

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW032321\  
 Data File : VW020719.D  
 Acq On : 23 Mar 2021 18:37  
 Operator : SY/MD  
 Sample : VSTD20062  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD20062

Quant Time: Mar 24 04:36:52 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM032321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Mar 24 04:32:38 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114  | 807407   | 50.00  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.857  | 117  | 812371   | 50.00  | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.255 | 152  | 464979   | 50.00  | ug/L  | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) Vinyl Chloride-d3          | 1.310  | 65   | 1187959  | 187.57 | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.571  | 69   | 882924   | 176.02 | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63   | 2278849  | 188.79 | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 3.892  | 46   | 1664737  | 411.94 | ug/L  | 0.00     |
| 24) Chloroform-d              | 4.352  | 84   | 2397736  | 212.02 | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65   | 1562291  | 210.19 | ug/L  | 0.00     |
| 32) Benzene-d6                | 5.053  | 84   | 4467604  | 201.66 | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67   | 1399417  | 199.66 | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.320  | 98   | 4314598  | 216.58 | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79   | 815271   | 242.59 | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 8.091  | 63   | 1350132  | 504.47 | ug/L  | 0.00     |
| 57) 1,1,2,2-Tetrachloroeth... | 10.220 | 84   | 2060876  | 228.34 | ug/L  | 0.00     |
| 64) 1,2-Dichlorobenzene-d4    | 11.631 | 152  | 1905574  | 210.81 | ug/L  | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.130  | 85   | 1568940  | 228.79 | ug/L  | 100      |
| 3) Chloromethane              | 1.243  | 50   | 1275568  | 173.49 | ug/L  | 100      |
| 5) Vinyl chloride             | 1.314  | 62   | 1330872  | 179.06 | ug/L  | 99       |
| 6) Bromomethane               | 1.526  | 94   | 824496   | 185.54 | ug/L  | 99       |
| 8) Chloroethane               | 1.587  | 64   | 761769   | 170.43 | ug/L  | 99       |
| 9) Trichlorofluoromethane     | 1.754  | 101  | 2274866  | 217.79 | ug/L  | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.117  | 101  | 1080562  | 195.59 | ug/L  | 99       |
| 12) 1,1-Dichloroethene        | 2.117  | 96   | 1015842  | 190.66 | ug/L  | 97       |
| 13) Acetone                   | 2.191  | 43   | 1036598  | 319.09 | ug/L  | 99       |
| 14) Carbon disulfide          | 2.294  | 76   | 3380889  | 205.63 | ug/L  | 100      |
| 15) Methyl Acetate            | 2.436  | 43   | 1225792  | 196.51 | ug/L  | 98       |
| 16) Methylene chloride        | 2.510  | 84   | 1197135  | 193.28 | ug/L  | 98       |
| 17) trans-1,2-Dichloroethene  | 2.760  | 96   | 1183691  | 205.49 | ug/L  | 98       |
| 18) Methyl tert-butyl Ether   | 2.770  | 73   | 3836553  | 218.12 | ug/L  | 100      |
| 19) 1,1-Dichloroethane        | 3.191  | 63   | 2193064  | 200.66 | ug/L  | 100      |
| 20) cis-1,2-Dichloroethene    | 3.911  | 96   | 1295865  | 217.90 | ug/L  | 96       |
| 22) 2-Butanone                | 3.976  | 43   | 1826796  | 403.26 | ug/L  | 94       |
| 23) Bromochloromethane        | 4.249  | 128  | 679434   | 225.11 | ug/L  | 97       |
| 25) Chloroform                | 4.378  | 83   | 2314066  | 201.69 | ug/L  | 97       |
| 27) 1,2-Dichloroethane        | 5.133  | 62   | 1898336  | 207.66 | ug/L  | 99       |
| 29) Cyclohexane               | 4.680  | 56   | 2045188  | 208.97 | ug/L  | 100      |
| 30) 1,1,1-Trichloroethane     | 4.612  | 97   | 2189199  | 220.74 | ug/L  | 99       |
| 31) Carbon tetrachloride      | 4.831  | 117  | 1960676  | 239.55 | ug/L  | 100      |
| 33) Benzene                   | 5.101  | 78   | 4850013  | 200.88 | ug/L  | 100      |
| 34) Trichloroethene           | 5.915  | 95   | 1331952  | 196.96 | ug/L  | 99       |
| 35) Methylcyclohexane         | 6.133  | 83   | 2098142  | 220.70 | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 6.175  | 63   | 1272537  | 201.75 | ug/L  | 100      |
| 38) Bromodichloromethane      | 6.513  | 83   | 1832164  | 216.91 | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 7.030  | 75   | 2194927  | 232.56 | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 7.230  | 43   | 3652936  | 396.58 | ug/L  | 99       |
| 42) Toluene                   | 7.390  | 91   | 5387875  | 212.08 | ug/L  | 97       |
| 44) trans-1,3-Dichloropropene | 7.651  | 75   | 2219689  | 237.12 | ug/L  | 98       |
| 45) 1,1,2-Trichloroethane     | 7.841  | 97   | 1264601  | 214.27 | ug/L  | 98       |

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 Sample : VSTD20062  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

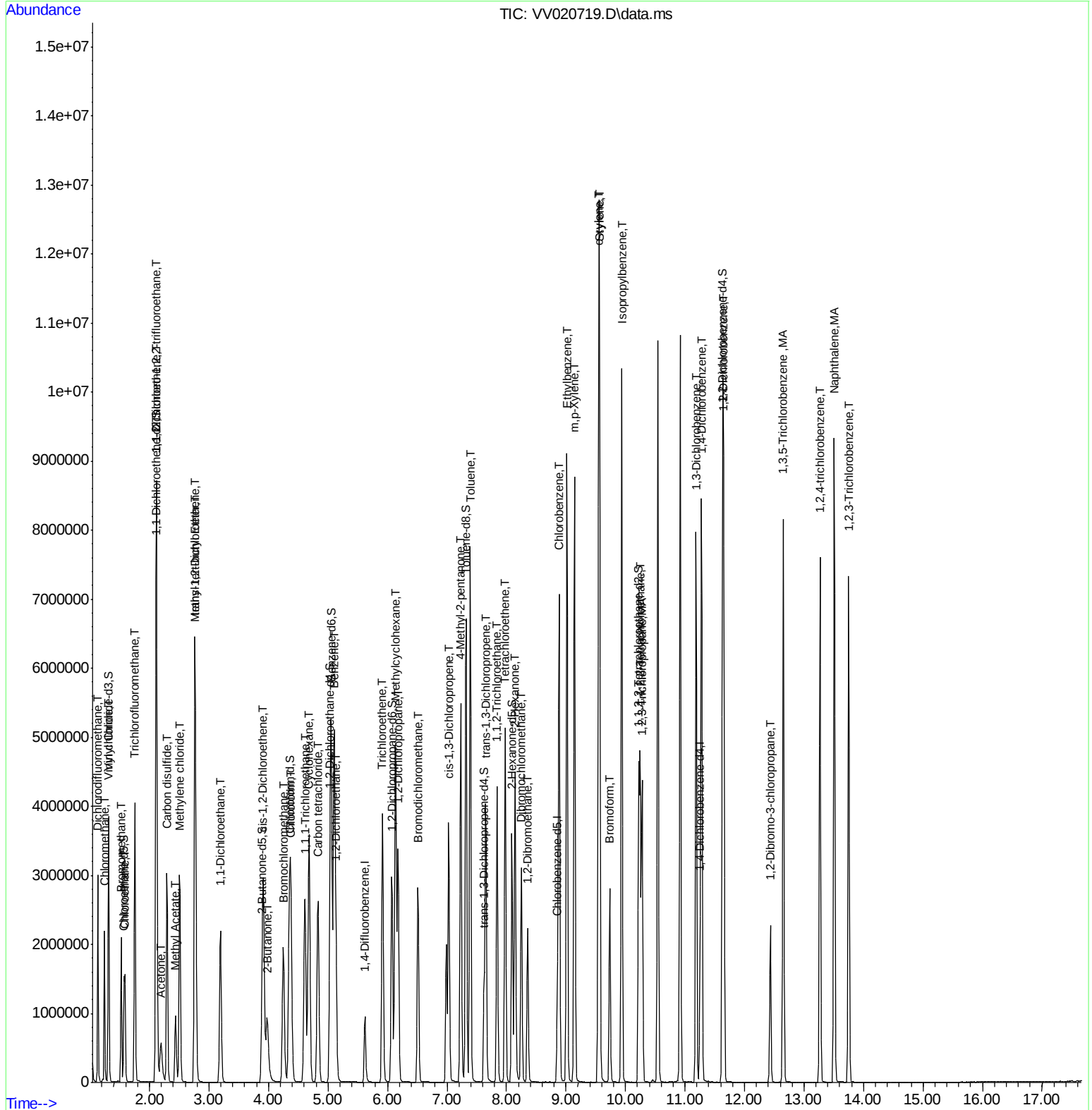
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD20062

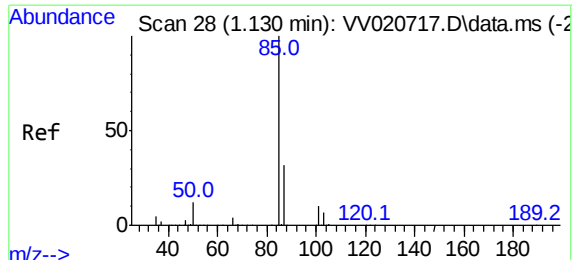
Quant Time: Mar 24 04:36:52 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM032321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Mar 24 04:32:38 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| 46) Tetrachloroethene         | 7.979  | 164  | 1114912  | 243.18 | ug/L  | 99       |
| 48) 2-Hexanone                | 8.143  | 43   | 2872818  | 398.79 | ug/L  | 99       |
| 49) Dibromochloromethane      | 8.249  | 129  | 1556805  | 246.51 | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 8.355  | 107  | 1392280  | 217.69 | ug/L  | 100      |
| 51) Chlorobenzene             | 8.886  | 112  | 3591948  | 216.38 | ug/L  | 99       |
| 52) Ethylbenzene              | 9.014  | 91   | 6290251  | 218.81 | ug/L  | 99       |
| 53) m,p-Xylene                | 9.143  | 106  | 2396675  | 226.02 | ug/L  | 98       |
| 54) o-xylene                  | 9.548  | 106  | 2360967  | 230.43 | ug/L  | 94       |
| 55) Styrene                   | 9.564  | 104  | 4151178  | 231.95 | ug/L  | 100      |
| 56) Isopropylbenzene          | 9.937  | 105  | 6383244  | 229.77 | ug/L  | 99       |
| 58) 1,1,2,2-Tetrachloroethane | 10.246 | 83   | 2125879  | 235.98 | ug/L  | 100      |
| 59) 1,2,3-Trichloropropane    | 10.278 | 75   | 1707720  | 212.14 | ug/L  | 98       |
| 61) Bromoform                 | 9.734  | 173  | 1220690  | 256.79 | ug/L  | 99       |
| 62) 1,3-Dichlorobenzene       | 11.188 | 146  | 3163477  | 214.86 | ug/L  | 99       |
| 63) 1,4-Dichlorobenzene       | 11.278 | 146  | 3184147  | 206.52 | ug/L  | 98       |
| 65) 1,2-Dichlorobenzene       | 11.651 | 146  | 3093449  | 210.41 | ug/L  | 99       |
| 66) 1,2-Dibromo-3-chloropr... | 12.435 | 75   | 544657   | 239.68 | ug/L  | 93       |
| 67) 1,3,5-Trichlorobenzene    | 12.651 | 180  | 2453336  | 229.43 | ug/L  | 99       |
| 68) 1,2,4-trichlorobenzene    | 13.268 | 180  | 2237873  | 240.36 | ug/L  | 99       |
| 69) Naphthalene               | 13.509 | 128  | 6878618  | 232.67 | ug/L  | 99       |
| 70) 1,2,3-Trichlorobenzene    | 13.750 | 180  | 2148565  | 233.01 | ug/L  | 98       |
| -----                         |        |      |          |        |       |          |

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

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Quant Title : VOC Analysis  
QLast Update : Wed Mar 24 04:32:38 2021  
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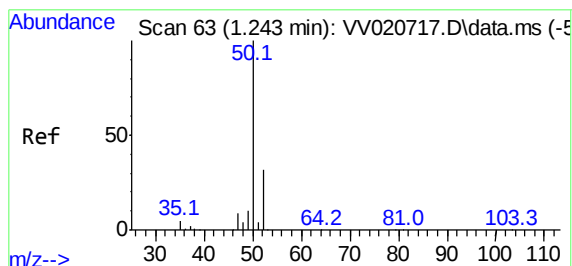
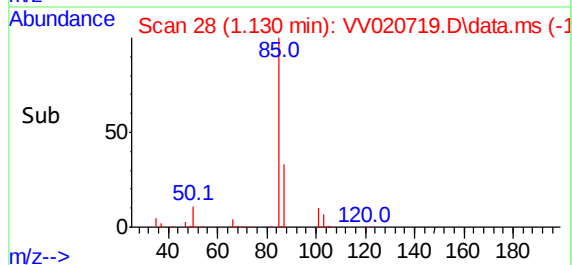
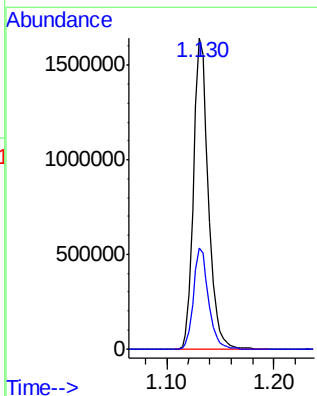
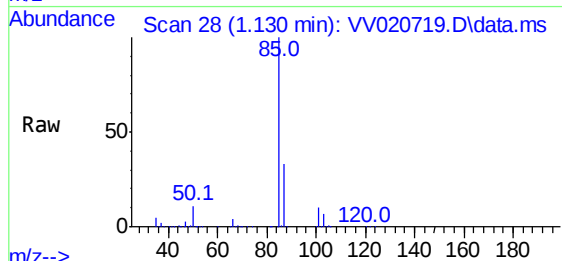


#2

Dichlorodifluoromethane  
Concen: 228.79 ug/L  
RT: 1.130 min Scan# 28  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Instrument :  
MSVOA\_V  
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VSTD20062

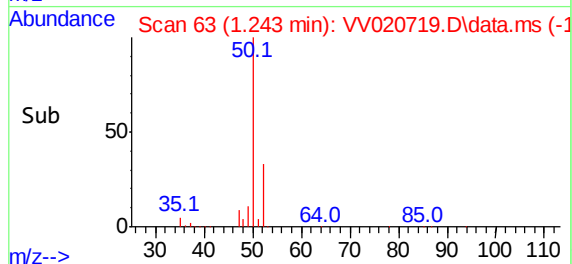
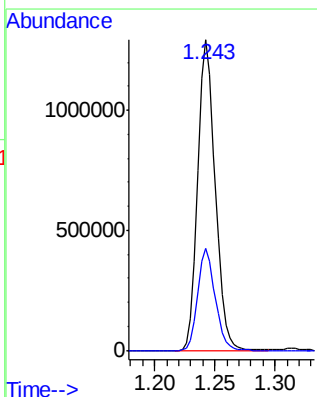
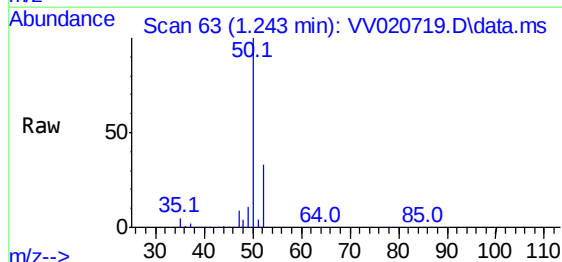
Tgt Ion: 85 Resp: 1568940  
Ion Ratio Lower Upper  
85 100  
87 32.7 26.3 39.5

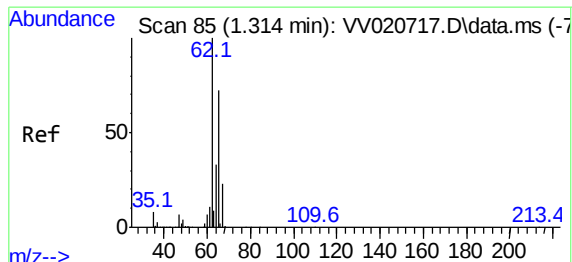


#3

Chloromethane  
Concen: 173.49 ug/L  
RT: 1.243 min Scan# 63  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Tgt Ion: 50 Resp: 1275568  
Ion Ratio Lower Upper  
50 100  
52 32.7 22.7 42.1

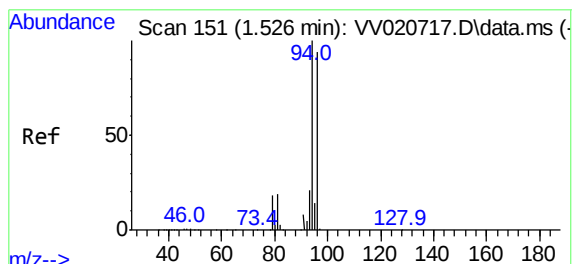
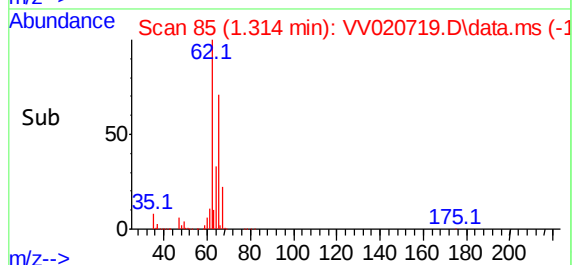
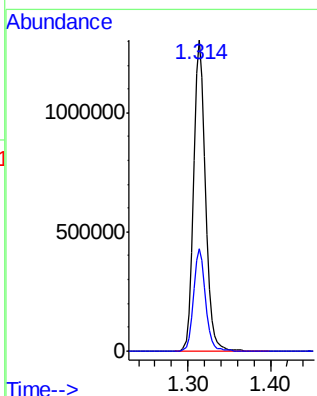
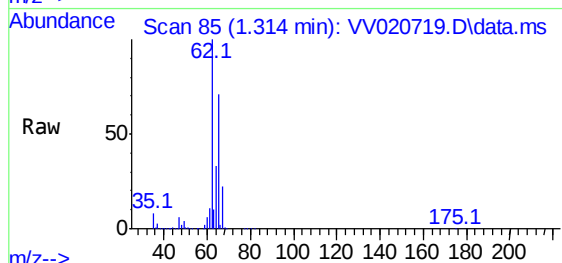




#5  
 Vinyl chloride  
 Concen: 179.06 ug/L  
 RT: 1.314 min Scan# 85  
 Delta R.T. -0.000 min  
 Lab File: VV020719.D  
 Acq: 23 Mar 2021 18:37

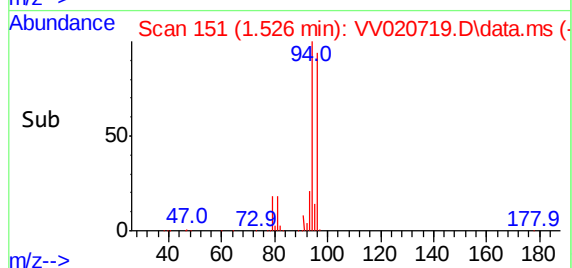
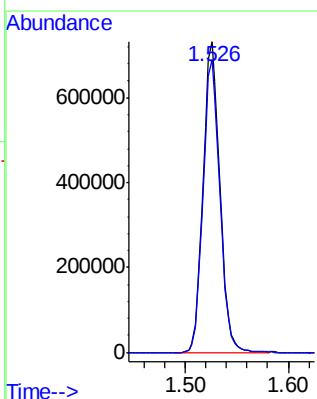
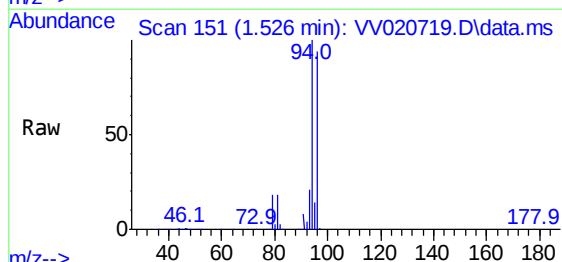
Instrument :  
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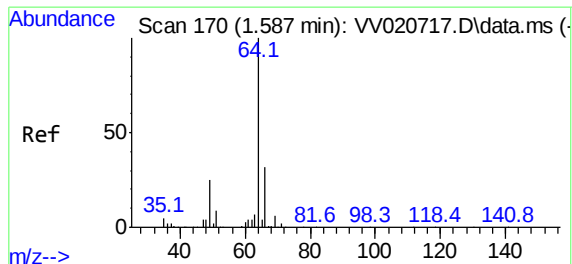
Tgt Ion: 62 Resp: 1330872  
 Ion Ratio Lower Upper  
 62 100  
 64 32.9 23.3 43.3



#6  
 Bromomethane  
 Concen: 185.54 ug/L  
 RT: 1.526 min Scan# 151  
 Delta R.T. -0.000 min  
 Lab File: VV020719.D  
 Acq: 23 Mar 2021 18:37

Tgt Ion: 94 Resp: 824496  
 Ion Ratio Lower Upper  
 94 100  
 96 94.3 65.6 121.8

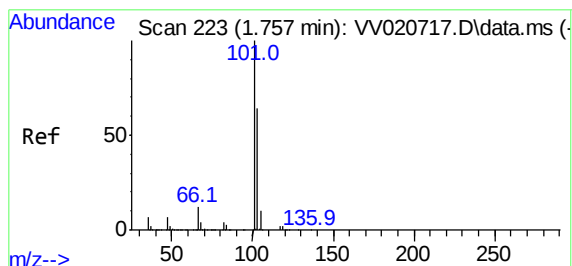
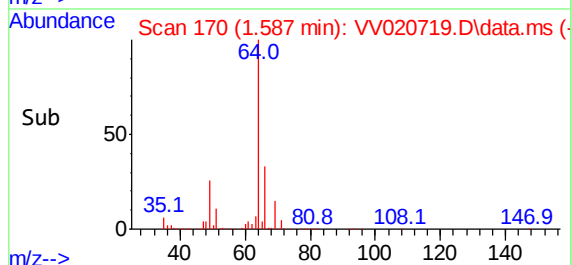
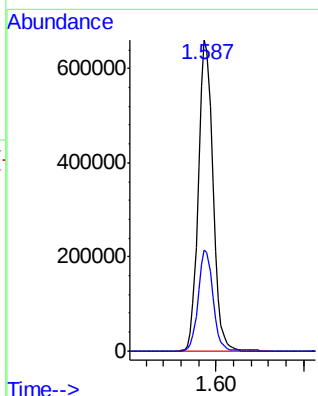
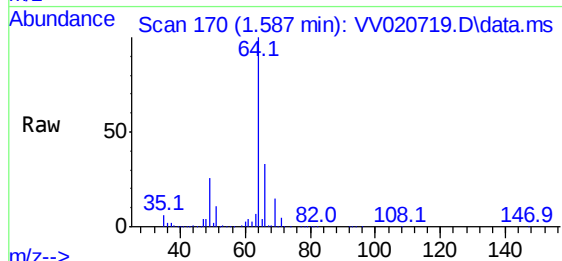




#8  
Chloroethane  
Concen: 170.43 ug/L  
RT: 1.587 min Scan# 170  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

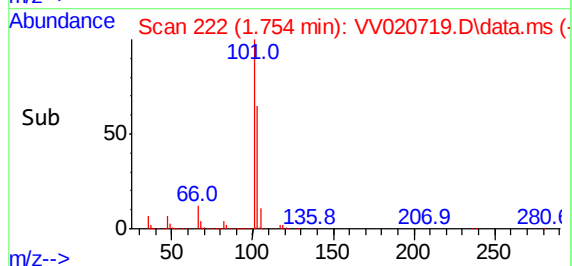
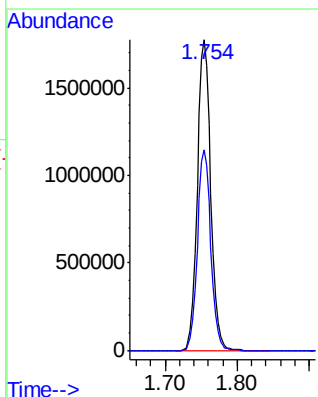
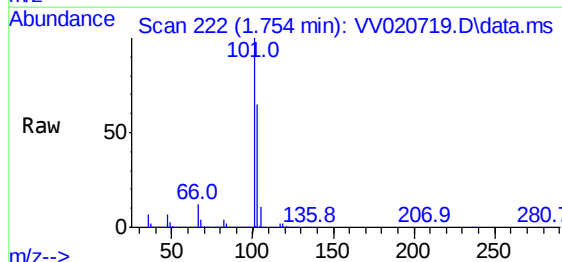
Instrument :  
MSVOA\_V  
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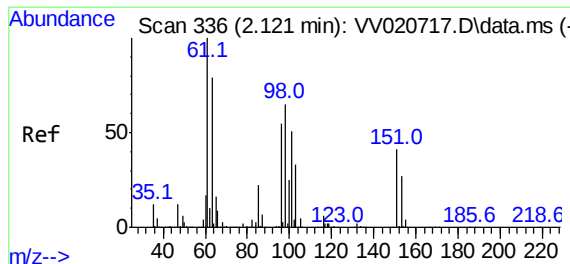
Tgt Ion: 64 Resp: 761769  
Ion Ratio Lower Upper  
64 100  
66 32.5 22.4 41.6



#9  
Trichlorofluoromethane  
Concen: 217.79 ug/L  
RT: 1.754 min Scan# 222  
Delta R.T. -0.003 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Tgt Ion:101 Resp: 2274866  
Ion Ratio Lower Upper  
101 100  
103 64.7 51.2 76.8

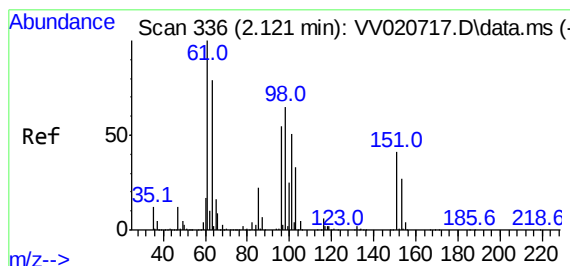
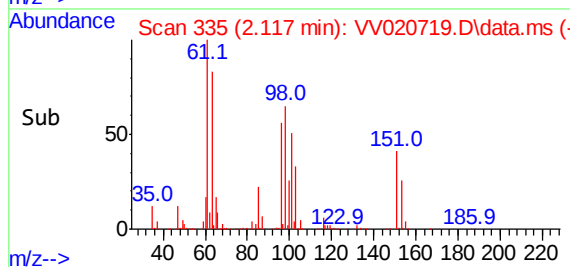
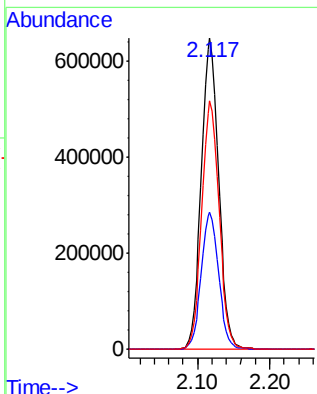
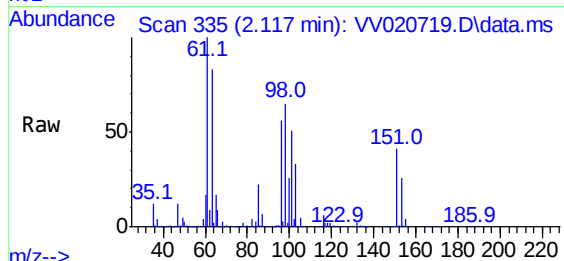




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 195.59 ug/L  
 RT: 2.117 min Scan# 335  
 Delta R.T. -0.003 min  
 Lab File: VV020719.D  
 Acq: 23 Mar 2021 18:37

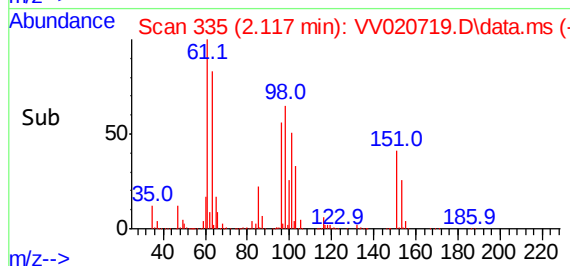
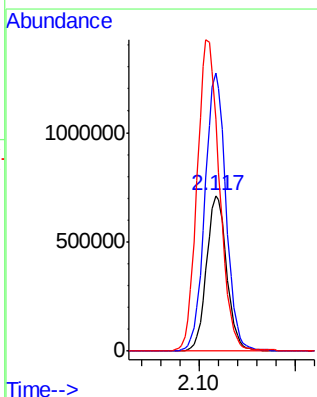
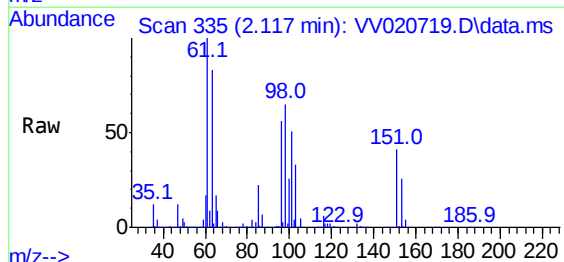
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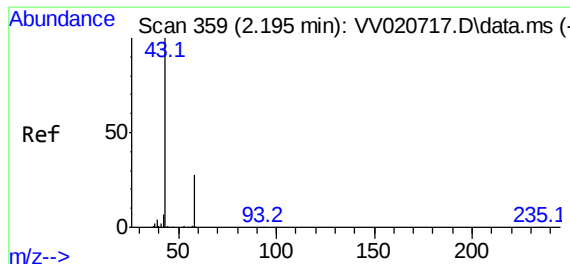
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 Ion Ratio Lower Upper  
 101 100  
 85 43.8 35.4 53.0  
 151 79.8 63.5 95.3



#12  
 1,1-Dichloroethene  
 Concen: 190.66 ug/L  
 RT: 2.117 min Scan# 335  
 Delta R.T. -0.003 min  
 Lab File: VV020719.D  
 Acq: 23 Mar 2021 18:37

Tgt Ion: 96 Resp: 1015842  
 Ion Ratio Lower Upper  
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 61 179.1 126.3 234.6  
 63 149.0 100.2 186.2

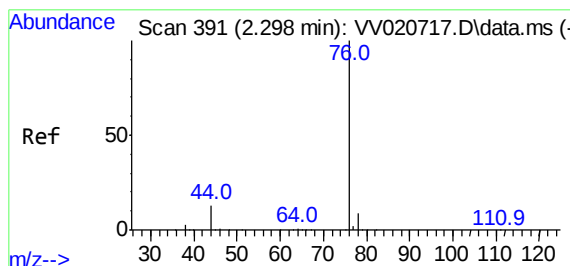
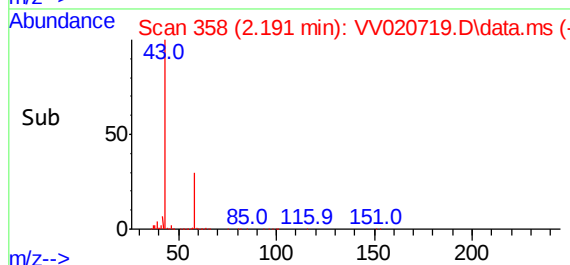
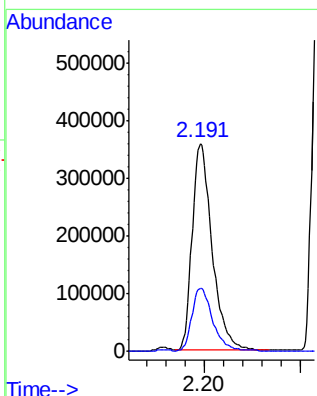
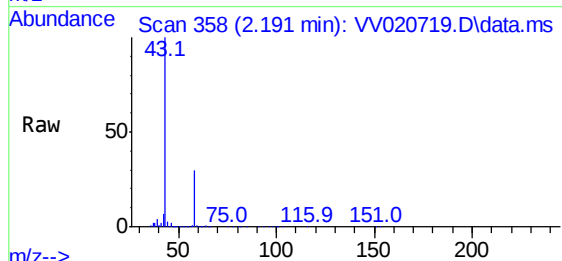




#13  
Acetone  
Concen: 319.09 ug/L  
RT: 2.191 min Scan# 358  
Delta R.T. -0.003 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

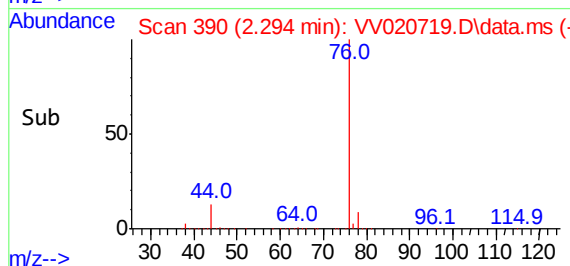
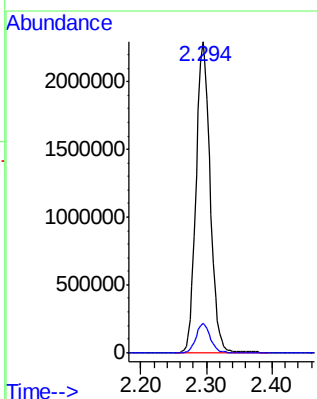
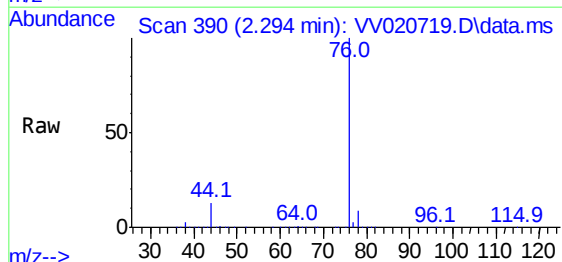
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ClientSampleId :  
VSTD20062

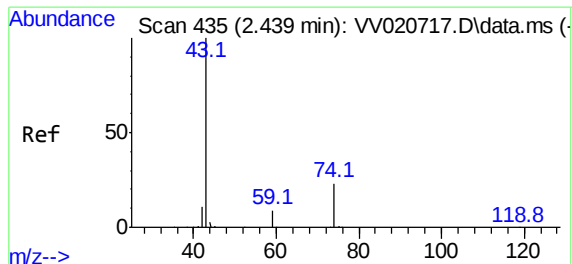
Tgt Ion: 43 Resp: 1036598  
Ion Ratio Lower Upper  
43 100  
58 30.9 0.0 60.8



#14  
Carbon disulfide  
Concen: 205.63 ug/L  
RT: 2.294 min Scan# 390  
Delta R.T. -0.003 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Tgt Ion: 76 Resp: 3380889  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.5 11.3

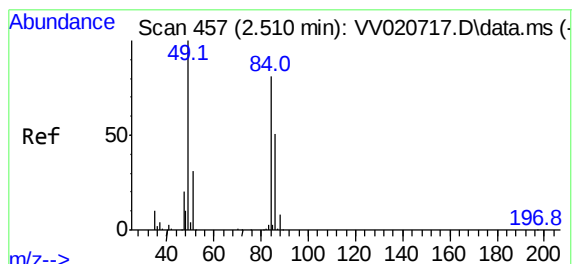
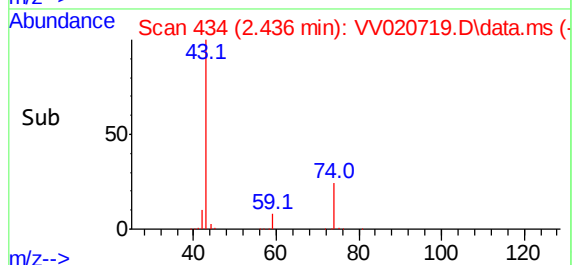
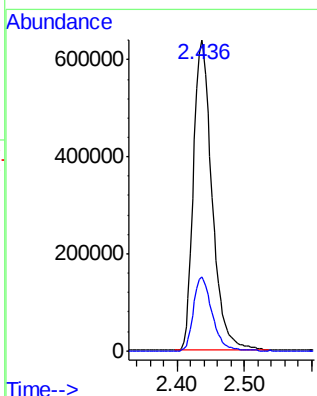
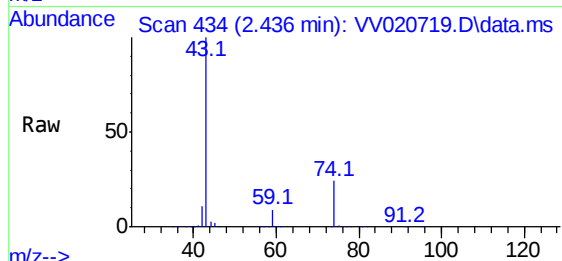




#15  
Methyl Acetate  
Concen: 196.51 ug/L  
RT: 2.436 min Scan# 434  
Delta R.T. -0.003 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

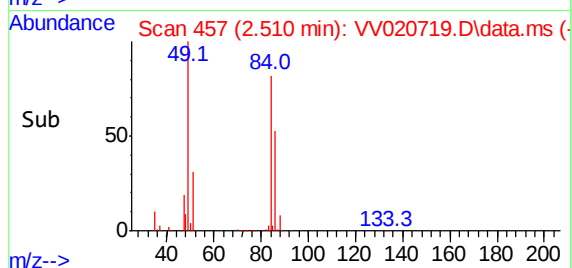
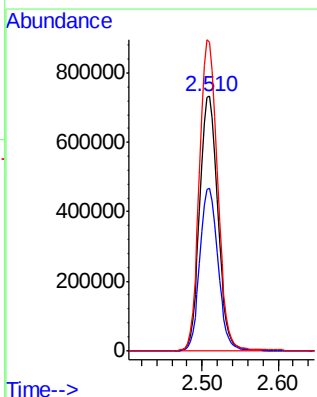
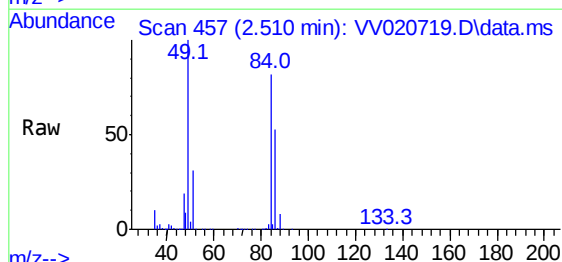
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD20062

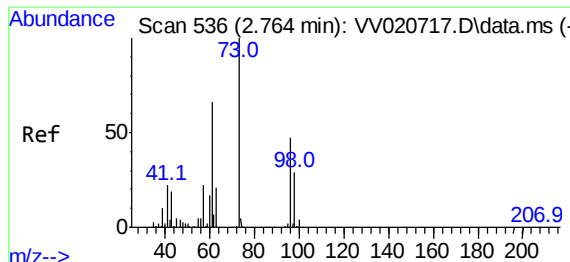
Tgt Ion: 43 Resp: 1225792  
Ion Ratio Lower Upper  
43 100  
74 23.9 18.4 27.6



#16  
Methylene chloride  
Concen: 193.28 ug/L  
RT: 2.510 min Scan# 457  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Tgt Ion: 84 Resp: 1197135  
Ion Ratio Lower Upper  
84 100  
86 64.0 43.9 81.5  
49 121.3 86.3 160.3

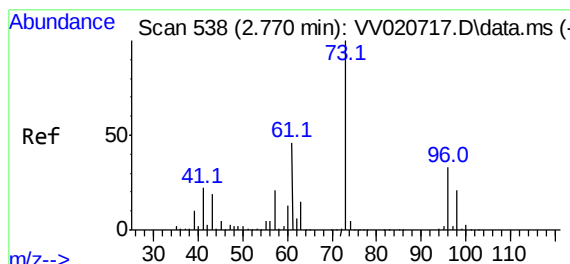
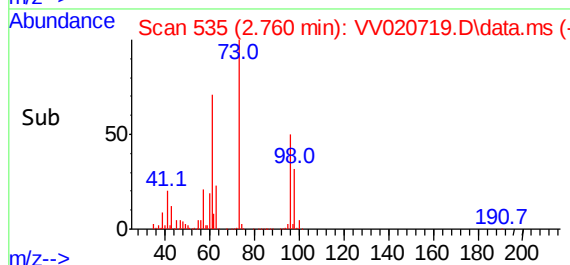
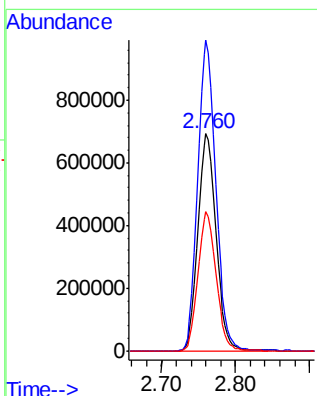
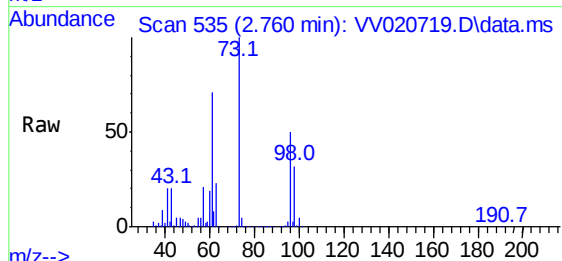




#17  
trans-1,2-Dichloroethene  
Concen: 205.49 ug/L  
RT: 2.760 min Scan# 535  
Delta R.T. -0.003 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

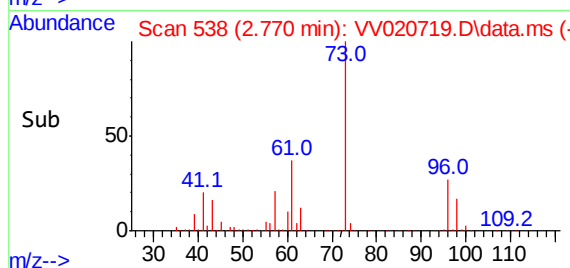
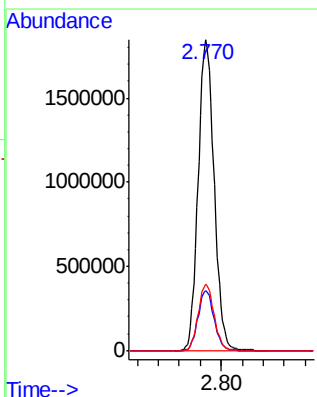
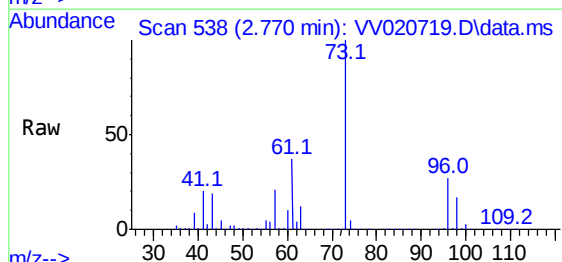
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD20062

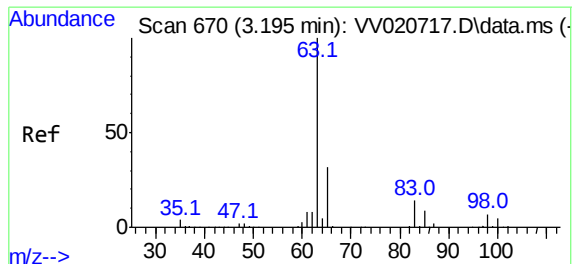
Tgt Ion: 96 Resp: 1183691  
Ion Ratio Lower Upper  
96 100  
61 143.1 97.9 181.9  
98 64.1 43.9 81.5



#18  
Methyl tert-butyl Ether  
Concen: 218.12 ug/L  
RT: 2.770 min Scan# 538  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Tgt Ion: 73 Resp: 3836553  
Ion Ratio Lower Upper  
73 100  
43 19.3 15.4 23.0  
57 21.2 17.0 25.6



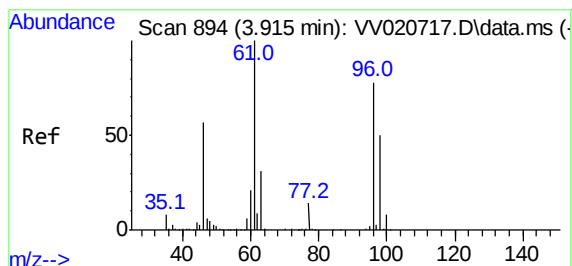
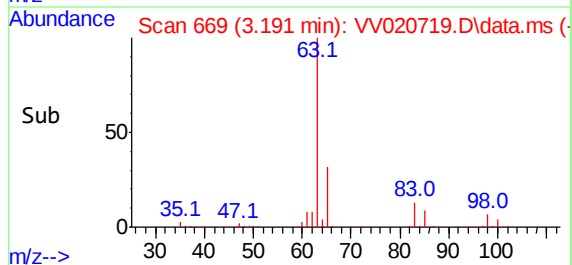
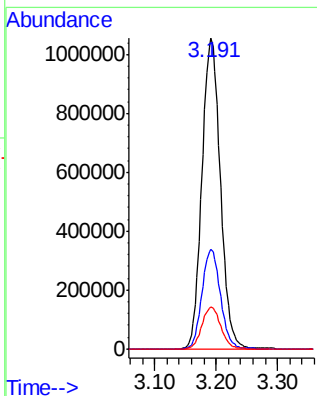
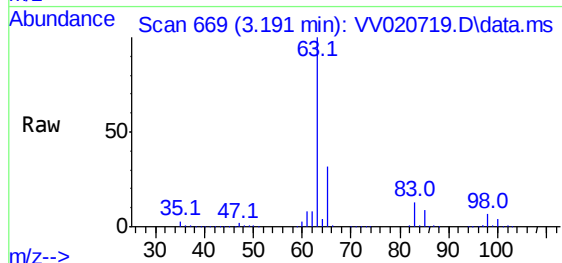


#19  
1,1-Dichloroethane  
Concen: 200.66 ug/L  
RT: 3.191 min Scan# 669  
Delta R.T. -0.003 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD20062

Tgt Ion: 63 Resp: 2193064

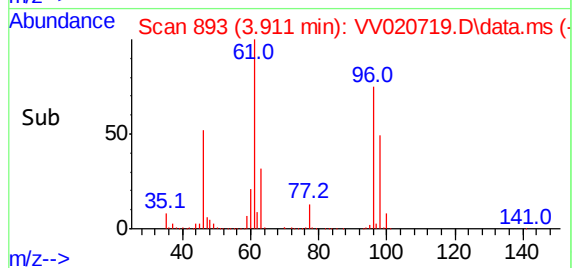
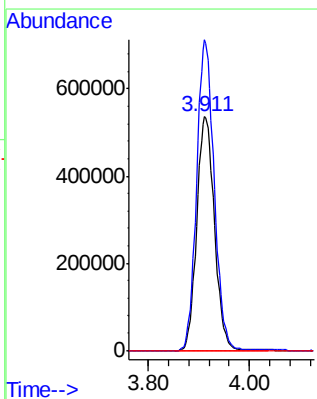
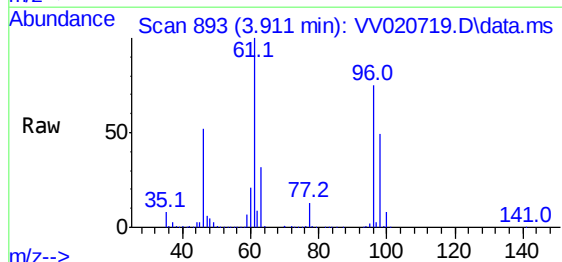
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 65  | 32.1  | 22.5  | 41.9  |
| 83  | 13.5  | 9.7   | 17.9  |

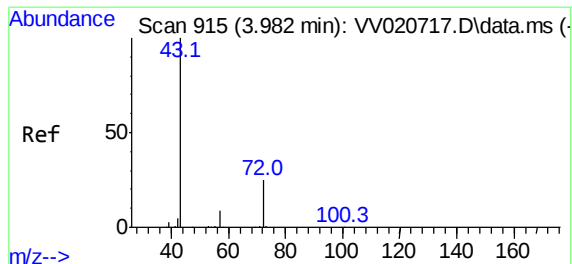


#20  
cis-1,2-Dichloroethene  
Concen: 217.90 ug/L  
RT: 3.911 min Scan# 893  
Delta R.T. -0.003 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Tgt Ion: 96 Resp: 1295865

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 133.0 | 89.9  | 167.0 |
| 68  | 0.0   | 0.0   | 0.0   |

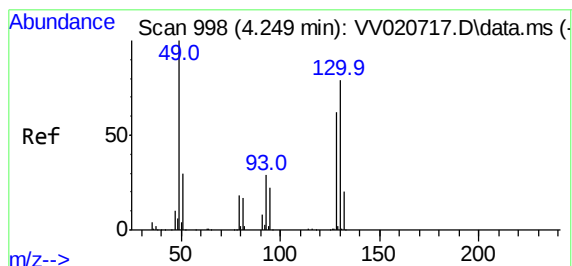
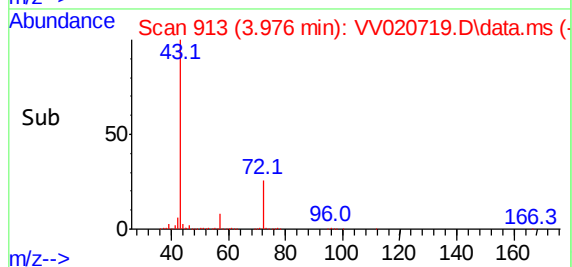
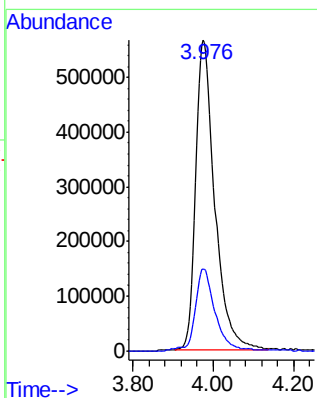
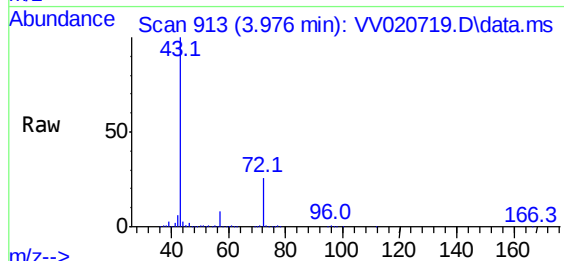




#22  
2-Butanone  
Concen: 403.26 ug/L  
RT: 3.976 min Scan# 913  
Delta R.T. -0.007 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

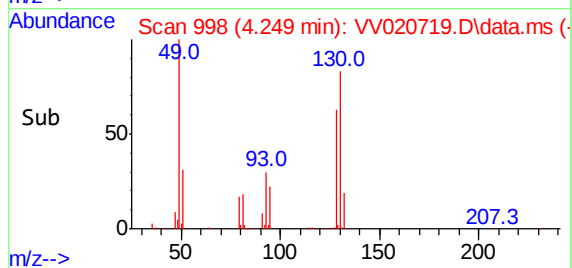
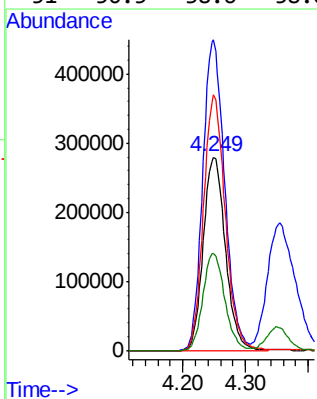
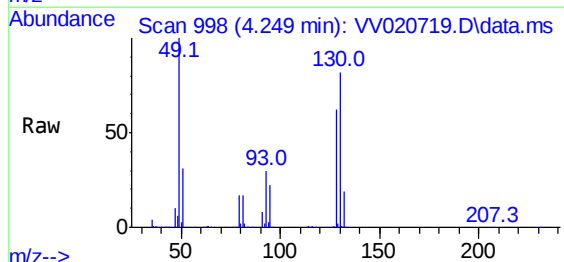
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD20062

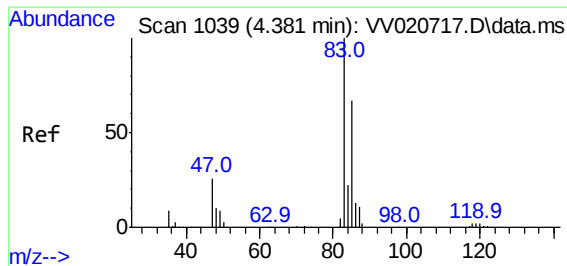
Tgt Ion: 43 Resp: 1826796  
Ion Ratio Lower Upper  
43 100  
72 26.6 11.9 35.9



#23  
Bromochloromethane  
Concen: 225.11 ug/L  
RT: 4.249 min Scan# 998  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Tgt Ion:128 Resp: 679434  
Ion Ratio Lower Upper  
128 100  
49 160.6 113.3 210.3  
130 132.2 88.7 164.7  
51 50.5 38.6 58.0

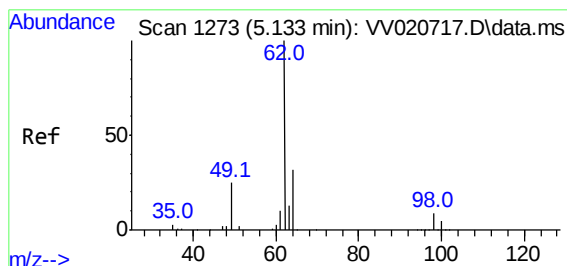
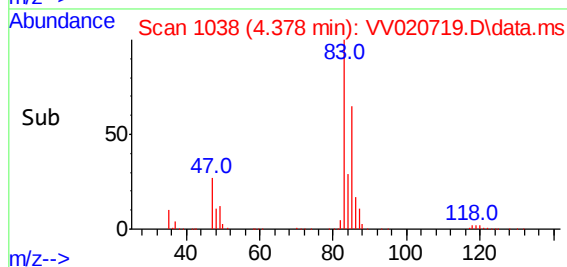
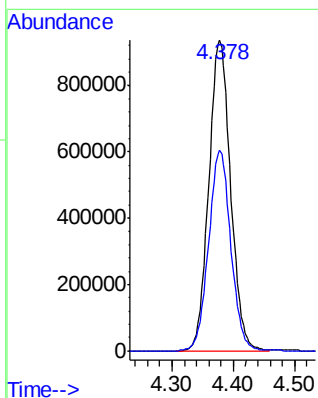
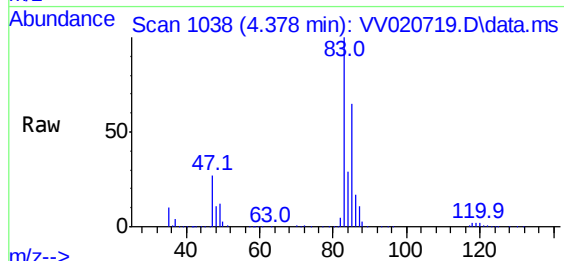




#25  
Chloroform  
Concen: 201.69 ug/L  
RT: 4.378 min Scan# 1038  
Delta R.T. -0.003 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

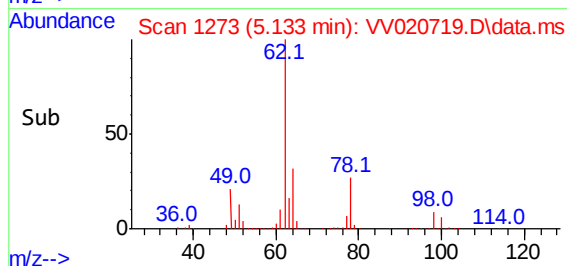
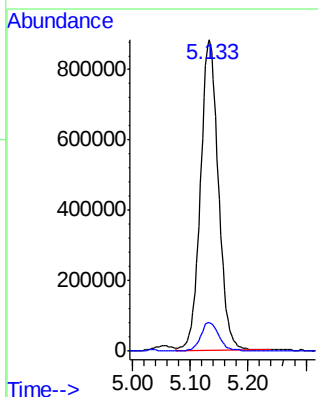
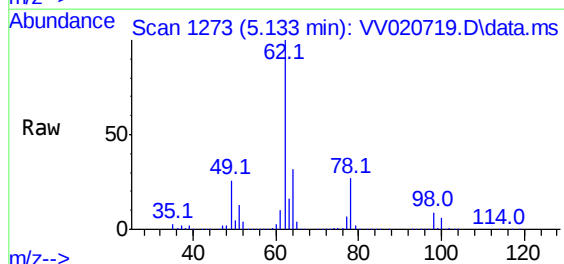
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD20062

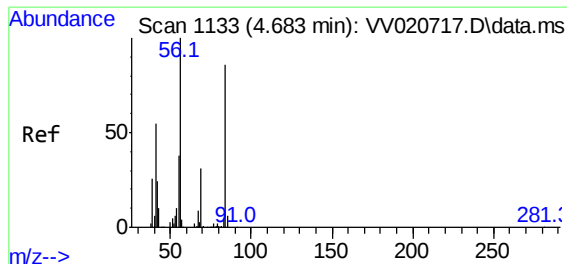
Tgt Ion: 83 Resp: 2314066  
Ion Ratio Lower Upper  
83 100  
85 64.6 46.7 86.7



#27  
1,2-Dichloroethane  
Concen: 207.66 ug/L  
RT: 5.133 min Scan# 1273  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Tgt Ion: 62 Resp: 1898336  
Ion Ratio Lower Upper  
62 100  
98 8.9 6.8 10.2



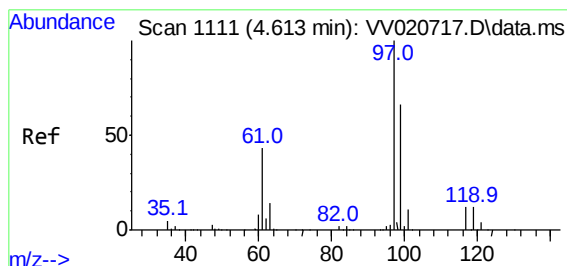
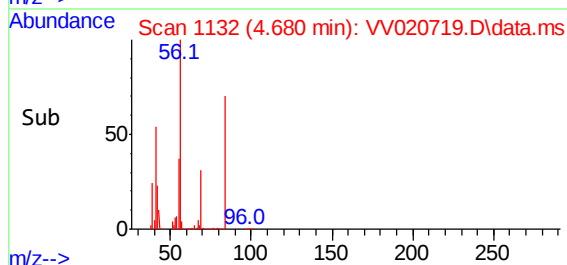
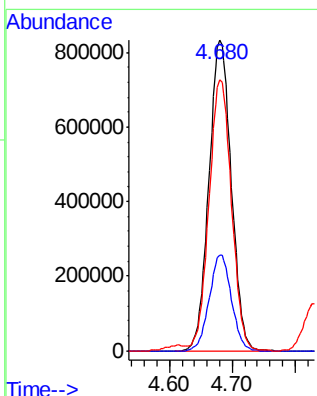
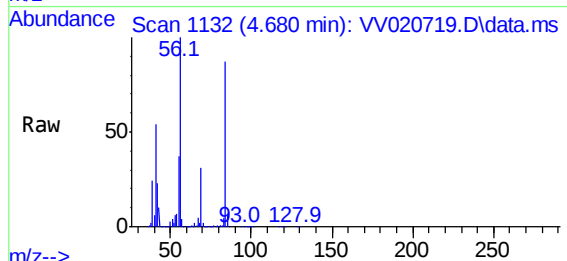


#29  
Cyclohexane  
Concen: 208.97 ug/L  
RT: 4.680 min Scan# 1132  
Delta R.T. -0.003 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD20062

Tgt Ion: 56 Resp: 2045188

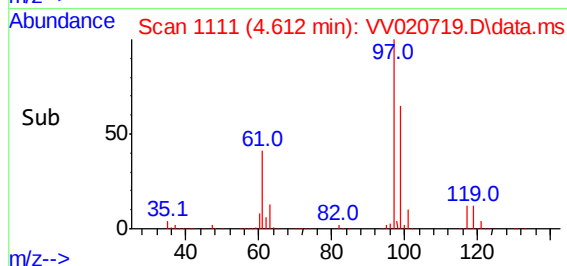
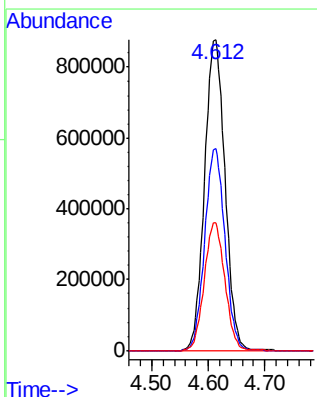
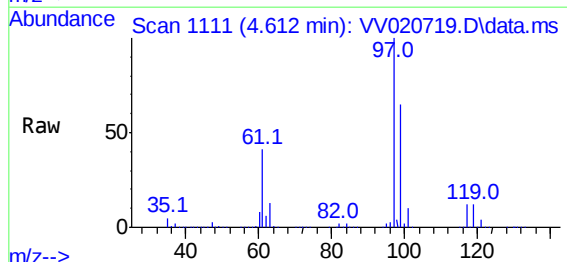
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 30.6  | 24.4  | 36.6  |
| 84  | 87.9  | 69.9  | 104.9 |

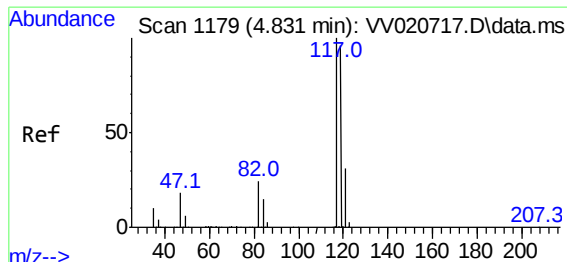


#30  
1,1,1-Trichloroethane  
Concen: 220.74 ug/L  
RT: 4.612 min Scan# 1111  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Tgt Ion: 97 Resp: 2189199

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.3  | 51.4  | 77.2  |
| 61  | 41.4  | 33.9  | 50.9  |

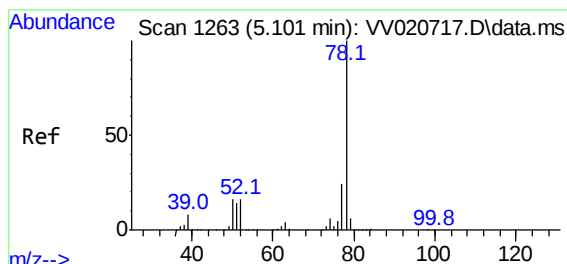
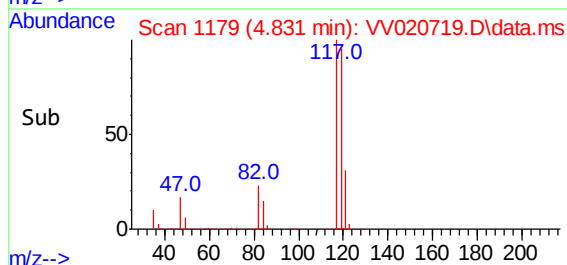
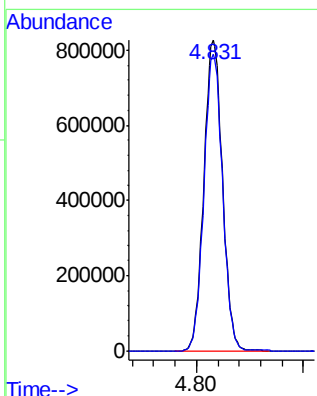
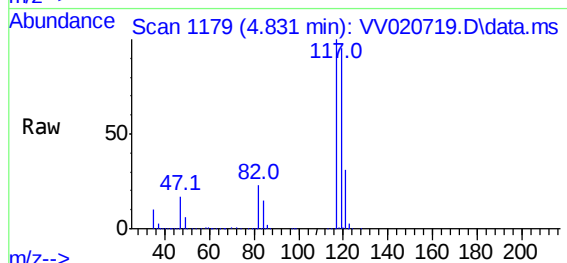




#31  
Carbon tetrachloride  
Concen: 239.55 ug/L  
RT: 4.831 min Scan# 1179  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

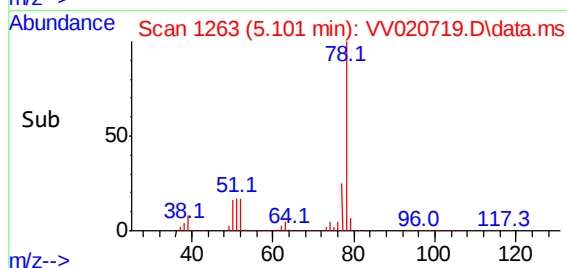
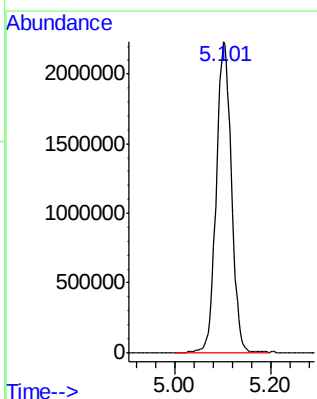
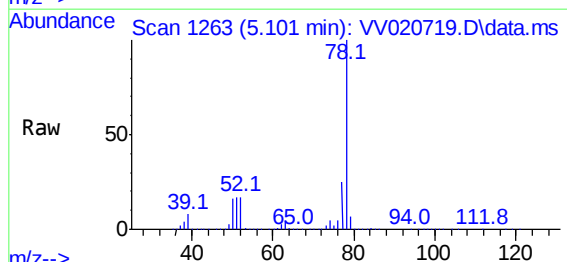
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD20062

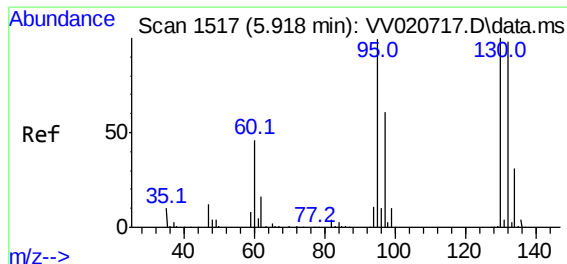
Tgt Ion:117 Resp: 1960676  
Ion Ratio Lower Upper  
117 100  
119 95.9 76.9 115.3



#33  
Benzene  
Concen: 200.88 ug/L  
RT: 5.101 min Scan# 1263  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Tgt Ion: 78 Resp: 4850013



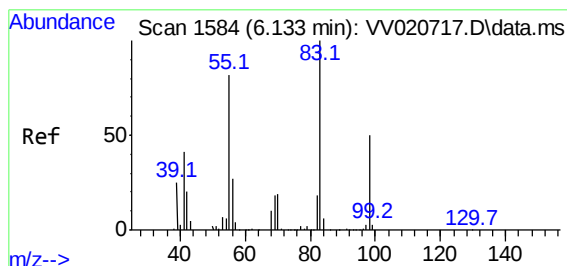
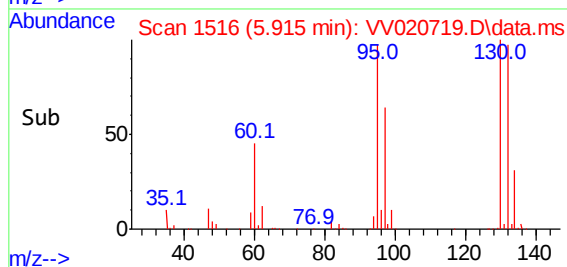
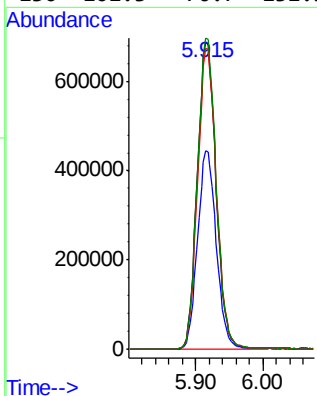
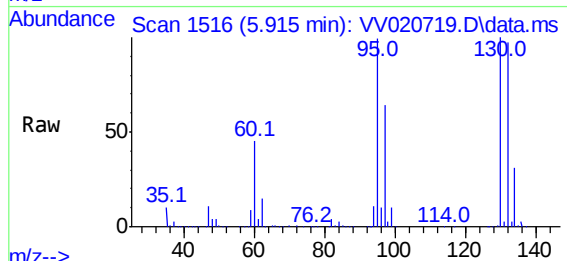


#34  
Trichloroethene  
Concen: 196.96 ug/L  
RT: 5.915 min Scan# 1516  
Delta R.T. -0.003 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD20062

Tgt Ion: 95 Resp: 1331952

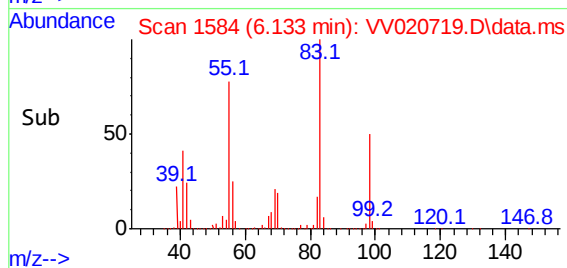
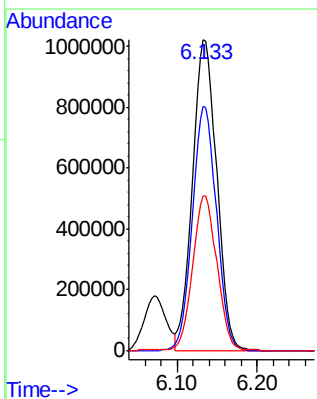
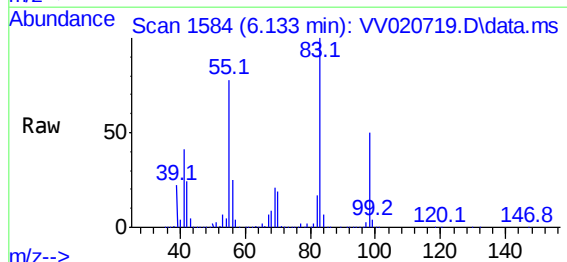
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 64.7  | 43.5  | 80.9  |
| 132 | 97.9  | 69.5  | 129.1 |
| 130 | 101.3 | 70.7  | 131.3 |

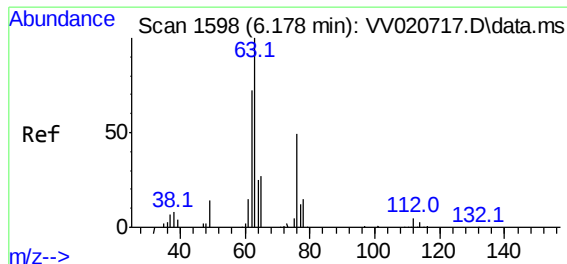


#35  
Methylcyclohexane  
Concen: 220.70 ug/L  
RT: 6.133 min Scan# 1584  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Tgt Ion: 83 Resp: 2098142

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 78.0  | 62.7  | 94.1  |
| 98  | 49.8  | 38.9  | 58.3  |

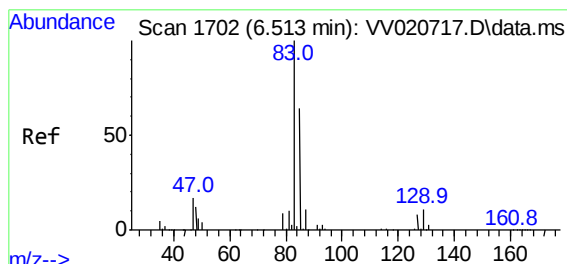
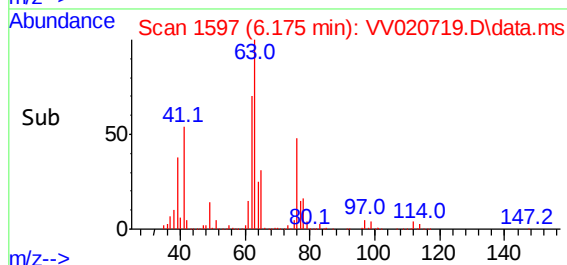
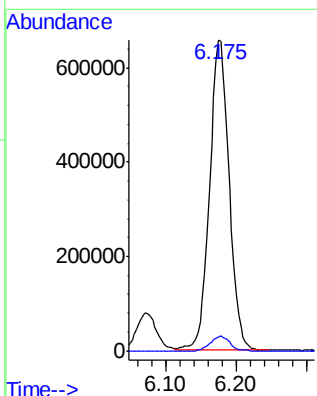
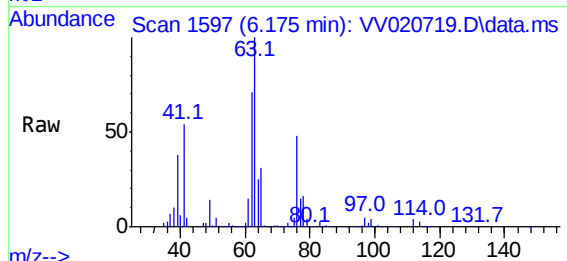




#37  
1,2-Dichloropropane  
Concen: 201.75 ug/L  
RT: 6.175 min Scan# 1597  
Delta R.T. -0.003 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

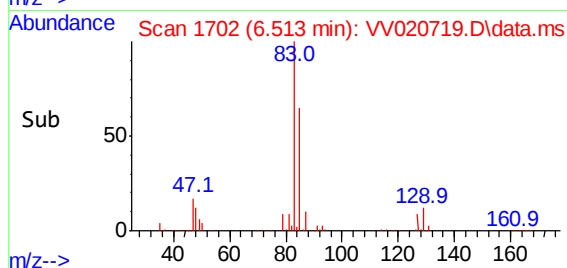
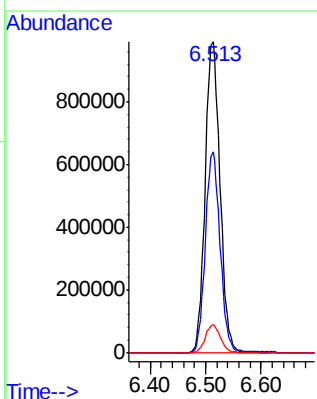
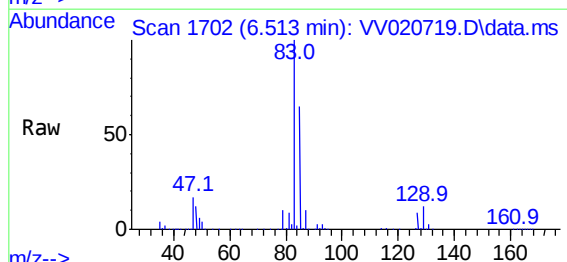
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD20062

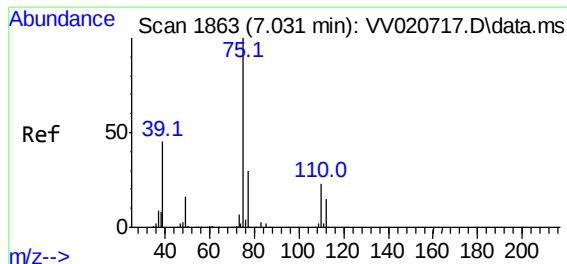
Tgt Ion: 63 Resp: 1272537  
Ion Ratio Lower Upper  
63 100  
112 4.6 3.7 5.5



#38  
Bromodichloromethane  
Concen: 216.91 ug/L  
RT: 6.513 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Tgt Ion: 83 Resp: 1832164  
Ion Ratio Lower Upper  
83 100  
85 64.6 44.5 82.7  
127 8.9 6.8 10.2

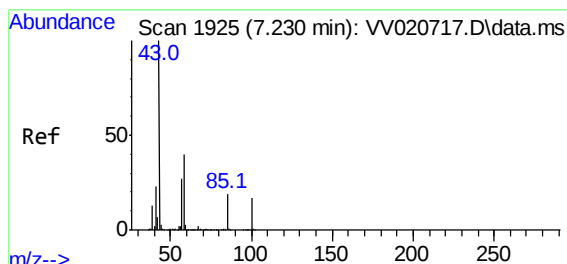
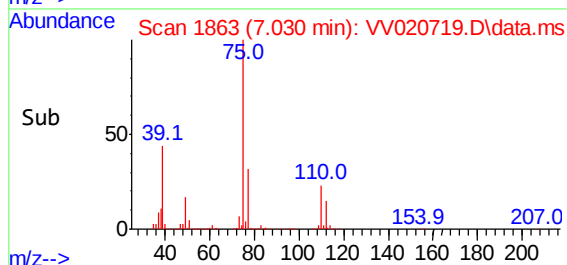
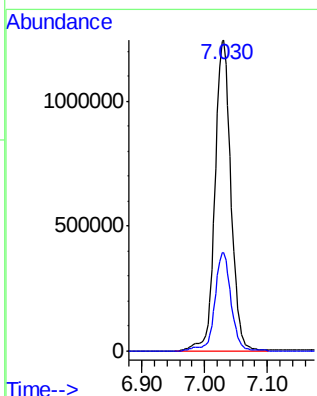
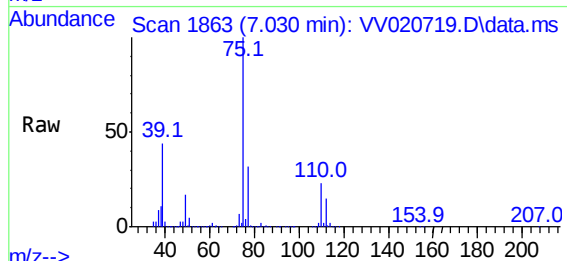




#39  
cis-1,3-Dichloropropene  
Concen: 232.56 ug/L  
RT: 7.030 min Scan# 1863  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

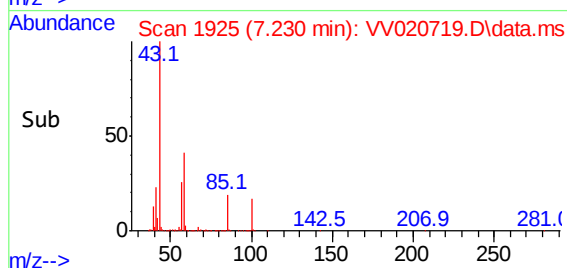
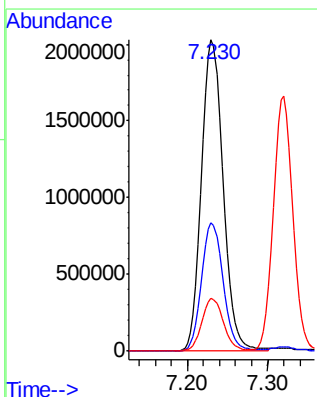
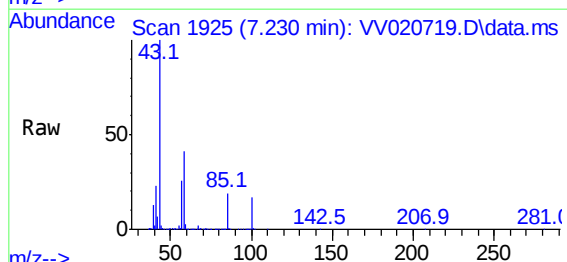
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD20062

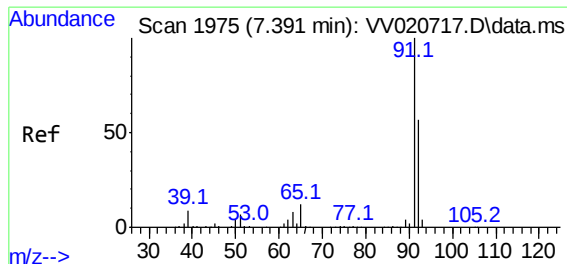
Tgt Ion: 75 Resp: 2194927  
Ion Ratio Lower Upper  
75 100  
77 31.7 21.7 40.3



#40  
4-Methyl-2-pentanone  
Concen: 396.58 ug/L  
RT: 7.230 min Scan# 1925  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Tgt Ion: 43 Resp: 3652936  
Ion Ratio Lower Upper  
43 100  
58 41.0 32.3 48.5  
100 16.5 13.0 19.4

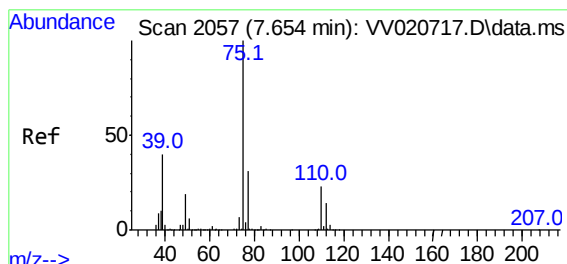
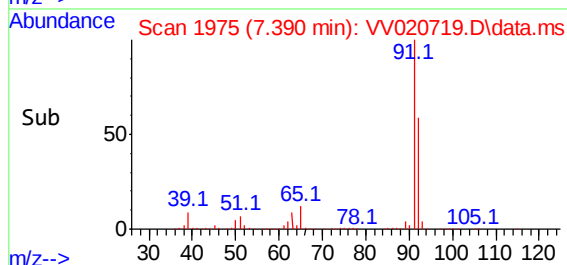
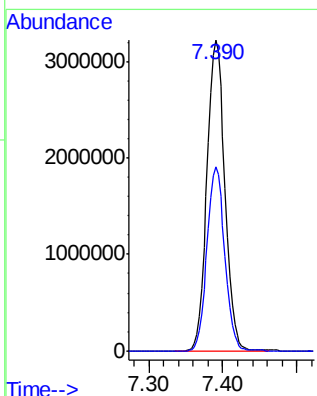
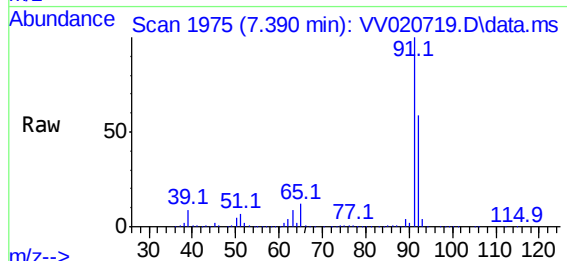




#42  
Toluene  
Concen: 212.08 ug/L  
RT: 7.390 min Scan# 1975  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

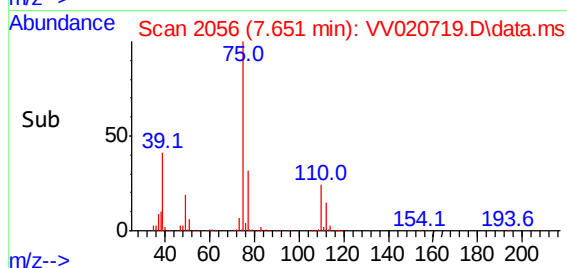
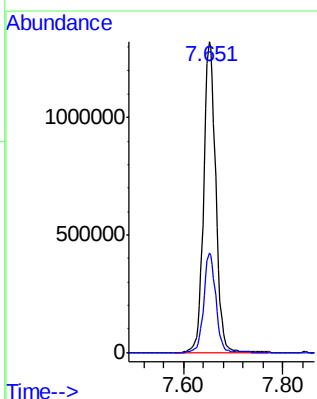
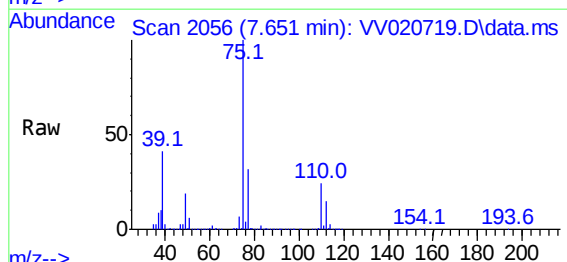
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD20062

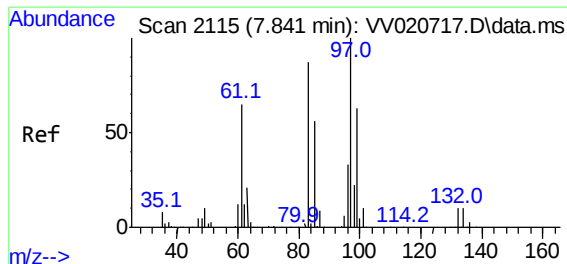
Tgt Ion: 91 Resp: 5387875  
Ion Ratio Lower Upper  
91 100  
92 59.1 39.9 74.1



#44  
trans-1,3-Dichloropropene  
Concen: 237.12 ug/L  
RT: 7.651 min Scan# 2056  
Delta R.T. -0.003 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Tgt Ion: 75 Resp: 2219689  
Ion Ratio Lower Upper  
75 100  
77 31.8 21.6 40.0



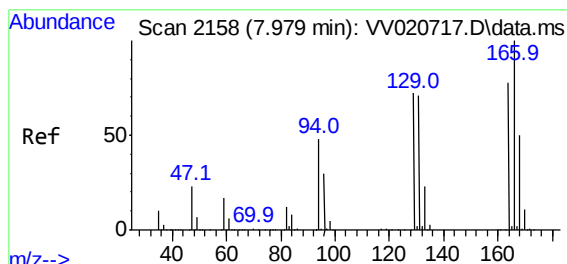
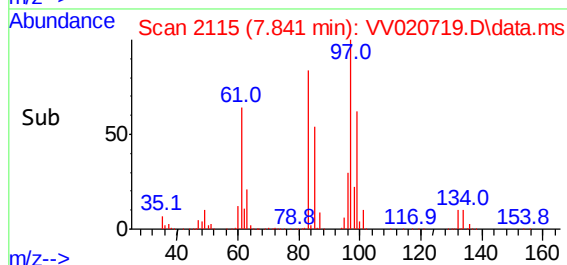
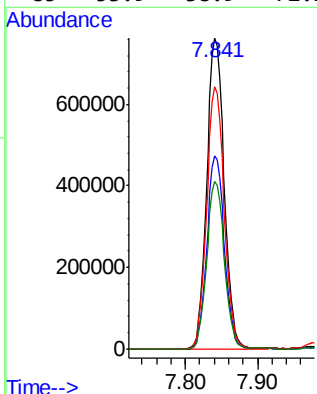
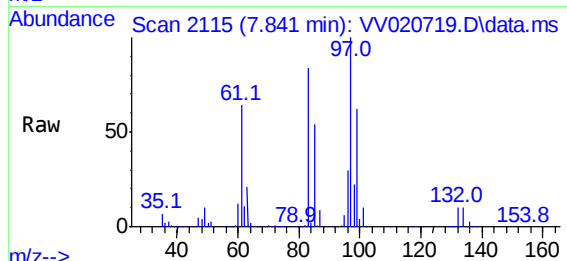


#45  
1,1,2-Trichloroethane  
Concen: 214.27 ug/L  
RT: 7.841 min Scan# 2115  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD20062

Tgt Ion: 97 Resp: 1264601

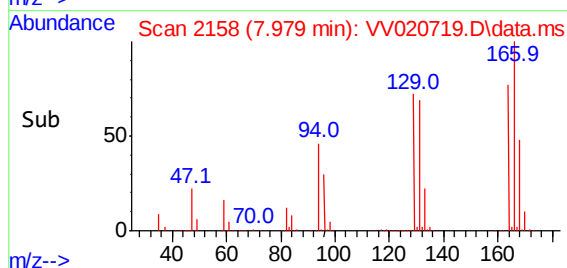
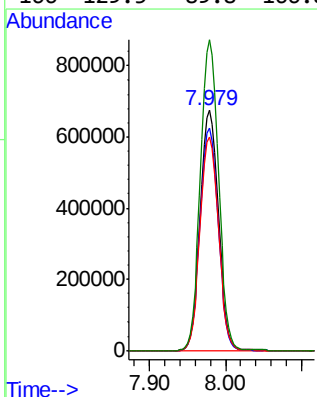
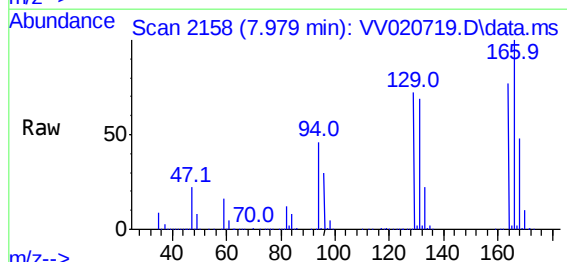
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 62.2  | 44.1  | 81.9  |
| 83  | 84.4  | 60.7  | 112.7 |
| 85  | 53.9  | 38.9  | 72.2  |

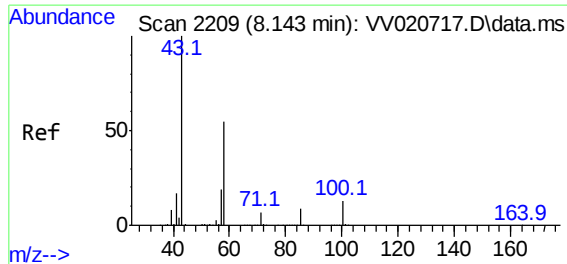


#46  
Tetrachloroethene  
Concen: 243.18 ug/L  
RT: 7.979 min Scan# 2158  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Tgt Ion: 164 Resp: 1114912

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 92.9  | 64.3  | 119.5 |
| 131 | 89.0  | 63.5  | 117.9 |
| 166 | 129.5 | 89.8  | 166.8 |



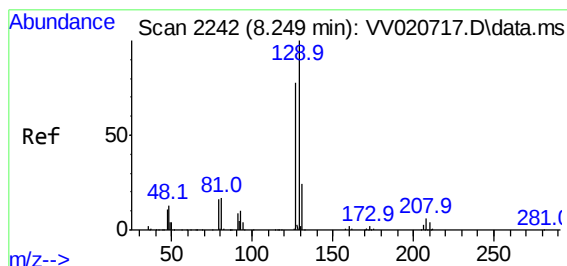
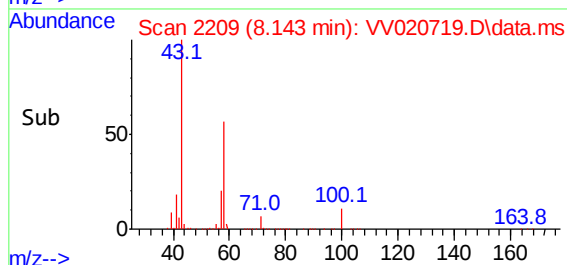
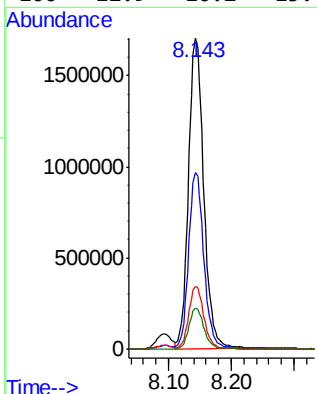
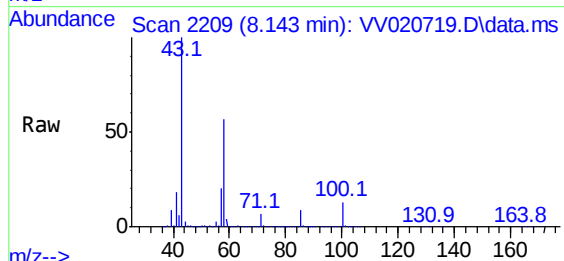


#48  
2-Hexanone  
Concen: 398.79 ug/L  
RT: 8.143 min Scan# 2209  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD20062

Tgt Ion: 43 Resp: 2872818

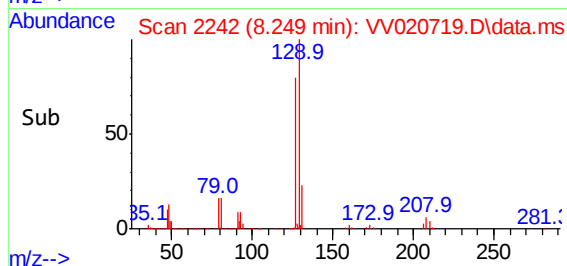
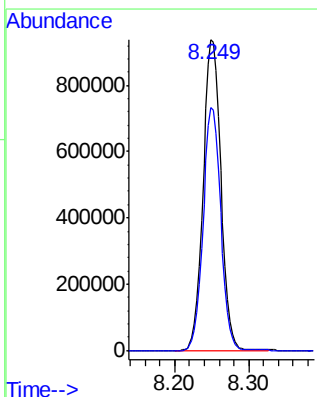
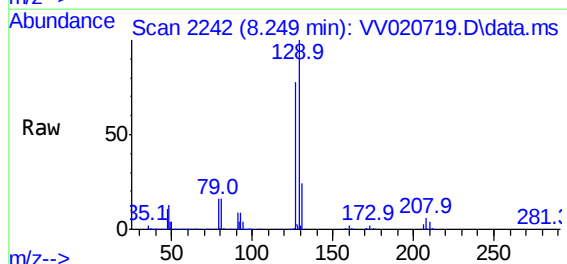
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 56.8  | 45.8  | 68.8  |
| 57  | 19.9  | 15.4  | 23.2  |
| 100 | 12.9  | 10.2  | 15.4  |

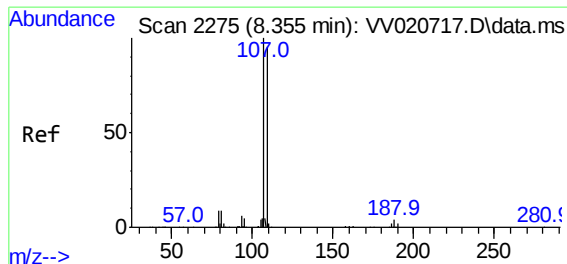


#49  
Dibromochloromethane  
Concen: 246.51 ug/L  
RT: 8.249 min Scan# 2242  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Tgt Ion: 129 Resp: 1556805

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 129 | 100   |       |       |
| 127 | 78.3  | 54.6  | 101.4 |

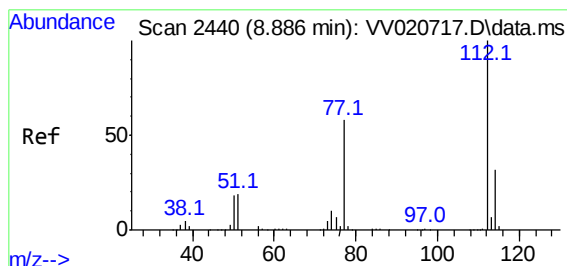
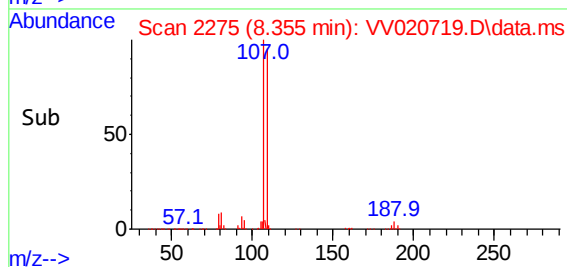
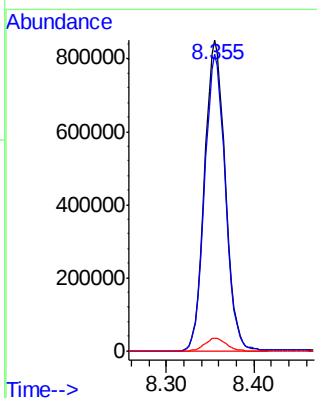
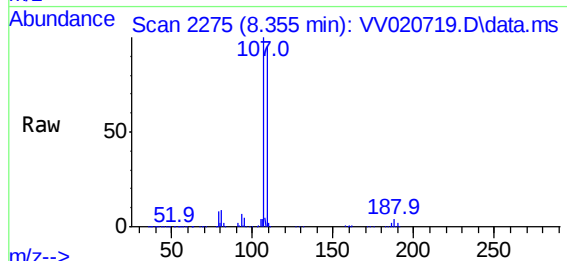




#50  
1,2-Dibromoethane  
Concen: 217.69 ug/L  
RT: 8.355 min Scan# 2275  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

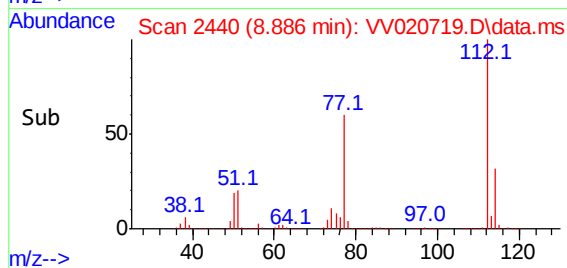
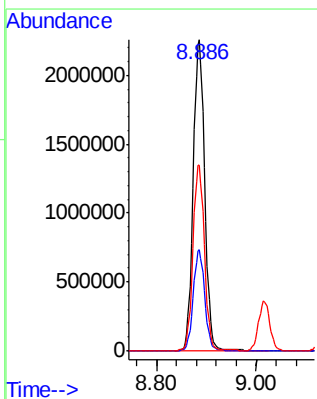
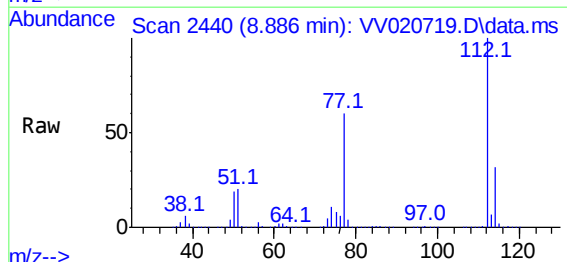
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD20062

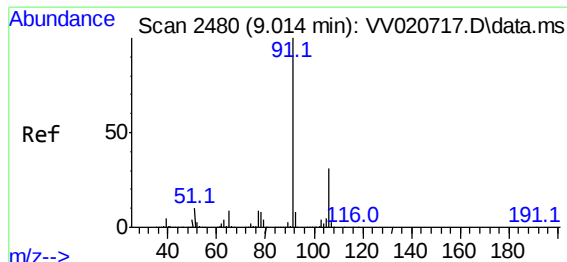
Tgt Ion:107 Resp: 1392280  
Ion Ratio Lower Upper  
107 100  
109 95.4 66.7 123.9  
188 4.1 3.0 4.4



#51  
Chlorobenzene  
Concen: 216.38 ug/L  
RT: 8.886 min Scan# 2440  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Tgt Ion:112 Resp: 3591948  
Ion Ratio Lower Upper  
112 100  
114 32.4 22.4 41.6  
77 59.6 46.7 70.1

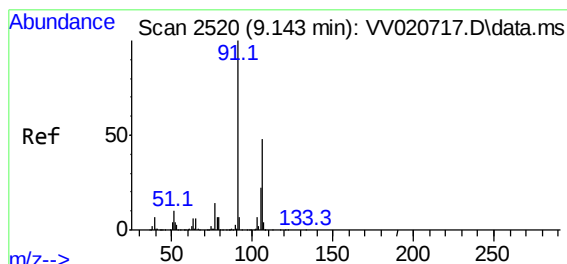
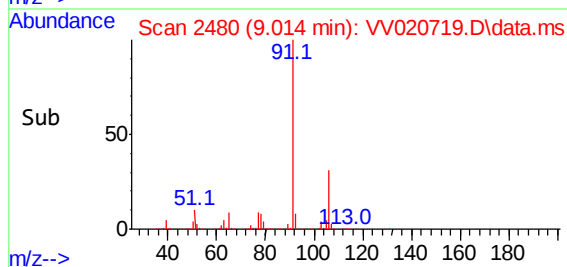
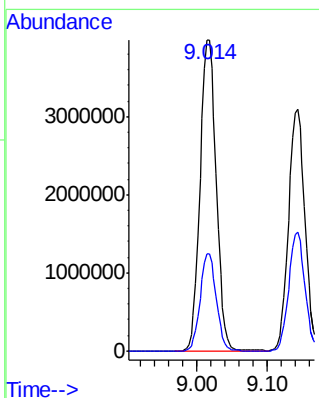
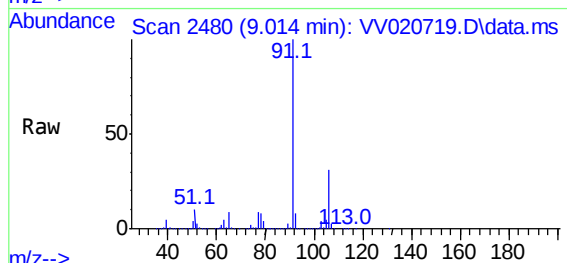




#52  
Ethylbenzene  
Concen: 218.81 ug/L  
RT: 9.014 min Scan# 2480  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

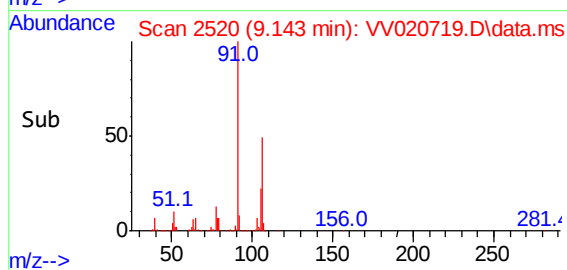
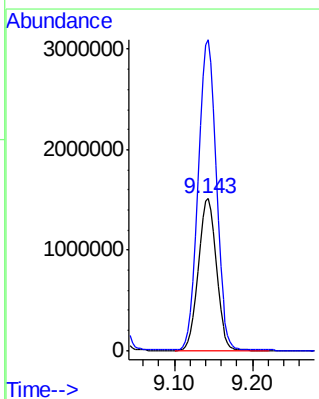
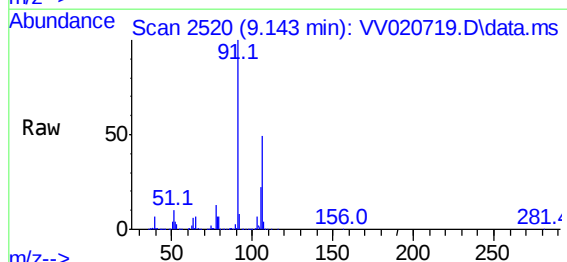
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD20062

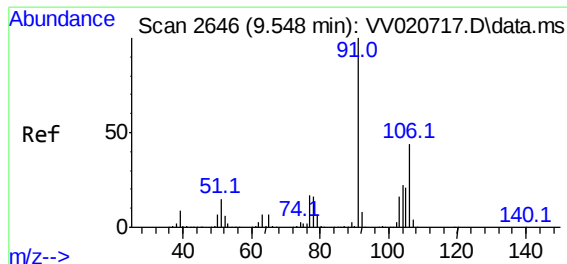
Tgt Ion: 91 Resp: 6290251  
Ion Ratio Lower Upper  
91 100  
106 31.4 21.4 39.8



#53  
m,p-Xylene  
Concen: 226.02 ug/L  
RT: 9.143 min Scan# 2520  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Tgt Ion:106 Resp: 2396675  
Ion Ratio Lower Upper  
106 100  
91 204.6 145.7 270.7

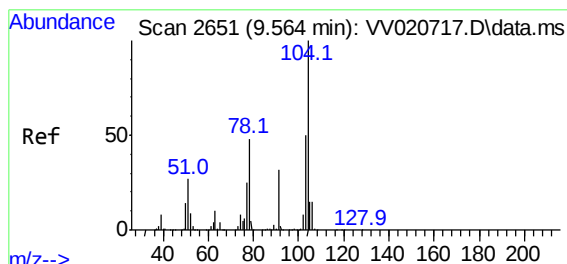
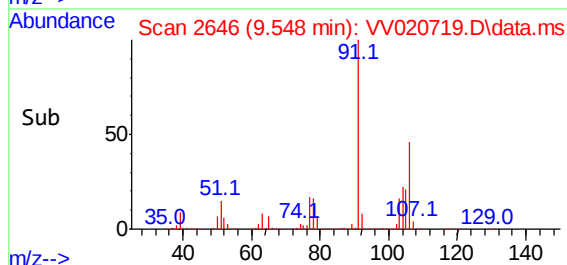
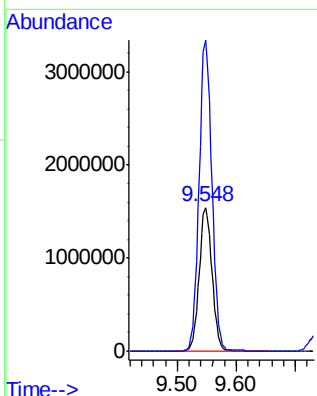
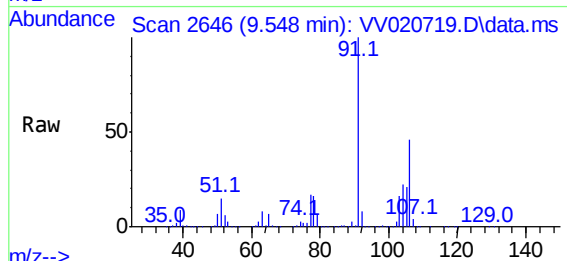




#54  
o-xylene  
Concen: 230.43 ug/L  
RT: 9.548 min Scan# 2646  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

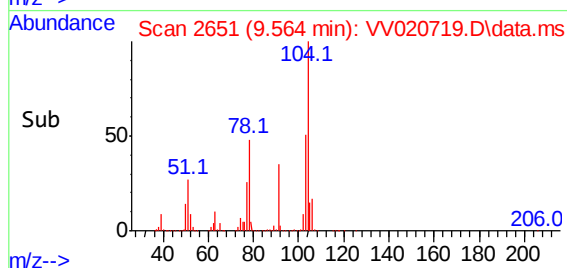
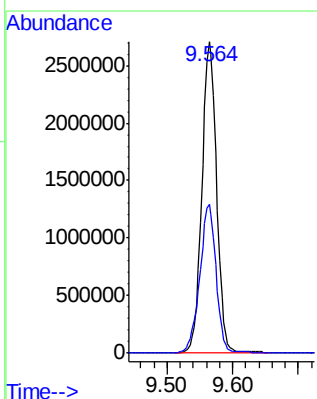
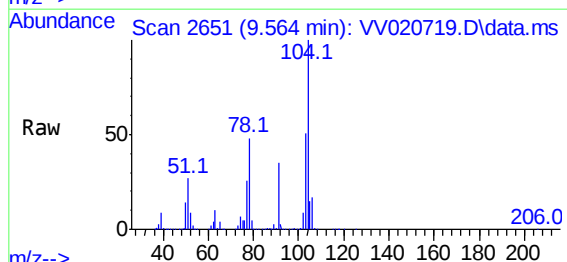
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD20062

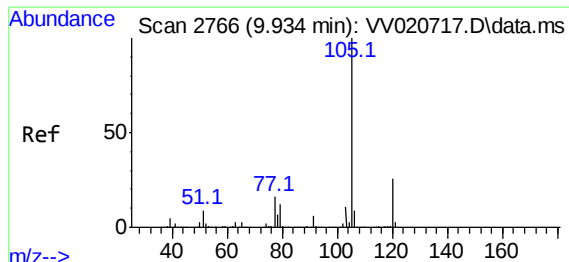
Tgt Ion:106 Resp: 2360967  
Ion Ratio Lower Upper  
106 100  
91 216.3 157.8 293.1



#55  
Styrene  
Concen: 231.95 ug/L  
RT: 9.564 min Scan# 2651  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Tgt Ion:104 Resp: 4151178  
Ion Ratio Lower Upper  
104 100  
78 47.7 33.6 62.4



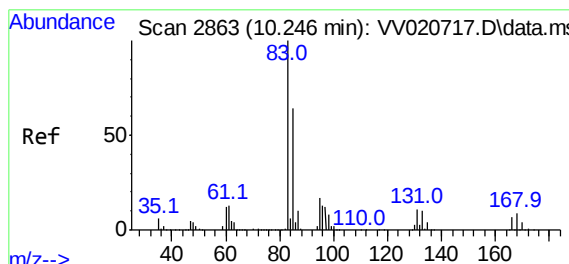
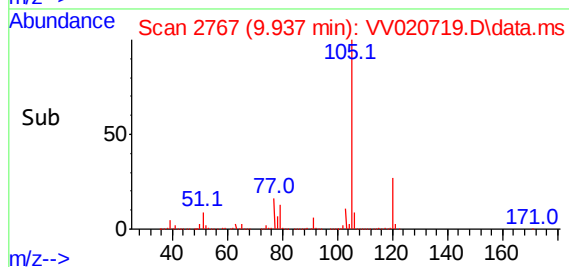
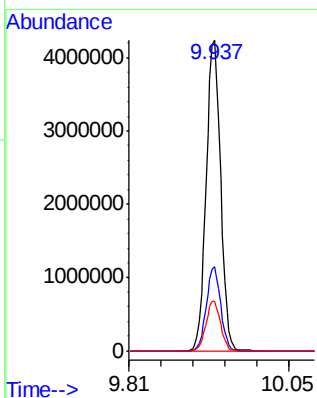
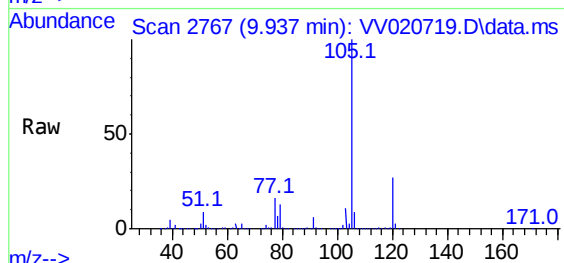


#56  
Isopropylbenzene  
Concen: 229.77 ug/L  
RT: 9.937 min Scan# 2767  
Delta R.T. 0.003 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Instrument :  
MSVOA\_V  
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Tgt Ion:105 Resp: 6383244

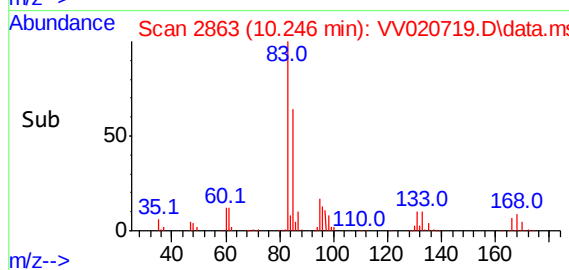
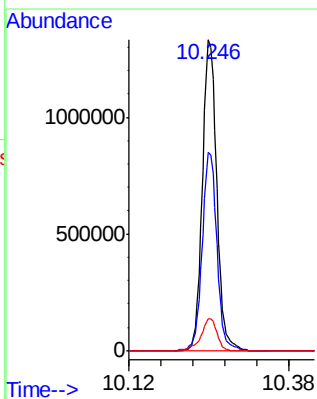
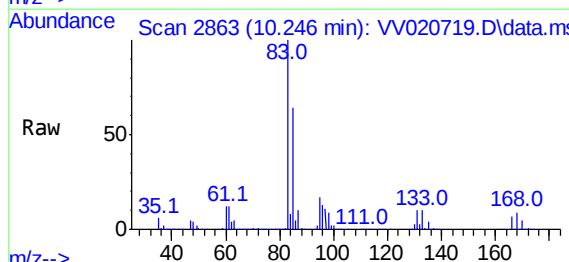
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 120 | 26.6  | 20.8  | 31.2  |
| 77  | 16.1  | 12.9  | 19.3  |

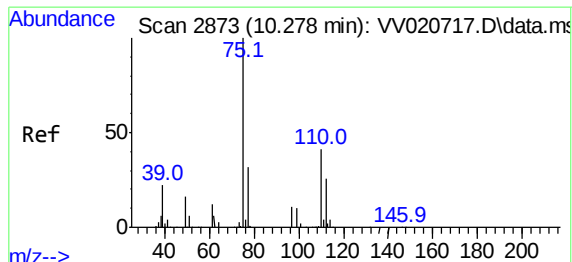


#58  
1,1,2,2-Tetrachloroethane  
Concen: 235.98 ug/L  
RT: 10.246 min Scan# 2863  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Tgt Ion: 83 Resp: 2125879

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 63.8  | 44.7  | 83.1  |
| 131 | 10.3  | 8.6   | 12.8  |

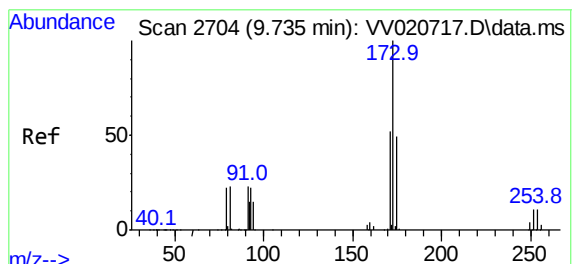
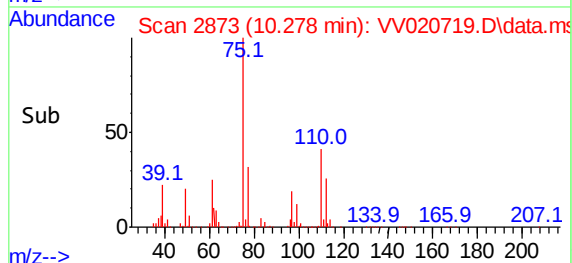
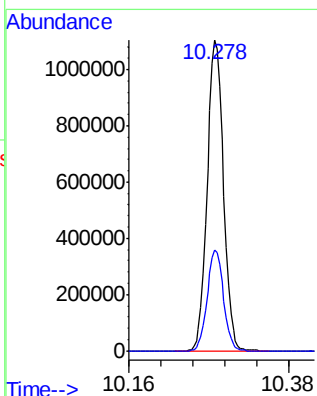
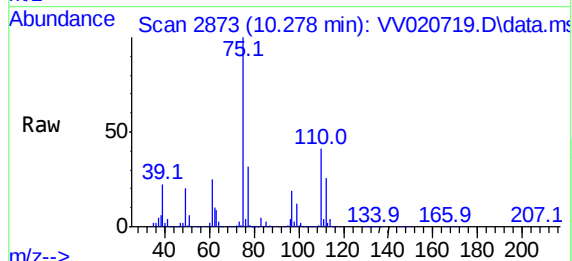




#59  
1,2,3-Trichloropropane  
Concen: 212.14 ug/L  
RT: 10.278 min Scan# 2873  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

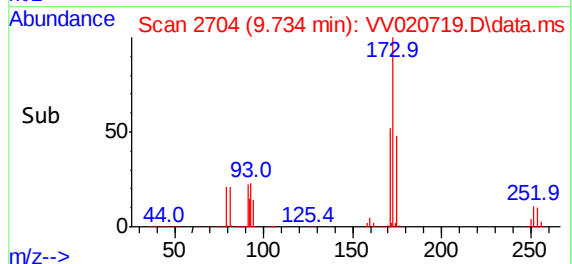
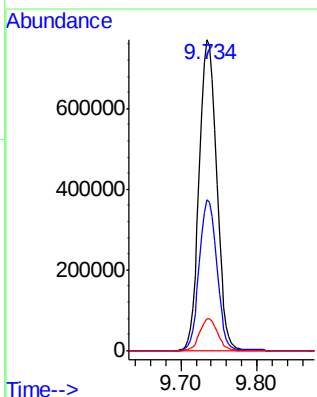
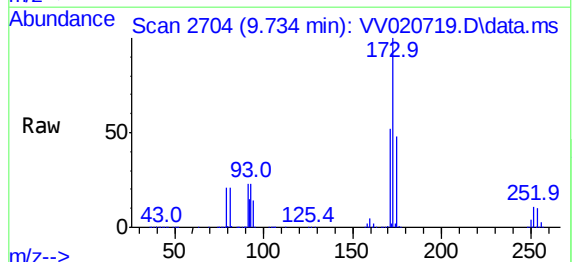
Instrument :  
MSVOA\_V  
ClientSampleId :  
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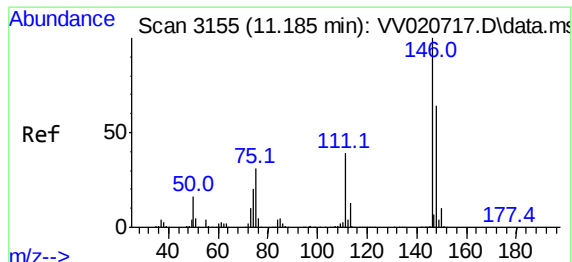
Tgt Ion: 75 Resp: 1707720  
Ion Ratio Lower Upper  
75 100  
77 32.5 25.3 37.9



#61  
Bromoform  
Concen: 256.79 ug/L  
RT: 9.734 min Scan# 2704  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Tgt Ion:173 Resp: 1220690  
Ion Ratio Lower Upper  
173 100  
175 48.7 38.4 57.6  
254 10.2 8.5 12.7

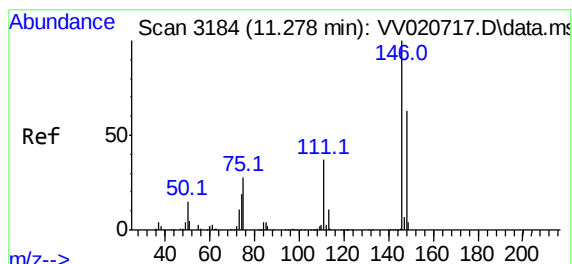
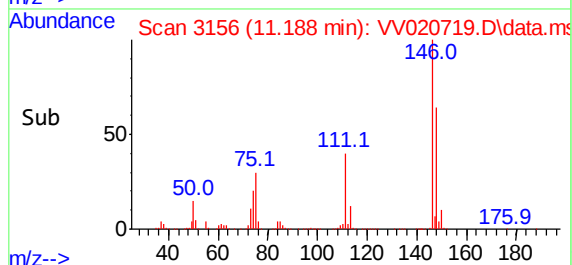
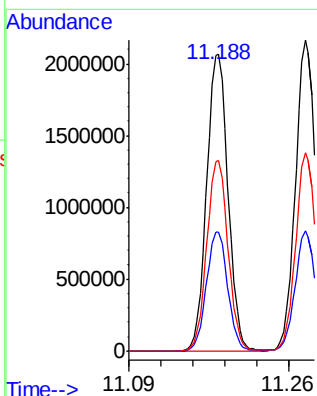
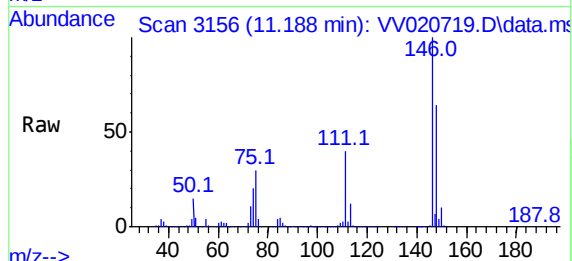




#62  
1,3-Dichlorobenzene  
Concen: 214.86 ug/L  
RT: 11.188 min Scan# 3156  
Delta R.T. 0.003 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

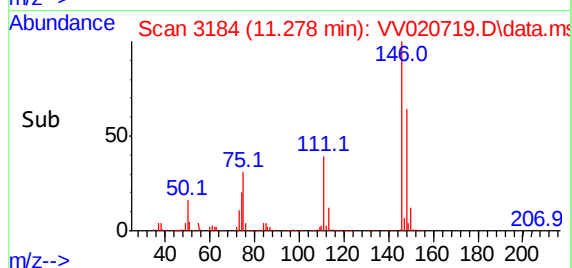
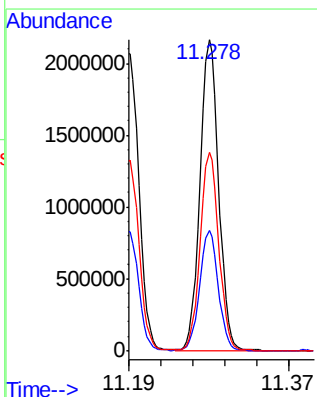
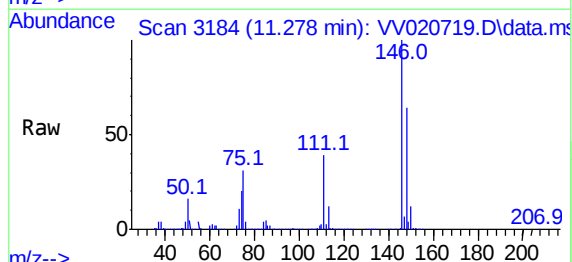
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD20062

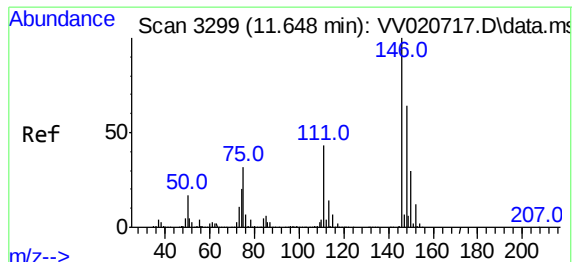
Tgt Ion:146 Resp: 3163477  
Ion Ratio Lower Upper  
146 100  
111 40.1 27.4 51.0  
148 63.9 44.9 83.5



#63  
1,4-Dichlorobenzene  
Concen: 206.52 ug/L  
RT: 11.278 min Scan# 3184  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Tgt Ion:146 Resp: 3184147  
Ion Ratio Lower Upper  
146 100  
111 38.5 26.0 48.4  
148 63.9 44.1 81.9

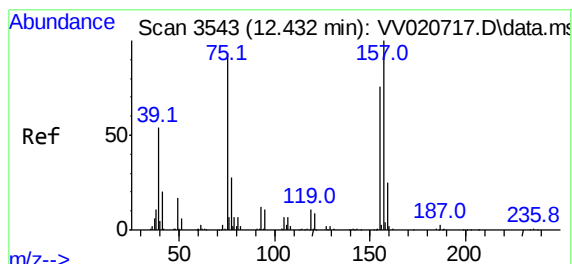
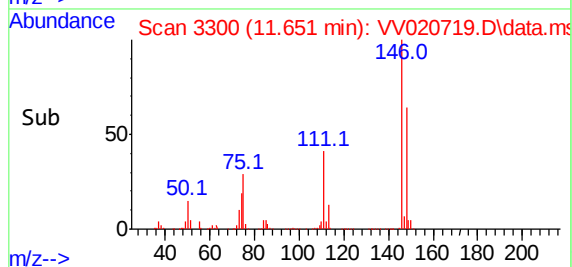
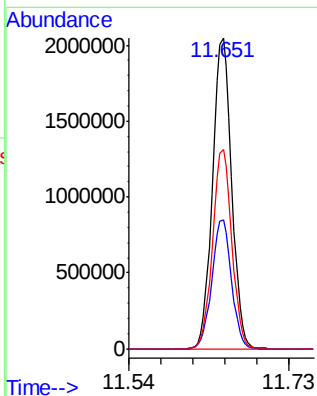
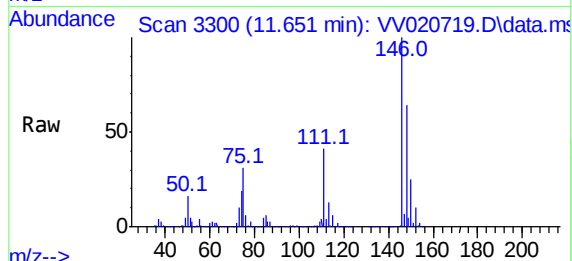




#65  
1,2-Dichlorobenzene  
Concen: 210.41 ug/L  
RT: 11.651 min Scan# 3300  
Delta R.T. 0.003 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

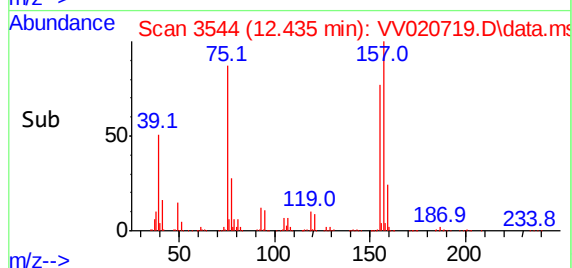
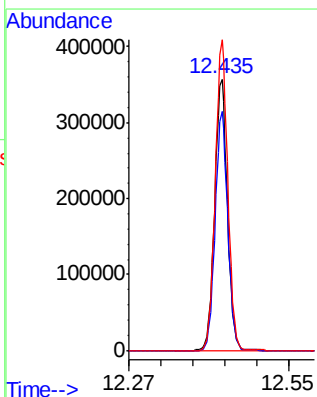
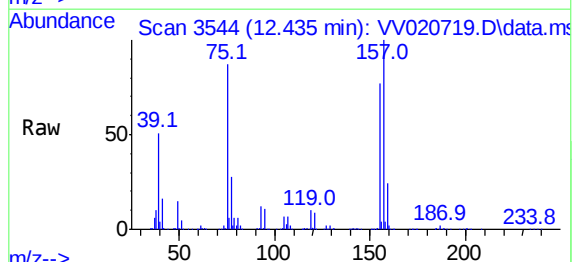
Instrument :  
MSVOA\_V  
ClientSampleId :  
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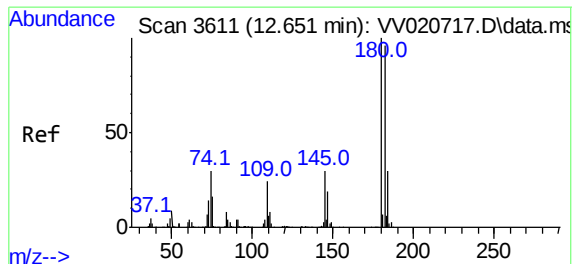
Tgt Ion:146 Resp: 3093449  
Ion Ratio Lower Upper  
146 100  
111 41.4 34.1 51.1  
148 64.3 51.4 77.0



#66  
1,2-Dibromo-3-chloropropane  
Concen: 239.68 ug/L  
RT: 12.435 min Scan# 3544  
Delta R.T. 0.003 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Tgt Ion: 75 Resp: 544657  
Ion Ratio Lower Upper  
75 100  
155 87.9 65.3 97.9  
157 114.5 85.8 128.6

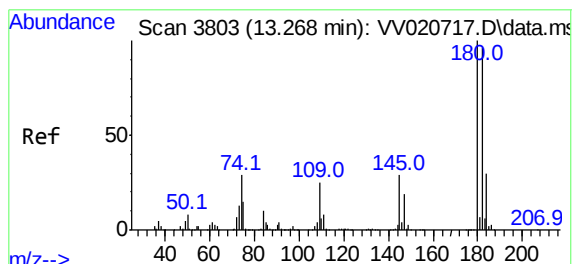
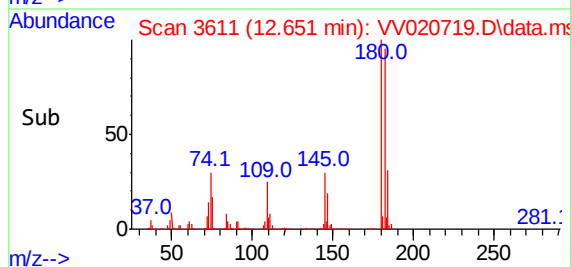
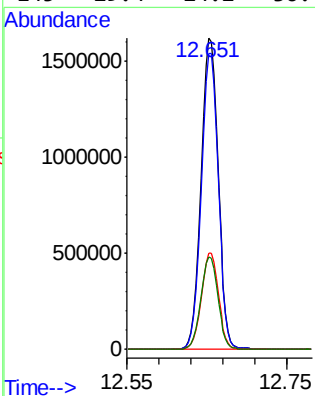
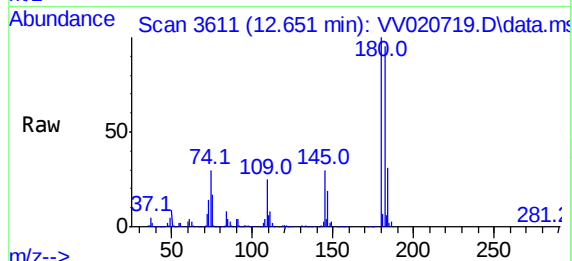




#67  
1,3,5-Trichlorobenzene  
Concen: 229.43 ug/L  
RT: 12.651 min Scan# 3611  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

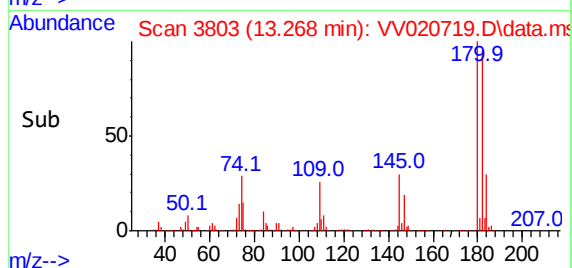
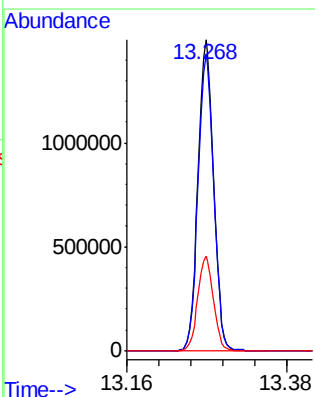
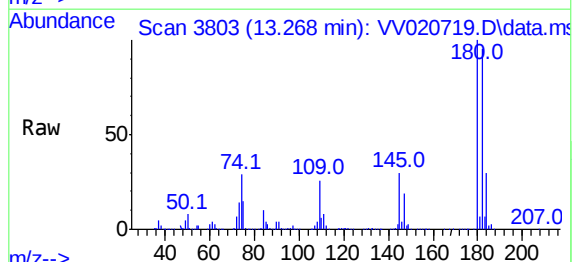
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD20062

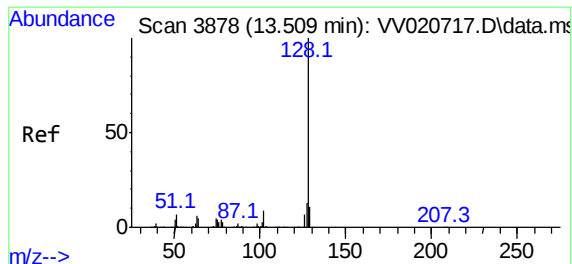
Tgt Ion:180 Resp: 2453336  
Ion Ratio Lower Upper  
180 100  
182 94.7 76.3 114.5  
184 30.6 24.5 36.7  
145 29.4 24.2 36.4



#68  
1,2,4-trichlorobenzene  
Concen: 240.36 ug/L  
RT: 13.268 min Scan# 3803  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Tgt Ion:180 Resp: 2237873  
Ion Ratio Lower Upper  
180 100  
182 95.6 75.8 113.6  
145 30.3 23.9 35.9

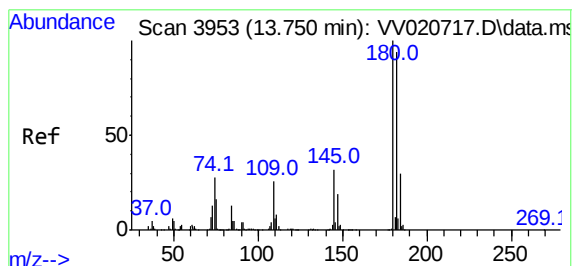
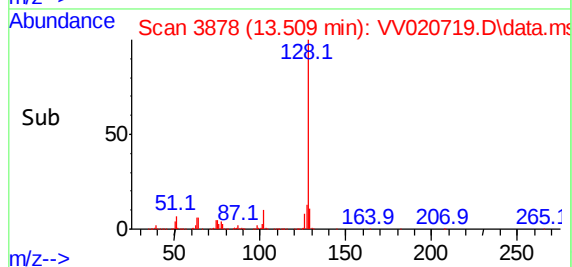
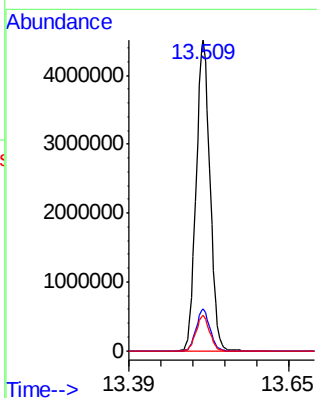
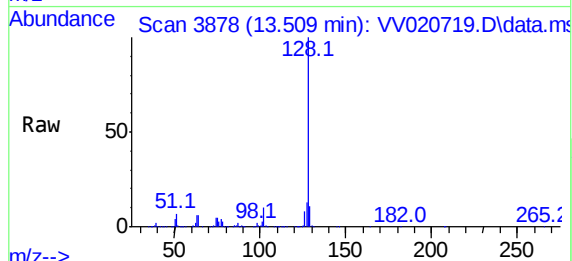




#69  
Naphthalene  
Concen: 232.67 ug/L  
RT: 13.509 min Scan# 3878  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD20062

Tgt Ion:128 Resp: 6878618  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.5 15.7  
129 11.1 8.7 13.1



#70  
1,2,3-Trichlorobenzene  
Concen: 233.01 ug/L  
RT: 13.750 min Scan# 3953  
Delta R.T. -0.000 min  
Lab File: VV020719.D  
Acq: 23 Mar 2021 18:37

Tgt Ion:180 Resp: 2148565  
Ion Ratio Lower Upper  
180 100  
182 95.8 75.2 112.8  
145 32.4 25.5 38.3

