

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV100621\  
 Data File : VV022613.D  
 Acq On : 06 Oct 2021 10:06  
 Operator : SY/MD  
 Sample : VSTDCCC005  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Oct 07 06:12:17 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100421WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Oct 06 07:50:25 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.613  | 114            | 117668   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117            | 114550   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 63665    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65             | 18670    | 4.952  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 99.000%  |          |
| 7) Chloroethane-d5            | 1.565  | 69             | 26846    | 5.283  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 105.600% |          |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63             | 54873    | 5.016  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 100.400% |          |
| 20) 2-Butanone-d5             | 3.912  | 46             | 87380    | 39.209 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 78.420%  |          |
| 24) Chloroform-d              | 4.343  | 84             | 70740    | 4.873  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 97.400%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65             | 33450    | 4.891  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 97.800%  |          |
| 32) Benzene-d6                | 5.043  | 84             | 122413   | 4.742  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 94.800%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67             | 41287    | 4.533  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 90.600%  |          |
| 41) Toluene-d8                | 7.313  | 98             | 106226   | 4.909  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 98.200%  |          |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79             | 11650    | 4.834  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 96.600%  |          |
| 46) 2-Hexanone-d5             | 8.095  | 63             | 76727    | 51.415 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 102.840% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 32702    | 4.726  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 94.600%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152            | 45087    | 4.578  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 91.600%  |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        |          | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.127  | 85             | 48000    | 5.356  | ug/L     | 98       |
| 3) Chloromethane              | 1.240  | 50             | 48563    | 5.412  | ug/L     | 100      |
| 5) Vinyl chloride             | 1.307  | 62             | 50311    | 5.555  | ug/L     | 99       |
| 6) Bromomethane               | 1.519  | 94             | 33300    | 5.539  | ug/L     | 98       |
| 8) Chloroethane               | 1.584  | 64             | 31854    | 5.531  | ug/L     | 98       |
| 9) Trichlorofluoromethane     | 1.751  | 101            | 73708    | 5.440  | ug/L     | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.111  | 101            | 44158    | 5.668  | ug/L     | 99       |
| 12) 1,1-Dichloroethene        | 2.114  | 96             | 38502    | 5.341  | ug/L     | 94       |
| 13) Acetone                   | 2.188  | 43             | 43512    | 36.307 | ug/L #   | 52       |
| 14) Carbon disulfide          | 2.288  | 76             | 114402   | 5.426  | ug/L     | 99       |
| 15) Methyl Acetate            | 2.436  | 43             | 12319    | 3.490  | ug/L #   | 75       |
| 16) Methylene chloride        | 2.500  | 84             | 43715    | 5.264  | ug/L     | 98       |
| 17) Methyl tert-butyl Ether   | 2.770  | 73             | 94672    | 5.168  | ug/L     | 99       |
| 18) trans-1,2-Dichloroethene  | 2.751  | 96             | 42794    | 5.448  | ug/L     | 99       |
| 19) 1,1-Dichloroethane        | 3.182  | 63             | 78372    | 5.561  | ug/L     | 98       |
| 21) 2-Butanone                | 4.002  | 43             | 70337    | 36.662 | ug/L     | 98       |
| 22) cis-1,2-Dichloroethene    | 3.905  | 96             | 47184    | 5.536  | ug/L     | 99       |
| 23) Bromochloromethane        | 4.240  | 128            | 20995    | 5.233  | ug/L     | 89       |
| 25) Chloroform                | 4.368  | 83             | 79363    | 5.157  | ug/L     | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW100621\  
 Data File : VW022613.D  
 Acq On : 06 Oct 2021 10:06  
 Operator : SY/MD  
 Sample : VSTDCCC005  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Oct 07 06:12:17 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100421WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Oct 06 07:50:25 2021  
 Response via : Initial Calibration

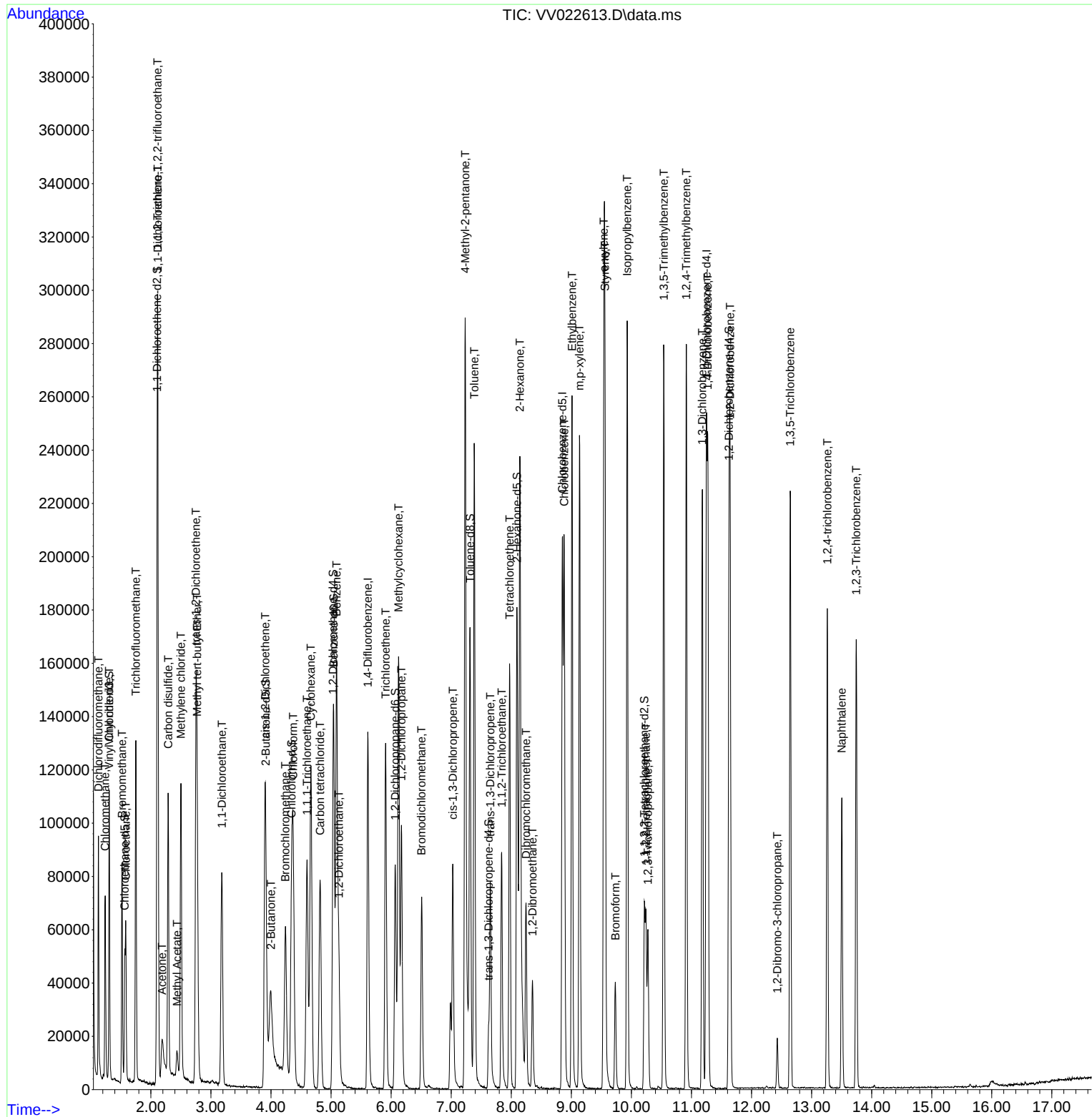
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.130  | 62   | 41265    | 5.038  | ug/L  | 96       |
| 29) 1,1,1-Trichloroethane     | 4.600  | 97   | 66827    | 5.106  | ug/L  | 96       |
| 30) Cyclohexane               | 4.664  | 56   | 61804    | 5.212  | ug/L  | 97       |
| 31) Carbon tetrachloride      | 4.818  | 117  | 60091    | 5.176  | ug/L  | 99       |
| 33) Benzene                   | 5.092  | 78   | 160655   | 5.204  | ug/L  | 100      |
| 34) Trichloroethene           | 5.908  | 95   | 43192    | 4.814  | ug/L  | 98       |
| 35) Methylcyclohexane         | 6.124  | 83   | 64866    | 5.160  | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 6.172  | 63   | 38037    | 5.047  | ug/L  | 100      |
| 38) Bromodichloromethane      | 6.506  | 83   | 47767    | 5.002  | ug/L  | 98       |
| 39) cis-1,3-Dichloropropene   | 7.027  | 75   | 52826    | 5.201  | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 7.233  | 43   | 221879   | 53.486 | ug/L  | 98       |
| 42) Toluene                   | 7.384  | 91   | 176537   | 5.444  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 7.651  | 75   | 44528    | 5.252  | ug/L  | 99       |
| 45) 1,1,2-Trichloroethane     | 7.841  | 97   | 29192    | 5.189  | ug/L  | 97       |
| 47) Tetrachloroethene         | 7.973  | 164  | 36857    | 5.283  | ug/L  | 98       |
| 48) 2-Hexanone                | 8.143  | 43   | 165957   | 55.607 | ug/L  | 99       |
| 49) Dibromochloromethane      | 8.246  | 129  | 35364    | 5.333  | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 8.352  | 107  | 27567    | 5.271  | ug/L  | 97       |
| 51) Chlorobenzene             | 8.883  | 112  | 111475   | 5.252  | ug/L  | 99       |
| 52) Ethylbenzene              | 9.011  | 91   | 178325   | 5.358  | ug/L  | 100      |
| 53) m,p-xylene                | 9.137  | 106  | 71325    | 5.621  | ug/L  | 92       |
| 54) o-xylene                  | 9.542  | 106  | 67376    | 5.337  | ug/L  | 100      |
| 55) Styrene                   | 9.561  | 104  | 119426   | 5.565  | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 10.243 | 83   | 29975    | 4.911  | ug/L  | 99       |
| 59) Bromoform                 | 9.735  | 173  | 19164    | 5.131  | ug/L  | 99       |
| 60) Isopropylbenzene          | 9.931  | 105  | 181262   | 5.296  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.275 | 75   | 22625    | 4.794  | ug/L  | 94       |
| 62) 1,3,5-Trimethylbenzene    | 10.538 | 105  | 147353   | 5.310  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.915 | 105  | 150669   | 5.344  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.181 | 146  | 94366    | 5.385  | ug/L  | 98       |
| 65) 1,4-Dichlorobenzene       | 11.272 | 146  | 93221    | 5.201  | ug/L  | 95       |
| 67) 1,2-Dichlorobenzene       | 11.644 | 146  | 86901    | 5.323  | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.429 | 75   | 4257     | 4.720  | ug/L  | 95       |
| 69) 1,3,5-Trichlorobenzene    | 12.644 | 180  | 70319    | 5.360  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.262 | 180  | 56263    | 5.344  | ug/L  | 97       |
| 71) Naphthalene               | 13.503 | 128  | 86340    | 5.005  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.744 | 180  | 51617    | 5.336  | ug/L  | 97       |

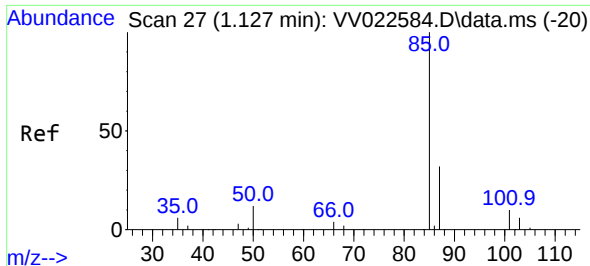
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV100621\  
 Data File : VV022613.D  
 Acq On : 06 Oct 2021 10:06  
 Operator : SY/MD  
 Sample : VSTDCCC005  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Oct 07 06:12:17 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100421WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Oct 06 07:50:25 2021  
 Response via : Initial Calibration

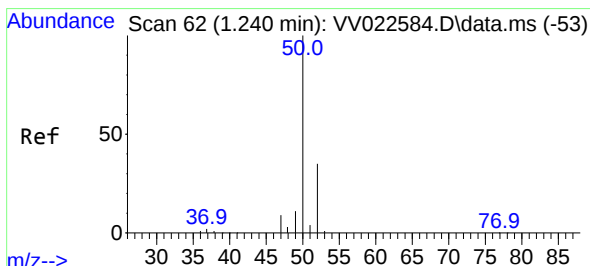
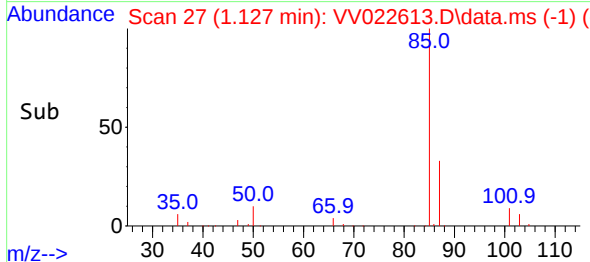
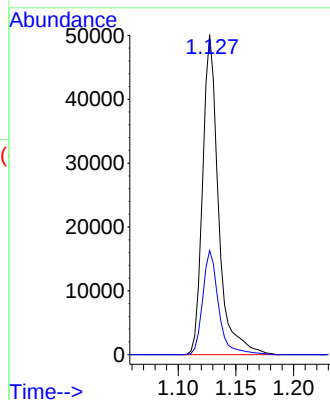
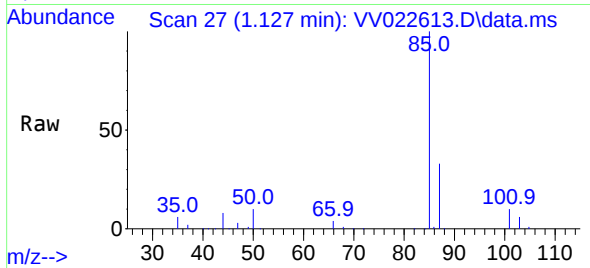




#2  
 Dichlorodifluoromethane  
 Concen: 5.356 ug/L  
 RT: 1.127 min Scan# 27  
 Delta R.T. 0.000 min  
 Lab File: VV022613.D  
 Acq: 06 Oct 2021 10:06

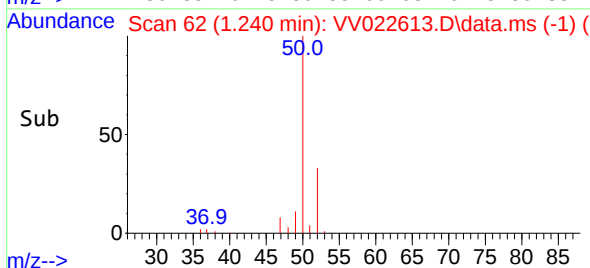
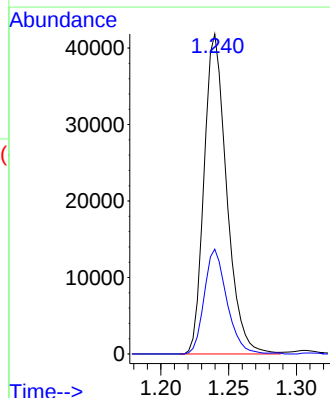
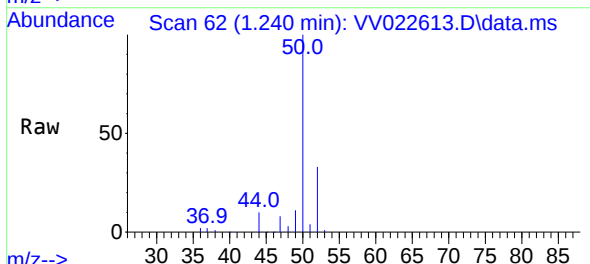
Instrument :  
 MSVOA\_V  
 ClientSampled :

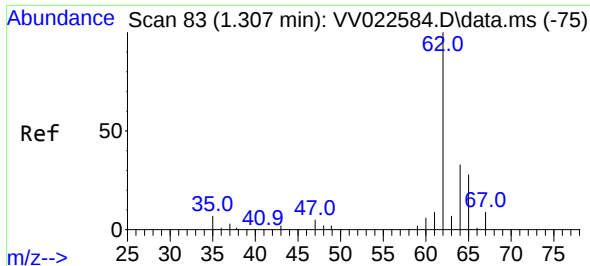
Tgt Ion: 85 Resp: 48000  
 Ion Ratio Lower Upper  
 85 100  
 87 32.6 25.4 38.0



#3  
 Chloromethane  
 Concen: 5.412 ug/L  
 RT: 1.240 min Scan# 62  
 Delta R.T. 0.000 min  
 Lab File: VV022613.D  
 Acq: 06 Oct 2021 10:06

Tgt Ion: 50 Resp: 48563  
 Ion Ratio Lower Upper  
 50 100  
 52 32.7 23.0 42.8

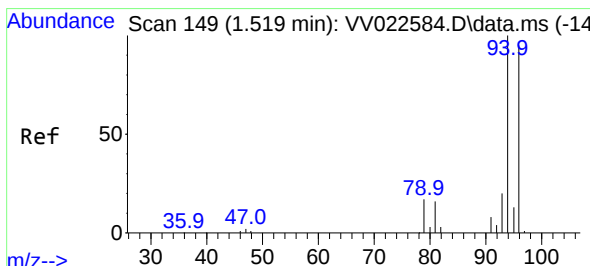
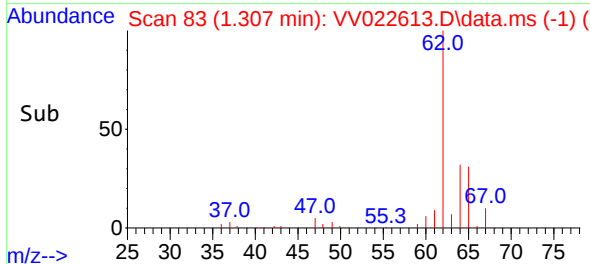
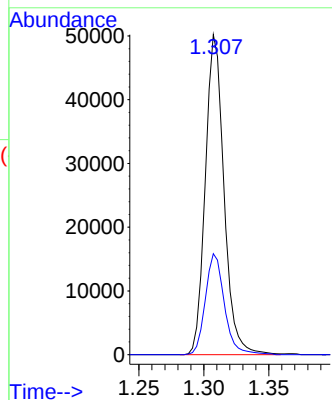
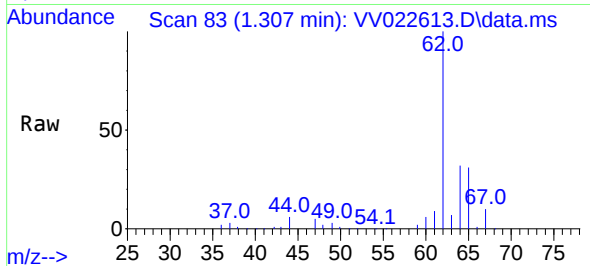




#5  
Vinyl chloride  
Concen: 5.555 ug/L  
RT: 1.307 min Scan# 83  
Delta R.T. 0.000 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

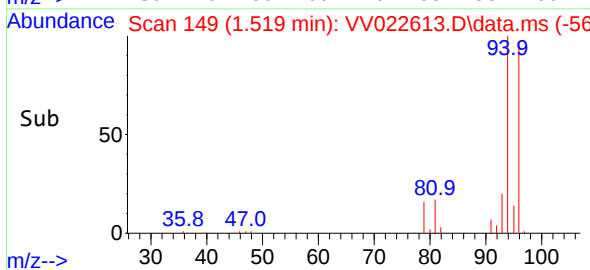
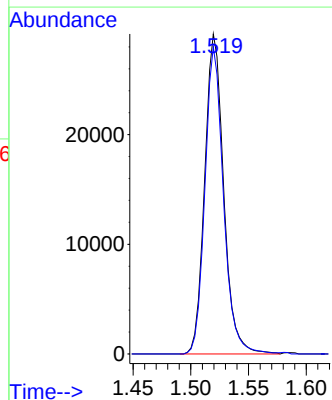
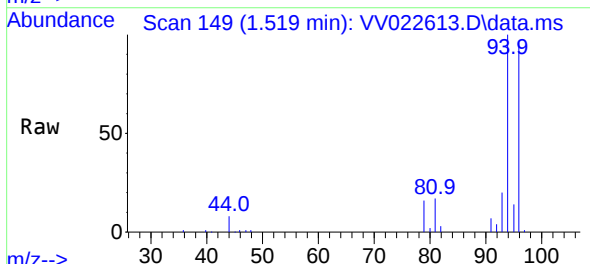
Instrument :  
MSVOA\_V  
ClientSampleId :

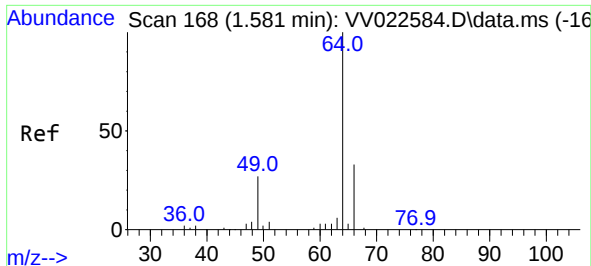
Tgt Ion: 62 Resp: 50311  
Ion Ratio Lower Upper  
62 100  
64 31.6 22.3 41.5



#6  
Bromomethane  
Concen: 5.539 ug/L  
RT: 1.519 min Scan# 149  
Delta R.T. 0.000 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

Tgt Ion: 94 Resp: 33300  
Ion Ratio Lower Upper  
94 100  
96 96.0 65.9 122.3

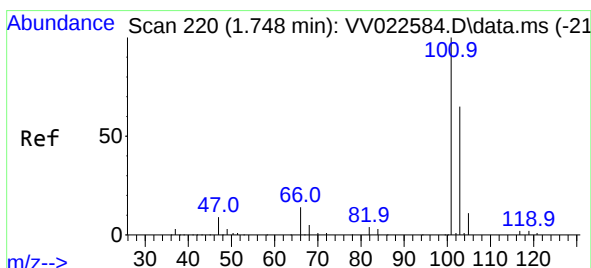
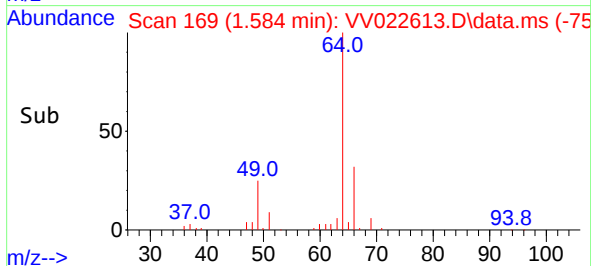
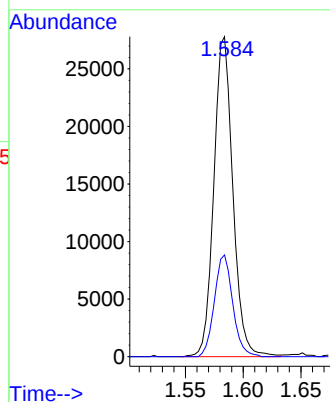
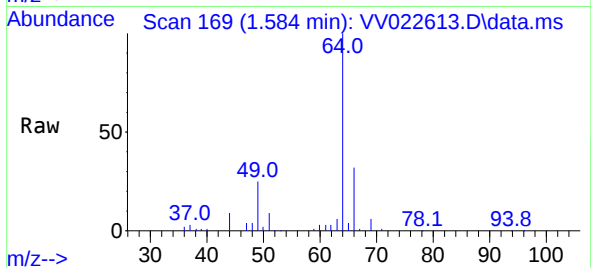




#8  
Chloroethane  
Concen: 5.531 ug/L  
RT: 1.584 min Scan# 169  
Delta R.T. 0.003 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

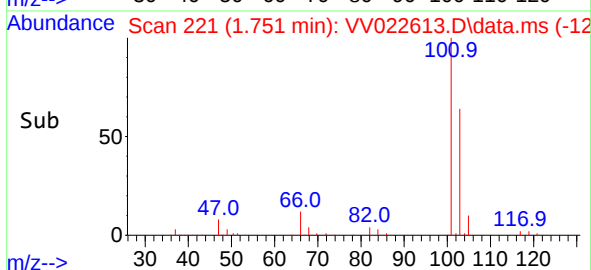
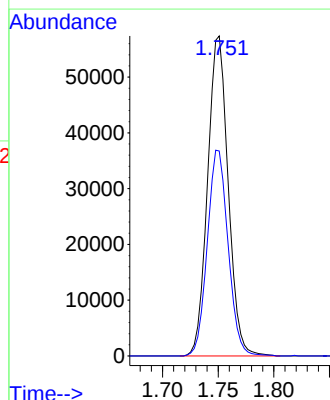
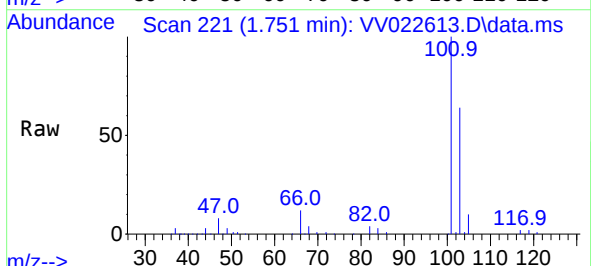
Instrument :  
MSVOA\_V  
ClientSampled :

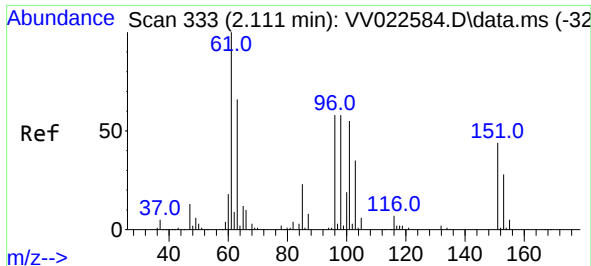
Tgt Ion: 64 Resp: 31854  
Ion Ratio Lower Upper  
64 100  
66 31.8 23.2 43.0



#9  
Trichlorofluoromethane  
Concen: 5.440 ug/L  
RT: 1.751 min Scan# 221  
Delta R.T. 0.003 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

Tgt Ion: 101 Resp: 73708  
Ion Ratio Lower Upper  
101 100  
103 64.9 51.4 77.2

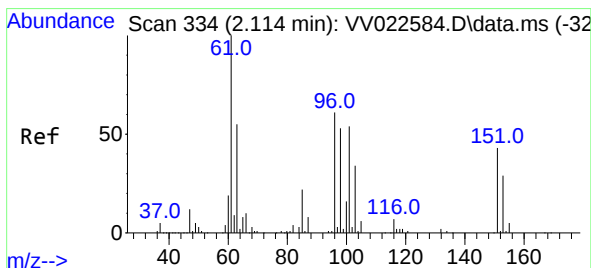
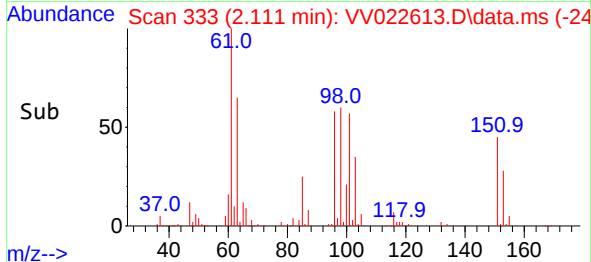
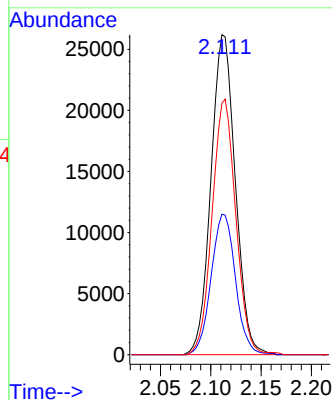
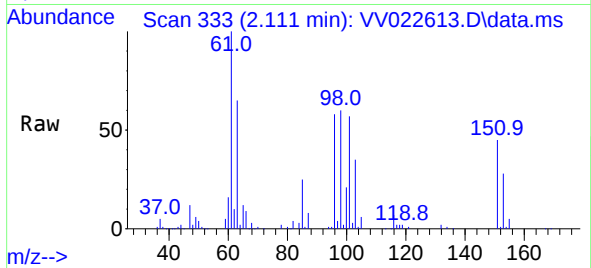




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 5.668 ug/L  
RT: 2.111 min Scan# 333  
Delta R.T. 0.000 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

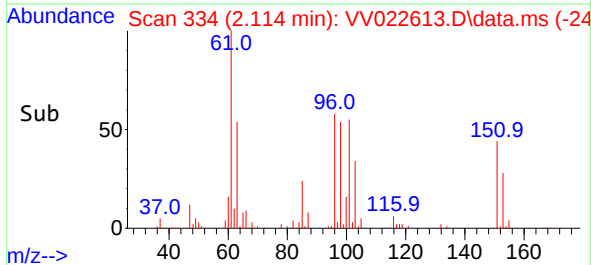
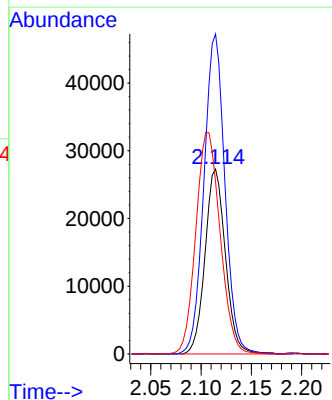
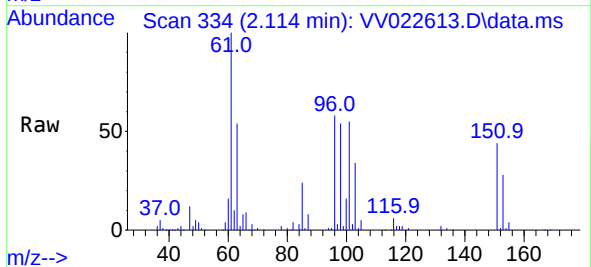
Instrument :  
MSVOA\_V  
ClientSampleId :

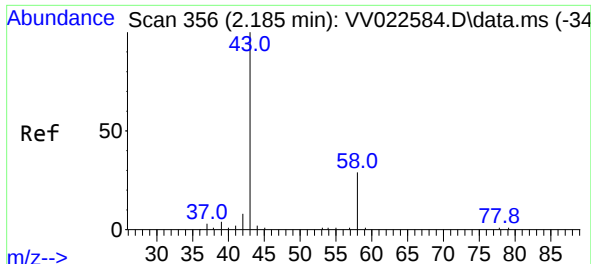
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Ion Ratio Lower Upper  
101 100  
85 43.8 35.8 53.6  
151 77.9 61.9 92.9



#12  
1,1-Dichloroethene  
Concen: 5.341 ug/L  
RT: 2.114 min Scan# 334  
Delta R.T. 0.000 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

Tgt Ion: 96 Resp: 38502  
Ion Ratio Lower Upper  
96 100  
61 173.0 113.2 210.2  
63 93.1 66.6 123.8

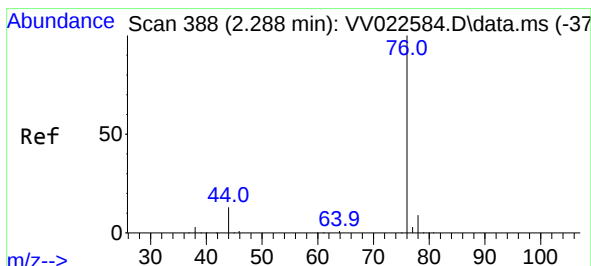
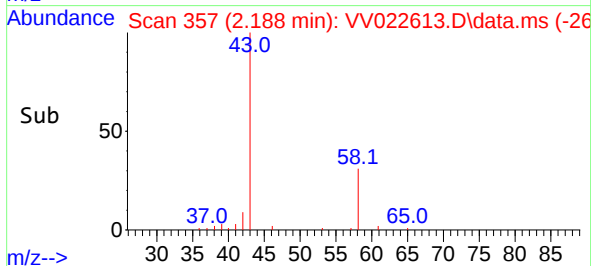
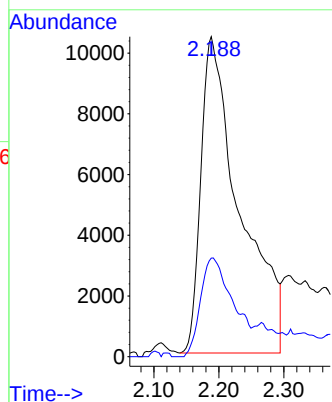
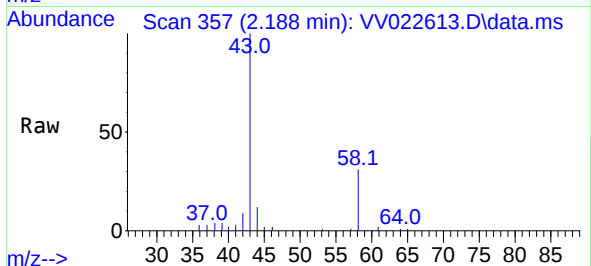




#13  
Acetone  
Concen: 36.307 ug/L  
RT: 2.188 min Scan# 357  
Delta R.T. 0.003 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

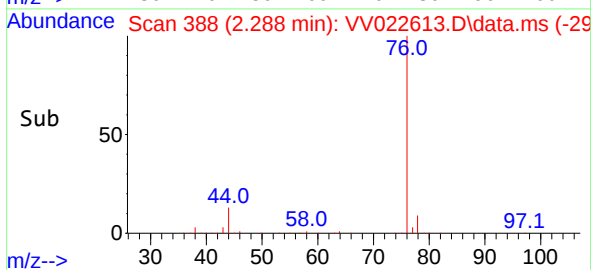
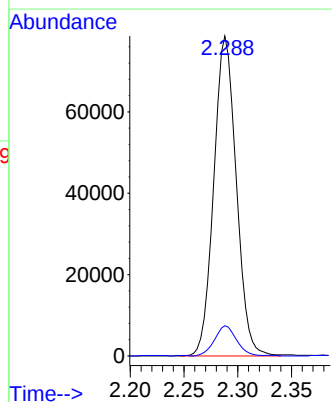
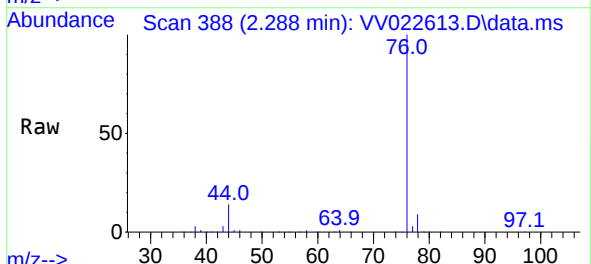
Instrument :  
MSVOA\_V  
ClientSampleId :

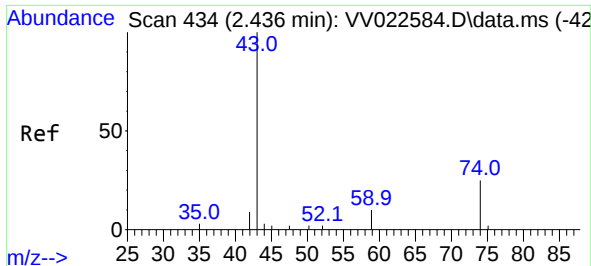
Tgt Ion: 43 Resp: 43512  
Ion Ratio Lower Upper  
43 100  
58 26.1 0.0 17.6#



#14  
Carbon disulfide  
Concen: 5.426 ug/L  
RT: 2.288 min Scan# 388  
Delta R.T. 0.000 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

Tgt Ion: 76 Resp: 114402  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.8 11.6

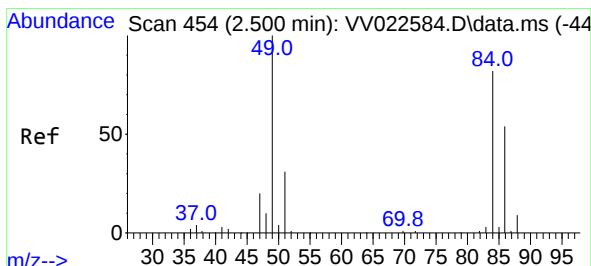
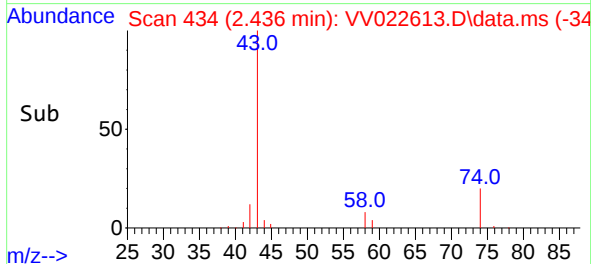
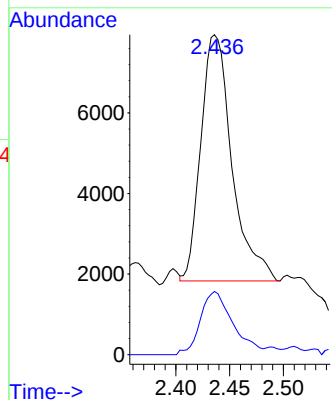
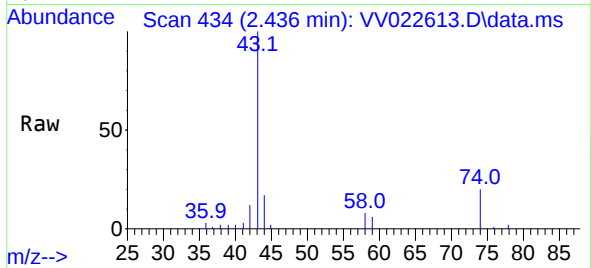




#15  
Methyl Acetate  
Concen: 3.490 ug/L  
RT: 2.436 min Scan# 434  
Delta R.T. 0.000 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

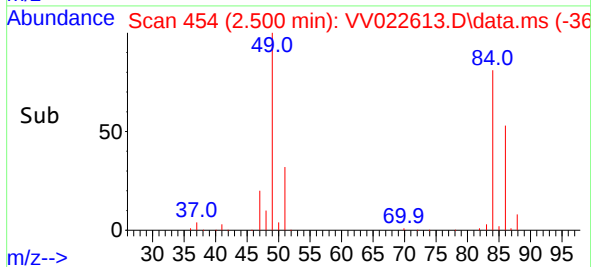
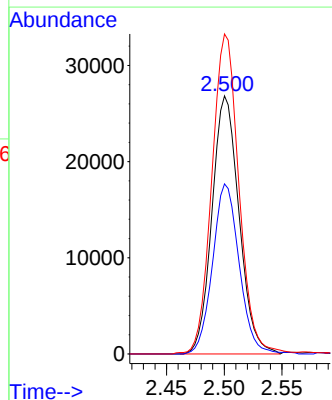
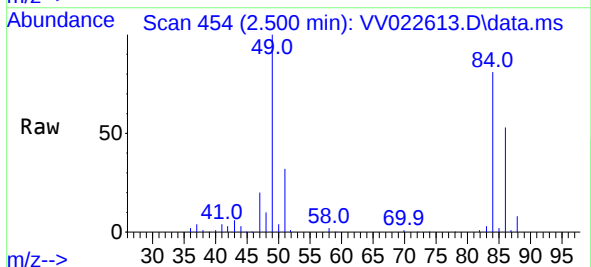
Instrument :  
MSVOA\_V  
ClientSampleId :

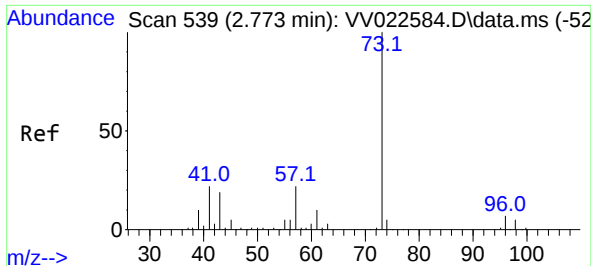
Tgt Ion: 43 Resp: 12319  
Ion Ratio Lower Upper  
43 100  
74 26.9 13.0 19.4#



#16  
Methylene chloride  
Concen: 5.264 ug/L  
RT: 2.500 min Scan# 454  
Delta R.T. 0.000 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

Tgt Ion: 84 Resp: 43715  
Ion Ratio Lower Upper  
84 100  
86 65.9 44.0 81.8  
49 124.0 85.9 159.5

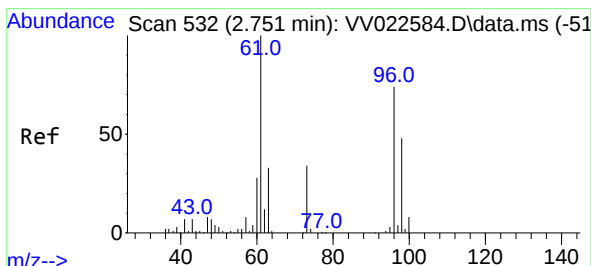
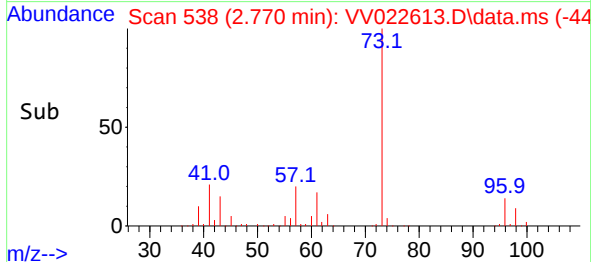
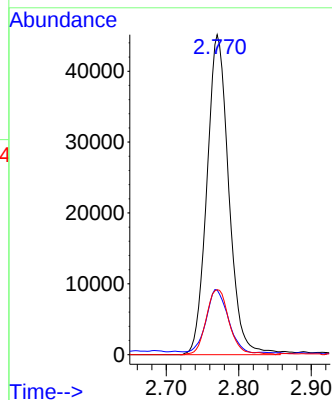
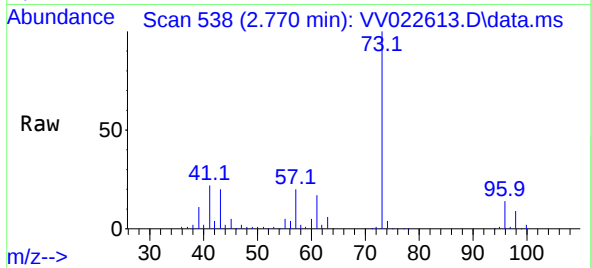




#17  
Methyl tert-butyl Ether  
Concen: 5.168 ug/L  
RT: 2.770 min Scan# 538  
Delta R.T. -0.003 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

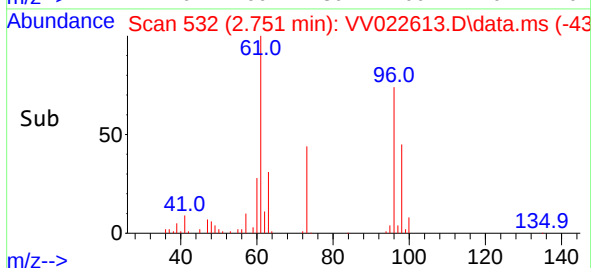
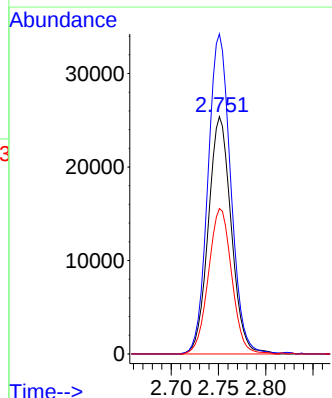
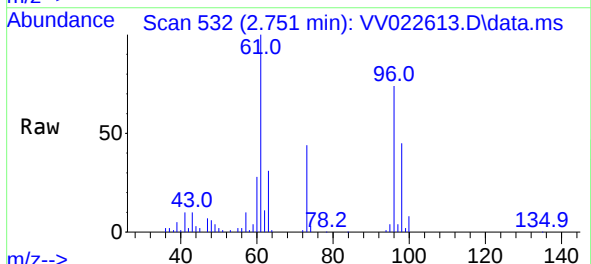
Instrument :  
MSVOA\_V  
ClientSampleId :

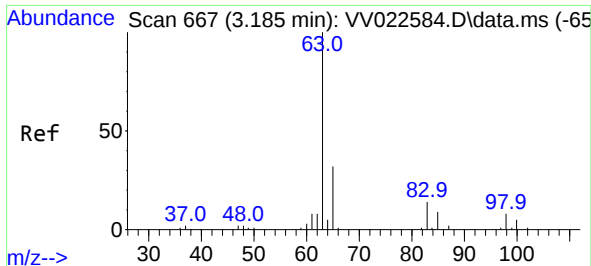
Tgt Ion: 73 Resp: 94672  
Ion Ratio Lower Upper  
73 100  
43 19.8 16.3 24.5  
57 21.3 17.5 26.3



#18  
trans-1,2-Dichloroethene  
Concen: 5.448 ug/L  
RT: 2.751 min Scan# 532  
Delta R.T. 0.000 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

Tgt Ion: 96 Resp: 42794  
Ion Ratio Lower Upper  
96 100  
61 134.8 94.0 174.6  
98 61.3 44.9 83.3

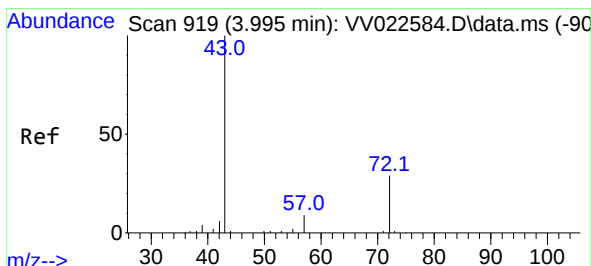
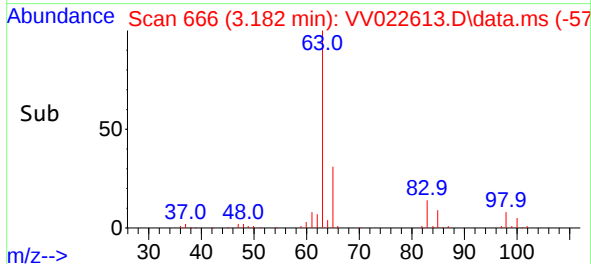
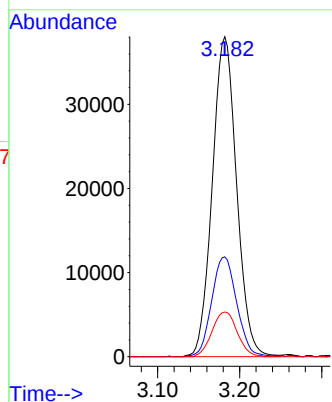
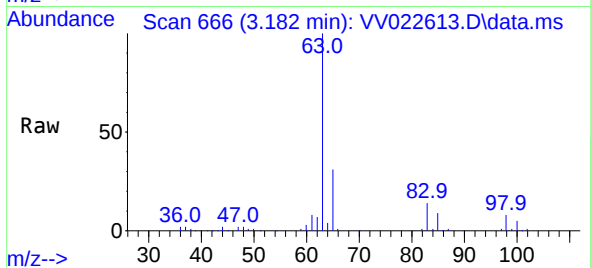




#19  
1,1-Dichloroethane  
Concen: 5.561 ug/L  
RT: 3.182 min Scan# 666  
Delta R.T. -0.003 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

Tgt Ion: 63 Resp: 78372

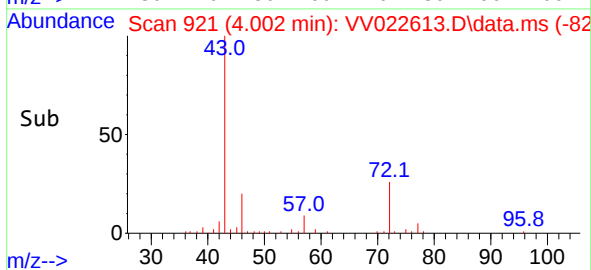
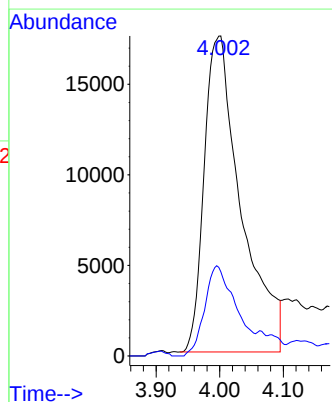
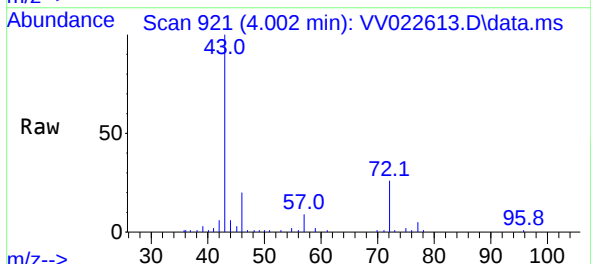
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 65  | 31.2  | 22.8  | 42.4  |
| 83  | 13.9  | 10.2  | 19.0  |

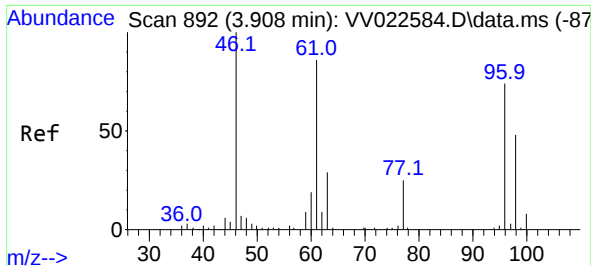


#21  
2-Butanone  
Concen: 36.662 ug/L  
RT: 4.002 min Scan# 921  
Delta R.T. 0.006 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

Tgt Ion: 43 Resp: 70337

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 24.2  | 12.7  | 38.1  |

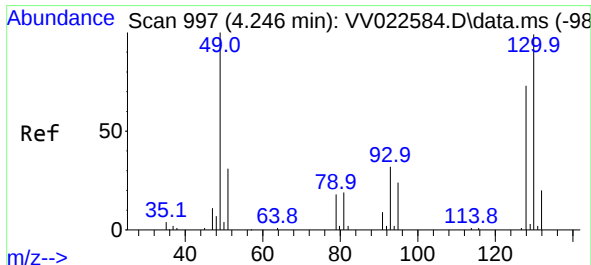
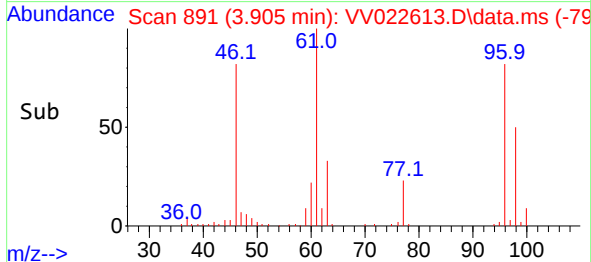
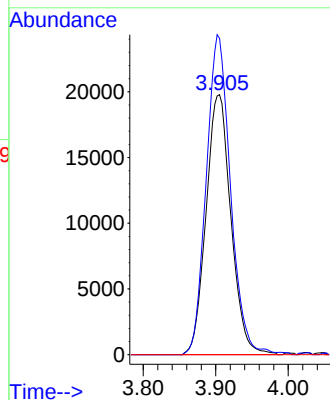
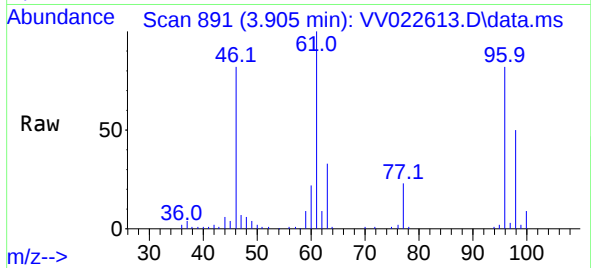




#22  
cis-1,2-Dichloroethene  
Concen: 5.536 ug/L  
RT: 3.905 min Scan# 891  
Delta R.T. -0.003 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

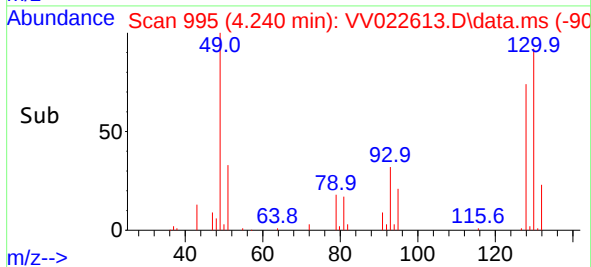
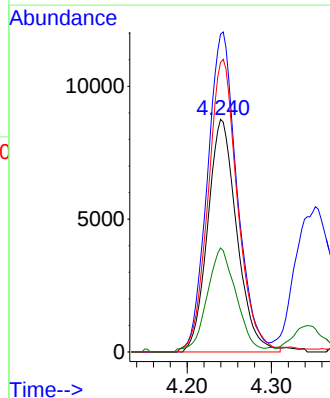
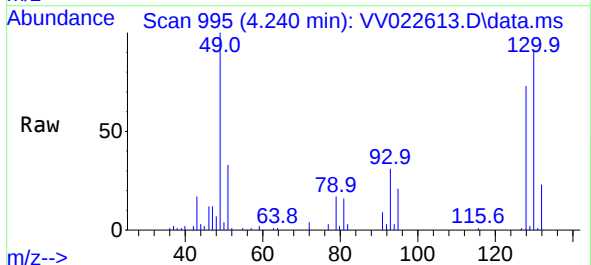
Instrument :  
MSVOA\_V  
ClientSampleId :

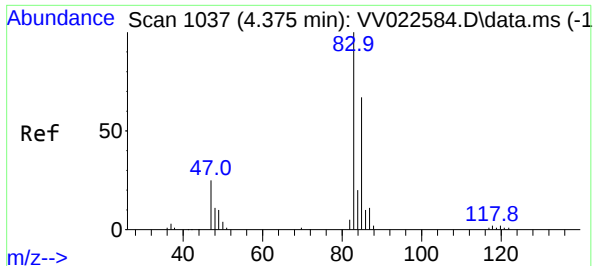
Tgt Ion: 96 Resp: 47184  
Ion Ratio Lower Upper  
96 100  
61 121.7 85.6 159.0  
68 0.0 0.0 0.0



#23  
Bromochloromethane  
Concen: 5.233 ug/L  
RT: 4.240 min Scan# 995  
Delta R.T. -0.006 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

Tgt Ion: 128 Resp: 20995  
Ion Ratio Lower Upper  
128 100  
49 136.6 110.7 205.5  
130 124.4 93.2 173.2  
51 44.7 39.0 58.6



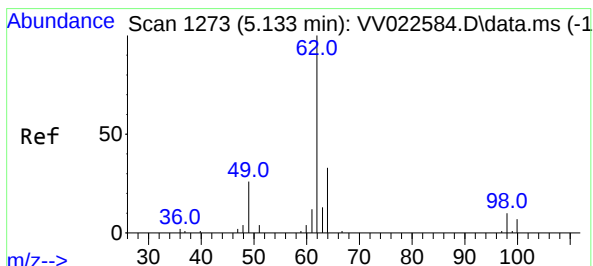
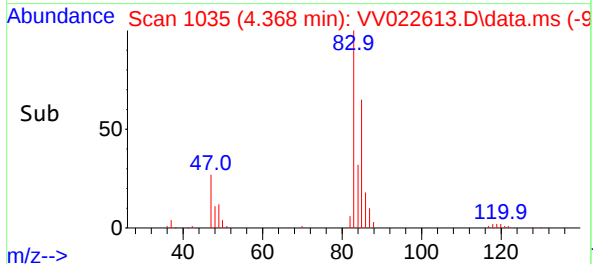
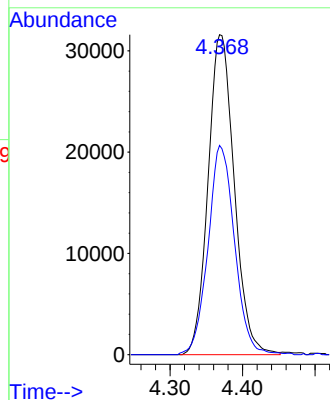
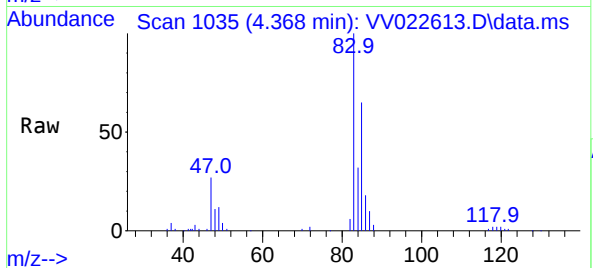


#25

Chloroform  
Concen: 5.157 ug/L  
RT: 4.368 min Scan# 1035  
Delta R.T. -0.006 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

Instrument :  
MSVOA\_V  
ClientSampled :

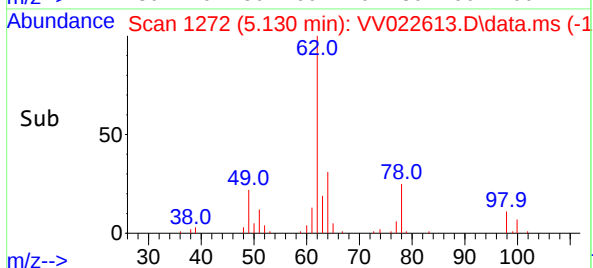
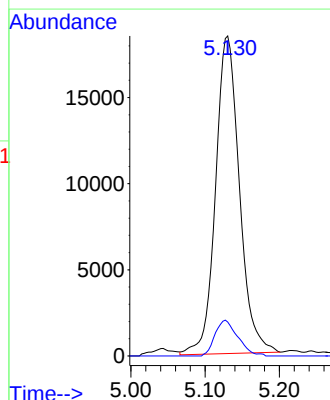
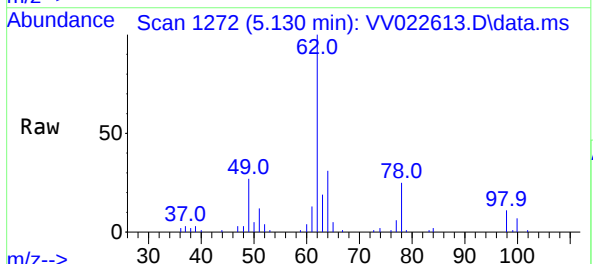
Tgt Ion: 83 Resp: 79363  
Ion Ratio Lower Upper  
83 100  
85 65.4 45.6 84.8

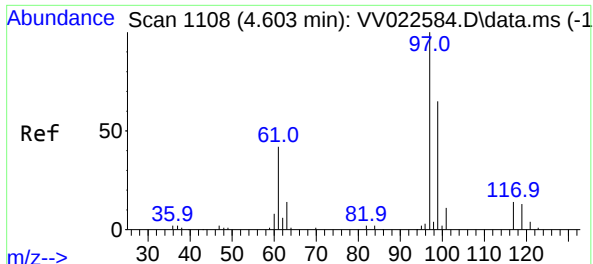


#27

1,2-Dichloroethane  
Concen: 5.038 ug/L  
RT: 5.130 min Scan# 1272  
Delta R.T. -0.003 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

Tgt Ion: 62 Resp: 41265  
Ion Ratio Lower Upper  
62 100  
98 10.6 7.4 11.2



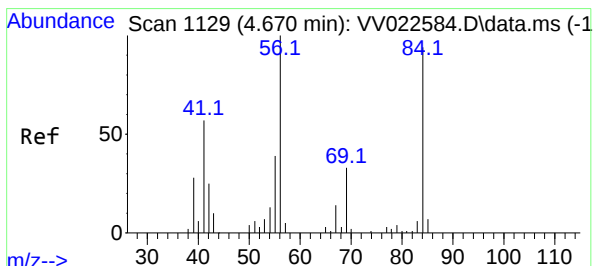
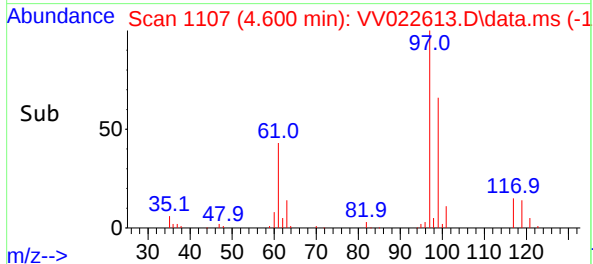
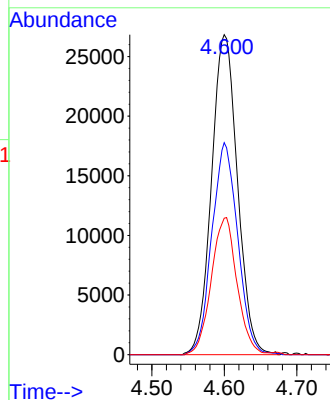
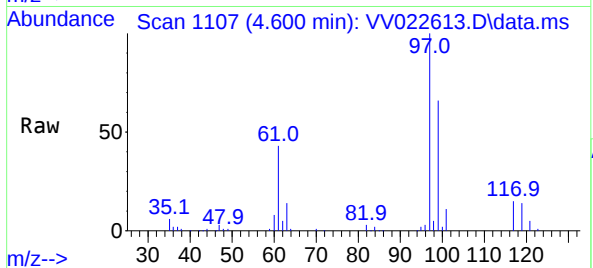


#29

1,1,1-Trichloroethane  
Concen: 5.106 ug/L  
RT: 4.600 min Scan# 1107  
Delta R.T. -0.003 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

Instrument :  
MSVOA\_V  
ClientSampled :

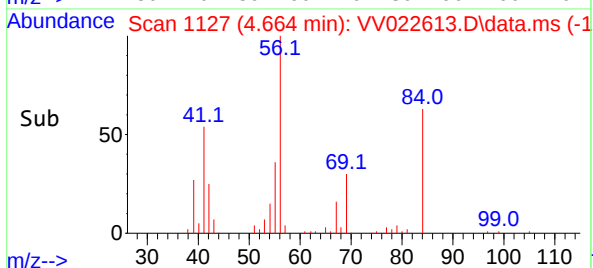
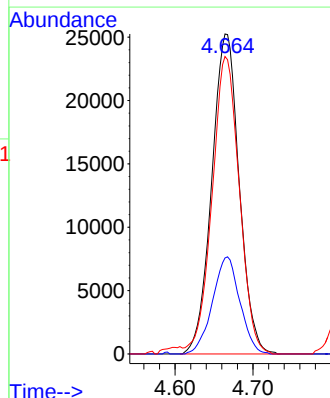
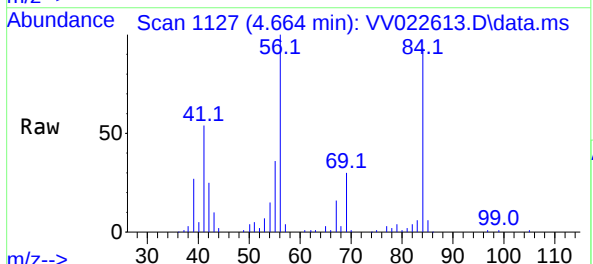
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 66827 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 66.2  | 49.8  | 74.6  |
| 61       | 42.4  | 32.5  | 48.7  |

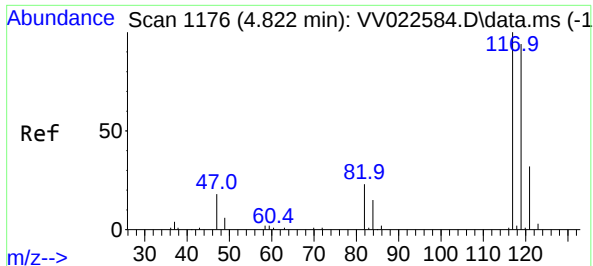


#30

Cyclohexane  
Concen: 5.212 ug/L  
RT: 4.664 min Scan# 1127  
Delta R.T. -0.006 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 61804 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 30.3  | 25.7  | 38.5  |
| 84       | 92.4  | 75.8  | 113.8 |

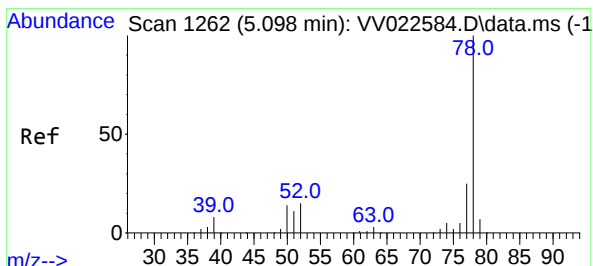
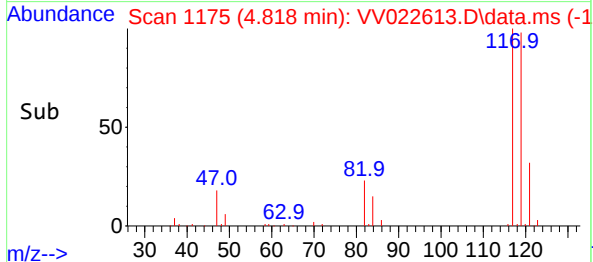
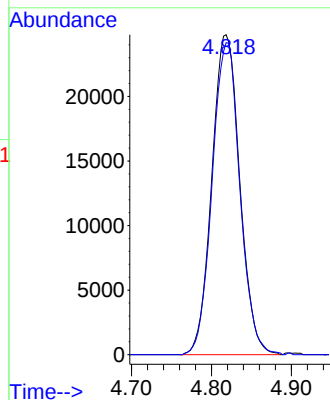
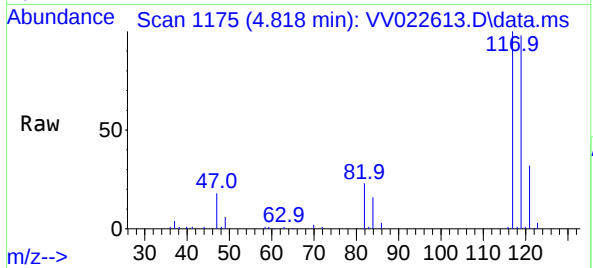




#31  
Carbon tetrachloride  
Concen: 5.176 ug/L  
RT: 4.818 min Scan# 1175  
Delta R.T. -0.003 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

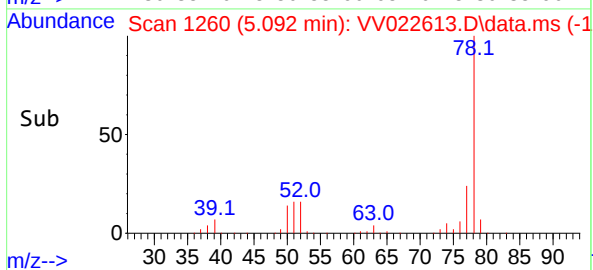
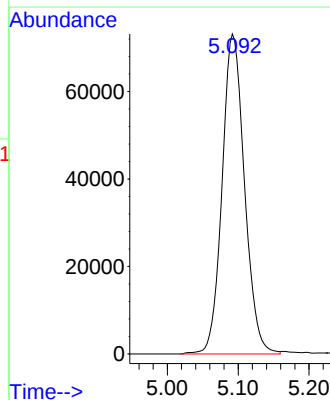
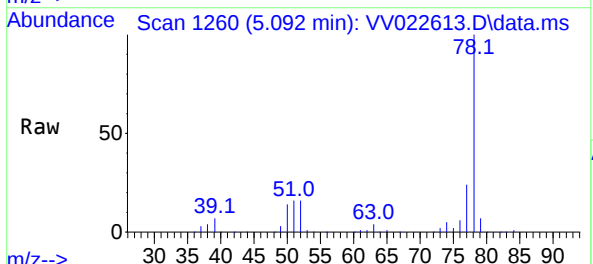
Instrument :  
MSVOA\_V  
ClientSampleId :

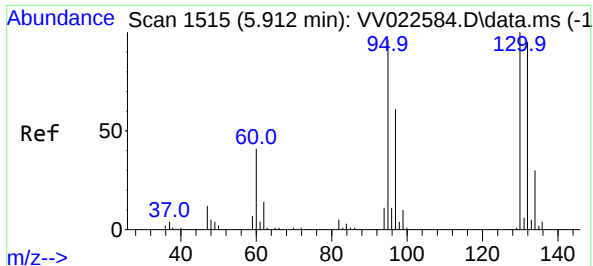
Tgt Ion:117 Resp: 60091  
Ion Ratio Lower Upper  
117 100  
119 96.6 76.9 115.3



#33  
Benzene  
Concen: 5.204 ug/L  
RT: 5.092 min Scan# 1260  
Delta R.T. -0.006 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

Tgt Ion: 78 Resp: 160655

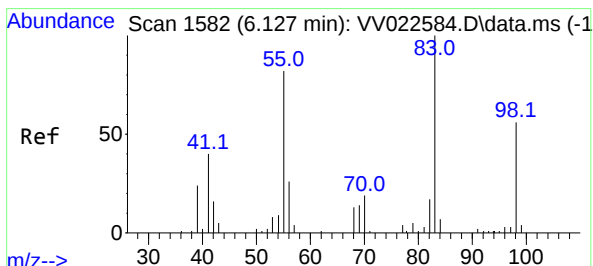
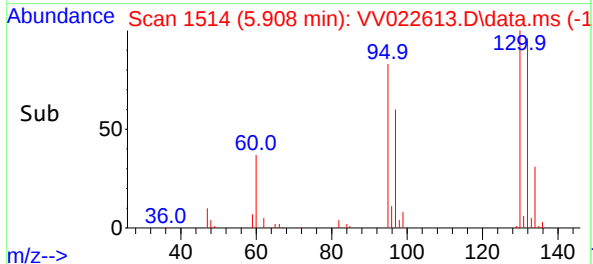
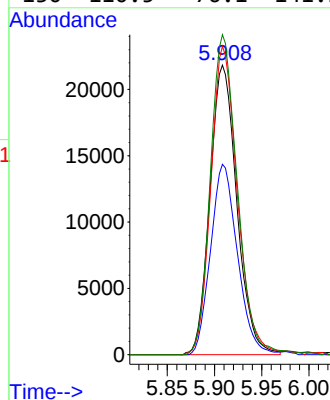
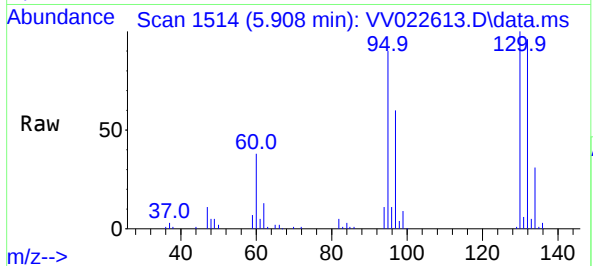




#34  
Trichloroethene  
Concen: 4.814 ug/L  
RT: 5.908 min Scan# 1514  
Delta R.T. -0.003 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

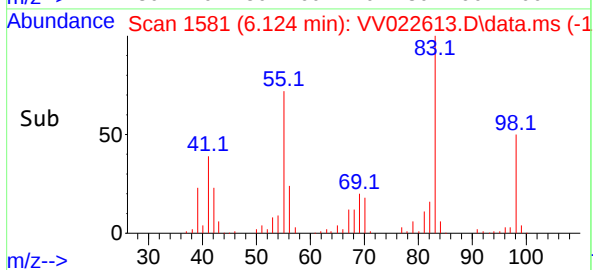
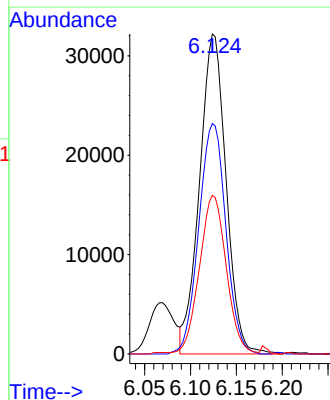
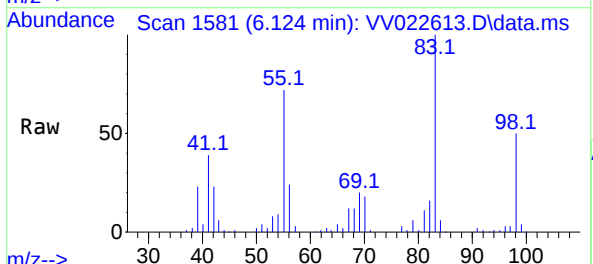
Instrument :  
MSVOA\_V  
ClientSampleId :

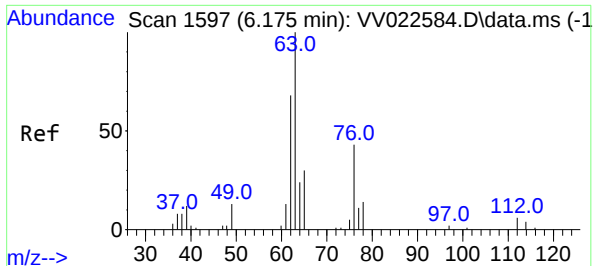
Tgt Ion: 95 Resp: 43192  
Ion Ratio Lower Upper  
95 100  
97 65.8 46.5 86.5  
132 106.5 73.0 135.6  
130 110.5 76.1 141.3



#35  
Methylcyclohexane  
Concen: 5.160 ug/L  
RT: 6.124 min Scan# 1581  
Delta R.T. -0.003 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

Tgt Ion: 83 Resp: 64866  
Ion Ratio Lower Upper  
83 100  
55 73.5 57.8 86.8  
98 48.9 39.8 59.8

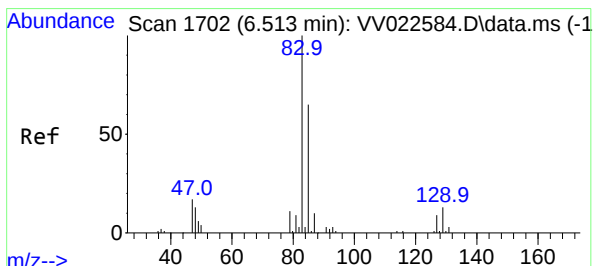
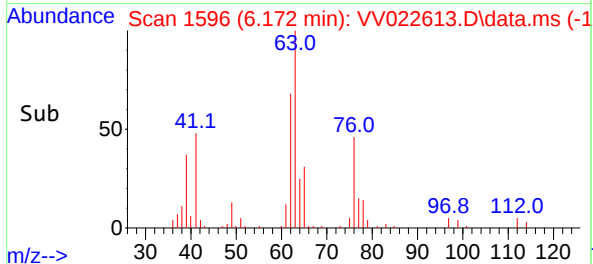
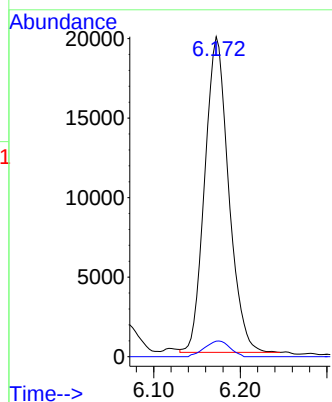
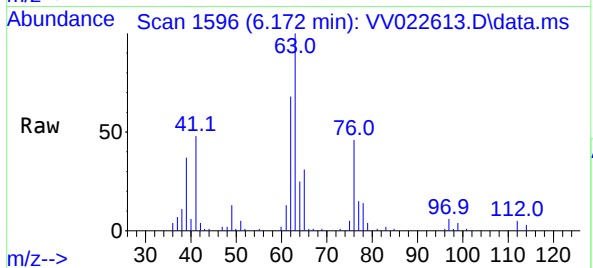




#37  
1,2-Dichloropropane  
Concen: 5.047 ug/L  
RT: 6.172 min Scan# 1596  
Delta R.T. -0.003 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

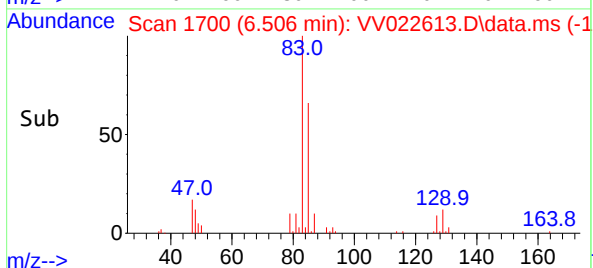
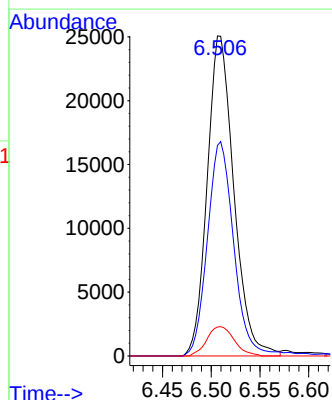
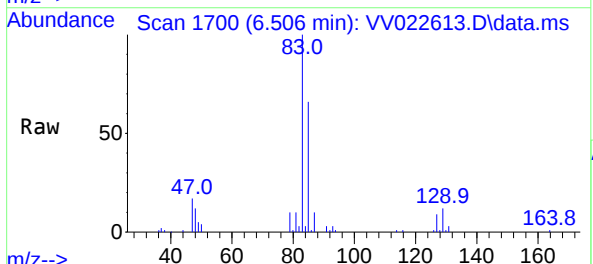
Instrument :  
MSVOA\_V  
ClientSampleId :

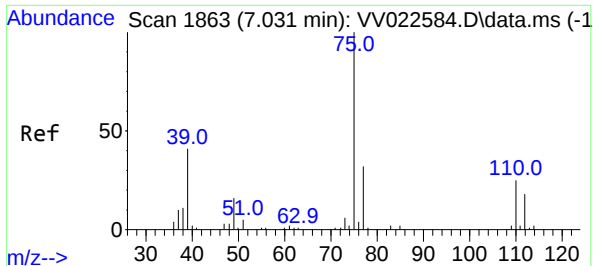
Tgt Ion: 63 Resp: 38037  
Ion Ratio Lower Upper  
63 100  
112 5.2 4.3 6.5



#38  
Bromodichloromethane  
Concen: 5.002 ug/L  
RT: 6.506 min Scan# 1700  
Delta R.T. -0.006 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

Tgt Ion: 83 Resp: 47767  
Ion Ratio Lower Upper  
83 100  
85 65.8 47.2 87.6  
127 9.1 7.4 11.2

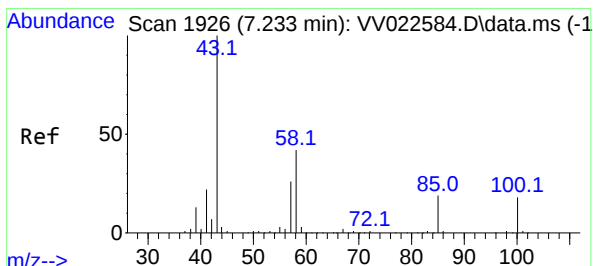
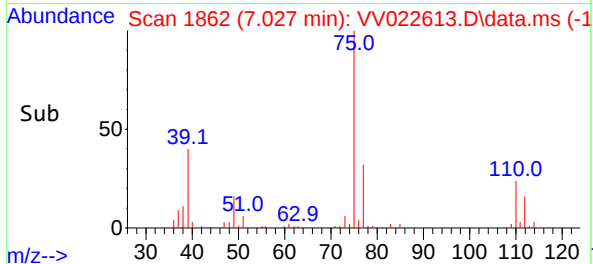
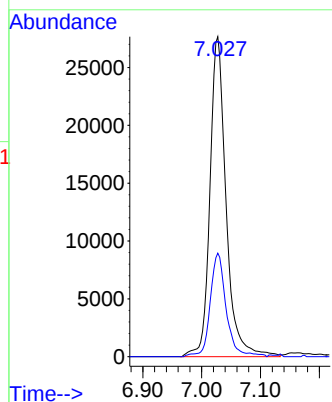
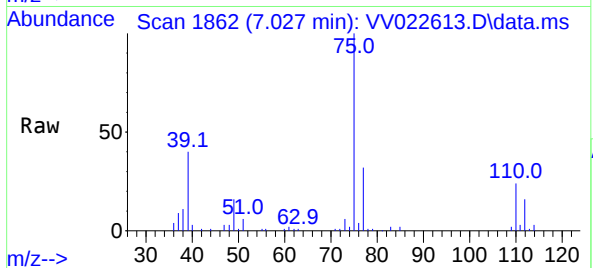




#39  
 cis-1,3-Dichloropropene  
 Concen: 5.201 ug/L  
 RT: 7.027 min Scan# 1862  
 Delta R.T. -0.003 min  
 Lab File: VV022613.D  
 Acq: 06 Oct 2021 10:06

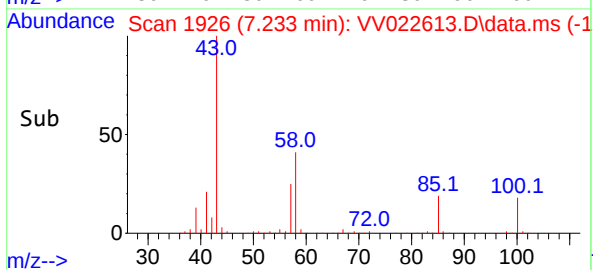
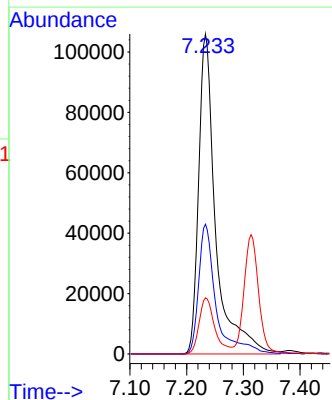
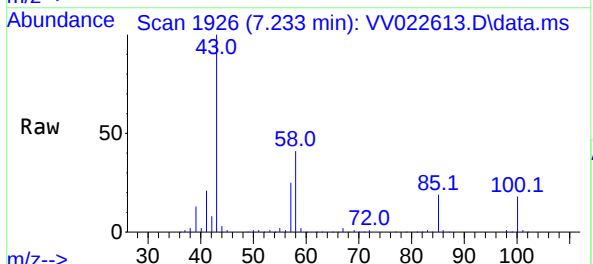
Instrument :  
 MSVOA\_V  
 ClientSampled :

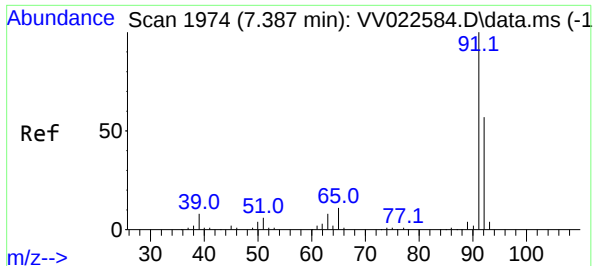
Tgt Ion: 75 Resp: 52826  
 Ion Ratio Lower Upper  
 75 100  
 77 32.3 22.4 41.6



#40  
 4-Methyl-2-pentanone  
 Concen: 53.486 ug/L  
 RT: 7.233 min Scan# 1926  
 Delta R.T. 0.000 min  
 Lab File: VV022613.D  
 Acq: 06 Oct 2021 10:06

Tgt Ion: 43 Resp: 221879  
 Ion Ratio Lower Upper  
 43 100  
 58 41.3 32.3 48.5  
 100 16.2 13.8 20.6





#42

Toluene

Concen: 5.444 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.003 min

Lab File: VV022613.D

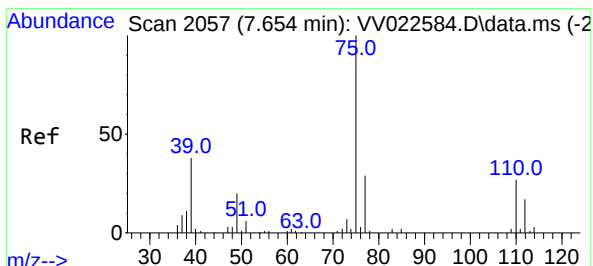
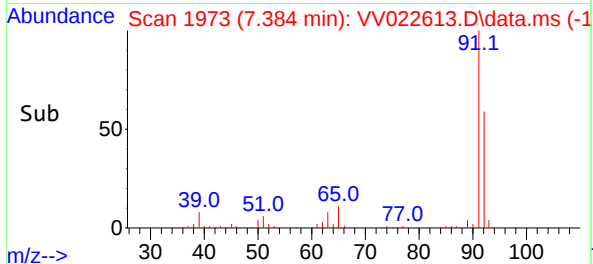
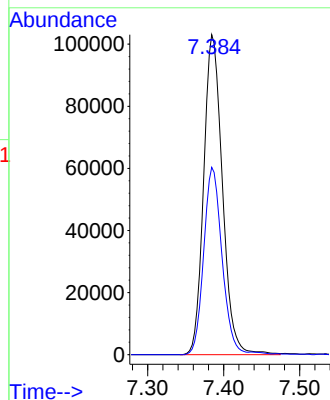
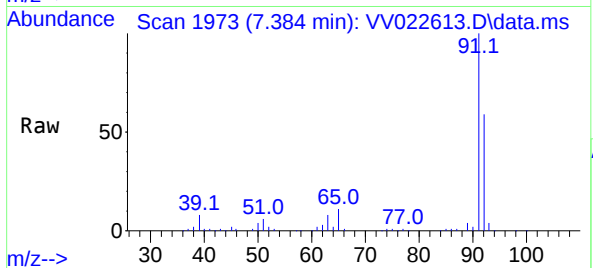
Acq: 06 Oct 2021 10:06

Tgt Ion: 91 Resp: 176537

Ion Ratio Lower Upper

91 100

92 58.5 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.252 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.003 min

Lab File: VV022613.D

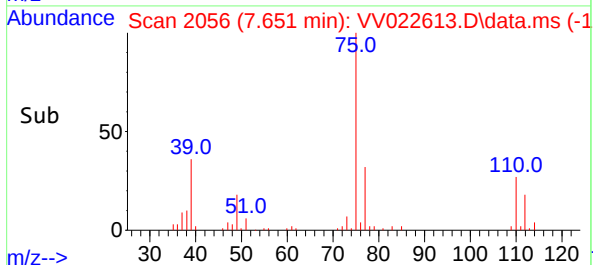
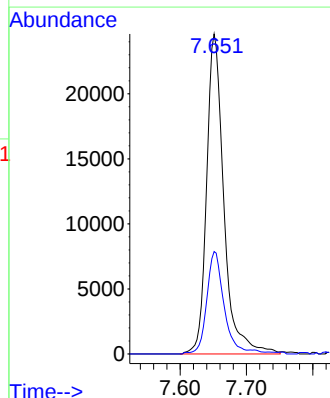
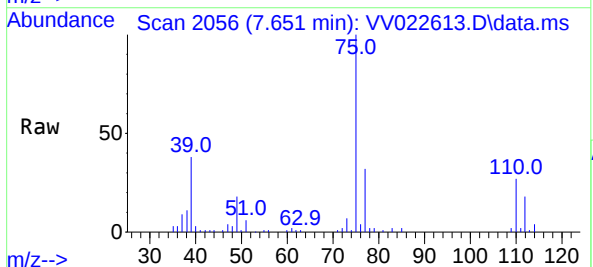
Acq: 06 Oct 2021 10:06

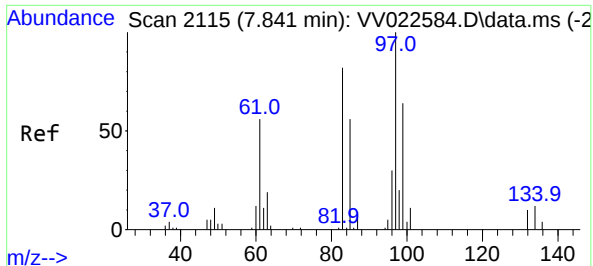
Tgt Ion: 75 Resp: 44528

Ion Ratio Lower Upper

75 100

77 32.0 21.8 40.6



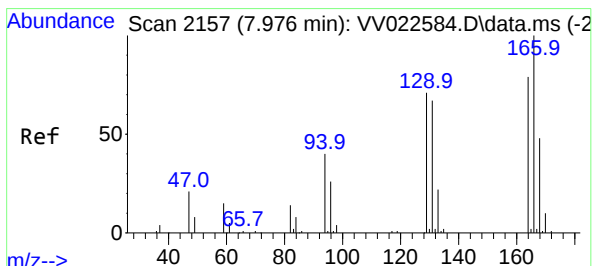
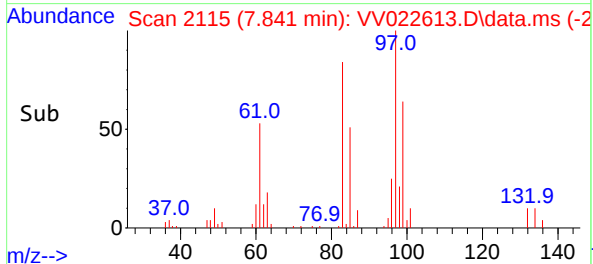
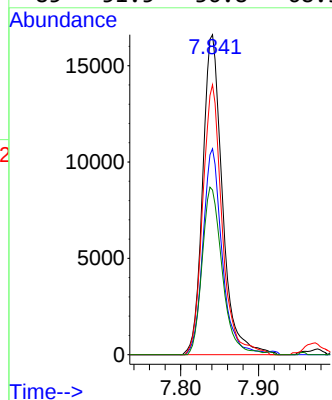
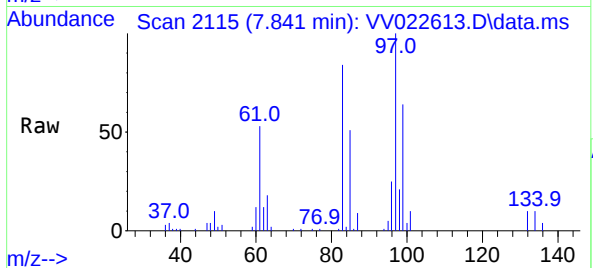


#45  
1,1,2-Trichloroethane  
Concen: 5.189 ug/L  
RT: 7.841 min Scan# 2115  
Delta R.T. 0.000 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion: 97 Resp: 29192

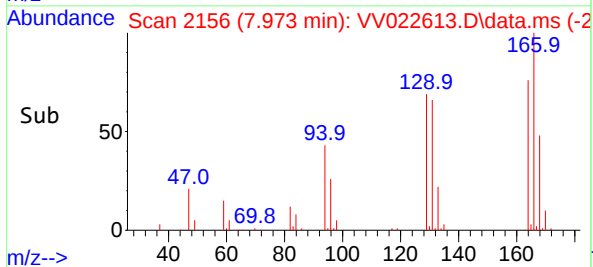
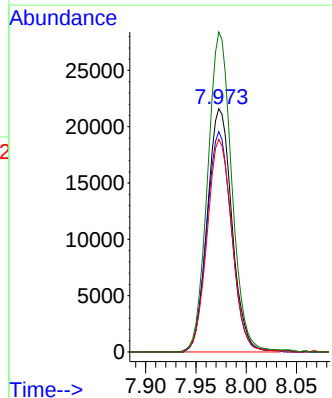
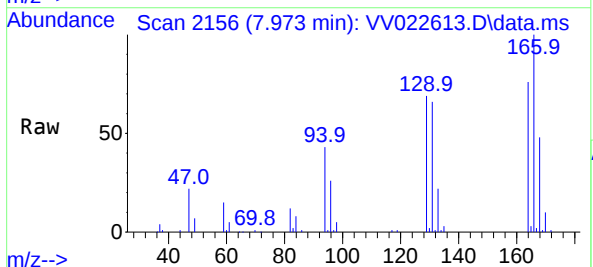
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.3  | 42.6  | 79.0  |
| 83  | 84.4  | 57.7  | 107.1 |
| 85  | 51.5  | 36.8  | 68.3  |

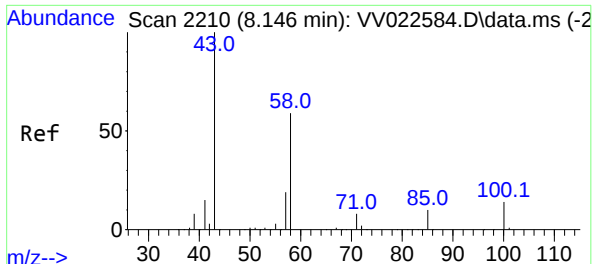


#47  
Tetrachloroethene  
Concen: 5.283 ug/L  
RT: 7.973 min Scan# 2156  
Delta R.T. -0.003 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

Tgt Ion: 164 Resp: 36857

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 90.6  | 65.5  | 121.6 |
| 131 | 87.5  | 62.4  | 116.0 |
| 166 | 131.6 | 91.1  | 169.3 |

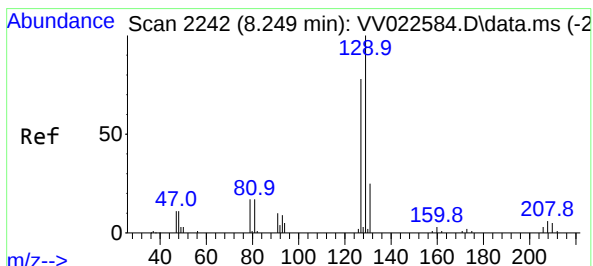
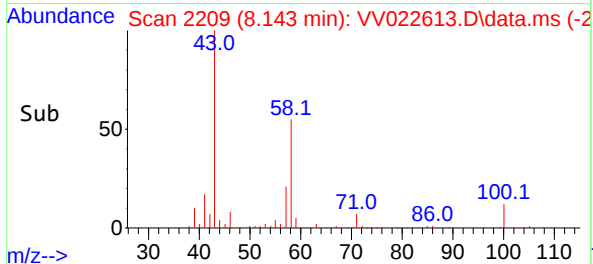
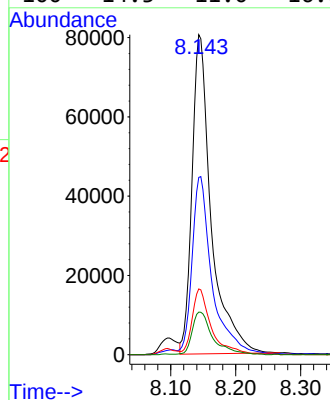
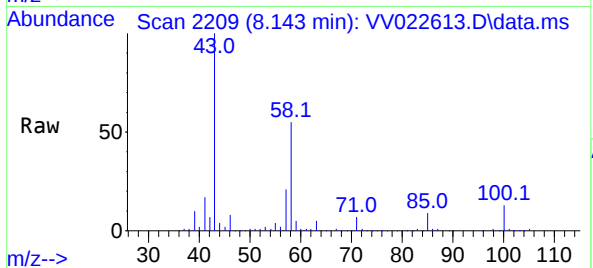




#48  
2-Hexanone  
Concen: 55.607 ug/L  
RT: 8.143 min Scan# 2209  
Delta R.T. -0.003 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

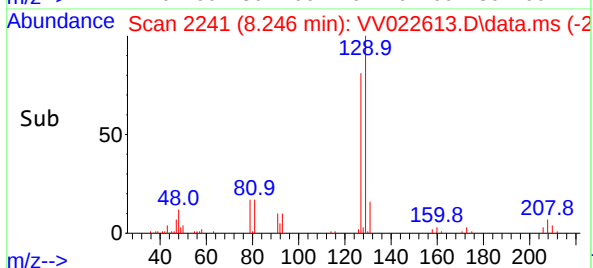
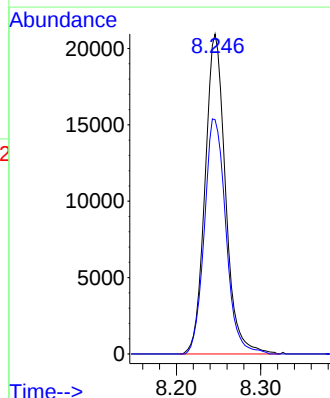
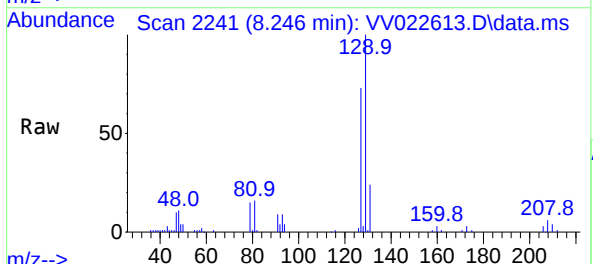
Instrument :  
MSVOA\_V  
ClientSampled :

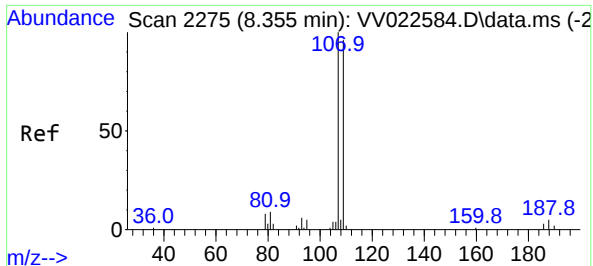
Tgt Ion: 43 Resp: 165957  
Ion Ratio Lower Upper  
43 100  
58 57.4 46.4 69.6  
57 20.1 16.3 24.5  
100 14.3 11.0 16.6



#49  
Dibromochloromethane  
Concen: 5.333 ug/L  
RT: 8.246 min Scan# 2241  
Delta R.T. -0.003 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

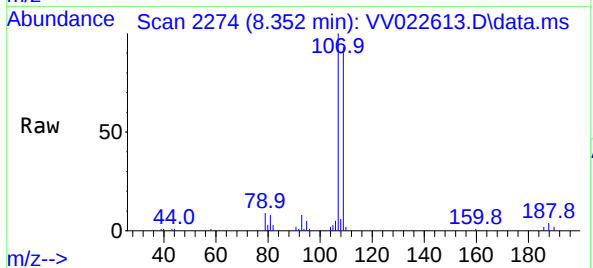
Tgt Ion: 129 Resp: 35364  
Ion Ratio Lower Upper  
129 100  
127 73.2 52.6 97.6



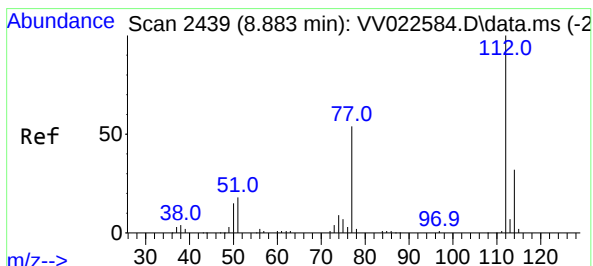
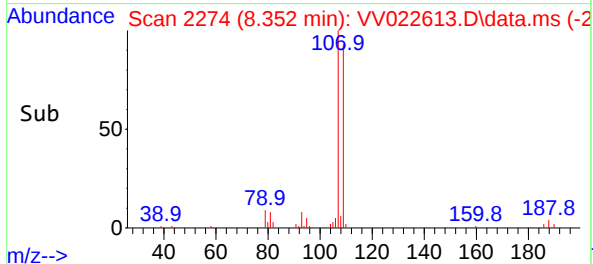
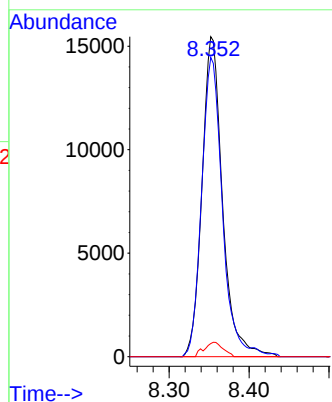


#50  
1,2-Dibromoethane  
Concen: 5.271 ug/L  
RT: 8.352 min Scan# 2274  
Delta R.T. -0.003 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

Instrument :  
MSVOA\_V  
ClientSampled :

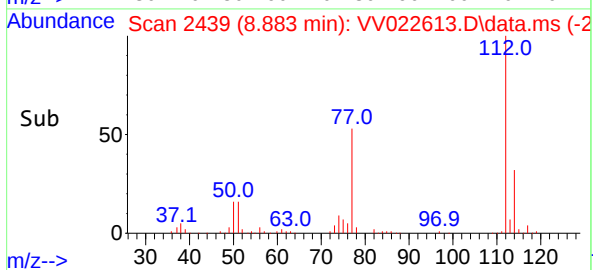
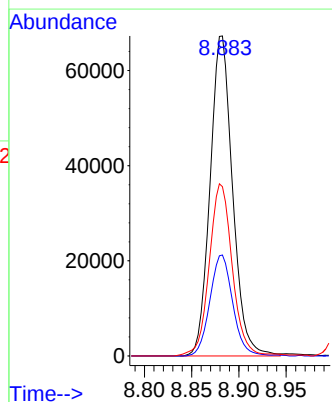
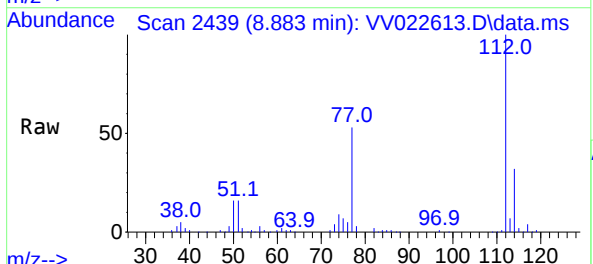


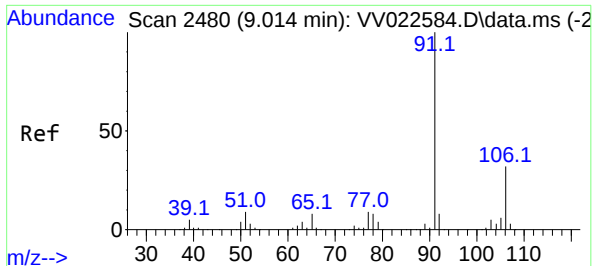
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 27567 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 109      | 93.5  | 63.2  | 117.4 |
| 188      | 4.1   | 3.4   | 5.2   |



#51  
Chlorobenzene  
Concen: 5.252 ug/L  
RT: 8.883 min Scan# 2439  
Delta R.T. 0.000 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 111475 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 114      | 31.6  | 21.6  | 40.2   |
| 77       | 52.9  | 42.8  | 64.2   |





#52

Ethylbenzene

Concen: 5.358 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.003 min

Lab File: VV022613.D

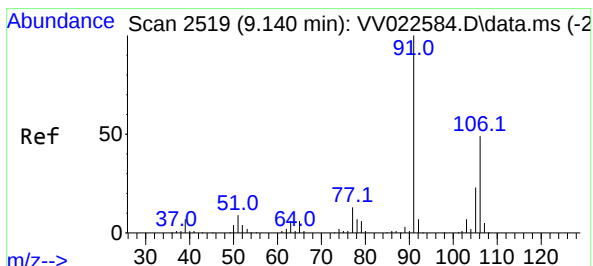
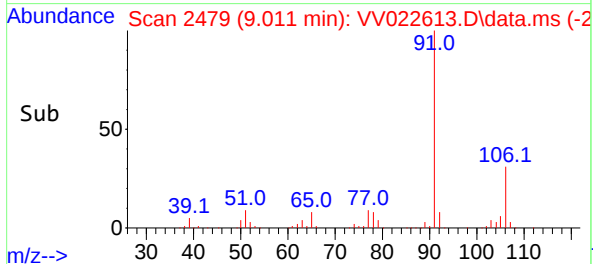
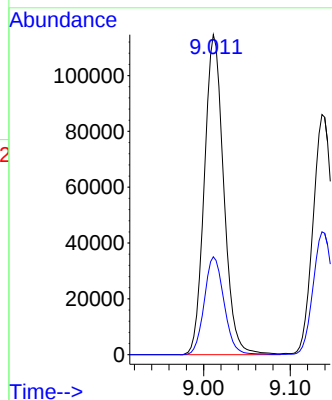
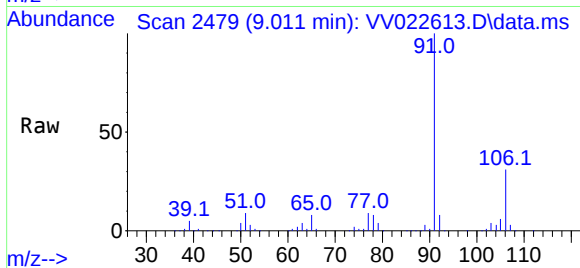
Acq: 06 Oct 2021 10:06

Tgt Ion: 91 Resp: 178325

Ion Ratio Lower Upper

91 100

106 30.6 21.3 39.6



#53

m,p-xylene

Concen: 5.621 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. -0.003 min

Lab File: VV022613.D

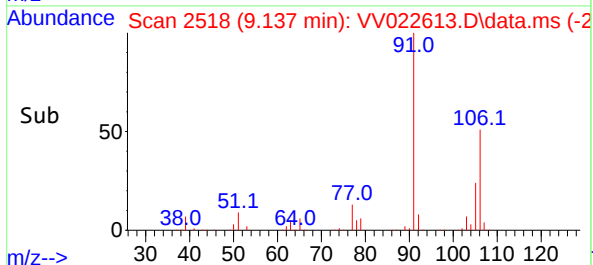
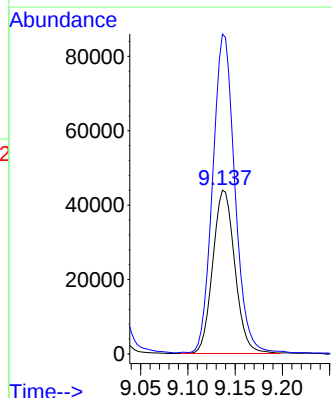
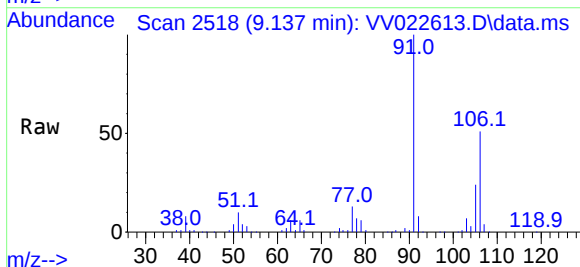
Acq: 06 Oct 2021 10:06

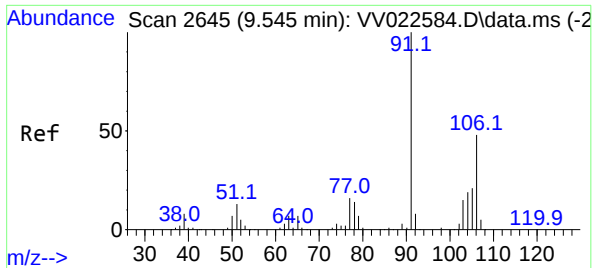
Tgt Ion: 106 Resp: 71325

Ion Ratio Lower Upper

106 100

91 195.3 144.8 269.0

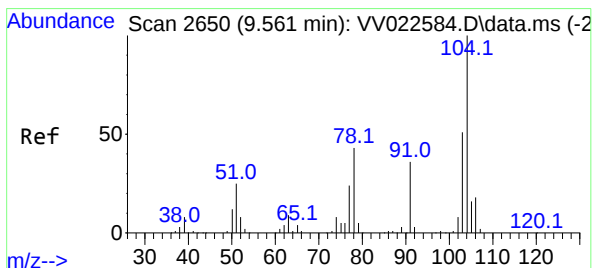
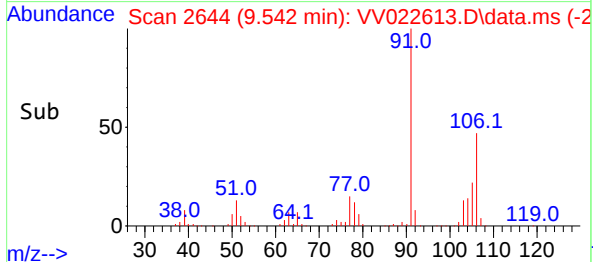
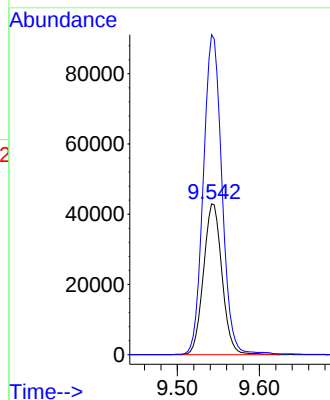
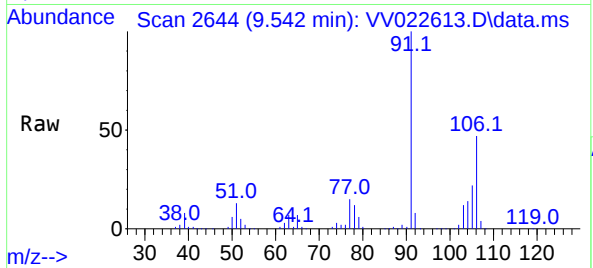




#54  
o-xylene  
Concen: 5.337 ug/L  
RT: 9.542 min Scan# 2644  
Delta R.T. -0.003 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

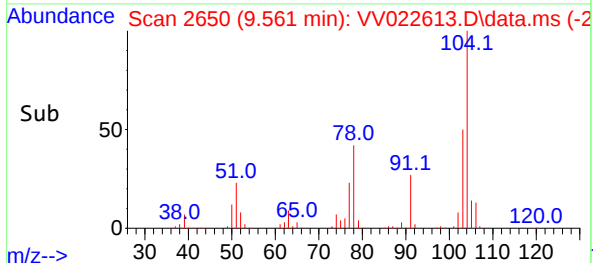
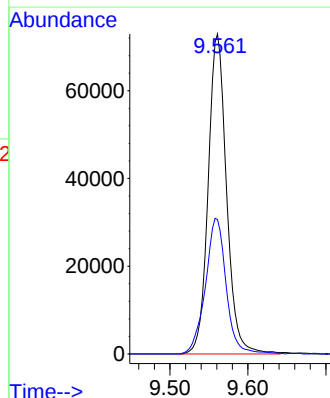
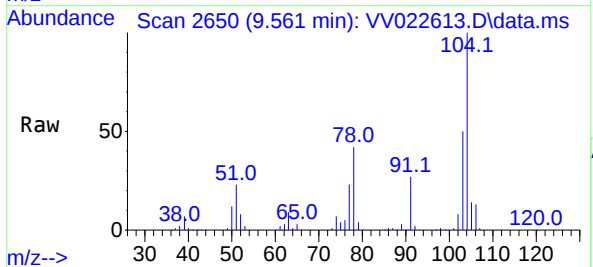
Instrument :  
MSVOA\_V  
ClientSampled :

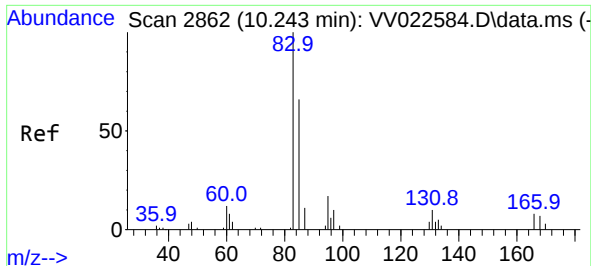
Tgt Ion:106 Resp: 67376  
Ion Ratio Lower Upper  
106 100  
91 212.1 148.8 276.4



#55  
Styrene  
Concen: 5.565 ug/L  
RT: 9.561 min Scan# 2650  
Delta R.T. 0.000 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

Tgt Ion:104 Resp: 119426  
Ion Ratio Lower Upper  
104 100  
78 42.0 28.7 53.3

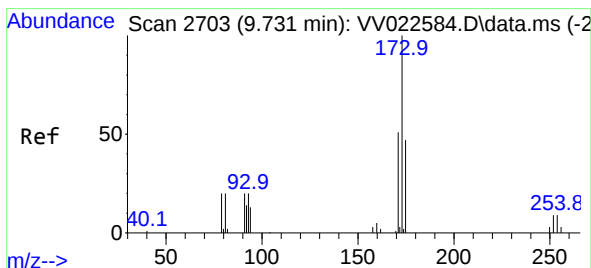
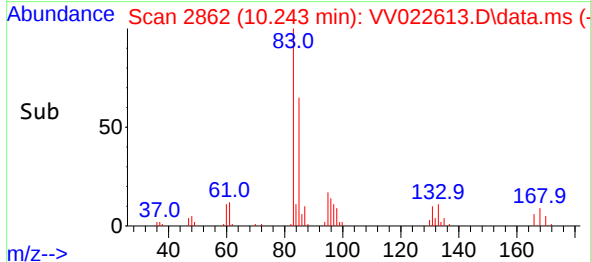
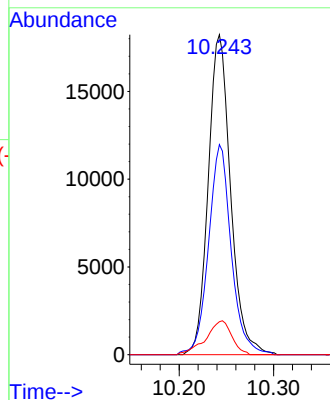
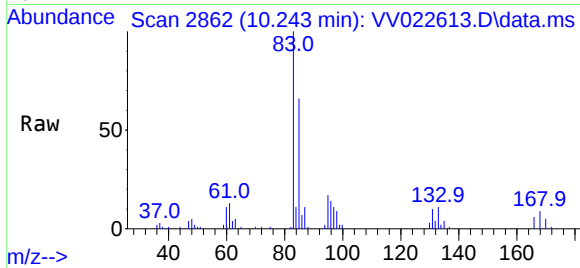




#57  
1,1,2,2-Tetrachloroethane  
Concen: 4.911 ug/L  
RT: 10.243 min Scan# 2862  
Delta R.T. 0.000 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

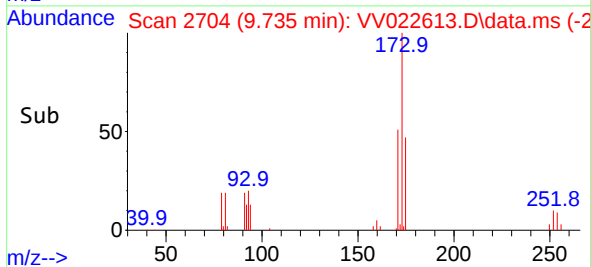
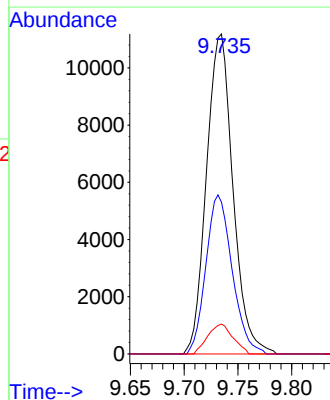
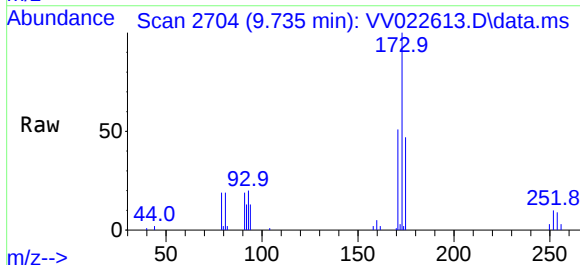
Instrument :  
MSVOA\_V  
ClientSampled :

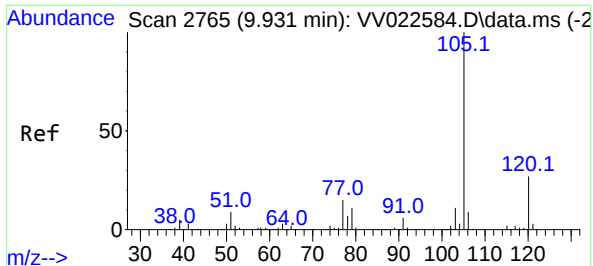
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 29975 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 65.7  | 46.5  | 86.3  |
| 131      | 10.3  | 8.6   | 13.0  |



#59  
Bromoform  
Concen: 5.131 ug/L  
RT: 9.735 min Scan# 2704  
Delta R.T. 0.003 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 19164 |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 49.2  | 39.0  | 58.4  |
| 254      | 8.9   | 7.0   | 10.4  |

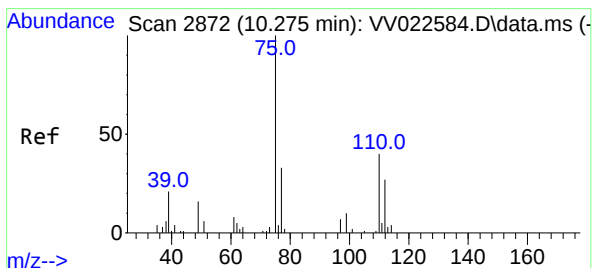
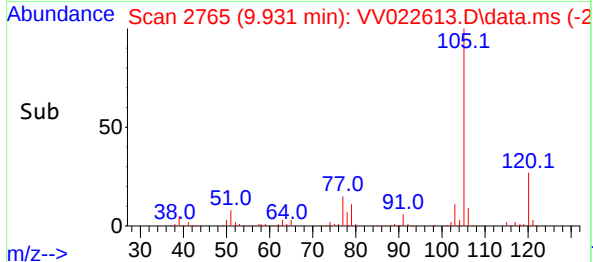
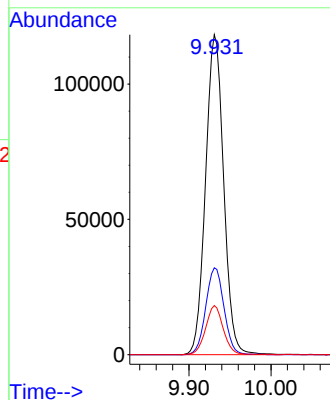
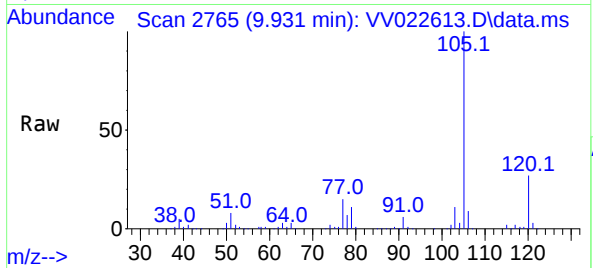




#60  
Isopropylbenzene  
Concen: 5.296 ug/L  
RT: 9.931 min Scan# 2765  
Delta R.T. 0.000 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

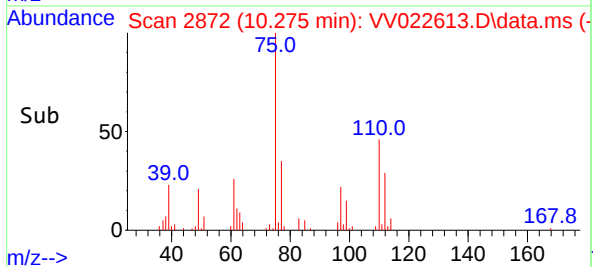
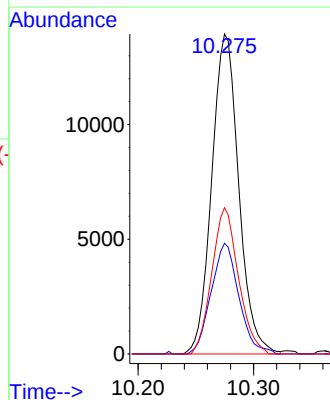
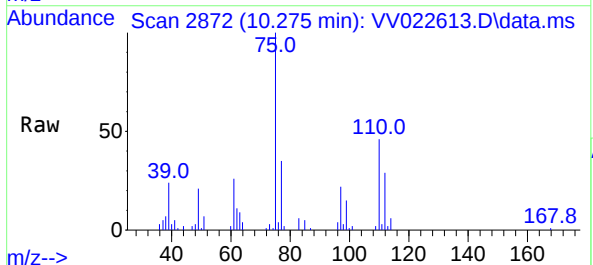
Instrument :  
MSVOA\_V  
ClientSampled :

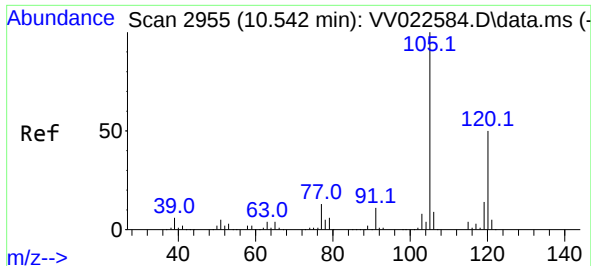
Tgt Ion:105 Resp: 181262  
Ion Ratio Lower Upper  
105 100  
120 27.3 21.6 32.4  
77 15.0 11.8 17.8



#61  
1,2,3-Trichloropropane  
Concen: 4.794 ug/L  
RT: 10.275 min Scan# 2872  
Delta R.T. 0.000 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

Tgt Ion: 75 Resp: 22625  
Ion Ratio Lower Upper  
75 100  
77 35.6 26.1 39.1  
110 45.2 33.0 49.6

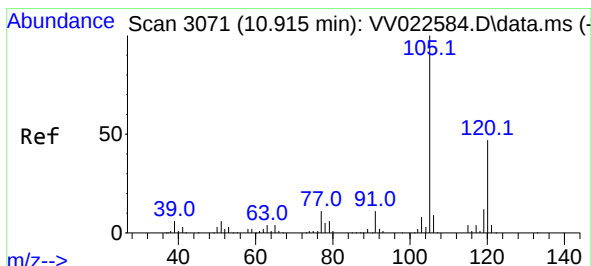
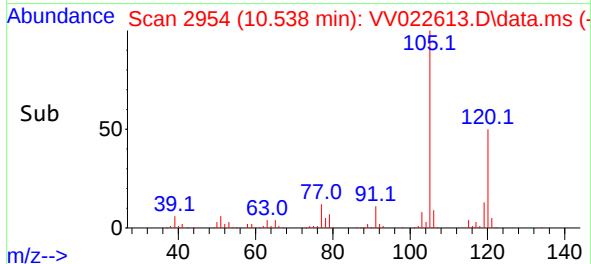
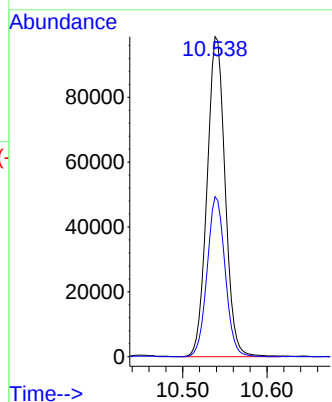
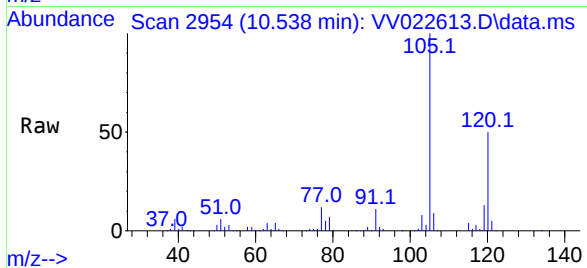




#62  
1,3,5-Trimethylbenzene  
Concen: 5.310 ug/L  
RT: 10.538 min Scan# 2954  
Delta R.T. -0.003 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

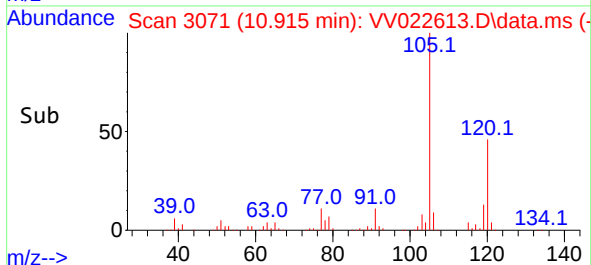
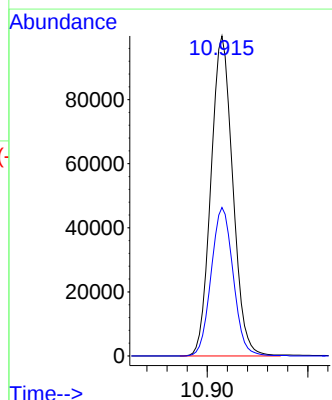
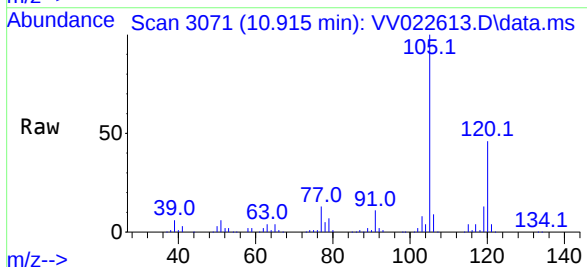
Instrument :  
MSVOA\_V  
ClientSampled :

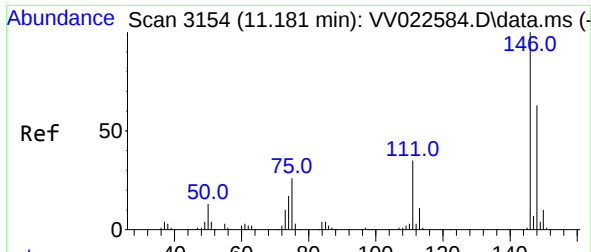
Tgt Ion:105 Resp: 147353  
Ion Ratio Lower Upper  
105 100  
120 49.8 39.7 59.5



#63  
1,2,4-Trimethylbenzene  
Concen: 5.344 ug/L  
RT: 10.915 min Scan# 3071  
Delta R.T. 0.000 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

Tgt Ion:105 Resp: 150669  
Ion Ratio Lower Upper  
105 100  
120 46.8 37.2 55.8

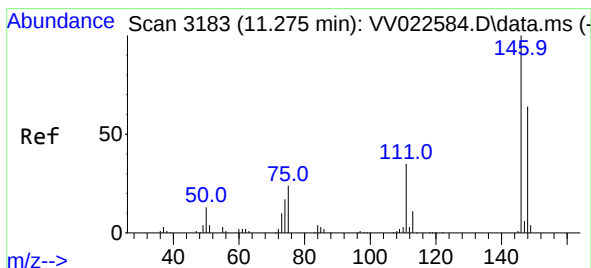
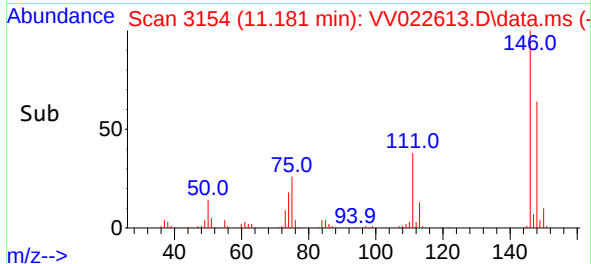
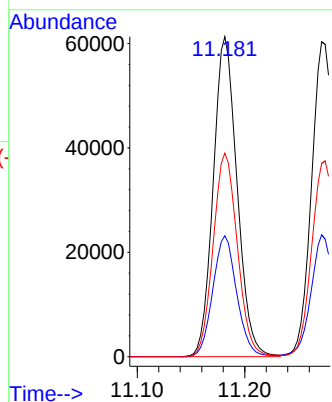
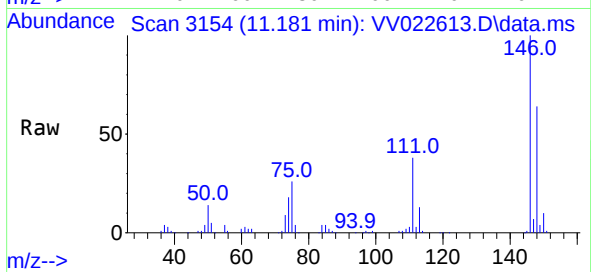




#64  
1,3-Dichlorobenzene  
Concen: 5.385 ug/L  
RT: 11.181 min Scan# 3154  
Delta R.T. 0.000 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

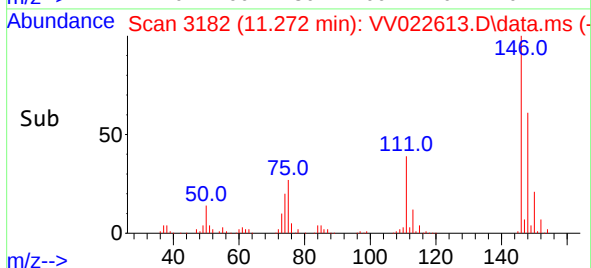
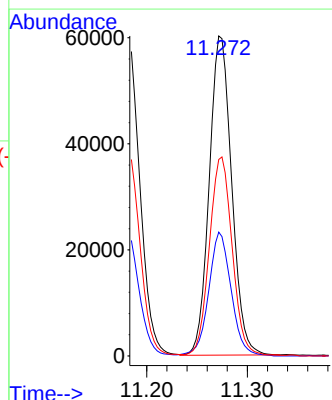
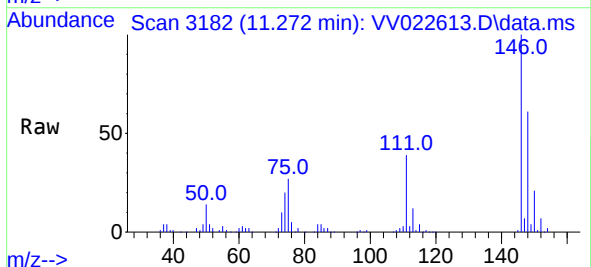
Instrument :  
MSVOA\_V  
ClientSampled :

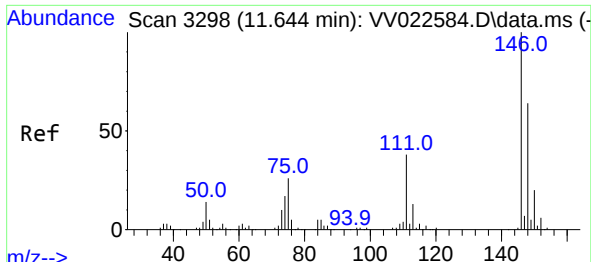
Tgt Ion:146 Resp: 94366  
Ion Ratio Lower Upper  
146 100  
111 37.8 26.8 49.8  
148 63.6 45.6 84.8



#65  
1,4-Dichlorobenzene  
Concen: 5.201 ug/L  
RT: 11.272 min Scan# 3182  
Delta R.T. -0.003 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

Tgt Ion:146 Resp: 93221  
Ion Ratio Lower Upper  
146 100  
111 38.7 24.5 45.5  
148 61.4 45.0 83.6

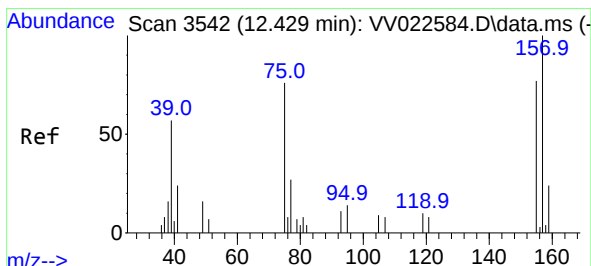
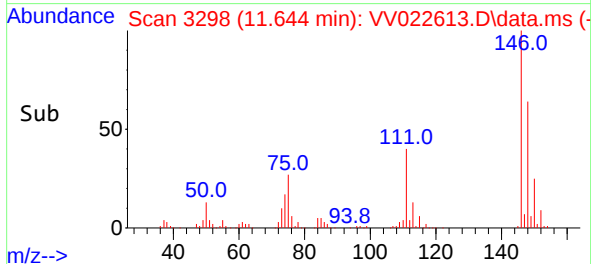
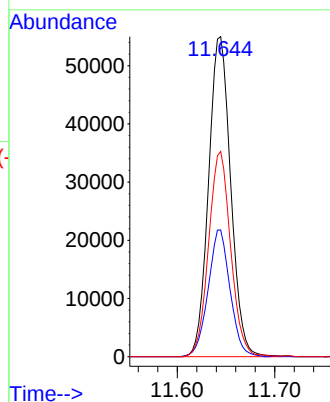
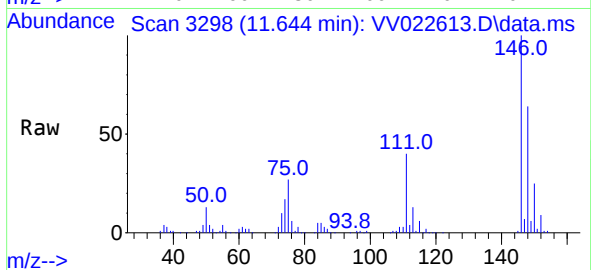




#67  
1,2-Dichlorobenzene  
Concen: 5.323 ug/L  
RT: 11.644 min Scan# 3298  
Delta R.T. 0.000 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

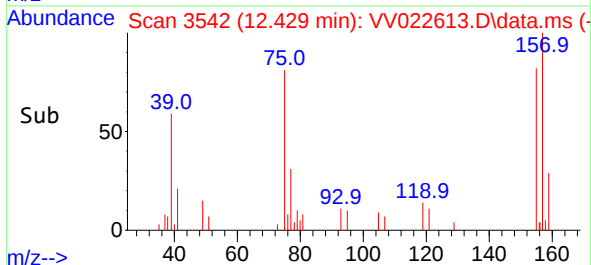
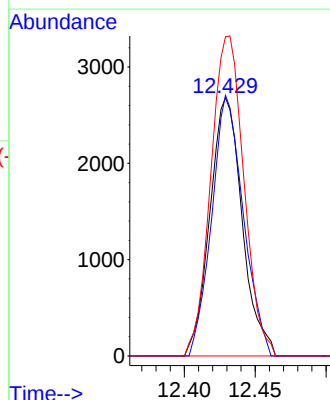
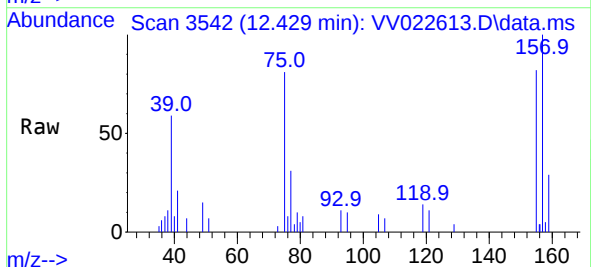
Instrument :  
MSVOA\_V  
ClientSampleId :

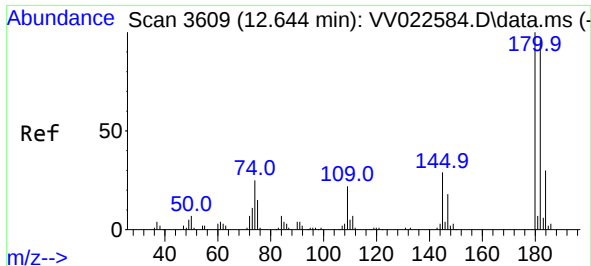
Tgt Ion:146 Resp: 86901  
Ion Ratio Lower Upper  
146 100  
111 39.6 31.6 47.4  
148 64.2 49.0 73.6



#68  
1,2-Dibromo-3-chloropropane  
Concen: 4.720 ug/L  
RT: 12.429 min Scan# 3542  
Delta R.T. 0.000 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

Tgt Ion: 75 Resp: 4257  
Ion Ratio Lower Upper  
75 100  
155 100.9 77.4 116.2  
157 123.6 104.7 157.1



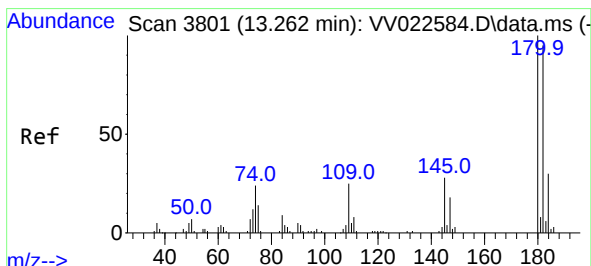
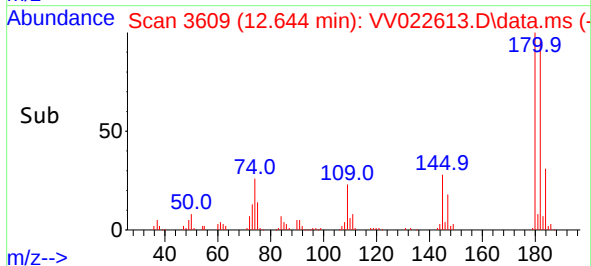
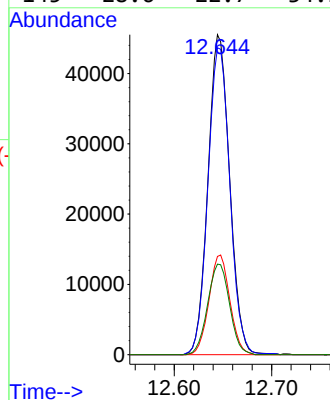
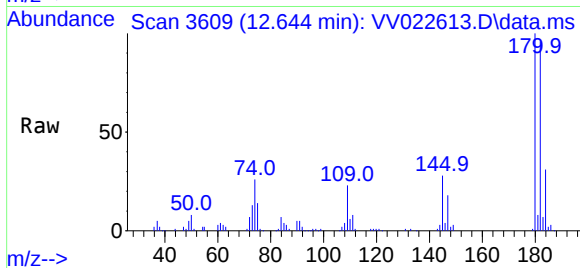


#69  
1,3,5-Trichlorobenzene  
Concen: 5.360 ug/L  
RT: 12.644 min Scan# 3609  
Delta R.T. 0.000 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion:180 Resp: 70319

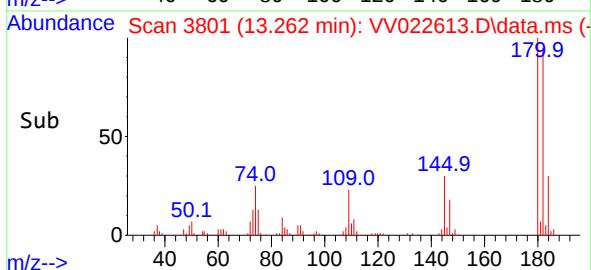
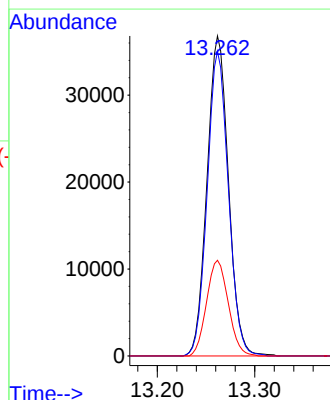
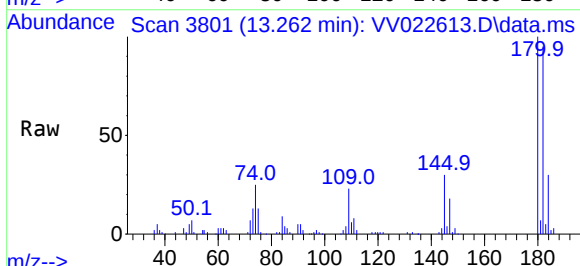
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 97.2  | 77.0  | 115.6 |
| 184 | 30.0  | 25.0  | 37.6  |
| 145 | 28.6  | 22.7  | 34.1  |

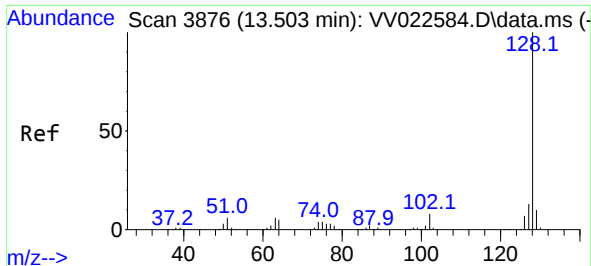


#70  
1,2,4-trichlorobenzene  
Concen: 5.344 ug/L  
RT: 13.262 min Scan# 3801  
Delta R.T. 0.000 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

Tgt Ion:180 Resp: 56263

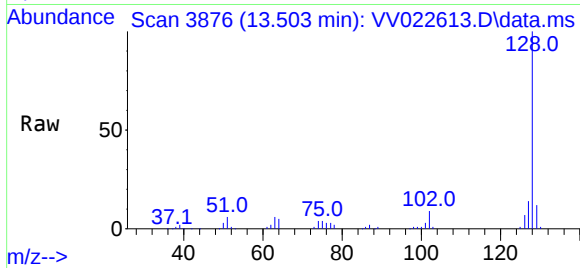
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 94.0  | 77.1  | 115.7 |
| 145 | 30.3  | 22.8  | 34.2  |



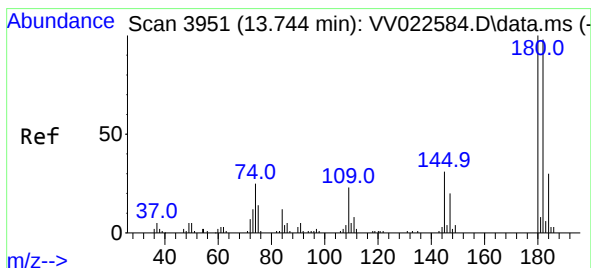
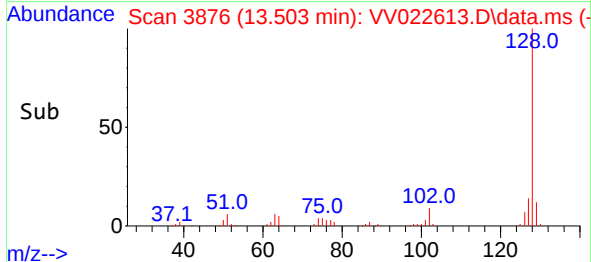
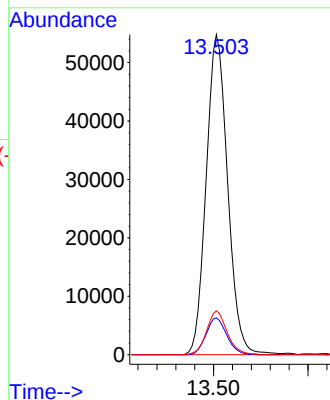


#71  
Naphthalene  
Concen: 5.005 ug/L  
RT: 13.503 min Scan# 3876  
Delta R.T. 0.000 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

Instrument :  
MSVOA\_V  
ClientSampled :



Tgt Ion:128 Resp: 86340  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.3 12.5  
127 13.0 10.2 15.4



#72  
1,2,3-Trichlorobenzene  
Concen: 5.336 ug/L  
RT: 13.744 min Scan# 3951  
Delta R.T. 0.000 min  
Lab File: VV022613.D  
Acq: 06 Oct 2021 10:06

Tgt Ion:180 Resp: 51617  
Ion Ratio Lower Upper  
180 100  
182 97.2 75.4 113.0  
145 32.4 24.4 36.6

