

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW031021\  
 Data File : VW020490.D  
 Acq On : 10 Mar 2021 10:11  
 Operator : SY/MD  
 Sample : VSTDCCC005  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD00546

Quant Time: Mar 11 00:44:31 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVTR022221WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Mar 10 01:00:54 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 287920   | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.857  | 117   | 283117   | 5.00     | ug/L   | 0.00     |
| 61) 1,4-Dichlorobenzene-d4    | 11.255 | 152   | 163110   | 5.00     | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 93498    | 4.61     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 92.20%   |
| 7) Chloroethane-d5            | 1.564  | 69    | 73400    | 4.61     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 92.20%   |
| 11) 1,1-Dichloroethene-d2     | 2.104  | 63    | 172102   | 4.36     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 87.20%   |
| 20) 2-Butanone-d5             | 3.918  | 46    | 156654   | 44.61    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 89.22%   |
| 24) Chloroform-d              | 4.349  | 84    | 171864   | 4.74     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.80%   |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65    | 77424    | 4.39     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 87.80%   |
| 32) Benzene-d6                | 5.050  | 84    | 339854   | 4.79     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 95.80%   |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 96849    | 4.61     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 92.20%   |
| 41) Toluene-d8                | 7.316  | 98    | 335311   | 4.90     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 98.00%   |
| 45) trans-1,3-Dichloroprop... | 7.625  | 79    | 38332    | 4.78     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 95.60%   |
| 48) 2-Hexanone-d5             | 8.095  | 63    | 128118   | 45.54    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 91.08%   |
| 59) 1,1,2,2-Tetrachloroeth... | 10.223 | 84    | 66478    | 4.46     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 89.20%   |
| 65) 1,2-Dichlorobenzene-d4    | 11.631 | 152   | 138939   | 4.80     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 96.00%   |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.130  | 85    | 175390   | 4.89     | ug/L   | 100      |
| 3) Chloromethane              | 1.240  | 50    | 129646   | 4.09     | ug/L   | 96       |
| 5) Vinyl chloride             | 1.310  | 62    | 144318   | 4.27     | ug/L   | 98       |
| 6) Bromomethane               | 1.519  | 94    | 95943    | 4.40     | ug/L   | 99       |
| 8) Chloroethane               | 1.584  | 64    | 81699    | 4.01     | ug/L   | 98       |
| 9) Trichlorofluoromethane     | 1.751  | 101   | 222919   | 4.71     | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.114  | 101   | 129219   | 5.12     | ug/L   | 94       |
| 12) 1,1-Dichloroethene        | 2.114  | 96    | 115179   | 4.70     | ug/L   | 74       |
| 13) Acetone                   | 2.223  | 43    | 125706   | 39.48    | ug/L   | 95       |
| 14) Carbon disulfide          | 2.288  | 76    | 325079   | 4.30     | ug/L   | 98       |
| 15) Methyl Acetate            | 2.445  | 43    | 28926    | 3.75     | ug/L   | 98       |
| 16) Methylene chloride        | 2.503  | 84    | 116583   | 4.42     | ug/L   | 95       |
| 17) Methyl tert-butyl Ether   | 2.770  | 73    | 218267   | 4.32     | ug/L # | 93       |
| 18) trans-1,2-Dichloroethene  | 2.757  | 96    | 118296   | 4.61     | ug/L   | 92       |
| 19) 1,1-Dichloroethane        | 3.188  | 63    | 196704   | 4.35     | ug/L   | 96       |
| 21) 2-Butanone                | 3.995  | 43    | 201212   | 41.44    | ug/L   | 92       |
| 22) cis-1,2-Dichloroethene    | 3.911  | 96    | 124375   | 4.66     | ug/L   | 87       |
| 23) Bromochloromethane        | 4.249  | 128   | 57678    | 4.95     | ug/L   | 89       |
| 25) Chloroform                | 4.374  | 83    | 222868   | 4.66     | ug/L   | 100      |
| 27) 1,2-Dichloroethane        | 5.133  | 62    | 116440   | 4.25     | ug/L   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW031021\  
 Data File : VW020490.D  
 Acq On : 10 Mar 2021 10:11  
 Operator : SY/MD  
 Sample : VSTDCCC005  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD00546

Quant Time: Mar 11 00:44:31 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVTR022221WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Mar 10 01:00:54 2021  
 Response via : Initial Calibration

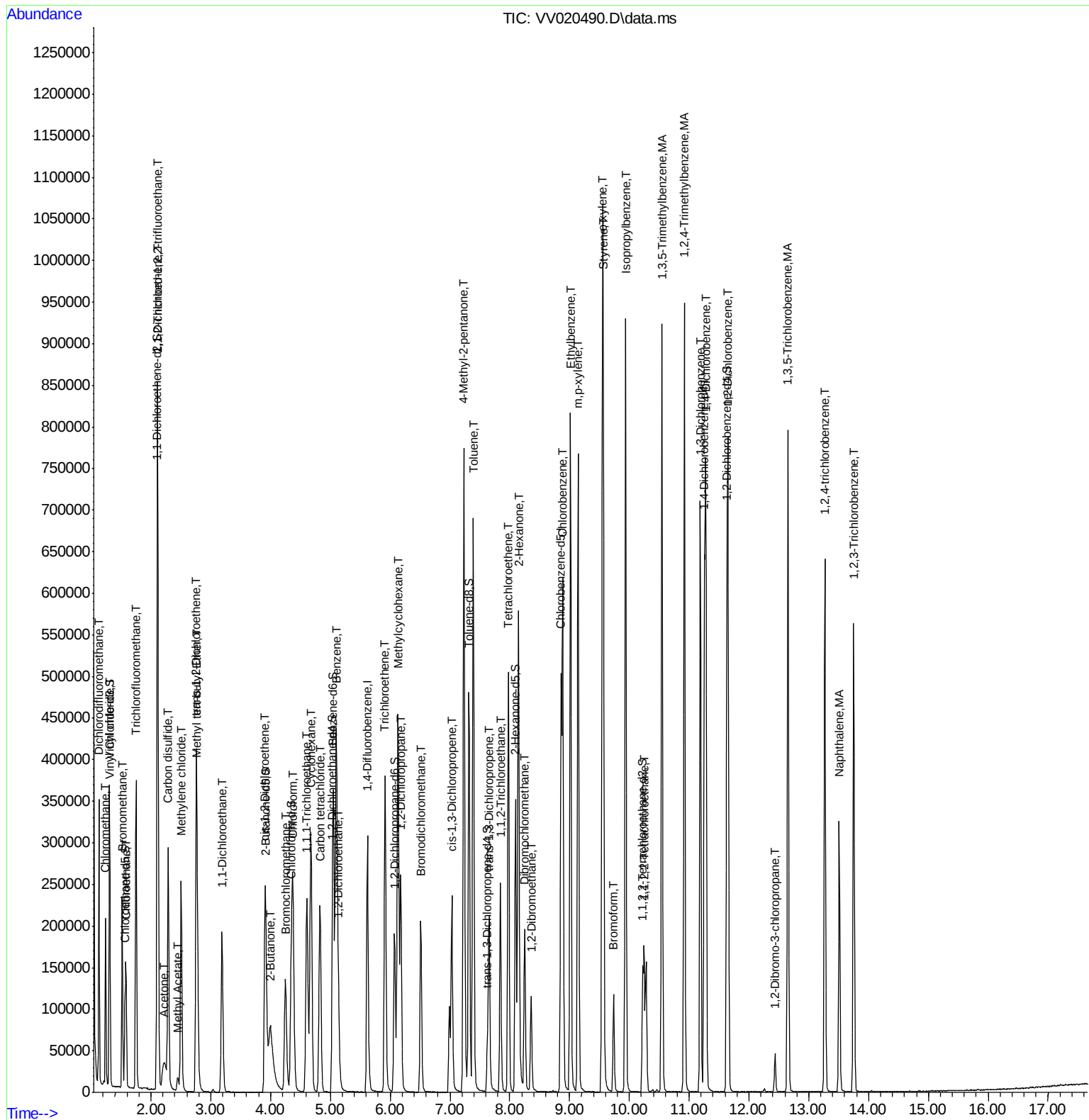
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 29) 1,1,1-Trichloroethane     | 4.606  | 97   | 198093   | 4.69  | ug/L   | 95       |
| 30) Cyclohexane               | 4.674  | 56   | 167792   | 4.42  | ug/L   | 93       |
| 31) Carbon tetrachloride      | 4.828  | 117  | 179374   | 4.97  | ug/L   | 100      |
| 33) Benzene                   | 5.098  | 78   | 464257   | 4.53  | ug/L   | 100      |
| 34) Trichloroethene           | 5.915  | 95   | 132746   | 4.61  | ug/L   | 96       |
| 35) Methylcyclohexane         | 6.130  | 83   | 200056   | 4.80  | ug/L   | 94       |
| 37) 1,2-Dichloropropane       | 6.175  | 63   | 105994   | 4.34  | ug/L   | 99       |
| 38) Bromodichloromethane      | 6.513  | 83   | 143589   | 4.51  | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 7.030  | 75   | 152938   | 4.45  | ug/L   | 100      |
| 40) 4-Methyl-2-pentanone      | 7.233  | 43   | 492863   | 40.64 | ug/L # | 90       |
| 42) Toluene                   | 7.390  | 91   | 528203   | 4.75  | ug/L   | 99       |
| 43) 1,3,5-Trimethylbenzene    | 10.545 | 105  | 500641   | 5.09  | ug/L   | 99       |
| 44) 1,2,4-Trimethylbenzene    | 10.921 | 105  | 512972   | 5.12  | ug/L   | 97       |
| 46) trans-1,3-Dichloropropene | 7.654  | 75   | 129535   | 4.62  | ug/L   | 99       |
| 47) 1,1,2-Trichloroethane     | 7.844  | 97   | 81834    | 4.63  | ug/L   | 93       |
| 49) Tetrachloroethene         | 7.979  | 164  | 122898   | 5.16  | ug/L   | 95       |
| 50) 2-Hexanone                | 8.146  | 43   | 356033   | 41.88 | ug/L # | 88       |
| 51) Dibromochloromethane      | 8.249  | 129  | 103091   | 5.02  | ug/L   | 96       |
| 52) 1,2-Dibromoethane         | 8.358  | 107  | 76812    | 4.80  | ug/L   | 99       |
| 53) Chlorobenzene             | 8.886  | 112  | 354160   | 4.83  | ug/L   | 96       |
| 54) Ethylbenzene              | 9.014  | 91   | 574049   | 4.71  | ug/L   | 97       |
| 55) m,p-xylene                | 9.143  | 106  | 229965   | 5.01  | ug/L   | 95       |
| 56) o-xylene                  | 9.548  | 106  | 217737   | 4.94  | ug/L   | 94       |
| 57) Styrene                   | 9.564  | 104  | 373992   | 5.05  | ug/L   | 93       |
| 58) Isopropylbenzene          | 9.937  | 105  | 602826   | 5.04  | ug/L   | 97       |
| 60) 1,1,2,2-Tetrachloroethane | 10.246 | 83   | 79779    | 4.25  | ug/L   | 100      |
| 62) Bromoform                 | 9.738  | 173  | 56301    | 4.91  | ug/L   | 98       |
| 63) 1,3-Dichlorobenzene       | 11.185 | 146  | 312420   | 4.80  | ug/L   | 97       |
| 64) 1,4-Dichlorobenzene       | 11.278 | 146  | 313965   | 4.75  | ug/L   | 97       |
| 66) 1,2-Dichlorobenzene       | 11.648 | 146  | 279584   | 4.72  | ug/L   | 98       |
| 67) 1,2-Dibromo-3-chloropr... | 12.435 | 75   | 11430    | 3.93  | ug/L   | 88       |
| 68) 1,3,5-Trichlorobenzene    | 12.651 | 180  | 265112   | 5.02  | ug/L   | 99       |
| 69) 1,2,4-trichlorobenzene    | 13.268 | 180  | 208013   | 4.95  | ug/L   | 98       |
| 70) Naphthalene               | 13.512 | 128  | 262811   | 4.49  | ug/L   | 98       |
| 71) 1,2,3-Trichlorobenzene    | 13.750 | 180  | 186244   | 5.09  | ug/L   | 96       |

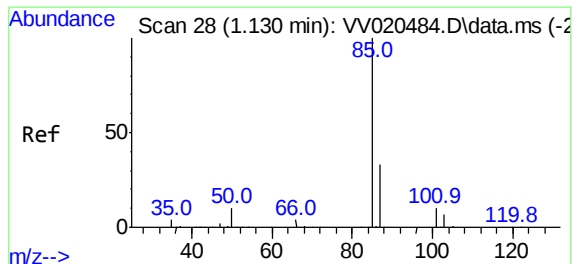
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031021\  
Data File : VV020490.D  
Acq On : 10 Mar 2021 10:11  
Operator : SY/MD  
Sample : VSTD00005  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00546

Quant Time: Mar 11 00:44:31 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVTR022221WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Wed Mar 10 01:00:54 2021  
Response via : Initial Calibration

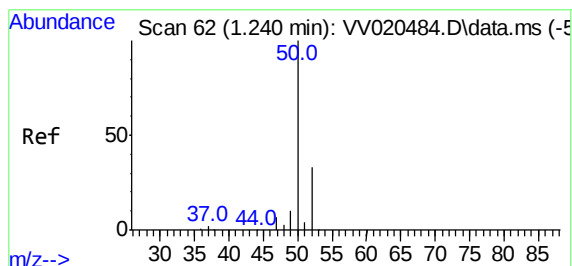
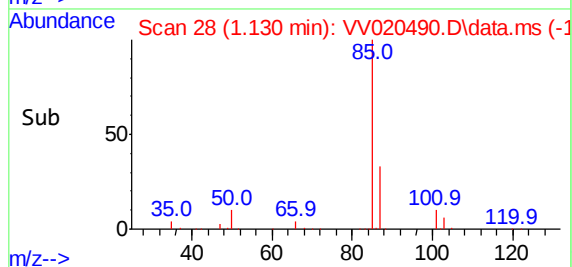
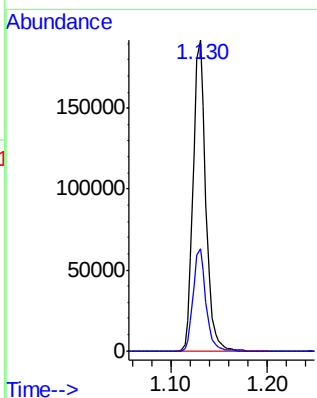
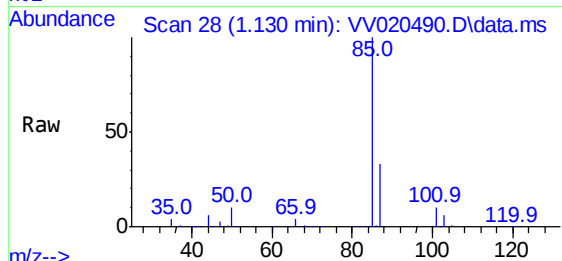




#2  
Dichlorodifluoromethane  
Concen: 4.89 ug/L  
RT: 1.130 min Scan# 28  
Delta R.T. -0.000 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

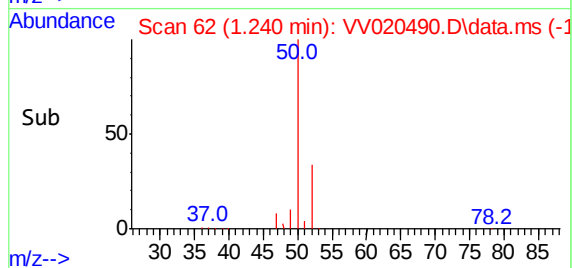
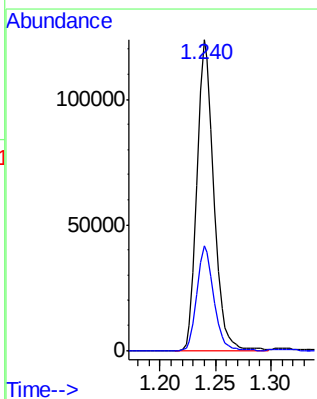
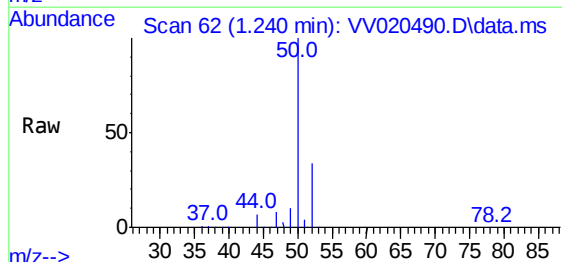
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00546

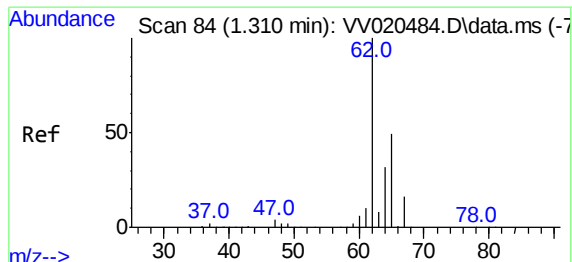
Tgt Ion: 85 Resp: 175390  
Ion Ratio Lower Upper  
85 100  
87 32.9 26.4 39.6



#3  
Chloromethane  
Concen: 4.09 ug/L  
RT: 1.240 min Scan# 62  
Delta R.T. -0.000 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

Tgt Ion: 50 Resp: 129646  
Ion Ratio Lower Upper  
50 100  
52 33.7 25.1 46.5

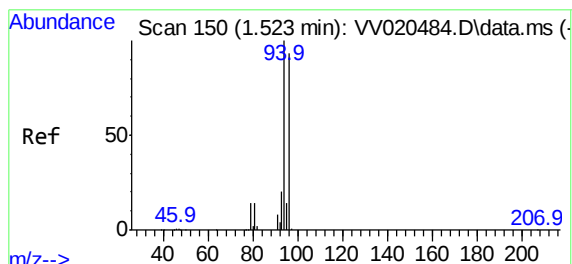
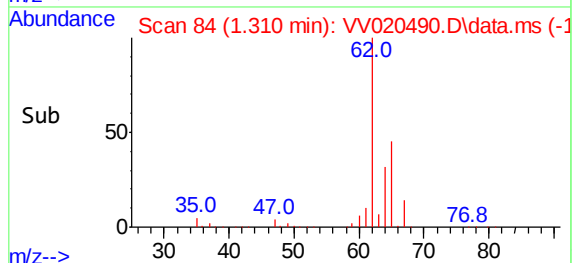
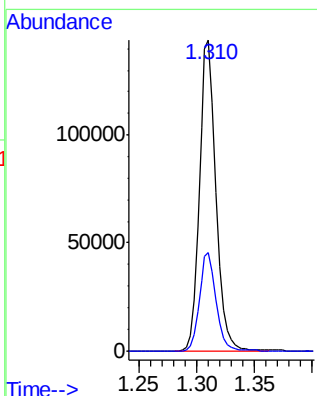
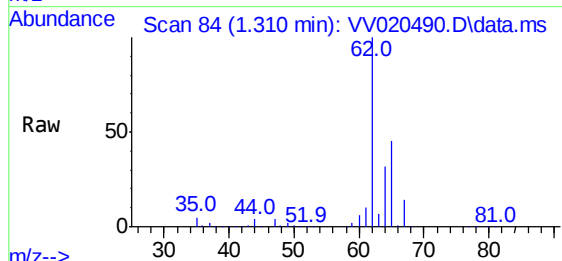




#5  
 Vinyl chloride  
 Concen: 4.27 ug/L  
 RT: 1.310 min Scan# 84  
 Delta R.T. -0.000 min  
 Lab File: VV020490.D  
 Acq: 10 Mar 2021 10:11

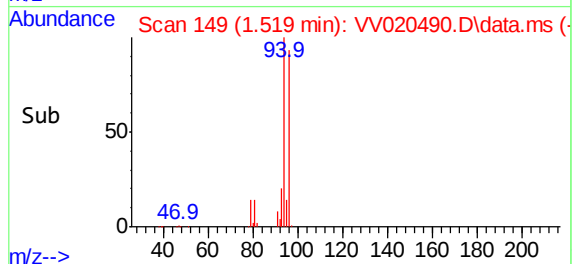
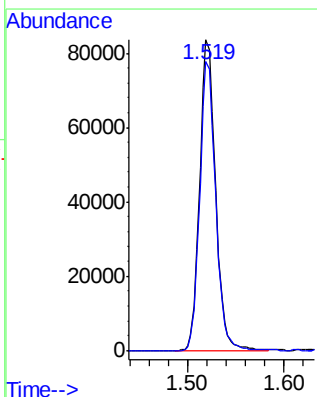
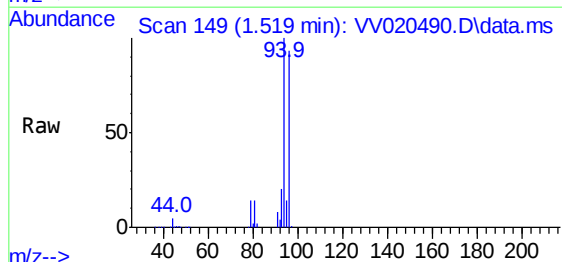
Instrument :  
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 ClientSampleId :  
 VSTD00546

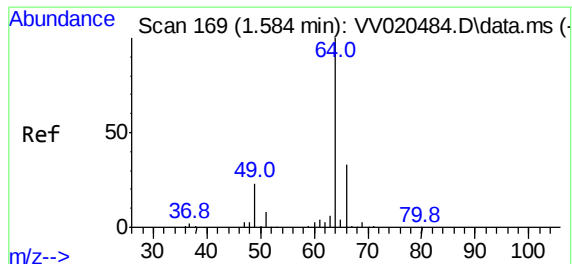
Tgt Ion: 62 Resp: 144318  
 Ion Ratio Lower Upper  
 62 100  
 64 31.7 23.0 42.8



#6  
 Bromomethane  
 Concen: 4.40 ug/L  
 RT: 1.519 min Scan# 149  
 Delta R.T. -0.003 min  
 Lab File: VV020490.D  
 Acq: 10 Mar 2021 10:11

Tgt Ion: 94 Resp: 95943  
 Ion Ratio Lower Upper  
 94 100  
 96 93.2 65.9 122.5

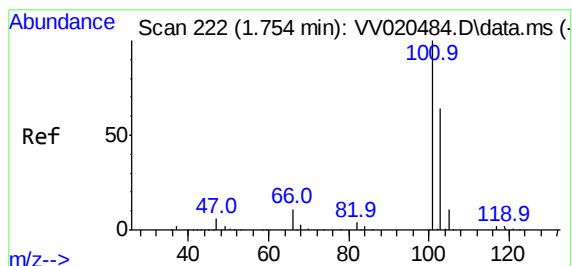
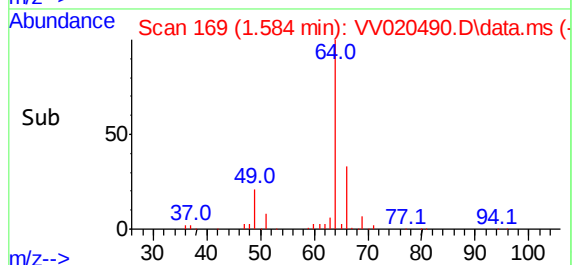
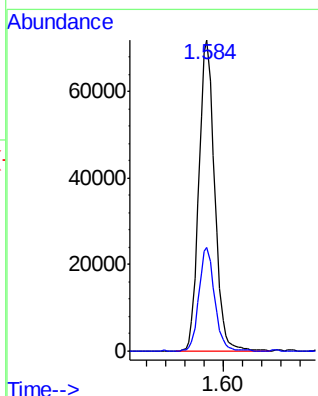
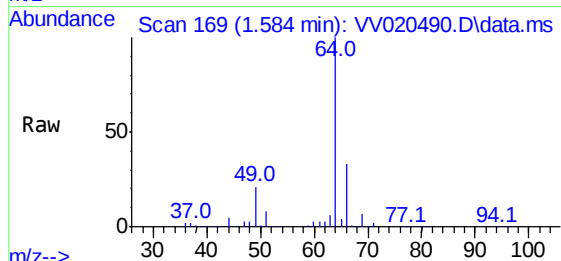




#8  
Chloroethane  
Concen: 4.01 ug/L  
RT: 1.584 min Scan# 169  
Delta R.T. -0.000 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

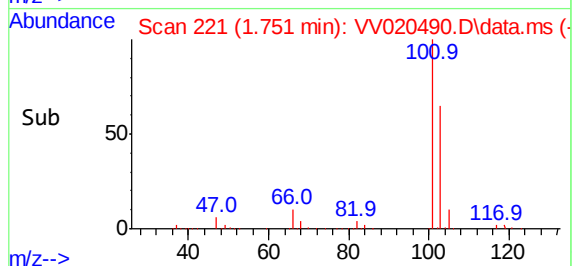
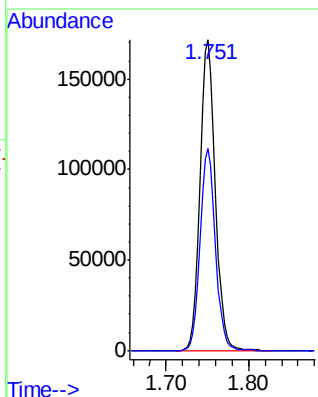
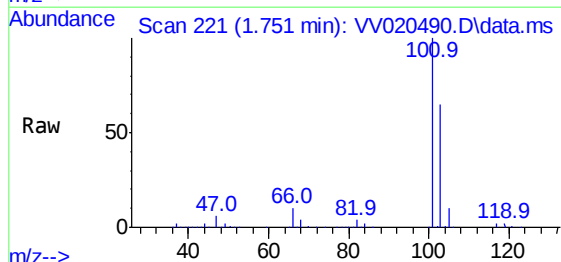
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00546

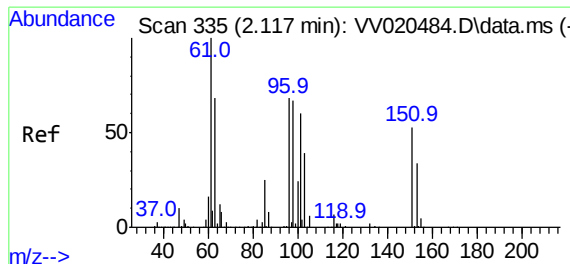
Tgt Ion: 64 Resp: 81699  
Ion Ratio Lower Upper  
64 100  
66 33.3 24.0 44.6



#9  
Trichlorofluoromethane  
Concen: 4.71 ug/L  
RT: 1.751 min Scan# 221  
Delta R.T. -0.003 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

Tgt Ion:101 Resp: 222919  
Ion Ratio Lower Upper  
101 100  
103 65.2 51.7 77.5

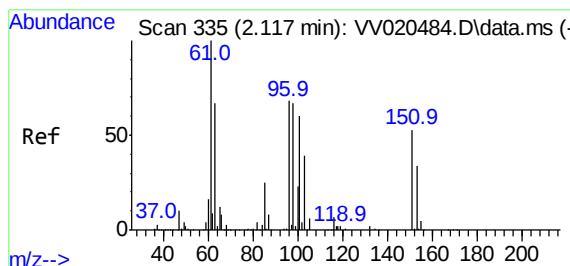
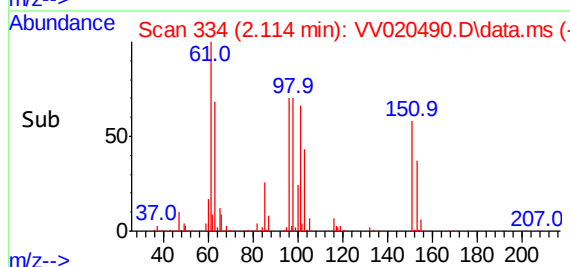
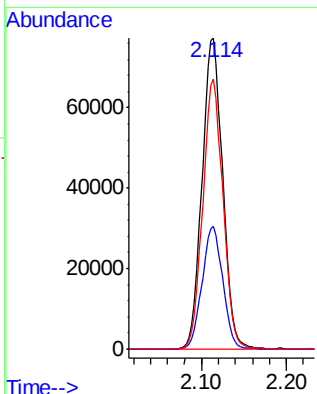
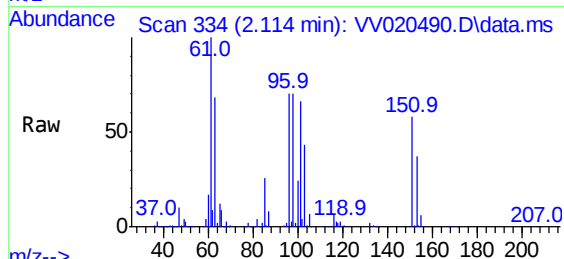




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 5.12 ug/L  
RT: 2.114 min Scan# 334  
Delta R.T. -0.003 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

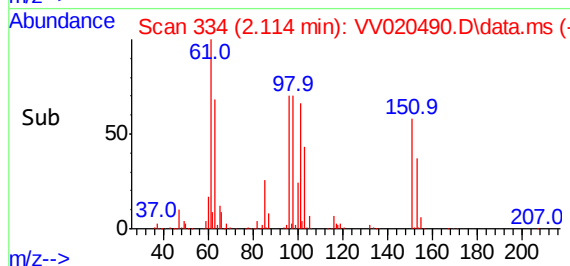
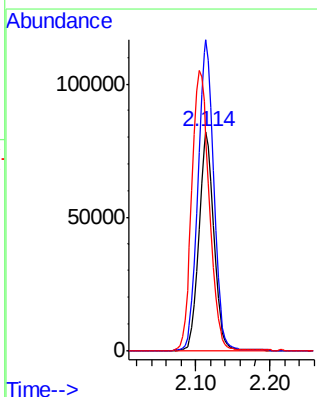
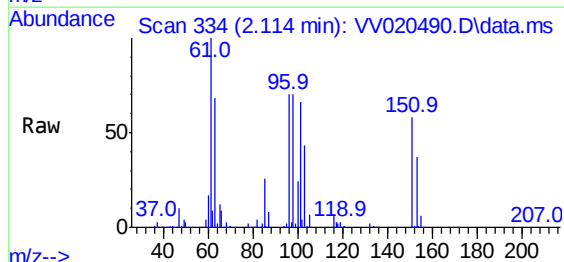
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00546

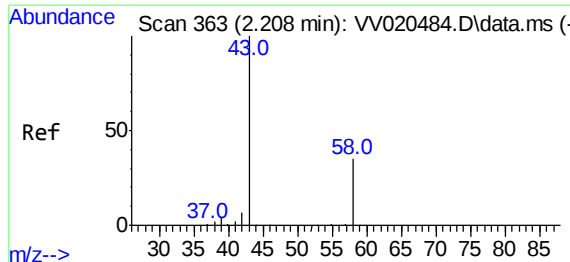
Tgt Ion:101 Resp: 129219  
Ion Ratio Lower Upper  
101 100  
85 39.5 34.6 51.8  
151 85.3 63.5 95.3



#12  
1,1-Dichloroethene  
Concen: 4.70 ug/L  
RT: 2.114 min Scan# 334  
Delta R.T. -0.003 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

Tgt Ion: 96 Resp: 115179  
Ion Ratio Lower Upper  
96 100  
61 142.0 123.1 228.7  
63 97.0 91.2 169.4

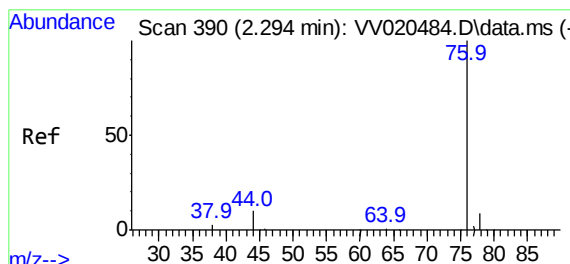
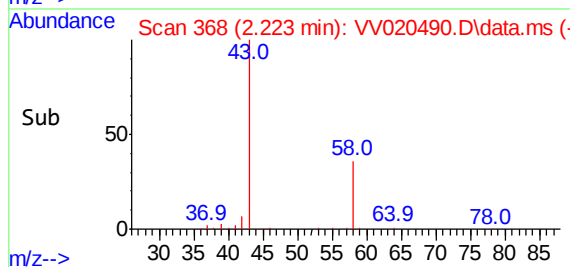
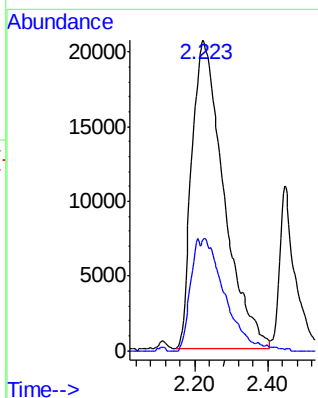
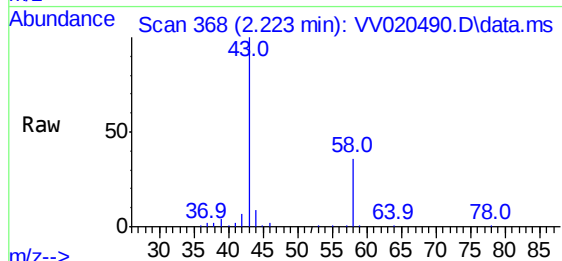




#13  
Acetone  
Concen: 39.48 ug/L  
RT: 2.223 min Scan# 368  
Delta R.T. 0.016 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

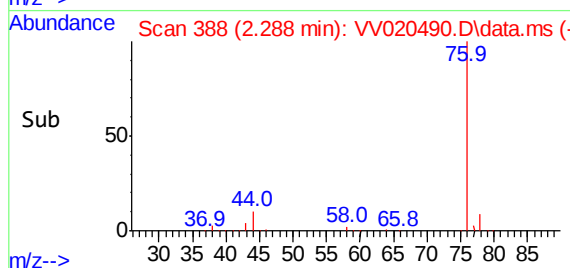
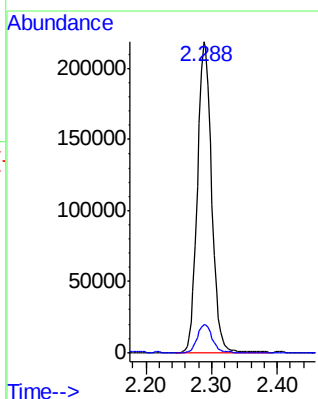
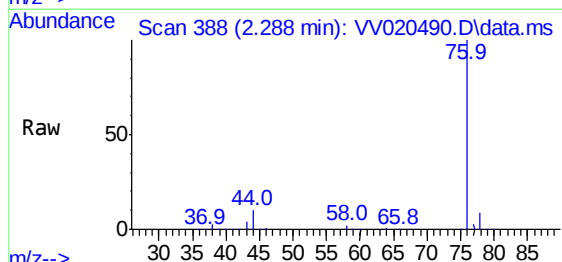
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00546

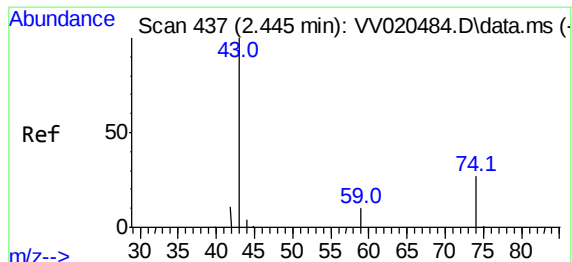
Tgt Ion: 43 Resp: 125706  
Ion Ratio Lower Upper  
43 100  
58 10.9 0.0 18.6



#14  
Carbon disulfide  
Concen: 4.30 ug/L  
RT: 2.288 min Scan# 388  
Delta R.T. -0.007 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

Tgt Ion: 76 Resp: 325079  
Ion Ratio Lower Upper  
76 100  
78 9.1 6.6 10.0

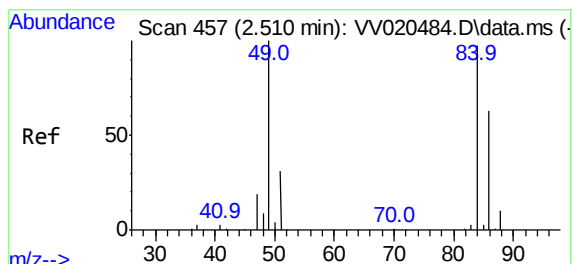
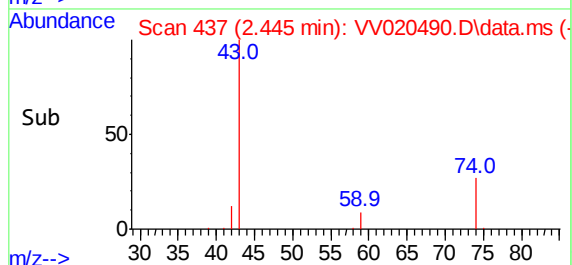
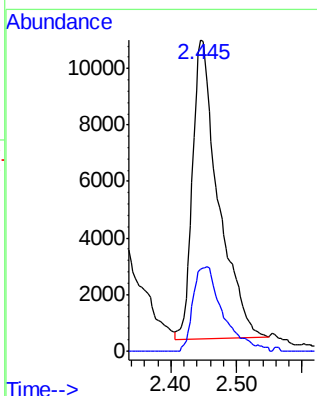
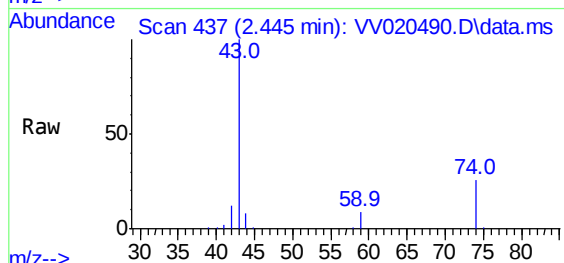




#15  
Methyl Acetate  
Concen: 3.75 ug/L  
RT: 2.445 min Scan# 437  
Delta R.T. -0.000 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

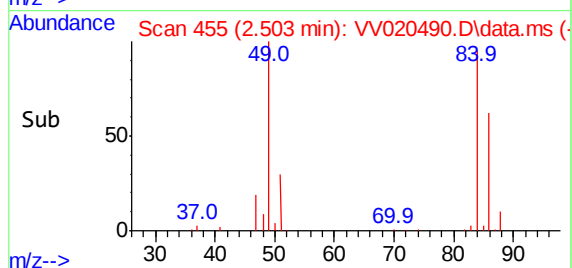
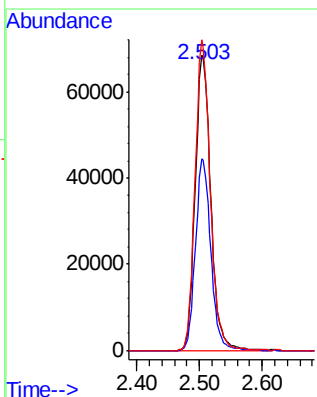
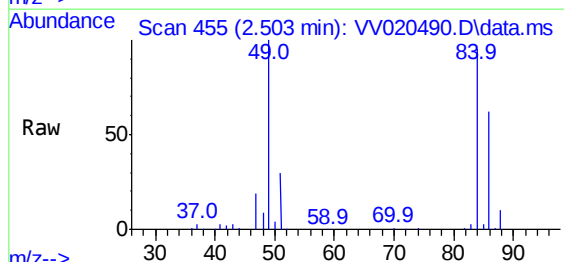
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00546

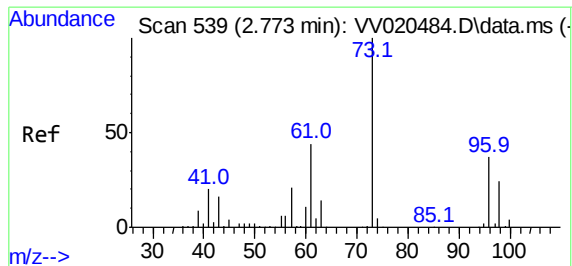
Tgt Ion: 43 Resp: 28926  
Ion Ratio Lower Upper  
43 100  
74 32.2 26.6 40.0



#16  
Methylene chloride  
Concen: 4.42 ug/L  
RT: 2.503 min Scan# 455  
Delta R.T. -0.007 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

Tgt Ion: 84 Resp: 116583  
Ion Ratio Lower Upper  
84 100  
86 65.0 46.5 86.3  
49 105.3 79.2 147.2

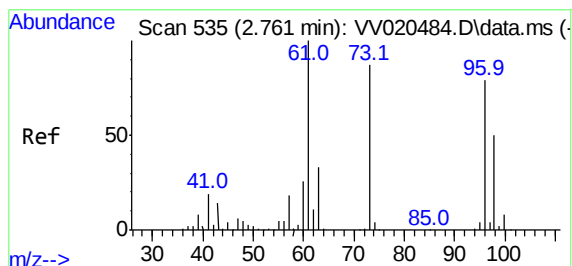
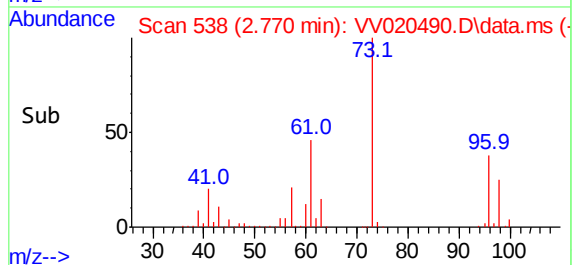
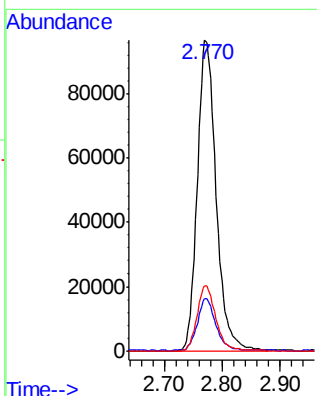
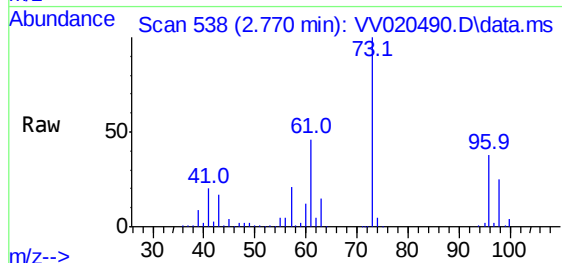




#17  
Methyl tert-butyl Ether  
Concen: 4.32 ug/L  
RT: 2.770 min Scan# 538  
Delta R.T. -0.003 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

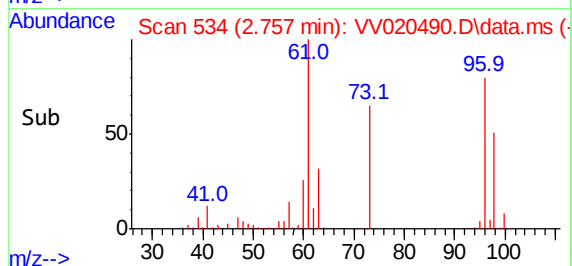
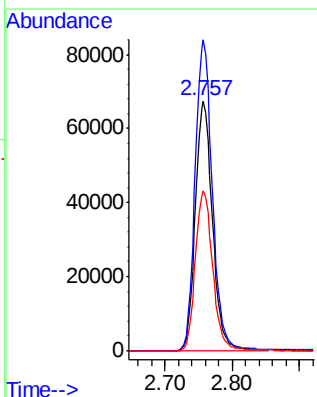
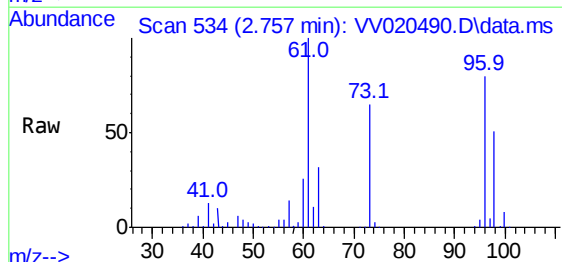
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00546

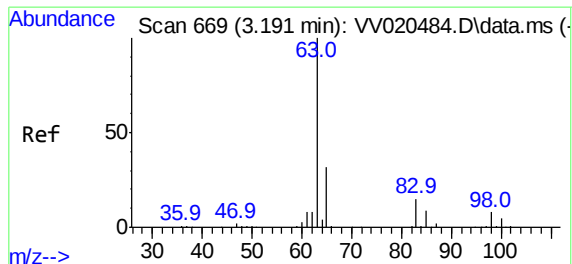
Tgt Ion: 73 Resp: 218267  
Ion Ratio Lower Upper  
73 100  
43 16.9 18.3 27.5#  
57 20.8 16.7 25.1



#18  
trans-1,2-Dichloroethene  
Concen: 4.61 ug/L  
RT: 2.757 min Scan# 534  
Delta R.T. -0.003 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

Tgt Ion: 96 Resp: 118296  
Ion Ratio Lower Upper  
96 100  
61 124.6 96.0 178.4  
98 64.0 43.5 80.9

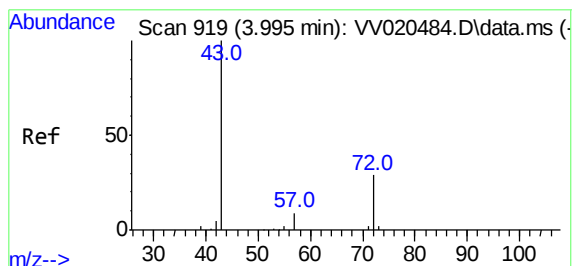
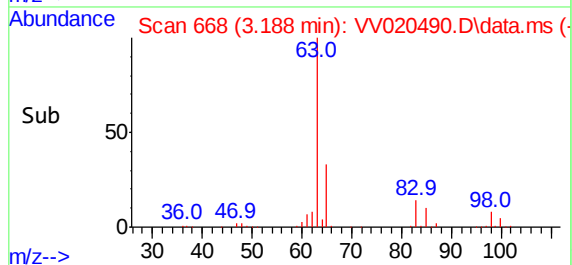
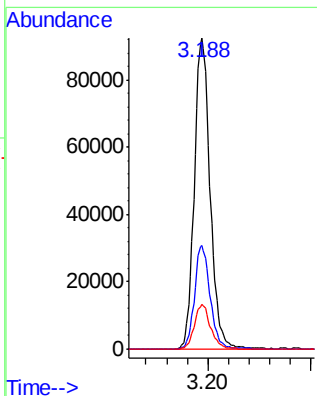
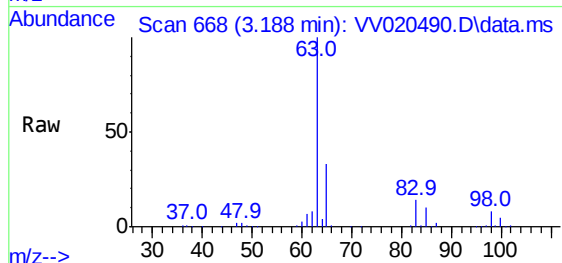




#19  
1,1-Dichloroethane  
Concen: 4.35 ug/L  
RT: 3.188 min Scan# 668  
Delta R.T. -0.003 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

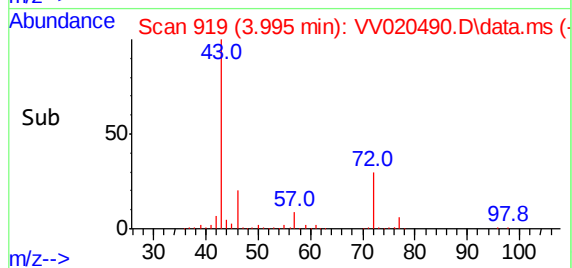
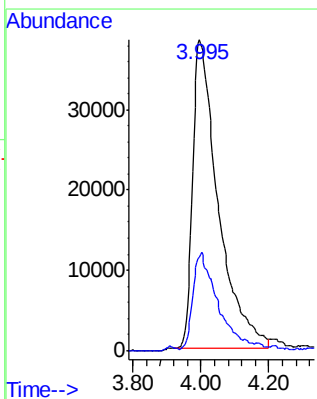
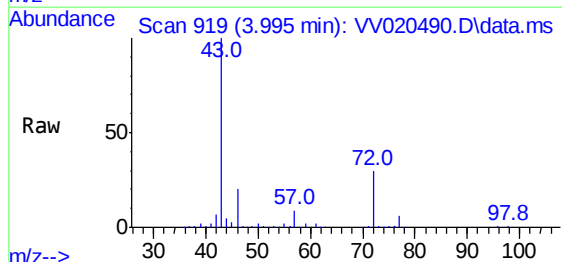
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00546

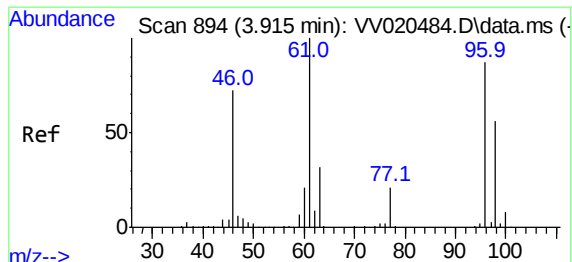
Tgt Ion: 63 Resp: 196704  
Ion Ratio Lower Upper  
63 100  
65 33.1 21.4 39.8  
83 14.3 10.4 19.4



#21  
2-Butanone  
Concen: 41.44 ug/L  
RT: 3.995 min Scan# 919  
Delta R.T. -0.000 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

Tgt Ion: 43 Resp: 201212  
Ion Ratio Lower Upper  
43 100  
72 30.2 13.0 38.9

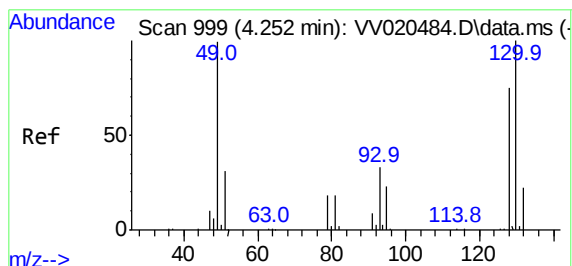
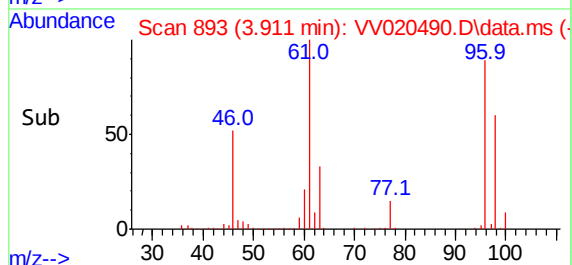
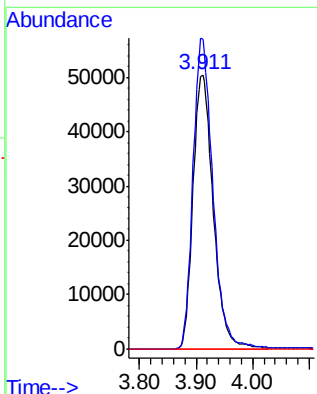
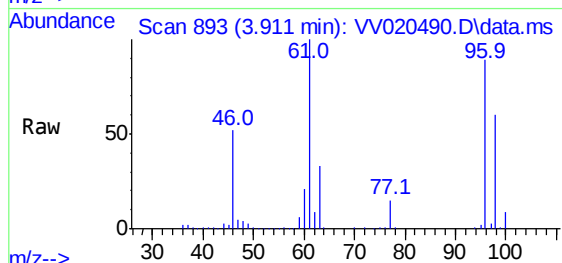




#22  
cis-1,2-Dichloroethene  
Concen: 4.66 ug/L  
RT: 3.911 min Scan# 893  
Delta R.T. -0.003 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

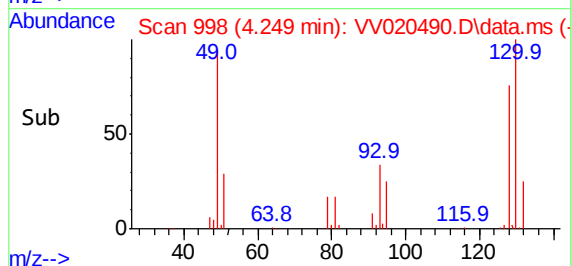
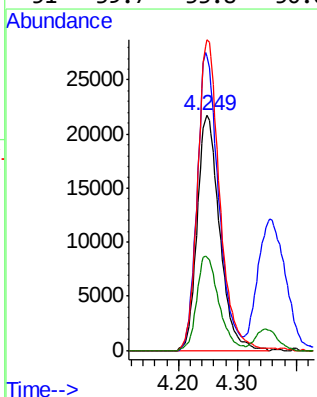
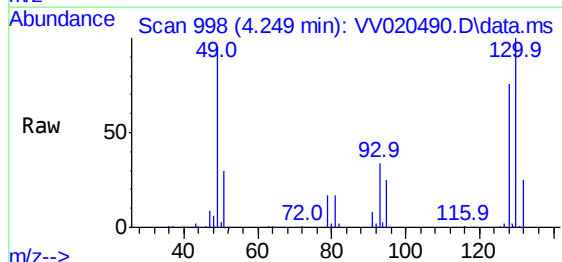
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00546

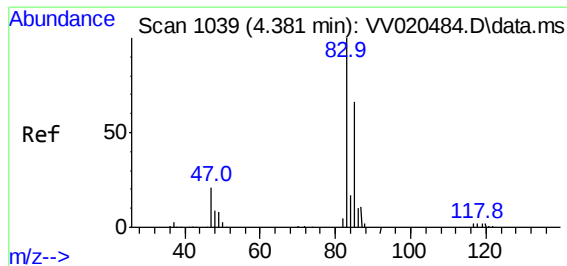
Tgt Ion: 96 Resp: 124375  
Ion Ratio Lower Upper  
96 100  
61 113.0 89.6 166.4  
68 0.0 0.0 0.0



#23  
Bromochloromethane  
Concen: 4.95 ug/L  
RT: 4.249 min Scan# 998  
Delta R.T. -0.003 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

Tgt Ion: 128 Resp: 57678  
Ion Ratio Lower Upper  
128 100  
49 125.2 92.2 171.2  
130 132.3 77.2 143.4  
51 39.7 33.8 50.6

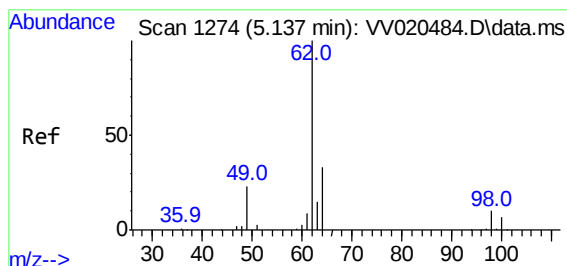
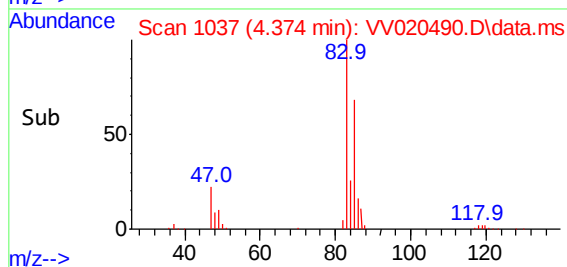
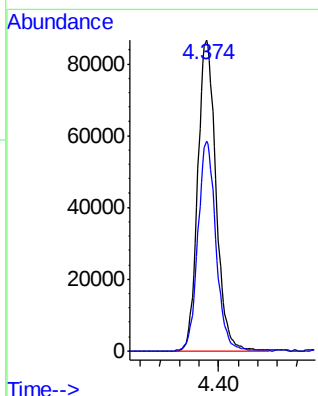
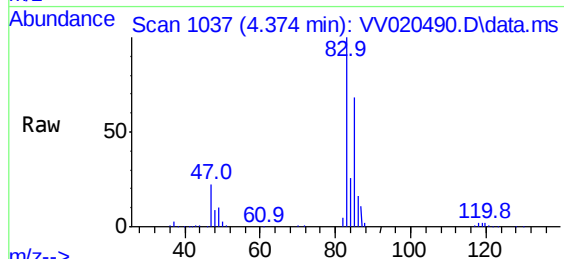




#25  
Chloroform  
Concen: 4.66 ug/L  
RT: 4.374 min Scan# 1037  
Delta R.T. -0.007 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

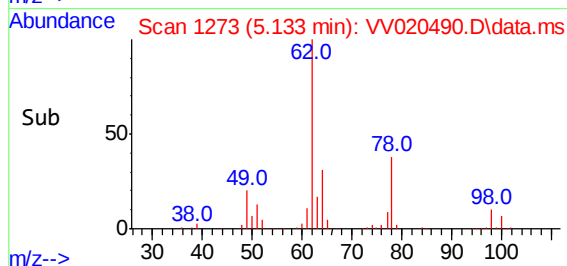
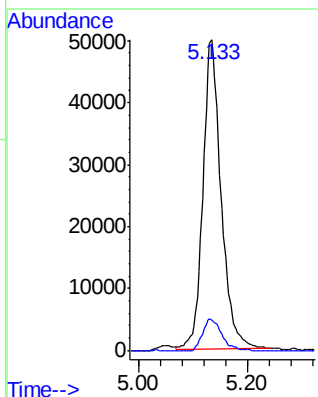
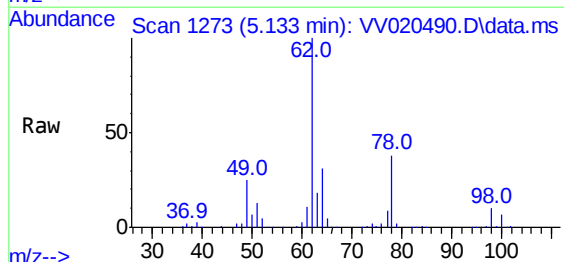
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00546

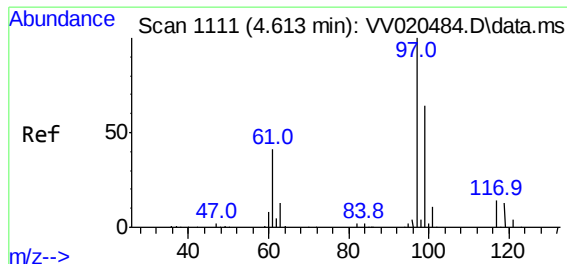
Tgt Ion: 83 Resp: 222868  
Ion Ratio Lower Upper  
83 100  
85 67.5 47.3 87.9



#27  
1,2-Dichloroethane  
Concen: 4.25 ug/L  
RT: 5.133 min Scan# 1273  
Delta R.T. -0.003 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

Tgt Ion: 62 Resp: 116440  
Ion Ratio Lower Upper  
62 100  
98 9.9 7.0 10.6

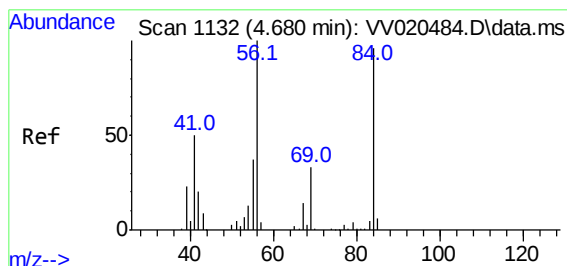
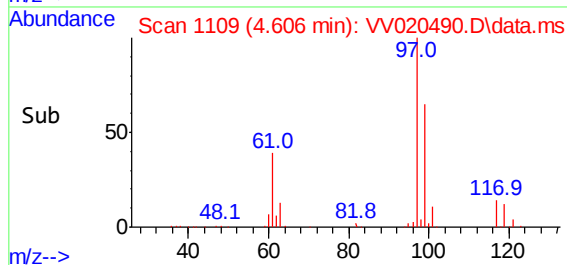
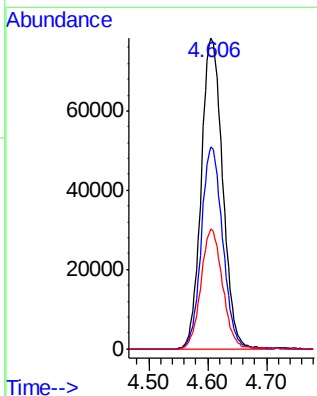
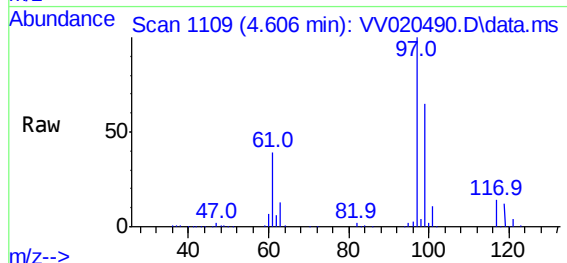




#29  
1,1,1-Trichloroethane  
Concen: 4.69 ug/L  
RT: 4.606 min Scan# 1109  
Delta R.T. -0.007 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

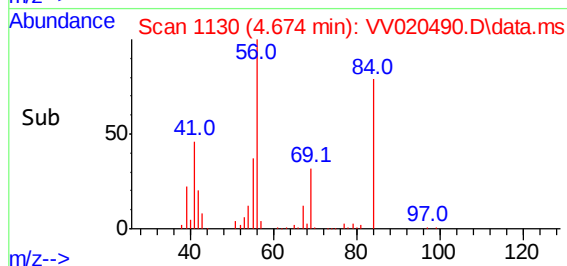
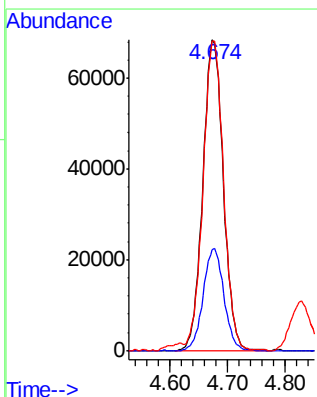
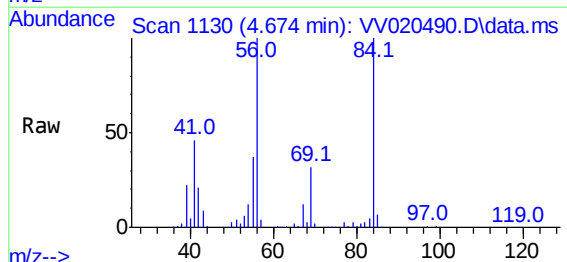
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00546

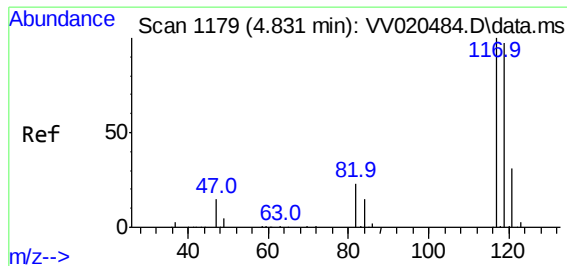
Tgt Ion: 97 Resp: 198093  
Ion Ratio Lower Upper  
97 100  
99 64.8 50.6 76.0  
61 38.9 35.7 53.5



#30  
Cyclohexane  
Concen: 4.42 ug/L  
RT: 4.674 min Scan# 1130  
Delta R.T. -0.007 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

Tgt Ion: 56 Resp: 167792  
Ion Ratio Lower Upper  
56 100  
69 33.0 25.4 38.2  
84 99.3 73.0 109.4

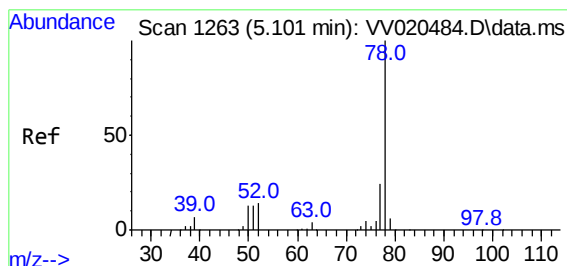
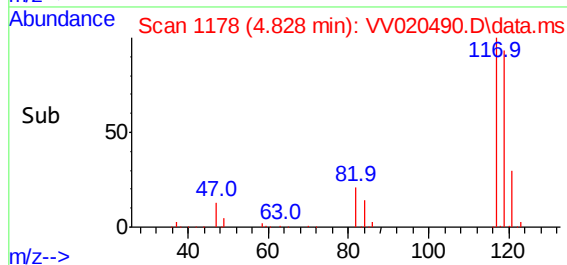
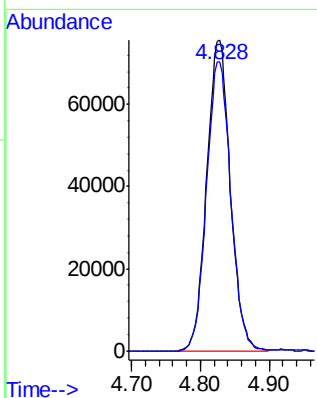
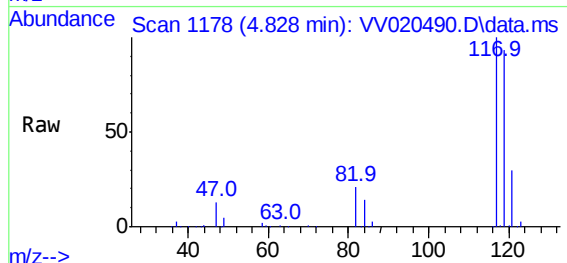




#31  
Carbon tetrachloride  
Concen: 4.97 ug/L  
RT: 4.828 min Scan# 1178  
Delta R.T. -0.003 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

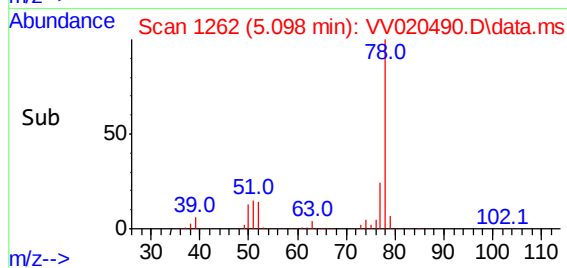
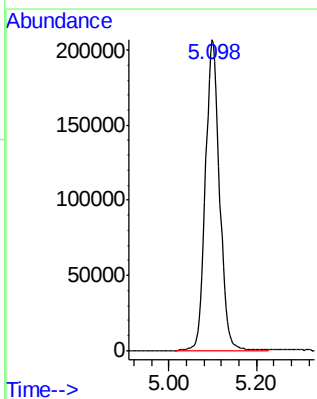
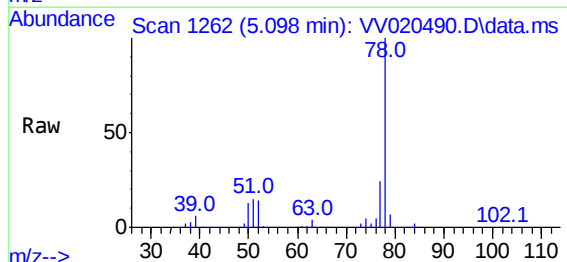
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00546

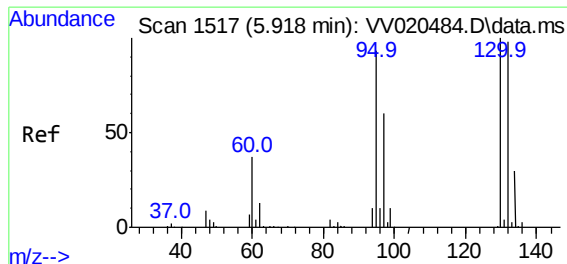
Tgt Ion:117 Resp: 179374  
Ion Ratio Lower Upper  
117 100  
119 95.8 76.9 115.3



#33  
Benzene  
Concen: 4.53 ug/L  
RT: 5.098 min Scan# 1262  
Delta R.T. -0.003 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

Tgt Ion: 78 Resp: 464257

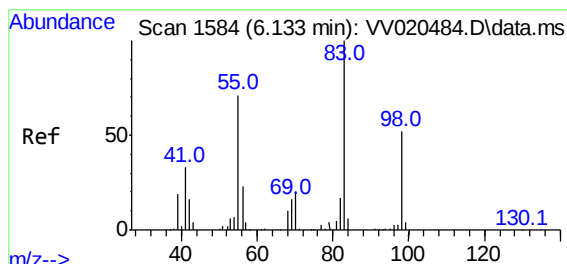
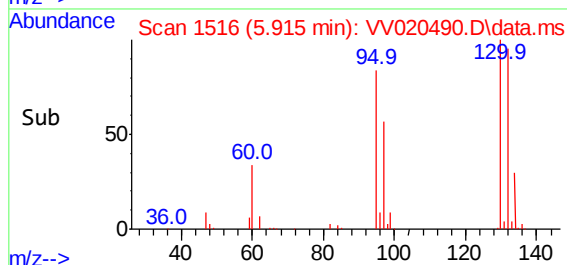
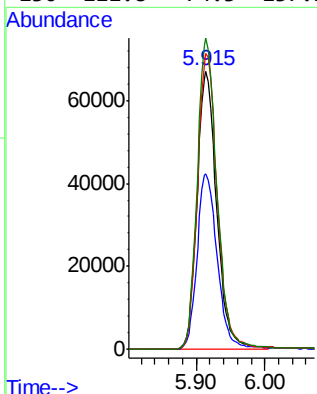
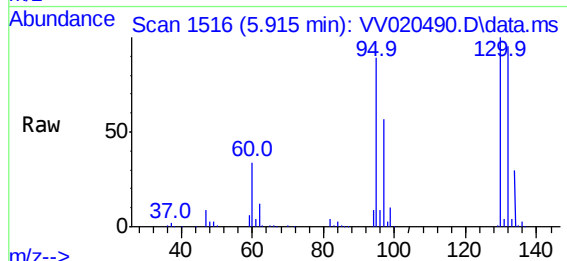




#34  
Trichloroethene  
Concen: 4.61 ug/L  
RT: 5.915 min Scan# 1516  
Delta R.T. -0.003 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

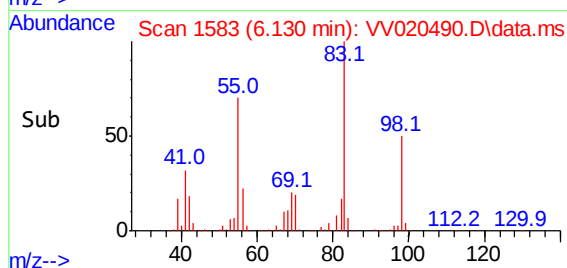
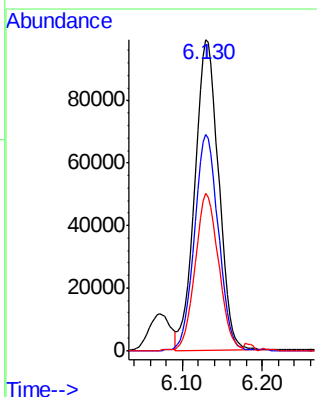
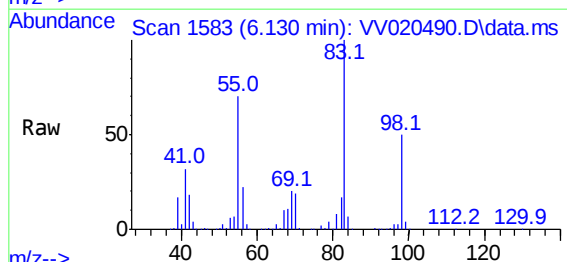
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00546

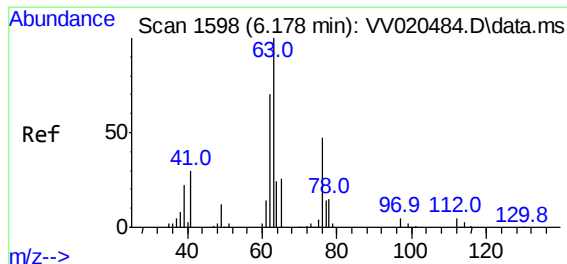
Tgt Ion: 95 Resp: 132746  
Ion Ratio Lower Upper  
95 100  
97 63.2 46.1 85.5  
132 106.5 71.7 133.1  
130 111.8 74.3 137.9



#35  
Methylcyclohexane  
Concen: 4.80 ug/L  
RT: 6.130 min Scan# 1583  
Delta R.T. -0.003 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

Tgt Ion: 83 Resp: 200056  
Ion Ratio Lower Upper  
83 100  
55 70.0 61.8 92.8  
98 50.1 39.0 58.6

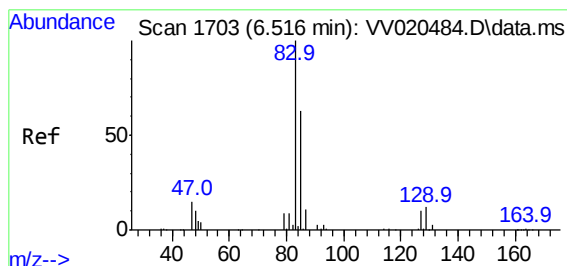
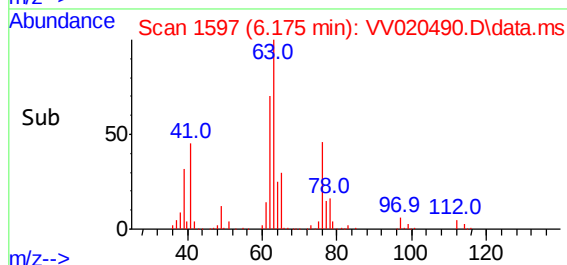
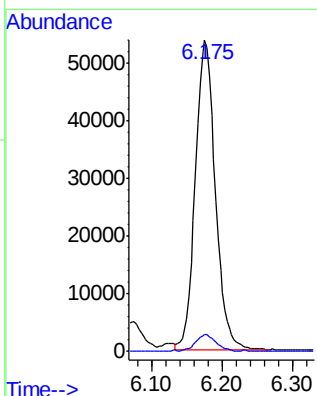
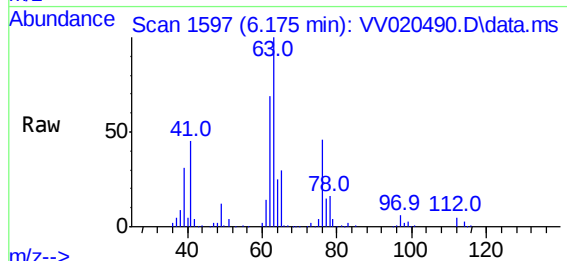




#37  
1,2-Dichloropropane  
Concen: 4.34 ug/L  
RT: 6.175 min Scan# 1597  
Delta R.T. -0.003 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

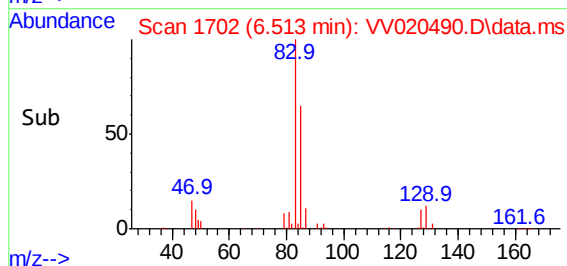
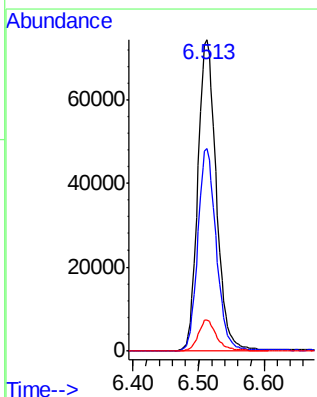
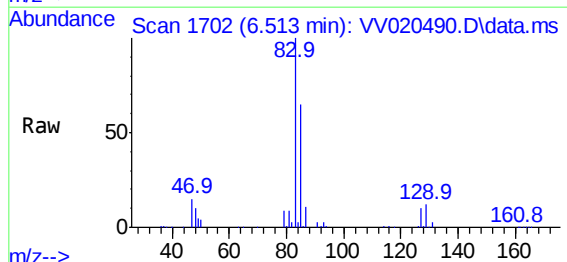
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00546

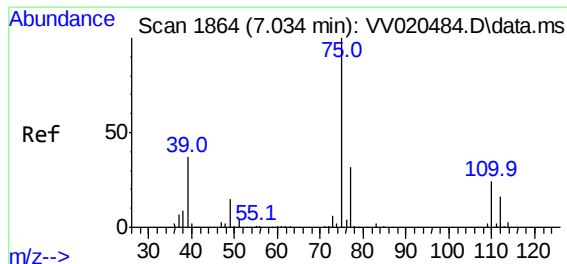
Tgt Ion: 63 Resp: 105994  
Ion Ratio Lower Upper  
63 100  
112 5.2 4.5 6.7



#38  
Bromodichloromethane  
Concen: 4.51 ug/L  
RT: 6.513 min Scan# 1702  
Delta R.T. -0.003 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

Tgt Ion: 83 Resp: 143589  
Ion Ratio Lower Upper  
83 100  
85 65.0 44.7 83.1  
127 9.9 7.4 11.0

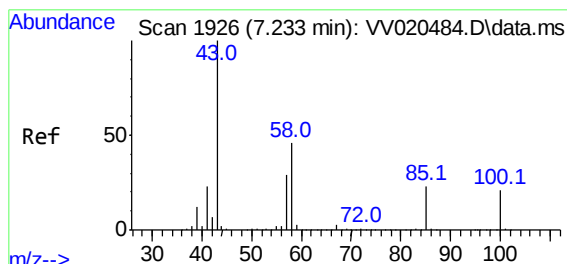
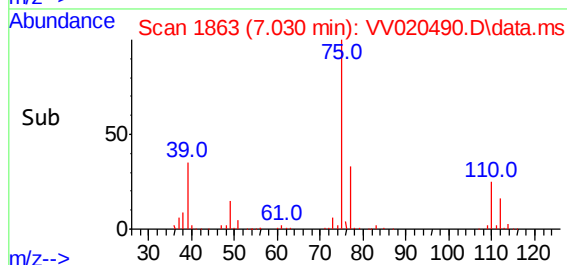
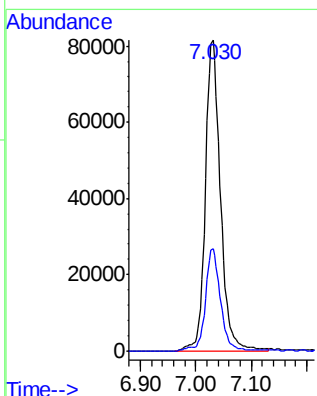
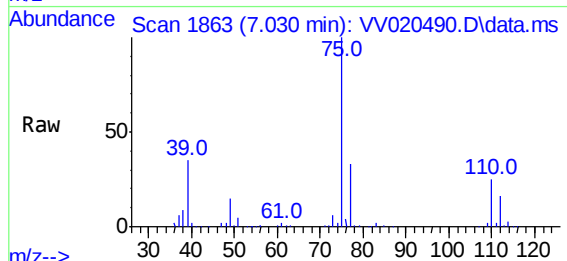




#39  
 cis-1,3-Dichloropropene  
 Concen: 4.45 ug/L  
 RT: 7.030 min Scan# 1863  
 Delta R.T. -0.003 min  
 Lab File: VV020490.D  
 Acq: 10 Mar 2021 10:11

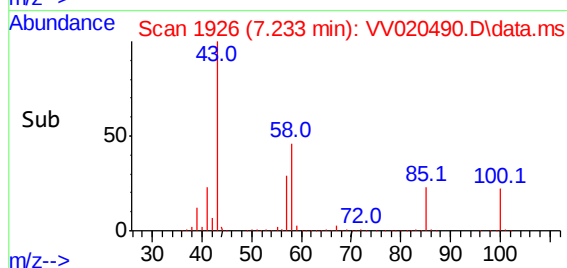
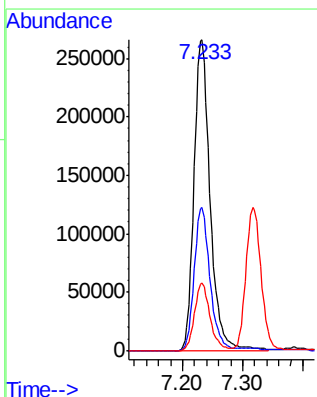
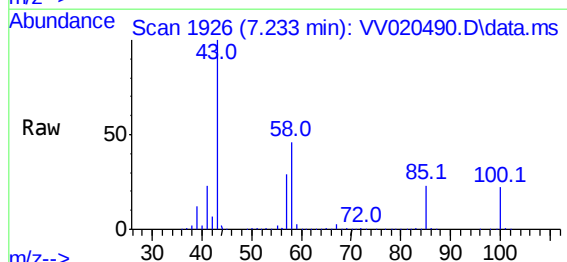
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD00546

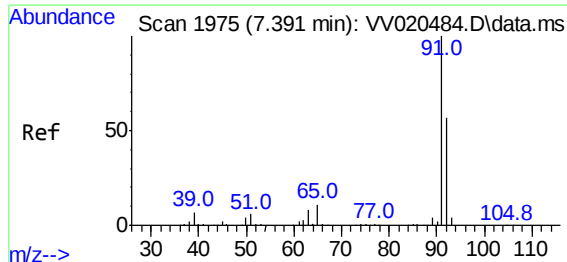
Tgt Ion: 75 Resp: 152938  
 Ion Ratio Lower Upper  
 75 100  
 77 33.0 23.2 43.2



#40  
 4-Methyl-2-pentanone  
 Concen: 40.64 ug/L  
 RT: 7.233 min Scan# 1926  
 Delta R.T. -0.000 min  
 Lab File: VV020490.D  
 Acq: 10 Mar 2021 10:11

Tgt Ion: 43 Resp: 492863  
 Ion Ratio Lower Upper  
 43 100  
 58 45.2 31.2 46.8  
 100 21.0 13.6 20.4#





#42

Toluene

Concen: 4.75 ug/L

RT: 7.390 min Scan# 1975

Delta R.T. -0.000 min

Lab File: VV020490.D

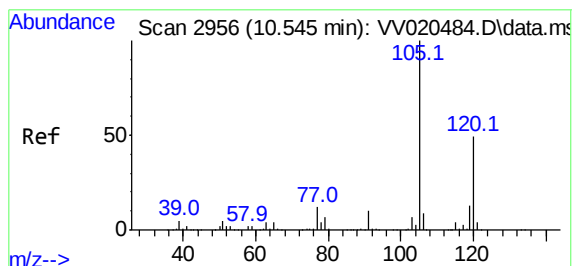
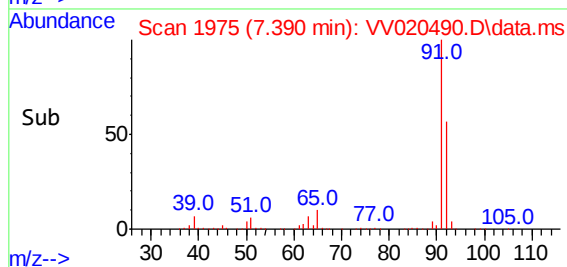
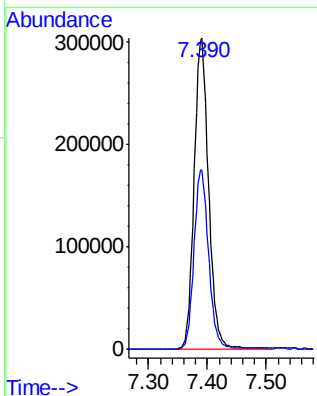
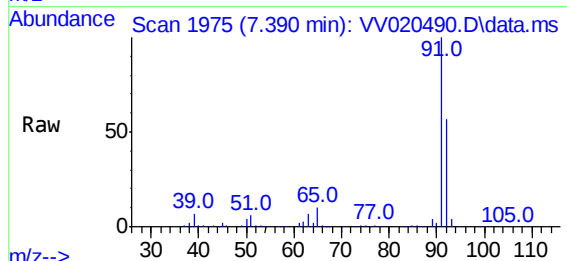
Acq: 10 Mar 2021 10:11

Tgt Ion: 91 Resp: 528203

Ion Ratio Lower Upper

91 100

92 57.4 40.8 75.8



#43

1,3,5-Trimethylbenzene

Concen: 5.09 ug/L

RT: 10.545 min Scan# 2956

Delta R.T. -0.000 min

Lab File: VV020490.D

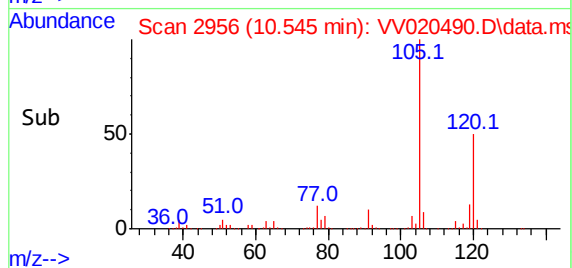
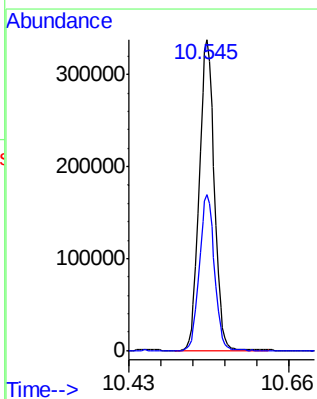
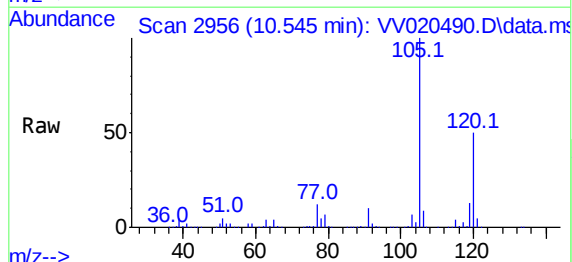
Acq: 10 Mar 2021 10:11

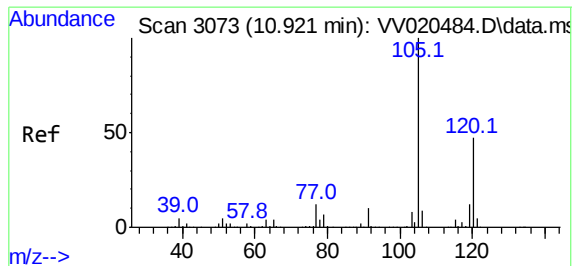
Tgt Ion:105 Resp: 500641

Ion Ratio Lower Upper

105 100

120 50.3 39.4 59.2

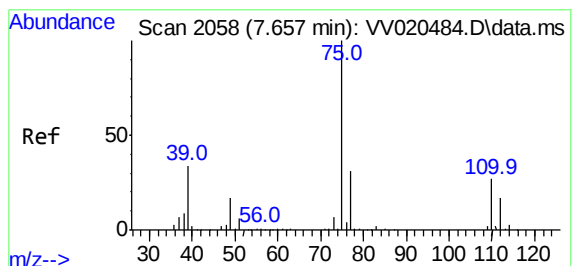
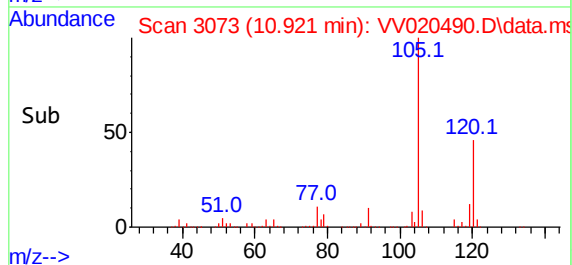
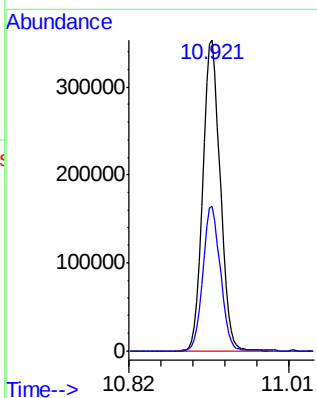
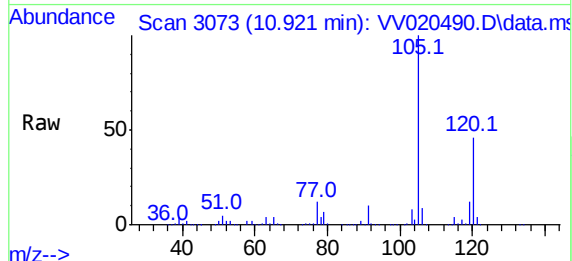




#44  
1,2,4-Trimethylbenzene  
Concen: 5.12 ug/L  
RT: 10.921 min Scan# 3073  
Delta R.T. -0.000 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

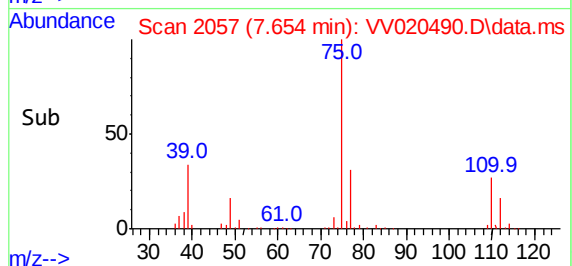
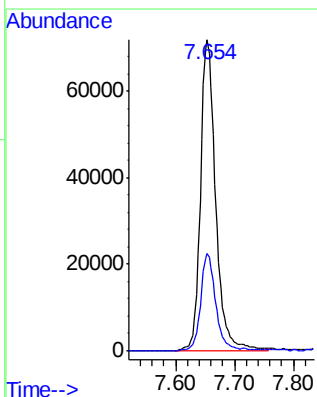
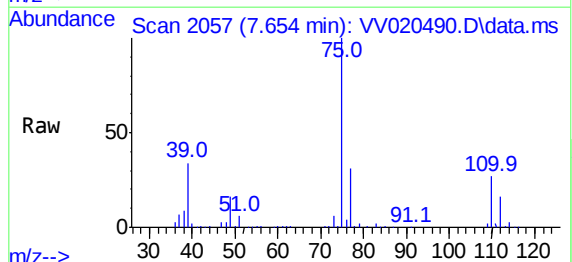
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00546

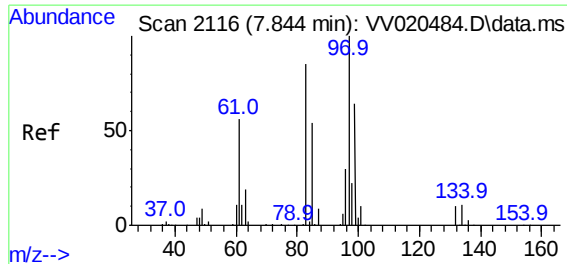
Tgt Ion:105 Resp: 512972  
Ion Ratio Lower Upper  
105 100  
120 46.9 35.9 53.9



#46  
trans-1,3-Dichloropropene  
Concen: 4.62 ug/L  
RT: 7.654 min Scan# 2057  
Delta R.T. -0.003 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

Tgt Ion: 75 Resp: 129535  
Ion Ratio Lower Upper  
75 100  
77 31.3 22.5 41.7





#47

1,1,2-Trichloroethane

Concen: 4.63 ug/L

RT: 7.844 min Scan# 2116

Delta R.T. -0.000 min

Lab File: VV020490.D

Acq: 10 Mar 2021 10:11

Tgt Ion: 97 Resp: 81834

Ion Ratio Lower Upper

97 100

99 63.3 39.5 73.4

83 81.3 52.6 97.6

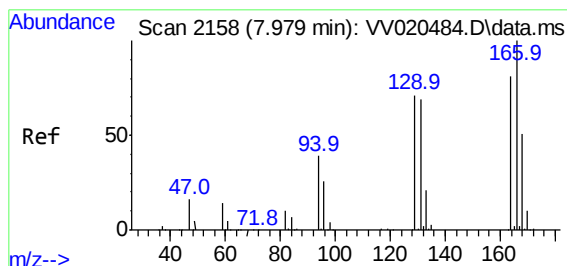
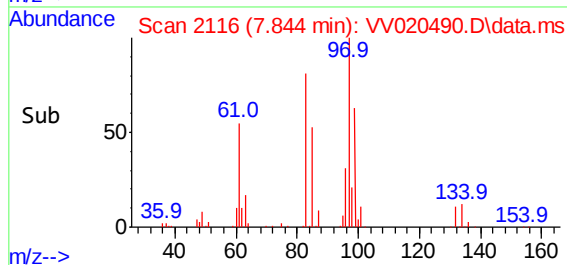
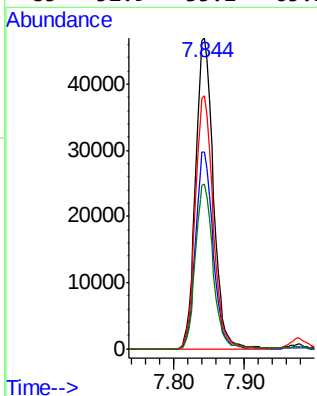
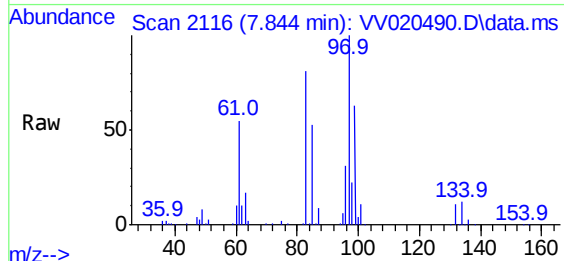
85 52.9 35.1 65.1

Instrument :

MSVOA\_V

ClientSampleId :

VSTD00546



#49

Tetrachloroethene

Concen: 5.16 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.000 min

Lab File: VV020490.D

Acq: 10 Mar 2021 10:11

Tgt Ion:164 Resp: 122898

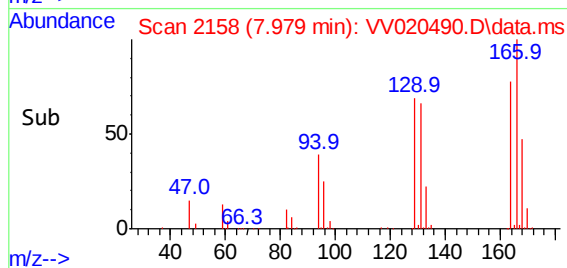
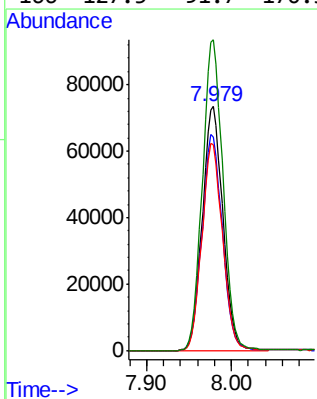
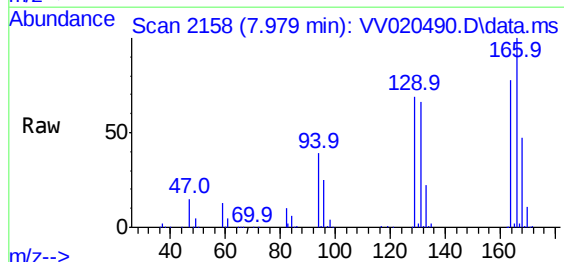
Ion Ratio Lower Upper

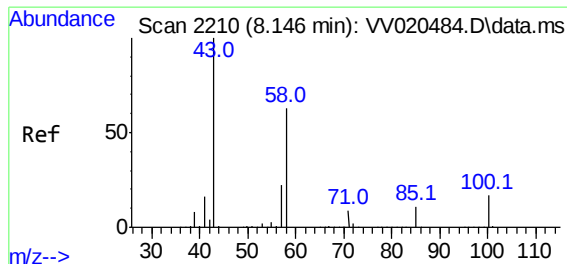
164 100

129 87.7 65.0 120.8

131 84.3 63.6 118.2

166 127.5 91.7 170.3

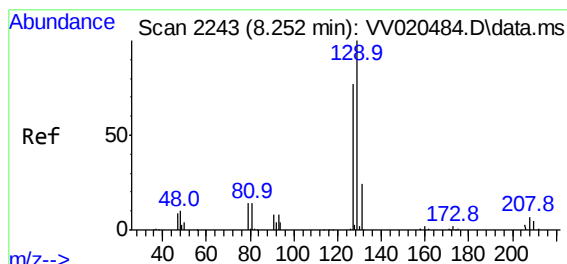
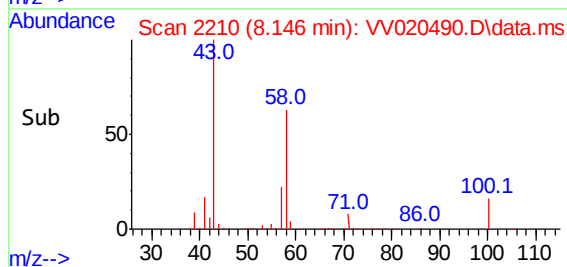
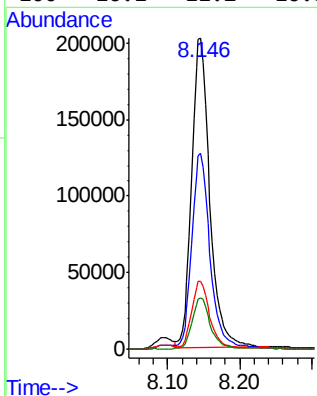
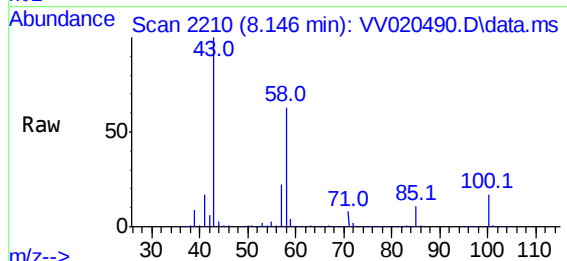




#50  
2-Hexanone  
Concen: 41.88 ug/L  
RT: 8.146 min Scan# 2210  
Delta R.T. -0.000 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

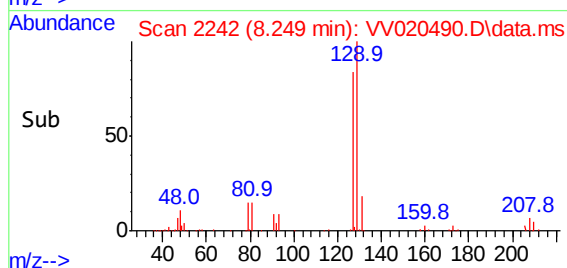
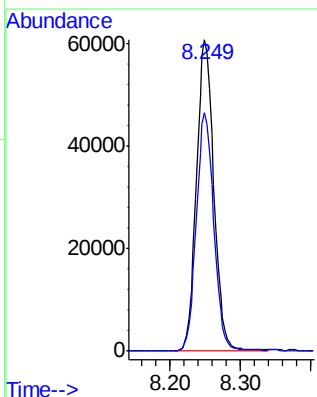
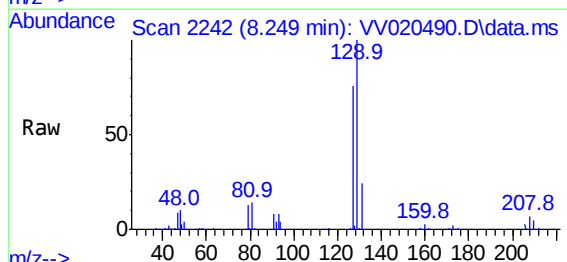
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00546

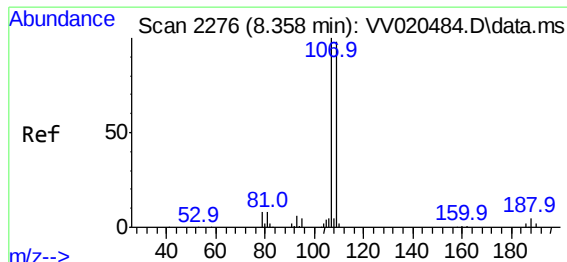
Tgt Ion: 43 Resp: 356033  
Ion Ratio Lower Upper  
43 100  
58 63.7 41.6 62.4#  
57 21.9 15.4 23.0  
100 16.1 11.2 16.8



#51  
Dibromochloromethane  
Concen: 5.02 ug/L  
RT: 8.249 min Scan# 2242  
Delta R.T. -0.003 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

Tgt Ion: 129 Resp: 103091  
Ion Ratio Lower Upper  
129 100  
127 76.4 56.3 104.5

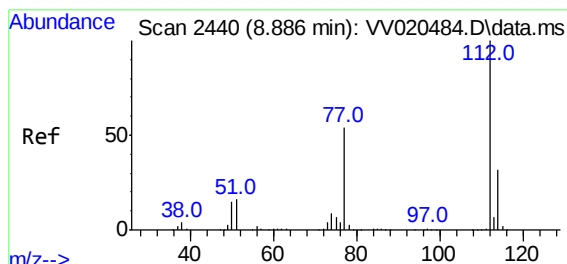
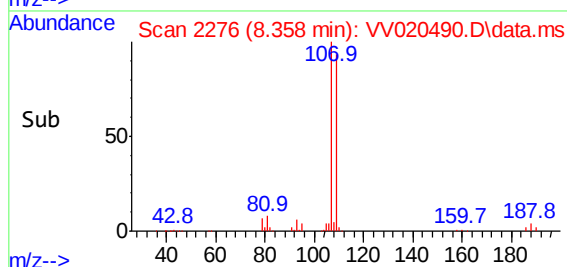
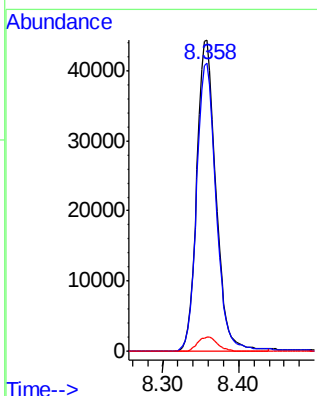
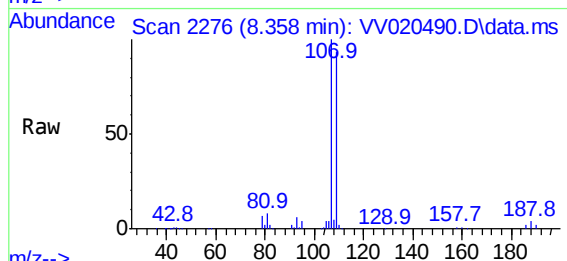




#52  
1,2-Dibromoethane  
Concen: 4.80 ug/L  
RT: 8.358 min Scan# 2276  
Delta R.T. -0.000 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

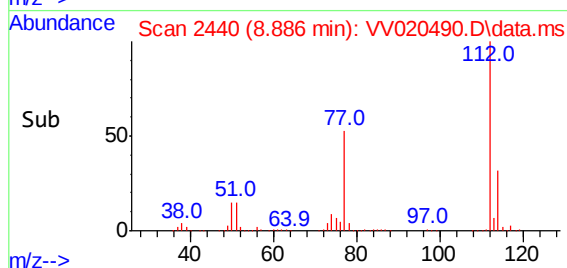
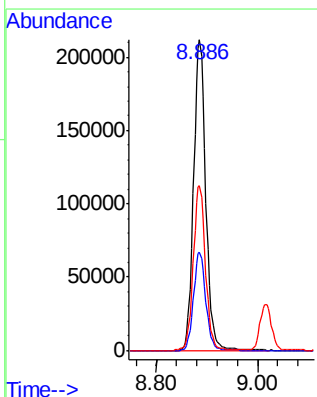
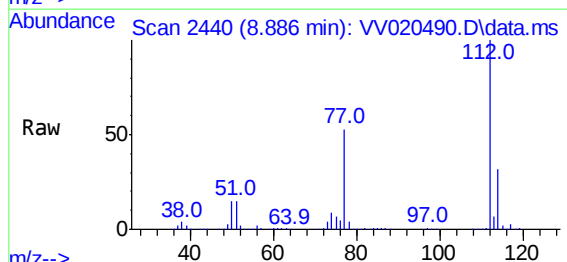
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00546

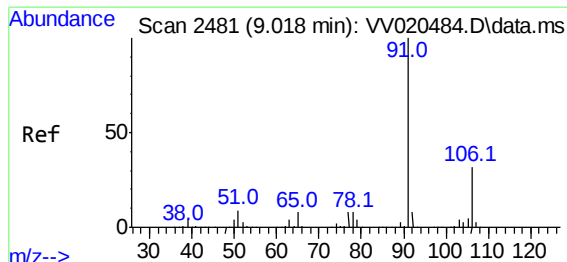
Tgt Ion:107 Resp: 76812  
Ion Ratio Lower Upper  
107 100  
109 92.8 65.5 121.7  
188 4.3 3.7 5.5



#53  
Chlorobenzene  
Concen: 4.83 ug/L  
RT: 8.886 min Scan# 2440  
Delta R.T. -0.000 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

Tgt Ion:112 Resp: 354160  
Ion Ratio Lower Upper  
112 100  
114 31.7 23.2 43.2  
77 53.2 45.6 68.4





#54

Ethylbenzene

Concen: 4.71 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. -0.003 min

Lab File: VV020490.D

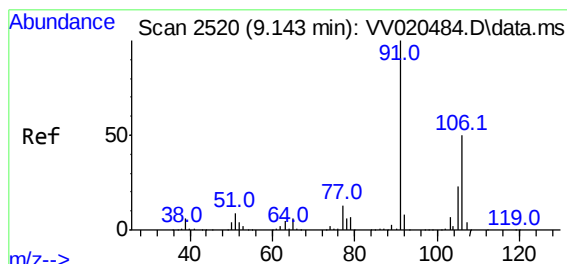
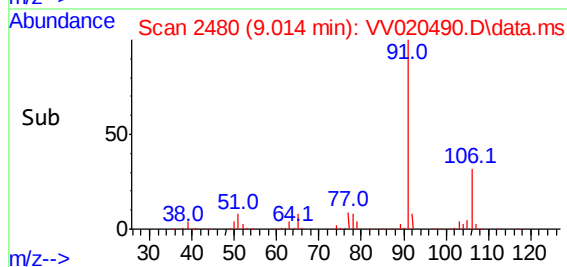
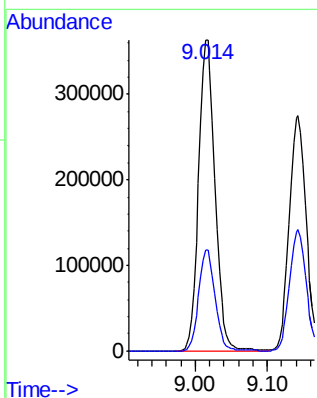
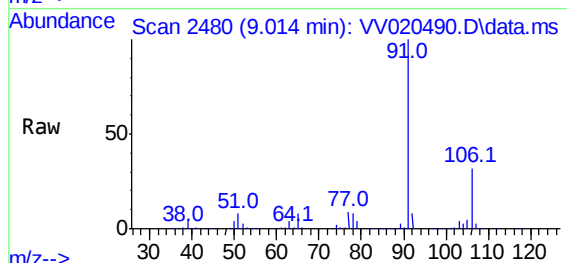
Acq: 10 Mar 2021 10:11

Tgt Ion: 91 Resp: 574049

Ion Ratio Lower Upper

91 100

106 32.3 21.6 40.2



#55

m,p-xylene

Concen: 5.01 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. -0.000 min

Lab File: VV020490.D

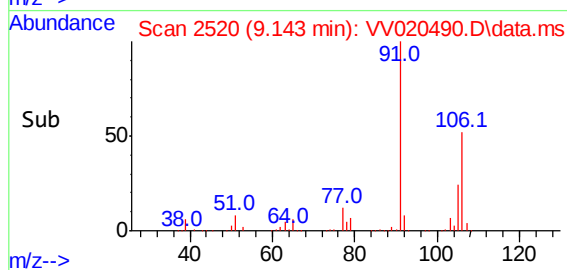
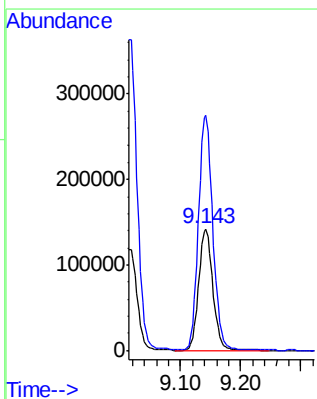
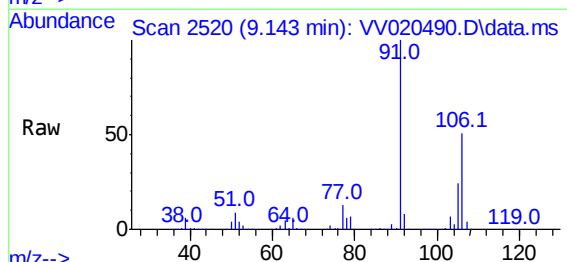
Acq: 10 Mar 2021 10:11

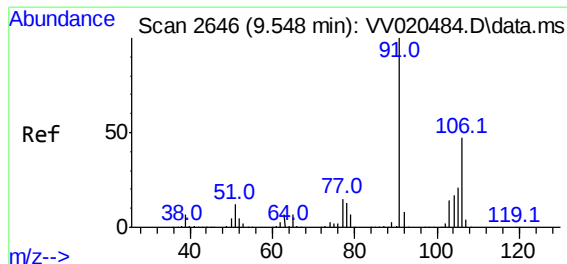
Tgt Ion:106 Resp: 229965

Ion Ratio Lower Upper

106 100

91 194.3 141.3 262.3

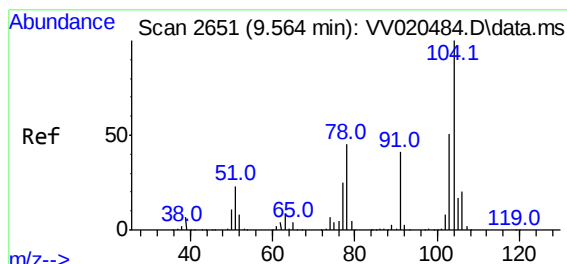
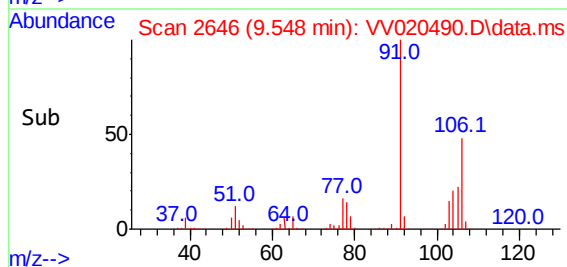
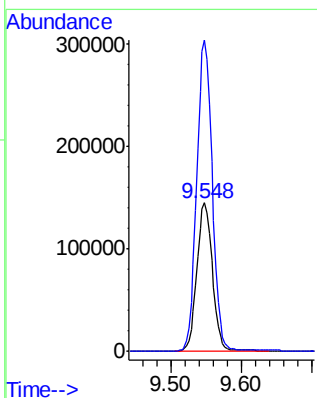
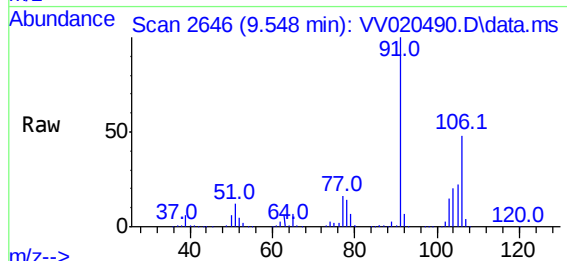




#56  
o-xylene  
Concen: 4.94 ug/L  
RT: 9.548 min Scan# 2646  
Delta R.T. -0.000 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

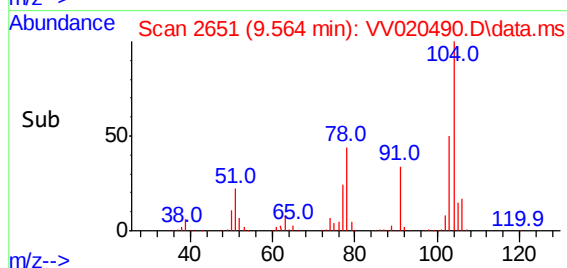
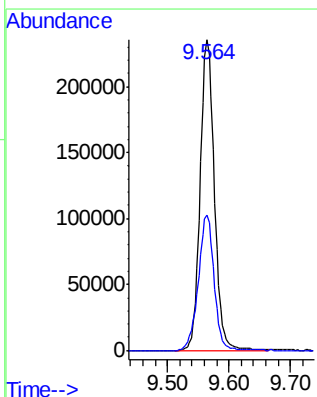
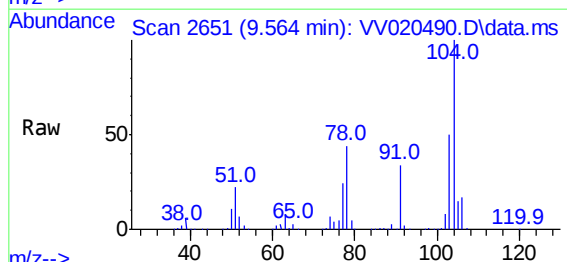
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00546

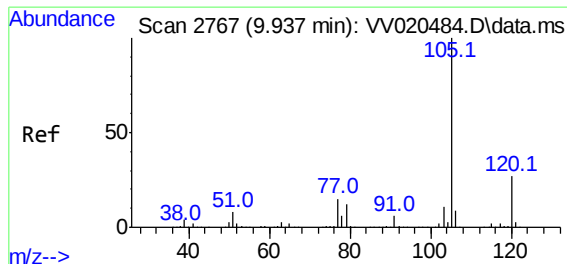
Tgt Ion:106 Resp: 217737  
Ion Ratio Lower Upper  
106 100  
91 209.9 153.9 285.7



#57  
Styrene  
Concen: 5.05 ug/L  
RT: 9.564 min Scan# 2651  
Delta R.T. -0.000 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

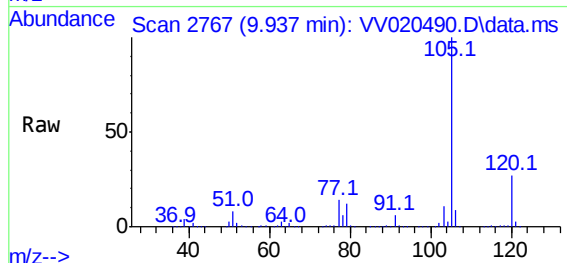
Tgt Ion:104 Resp: 373992  
Ion Ratio Lower Upper  
104 100  
78 43.7 34.0 63.2



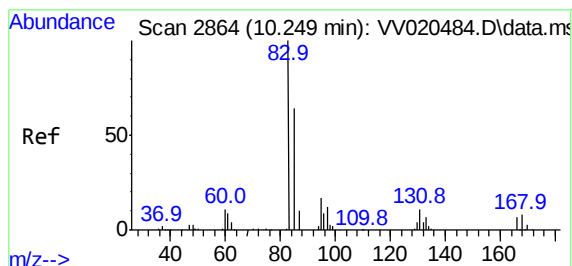
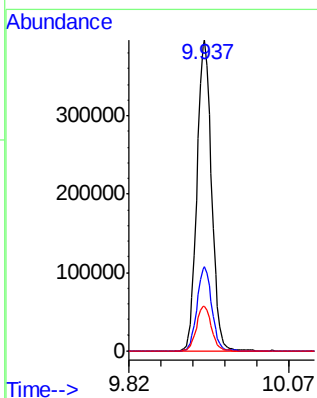
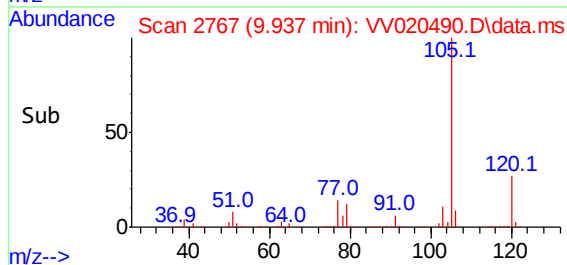


#58  
Isopropylbenzene  
Concen: 5.04 ug/L  
RT: 9.937 min Scan# 2767  
Delta R.T. -0.000 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

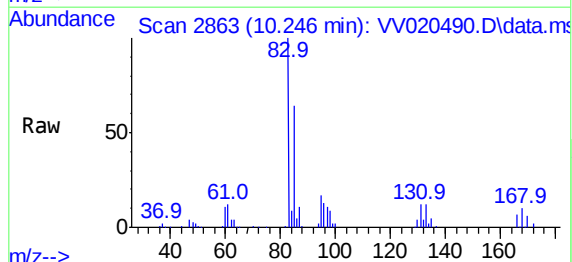
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00546



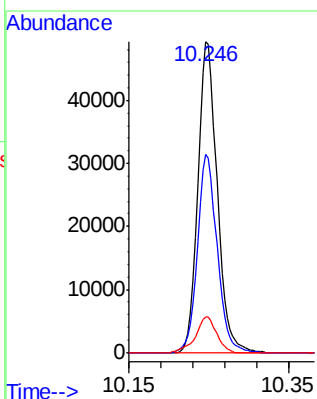
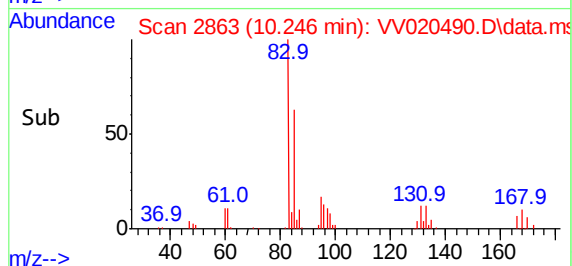
Tgt Ion:105 Resp: 602826  
Ion Ratio Lower Upper  
105 100  
120 27.2 21.1 31.7  
77 14.5 13.0 19.6

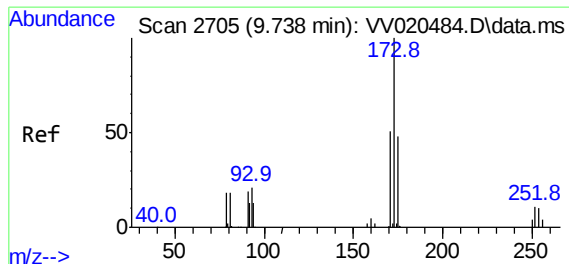


#60  
1,1,2,2-Tetrachloroethane  
Concen: 4.25 ug/L  
RT: 10.246 min Scan# 2863  
Delta R.T. -0.003 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11



Tgt Ion: 83 Resp: 79779  
Ion Ratio Lower Upper  
83 100  
85 63.8 44.4 82.5  
131 11.5 9.2 13.8

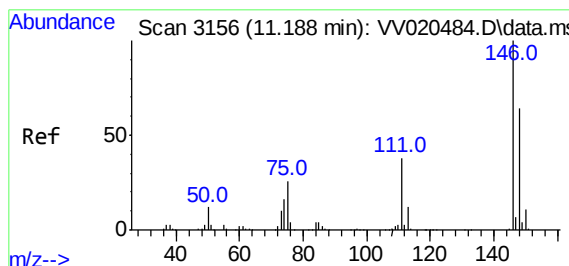
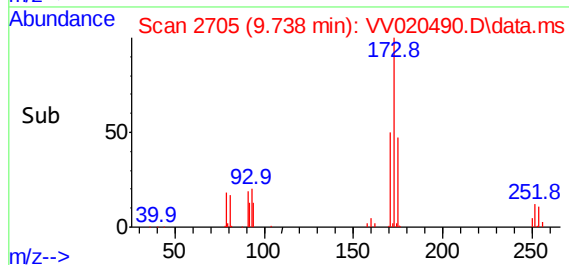
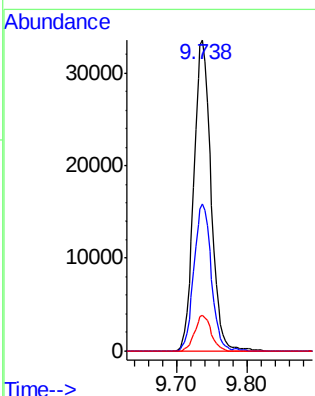
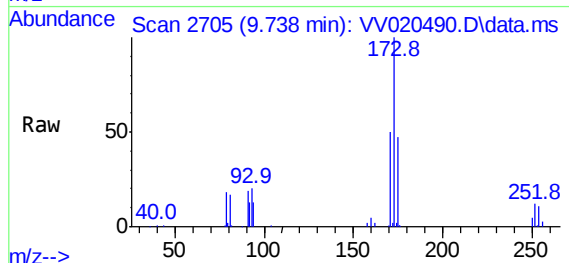




#62  
Bromoform  
Concen: 4.91 ug/L  
RT: 9.738 min Scan# 2705  
Delta R.T. -0.000 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

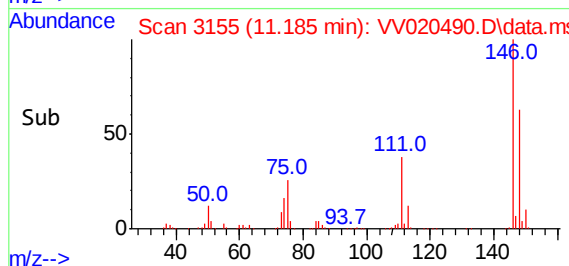
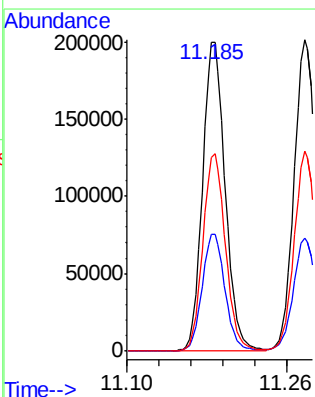
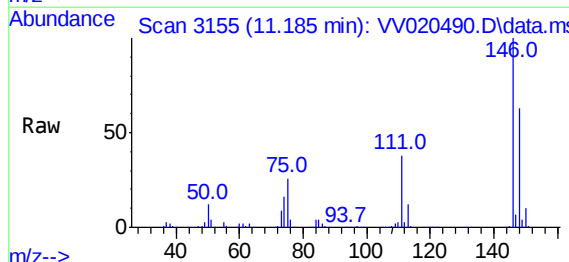
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00546

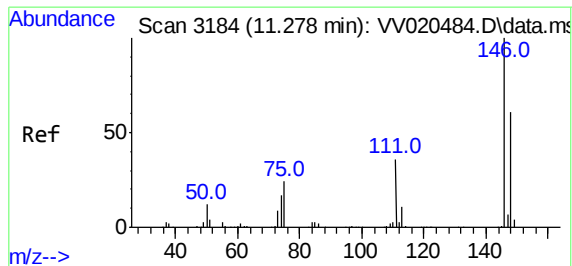
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 56301 |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 47.8  | 39.6  | 59.4  |
| 254      | 10.8  | 8.4   | 12.6  |



#63  
1,3-Dichlorobenzene  
Concen: 4.80 ug/L  
RT: 11.185 min Scan# 3155  
Delta R.T. -0.003 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 312420 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 37.7  | 27.3  | 50.7   |
| 148      | 62.7  | 45.6  | 84.6   |

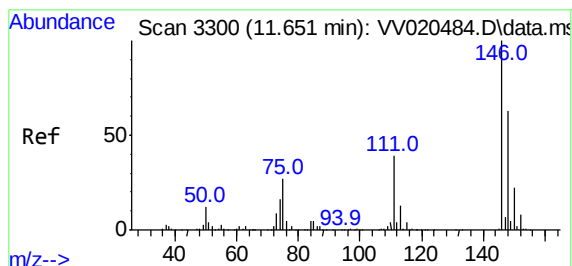
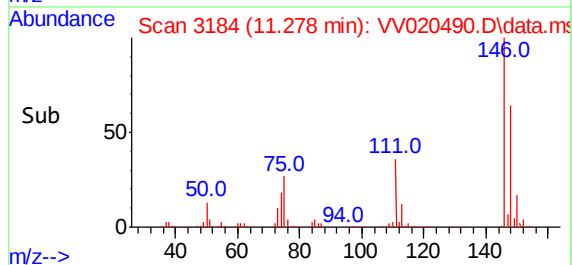
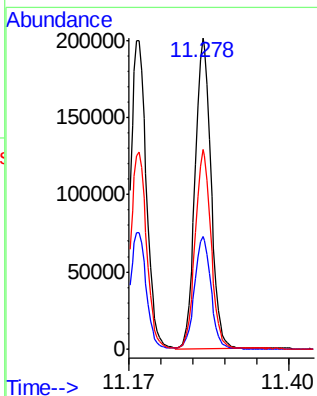
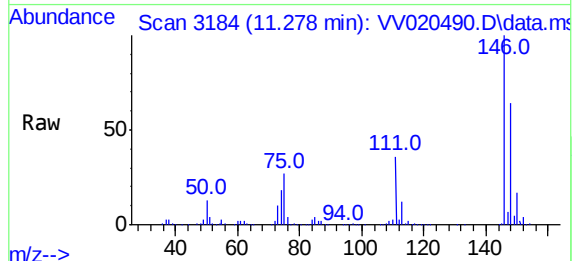




#64  
1,4-Dichlorobenzene  
Concen: 4.75 ug/L  
RT: 11.278 min Scan# 3184  
Delta R.T. -0.000 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

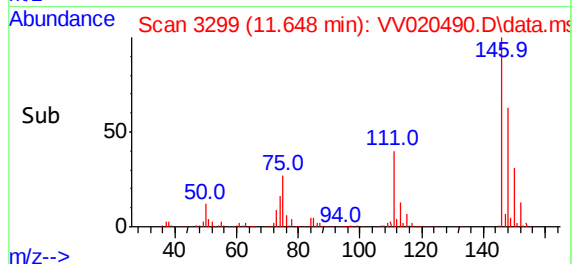
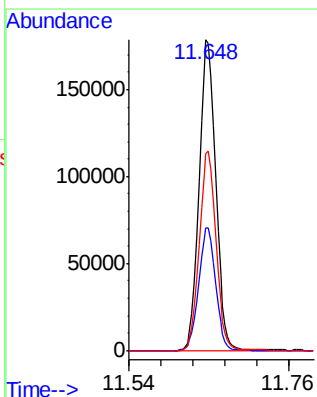
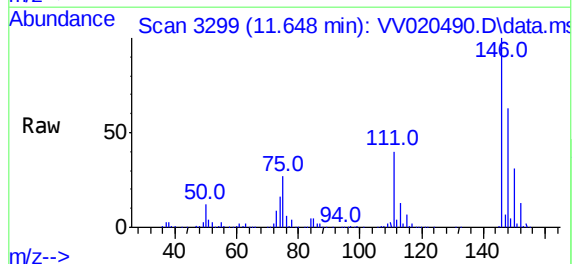
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00546

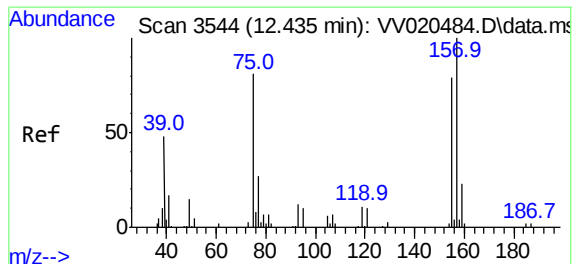
Tgt Ion:146 Resp: 313965  
Ion Ratio Lower Upper  
146 100  
111 36.3 27.4 51.0  
148 64.0 43.8 81.4



#66  
1,2-Dichlorobenzene  
Concen: 4.72 ug/L  
RT: 11.648 min Scan# 3299  
Delta R.T. -0.003 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

Tgt Ion:146 Resp: 279584  
Ion Ratio Lower Upper  
146 100  
111 39.6 33.0 49.4  
148 63.2 49.9 74.9

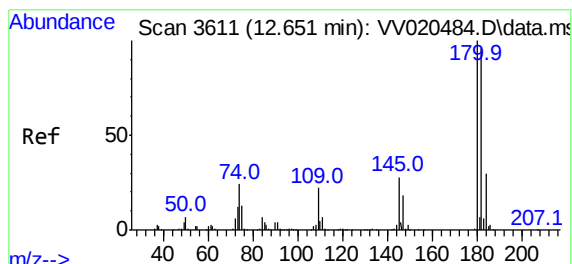
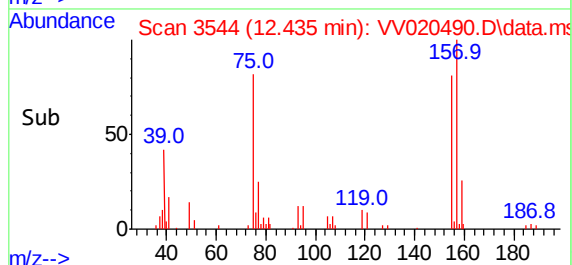
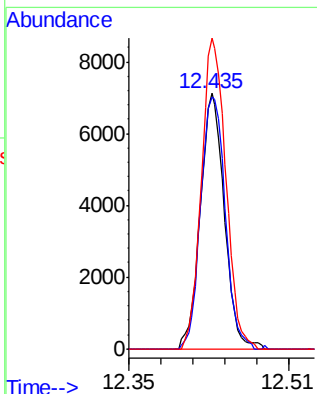
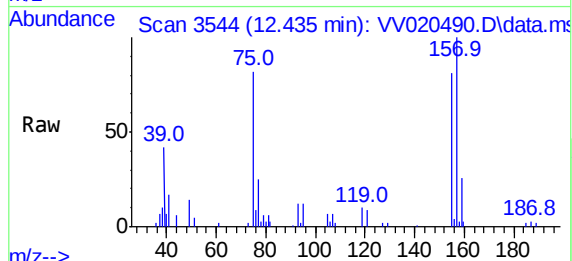




#67  
1,2-Dibromo-3-chloropropane  
Concen: 3.93 ug/L  
RT: 12.435 min Scan# 3544  
Delta R.T. -0.000 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

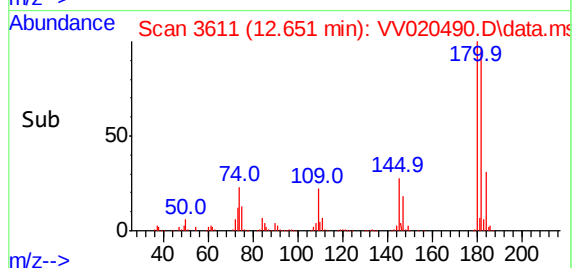
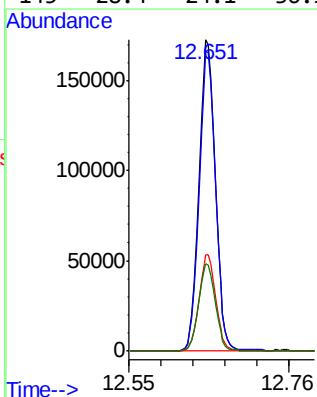
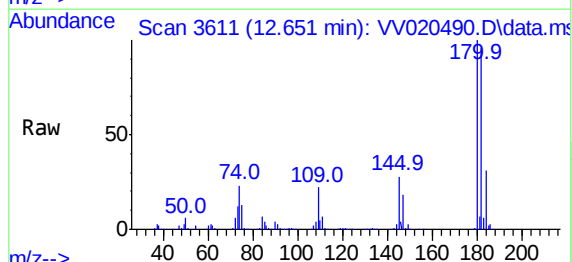
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MSVOA\_V  
ClientSampleId :  
VSTD00546

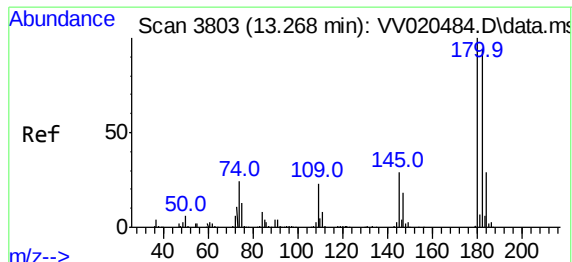
Tgt Ion: 75 Resp: 11430  
Ion Ratio Lower Upper  
75 100  
155 98.5 68.7 103.1  
157 121.7 87.8 131.8



#68  
1,3,5-Trichlorobenzene  
Concen: 5.02 ug/L  
RT: 12.651 min Scan# 3611  
Delta R.T. -0.000 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

Tgt Ion: 180 Resp: 265112  
Ion Ratio Lower Upper  
180 100  
182 96.0 77.1 115.7  
184 31.0 25.2 37.8  
145 28.4 24.1 36.1

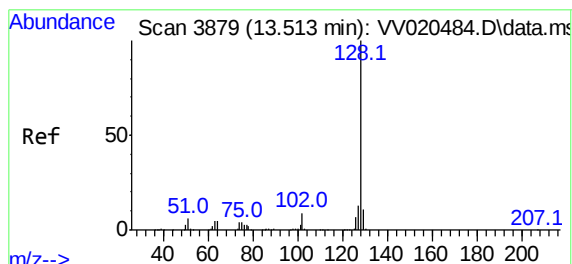
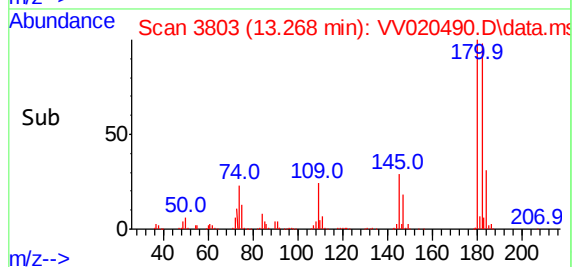
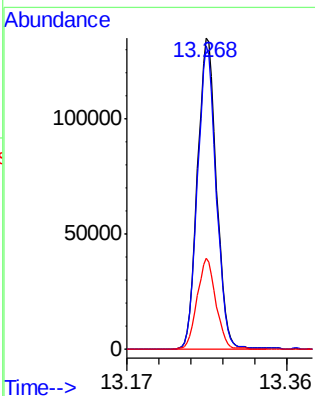
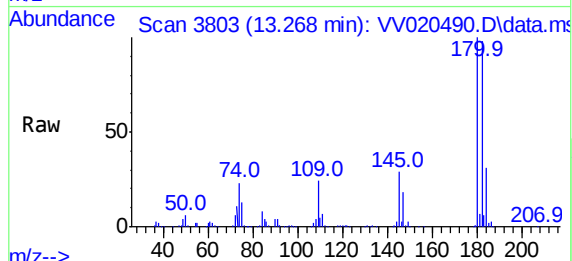




#69  
1,2,4-trichlorobenzene  
Concen: 4.95 ug/L  
RT: 13.268 min Scan# 3803  
Delta R.T. -0.000 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

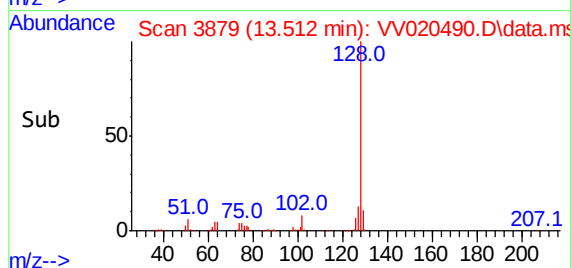
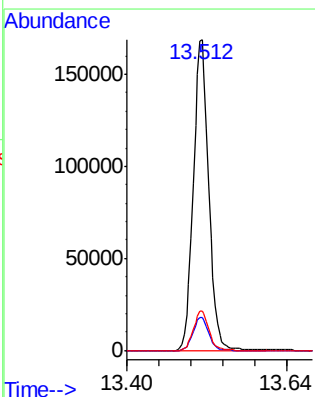
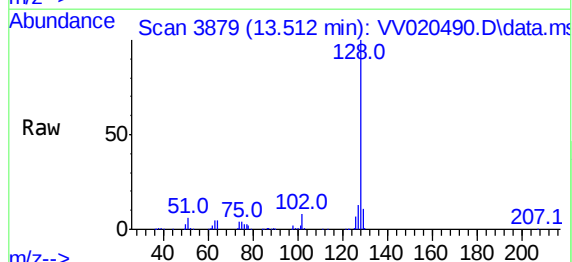
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ClientSampleId :  
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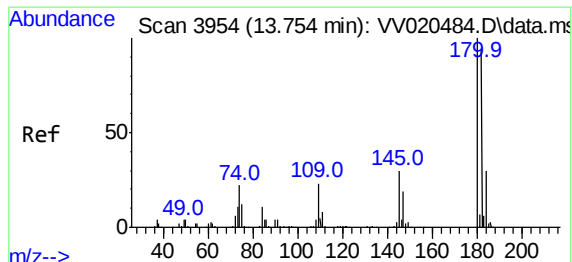
Tgt Ion:180 Resp: 208013  
Ion Ratio Lower Upper  
180 100  
182 95.9 75.4 113.2  
145 28.6 24.2 36.2



#70  
Naphthalene  
Concen: 4.49 ug/L  
RT: 13.512 min Scan# 3879  
Delta R.T. -0.000 min  
Lab File: VV020490.D  
Acq: 10 Mar 2021 10:11

Tgt Ion:128 Resp: 262811  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.1 13.7  
127 12.6 11.0 16.6





#71  
 1,2,3-Trichlorobenzene  
 Concen: 5.09 ug/L  
 RT: 13.750 min Scan# 3953  
 Delta R.T. -0.003 min  
 Lab File: VV020490.D  
 Acq: 10 Mar 2021 10:11

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD00546

Tgt Ion:180 Resp: 186244  
 Ion Ratio Lower Upper  
 180 100  
 182 96.1 74.2 111.4  
 145 30.0 26.0 39.0

