

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW100621\  
 Data File : VW022642.D  
 Acq On : 07 Oct 2021 00:14  
 Operator : SY/MD  
 Sample : M4050-10MS  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GB7C5MS

Quant Time: Oct 07 07:47:46 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100421WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Oct 07 07:45:03 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 103120   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117   | 102712   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252 | 152   | 58215    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 13695    | 4.145    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 83.000%  |
| 7) Chloroethane-d5            | 1.564  | 69    | 19716    | 4.427    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 88.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.111  | 63    | 46572    | 4.858    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 97.200%  |
| 20) 2-Butanone-d5             | 3.883  | 46    | 91817    | 47.013   | ug/L   | -0.03    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 94.020%  |
| 24) Chloroform-d              | 4.349  | 84    | 59614    | 4.686    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65    | 27970    | 4.667    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 93.400%  |
| 32) Benzene-d6                | 5.053  | 84    | 98398    | 4.251    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 85.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 34482    | 4.223    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 84.400%  |
| 41) Toluene-d8                | 7.317  | 98    | 89805    | 4.628    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 92.600%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 9479     | 4.386    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 87.800%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 68997    | 51.564   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 103.120% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 30365    | 4.894    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 97.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 40099    | 4.453    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 89.000%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.127  | 85    | 43906    | 5.591    | ug/L   | 98       |
| 3) Chloromethane              | 1.240  | 50    | 45043    | 5.728    | ug/L   | 100      |
| 5) Vinyl chloride             | 1.310  | 62    | 46351    | 5.840    | ug/L   | 100      |
| 6) Bromomethane               | 1.519  | 94    | 23592    | 4.478    | ug/L   | 99       |
| 8) Chloroethane               | 1.584  | 64    | 27731    | 5.494    | ug/L   | 100      |
| 9) Trichlorofluoromethane     | 1.751  | 101   | 68226    | 5.746    | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.117  | 101   | 40443    | 5.924    | ug/L   | 99       |
| 12) 1,1-Dichloroethene        | 2.117  | 96    | 37813    | 5.986    | ug/L   | 97       |
| 13) Acetone                   | 2.172  | 43    | 68145    | 64.883   | ug/L # | 30       |
| 14) Carbon disulfide          | 2.294  | 76    | 111890   | 6.055    | ug/L   | 99       |
| 15) Methyl Acetate            | 2.433  | 43    | 12801    | 4.139    | ug/L # | 74       |
| 16) Methylene chloride        | 2.507  | 84    | 40210    | 5.525    | ug/L   | 94       |
| 17) Methyl tert-butyl Ether   | 2.767  | 73    | 78500    | 4.890    | ug/L   | 98       |
| 18) trans-1,2-Dichloroethene  | 2.761  | 96    | 38424    | 5.582    | ug/L   | 97       |
| 19) 1,1-Dichloroethane        | 3.191  | 63    | 67027    | 5.427    | ug/L   | 100      |
| 21) 2-Butanone                | 3.970  | 43    | 85145    | 50.642   | ug/L   | 97       |
| 22) cis-1,2-Dichloroethene    | 3.912  | 96    | 40964    | 5.484    | ug/L   | 89       |
| 23) Bromochloromethane        | 4.252  | 128   | 18784    | 5.342    | ug/L   | 86       |
| 25) Chloroform                | 4.378  | 83    | 71934    | 5.333    | ug/L   | 99       |

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 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 37 Sample Multiplier: 1

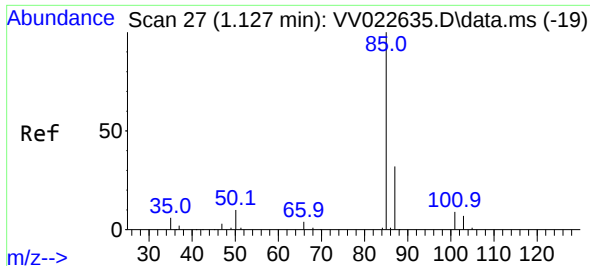
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GB7C5MS

Quant Time: Oct 07 07:47:46 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100421WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Oct 07 07:45:03 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.130  | 62   | 37824    | 5.269  | ug/L  | 98       |
| 29) 1,1,1-Trichloroethane     | 4.609  | 97   | 62026    | 5.286  | ug/L  | 98       |
| 30) Cyclohexane               | 4.680  | 56   | 53010    | 4.985  | ug/L  | 96       |
| 31) Carbon tetrachloride      | 4.831  | 117  | 55615    | 5.342  | ug/L  | 98       |
| 33) Benzene                   | 5.101  | 78   | 151304   | 5.466  | ug/L  | 100      |
| 34) Trichloroethene           | 5.915  | 95   | 38227    | 4.752  | ug/L  | 98       |
| 35) Methylcyclohexane         | 6.133  | 83   | 57594    | 5.109  | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 6.175  | 63   | 37265    | 5.515  | ug/L  | 99       |
| 38) Bromodichloromethane      | 6.513  | 83   | 44914    | 5.245  | ug/L  | 97       |
| 39) cis-1,3-Dichloropropene   | 7.030  | 75   | 46226    | 5.076  | ug/L  | 97       |
| 40) 4-Methyl-2-pentanone      | 7.227  | 43   | 201194   | 54.089 | ug/L  | 100      |
| 42) Toluene                   | 7.391  | 91   | 163397   | 5.619  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 7.654  | 75   | 38482    | 5.062  | ug/L  | 97       |
| 45) 1,1,2-Trichloroethane     | 7.841  | 97   | 26590    | 5.271  | ug/L  | 96       |
| 47) Tetrachloroethene         | 7.979  | 164  | 34413    | 5.502  | ug/L  | 97       |
| 48) 2-Hexanone                | 8.140  | 43   | 146945   | 54.912 | ug/L  | 99       |
| 49) Dibromochloromethane      | 8.249  | 129  | 32394    | 5.448  | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 8.355  | 107  | 25464    | 5.430  | ug/L  | 100      |
| 51) Chlorobenzene             | 8.882  | 112  | 106698   | 5.606  | ug/L  | 98       |
| 52) Ethylbenzene              | 9.014  | 91   | 163993   | 5.496  | ug/L  | 99       |
| 53) m,p-xylene                | 9.140  | 106  | 66699    | 5.862  | ug/L  | 93       |
| 54) o-xylene                  | 9.545  | 106  | 63522    | 5.612  | ug/L  | 94       |
| 55) Styrene                   | 9.561  | 104  | 111287   | 5.783  | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.243 | 83   | 30320    | 5.540  | ug/L  | 97       |
| 59) Bromoform                 | 9.735  | 173  | 17744    | 5.196  | ug/L  | 97       |
| 60) Isopropylbenzene          | 9.934  | 105  | 170297   | 5.441  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.275 | 75   | 22647    | 5.248  | ug/L  | 98       |
| 62) 1,3,5-Trimethylbenzene    | 10.542 | 105  | 135235   | 5.330  | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.918 | 105  | 139609   | 5.416  | ug/L  | 98       |
| 64) 1,3-Dichlorobenzene       | 11.181 | 146  | 87568    | 5.465  | ug/L  | 100      |
| 65) 1,4-Dichlorobenzene       | 11.275 | 146  | 86884    | 5.302  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.644 | 146  | 81050    | 5.429  | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.429 | 75   | 3864     | 4.685  | ug/L  | 92       |
| 69) 1,3,5-Trichlorobenzene    | 12.648 | 180  | 65340    | 5.447  | ug/L  | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.262 | 180  | 49685    | 5.161  | ug/L  | 99       |
| 71) Naphthalene               | 13.503 | 128  | 77088    | 4.887  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.744 | 180  | 48336    | 5.464  | ug/L  | 98       |

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

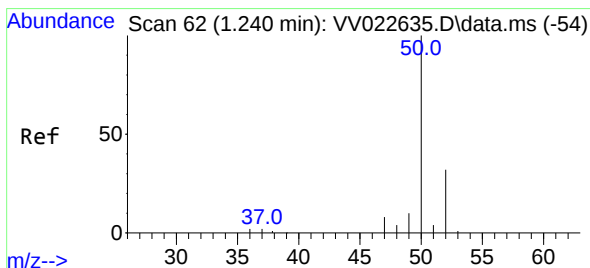
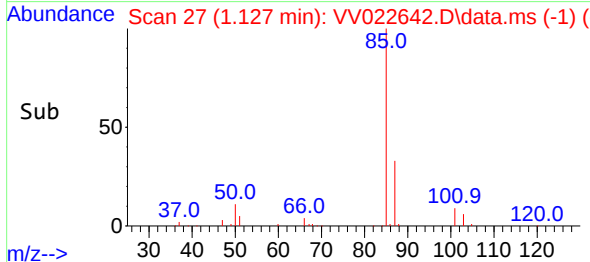
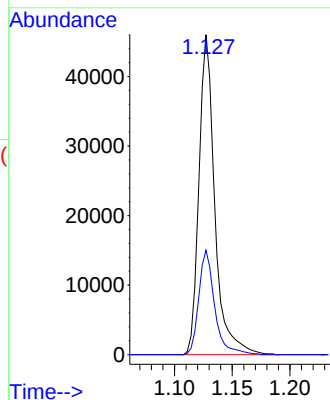
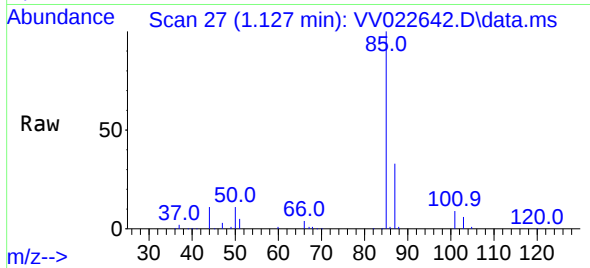




#2  
 Dichlorodifluoromethane  
 Concen: 5.591 ug/L  
 RT: 1.127 min Scan# 27  
 Delta R.T. -0.000 min  
 Lab File: VV022642.D  
 Acq: 07 Oct 2021 00:14

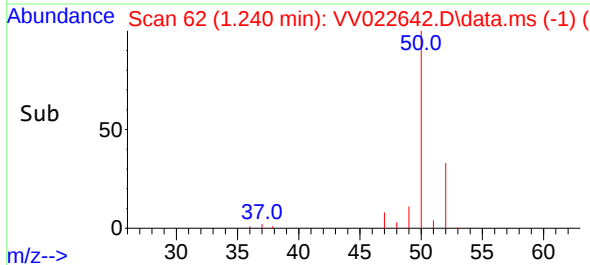
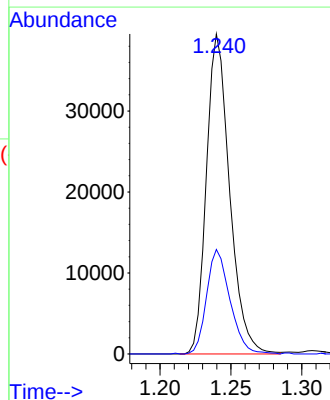
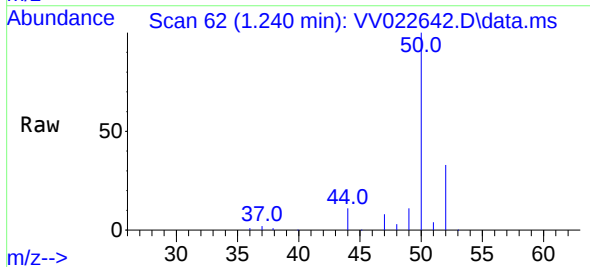
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GB7C5MS

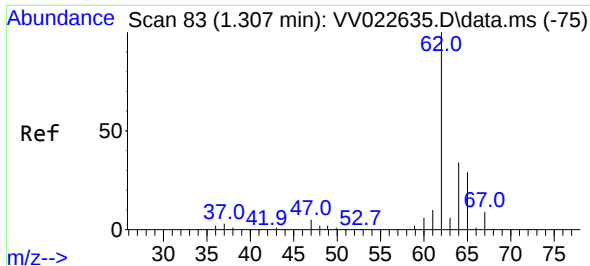
Tgt Ion: 85 Resp: 43906  
 Ion Ratio Lower Upper  
 85 100  
 87 32.7 25.4 38.0



#3  
 Chloromethane  
 Concen: 5.728 ug/L  
 RT: 1.240 min Scan# 62  
 Delta R.T. -0.000 min  
 Lab File: VV022642.D  
 Acq: 07 Oct 2021 00:14

Tgt Ion: 50 Resp: 45043  
 Ion Ratio Lower Upper  
 50 100  
 52 32.6 23.0 42.8

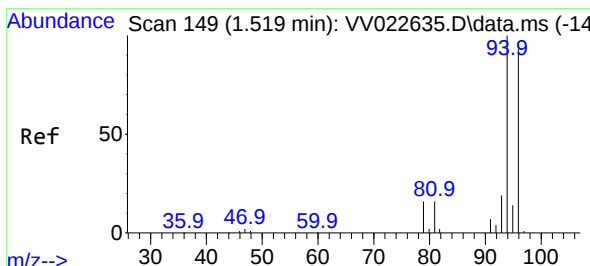
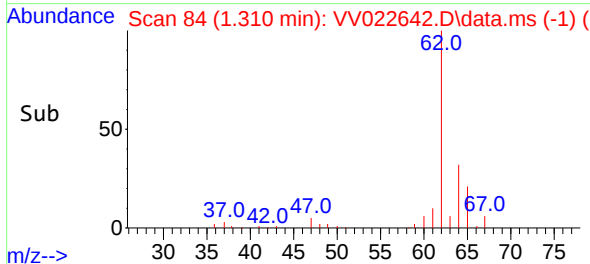
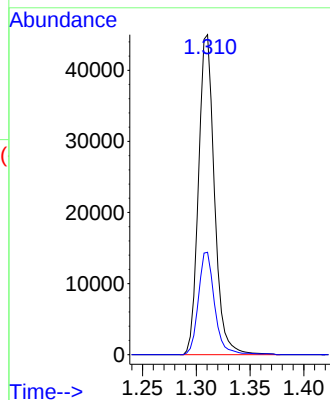
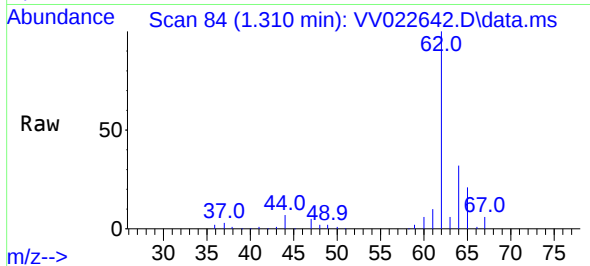




#5  
 Vinyl chloride  
 Concen: 5.840 ug/L  
 RT: 1.310 min Scan# 84  
 Delta R.T. 0.003 min  
 Lab File: VV022642.D  
 Acq: 07 Oct 2021 00:14

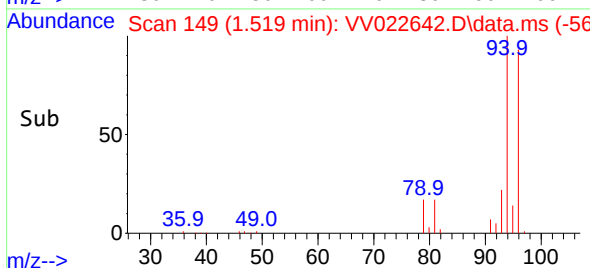
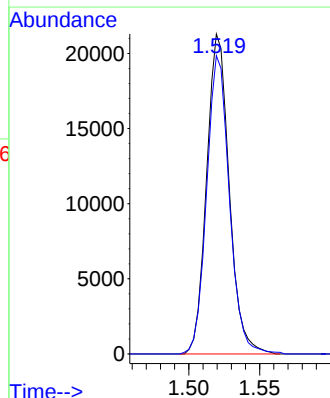
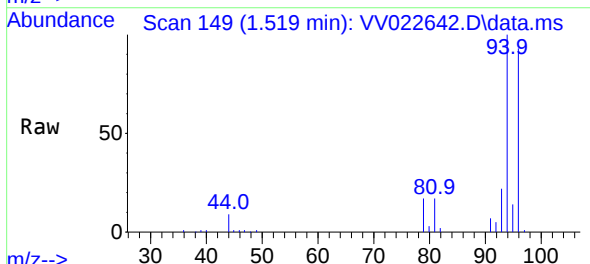
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GB7C5MS

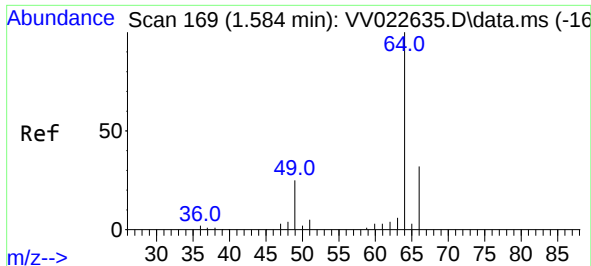
Tgt Ion: 62 Resp: 46351  
 Ion Ratio Lower Upper  
 62 100  
 64 32.0 22.3 41.5



#6  
 Bromomethane  
 Concen: 4.478 ug/L  
 RT: 1.519 min Scan# 149  
 Delta R.T. -0.000 min  
 Lab File: VV022642.D  
 Acq: 07 Oct 2021 00:14

Tgt Ion: 94 Resp: 23592  
 Ion Ratio Lower Upper  
 94 100  
 96 93.2 65.9 122.3

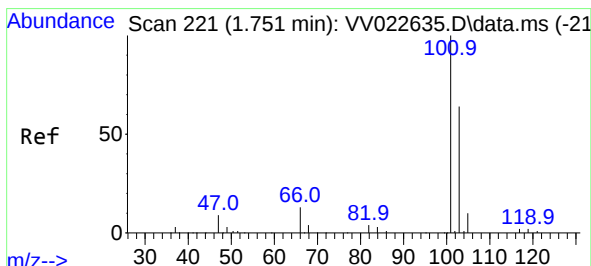
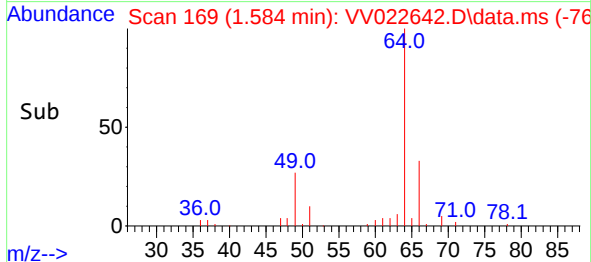
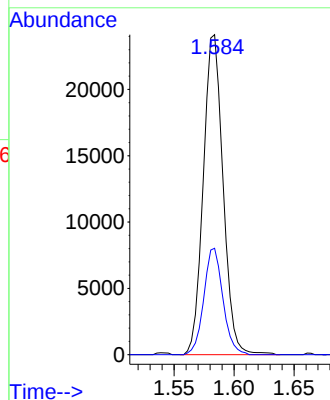
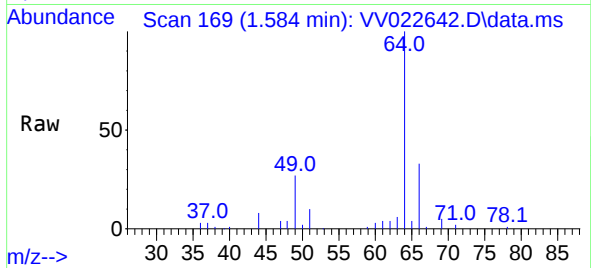




#8  
Chloroethane  
Concen: 5.494 ug/L  
RT: 1.584 min Scan# 169  
Delta R.T. -0.000 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

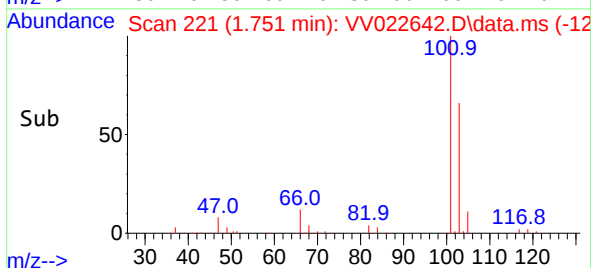
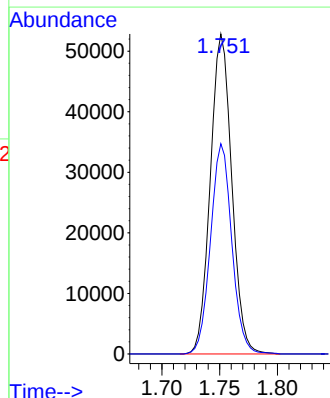
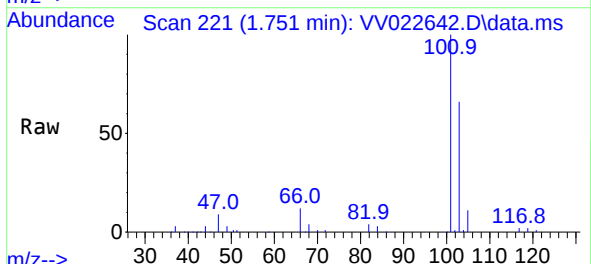
Instrument :  
MSVOA\_V  
ClientSampleId :  
GB7C5MS

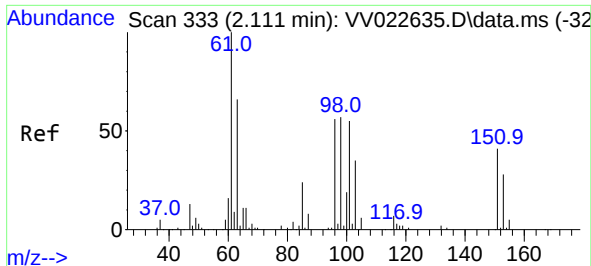
Tgt Ion: 64 Resp: 27731  
Ion Ratio Lower Upper  
64 100  
66 33.3 23.2 43.0



#9  
Trichlorofluoromethane  
Concen: 5.746 ug/L  
RT: 1.751 min Scan# 221  
Delta R.T. -0.000 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

Tgt Ion:101 Resp: 68226  
Ion Ratio Lower Upper  
101 100  
103 65.1 51.4 77.2

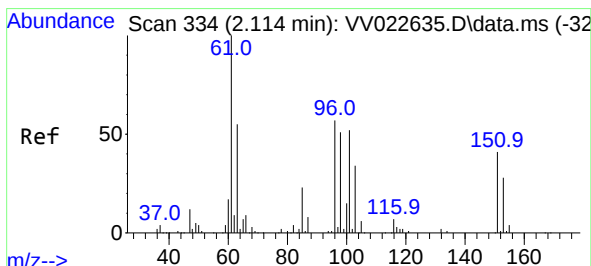
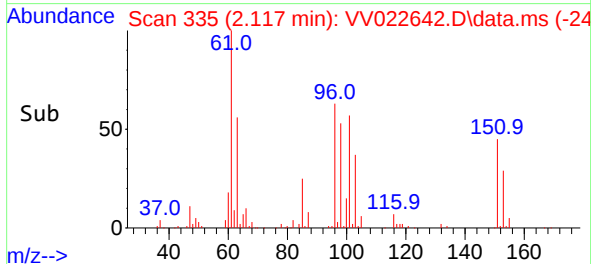
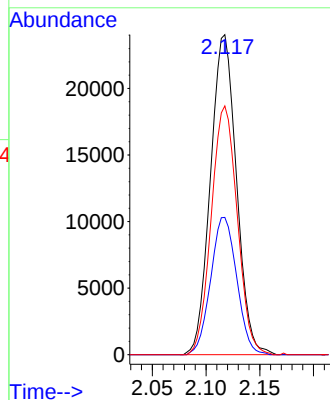
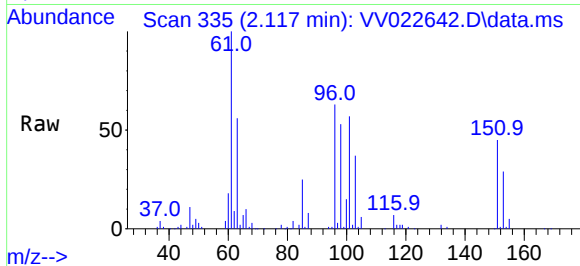




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 5.924 ug/L  
RT: 2.117 min Scan# 335  
Delta R.T. 0.006 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

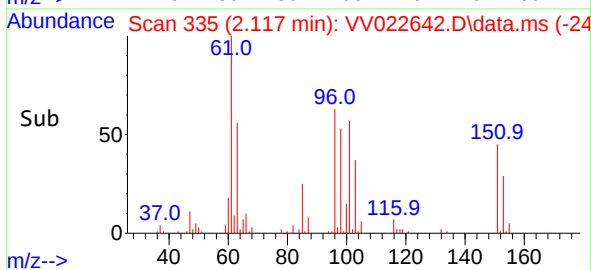
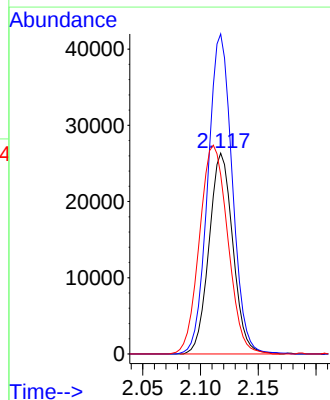
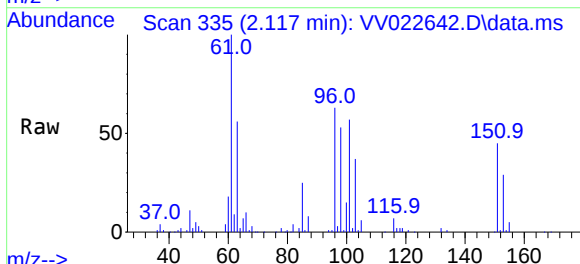
Instrument :  
MSVOA\_V  
ClientSampleId :  
GB7C5MS

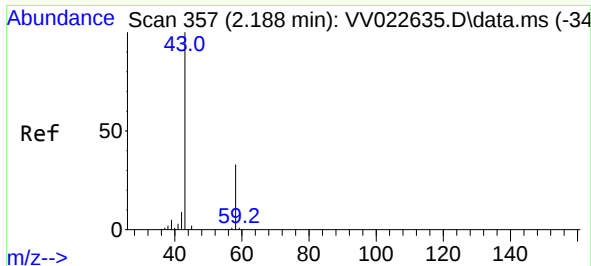
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Ion Ratio Lower Upper  
101 100  
85 43.0 35.8 53.6  
151 77.7 61.9 92.9



#12  
1,1-Dichloroethene  
Concen: 5.986 ug/L  
RT: 2.117 min Scan# 335  
Delta R.T. 0.003 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

Tgt Ion: 96 Resp: 37813  
Ion Ratio Lower Upper  
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63 89.3 66.6 123.8

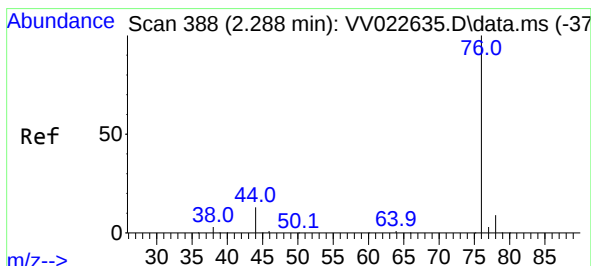
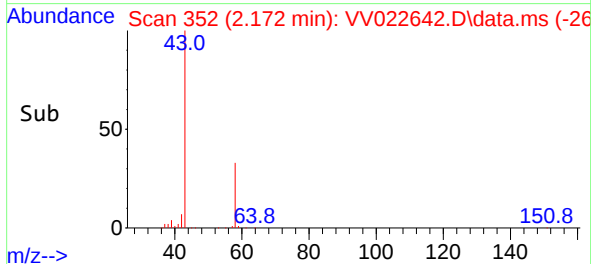
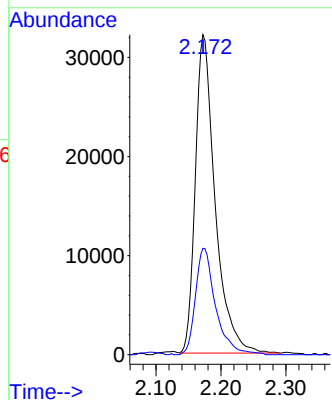
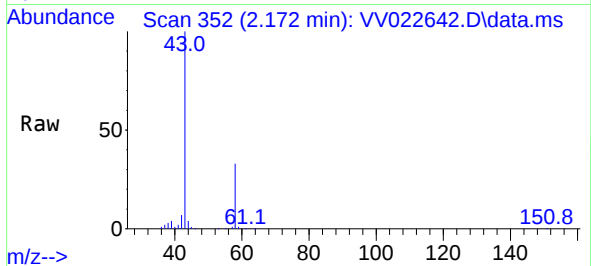




#13  
Acetone  
Concen: 64.883 ug/L  
RT: 2.172 min Scan# 352  
Delta R.T. -0.016 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

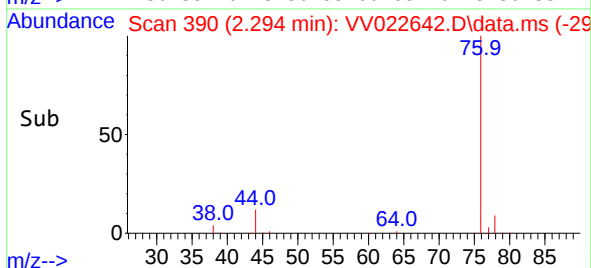
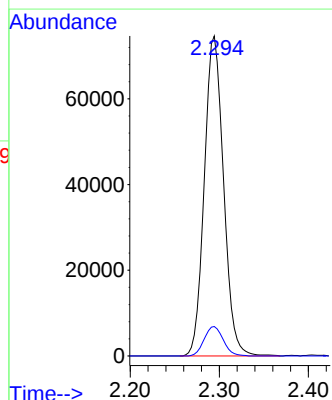
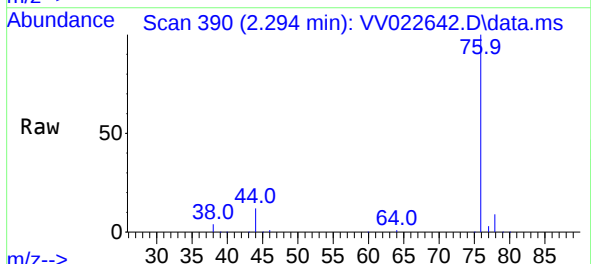
Instrument :  
MSVOA\_V  
ClientSampleId :  
GB7C5MS

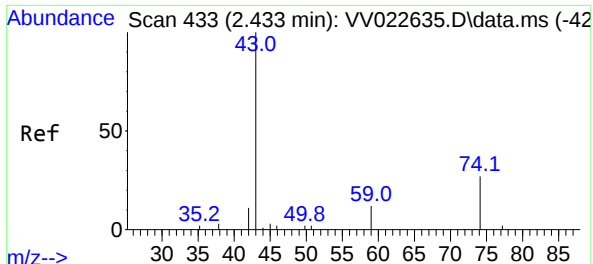
Tgt Ion: 43 Resp: 68145  
Ion Ratio Lower Upper  
43 100  
58 34.0 0.0 17.6#



#14  
Carbon disulfide  
Concen: 6.055 ug/L  
RT: 2.294 min Scan# 390  
Delta R.T. 0.006 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

Tgt Ion: 76 Resp: 111890  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.8 11.6

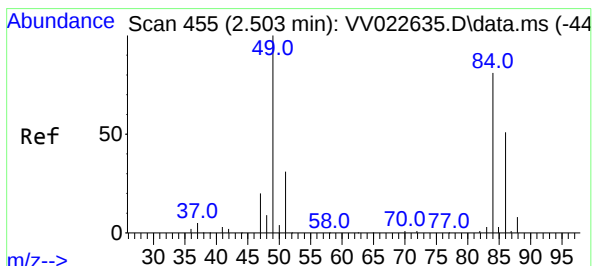
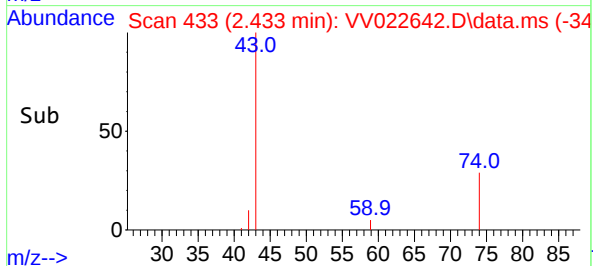
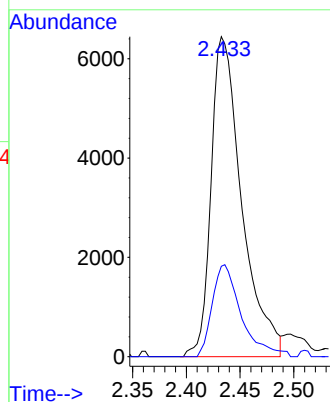
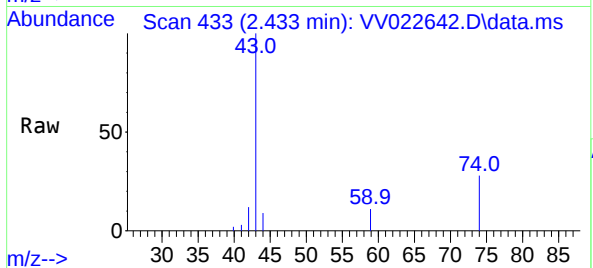




#15  
Methyl Acetate  
Concen: 4.139 ug/L  
RT: 2.433 min Scan# 433  
Delta R.T. -0.000 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

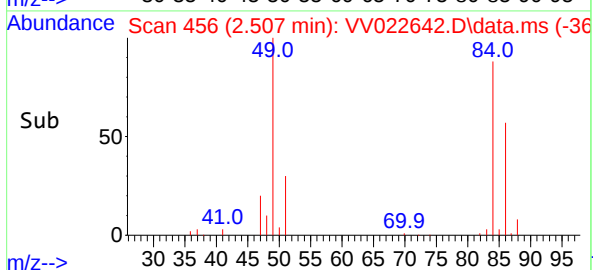
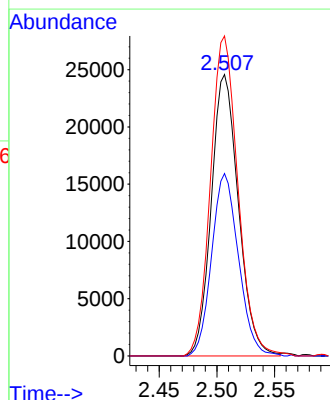
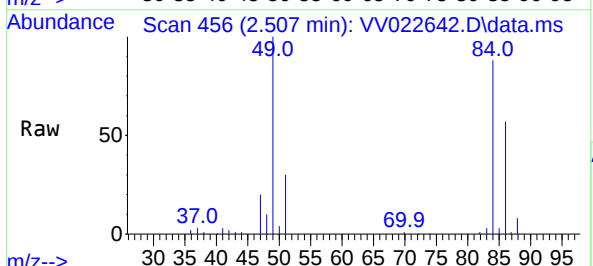
Instrument :  
MSVOA\_V  
ClientSampleId :  
GB7C5MS

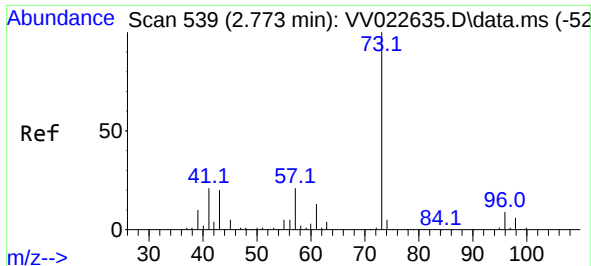
Tgt Ion: 43 Resp: 12801  
Ion Ratio Lower Upper  
43 100  
74 27.1 13.0 19.4#



#16  
Methylene chloride  
Concen: 5.525 ug/L  
RT: 2.507 min Scan# 456  
Delta R.T. 0.003 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

Tgt Ion: 84 Resp: 40210  
Ion Ratio Lower Upper  
84 100  
86 64.8 44.0 81.8  
49 113.7 85.9 159.5

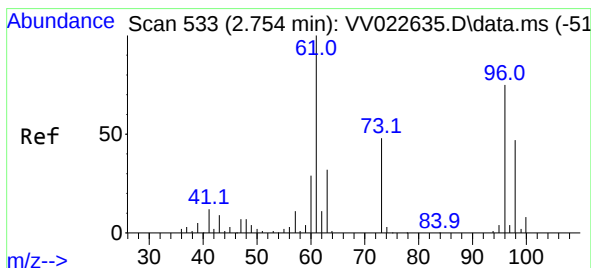
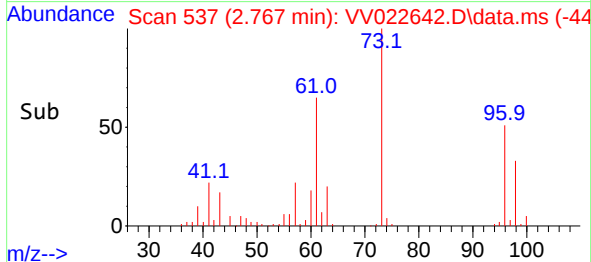
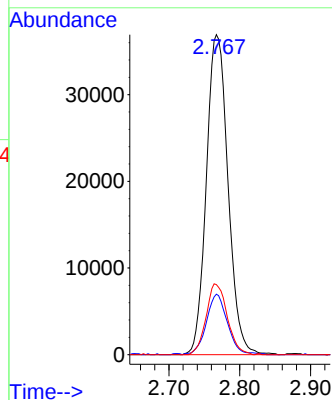
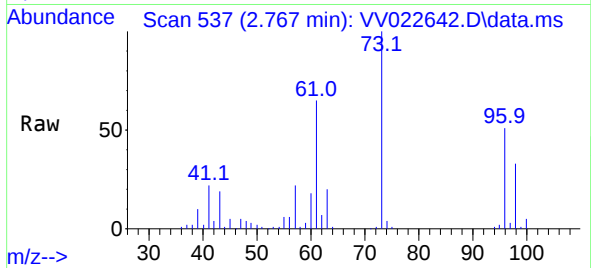




#17  
Methyl tert-butyl Ether  
Concen: 4.890 ug/L  
RT: 2.767 min Scan# 537  
Delta R.T. -0.006 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

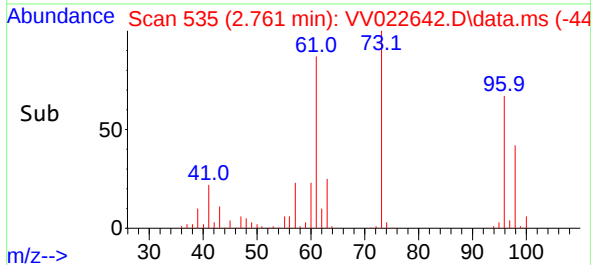
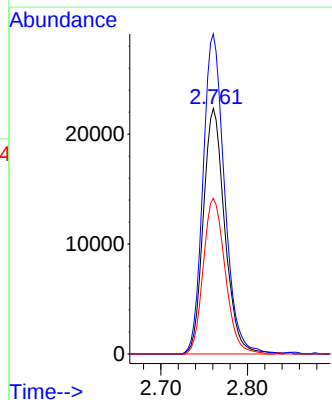
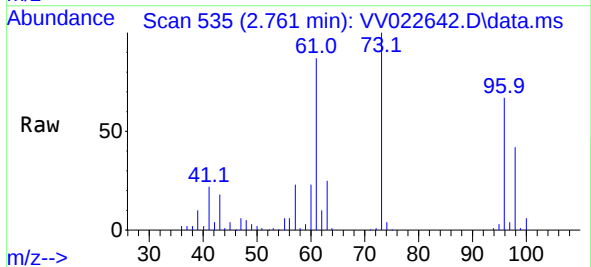
Instrument :  
MSVOA\_V  
ClientSampleId :  
GB7C5MS

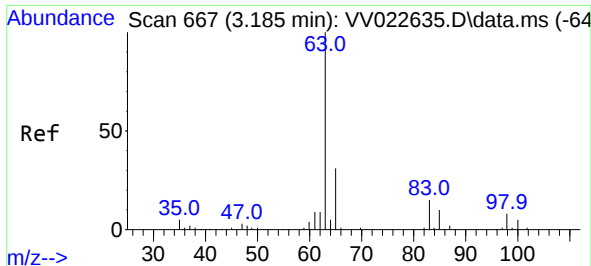
Tgt Ion: 73 Resp: 78500  
Ion Ratio Lower Upper  
73 100  
43 18.5 16.3 24.5  
57 21.6 17.5 26.3



#18  
trans-1,2-Dichloroethene  
Concen: 5.582 ug/L  
RT: 2.761 min Scan# 535  
Delta R.T. 0.006 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

Tgt Ion: 96 Resp: 38424  
Ion Ratio Lower Upper  
96 100  
61 130.3 94.0 174.6  
98 63.4 44.9 83.3



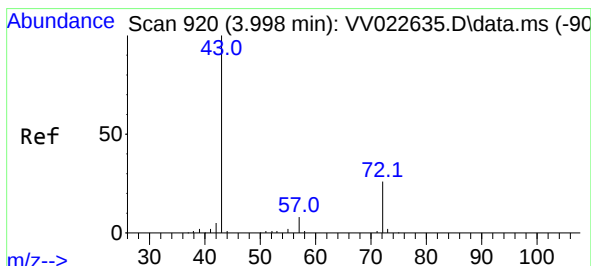
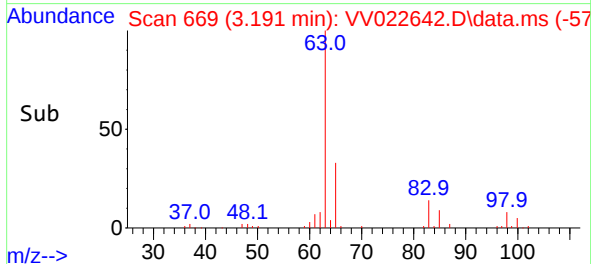
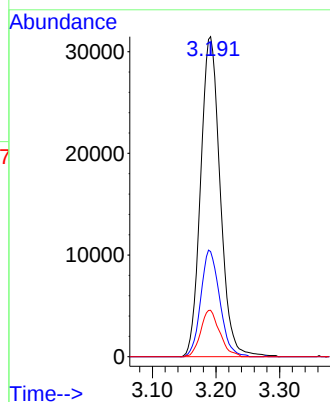
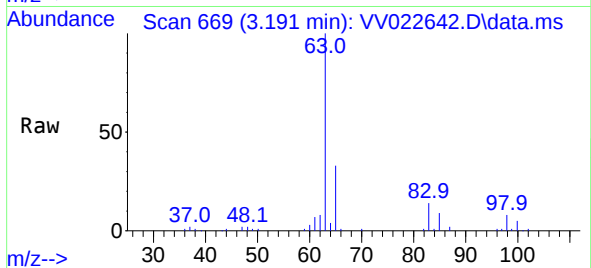


#19  
1,1-Dichloroethane  
Concen: 5.427 ug/L  
RT: 3.191 min Scan# 669  
Delta R.T. 0.006 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

Instrument :  
MSVOA\_V  
ClientSampleId :  
GB7C5MS

Tgt Ion: 63 Resp: 67027

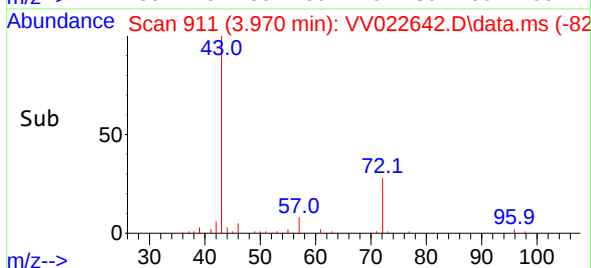
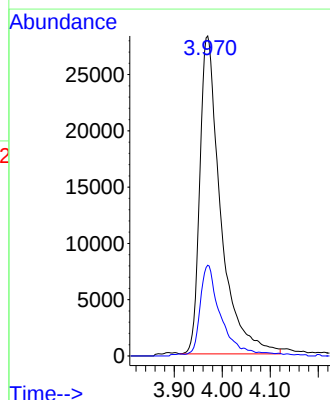
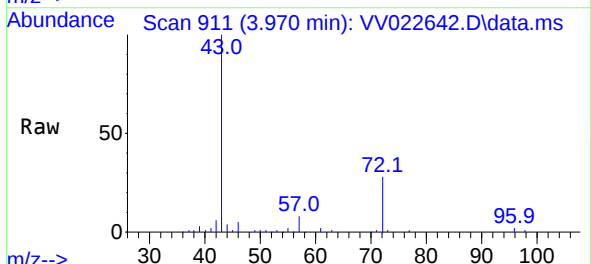
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 65  | 32.8  | 22.8  | 42.4  |
| 83  | 14.5  | 10.2  | 19.0  |

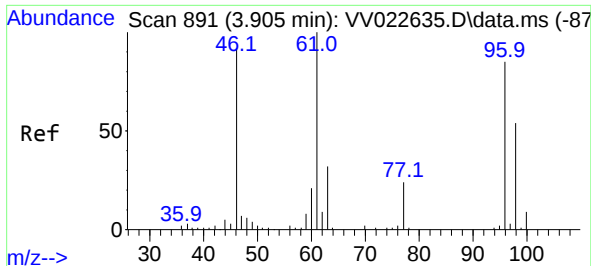


#21  
2-Butanone  
Concen: 50.642 ug/L  
RT: 3.970 min Scan# 911  
Delta R.T. -0.029 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

Tgt Ion: 43 Resp: 85145

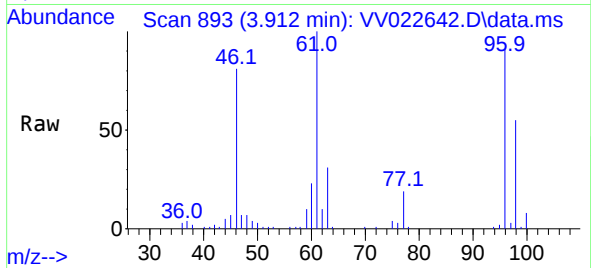
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 26.8  | 12.7  | 38.1  |





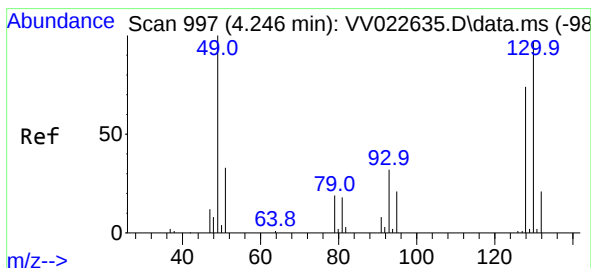
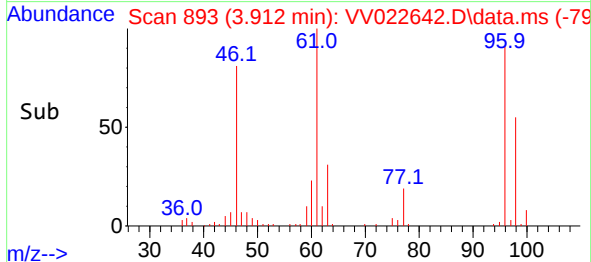
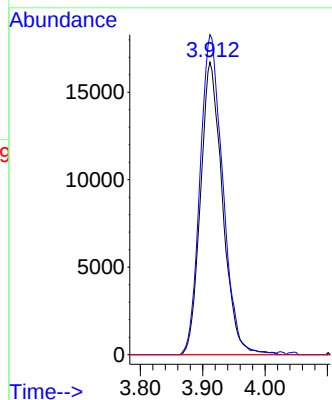
#22  
cis-1,2-Dichloroethene  
Concen: 5.484 ug/L  
RT: 3.912 min Scan# 893  
Delta R.T. 0.006 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

Instrument :  
MSVOA\_V  
ClientSampleId :  
GB7C5MS



Tgt Ion: 96 Resp: 40964

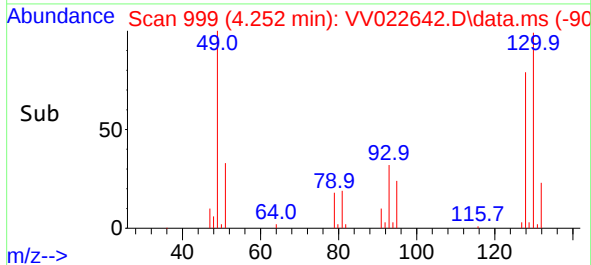
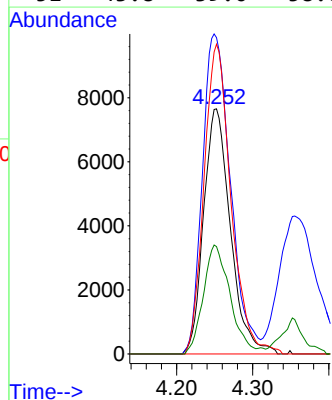
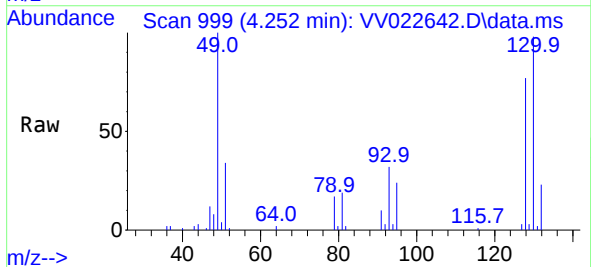
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 109.4 | 85.6  | 159.0 |
| 68  | 0.0   | 0.0   | 0.0   |

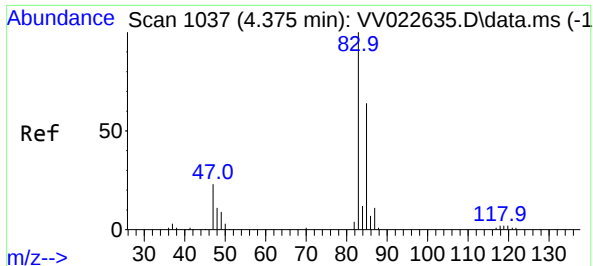


#23  
Bromochloromethane  
Concen: 5.342 ug/L  
RT: 4.252 min Scan# 999  
Delta R.T. 0.006 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

Tgt Ion: 128 Resp: 18784

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 49  | 129.0 | 110.7 | 205.5 |
| 130 | 126.4 | 93.2  | 173.2 |
| 51  | 43.8  | 39.0  | 58.6  |



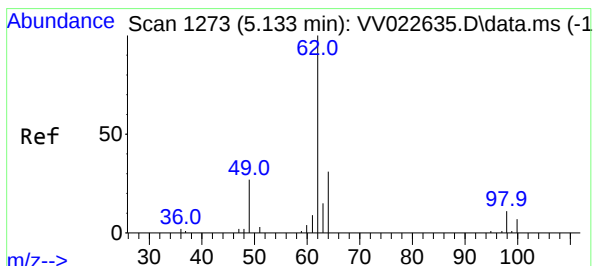
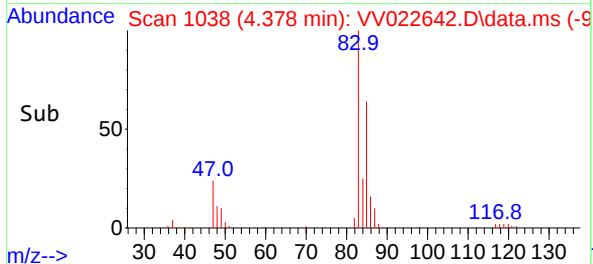
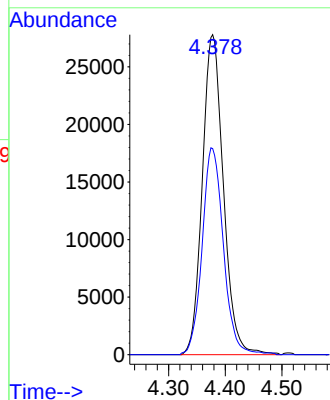
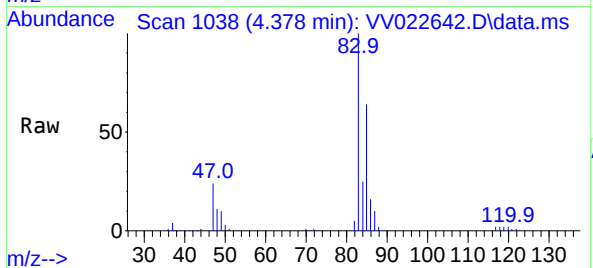


#25

Chloroform  
Concen: 5.333 ug/L  
RT: 4.378 min Scan# 1038  
Delta R.T. 0.003 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

Instrument :  
MSVOA\_V  
ClientSampleId :  
GB7C5MS

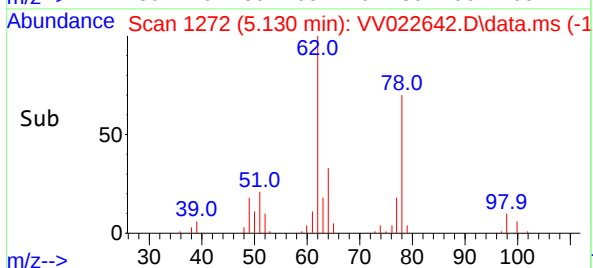
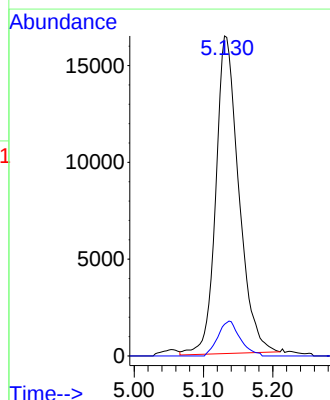
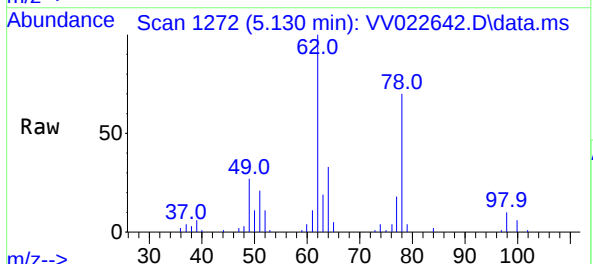
Tgt Ion: 83 Resp: 71934  
Ion Ratio Lower Upper  
83 100  
85 64.4 45.6 84.8

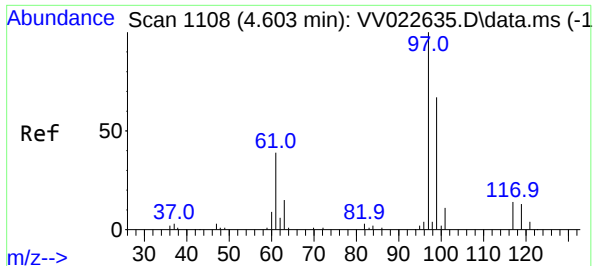


#27

1,2-Dichloroethane  
Concen: 5.269 ug/L  
RT: 5.130 min Scan# 1272  
Delta R.T. -0.003 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

Tgt Ion: 62 Resp: 37824  
Ion Ratio Lower Upper  
62 100  
98 9.9 7.4 11.2



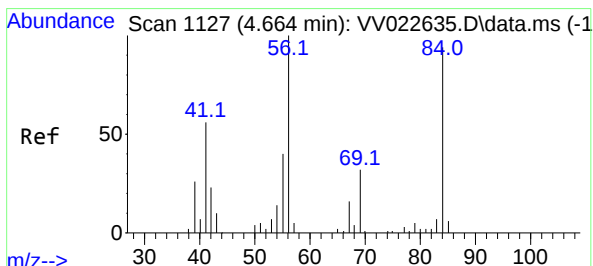
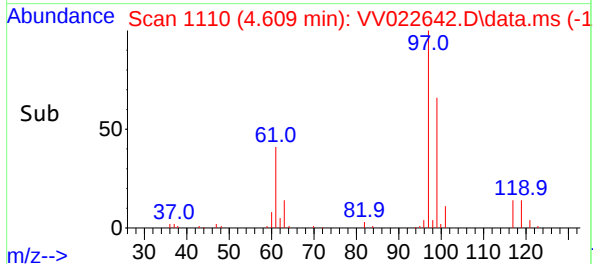
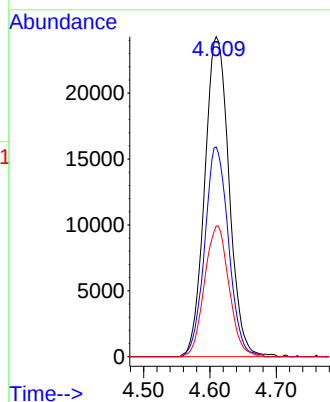
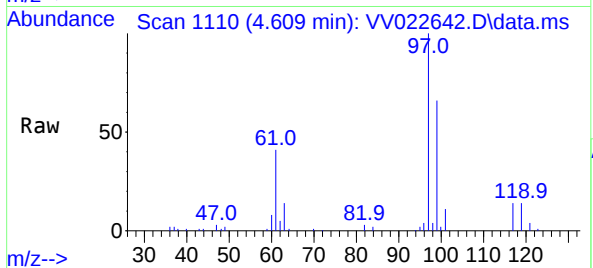


#29

1,1,1-Trichloroethane  
Concen: 5.286 ug/L  
RT: 4.609 min Scan# 1110  
Delta R.T. 0.006 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

Instrument :  
MSVOA\_V  
ClientSampleId :  
GB7C5MS

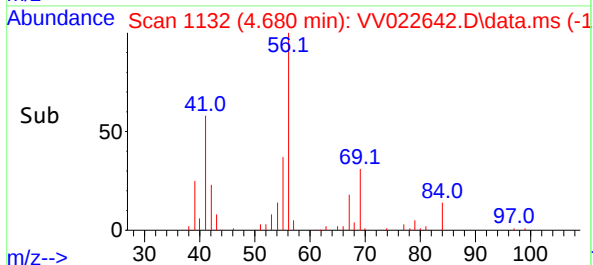
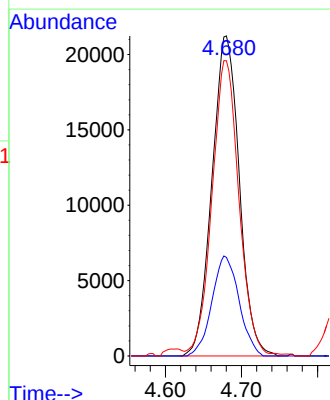
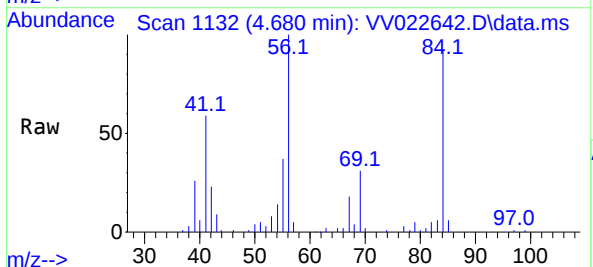
Tgt Ion: 97 Resp: 62026  
Ion Ratio Lower Upper  
97 100  
99 64.2 49.8 74.6  
61 41.0 32.5 48.7

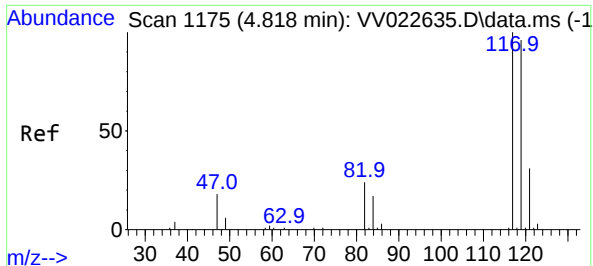


#30

Cyclohexane  
Concen: 4.985 ug/L  
RT: 4.680 min Scan# 1132  
Delta R.T. 0.016 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

Tgt Ion: 56 Resp: 53010  
Ion Ratio Lower Upper  
56 100  
69 30.9 25.7 38.5  
84 90.1 75.8 113.8

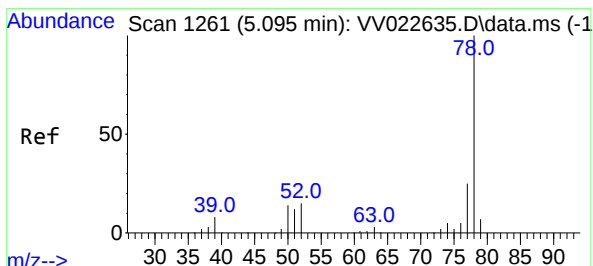
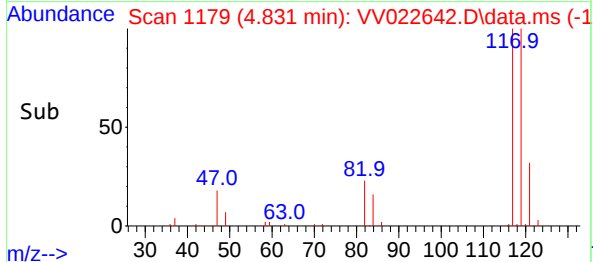
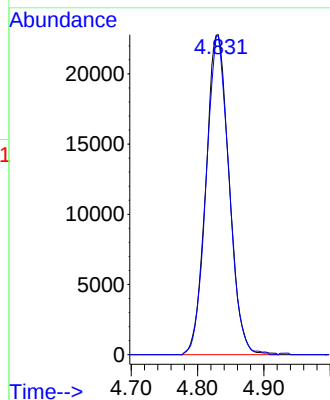
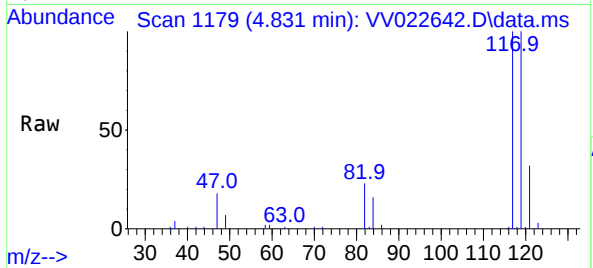




#31  
Carbon tetrachloride  
Concen: 5.342 ug/L  
RT: 4.831 min Scan# 1179  
Delta R.T. 0.013 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

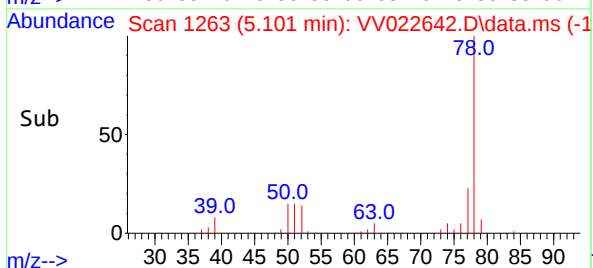
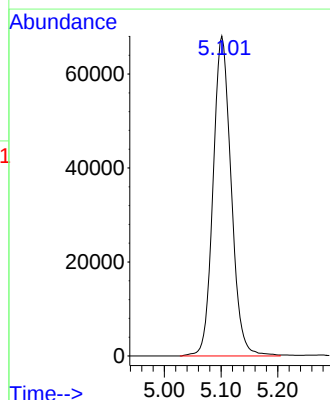
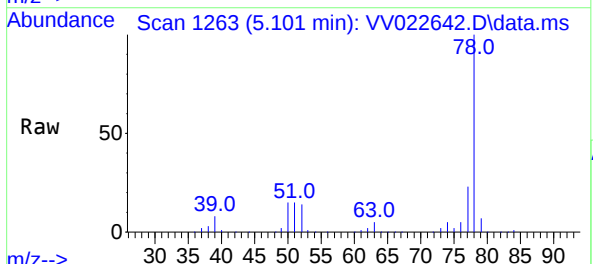
Instrument :  
MSVOA\_V  
ClientSampleId :  
GB7C5MS

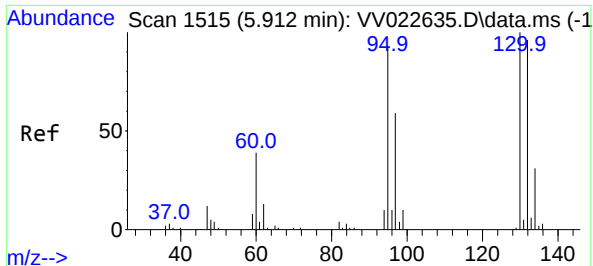
Tgt Ion:117 Resp: 55615  
Ion Ratio Lower Upper  
117 100  
119 97.8 76.9 115.3



#33  
Benzene  
Concen: 5.466 ug/L  
RT: 5.101 min Scan# 1263  
Delta R.T. 0.006 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

Tgt Ion: 78 Resp: 151304





#34

Trichloroethene

Concen: 4.752 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.003 min

Lab File: VV022642.D

Acq: 07 Oct 2021 00:14

Tgt Ion: 95 Resp: 38227

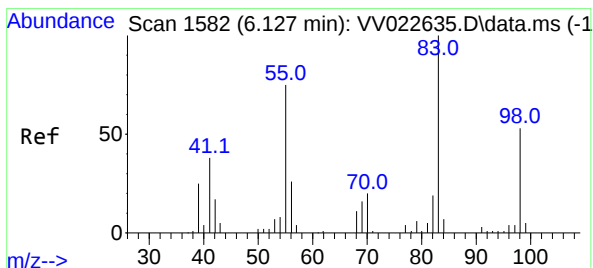
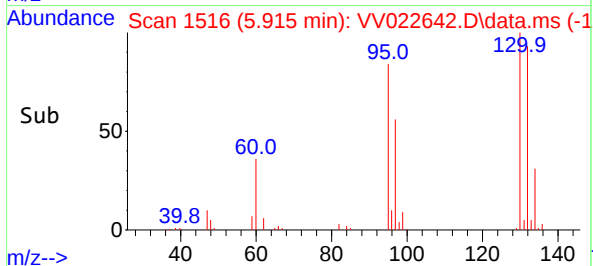
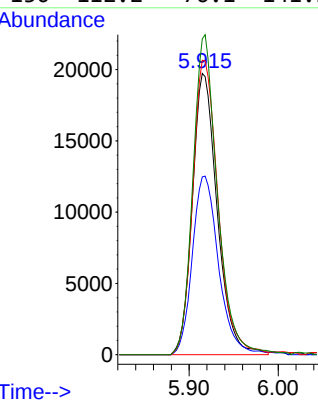
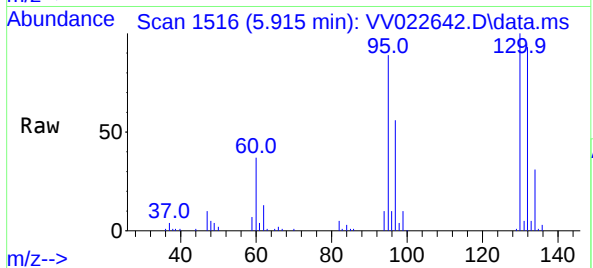
Ion Ratio Lower Upper

95 100

97 63.2 46.5 86.5

132 104.7 73.0 135.6

130 112.2 76.1 141.3



#35

Methylcyclohexane

Concen: 5.109 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.006 min

Lab File: VV022642.D

Acq: 07 Oct 2021 00:14

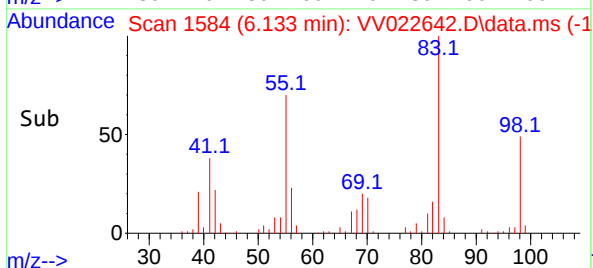
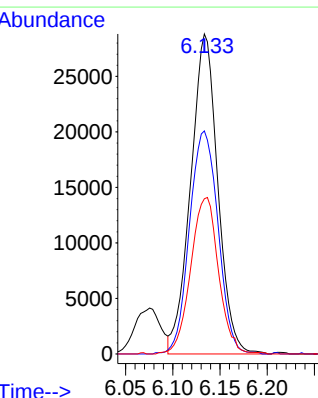
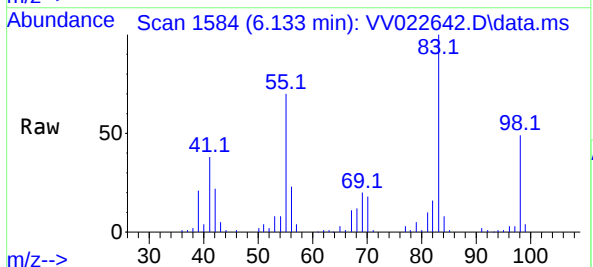
Tgt Ion: 83 Resp: 57594

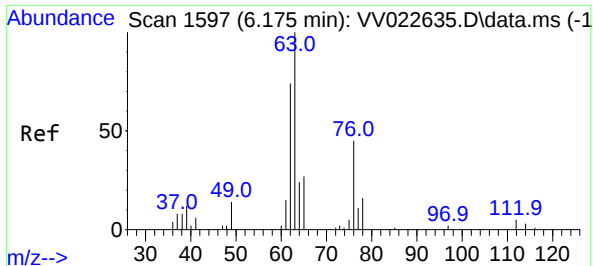
Ion Ratio Lower Upper

83 100

55 73.5 57.8 86.8

98 50.3 39.8 59.8

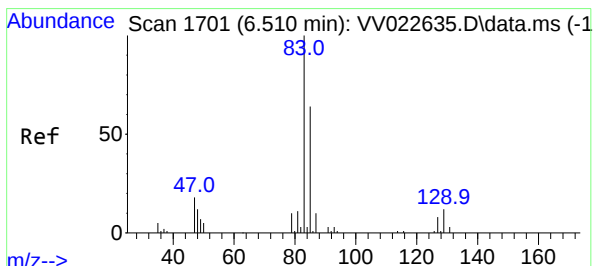
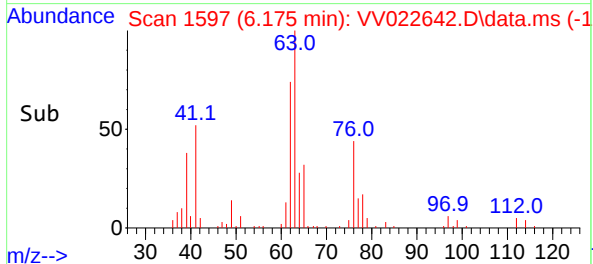
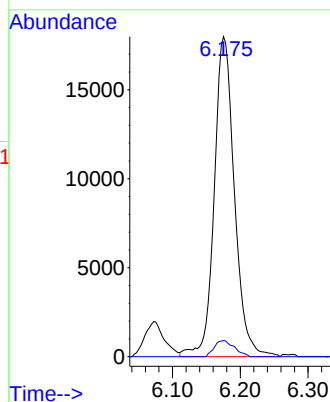
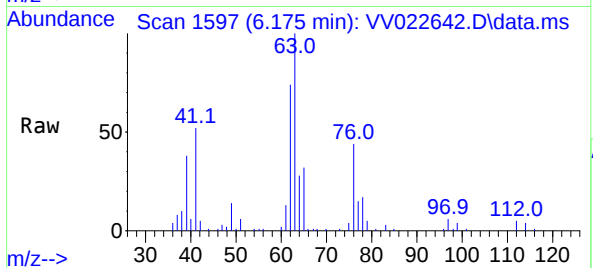




#37  
1,2-Dichloropropane  
Concen: 5.515 ug/L  
RT: 6.175 min Scan# 1597  
Delta R.T. -0.000 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

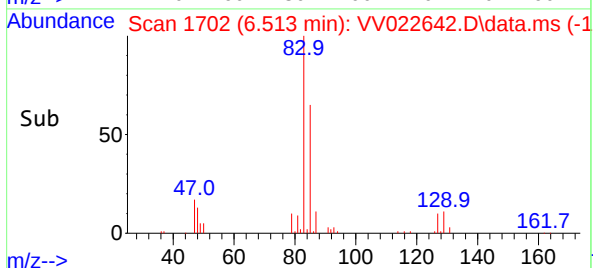
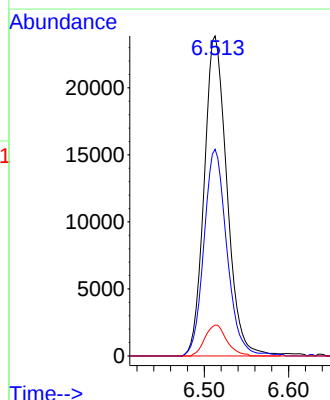
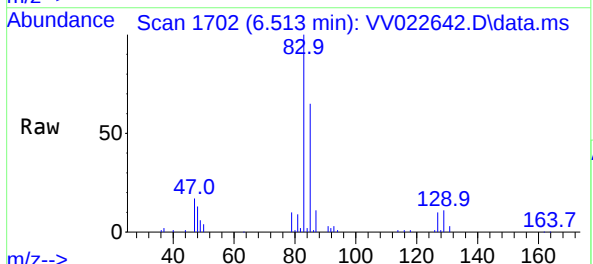
Instrument :  
MSVOA\_V  
ClientSampleId :  
GB7C5MS

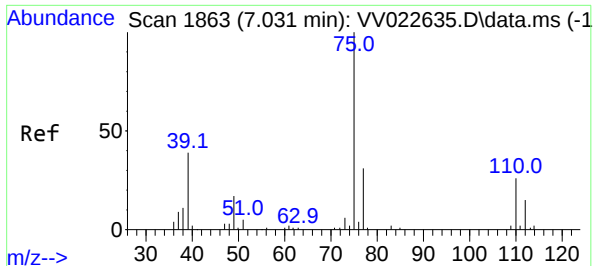
Tgt Ion: 63 Resp: 37265  
Ion Ratio Lower Upper  
63 100  
112 5.0 4.3 6.5



#38  
Bromodichloromethane  
Concen: 5.245 ug/L  
RT: 6.513 min Scan# 1702  
Delta R.T. 0.003 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

Tgt Ion: 83 Resp: 44914  
Ion Ratio Lower Upper  
83 100  
85 64.6 47.2 87.6  
127 9.7 7.4 11.2

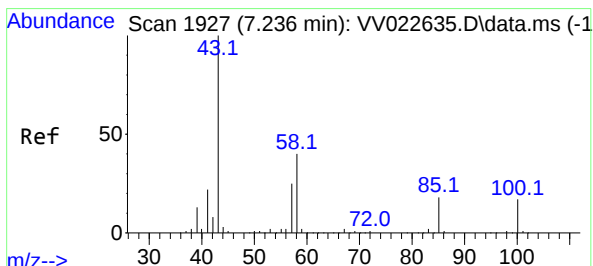
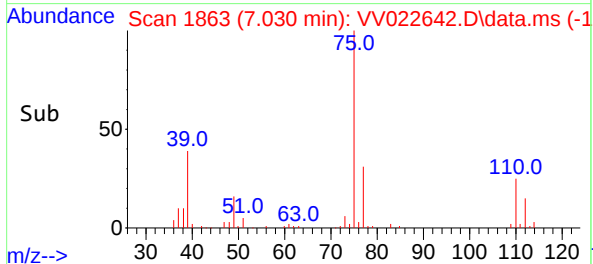
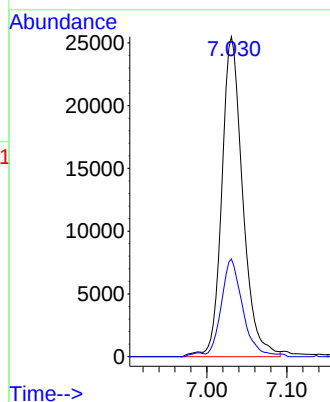
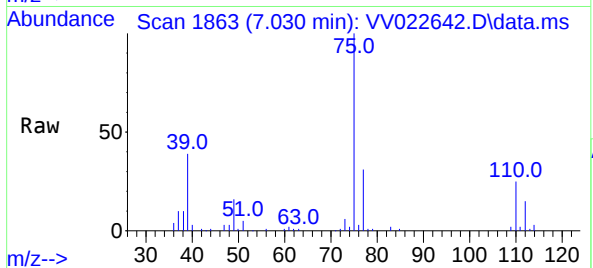




#39  
cis-1,3-Dichloropropene  
Concen: 5.076 ug/L  
RT: 7.030 min Scan# 1863  
Delta R.T. -0.000 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

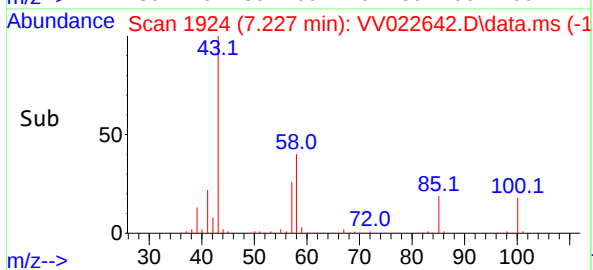
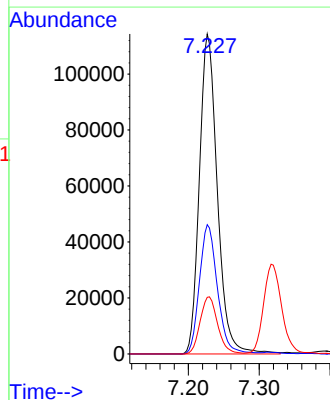
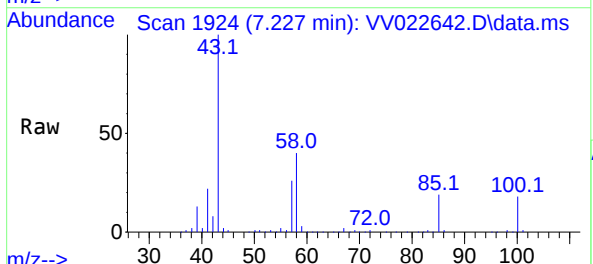
Instrument :  
MSVOA\_V  
ClientSampled :  
GB7C5MS

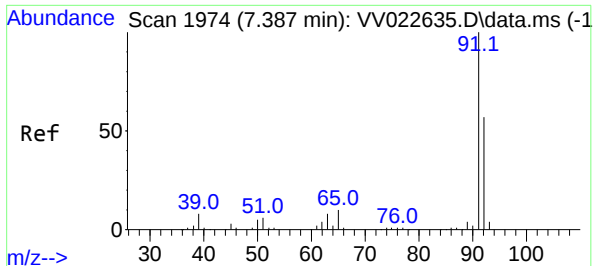
Tgt Ion: 75 Resp: 46226  
Ion Ratio Lower Upper  
75 100  
77 30.5 22.4 41.6



#40  
4-Methyl-2-pentanone  
Concen: 54.089 ug/L  
RT: 7.227 min Scan# 1924  
Delta R.T. -0.010 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

Tgt Ion: 43 Resp: 201194  
Ion Ratio Lower Upper  
43 100  
58 40.5 32.3 48.5  
100 17.4 13.8 20.6

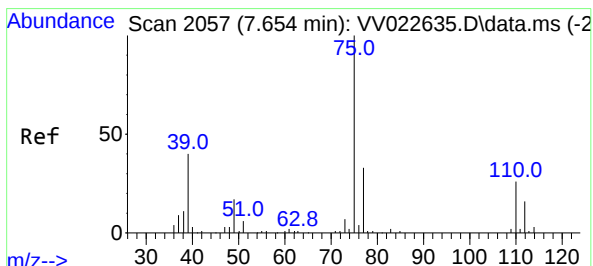
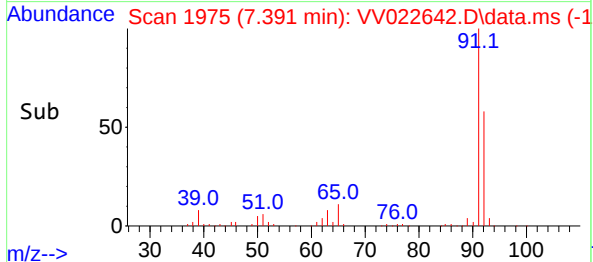
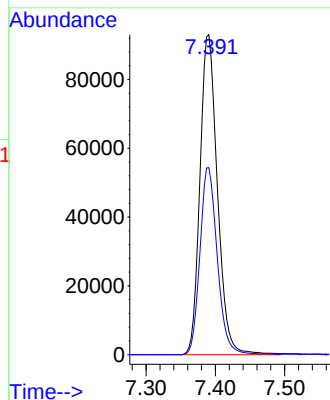
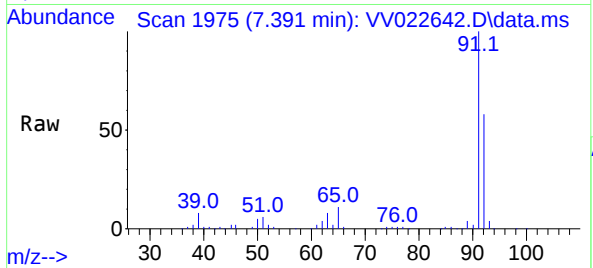




#42  
Toluene  
Concen: 5.619 ug/L  
RT: 7.391 min Scan# 1975  
Delta R.T. 0.003 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

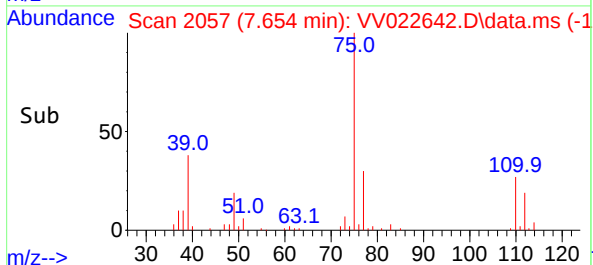
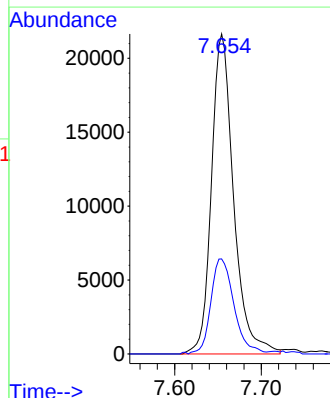
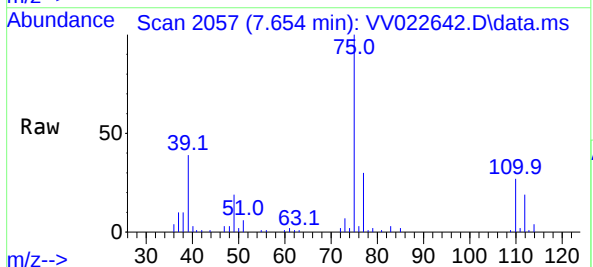
Instrument :  
MSVOA\_V  
ClientSampleId :  
GB7C5MS

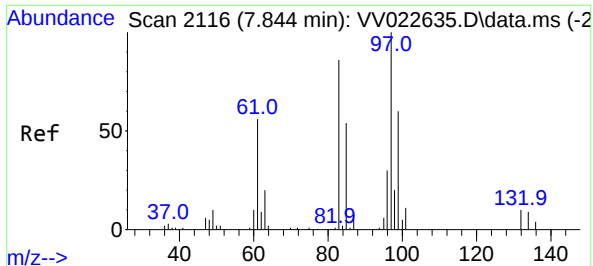
Tgt Ion: 91 Resp: 163397  
Ion Ratio Lower Upper  
91 100  
92 58.4 40.5 75.3



#44  
trans-1,3-Dichloropropene  
Concen: 5.062 ug/L  
RT: 7.654 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

Tgt Ion: 75 Resp: 38482  
Ion Ratio Lower Upper  
75 100  
77 29.7 21.8 40.6





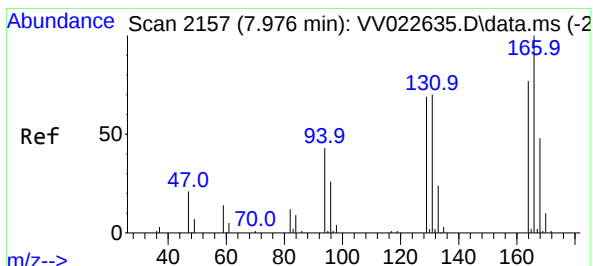
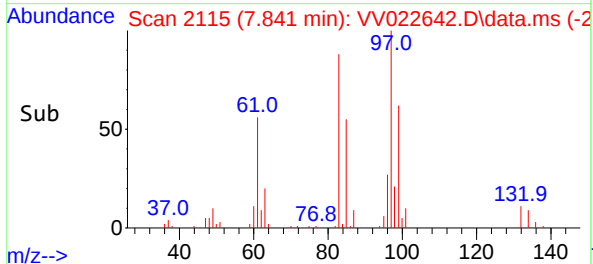
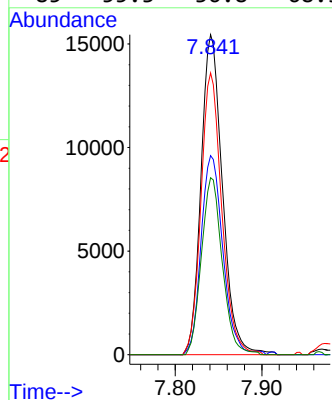
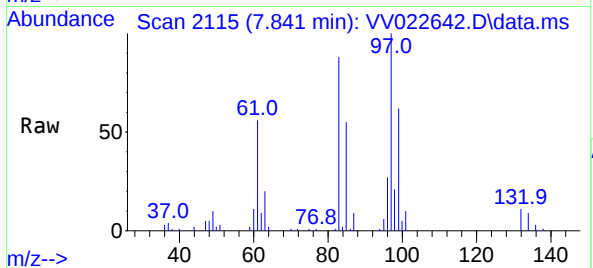
#45

1,1,2-Trichloroethane  
Concen: 5.271 ug/L  
RT: 7.841 min Scan# 2115  
Delta R.T. -0.003 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

Instrument :  
MSVOA\_V  
ClientSampleId :  
GB7C5MS

Tgt Ion: 97 Resp: 26590

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 62.2  | 42.6  | 79.0  |
| 83  | 88.1  | 57.7  | 107.1 |
| 85  | 55.3  | 36.8  | 68.3  |

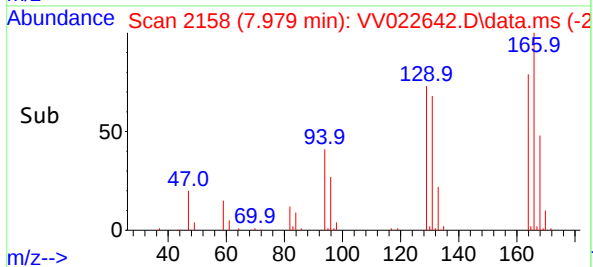
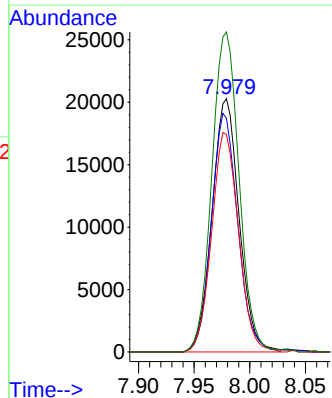
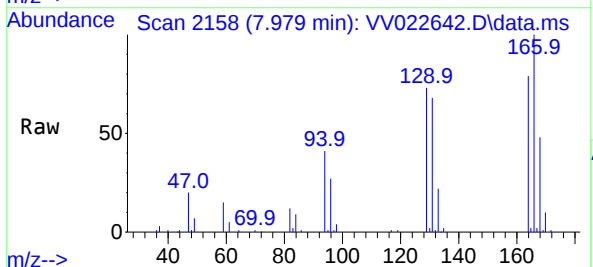


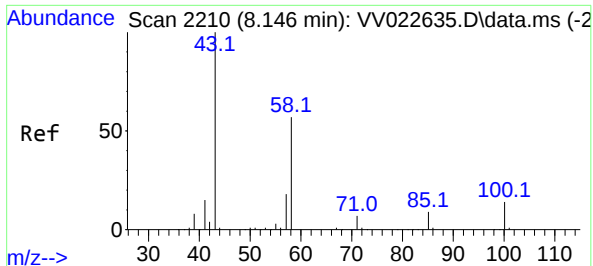
#47

Tetrachloroethene  
Concen: 5.502 ug/L  
RT: 7.979 min Scan# 2158  
Delta R.T. 0.003 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

Tgt Ion: 164 Resp: 34413

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 92.3  | 65.5  | 121.6 |
| 131 | 85.9  | 62.4  | 116.0 |
| 166 | 126.3 | 91.1  | 169.3 |



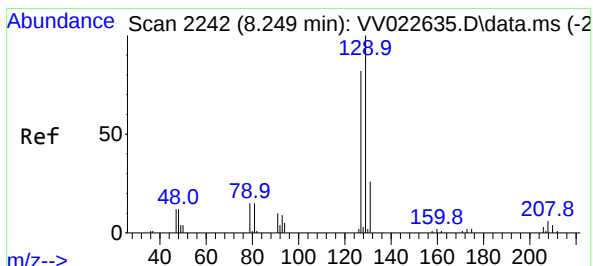
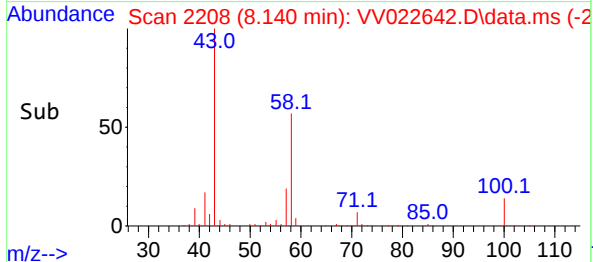
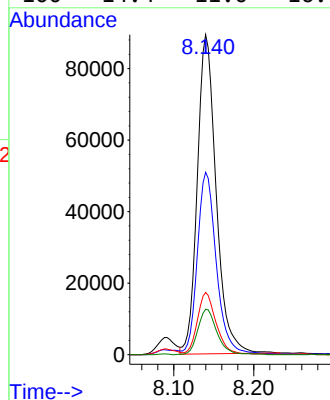
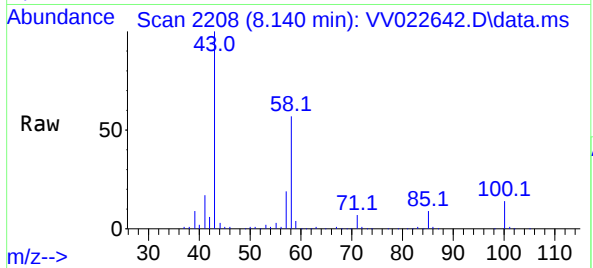


#48  
2-Hexanone  
Concen: 54.912 ug/L  
RT: 8.140 min Scan# 2208  
Delta R.T. -0.006 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

Instrument :  
MSVOA\_V  
ClientSampleId :  
GB7C5MS

Tgt Ion: 43 Resp: 146945

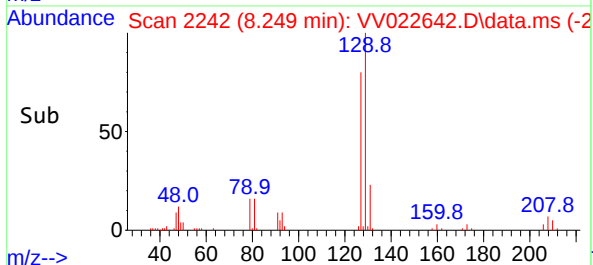
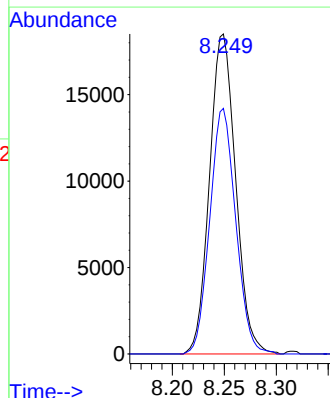
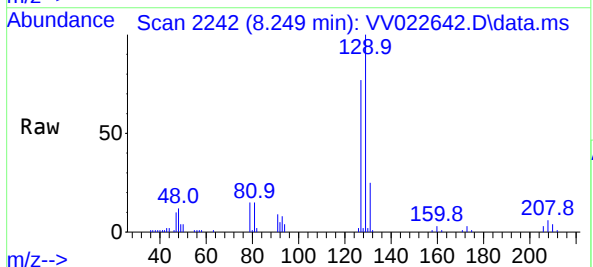
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 57.3  | 46.4  | 69.6  |
| 57  | 19.1  | 16.3  | 24.5  |
| 100 | 14.4  | 11.0  | 16.6  |

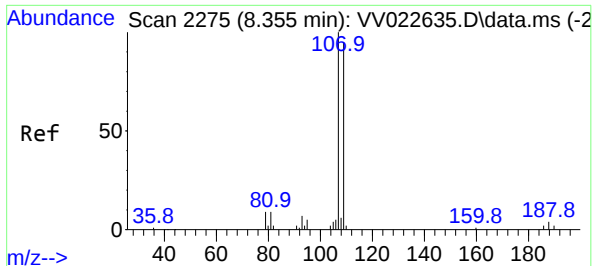


#49  
Dibromochloromethane  
Concen: 5.448 ug/L  
RT: 8.249 min Scan# 2242  
Delta R.T. -0.000 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

Tgt Ion: 129 Resp: 32394

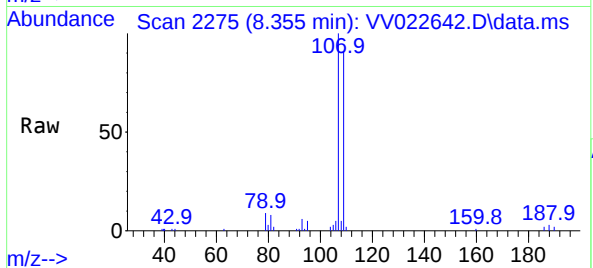
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 129 | 100   |       |       |
| 127 | 76.8  | 52.6  | 97.6  |



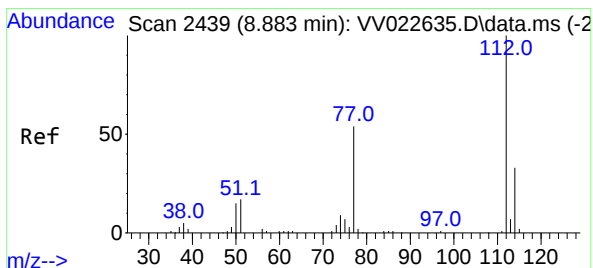
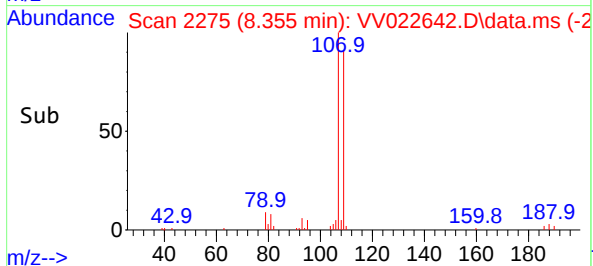
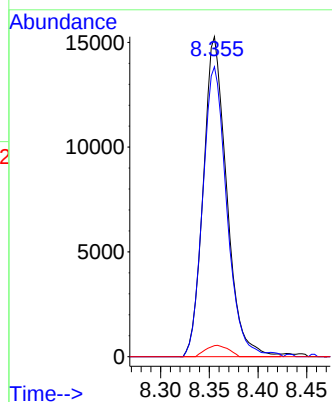


#50  
1,2-Dibromoethane  
Concen: 5.430 ug/L  
RT: 8.355 min Scan# 2275  
Delta R.T. -0.000 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

Instrument :  
MSVOA\_V  
ClientSampleId :  
GB7C5MS

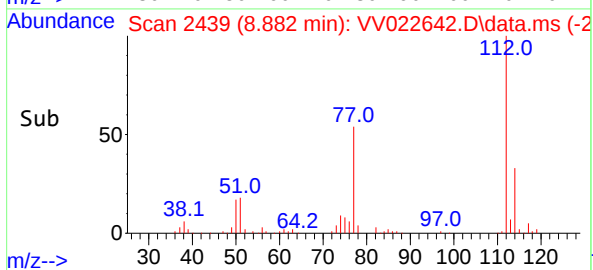
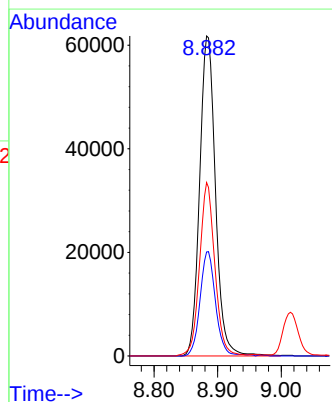
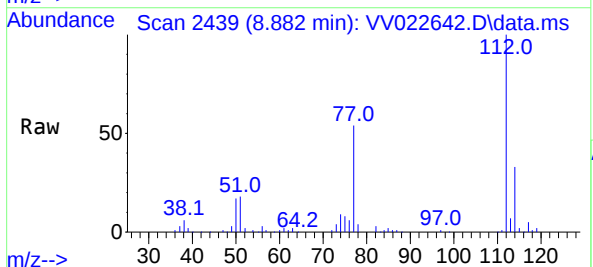


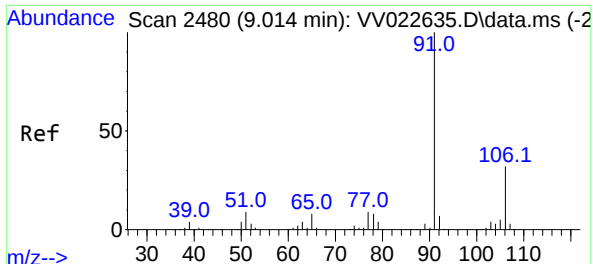
Tgt Ion:107 Resp: 25464  
Ion Ratio Lower Upper  
107 100  
109 90.6 63.2 117.4  
188 3.5 3.4 5.2



#51  
Chlorobenzene  
Concen: 5.606 ug/L  
RT: 8.882 min Scan# 2439  
Delta R.T. -0.000 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

Tgt Ion:112 Resp: 106698  
Ion Ratio Lower Upper  
112 100  
114 32.5 21.6 40.2  
77 54.2 42.8 64.2

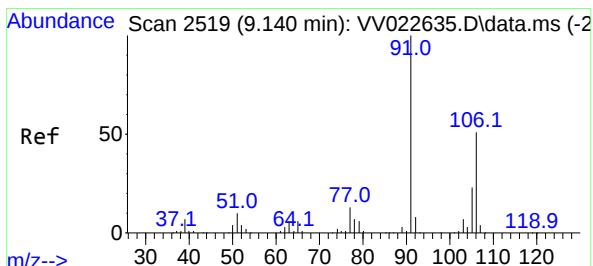
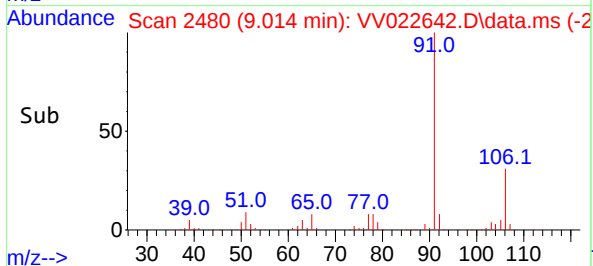
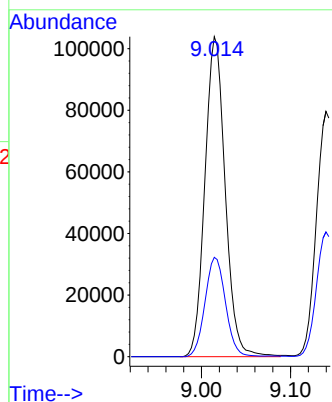
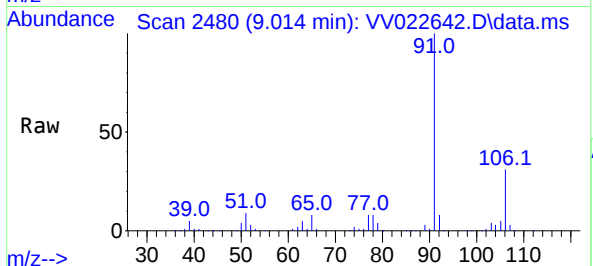




#52  
Ethylbenzene  
Concen: 5.496 ug/L  
RT: 9.014 min Scan# 2480  
Delta R.T. -0.000 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

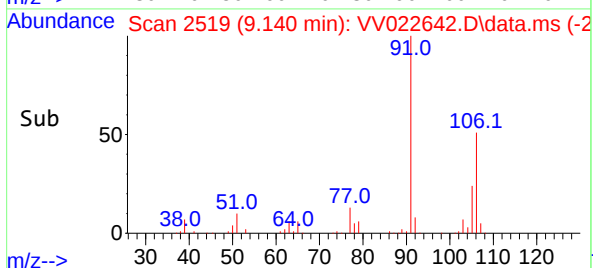
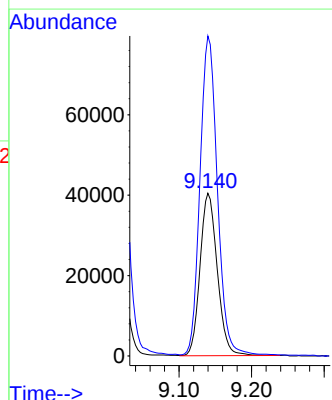
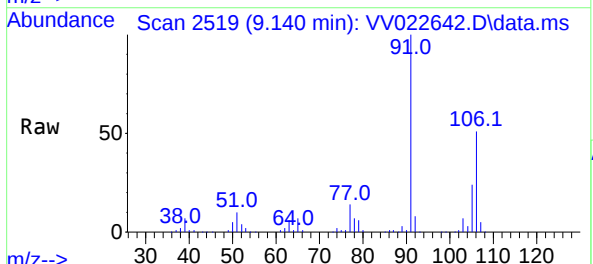
Instrument :  
MSVOA\_V  
ClientSampleId :  
GB7C5MS

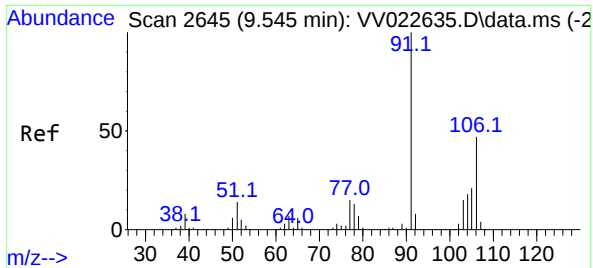
Tgt Ion: 91 Resp: 163993  
Ion Ratio Lower Upper  
91 100  
106 31.1 21.3 39.6



#53  
m,p-xylene  
Concen: 5.862 ug/L  
RT: 9.140 min Scan# 2519  
Delta R.T. -0.000 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

Tgt Ion: 106 Resp: 66699  
Ion Ratio Lower Upper  
106 100  
91 196.6 144.8 269.0

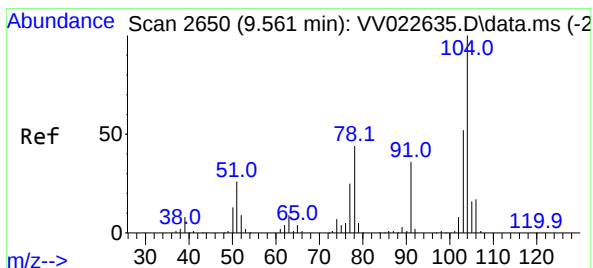
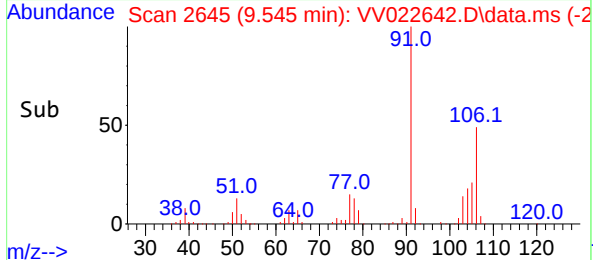
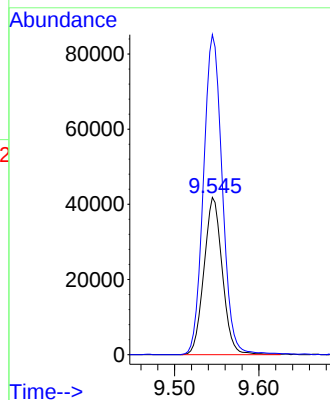
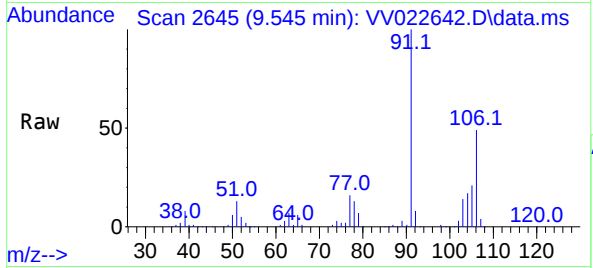




#54  
o-xylene  
Concen: 5.612 ug/L  
RT: 9.545 min Scan# 2645  
Delta R.T. -0.000 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

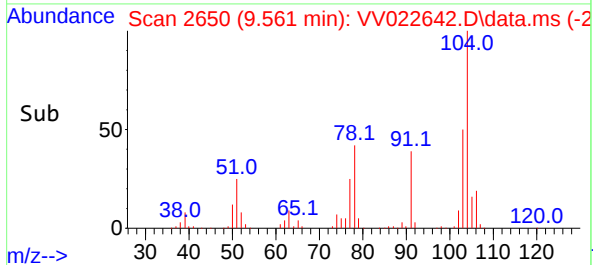
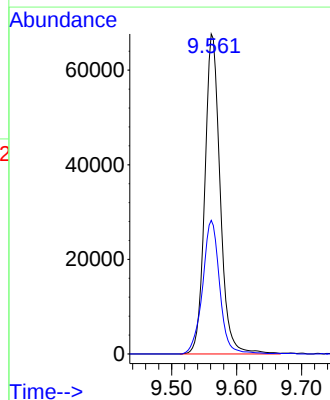
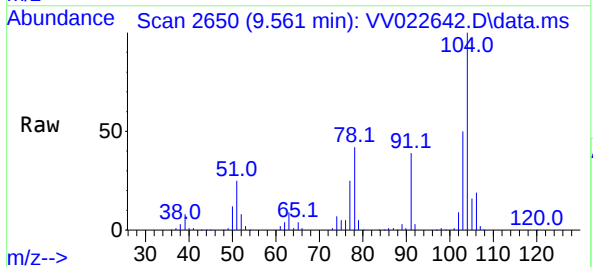
Instrument :  
MSVOA\_V  
ClientSampleId :  
GB7C5MS

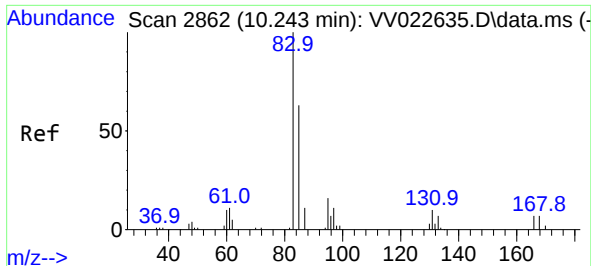
Tgt Ion:106 Resp: 63522  
Ion Ratio Lower Upper  
106 100  
91 203.5 148.8 276.4



#55  
Styrene  
Concen: 5.783 ug/L  
RT: 9.561 min Scan# 2650  
Delta R.T. -0.000 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

Tgt Ion:104 Resp: 111287  
Ion Ratio Lower Upper  
104 100  
78 41.7 28.7 53.3

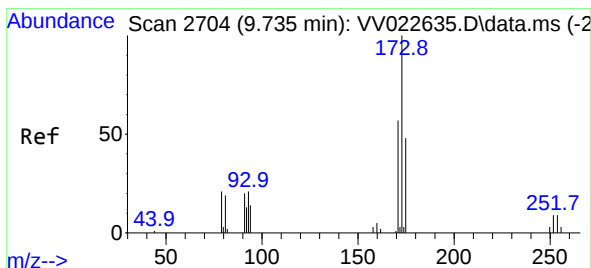
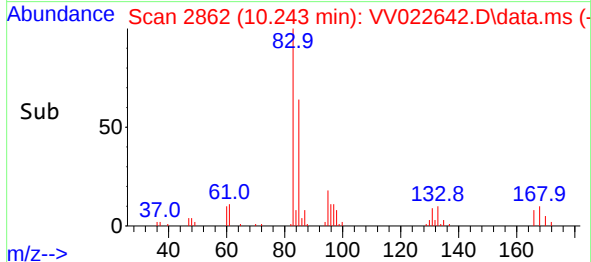
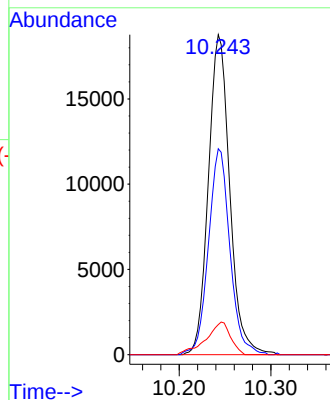
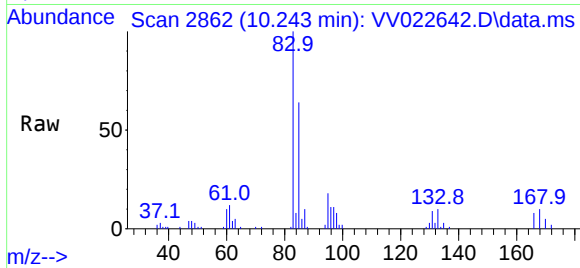




#57  
1,1,2,2-Tetrachloroethane  
Concen: 5.540 ug/L  
RT: 10.243 min Scan# 2862  
Delta R.T. -0.000 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

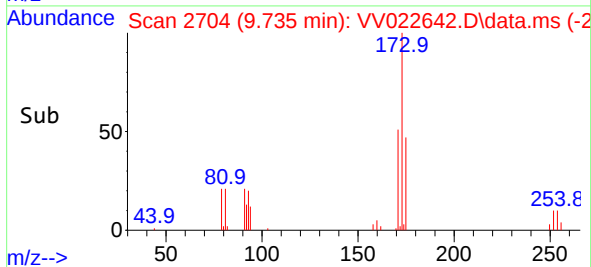
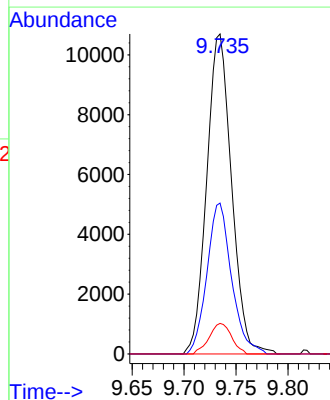
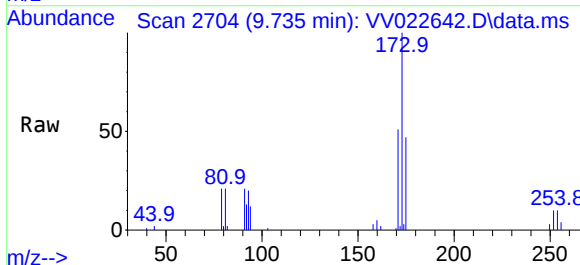
Instrument :  
MSVOA\_V  
ClientSampleId :  
GB7C5MS

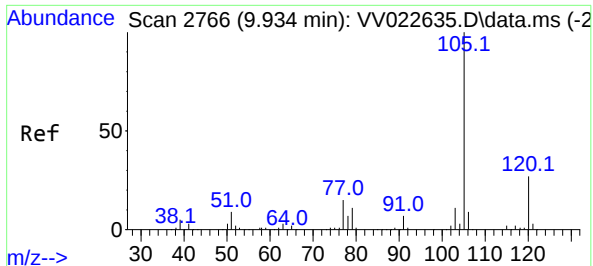
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 30320 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 64.3  | 46.5  | 86.3  |
| 131      | 9.4   | 8.6   | 13.0  |



#59  
Bromoform  
Concen: 5.196 ug/L  
RT: 9.735 min Scan# 2704  
Delta R.T. -0.000 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 17744 |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 46.7  | 39.0  | 58.4  |
| 254      | 8.6   | 7.0   | 10.4  |

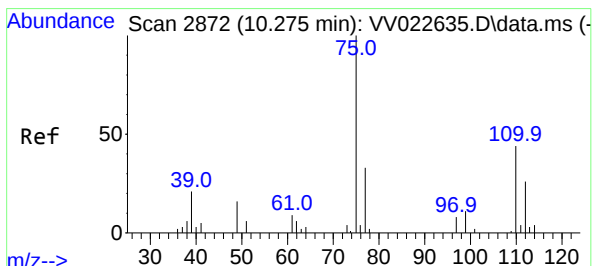
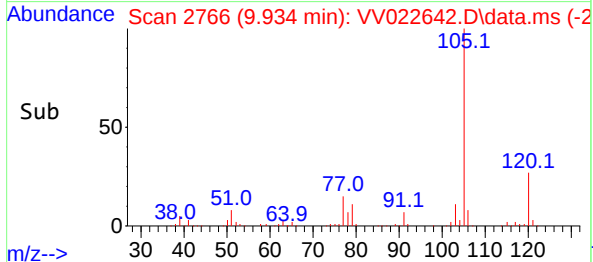
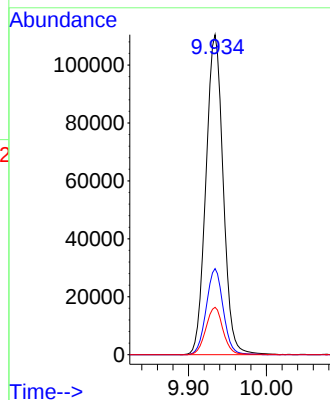
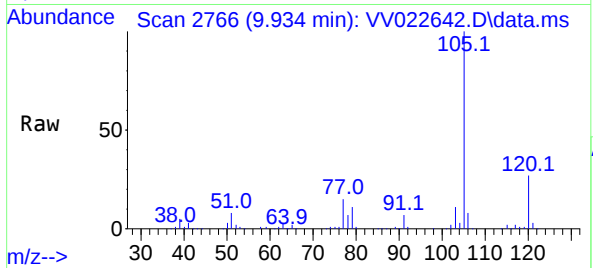




#60  
Isopropylbenzene  
Concen: 5.441 ug/L  
RT: 9.934 min Scan# 2766  
Delta R.T. -0.000 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

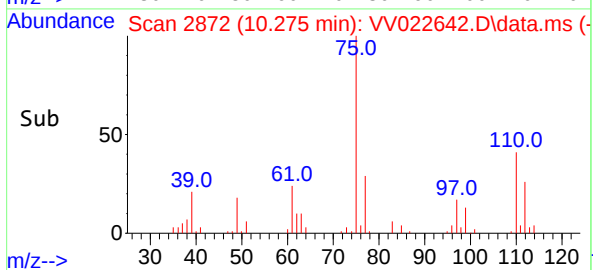
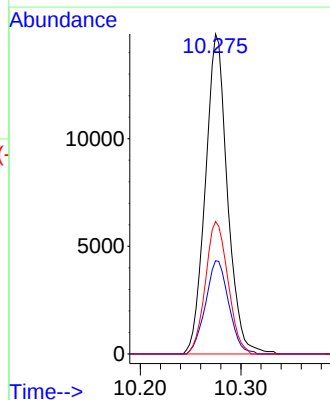
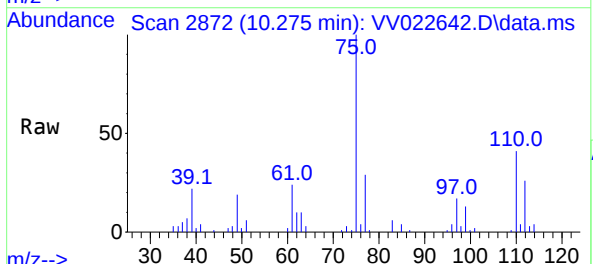
Instrument :  
MSVOA\_V  
ClientSampleId :  
GB7C5MS

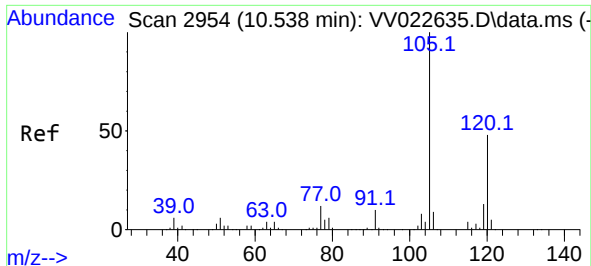
Tgt Ion:105 Resp: 170297  
Ion Ratio Lower Upper  
105 100  
120 26.5 21.6 32.4  
77 14.8 11.8 17.8



#61  
1,2,3-Trichloropropane  
Concen: 5.248 ug/L  
RT: 10.275 min Scan# 2872  
Delta R.T. -0.000 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

Tgt Ion: 75 Resp: 22647  
Ion Ratio Lower Upper  
75 100  
77 30.7 26.1 39.1  
110 42.3 33.0 49.6

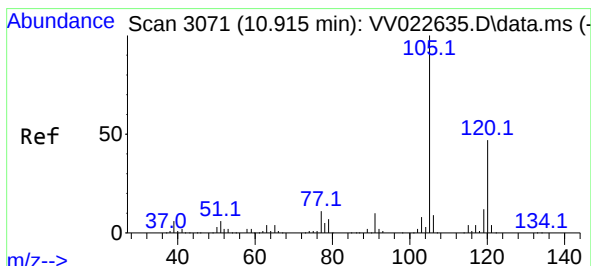
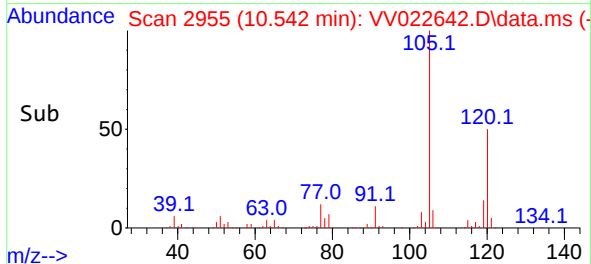
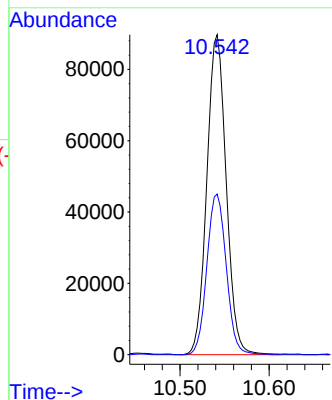
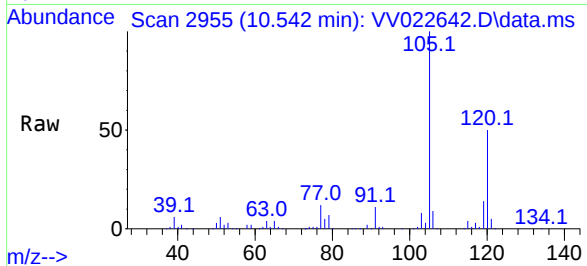




#62  
1,3,5-Trimethylbenzene  
Concen: 5.330 ug/L  
RT: 10.542 min Scan# 2955  
Delta R.T. 0.003 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

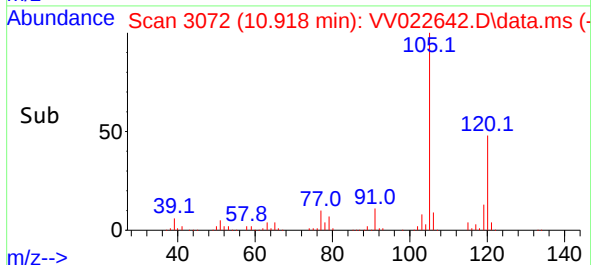
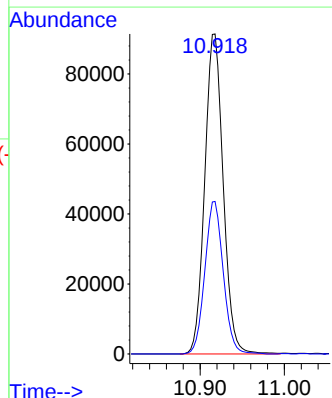
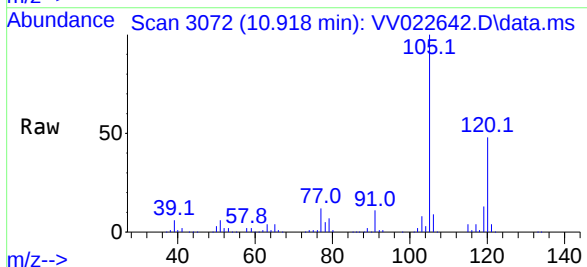
Instrument :  
MSVOA\_V  
ClientSampleId :  
GB7C5MS

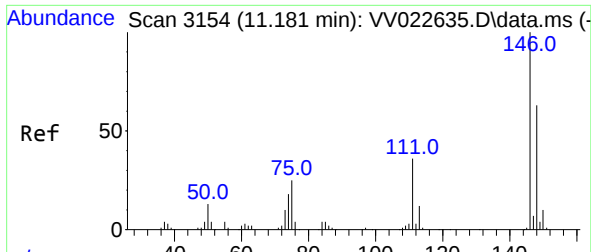
Tgt Ion:105 Resp: 135235  
Ion Ratio Lower Upper  
105 100  
120 50.3 39.7 59.5



#63  
1,2,4-Trimethylbenzene  
Concen: 5.416 ug/L  
RT: 10.918 min Scan# 3072  
Delta R.T. 0.003 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

Tgt Ion:105 Resp: 139609  
Ion Ratio Lower Upper  
105 100  
120 47.6 37.2 55.8

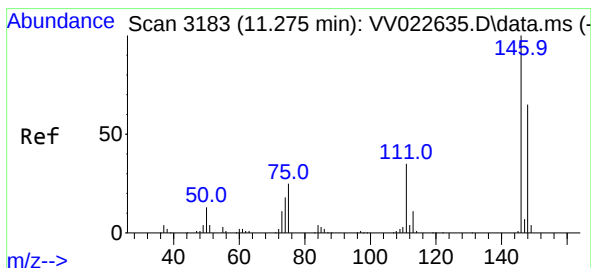
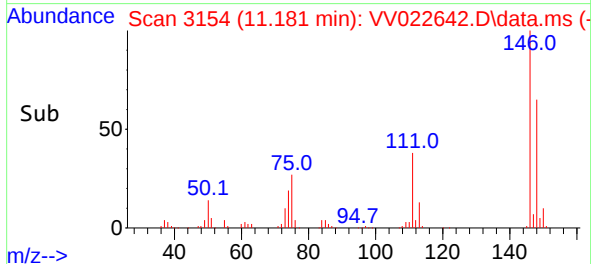
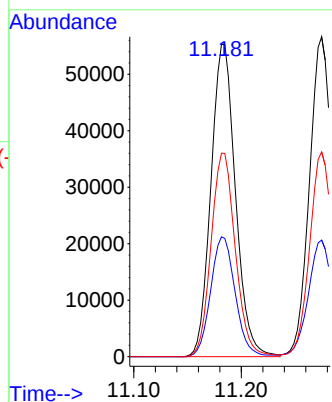
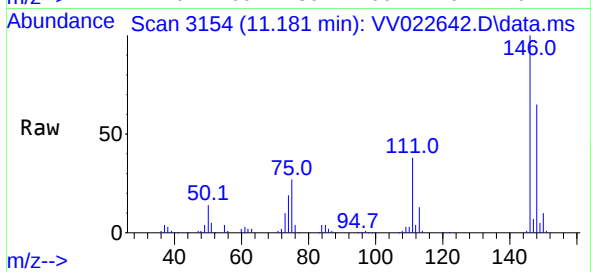




#64  
1,3-Dichlorobenzene  
Concen: 5.465 ug/L  
RT: 11.181 min Scan# 3154  
Delta R.T. -0.000 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

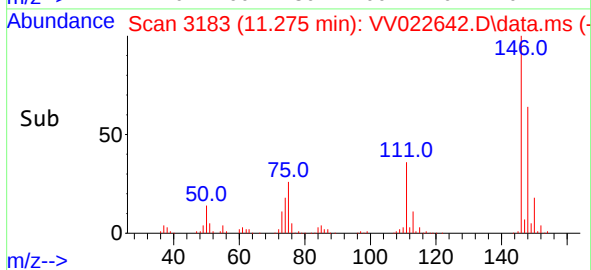
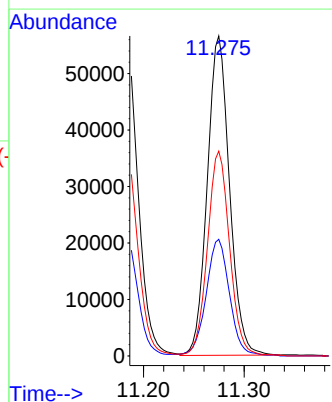
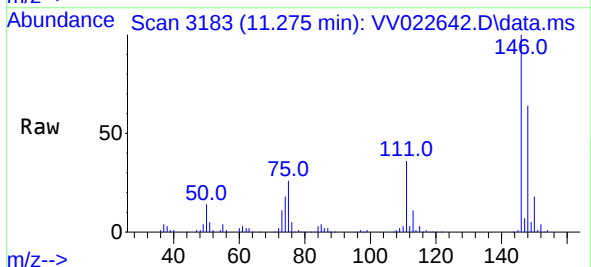
Instrument :  
MSVOA\_V  
ClientSampleId :  
GB7C5MS

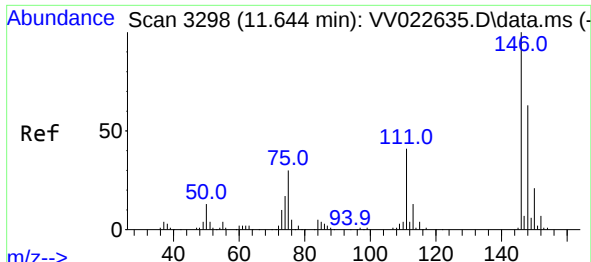
Tgt Ion:146 Resp: 87568  
Ion Ratio Lower Upper  
146 100  
111 38.4 26.8 49.8  
148 65.2 45.6 84.8



#65  
1,4-Dichlorobenzene  
Concen: 5.302 ug/L  
RT: 11.275 min Scan# 3183  
Delta R.T. -0.000 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

Tgt Ion:146 Resp: 86884  
Ion Ratio Lower Upper  
146 100  
111 36.5 24.5 45.5  
148 64.0 45.0 83.6

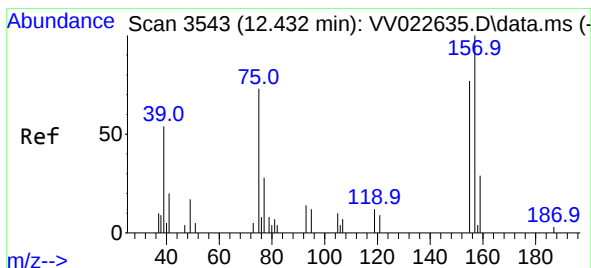
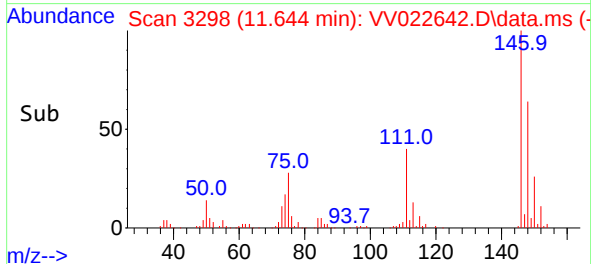
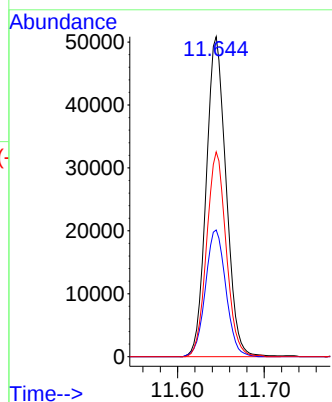
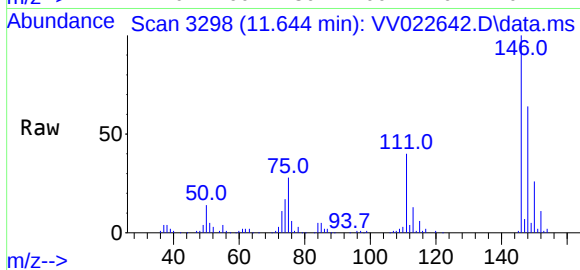




#67  
1,2-Dichlorobenzene  
Concen: 5.429 ug/L  
RT: 11.644 min Scan# 3298  
Delta R.T. -0.000 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

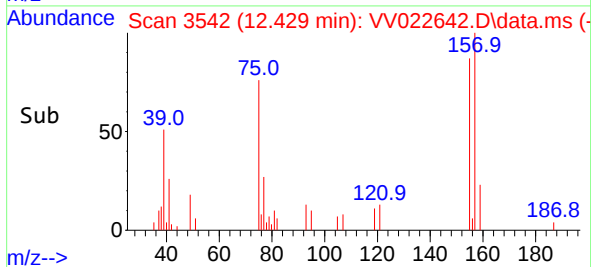
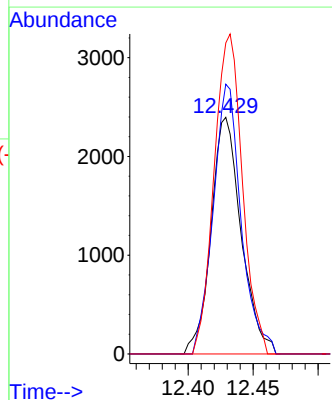
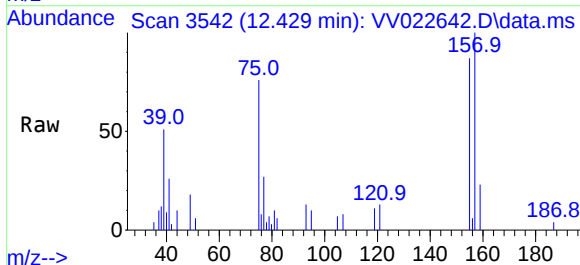
Instrument :  
MSVOA\_V  
ClientSampleId :  
GB7C5MS

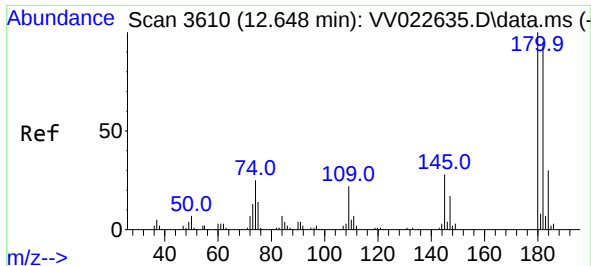
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 81050 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 39.6  | 31.6  | 47.4  |
| 148       | 64.0  | 49.0  | 73.6  |



#68  
1,2-Dibromo-3-chloropropane  
Concen: 4.685 ug/L  
RT: 12.429 min Scan# 3542  
Delta R.T. -0.003 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 3864  |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 114.0 | 77.4  | 116.2 |
| 157       | 131.5 | 104.7 | 157.1 |



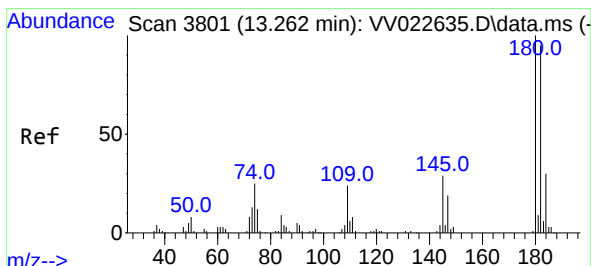
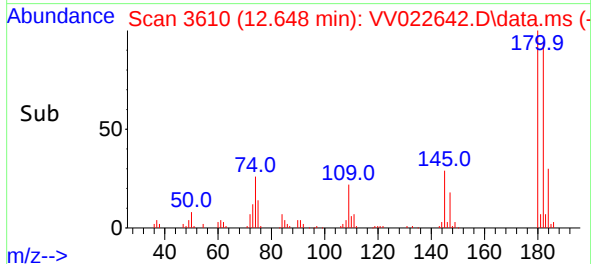
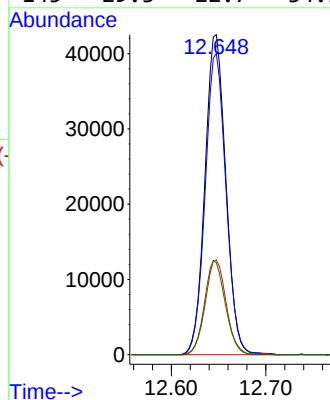
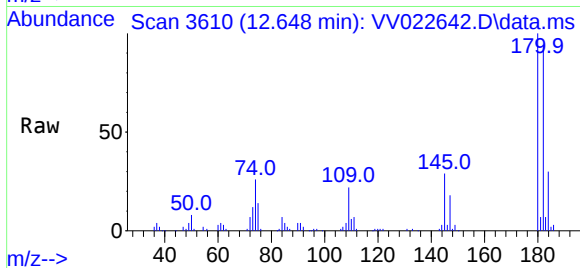


#69  
1,3,5-Trichlorobenzene  
Concen: 5.447 ug/L  
RT: 12.648 min Scan# 3610  
Delta R.T. -0.000 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

Instrument :  
MSVOA\_V  
ClientSampleId :  
GB7C5MS

Tgt Ion:180 Resp: 65340

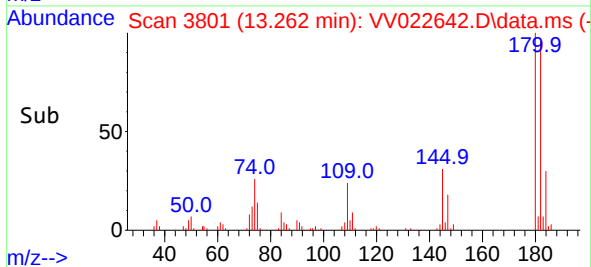
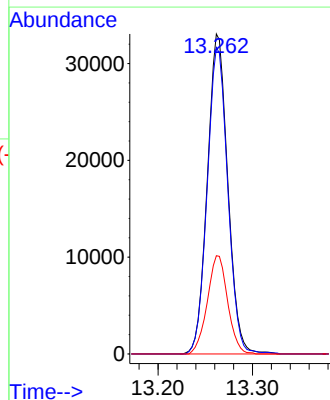
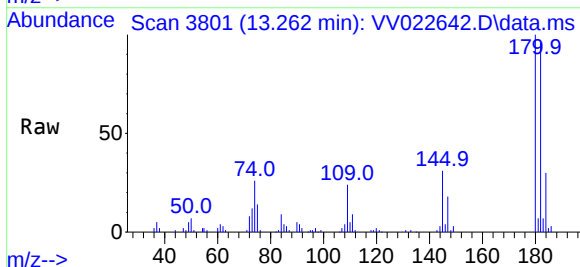
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 94.0  | 77.0  | 115.6 |
| 184 | 29.5  | 25.0  | 37.6  |
| 145 | 29.3  | 22.7  | 34.1  |

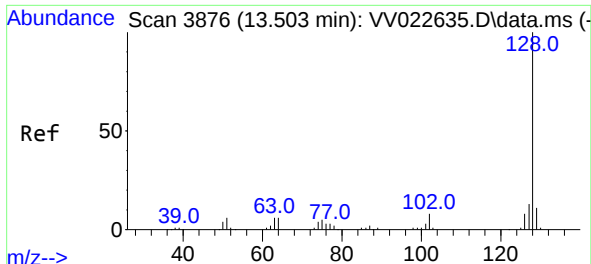


#70  
1,2,4-trichlorobenzene  
Concen: 5.161 ug/L  
RT: 13.262 min Scan# 3801  
Delta R.T. -0.000 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

Tgt Ion:180 Resp: 49685

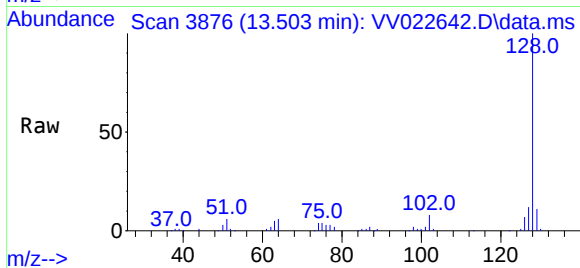
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 96.0  | 77.1  | 115.7 |
| 145 | 30.5  | 22.8  | 34.2  |





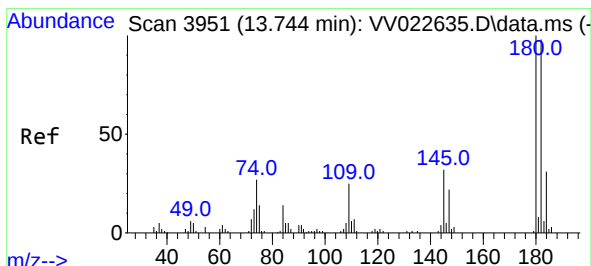
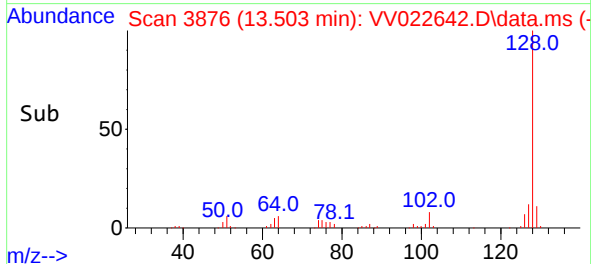
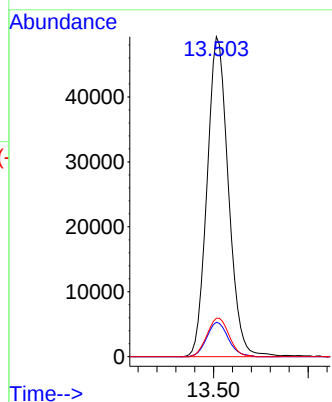
#71  
Naphthalene  
Concen: 4.887 ug/L  
RT: 13.503 min Scan# 3876  
Delta R.T. -0.000 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14

Instrument :  
MSVOA\_V  
ClientSampleId :  
GB7C5MS

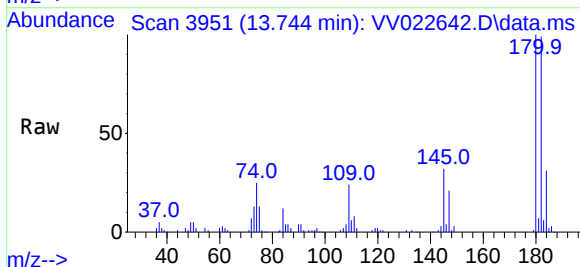


Tgt Ion:128 Resp: 77088

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 129 | 10.9  | 8.3   | 12.5  |
| 127 | 12.5  | 10.2  | 15.4  |



#72  
1,2,3-Trichlorobenzene  
Concen: 5.464 ug/L  
RT: 13.744 min Scan# 3951  
Delta R.T. -0.000 min  
Lab File: VV022642.D  
Acq: 07 Oct 2021 00:14



Tgt Ion:180 Resp: 48336

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.8  | 75.4  | 113.0 |
| 145 | 31.4  | 24.4  | 36.6  |

