

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071221\  
 Data File : VV021630.D  
 Acq On : 12 Jul 2021 16:49  
 Operator : SY/MD  
 Sample : VSTDCCC050EC  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jul 13 01:18:19 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062921WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jul 13 01:14:23 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|----------------|------|----------|--------|----------|----------|
| -----                         |                |      |          |        |          |          |
| Internal Standards            |                |      |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.616          | 114  | 476808   | 50.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.854          | 117  | 446282   | 50.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249         | 152  | 232034   | 50.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |                |      |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.301          | 65   | 151346   | 50.169 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery | =      | 100.340% |          |
| 7) Chloroethane-d5            | 1.555          | 69   | 114958   | 46.624 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery | =      | 93.240%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.101          | 63   | 252462   | 45.740 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery | =      | 91.480%  |          |
| 21) 2-Butanone-d5             | 3.870          | 46   | 248311   | 96.377 | ug/L     | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery | =      | 96.380%  |          |
| 24) Chloroform-d              | 4.346          | 84   | 288757   | 45.761 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery | =      | 91.520%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.031          | 65   | 171998   | 46.259 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery | =      | 92.520%  |          |
| 32) Benzene-d6                | 5.050          | 84   | 592880   | 47.315 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery | =      | 94.620%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.069          | 67   | 184334   | 46.641 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery | =      | 93.280%  |          |
| 41) Toluene-d8                | 7.317          | 98   | 547714   | 47.263 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery | =      | 94.520%  |          |
| 43) trans-1,3-Dichloroprop... | 7.622          | 79   | 91465    | 46.524 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery | =      | 93.040%  |          |
| 47) 2-Hexanone-d5             | 8.088          | 63   | 182210   | 99.392 | ug/L     | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery | =      | 99.390%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217         | 84   | 263273   | 49.443 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery | =      | 98.880%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625         | 152  | 217665   | 47.053 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery | =      | 94.100%  |          |
| Target Compounds              |                |      |          |        |          | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.124          | 85   | 175315   | 42.511 | ug/L     | 99       |
| 3) Chloromethane              | 1.240          | 50   | 178334   | 44.917 | ug/L     | 99       |
| 5) Vinyl chloride             | 1.307          | 62   | 171844   | 43.720 | ug/L     | 100      |
| 6) Bromomethane               | 1.503          | 94   | 102924   | 44.935 | ug/L     | 100      |
| 8) Chloroethane               | 1.574          | 64   | 101542   | 44.935 | ug/L     | 99       |
| 9) Trichlorofluoromethane     | 1.745          | 101  | 232163   | 46.932 | ug/L     | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.111          | 101  | 126238   | 44.546 | ug/L     | 99       |
| 12) 1,1-Dichloroethene        | 2.111          | 96   | 122926   | 45.143 | ug/L     | 94       |
| 13) Acetone                   | 2.156          | 43   | 144405   | 67.796 | ug/L #   | 100      |
| 14) Carbon disulfide          | 2.288          | 76   | 399484   | 41.611 | ug/L     | 99       |
| 15) Methyl Acetate            | 2.423          | 43   | 183640   | 46.396 | ug/L     | 99       |
| 16) Methylene chloride        | 2.503          | 84   | 164807   | 44.584 | ug/L     | 100      |
| 17) trans-1,2-Dichloroethene  | 2.757          | 96   | 150481   | 45.297 | ug/L     | 98       |
| 18) Methyl tert-butyl Ether   | 2.764          | 73   | 500844   | 46.549 | ug/L     | 99       |
| 19) 1,1-Dichloroethane        | 3.185          | 63   | 277213   | 45.810 | ug/L     | 100      |
| 20) cis-1,2-Dichloroethene    | 3.908          | 96   | 170487   | 46.151 | ug/L     | 99       |
| 22) 2-Butanone                | 3.953          | 43   | 259263   | 88.135 | ug/L     | 98       |
| 23) Bromochloromethane        | 4.246          | 128  | 89885    | 46.098 | ug/L     | 98       |
| 25) Chloroform                | 4.371          | 83   | 288602   | 46.779 | ug/L     | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW071221\  
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 Sample : VSTDCCC050EC  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jul 13 01:18:19 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062921WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jul 13 01:14:23 2021  
 Response via : Initial Calibration

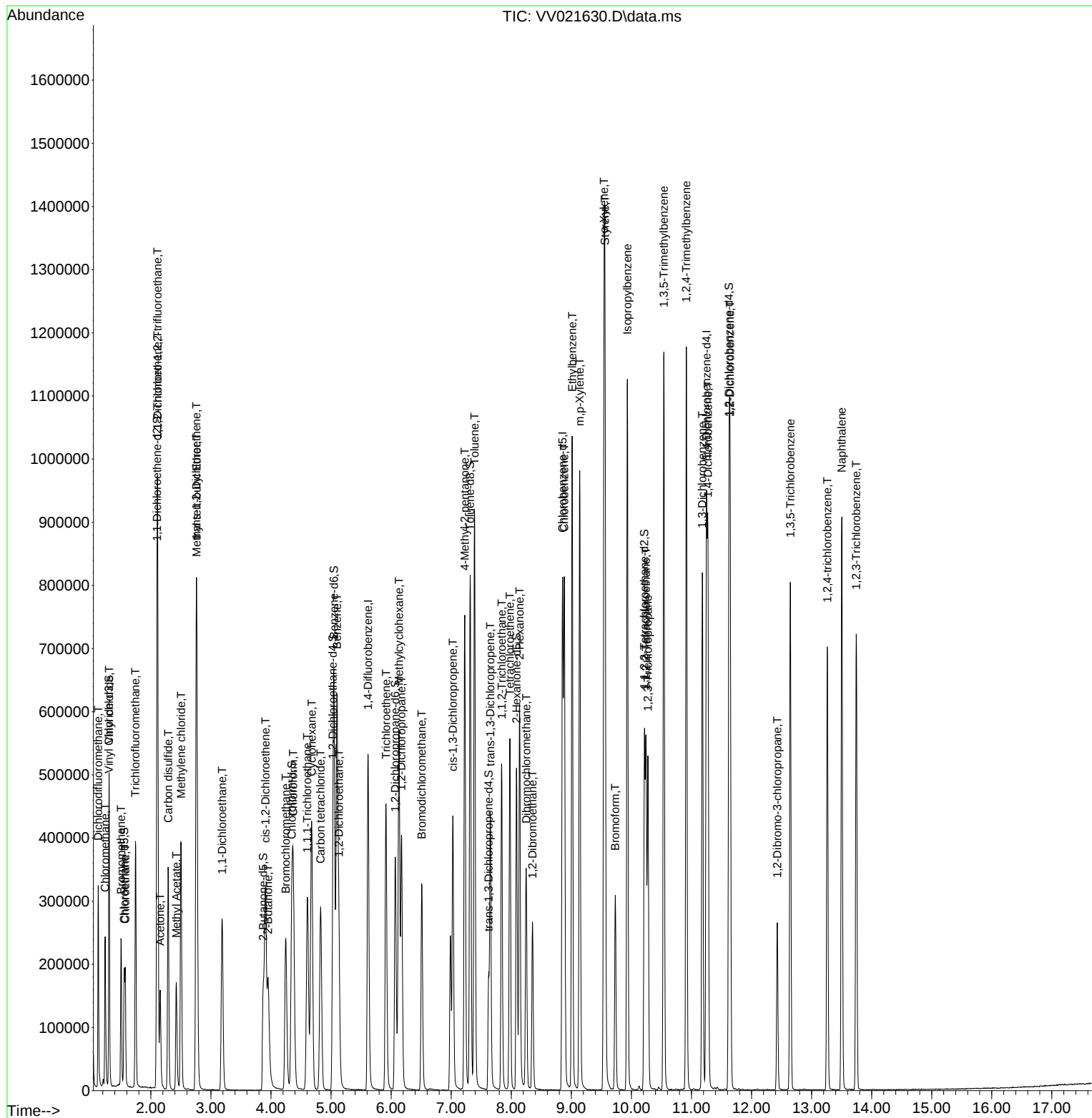
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.130  | 62   | 210314   | 46.869 | ug/L  | 98       |
| 29) Cyclohexane               | 4.677  | 56   | 247160   | 43.860 | ug/L  | 100      |
| 30) 1,1,1-Trichloroethane     | 4.606  | 97   | 256170   | 45.657 | ug/L  | 100      |
| 31) Carbon tetrachloride      | 4.825  | 117  | 221879   | 44.903 | ug/L  | 99       |
| 33) Benzene                   | 5.098  | 78   | 629644   | 46.360 | ug/L  | 100      |
| 34) Trichloroethene           | 5.915  | 95   | 160505   | 43.719 | ug/L  | 97       |
| 35) Methylcyclohexane         | 6.130  | 83   | 251332   | 43.121 | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 6.172  | 63   | 163198   | 46.229 | ug/L  | 100      |
| 38) Bromodichloromethane      | 6.510  | 83   | 218255   | 45.747 | ug/L  | 98       |
| 39) cis-1,3-Dichloropropene   | 7.027  | 75   | 260721   | 44.785 | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 7.227  | 43   | 487687   | 94.109 | ug/L  | 99       |
| 42) Toluene                   | 7.387  | 91   | 680972   | 46.810 | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 7.651  | 75   | 247772   | 45.576 | ug/L  | 98       |
| 45) 1,1,2-Trichloroethane     | 7.841  | 97   | 162889   | 46.968 | ug/L  | 99       |
| 46) Tetrachloroethene         | 7.979  | 164  | 130401   | 44.659 | ug/L  | 99       |
| 48) 2-Hexanone                | 8.140  | 43   | 374489   | 91.425 | ug/L  | 99       |
| 49) Dibromochloromethane      | 8.249  | 129  | 186415   | 46.673 | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 8.355  | 107  | 176654   | 46.457 | ug/L  | 100      |
| 51) Chlorobenzene             | 8.883  | 112  | 435185   | 45.969 | ug/L  | 98       |
| 52) Ethylbenzene              | 9.014  | 91   | 729445   | 46.154 | ug/L  | 99       |
| 53) m,p-Xylene                | 9.140  | 106  | 285398   | 47.056 | ug/L  | 97       |
| 54) o-Xylene                  | 9.545  | 106  | 283670   | 46.881 | ug/L  | 100      |
| 55) Styrene                   | 9.561  | 104  | 484226   | 47.359 | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 10.243 | 83   | 270666   | 50.066 | ug/L  | 99       |
| 59) Bromoform                 | 9.731  | 173  | 140865   | 47.233 | ug/L  | 100      |
| 60) Isopropylbenzene          | 9.934  | 105  | 739245   | 46.710 | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.275 | 75   | 210481   | 46.925 | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 10.542 | 105  | 626384   | 46.439 | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.915 | 105  | 639509   | 46.851 | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.181 | 146  | 344824   | 46.334 | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 11.275 | 146  | 342492   | 46.043 | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.644 | 146  | 351460   | 47.124 | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.429 | 75   | 62431    | 46.950 | ug/L  | 99       |
| 69) 1,3,5-Trichlorobenzene    | 12.648 | 180  | 250538   | 45.048 | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.262 | 180  | 213122   | 44.558 | ug/L  | 99       |
| 71) Naphthalene               | 13.503 | 128  | 706650   | 48.511 | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.744 | 180  | 223046   | 47.215 | ug/L  | 99       |

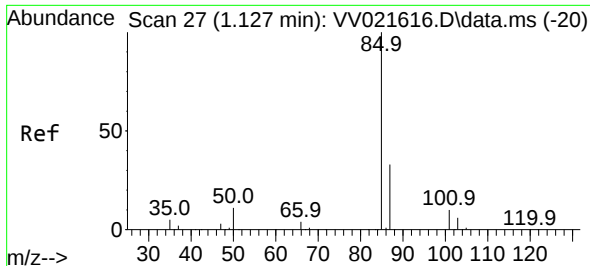
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071221\  
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Sample : VSTDCCC050EC  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :

Quant Time: Jul 13 01:18:19 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062921WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Jul 13 01:14:23 2021  
Response via : Initial Calibration

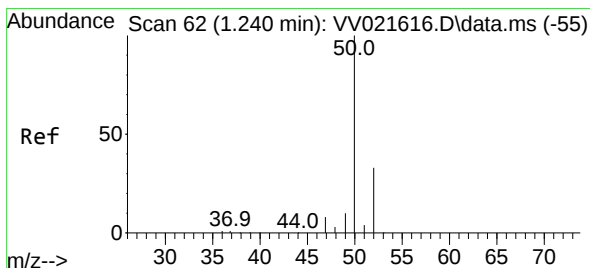
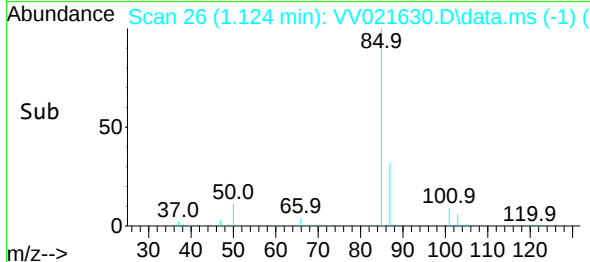
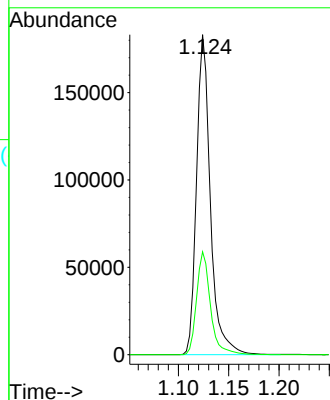
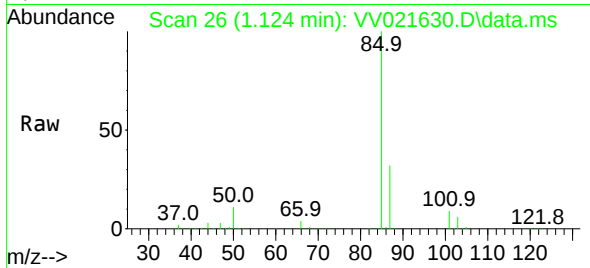




#2  
 Dichlorodifluoromethane  
 Concen: 42.511 ug/L  
 RT: 1.124 min Scan# 26  
 Delta R.T. -0.003 min  
 Lab File: VV021630.D  
 Acq: 12 Jul 2021 16:49

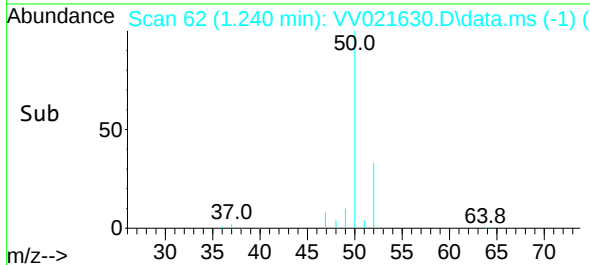
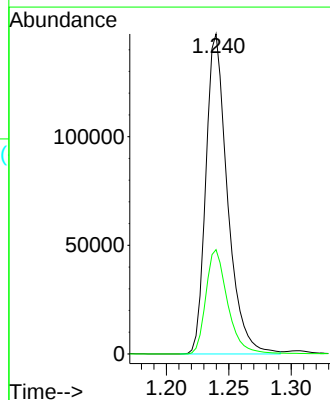
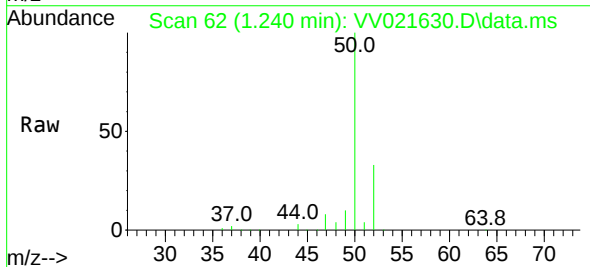
Instrument :  
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 ClientSampleId :

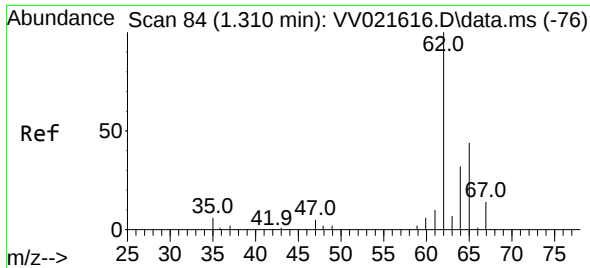
Tgt Ion: 85 Resp: 175315  
 Ion Ratio Lower Upper  
 85 100  
 87 32.2 26.1 39.1



#3  
 Chloromethane  
 Concen: 44.917 ug/L  
 RT: 1.240 min Scan# 62  
 Delta R.T. 0.000 min  
 Lab File: VV021630.D  
 Acq: 12 Jul 2021 16:49

Tgt Ion: 50 Resp: 178334  
 Ion Ratio Lower Upper  
 50 100  
 52 32.6 22.3 41.5

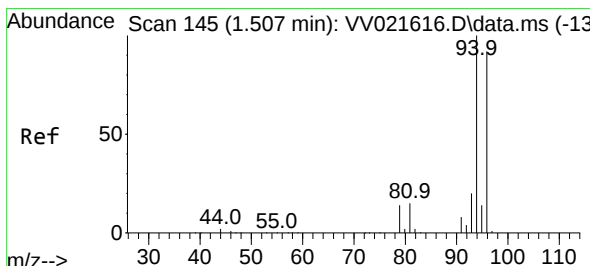
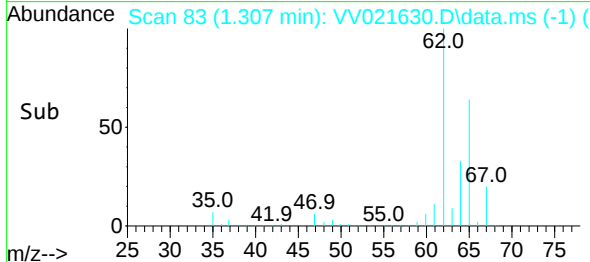
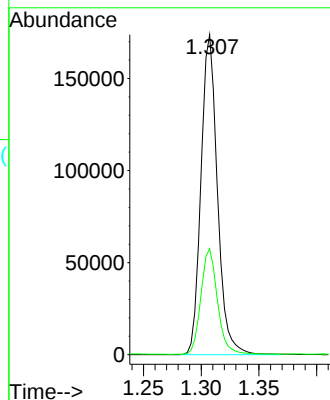
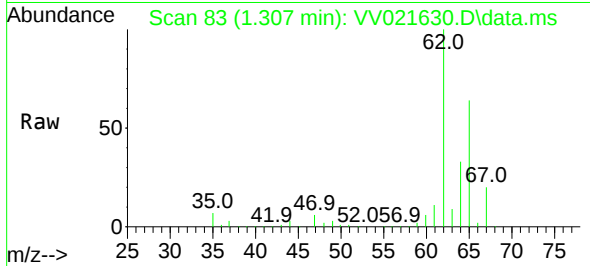




#5  
 Vinyl chloride  
 Concen: 43.720 ug/L  
 RT: 1.307 min Scan# 83  
 Delta R.T. -0.003 min  
 Lab File: VV021630.D  
 Acq: 12 Jul 2021 16:49

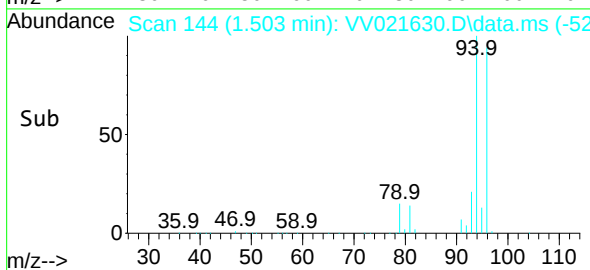
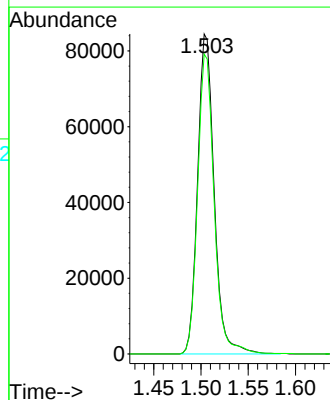
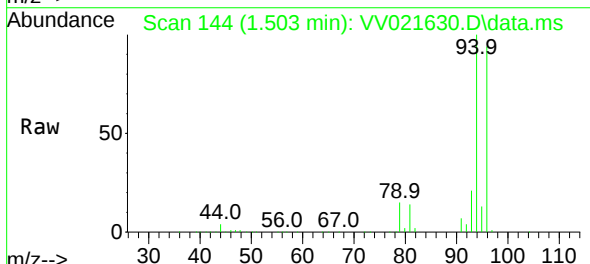
Instrument :  
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 ClientSampleId :

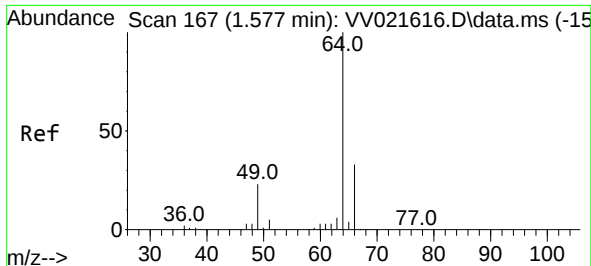
Tgt Ion: 62 Resp: 171844  
 Ion Ratio Lower Upper  
 62 100  
 64 33.1 23.3 43.3



#6  
 Bromomethane  
 Concen: 44.935 ug/L  
 RT: 1.503 min Scan# 144  
 Delta R.T. -0.003 min  
 Lab File: VV021630.D  
 Acq: 12 Jul 2021 16:49

Tgt Ion: 94 Resp: 102924  
 Ion Ratio Lower Upper  
 94 100  
 96 93.7 65.5 121.7

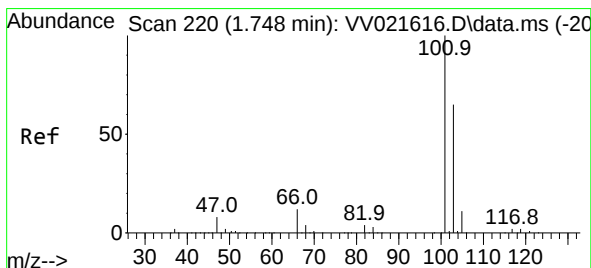
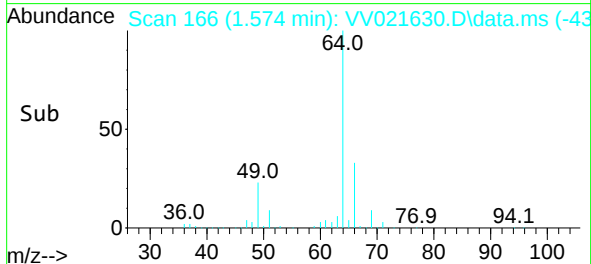
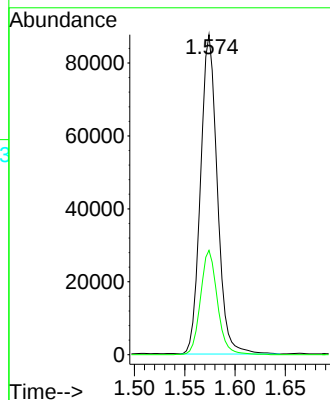
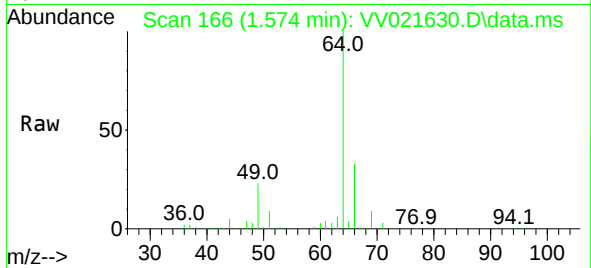




#8  
Chloroethane  
Concen: 44.935 ug/L  
RT: 1.574 min Scan# 166  
Delta R.T. -0.003 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

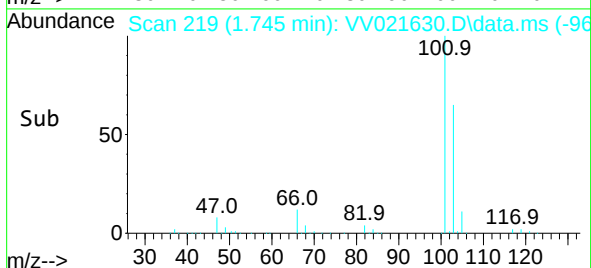
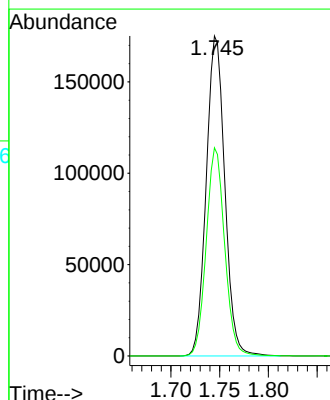
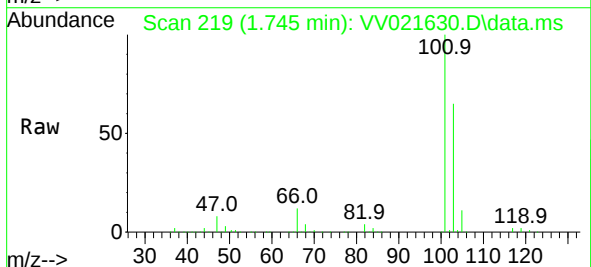
Instrument :  
MSVOA\_V  
ClientSampled :

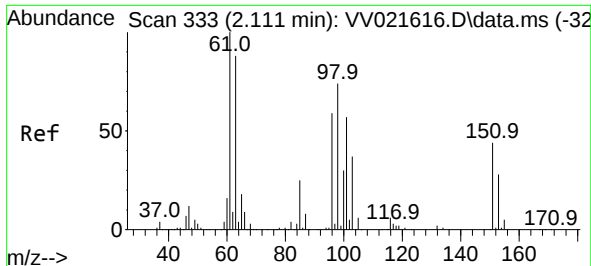
Tgt Ion: 64 Resp: 101542  
Ion Ratio Lower Upper  
64 100  
66 32.6 22.3 41.3



#9  
Trichlorofluoromethane  
Concen: 46.932 ug/L  
RT: 1.745 min Scan# 219  
Delta R.T. -0.003 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

Tgt Ion:101 Resp: 232163  
Ion Ratio Lower Upper  
101 100  
103 64.5 52.4 78.6

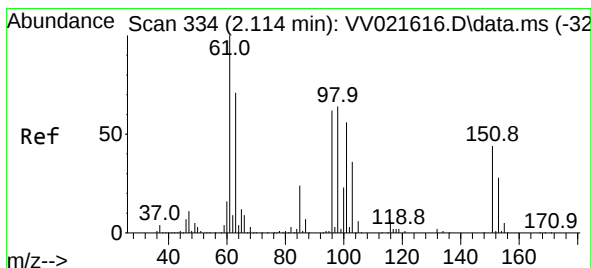
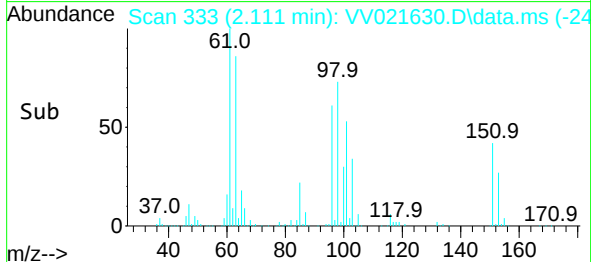
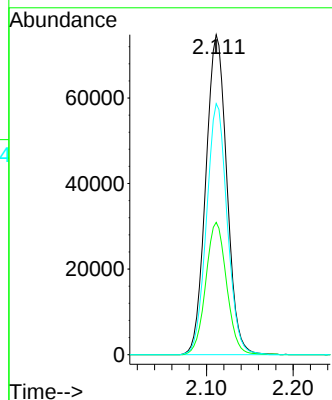
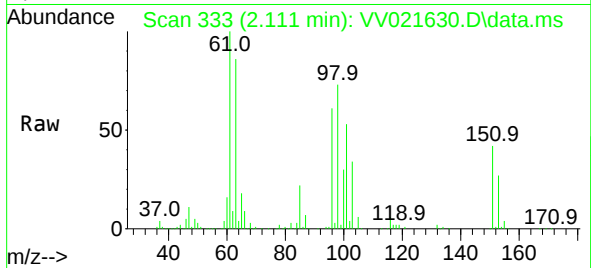




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 44.546 ug/L  
 RT: 2.111 min Scan# 333  
 Delta R.T. 0.000 min  
 Lab File: VV021630.D  
 Acq: 12 Jul 2021 16:49

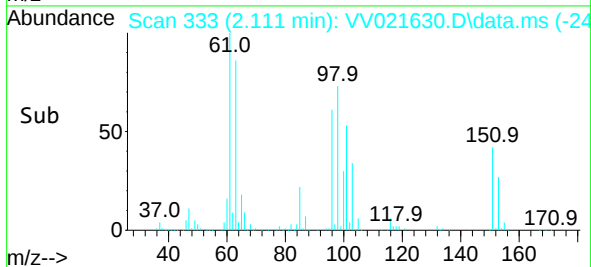
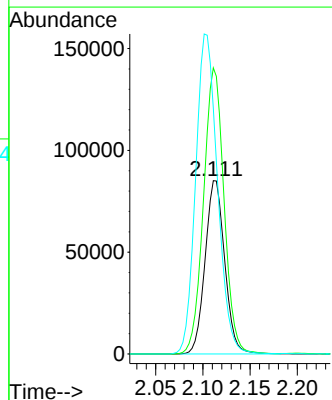
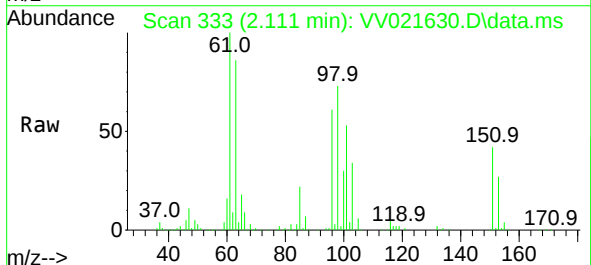
Instrument :  
 MSVOA\_V  
 ClientSampleId :

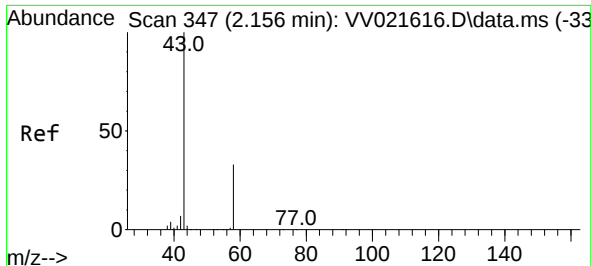
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 85 41.1 33.3 49.9  
 151 77.5 62.8 94.2



#12  
 1,1-Dichloroethene  
 Concen: 45.143 ug/L  
 RT: 2.111 min Scan# 333  
 Delta R.T. -0.003 min  
 Lab File: VV021630.D  
 Acq: 12 Jul 2021 16:49

Tgt Ion: 96 Resp: 122926  
 Ion Ratio Lower Upper  
 96 100  
 61 165.2 112.9 209.7  
 63 141.8 90.8 168.6

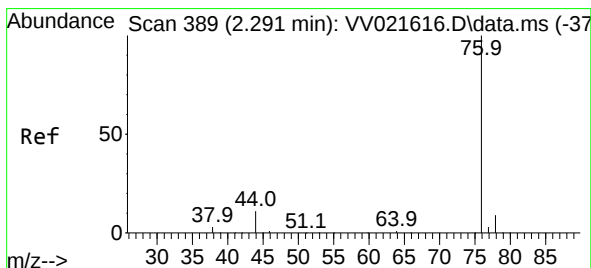
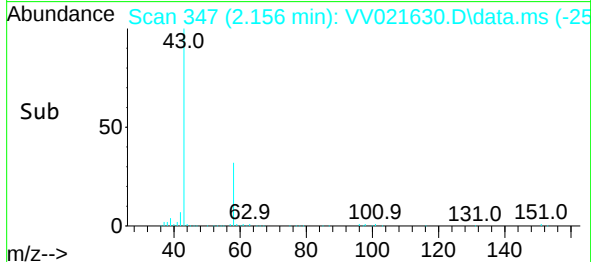
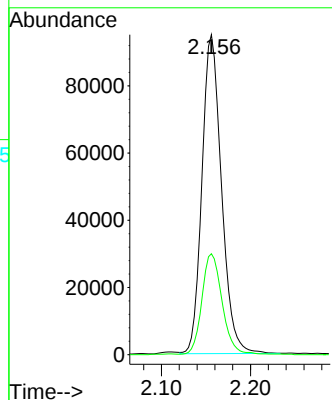
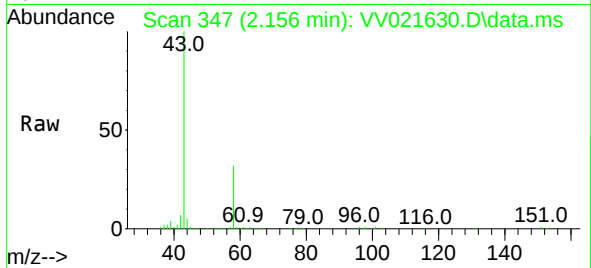




#13  
Acetone  
Concen: 67.796 ug/L  
RT: 2.156 min Scan# 347  
Delta R.T. 0.000 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

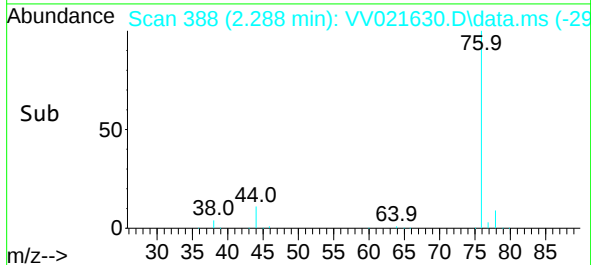
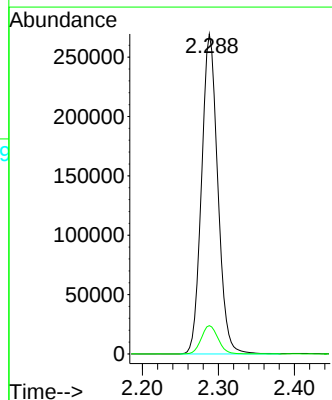
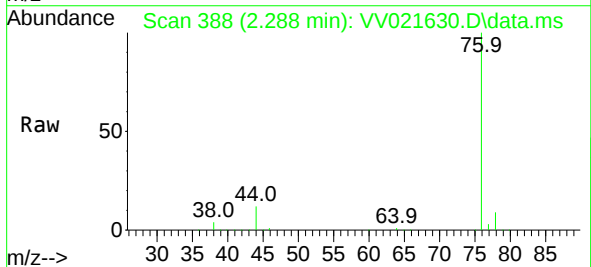
Instrument :  
MSVOA\_V  
ClientSampled :

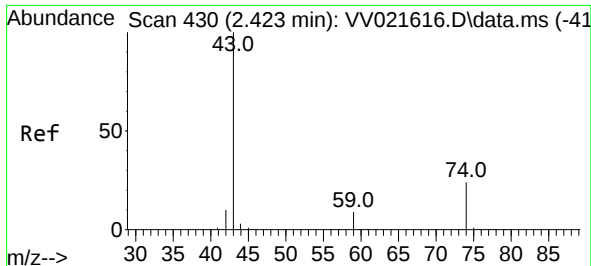
Tgt Ion: 43 Resp: 144405  
Ion Ratio Lower Upper  
43 100  
58 32.5 0.0 0.0#



#14  
Carbon disulfide  
Concen: 41.611 ug/L  
RT: 2.288 min Scan# 388  
Delta R.T. -0.003 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

Tgt Ion: 76 Resp: 399484  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.4 11.0

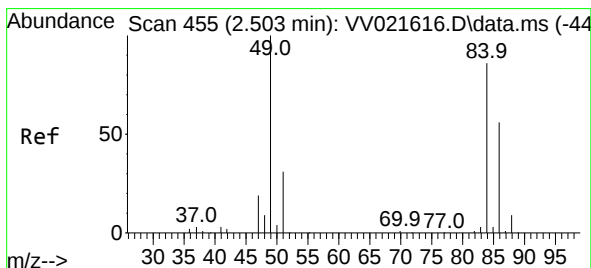
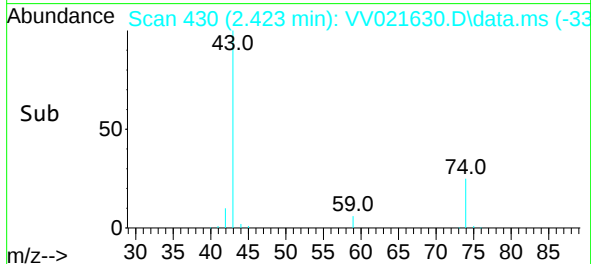
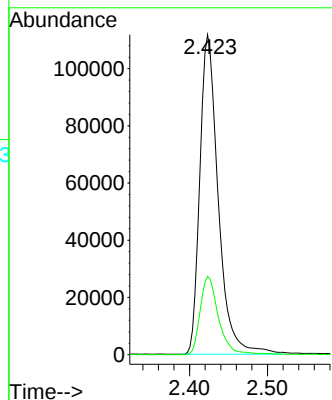
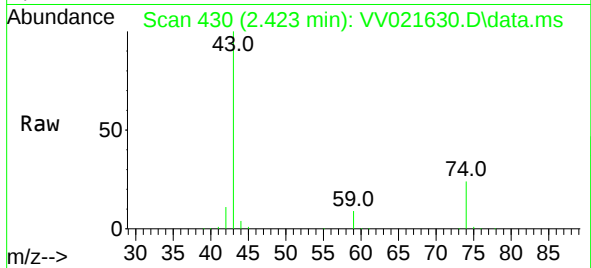




#15  
Methyl Acetate  
Concen: 46.396 ug/L  
RT: 2.423 min Scan# 430  
Delta R.T. 0.000 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

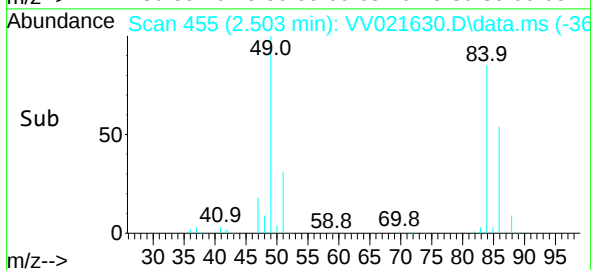
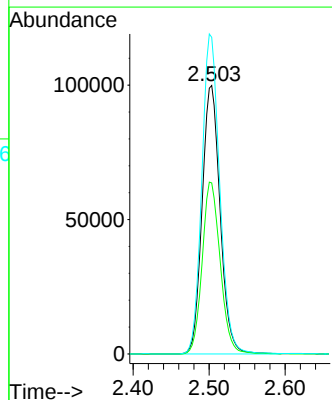
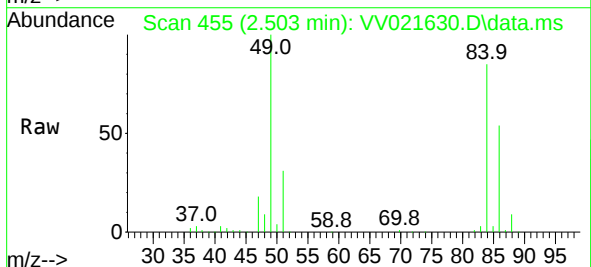
Instrument :  
MSVOA\_V  
ClientSampled :

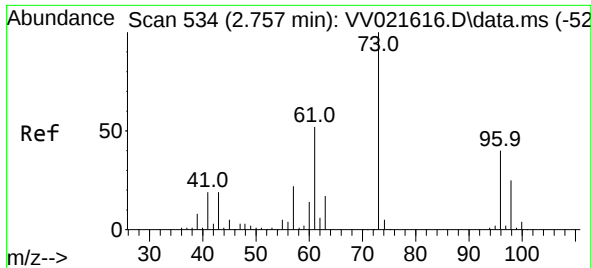
Tgt Ion: 43 Resp: 183640  
Ion Ratio Lower Upper  
43 100  
74 24.1 19.0 28.6



#16  
Methylene chloride  
Concen: 44.584 ug/L  
RT: 2.503 min Scan# 455  
Delta R.T. 0.000 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

Tgt Ion: 84 Resp: 164807  
Ion Ratio Lower Upper  
84 100  
86 63.7 45.1 83.9  
49 118.0 82.5 153.3

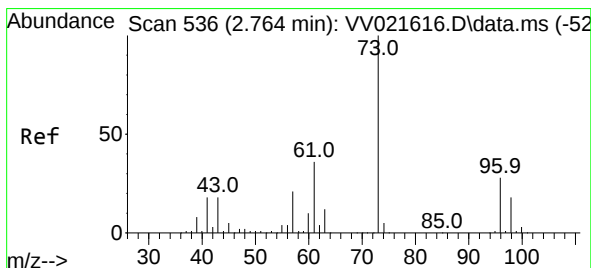
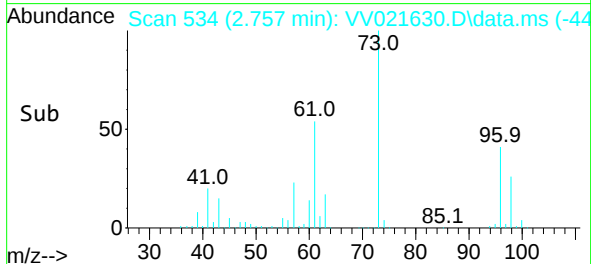
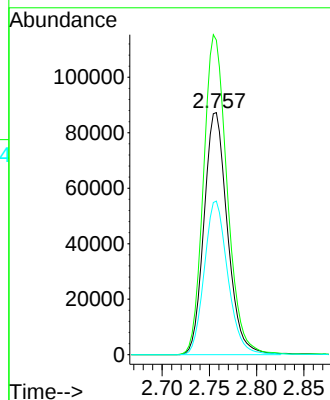
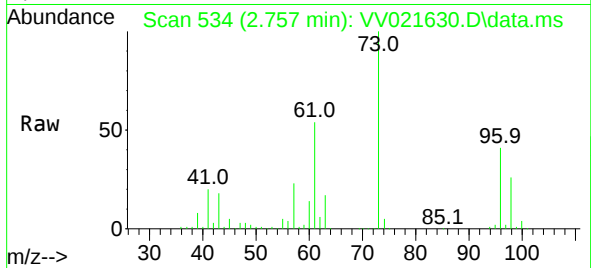




#17  
trans-1,2-Dichloroethene  
Concen: 45.297 ug/L  
RT: 2.757 min Scan# 534  
Delta R.T. 0.000 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

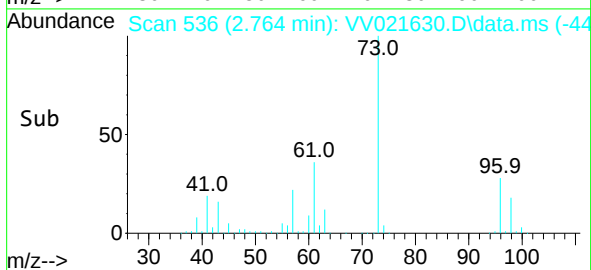
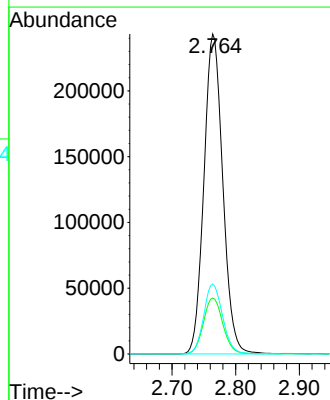
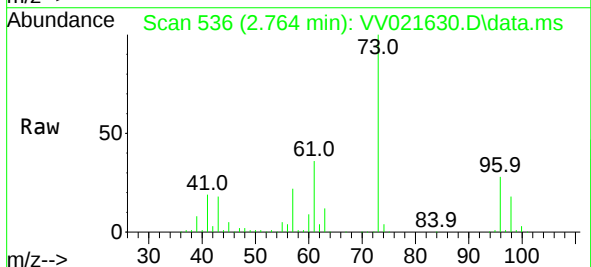
Instrument :  
MSVOA\_V  
ClientSampleId :

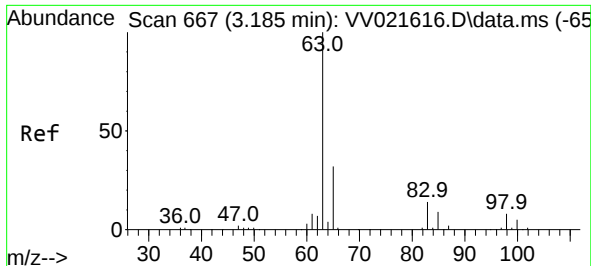
Tgt Ion: 96 Resp: 150481  
Ion Ratio Lower Upper  
96 100  
61 130.0 93.0 172.6  
98 63.5 44.2 82.0



#18  
Methyl tert-butyl Ether  
Concen: 46.549 ug/L  
RT: 2.764 min Scan# 536  
Delta R.T. 0.000 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

Tgt Ion: 73 Resp: 500844  
Ion Ratio Lower Upper  
73 100  
43 17.8 14.6 22.0  
57 21.9 17.4 26.2





#19

1,1-Dichloroethane

Concen: 45.810 ug/L

RT: 3.185 min Scan# 667

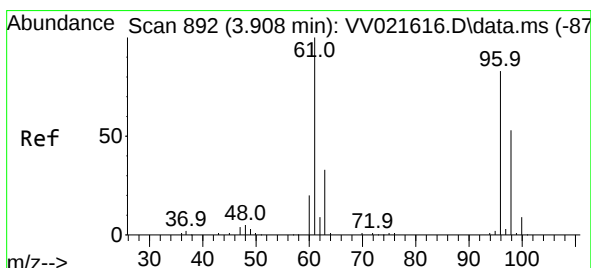
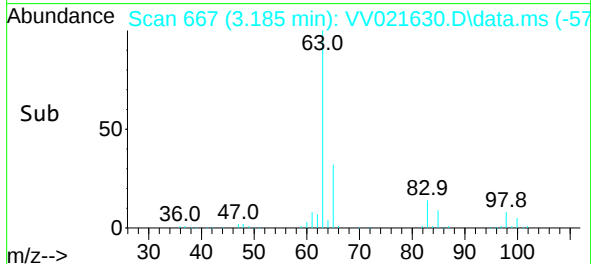
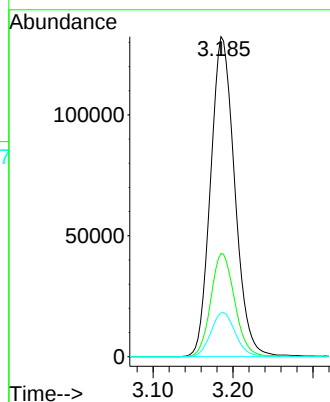
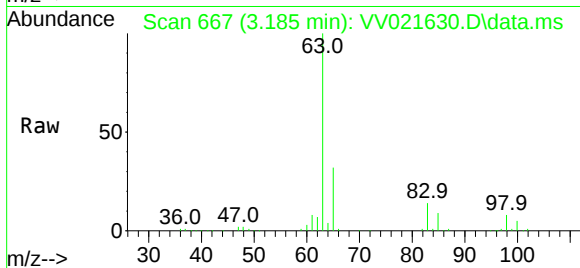
Delta R.T. 0.000 min

Lab File: VV021630.D

Acq: 12 Jul 2021 16:49

Tgt Ion: 63 Resp: 277213

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 65  | 32.3  | 22.4  | 41.6  |
| 83  | 13.6  | 9.4   | 17.6  |



#20

cis-1,2-Dichloroethene

Concen: 46.151 ug/L

RT: 3.908 min Scan# 892

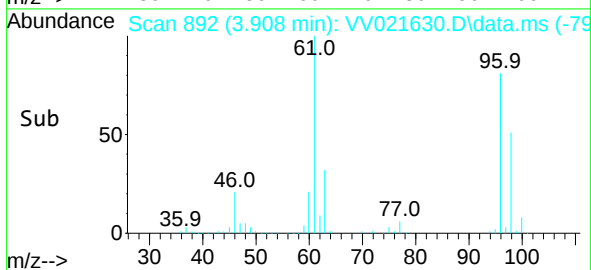
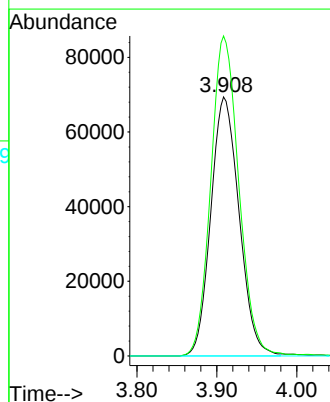
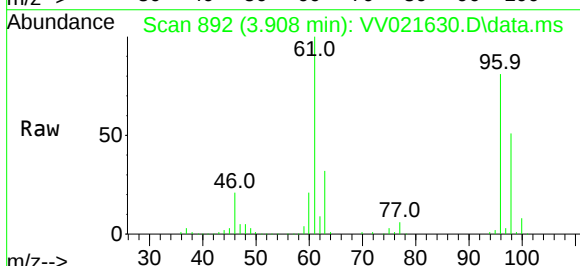
Delta R.T. 0.000 min

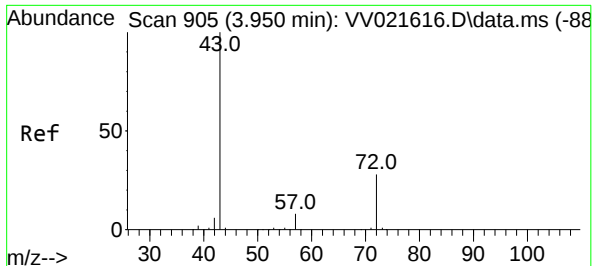
Lab File: VV021630.D

Acq: 12 Jul 2021 16:49

Tgt Ion: 96 Resp: 170487

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 123.5 | 86.9  | 161.3 |
| 68  | 0.0   | 0.0   | 0.0   |

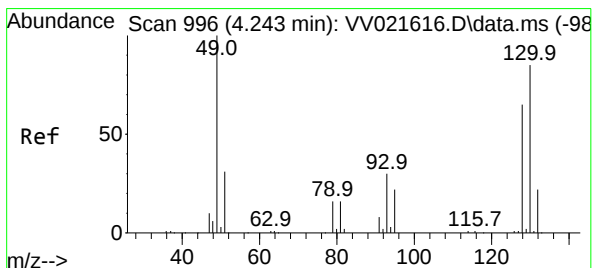
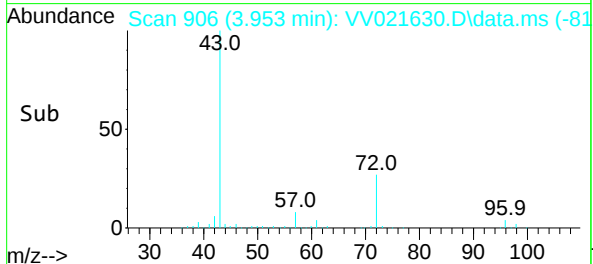
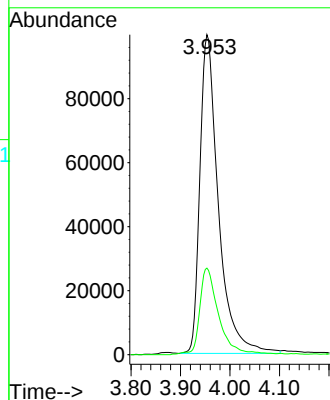
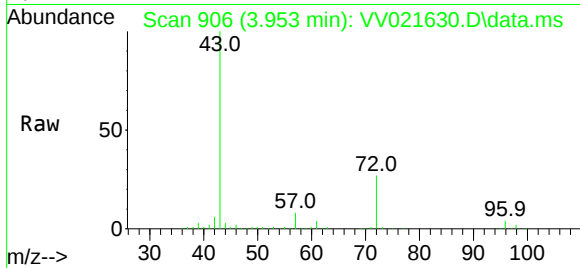




#22  
2-Butanone  
Concen: 88.135 ug/L  
RT: 3.953 min Scan# 906  
Delta R.T. 0.003 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

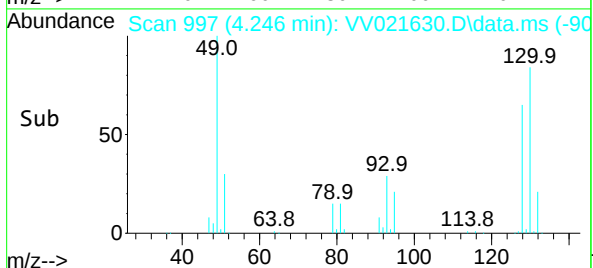
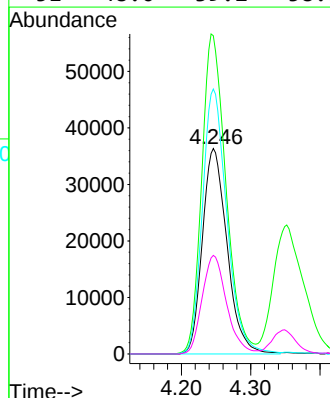
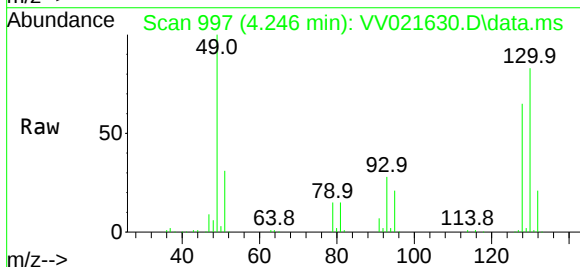
Instrument :  
MSVOA\_V  
ClientSampled :

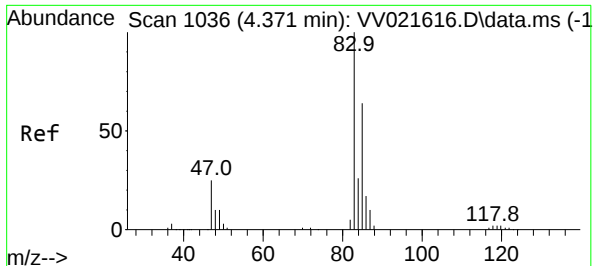
Tgt Ion: 43 Resp: 259263  
Ion Ratio Lower Upper  
43 100  
72 25.4 13.3 39.8



#23  
Bromochloromethane  
Concen: 46.098 ug/L  
RT: 4.246 min Scan# 997  
Delta R.T. 0.003 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

Tgt Ion: 128 Resp: 89885  
Ion Ratio Lower Upper  
128 100  
49 154.9 107.5 199.7  
130 129.0 92.2 171.2  
51 48.0 39.2 58.8





#25

Chloroform

Concen: 46.779 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV021630.D

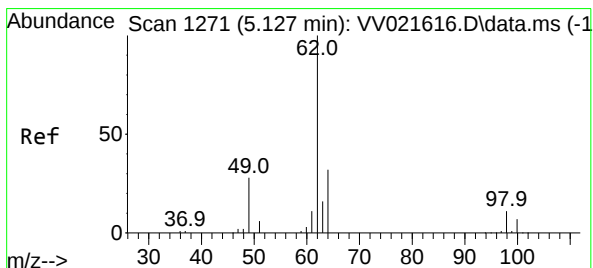
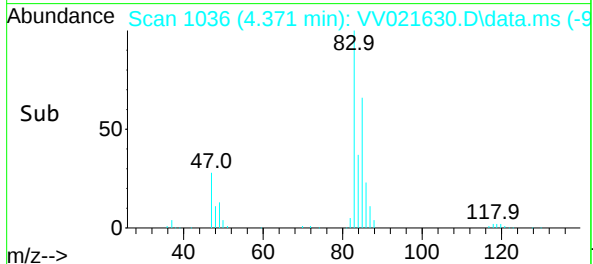
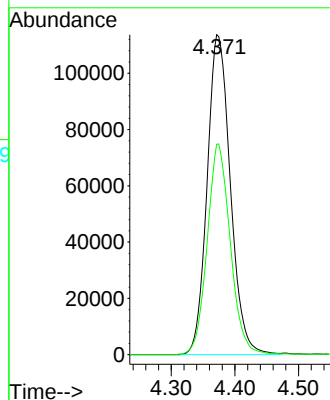
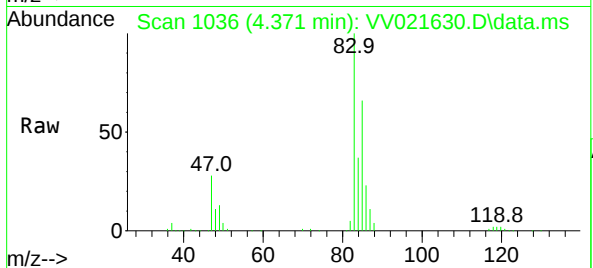
Acq: 12 Jul 2021 16:49

Tgt Ion: 83 Resp: 288602

Ion Ratio Lower Upper

83 100

85 65.7 45.1 83.7



#27

1,2-Dichloroethane

Concen: 46.869 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV021630.D

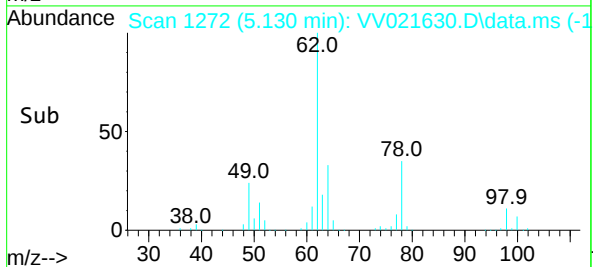
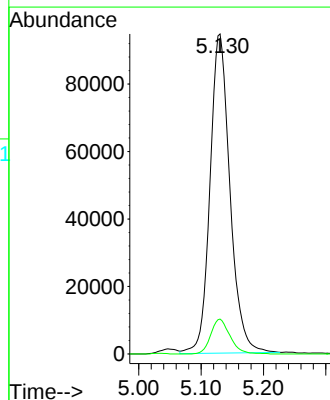
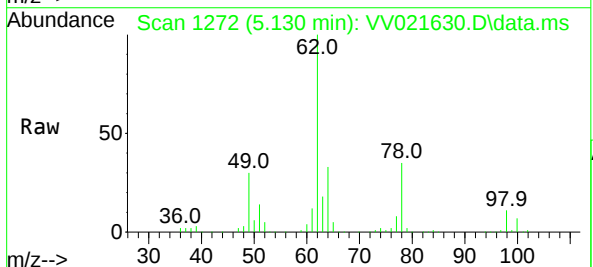
Acq: 12 Jul 2021 16:49

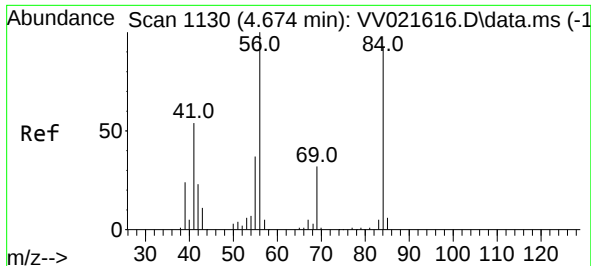
Tgt Ion: 62 Resp: 210314

Ion Ratio Lower Upper

62 100

98 10.9 8.2 12.4





#29

Cyclohexane

Concen: 43.860 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

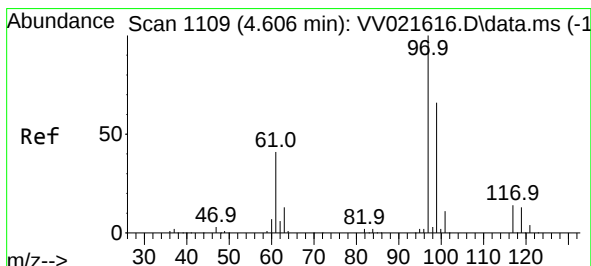
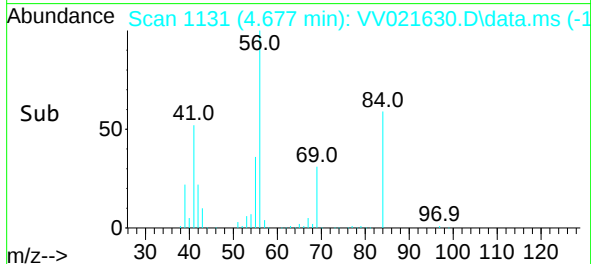
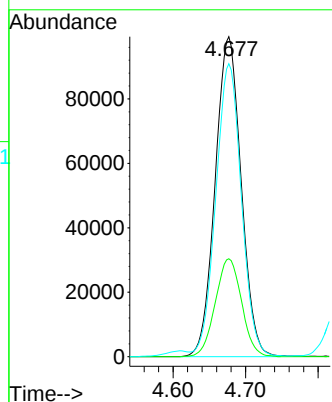
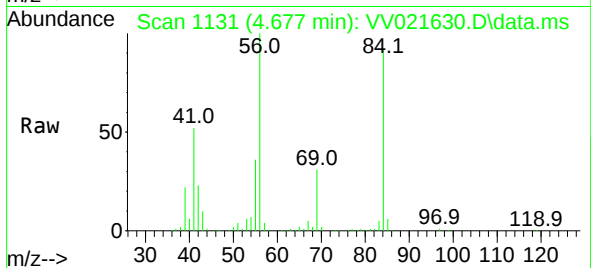
Lab File: VV021630.D

Acq: 12 Jul 2021 16:49

Tgt Ion: 56 Resp: 247160

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 31.0  | 24.9  | 37.3  |
| 84  | 90.0  | 71.6  | 107.4 |

Instrument :  
MSVOA\_V  
ClientSampled :



#30

1,1,1-Trichloroethane

Concen: 45.657 ug/L

RT: 4.606 min Scan# 1109

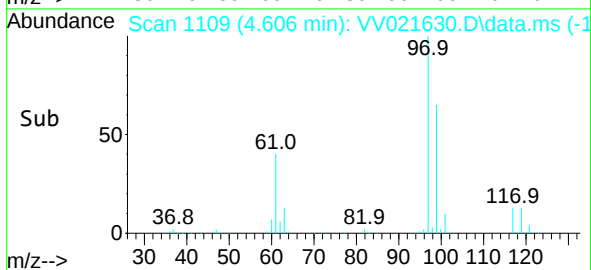
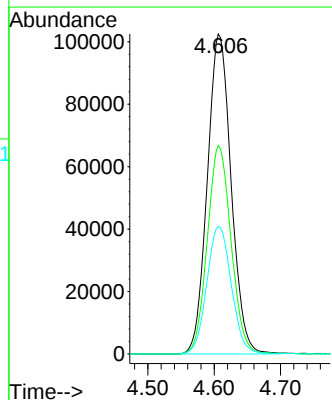
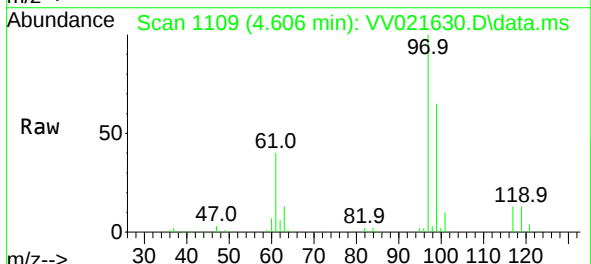
Delta R.T. 0.000 min

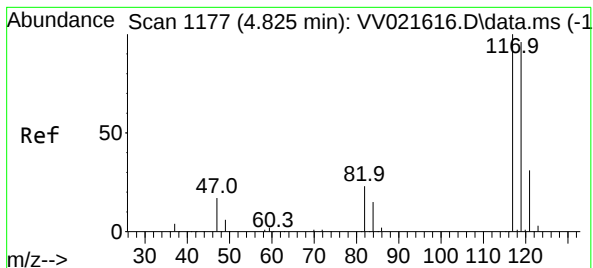
Lab File: VV021630.D

Acq: 12 Jul 2021 16:49

Tgt Ion: 97 Resp: 256170

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.9  | 52.1  | 78.1  |
| 61  | 41.0  | 32.6  | 49.0  |

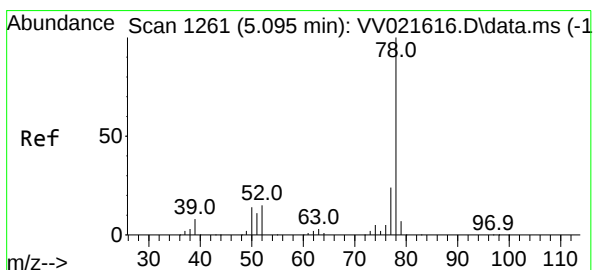
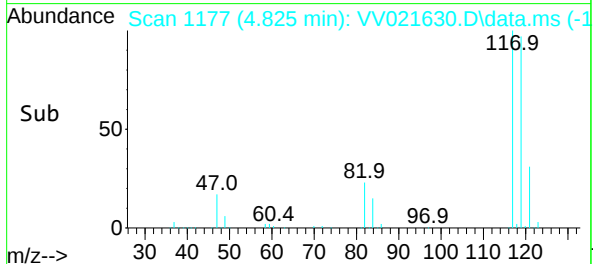
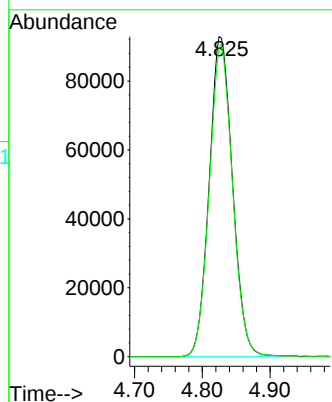
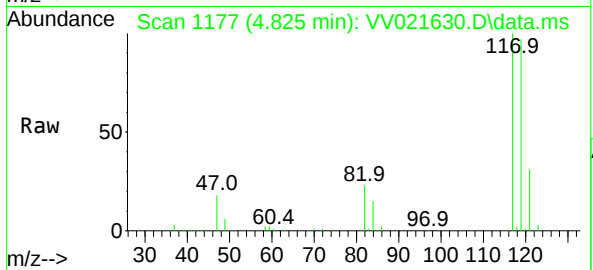




#31  
Carbon tetrachloride  
Concen: 44.903 ug/L  
RT: 4.825 min Scan# 1177  
Delta R.T. 0.000 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

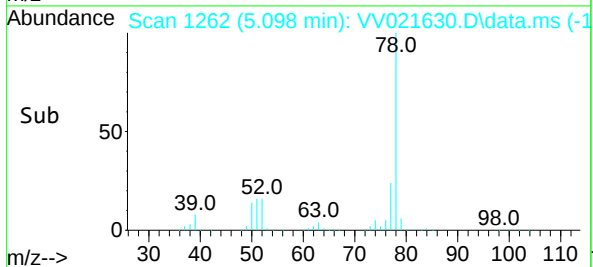
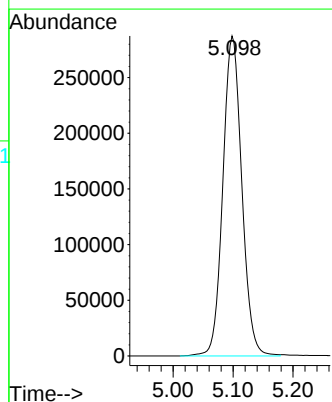
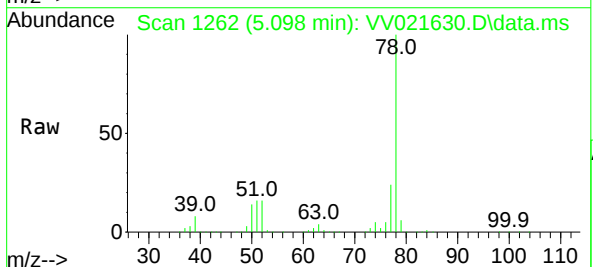
Instrument :  
MSVOA\_V  
ClientSampled :

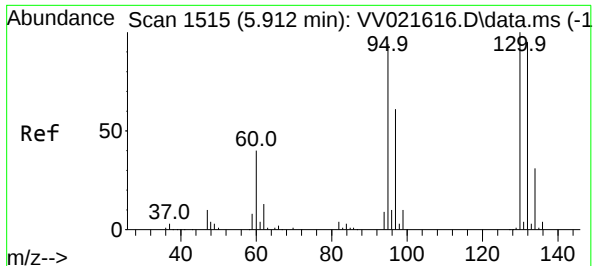
Tgt Ion:117 Resp: 221879  
Ion Ratio Lower Upper  
117 100  
119 97.0 76.5 114.7



#33  
Benzene  
Concen: 46.360 ug/L  
RT: 5.098 min Scan# 1262  
Delta R.T. 0.003 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

Tgt Ion: 78 Resp: 629644

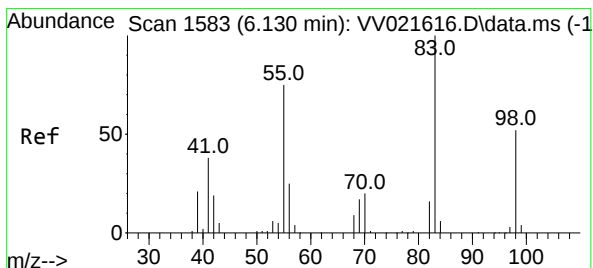
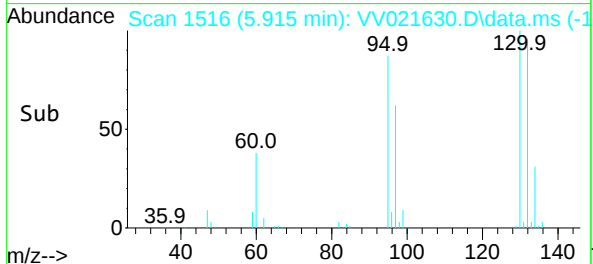
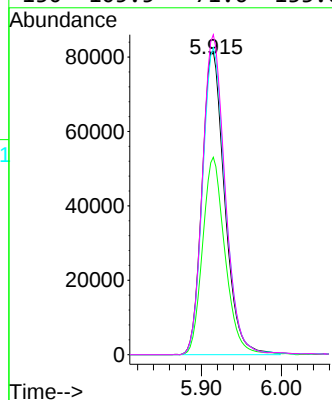
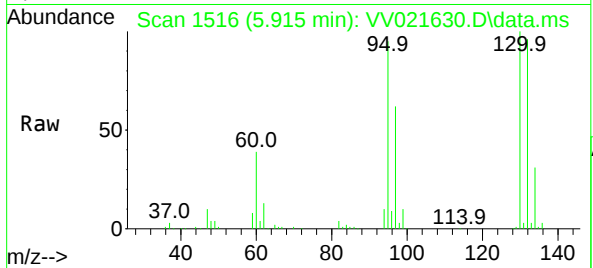




#34  
Trichloroethene  
Concen: 43.719 ug/L  
RT: 5.915 min Scan# 1516  
Delta R.T. 0.003 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

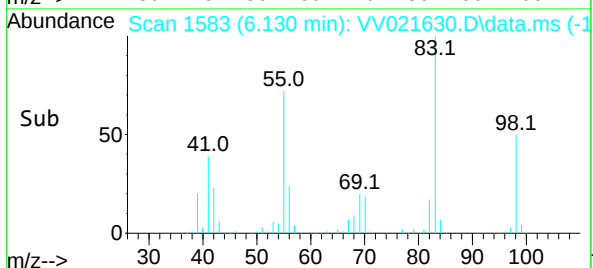
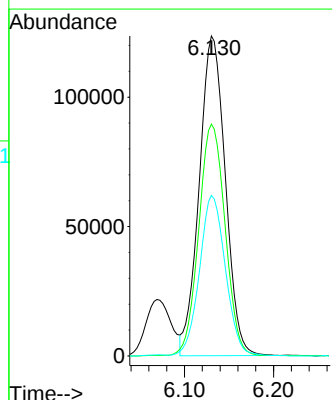
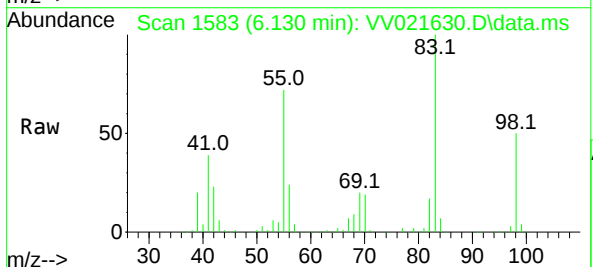
Instrument :  
MSVOA\_V  
ClientSampled :

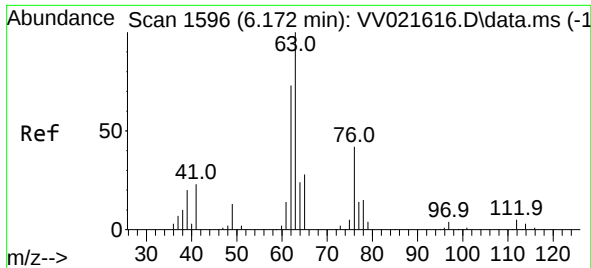
Tgt Ion: 95 Resp: 160505  
Ion Ratio Lower Upper  
95 100  
97 65.1 44.6 82.8  
132 101.1 69.0 128.1  
130 105.5 71.6 133.0



#35  
Methylcyclohexane  
Concen: 43.121 ug/L  
RT: 6.130 min Scan# 1583  
Delta R.T. 0.000 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

Tgt Ion: 83 Resp: 251332  
Ion Ratio Lower Upper  
83 100  
55 72.9 58.7 88.1  
98 50.1 39.7 59.5

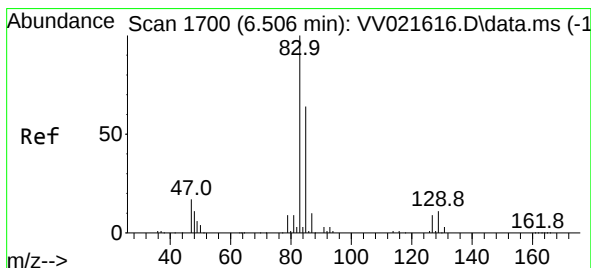
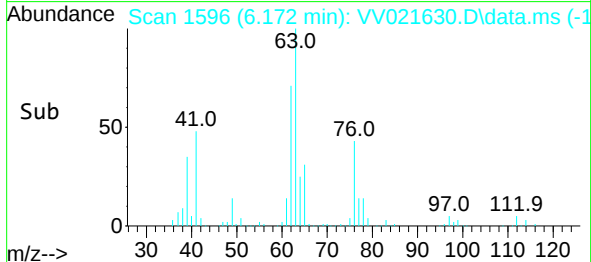
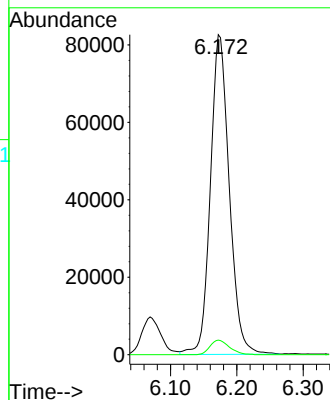
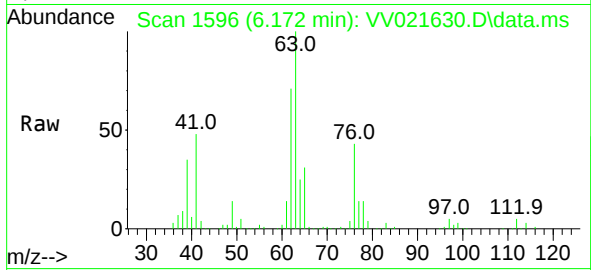




#37  
1,2-Dichloropropane  
Concen: 46.229 ug/L  
RT: 6.172 min Scan# 1596  
Delta R.T. 0.000 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

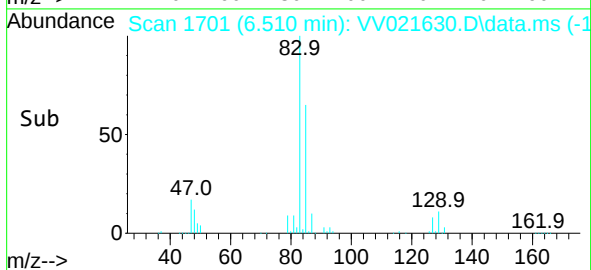
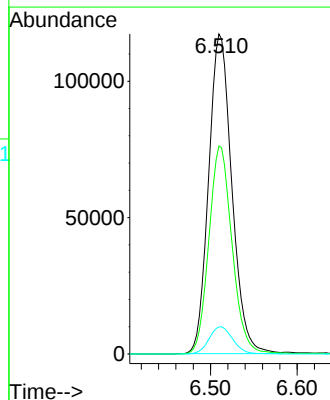
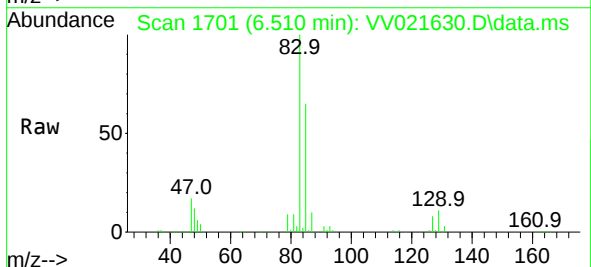
Instrument :  
MSVOA\_V  
ClientSampled :

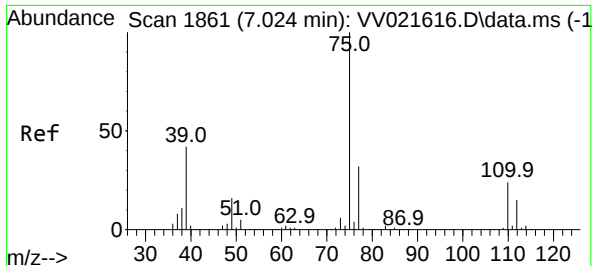
Tgt Ion: 63 Resp: 163198  
Ion Ratio Lower Upper  
63 100  
112 4.7 3.8 5.6



#38  
Bromodichloromethane  
Concen: 45.747 ug/L  
RT: 6.510 min Scan# 1701  
Delta R.T. 0.003 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

Tgt Ion: 83 Resp: 218255  
Ion Ratio Lower Upper  
83 100  
85 65.0 46.3 86.1  
127 8.5 7.3 10.9

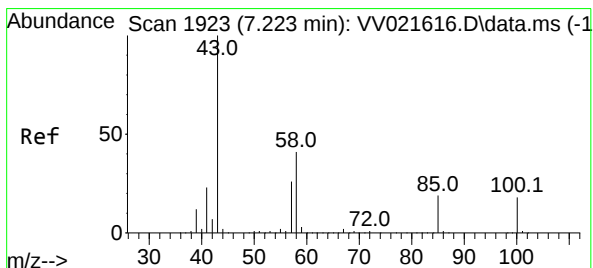
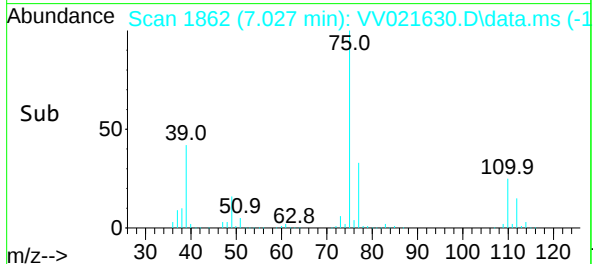
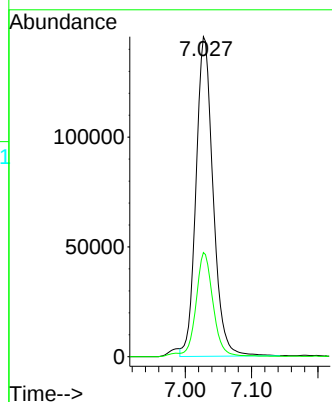
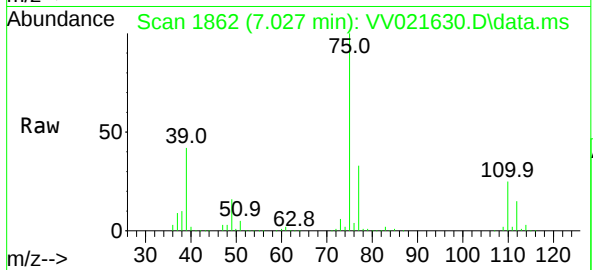




#39  
 cis-1,3-Dichloropropene  
 Concen: 44.785 ug/L  
 RT: 7.027 min Scan# 1862  
 Delta R.T. 0.003 min  
 Lab File: VV021630.D  
 Acq: 12 Jul 2021 16:49

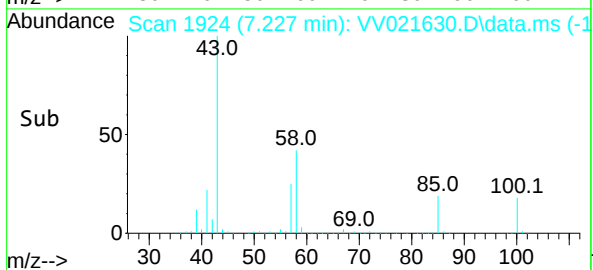
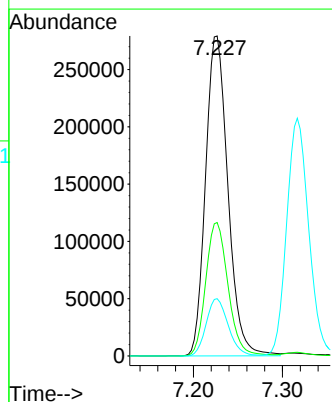
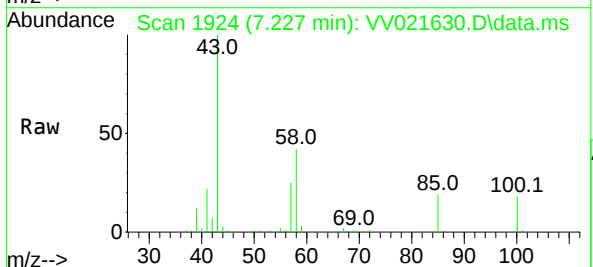
Instrument :  
 MSVOA\_V  
 ClientSampled :

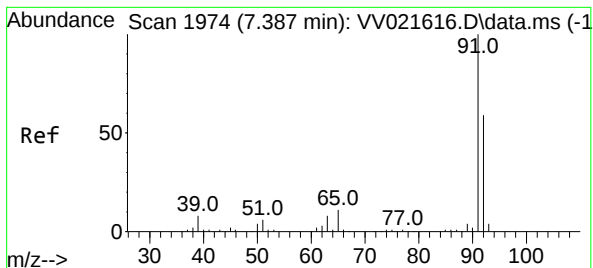
Tgt Ion: 75 Resp: 260721  
 Ion Ratio Lower Upper  
 75 100  
 77 32.6 22.5 41.7



#40  
 4-Methyl-2-pentanone  
 Concen: 94.109 ug/L  
 RT: 7.227 min Scan# 1924  
 Delta R.T. 0.003 min  
 Lab File: VV021630.D  
 Acq: 12 Jul 2021 16:49

Tgt Ion: 43 Resp: 487687  
 Ion Ratio Lower Upper  
 43 100  
 58 41.6 32.8 49.2  
 100 17.7 13.5 20.3





#42

Toluene

Concen: 46.810 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV021630.D

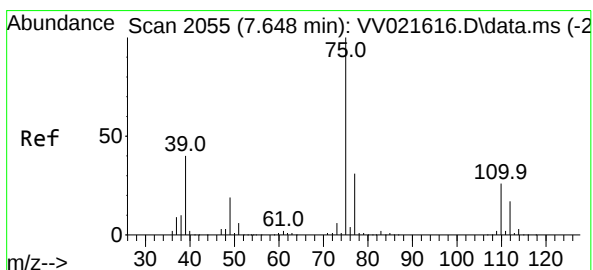
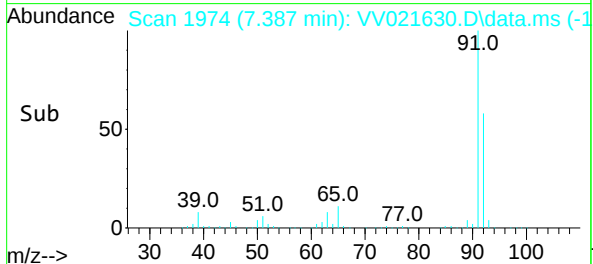
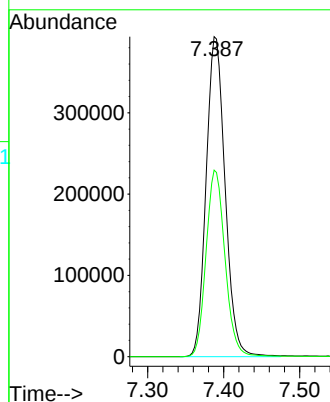
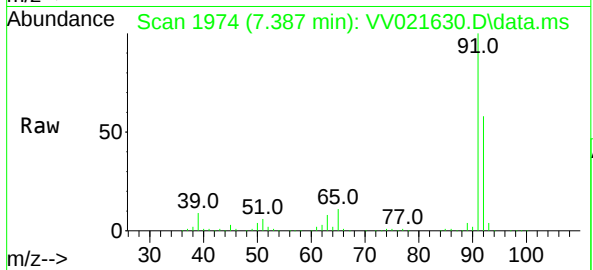
Acq: 12 Jul 2021 16:49

Tgt Ion: 91 Resp: 680972

Ion Ratio Lower Upper

91 100

92 58.3 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 45.576 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV021630.D

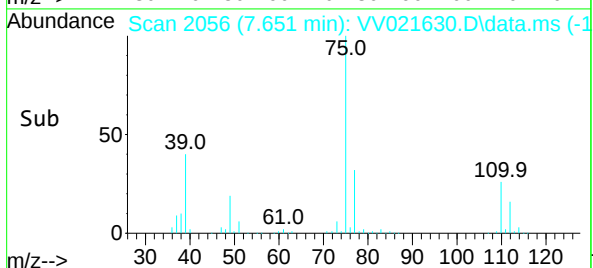
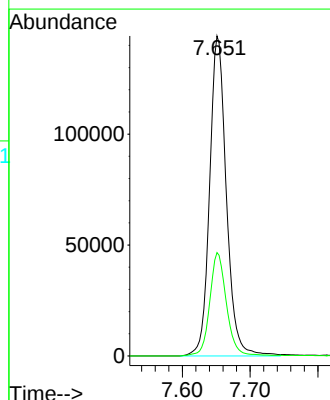
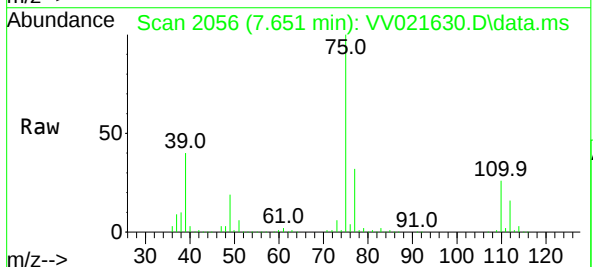
Acq: 12 Jul 2021 16:49

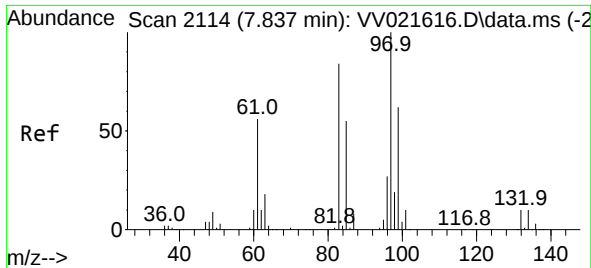
Tgt Ion: 75 Resp: 247772

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.4



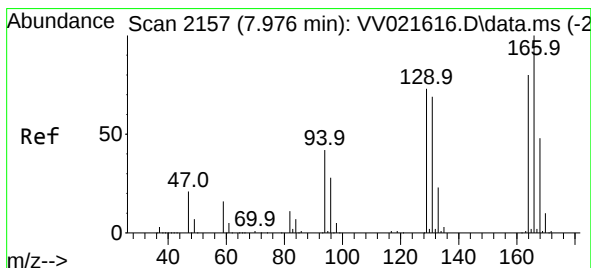
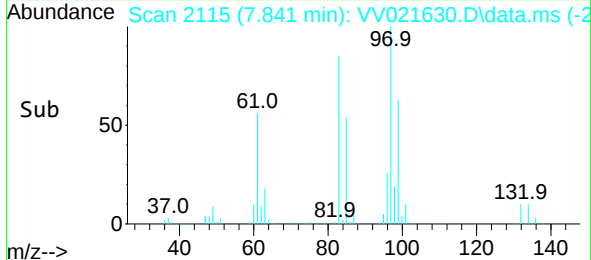
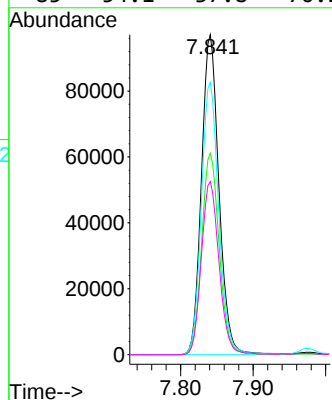
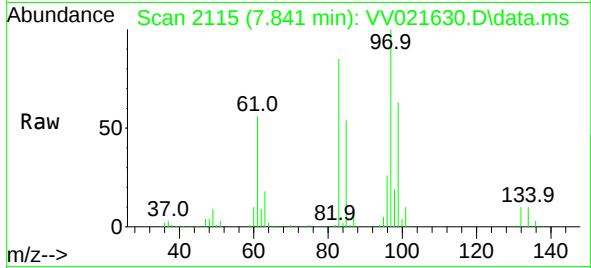


#45  
1,1,2-Trichloroethane  
Concen: 46.968 ug/L  
RT: 7.841 min Scan# 2115  
Delta R.T. 0.003 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion: 97 Resp: 162889

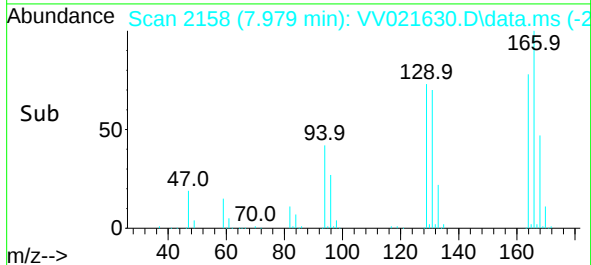
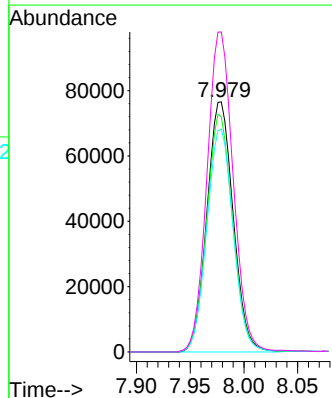
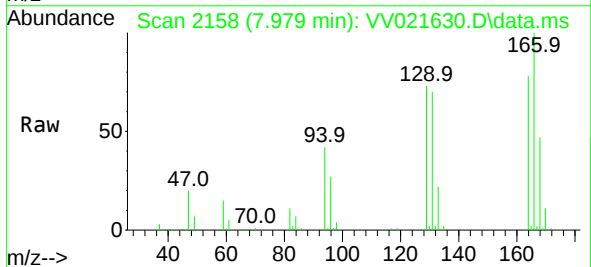
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 62.9  | 44.4  | 82.4  |
| 83  | 85.1  | 58.8  | 109.2 |
| 85  | 54.1  | 37.8  | 70.2  |

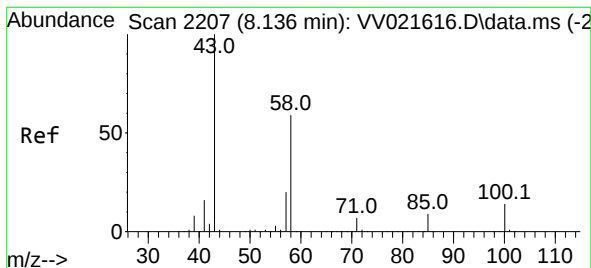


#46  
Tetrachloroethene  
Concen: 44.659 ug/L  
RT: 7.979 min Scan# 2158  
Delta R.T. 0.003 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

Tgt Ion: 164 Resp: 130401

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 94.0  | 65.9  | 122.3 |
| 131 | 89.2  | 64.0  | 119.0 |
| 166 | 127.9 | 89.0  | 165.2 |



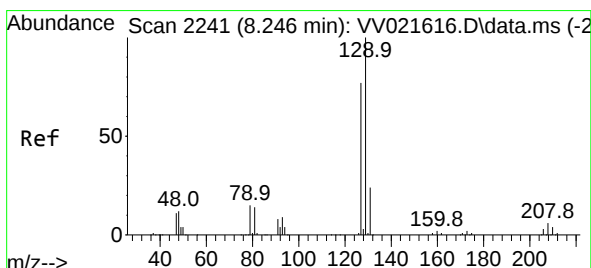
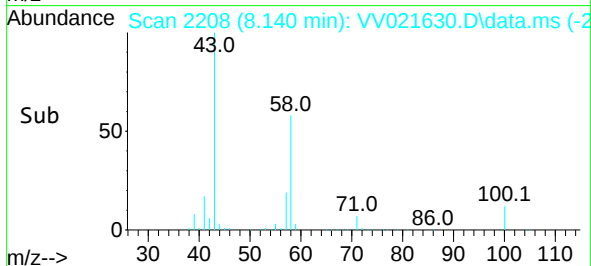
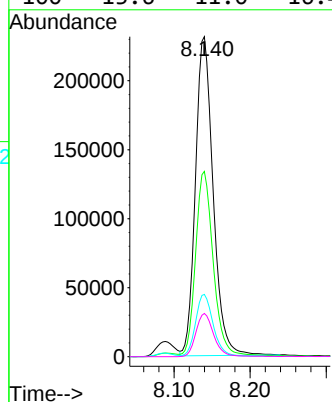
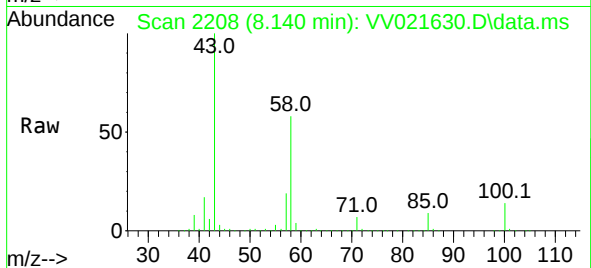


#48  
2-Hexanone  
Concen: 91.425 ug/L  
RT: 8.140 min Scan# 2208  
Delta R.T. 0.003 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

Instrument :  
MSVOA\_V  
ClientSampled :

Tgt Ion: 43 Resp: 374489

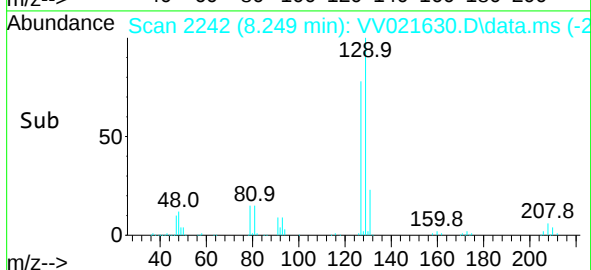
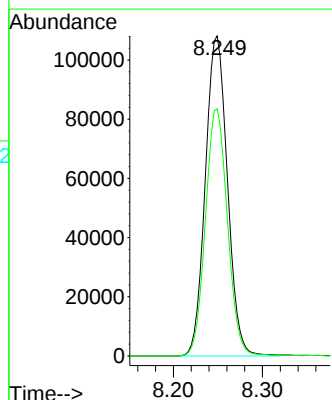
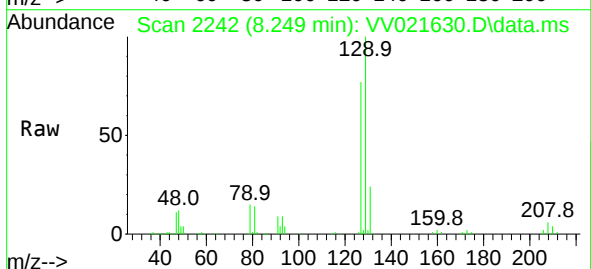
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 57.6  | 46.7  | 70.1  |
| 57  | 19.2  | 15.5  | 23.3  |
| 100 | 13.6  | 11.0  | 16.4  |

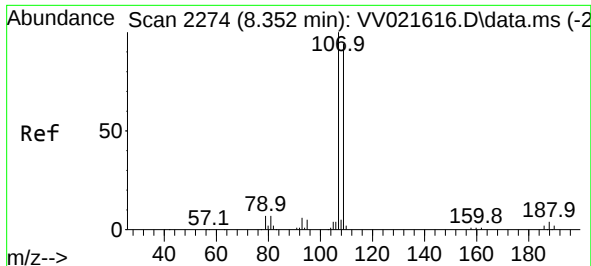


#49  
Dibromochloromethane  
Concen: 46.673 ug/L  
RT: 8.249 min Scan# 2242  
Delta R.T. 0.003 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

Tgt Ion: 129 Resp: 186415

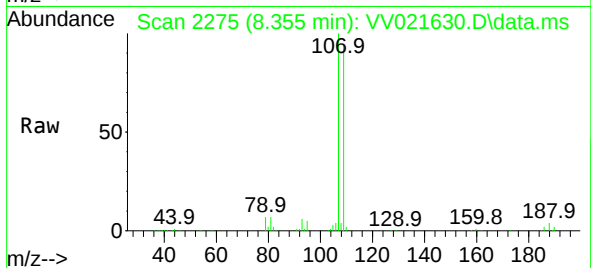
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 129 | 100   |       |       |
| 127 | 77.3  | 53.1  | 98.7  |



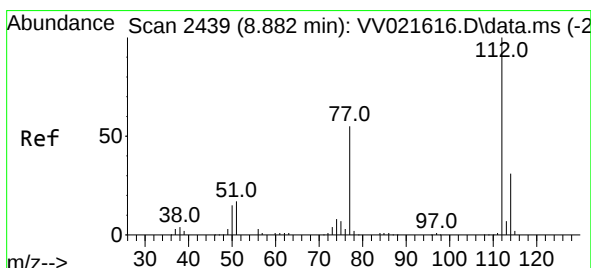
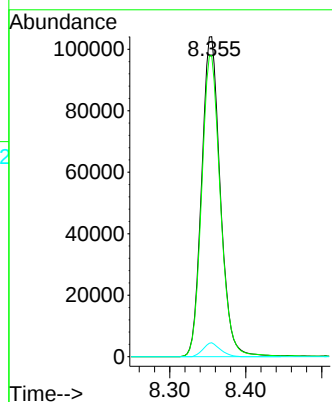
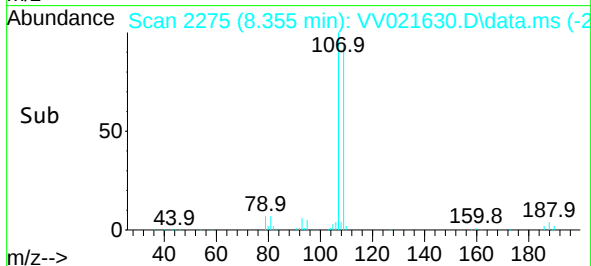


#50  
1,2-Dibromoethane  
Concen: 46.457 ug/L  
RT: 8.355 min Scan# 2275  
Delta R.T. 0.003 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

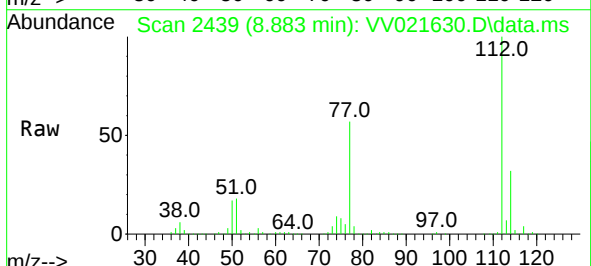
Instrument :  
MSVOA\_V  
ClientSampleId :



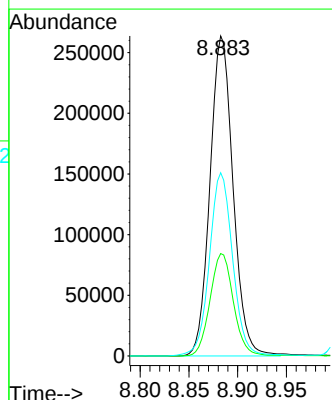
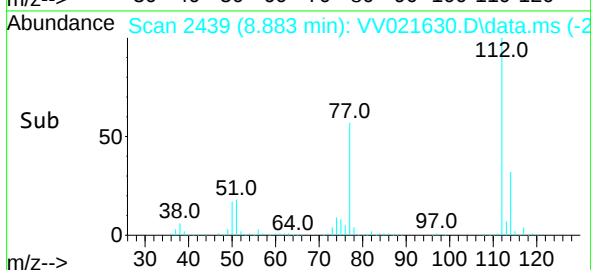
Tgt Ion:107 Resp: 176654  
Ion Ratio Lower Upper  
107 100  
109 94.1 65.8 122.2  
188 4.3 3.1 4.7

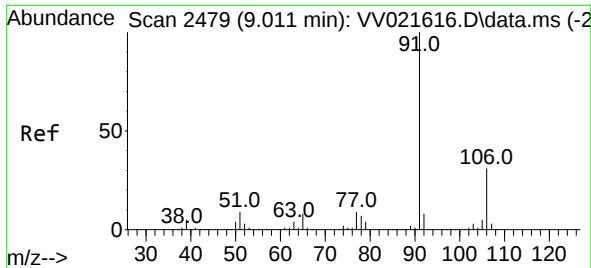


#51  
Chlorobenzene  
Concen: 45.969 ug/L  
RT: 8.883 min Scan# 2439  
Delta R.T. 0.000 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49



Tgt Ion:112 Resp: 435185  
Ion Ratio Lower Upper  
112 100  
114 32.0 21.9 40.7  
77 57.3 44.0 66.0

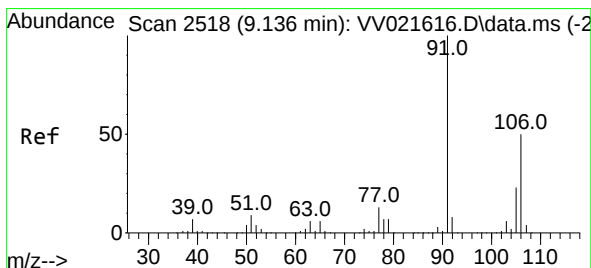
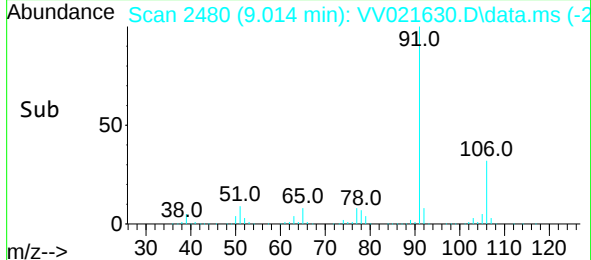
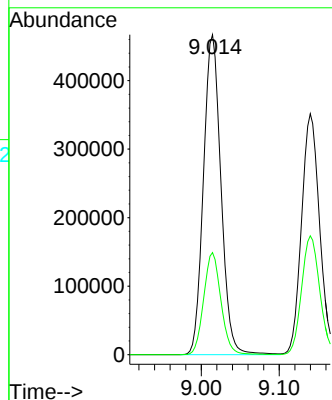
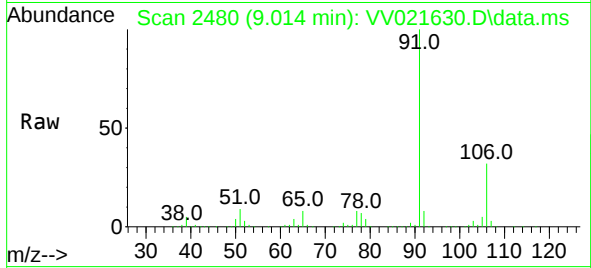




#52  
Ethylbenzene  
Concen: 46.154 ug/L  
RT: 9.014 min Scan# 2480  
Delta R.T. 0.003 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

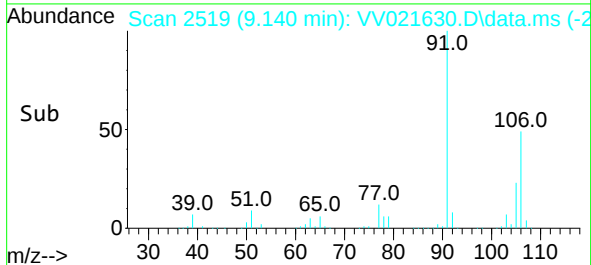
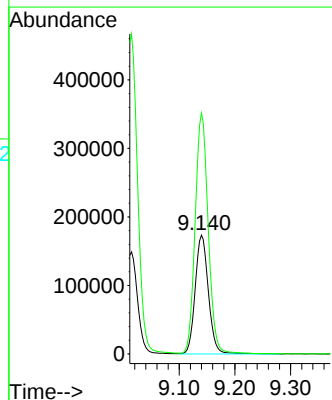
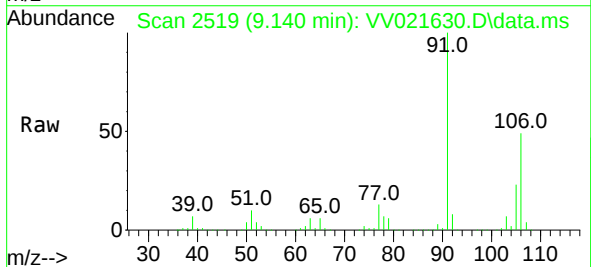
Instrument :  
MSVOA\_V  
ClientSampled :

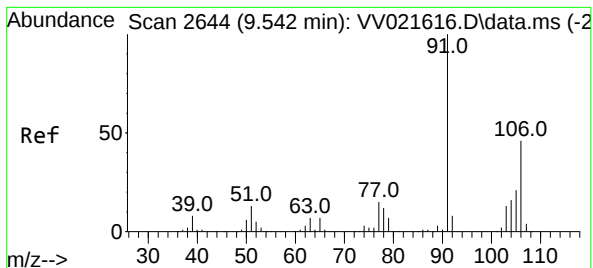
Tgt Ion: 91 Resp: 729445  
Ion Ratio Lower Upper  
91 100  
106 31.9 21.8 40.6



#53  
m,p-Xylene  
Concen: 47.056 ug/L  
RT: 9.140 min Scan# 2519  
Delta R.T. 0.003 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

Tgt Ion: 106 Resp: 285398  
Ion Ratio Lower Upper  
106 100  
91 202.5 138.7 257.5





#54

o-Xylene

Concen: 46.881 ug/L

RT: 9.545 min Scan# 2645

Delta R.T. 0.003 min

Lab File: VV021630.D

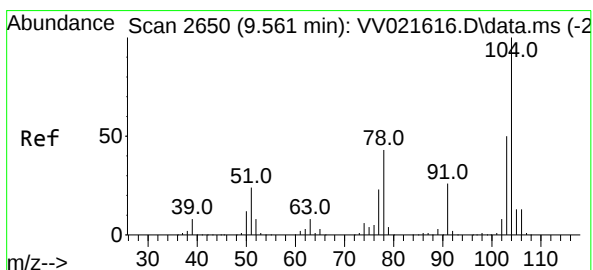
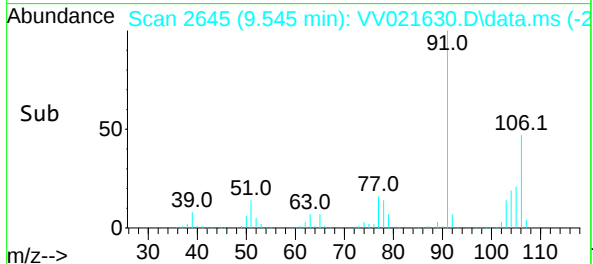
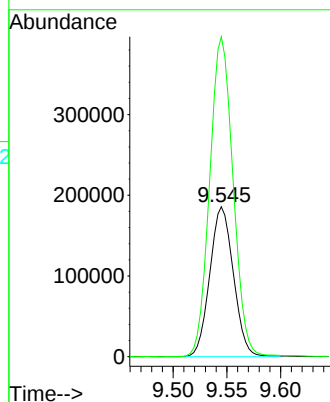
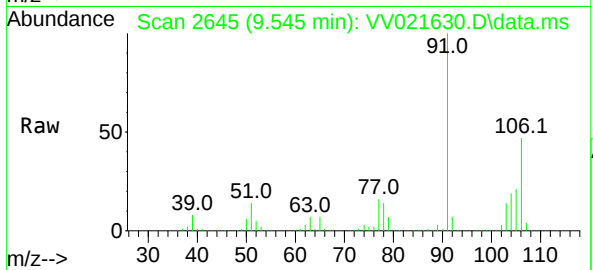
Acq: 12 Jul 2021 16:49

Tgt Ion:106 Resp: 283670

Ion Ratio Lower Upper

106 100

91 213.3 149.0 276.8



#55

Styrene

Concen: 47.359 ug/L

RT: 9.561 min Scan# 2650

Delta R.T. 0.000 min

Lab File: VV021630.D

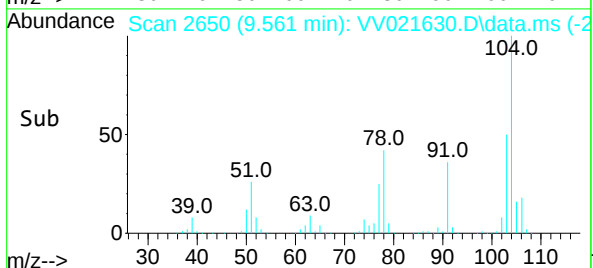
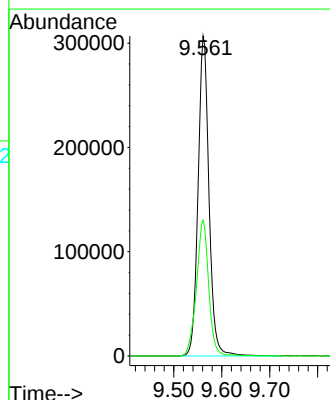
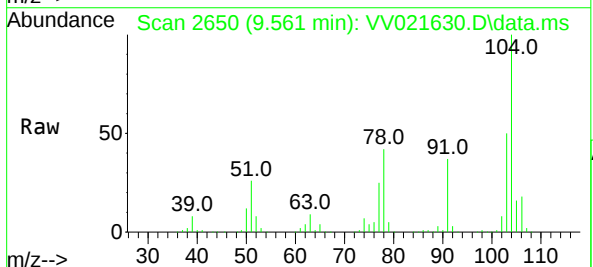
Acq: 12 Jul 2021 16:49

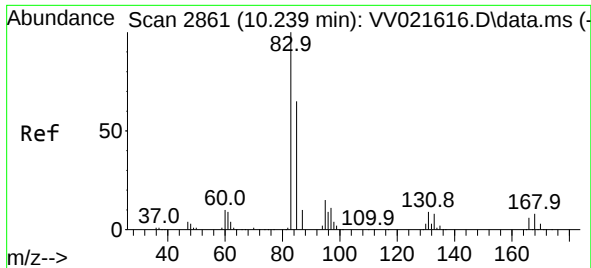
Tgt Ion:104 Resp: 484226

Ion Ratio Lower Upper

104 100

78 42.4 30.6 56.8

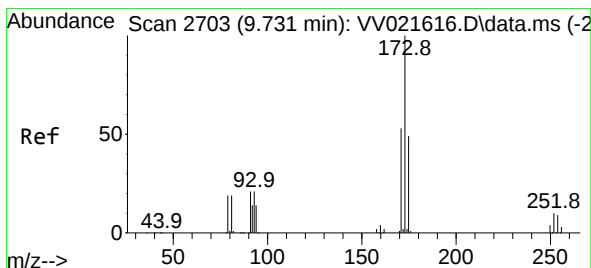
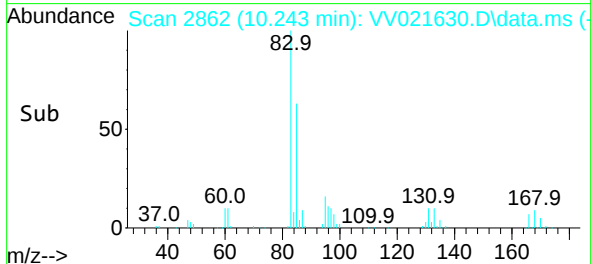
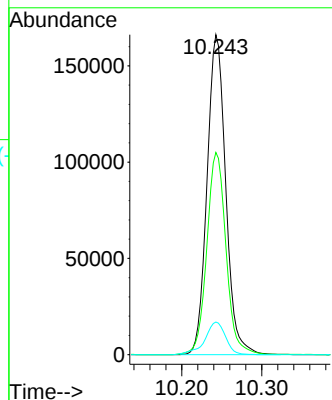
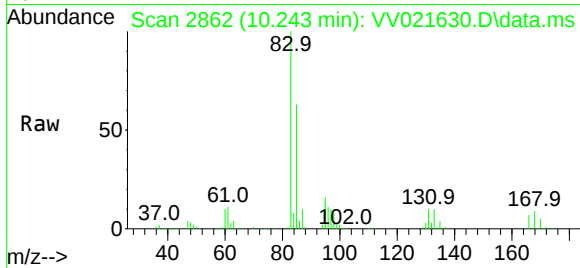




#57  
1,1,2,2-Tetrachloroethane  
Concen: 50.066 ug/L  
RT: 10.243 min Scan# 2862  
Delta R.T. 0.003 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

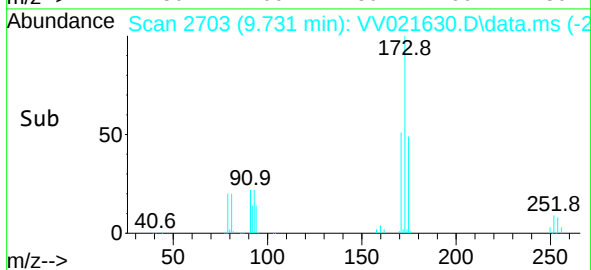
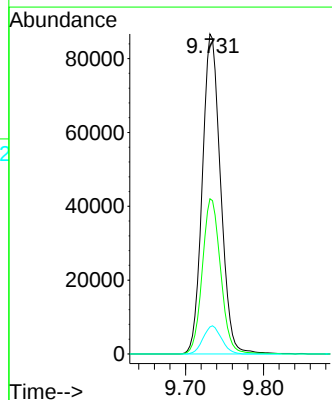
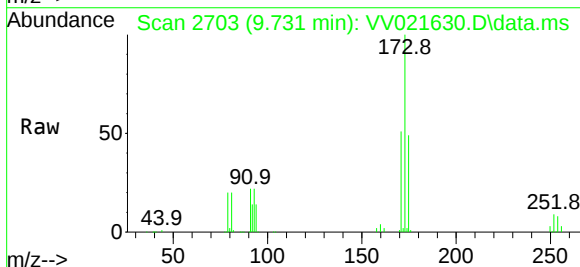
Instrument :  
MSVOA\_V  
ClientSampleId :

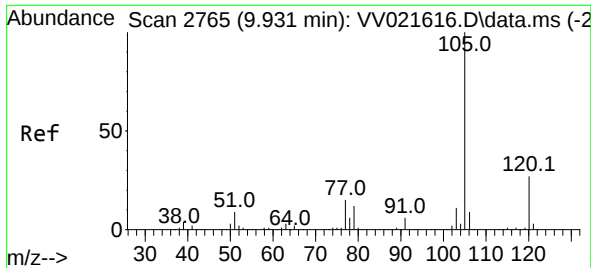
Tgt Ion: 83 Resp: 270666  
Ion Ratio Lower Upper  
83 100  
85 63.2 45.0 83.6  
131 10.2 8.4 12.6



#59  
Bromoform  
Concen: 47.233 ug/L  
RT: 9.731 min Scan# 2703  
Delta R.T. 0.000 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

Tgt Ion: 173 Resp: 140865  
Ion Ratio Lower Upper  
173 100  
175 48.8 39.0 58.6  
254 8.8 7.0 10.6

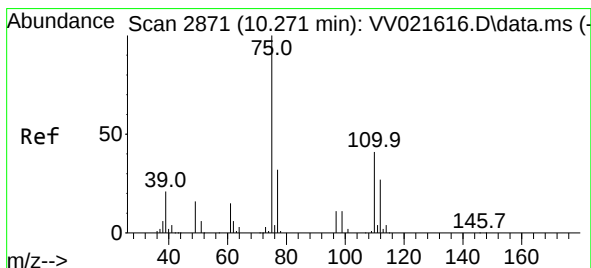
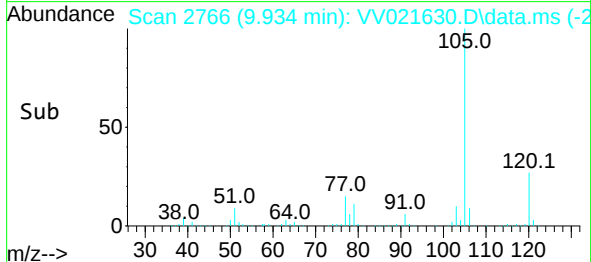
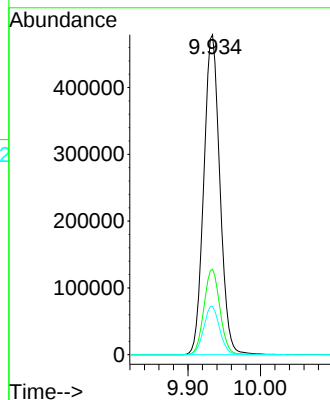
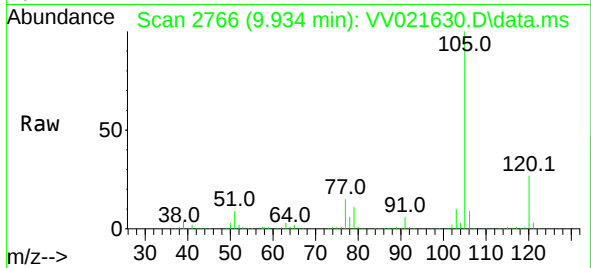




#60  
Isopropylbenzene  
Concen: 46.710 ug/L  
RT: 9.934 min Scan# 2766  
Delta R.T. 0.003 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

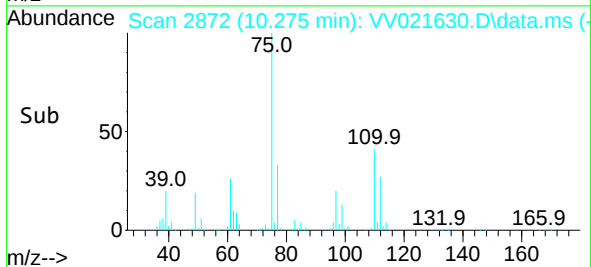
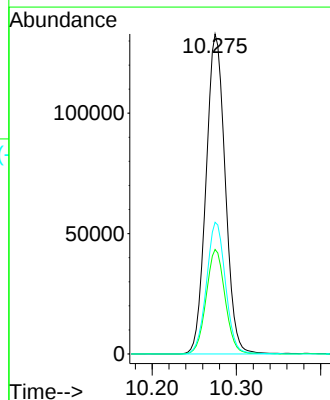
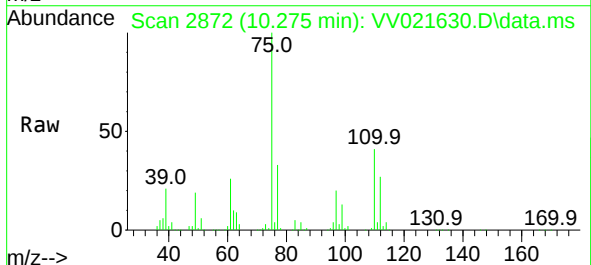
Instrument :  
MSVOA\_V  
ClientSampled :

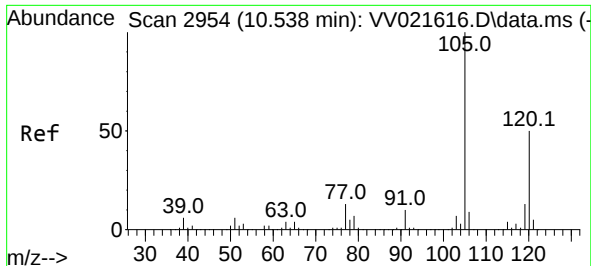
Tgt Ion:105 Resp: 739245  
Ion Ratio Lower Upper  
105 100  
120 26.6 21.5 32.3  
77 15.1 12.0 18.0



#61  
1,2,3-Trichloropropane  
Concen: 46.925 ug/L  
RT: 10.275 min Scan# 2872  
Delta R.T. 0.003 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

Tgt Ion: 75 Resp: 210481  
Ion Ratio Lower Upper  
75 100  
77 32.3 25.8 38.8  
110 40.8 33.0 49.6

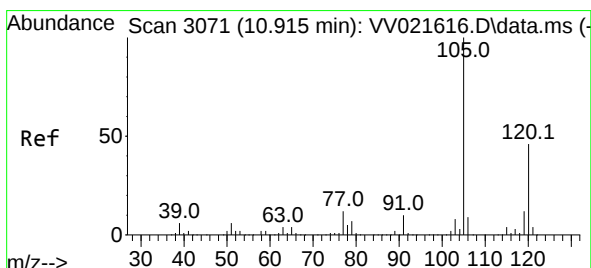
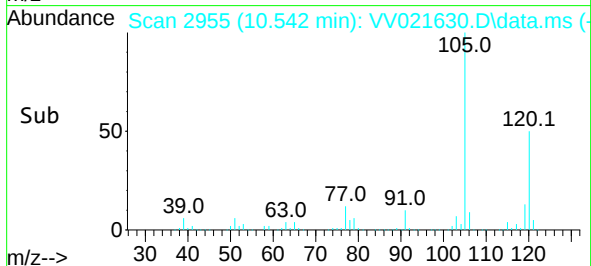
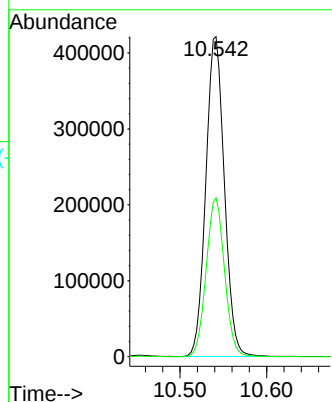
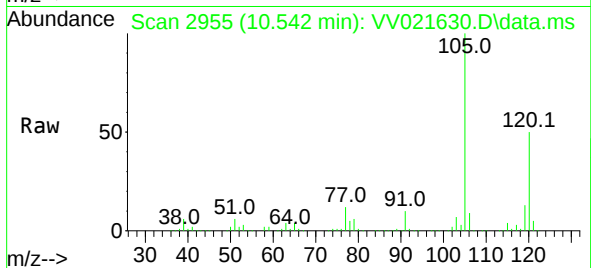




#62  
1,3,5-Trimethylbenzene  
Concen: 46.439 ug/L  
RT: 10.542 min Scan# 2955  
Delta R.T. 0.003 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

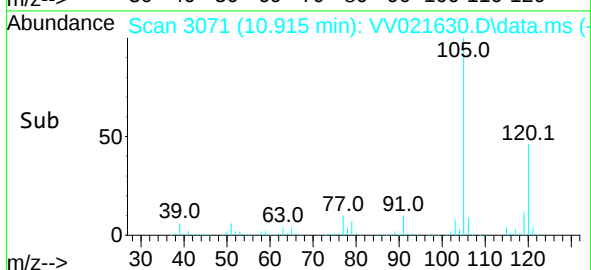
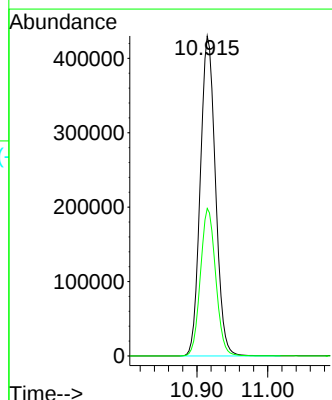
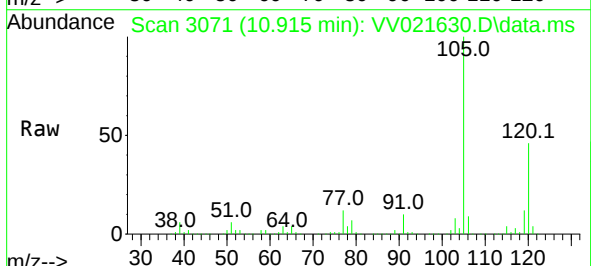
Instrument :  
MSVOA\_V  
ClientSampled :

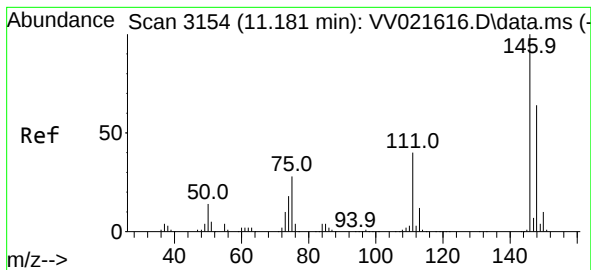
Tgt Ion:105 Resp: 626384  
Ion Ratio Lower Upper  
105 100  
120 49.2 40.0 60.0



#63  
1,2,4-Trimethylbenzene  
Concen: 46.851 ug/L  
RT: 10.915 min Scan# 3071  
Delta R.T. 0.000 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

Tgt Ion:105 Resp: 639509  
Ion Ratio Lower Upper  
105 100  
120 46.3 37.1 55.7





#64

1,3-Dichlorobenzene

Concen: 46.334 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.000 min

Lab File: VV021630.D

Acq: 12 Jul 2021 16:49

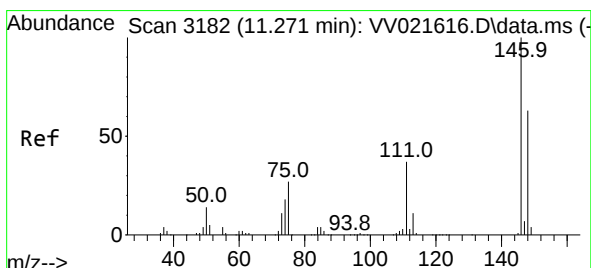
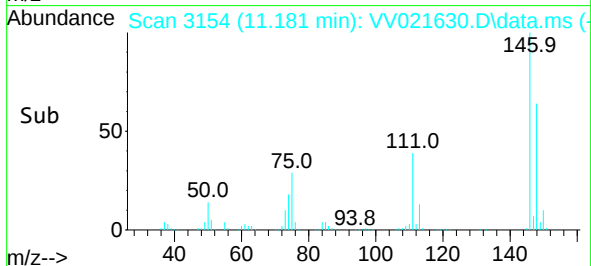
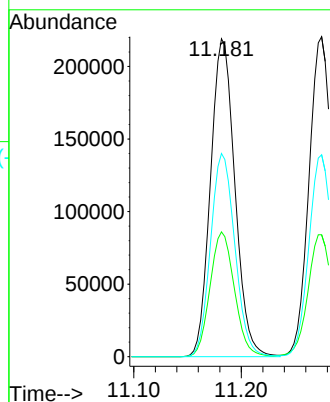
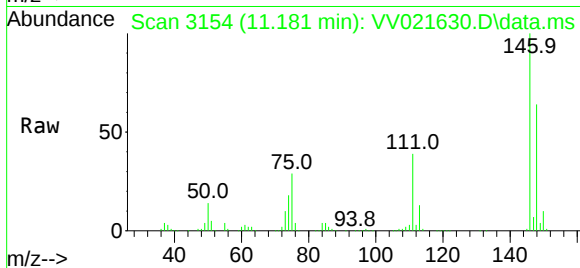
Tgt Ion:146 Resp: 344824

Ion Ratio Lower Upper

146 100

111 39.3 27.3 50.7

148 63.9 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 46.043 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.003 min

Lab File: VV021630.D

Acq: 12 Jul 2021 16:49

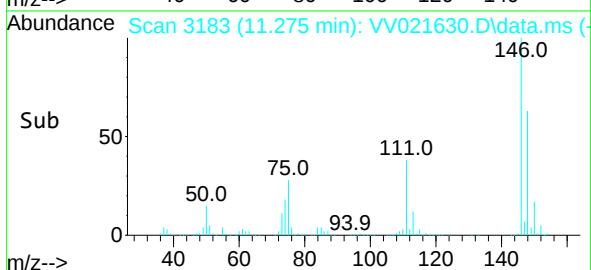
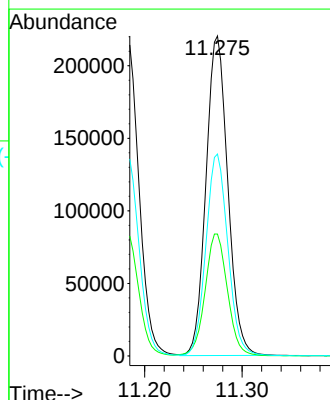
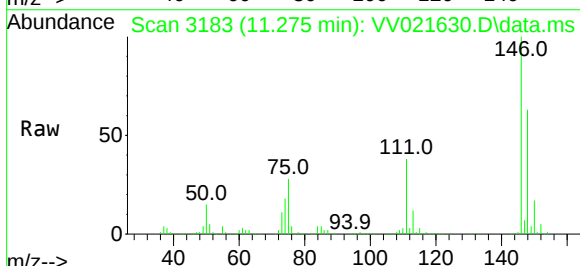
Tgt Ion:146 Resp: 342492

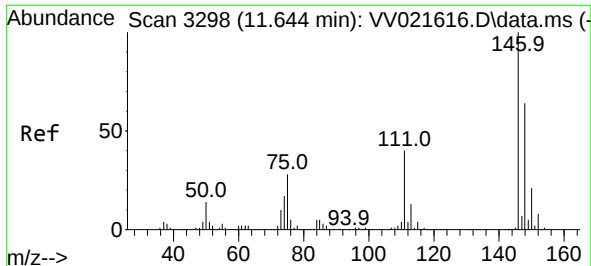
Ion Ratio Lower Upper

146 100

111 38.1 26.6 49.4

148 63.1 45.2 84.0

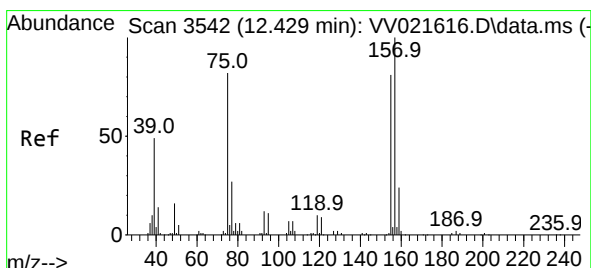
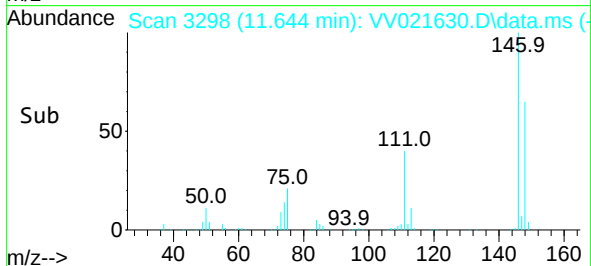
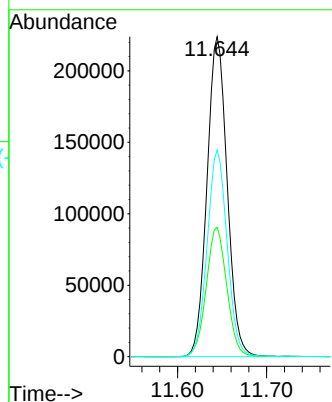
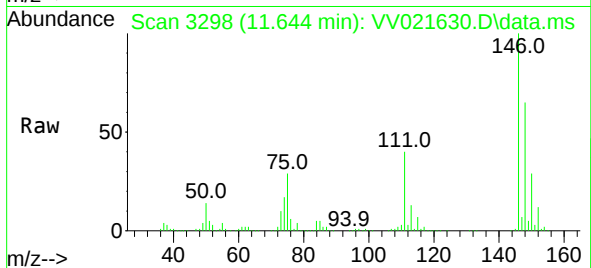




#67  
1,2-Dichlorobenzene  
Concen: 47.124 ug/L  
RT: 11.644 min Scan# 3298  
Delta R.T. 0.000 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

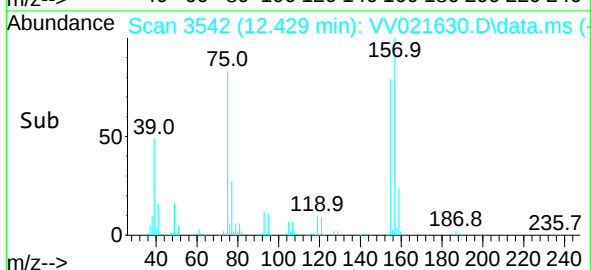
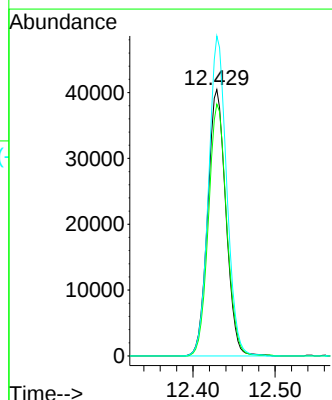
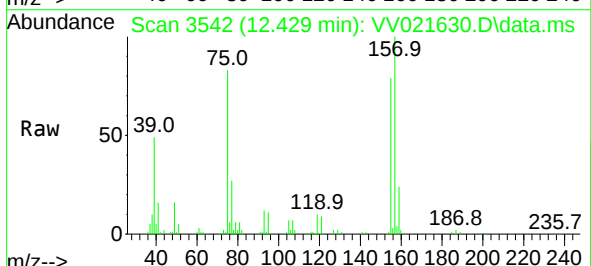
Instrument :  
MSVOA\_V  
ClientSampled :

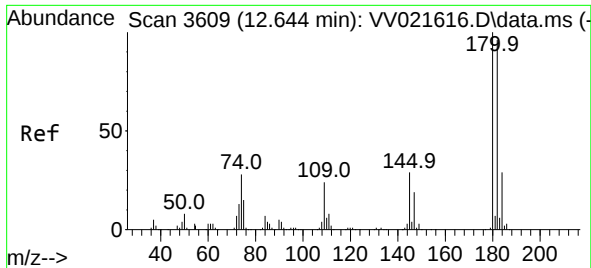
Tgt Ion:146 Resp: 351460  
Ion Ratio Lower Upper  
146 100  
111 40.4 32.6 48.8  
148 64.6 50.5 75.7



#68  
1,2-Dibromo-3-chloropropane  
Concen: 46.950 ug/L  
RT: 12.429 min Scan# 3542  
Delta R.T. 0.000 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

Tgt Ion: 75 Resp: 62431  
Ion Ratio Lower Upper  
75 100  
155 94.5 75.9 113.9  
157 120.1 96.7 145.1

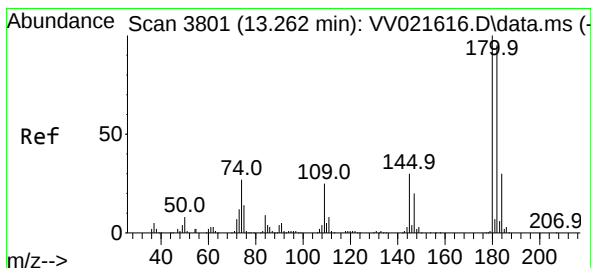
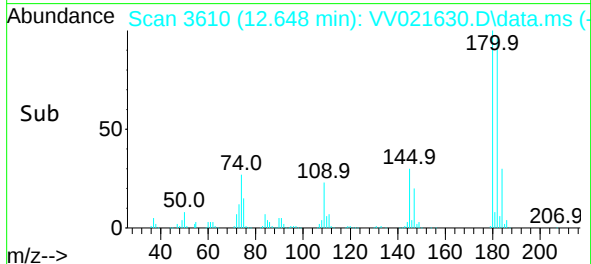
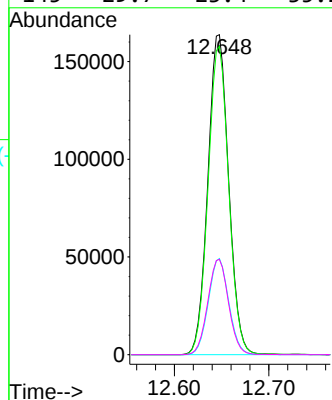
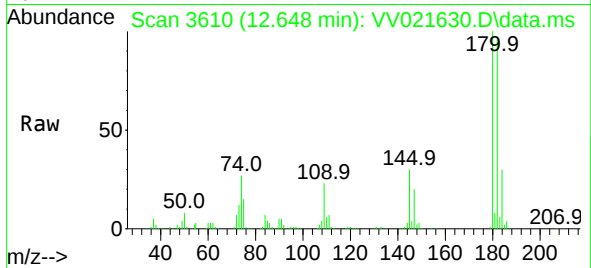




#69  
1,3,5-Trichlorobenzene  
Concen: 45.048 ug/L  
RT: 12.648 min Scan# 3610  
Delta R.T. 0.003 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

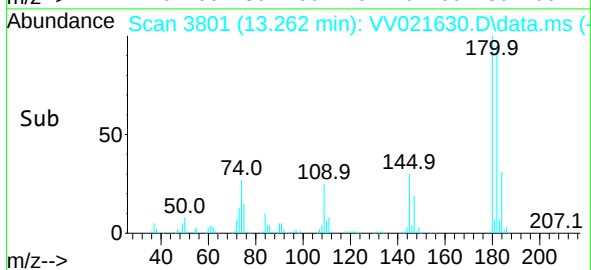
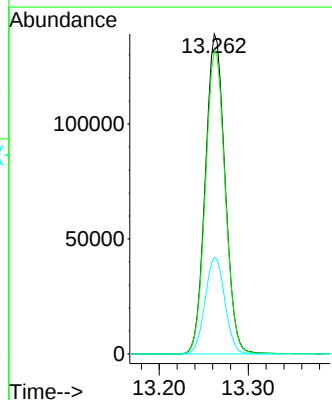
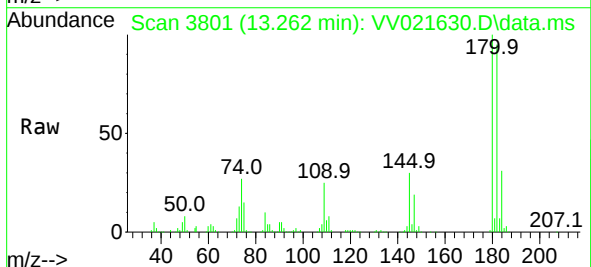
Instrument :  
MSVOA\_V  
ClientSampleId :

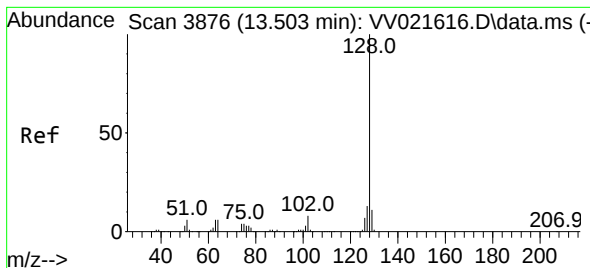
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 250538 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.5  | 75.0  | 112.4  |
| 184       | 29.5  | 23.8  | 35.6   |
| 145       | 29.7  | 23.4  | 35.2   |



#70  
1,2,4-trichlorobenzene  
Concen: 44.558 ug/L  
RT: 13.262 min Scan# 3801  
Delta R.T. 0.000 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 213122 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.5  | 75.4  | 113.2  |
| 145       | 30.4  | 24.1  | 36.1   |

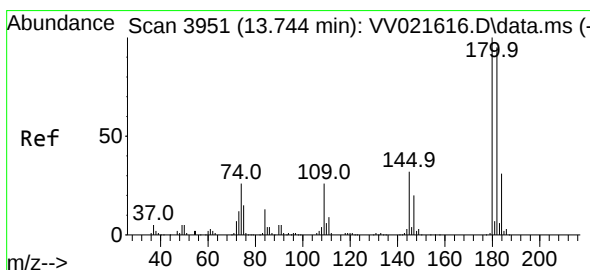
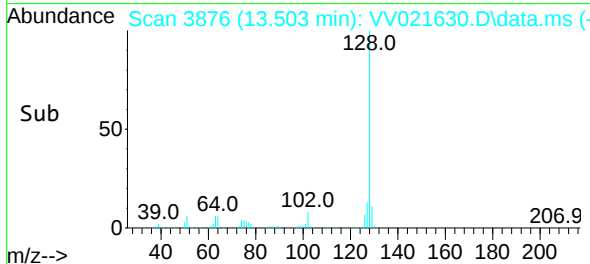
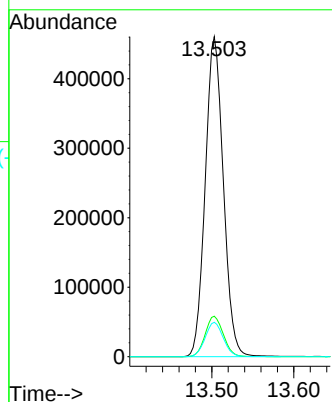
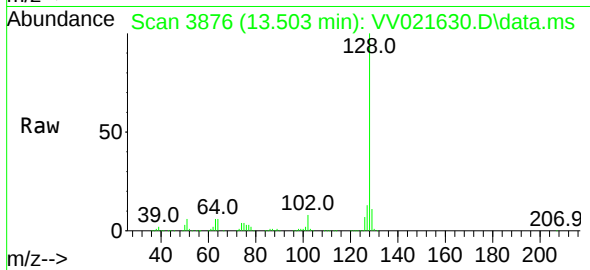




#71  
Naphthalene  
Concen: 48.511 ug/L  
RT: 13.503 min Scan# 3876  
Delta R.T. 0.000 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion:128 Resp: 706650  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.2 15.2  
129 10.8 8.6 13.0



#72  
1,2,3-Trichlorobenzene  
Concen: 47.215 ug/L  
RT: 13.744 min Scan# 3951  
Delta R.T. 0.000 min  
Lab File: VV021630.D  
Acq: 12 Jul 2021 16:49

Tgt Ion:180 Resp: 223046  
Ion Ratio Lower Upper  
180 100  
182 95.2 75.8 113.6  
145 32.3 25.7 38.5

