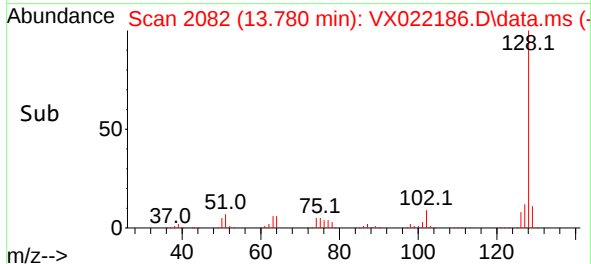
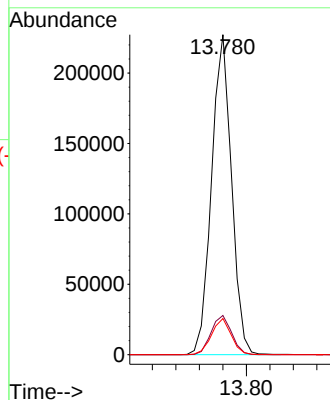
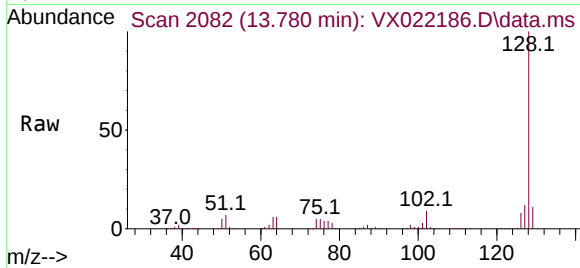




#71  
Naphthalene  
Concen: 52.97 ug/L  
RT: 13.780 min Scan# 2082  
Delta R.T. -0.000 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

Instrument :  
MSVOA\_X  
ClientSampled :

Tgt Ion:128 Resp: 268047  
Ion Ratio Lower Upper  
128 100  
127 12.6 10.2 15.2  
129 11.2 8.6 13.0



#72  
1,2,3-Trichlorobenzene  
Concen: 51.80 ug/L  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX022186.D  
Acq: 25 May 2021 19:47

Tgt Ion:180 Resp: 62999  
Ion Ratio Lower Upper  
180 100  
182 94.2 74.6 112.0  
145 37.0 25.6 38.4

