

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW091521\  
 Data File : VW020033.D  
 Acq On : 15 Sep 2021 14:42  
 Operator : SY/VA  
 Sample : VSTDCCC025EC  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Sep 16 00:50:19 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM091421SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Sep 16 00:47:26 2021  
 Response via : Initial Calibration

| Compound                      | R.T. QIon |       | Response | Conc     | Units       | Dev(Min) |
|-------------------------------|-----------|-------|----------|----------|-------------|----------|
| Internal Standards            |           |       |          |          |             |          |
| 1) 1,4-Difluorobenzene        | 8.848     | 114   | 308661   | 25.000   | ug/L        | 0.00     |
| 28) Chlorobenzene-d5          | 11.634    | 117   | 291923   | 25.000   | ug/L        | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554    | 152   | 145531   | 25.000   | ug/L        | 0.00     |
| System Monitoring Compounds   |           |       |          |          |             |          |
| 4) Vinyl Chloride-d3          | 2.361     | 65    | 153715   | 30.236   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 30 - 150 | Recovery | = 120.960%  |          |
| 7) Chloroethane-d5            | 2.898     | 69    | 131576   | 30.069   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 30 - 150 | Recovery | = 120.280%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.026     | 63    | 236548   | 28.466   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 45 - 110 | Recovery | = 113.880%# |          |
| 21) 2-Butanone-d5             | 7.086     | 46    | 51368    | 36.935   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 20 - 135 | Recovery | = 73.880%   |          |
| 24) Chloroform-d              | 7.653     | 84    | 239247   | 28.131   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 40 - 150 | Recovery | = 112.520%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.305     | 65    | 132430   | 26.432   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 70 - 130 | Recovery | = 105.720%  |          |
| 32) Benzene-d6                | 8.275     | 84    | 463907   | 29.127   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 20 - 135 | Recovery | = 116.520%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.275     | 67    | 134333   | 28.435   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 70 - 120 | Recovery | = 113.720%  |          |
| 41) Toluene-d8                | 10.323    | 98    | 435553   | 29.174   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 30 - 130 | Recovery | = 116.680%  |          |
| 43) trans-1,3-Dichloroprop... | 10.579    | 79    | 62437    | 28.732   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 30 - 135 | Recovery | = 114.920%  |          |
| 47) 2-Hexanone-d5             | 10.927    | 63    | 42041    | 43.560   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 20 - 135 | Recovery | = 87.120%   |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695    | 84    | 115350   | 24.819   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 45 - 120 | Recovery | = 99.280%   |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853    | 152   | 146374   | 29.513   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 75 - 120 | Recovery | = 118.040%  |          |
| Target Compounds              |           |       |          |          | Qvalue      |          |
| 2) Dichlorodifluoromethane    | 2.014     | 85    | 96209    | 30.061   | ug/L        | 95       |
| 3) Chloromethane              | 2.221     | 50    | 111054   | 25.767   | ug/L        | 99       |
| 5) Vinyl chloride             | 2.367     | 62    | 185310   | 27.483   | ug/L        | 96       |
| 6) Bromomethane               | 2.788     | 94    | 125766   | 26.615   | ug/L        | 100      |
| 8) Chloroethane               | 2.934     | 64    | 117132   | 28.479   | ug/L        | 99       |
| 9) Trichlorofluoromethane     | 3.263     | 101   | 111079   | 28.239   | ug/L        | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.074     | 101   | 123548   | 27.919   | ug/L        | 97       |
| 12) 1,1-Dichloroethene        | 4.044     | 96    | 116524   | 27.818   | ug/L        | 88       |
| 13) Acetone                   | 4.141     | 43    | 46740    | 35.388   | ug/L        | 95       |
| 14) Carbon disulfide          | 4.391     | 76    | 380568   | 27.822   | ug/L        | 99       |
| 15) Methyl Acetate            | 4.684     | 43    | 43859    | 19.040   | ug/L        | 100      |
| 16) Methylene chloride        | 4.922     | 84    | 125388   | 23.054   | ug/L        | 98       |
| 17) trans-1,2-Dichloroethene  | 5.428     | 96    | 121261   | 27.477   | ug/L        | 96       |
| 18) Methyl tert-butyl Ether   | 5.434     | 73    | 143322   | 26.004   | ug/L        | 99       |
| 19) 1,1-Dichloroethane        | 6.220     | 63    | 212220   | 26.883   | ug/L        | 99       |
| 20) cis-1,2-Dichloroethene    | 7.177     | 96    | 123146   | 27.024   | ug/L        | 97       |
| 22) 2-Butanone                | 7.177     | 43    | 60758    | 36.707   | ug/L        | 100      |
| 23) Bromochloromethane        | 7.513     | 128   | 54560    | 25.858   | ug/L        | 95       |
| 25) Chloroform                | 7.677     | 83    | 223132   | 26.908   | ug/L        | 99       |

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 ALS Vial : 1 Sample Multiplier: 1

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 ClientSampleId :

Quant Time: Sep 16 00:50:19 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM091421SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Sep 16 00:47:26 2021  
 Response via : Initial Calibration

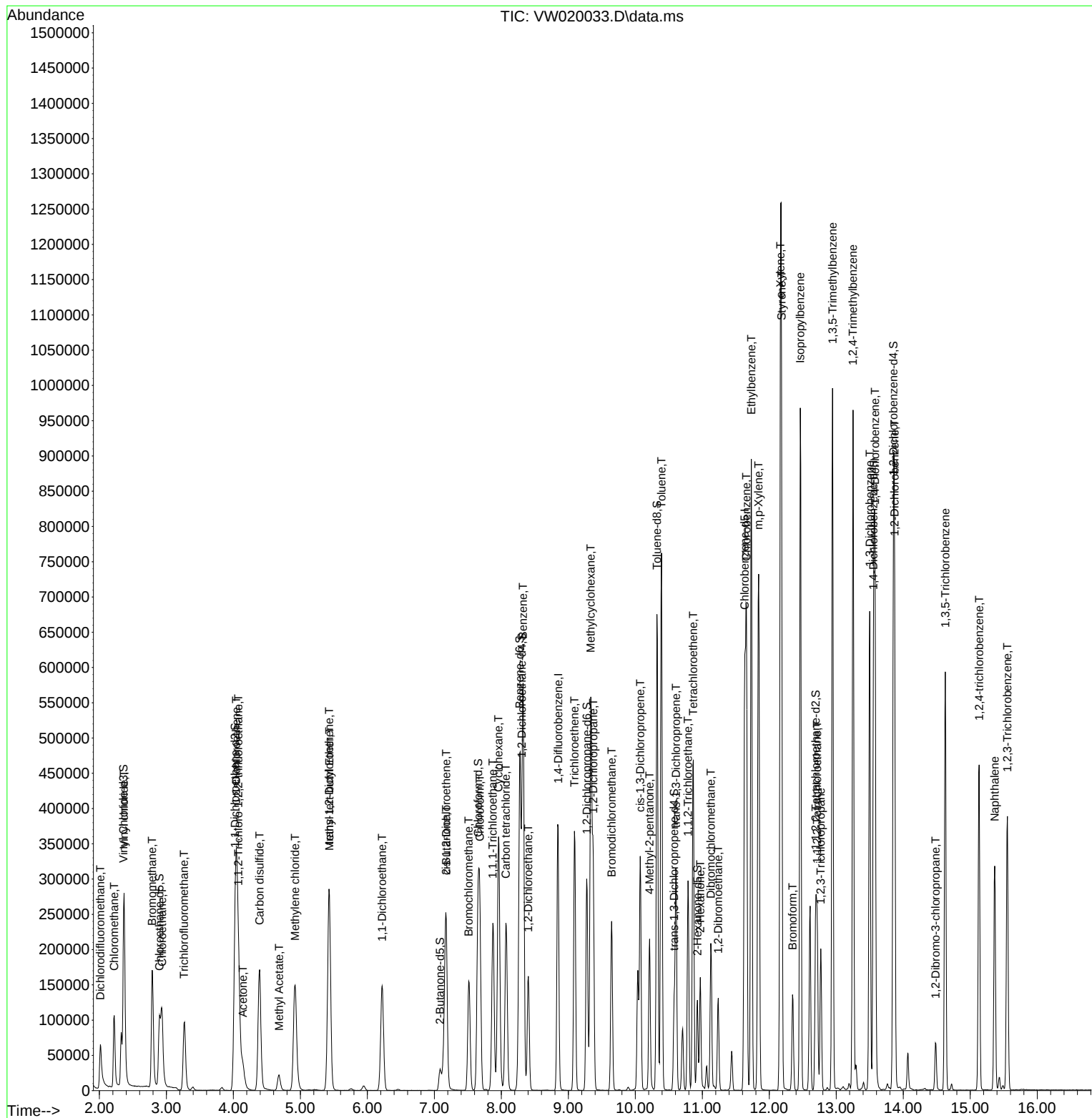
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 8.403  | 62   | 148977   | 25.678 | ug/L  | 98       |
| 29) Cyclohexane               | 7.958  | 56   | 191405   | 29.123 | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97   | 190843   | 27.893 | ug/L  | 99       |
| 31) Carbon tetrachloride      | 8.067  | 117  | 177765   | 27.850 | ug/L  | 99       |
| 33) Benzene                   | 8.324  | 78   | 491944   | 27.994 | ug/L  | 100      |
| 34) Trichloroethene           | 9.092  | 95   | 127721   | 27.449 | ug/L  | 94       |
| 35) Methylcyclohexane         | 9.336  | 83   | 224924   | 28.666 | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 9.372  | 63   | 119187   | 28.018 | ug/L  | 100      |
| 38) Bromodichloromethane      | 9.646  | 83   | 158389   | 27.602 | ug/L  | 98       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 183351   | 28.555 | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 10.213 | 43   | 132012   | 43.504 | ug/L  | 99       |
| 42) Toluene                   | 10.390 | 91   | 547795   | 29.220 | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 10.610 | 75   | 170184   | 27.991 | ug/L  | 99       |
| 45) 1,1,2-Trichloroethane     | 10.787 | 97   | 88049    | 25.878 | ug/L  | 96       |
| 46) Tetrachloroethene         | 10.866 | 164  | 101785   | 28.271 | ug/L  | 96       |
| 48) 2-Hexanone                | 10.969 | 43   | 94655    | 43.516 | ug/L  | 98       |
| 49) Dibromochloromethane      | 11.128 | 129  | 103994   | 26.599 | ug/L  | 92       |
| 50) 1,2-Dibromoethane         | 11.238 | 107  | 83657    | 25.000 | ug/L  | 97       |
| 51) Chlorobenzene             | 11.658 | 112  | 337191   | 27.743 | ug/L  | 99       |
| 52) Ethylbenzene              | 11.731 | 91   | 604867   | 29.541 | ug/L  | 98       |
| 53) m,p-Xylene                | 11.841 | 106  | 232642   | 29.864 | ug/L  | 97       |
| 54) o-Xylene                  | 12.164 | 106  | 217631   | 29.603 | ug/L  | 91       |
| 55) Styrene                   | 12.183 | 104  | 381968   | 30.218 | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 109198   | 24.489 | ug/L  | 99       |
| 59) Bromoform                 | 12.347 | 173  | 59147    | 26.855 | ug/L  | 98       |
| 60) Isopropylbenzene          | 12.463 | 105  | 599416   | 31.053 | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 80581    | 23.679 | ug/L  | 97       |
| 62) 1,3,5-Trimethylbenzene    | 12.945 | 105  | 497561   | 31.685 | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 488771   | 31.699 | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 255553   | 28.791 | ug/L  | 95       |
| 65) 1,4-Dichlorobenzene       | 13.579 | 146  | 265259   | 29.322 | ug/L  | 95       |
| 67) 1,2-Dichlorobenzene       | 13.871 | 146  | 234463   | 28.985 | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 17117    | 20.848 | ug/L  | 98       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 174372   | 28.402 | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 15.133 | 180  | 138549   | 28.819 | ug/L  | 99       |
| 71) Naphthalene               | 15.365 | 128  | 262872   | 25.587 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 122210   | 27.082 | ug/L  | 98       |

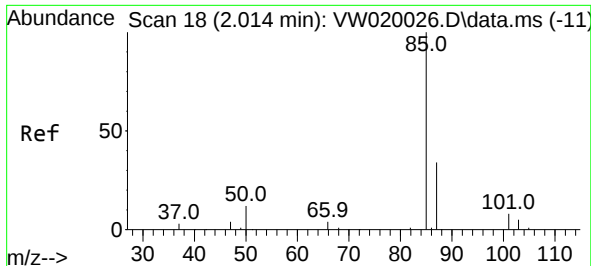
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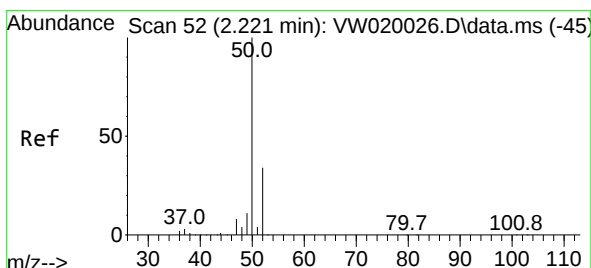
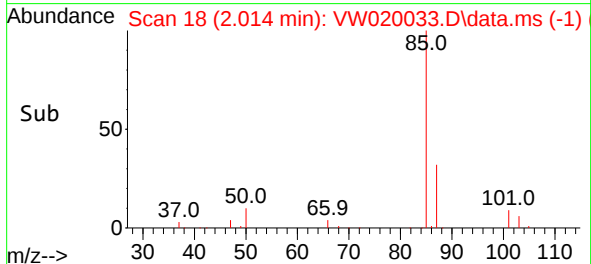
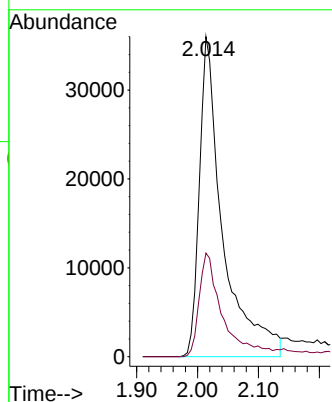
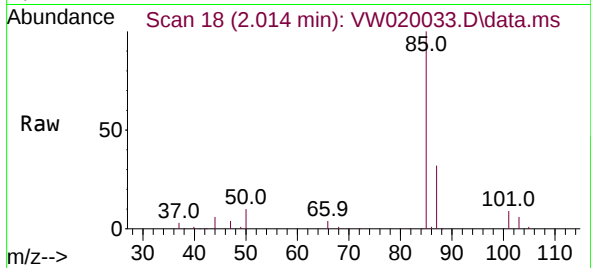




#2  
Dichlorodifluoromethane  
Concen: 30.061 ug/L  
RT: 2.014 min Scan# 18  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

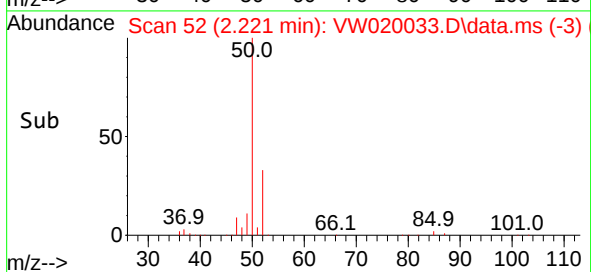
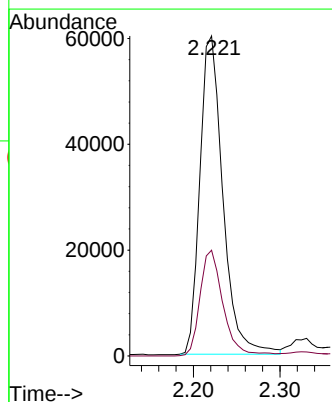
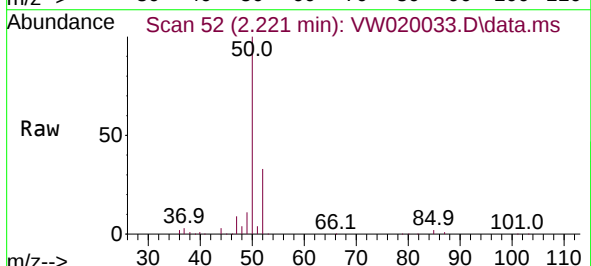
Instrument :  
MSVOA\_W  
ClientSampled :

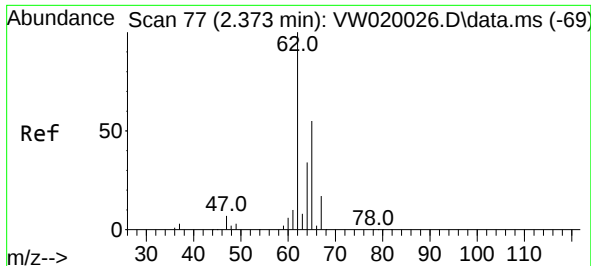
Tgt Ion: 85 Resp: 96209  
Ion Ratio Lower Upper  
85 100  
87 31.6 23.3 34.9



#3  
Chloromethane  
Concen: 25.767 ug/L  
RT: 2.221 min Scan# 52  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

Tgt Ion: 50 Resp: 111054  
Ion Ratio Lower Upper  
50 100  
52 33.0 22.5 41.9

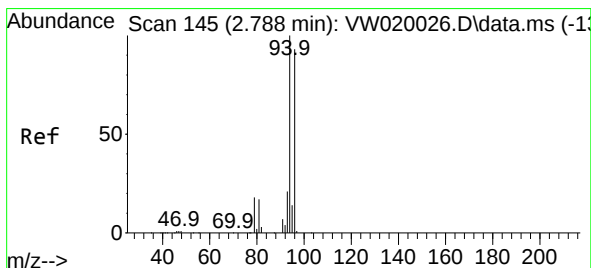
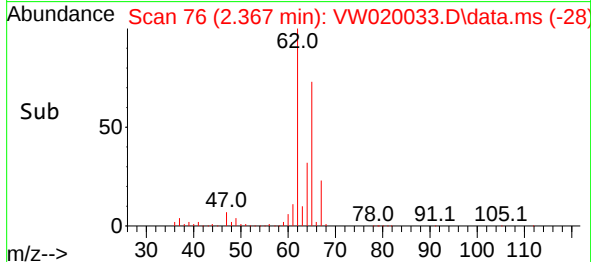
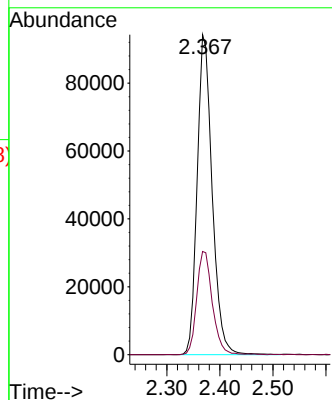
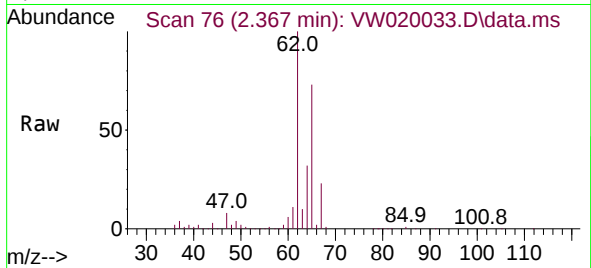




#5  
 Vinyl chloride  
 Concen: 27.483 ug/L  
 RT: 2.367 min Scan# 76  
 Delta R.T. -0.006 min  
 Lab File: VW020033.D  
 Acq: 15 Sep 2021 14:42

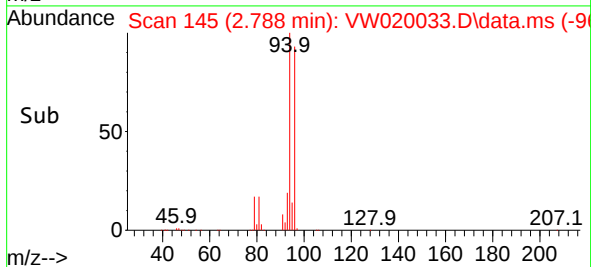
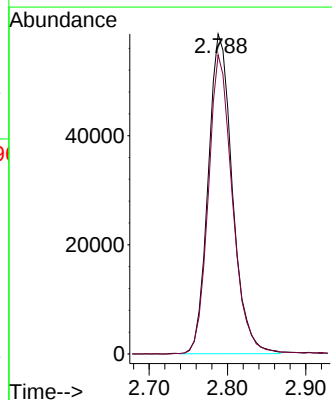
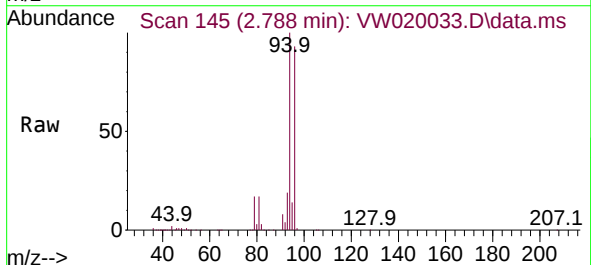
Instrument :  
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 ClientSampled :

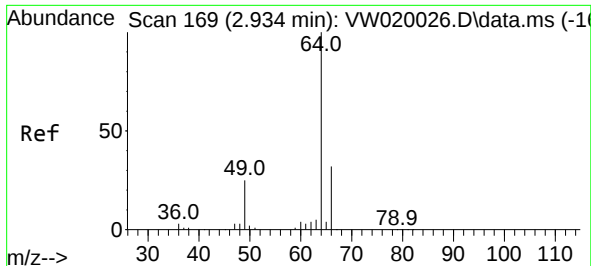
Tgt Ion: 62 Resp: 185310  
 Ion Ratio Lower Upper  
 62 100  
 64 32.3 24.2 45.0



#6  
 Bromomethane  
 Concen: 26.615 ug/L  
 RT: 2.788 min Scan# 145  
 Delta R.T. -0.000 min  
 Lab File: VW020033.D  
 Acq: 15 Sep 2021 14:42

Tgt Ion: 94 Resp: 125766  
 Ion Ratio Lower Upper  
 94 100  
 96 93.5 65.3 121.3

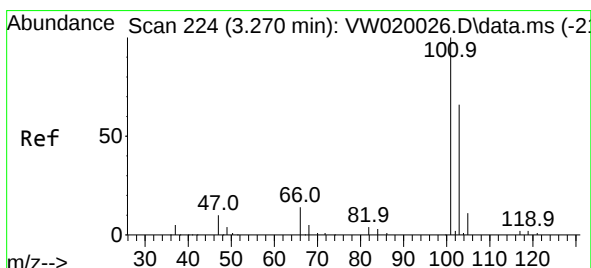
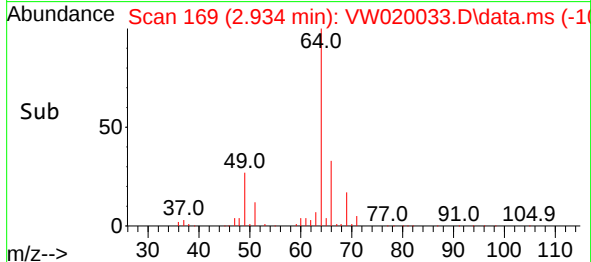
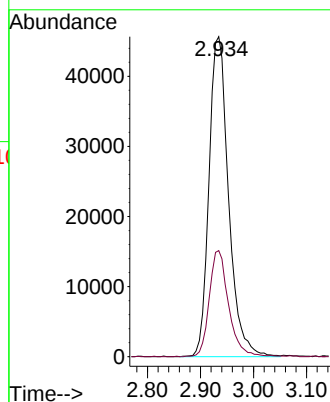
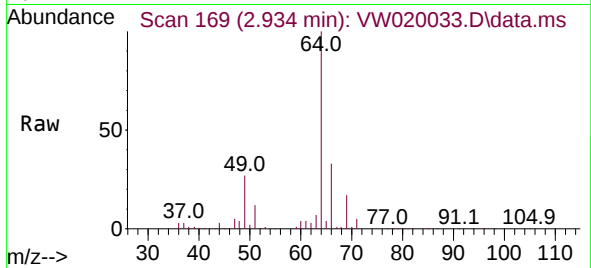




#8  
Chloroethane  
Concen: 28.479 ug/L  
RT: 2.934 min Scan# 169  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

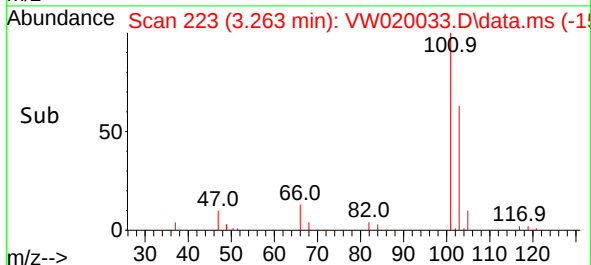
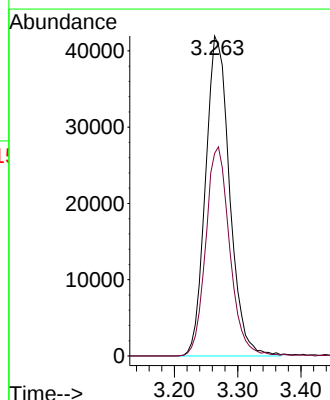
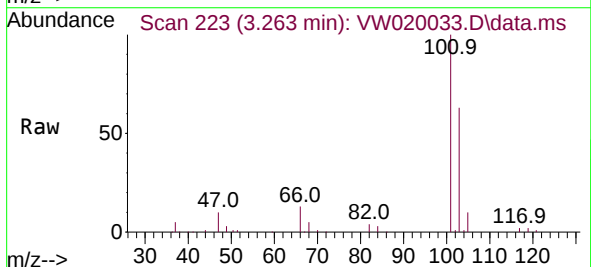
Instrument :  
MSVOA\_W  
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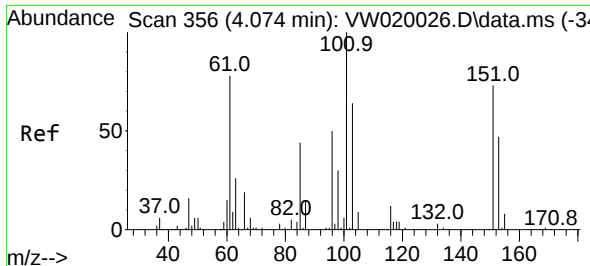
Tgt Ion: 64 Resp: 117132  
Ion Ratio Lower Upper  
64 100  
66 33.1 23.4 43.6



#9  
Trichlorofluoromethane  
Concen: 28.239 ug/L  
RT: 3.263 min Scan# 223  
Delta R.T. -0.006 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

Tgt Ion:101 Resp: 111079  
Ion Ratio Lower Upper  
101 100  
103 65.0 51.0 76.4

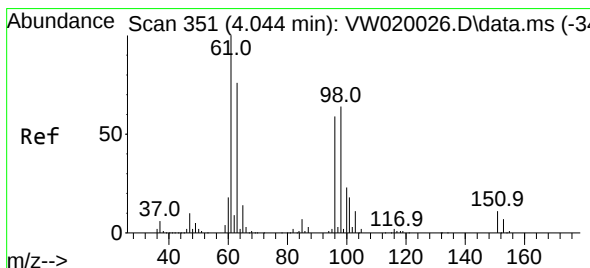
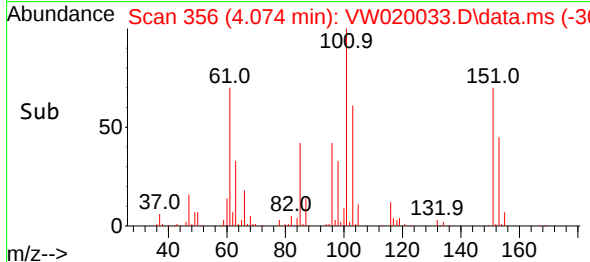
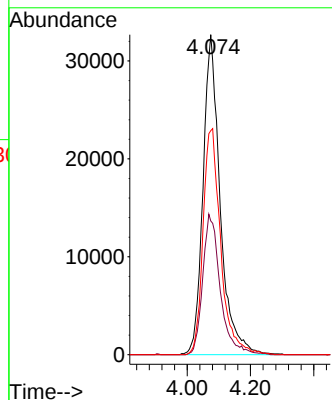
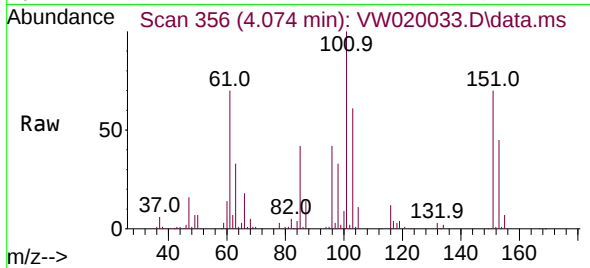




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 27.919 ug/L  
 RT: 4.074 min Scan# 356  
 Delta R.T. -0.000 min  
 Lab File: VW020033.D  
 Acq: 15 Sep 2021 14:42

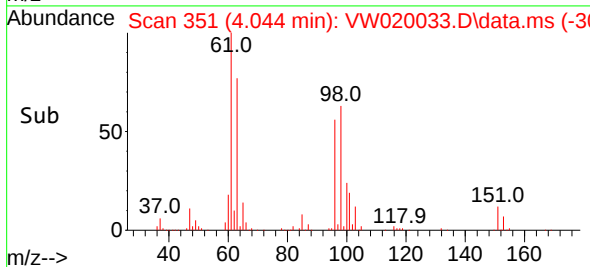
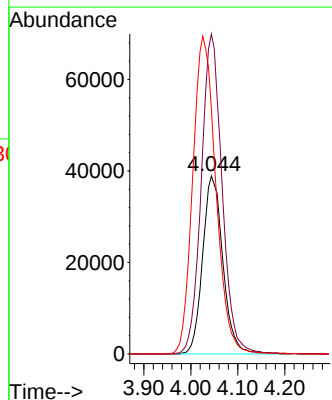
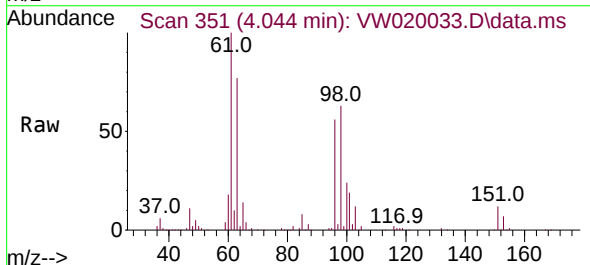
Instrument :  
 MSVOA\_W  
 ClientSampleId :

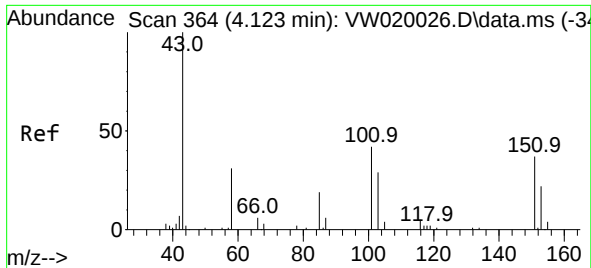
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 Ion Ratio Lower Upper  
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 85 43.6 38.2 57.2  
 151 72.1 56.6 85.0



#12  
 1,1-Dichloroethene  
 Concen: 27.818 ug/L  
 RT: 4.044 min Scan# 351  
 Delta R.T. -0.000 min  
 Lab File: VW020033.D  
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Tgt Ion: 96 Resp: 116524  
 Ion Ratio Lower Upper  
 96 100  
 61 179.9 118.1 219.3  
 63 137.9 83.7 155.5

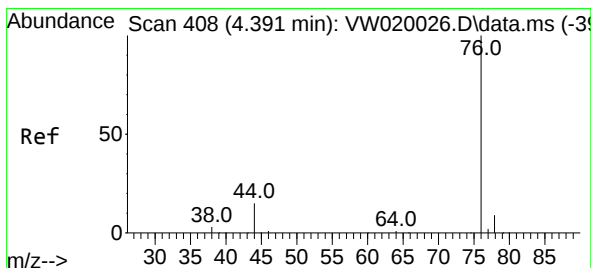
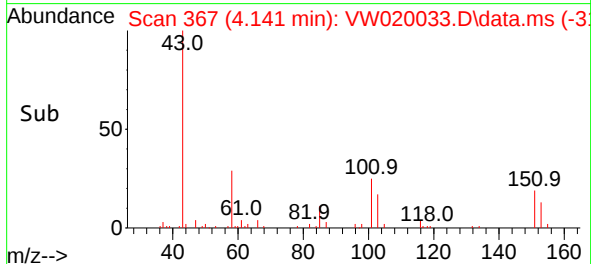
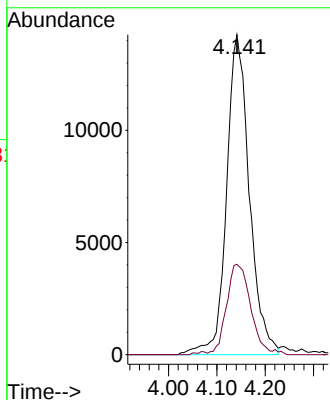
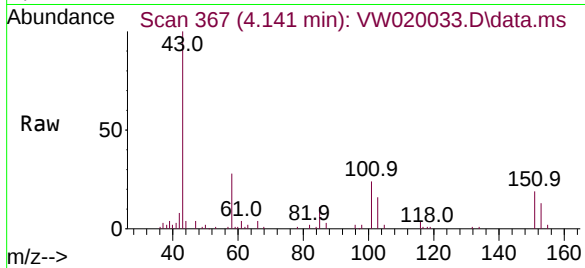




#13  
Acetone  
Concen: 35.388 ug/L  
RT: 4.141 min Scan# 367  
Delta R.T. 0.018 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

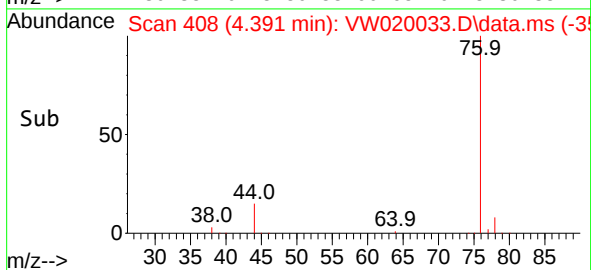
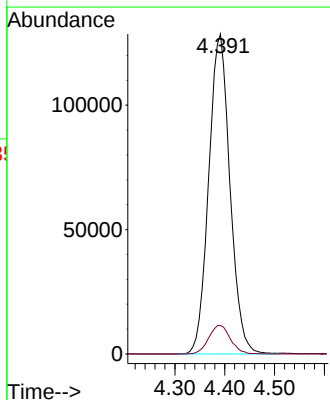
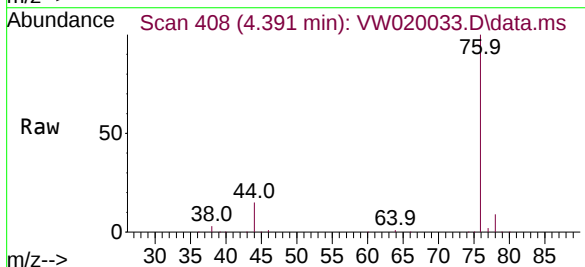
Instrument :  
MSVOA\_W  
ClientSampled :

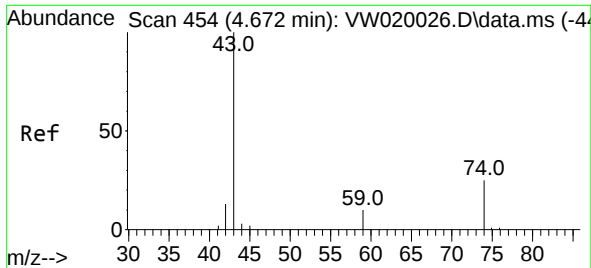
Tgt Ion: 43 Resp: 46740  
Ion Ratio Lower Upper  
43 100  
58 29.5 0.0 53.8



#14  
Carbon disulfide  
Concen: 27.822 ug/L  
RT: 4.391 min Scan# 408  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

Tgt Ion: 76 Resp: 380568  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.4 11.0

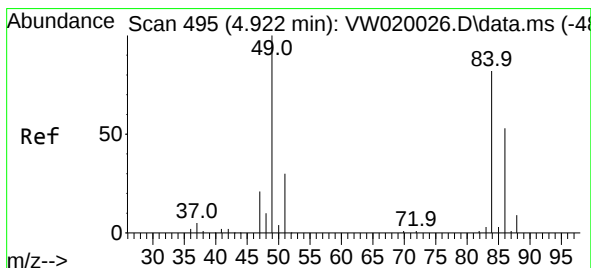
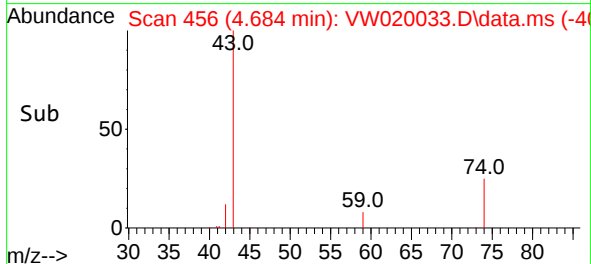
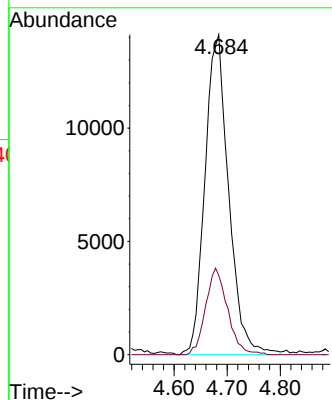
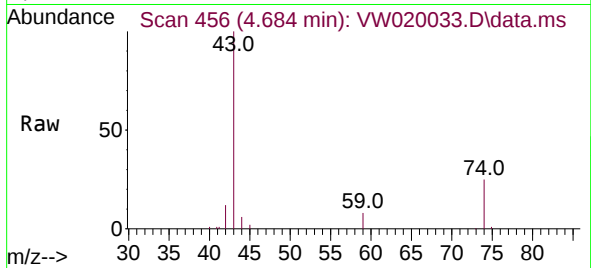




#15  
Methyl Acetate  
Concen: 19.040 ug/L  
RT: 4.684 min Scan# 456  
Delta R.T. 0.012 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

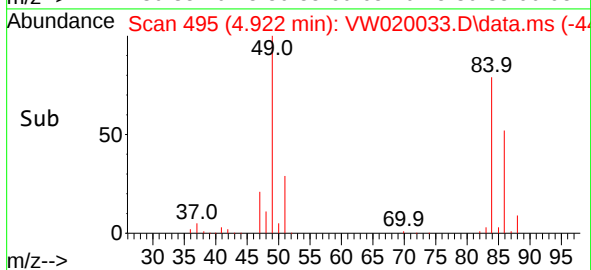
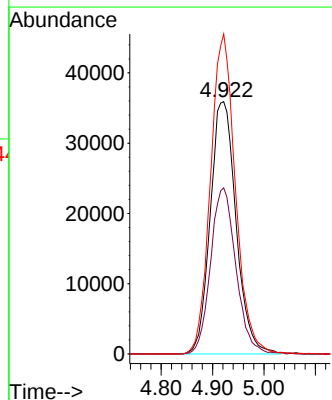
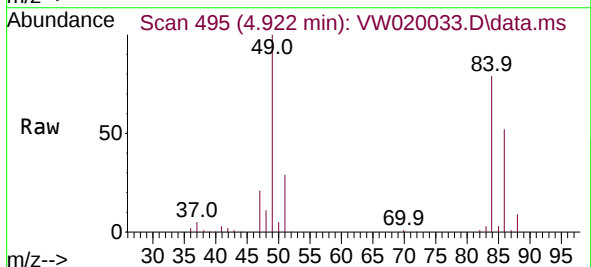
Instrument :  
MSVOA\_W  
ClientSampled :

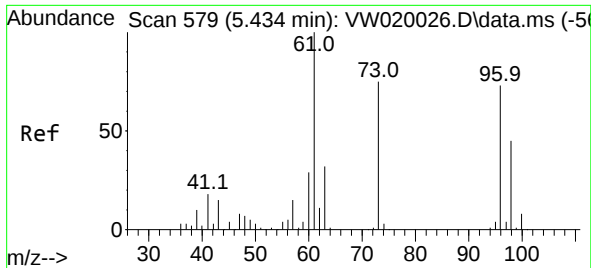
Tgt Ion: 43 Resp: 43859  
Ion Ratio Lower Upper  
43 100  
74 25.0 20.0 30.0



#16  
Methylene chloride  
Concen: 23.054 ug/L  
RT: 4.922 min Scan# 495  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

Tgt Ion: 84 Resp: 125388  
Ion Ratio Lower Upper  
84 100  
86 65.8 45.3 84.1  
49 126.8 86.6 160.8

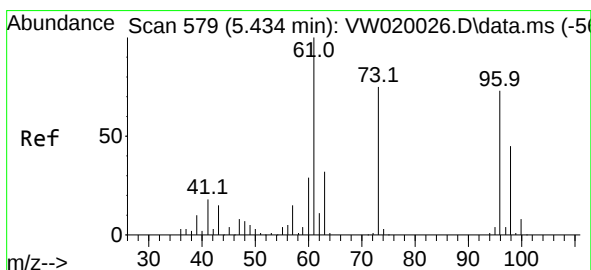
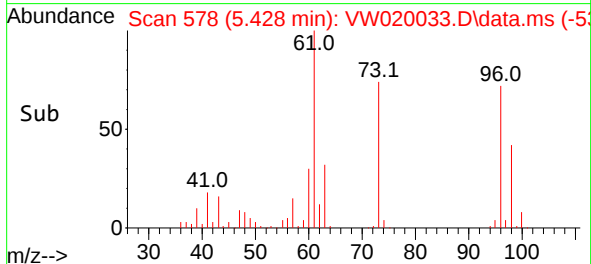
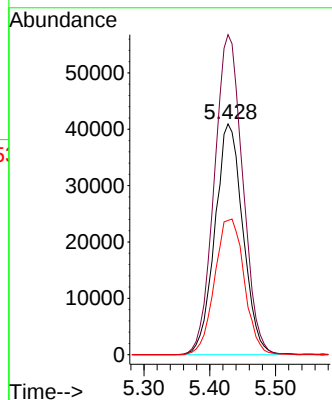
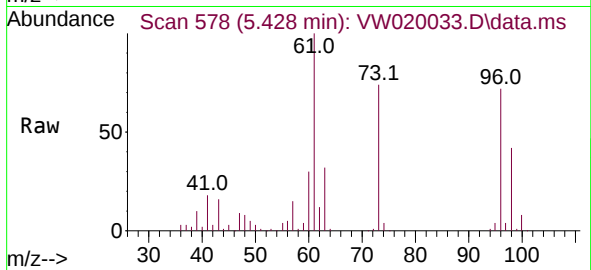




#17  
trans-1,2-Dichloroethene  
Concen: 27.477 ug/L  
RT: 5.428 min Scan# 578  
Delta R.T. -0.006 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

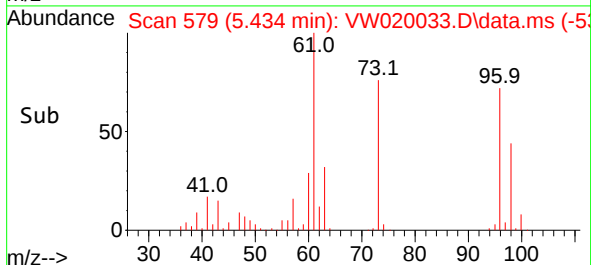
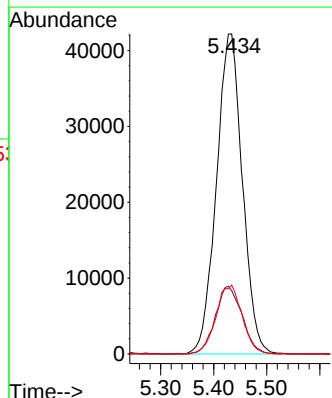
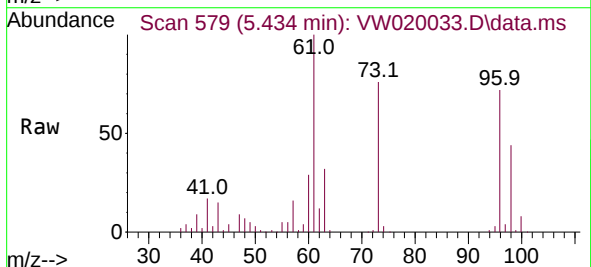
Instrument :  
MSVOA\_W  
ClientSampled :

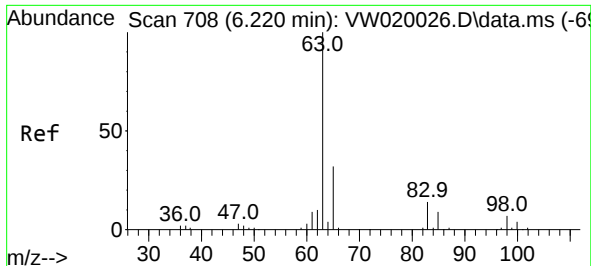
Tgt Ion: 96 Resp: 121261  
Ion Ratio Lower Upper  
96 100  
61 138.7 98.3 182.7  
98 58.2 46.1 85.7



#18  
Methyl tert-butyl Ether  
Concen: 26.004 ug/L  
RT: 5.434 min Scan# 579  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

Tgt Ion: 73 Resp: 143322  
Ion Ratio Lower Upper  
73 100  
43 21.8 17.7 26.5  
57 21.7 17.0 25.4





#19

1,1-Dichloroethane

Concen: 26.883 ug/L

RT: 6.220 min Scan# 708

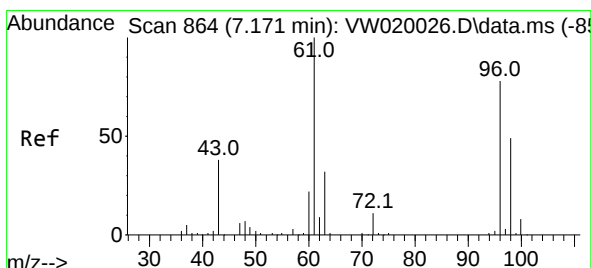
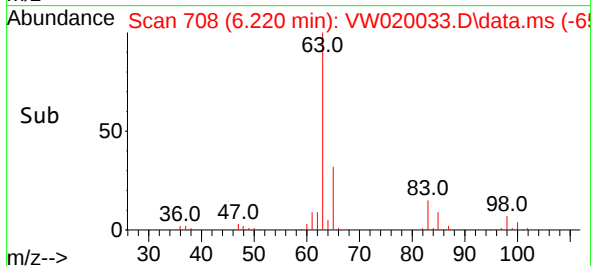
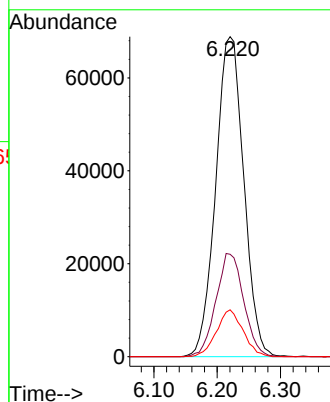
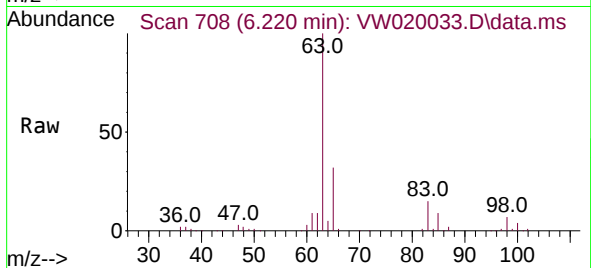
Delta R.T. -0.000 min

Lab File: VW020033.D

Acq: 15 Sep 2021 14:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 63    | Resp: | 212220 |
| Ion      | Ratio | Lower | Upper  |
| 63       | 100   |       |        |
| 65       | 32.0  | 22.9  | 42.5   |
| 83       | 14.7  | 10.2  | 19.0   |

Instrument :  
MSVOA\_W  
ClientSampleId :



#20

cis-1,2-Dichloroethene

Concen: 27.024 ug/L

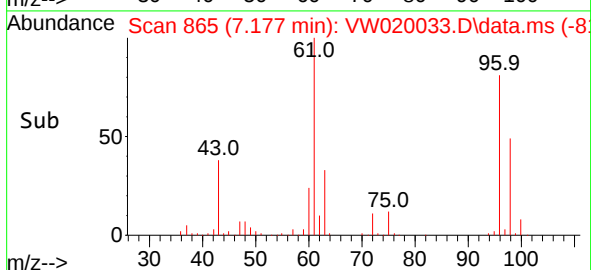
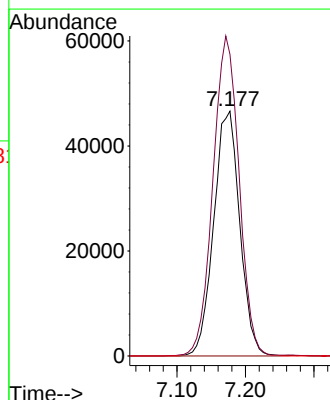
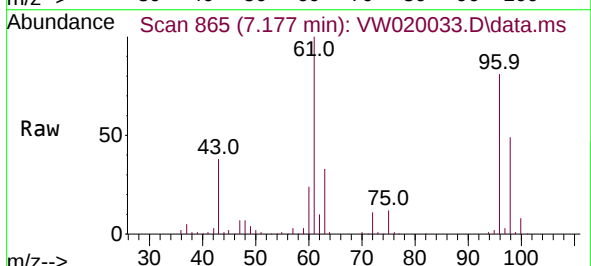
RT: 7.177 min Scan# 865

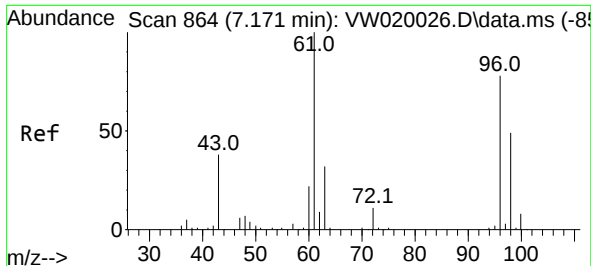
Delta R.T. 0.006 min

Lab File: VW020033.D

Acq: 15 Sep 2021 14:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 123146 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 123.2 | 88.5  | 164.3  |
| 68       | 0.0   | 0.0   | 0.0    |

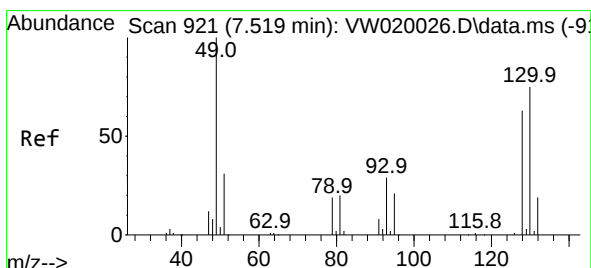
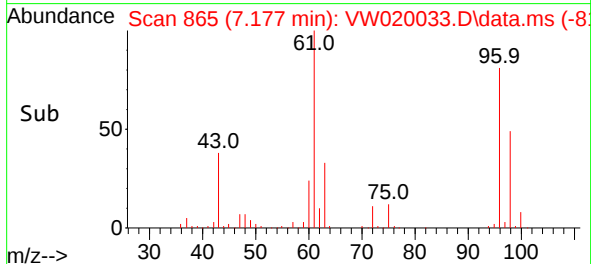
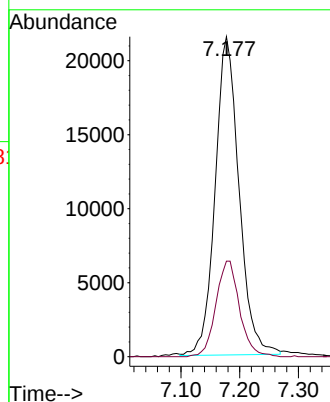
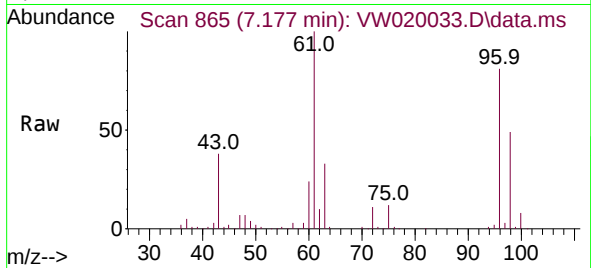




#22  
2-Butanone  
Concen: 36.707 ug/L  
RT: 7.177 min Scan# 865  
Delta R.T. 0.006 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

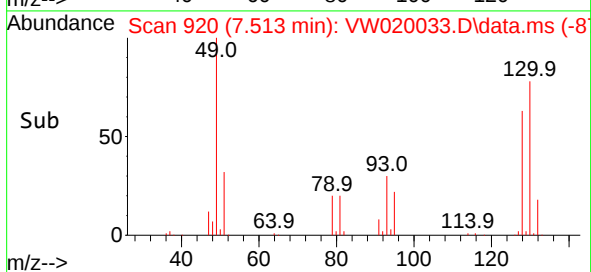
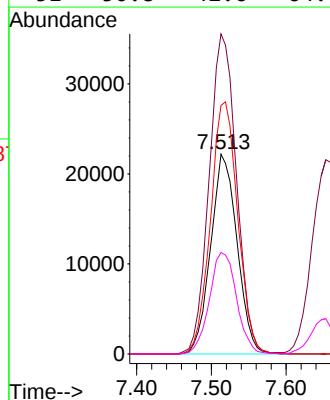
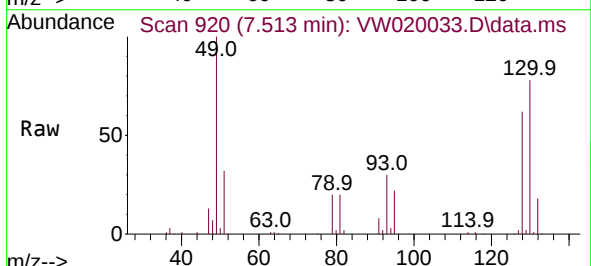
Instrument :  
MSVOA\_W  
ClientSampled :

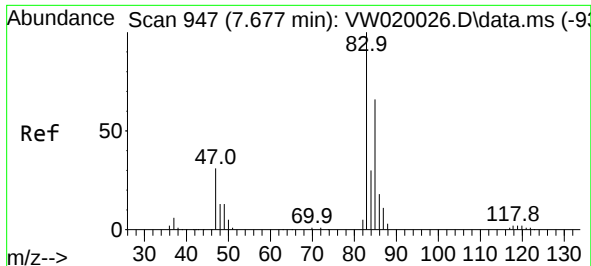
Tgt Ion: 43 Resp: 60758  
Ion Ratio Lower Upper  
43 100  
72 29.7 14.9 44.7



#23  
Bromochloromethane  
Concen: 25.858 ug/L  
RT: 7.513 min Scan# 920  
Delta R.T. -0.006 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

Tgt Ion: 128 Resp: 54560  
Ion Ratio Lower Upper  
128 100  
49 160.2 116.3 215.9  
130 124.5 82.4 153.0  
51 50.8 42.6 64.0

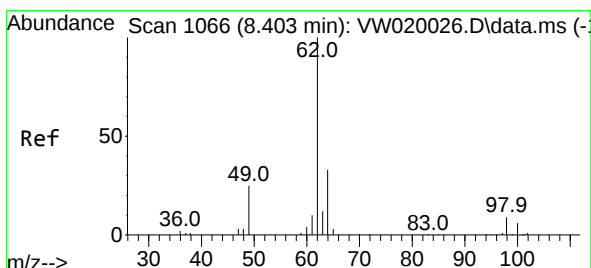
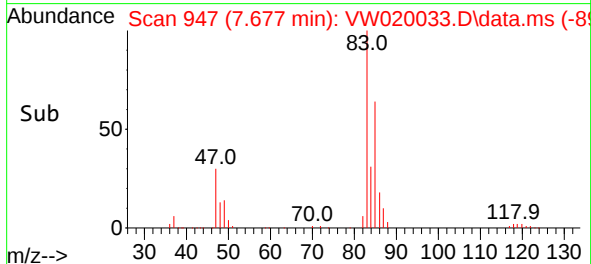
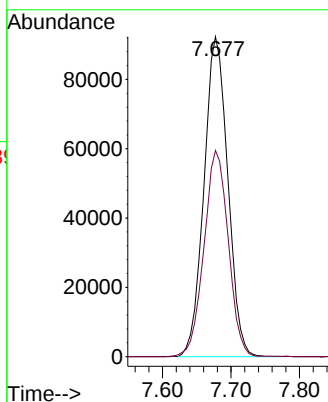
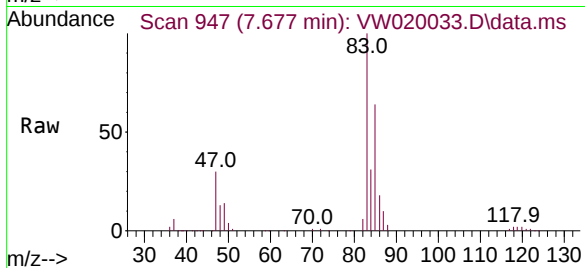




#25  
Chloroform  
Concen: 26.908 ug/L  
RT: 7.677 min Scan# 947  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

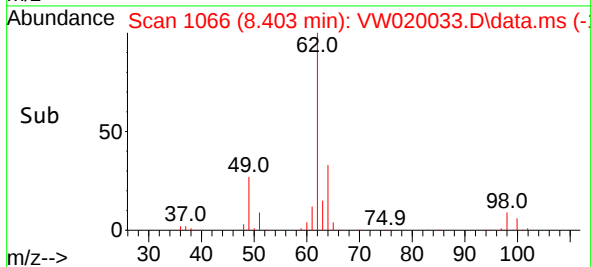
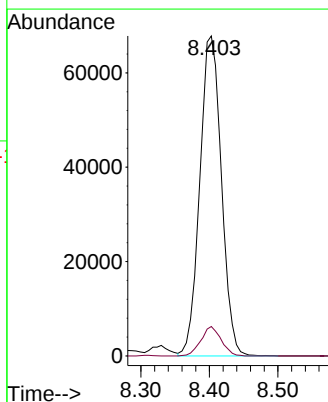
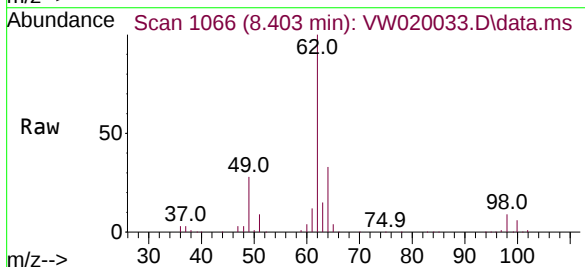
Instrument :  
MSVOA\_W  
ClientSampled :

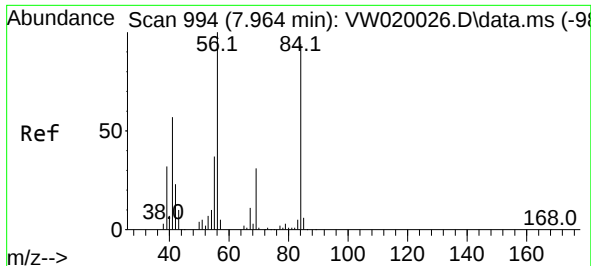
Tgt Ion: 83 Resp: 223132  
Ion Ratio Lower Upper  
83 100  
85 64.5 44.6 82.8



#27  
1,2-Dichloroethane  
Concen: 25.678 ug/L  
RT: 8.403 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

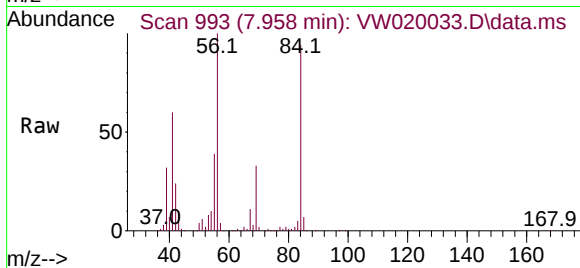
Tgt Ion: 62 Resp: 148977  
Ion Ratio Lower Upper  
62 100  
98 9.2 6.9 10.3



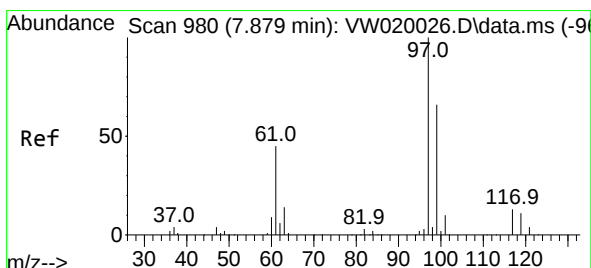
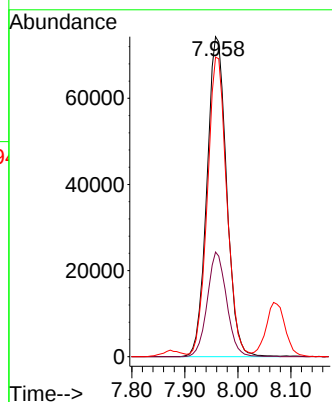
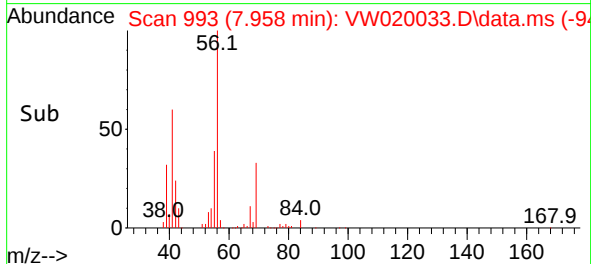


#29  
Cyclohexane  
Concen: 29.123 ug/L  
RT: 7.958 min Scan# 993  
Delta R.T. -0.006 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

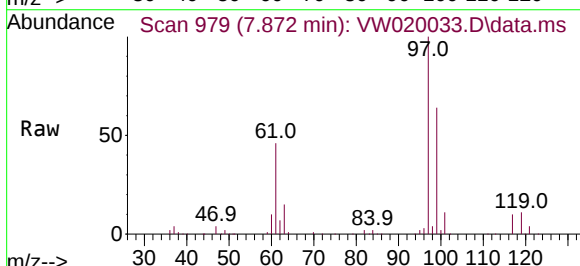
Instrument :  
MSVOA\_W  
ClientSampleId :



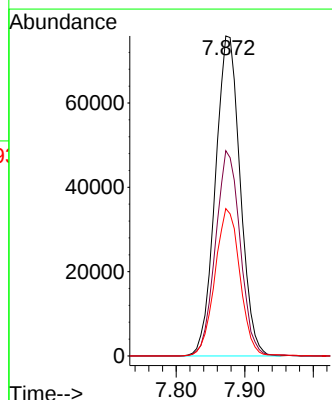
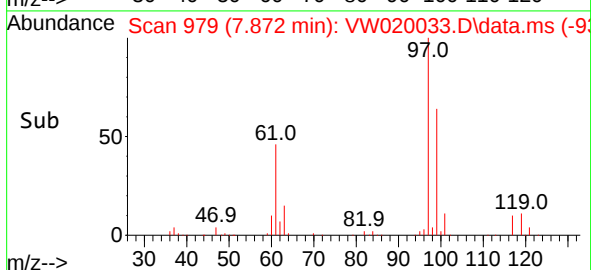
Tgt Ion: 56 Resp: 191405  
Ion Ratio Lower Upper  
56 100  
69 32.1 24.5 36.7  
84 92.8 75.0 112.4

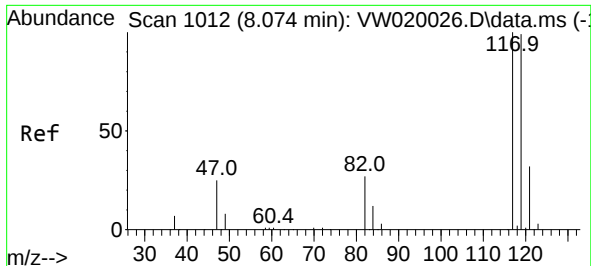


#30  
1,1,1-Trichloroethane  
Concen: 27.893 ug/L  
RT: 7.872 min Scan# 979  
Delta R.T. -0.006 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42



Tgt Ion: 97 Resp: 190843  
Ion Ratio Lower Upper  
97 100  
99 63.7 51.4 77.2  
61 46.3 37.8 56.6

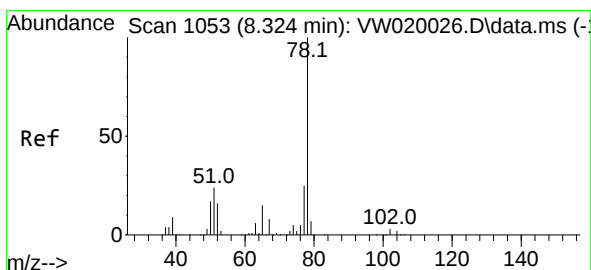
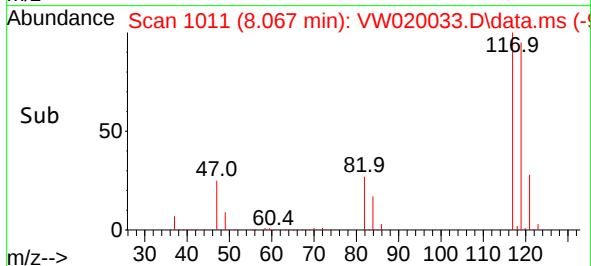
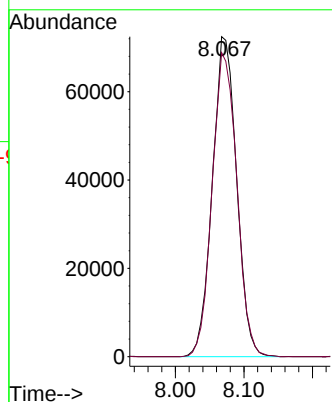
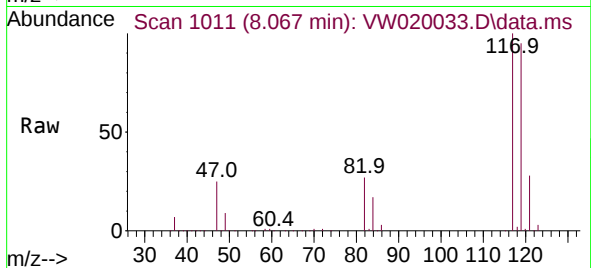




#31  
Carbon tetrachloride  
Concen: 27.850 ug/L  
RT: 8.067 min Scan# 1011  
Delta R.T. -0.006 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

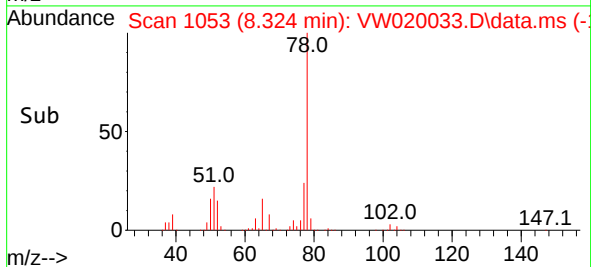
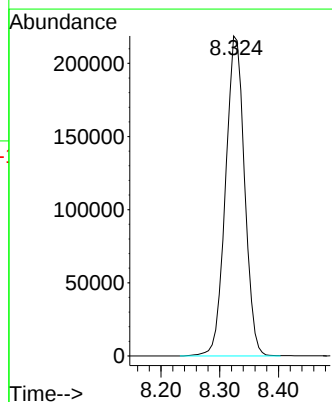
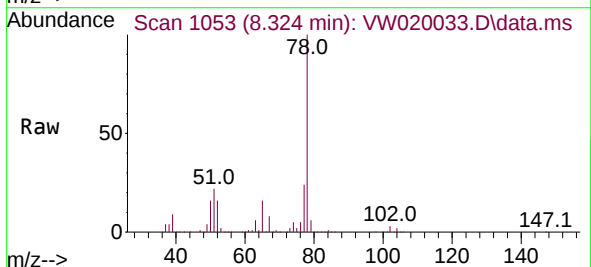
Instrument :  
MSVOA\_W  
ClientSampleId :

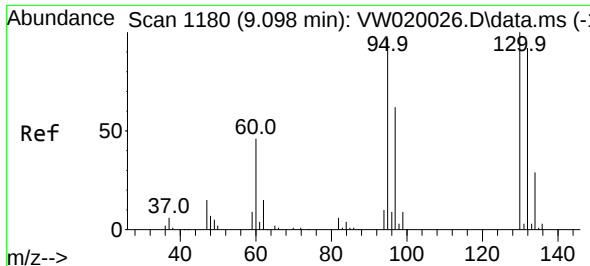
Tgt Ion:117 Resp: 177765  
Ion Ratio Lower Upper  
117 100  
119 96.9 76.5 114.7



#33  
Benzene  
Concen: 27.994 ug/L  
RT: 8.324 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

Tgt Ion: 78 Resp: 491944

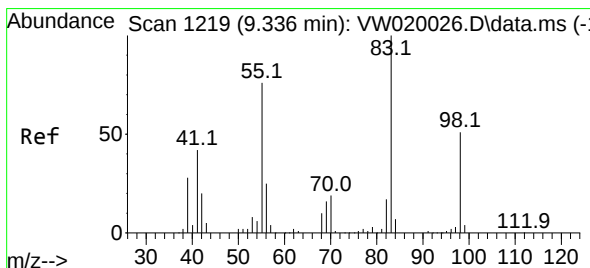
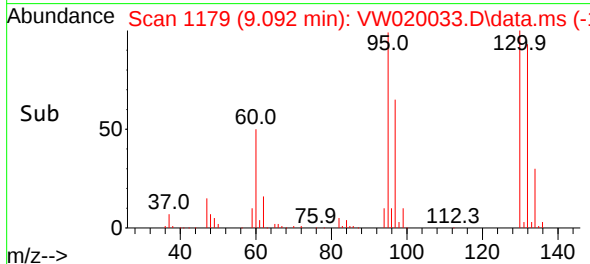
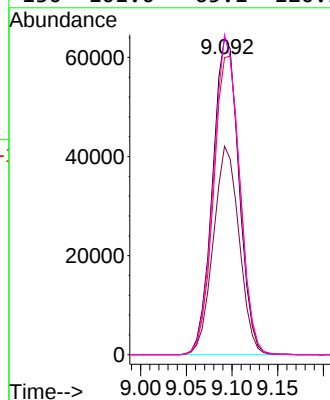
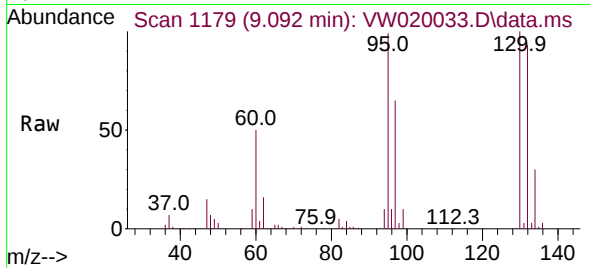




#34  
Trichloroethene  
Concen: 27.449 ug/L  
RT: 9.092 min Scan# 1179  
Delta R.T. -0.006 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

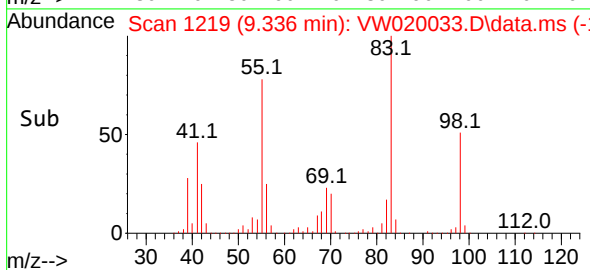
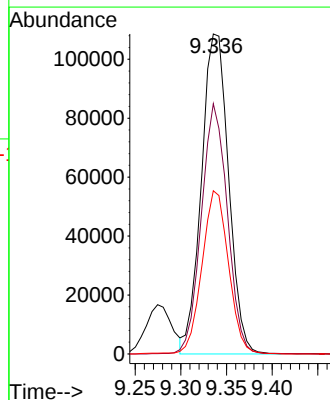
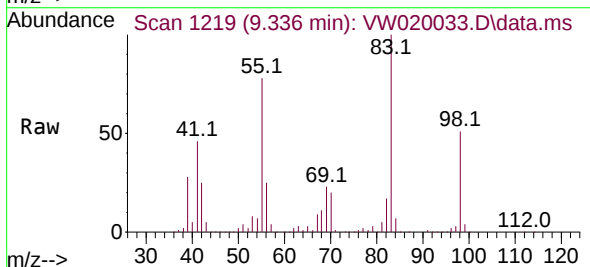
Instrument :  
MSVOA\_W  
ClientSampleId :

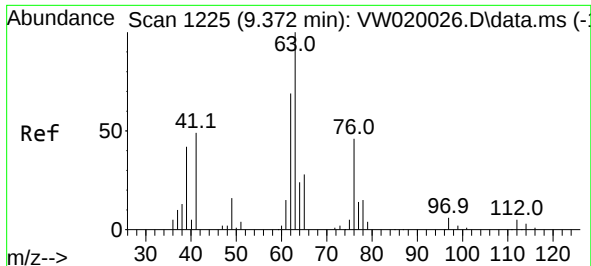
Tgt Ion: 95 Resp: 127721  
Ion Ratio Lower Upper  
95 100  
97 65.9 47.3 87.8  
132 93.7 71.0 131.8  
130 101.0 65.1 120.9



#35  
Methylcyclohexane  
Concen: 28.666 ug/L  
RT: 9.336 min Scan# 1219  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

Tgt Ion: 83 Resp: 224924  
Ion Ratio Lower Upper  
83 100  
55 74.9 58.9 88.3  
98 49.6 40.1 60.1

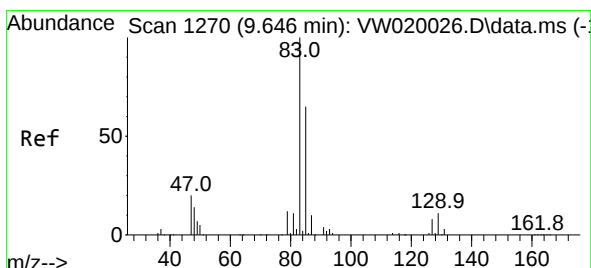
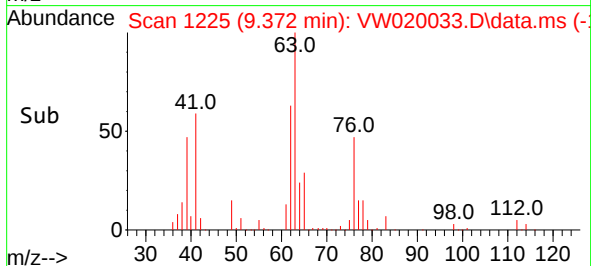
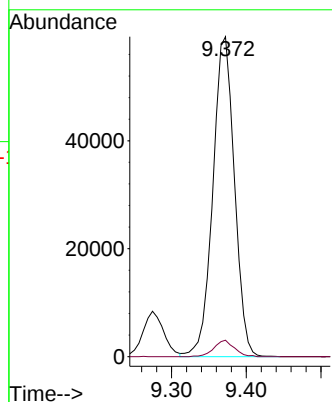
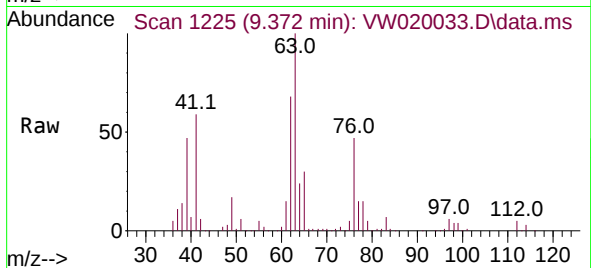




#37  
1,2-Dichloropropane  
Concen: 28.018 ug/L  
RT: 9.372 min Scan# 1225  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

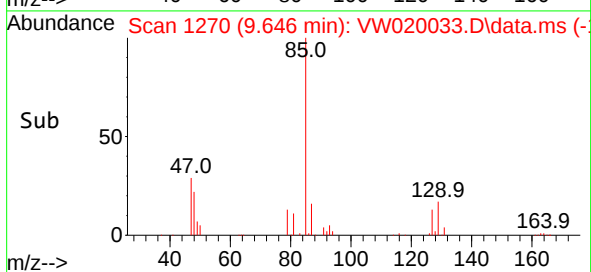
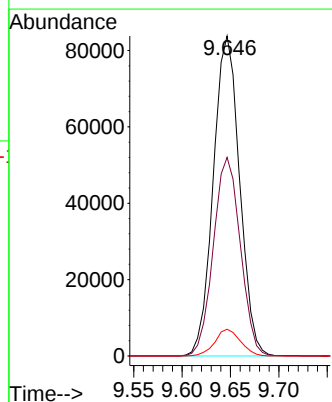
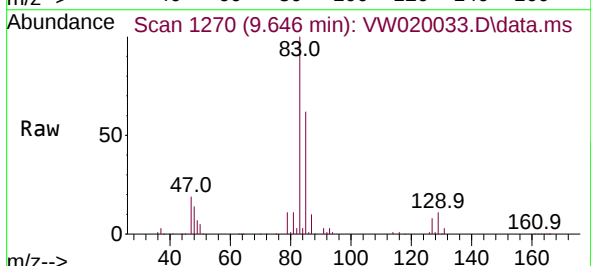
Instrument :  
MSVOA\_W  
ClientSampled :

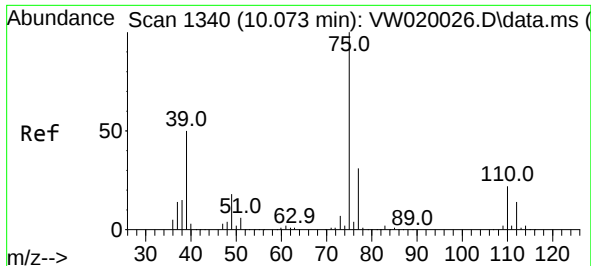
Tgt Ion: 63 Resp: 119187  
Ion Ratio Lower Upper  
63 100  
112 4.9 3.9 5.9



#38  
Bromodichloromethane  
Concen: 27.602 ug/L  
RT: 9.646 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

Tgt Ion: 83 Resp: 158389  
Ion Ratio Lower Upper  
83 100  
85 62.0 42.3 78.5  
127 8.3 6.6 9.8

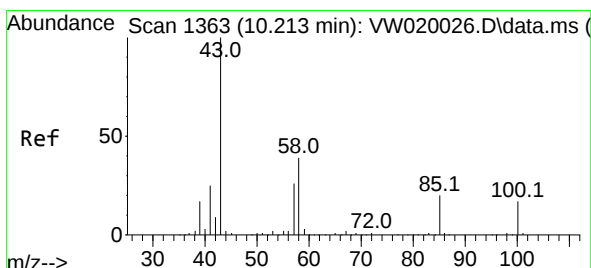
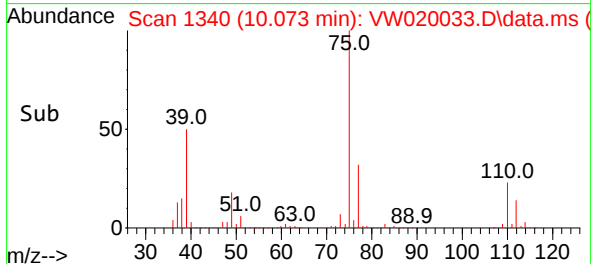
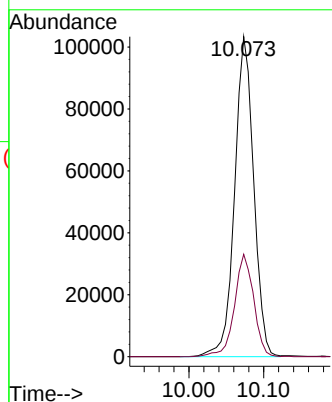
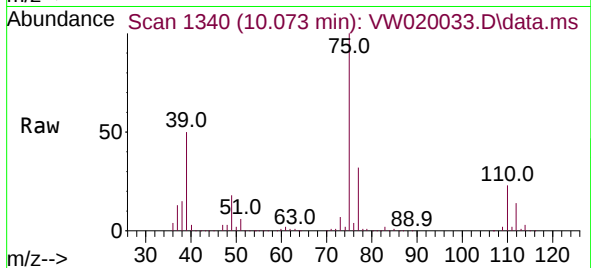




#39  
cis-1,3-Dichloropropene  
Concen: 28.555 ug/L  
RT: 10.073 min Scan# 1340  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

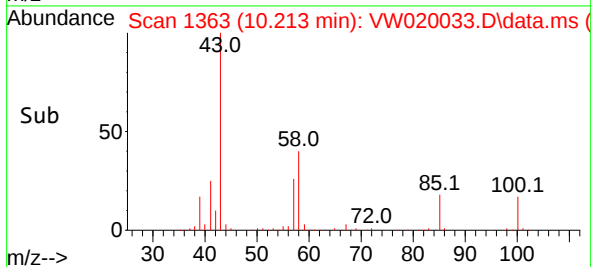
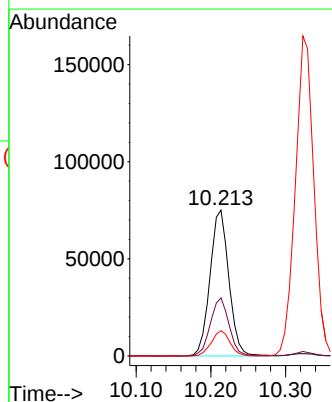
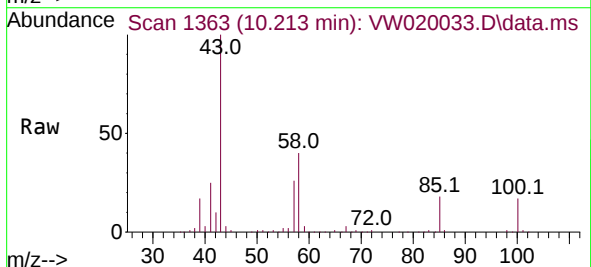
Instrument :  
MSVOA\_W  
ClientSampled :

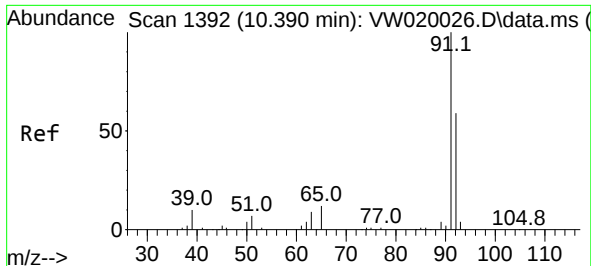
Tgt Ion: 75 Resp: 183351  
Ion Ratio Lower Upper  
75 100  
77 32.0 22.6 42.0



#40  
4-Methyl-2-pentanone  
Concen: 43.504 ug/L  
RT: 10.213 min Scan# 1363  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

Tgt Ion: 43 Resp: 132012  
Ion Ratio Lower Upper  
43 100  
58 39.3 31.0 46.4  
100 16.9 13.0 19.6

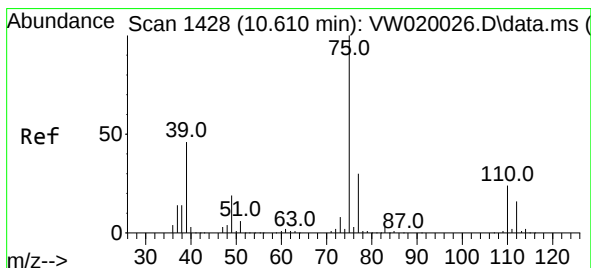
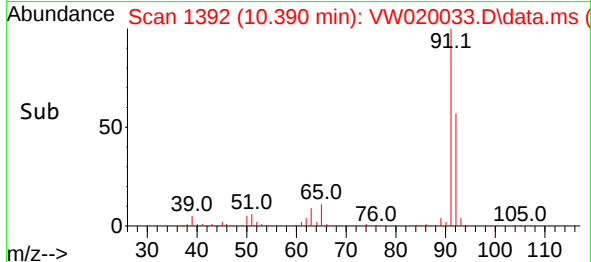
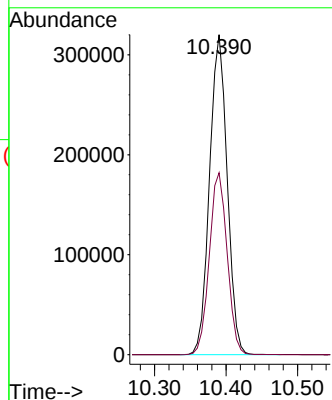
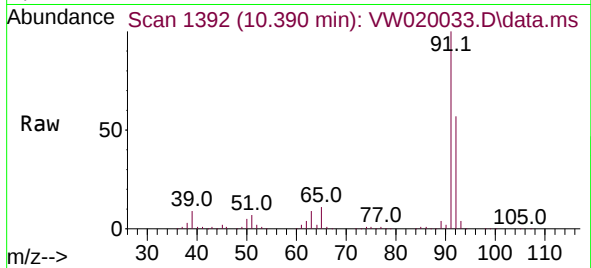




#42  
Toluene  
Concen: 29.220 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

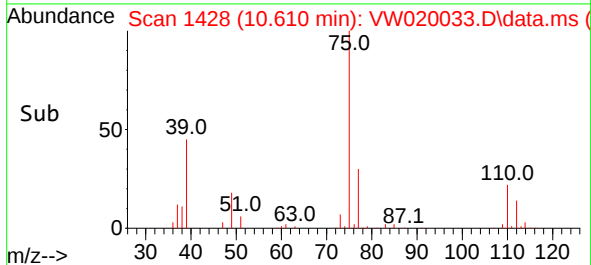
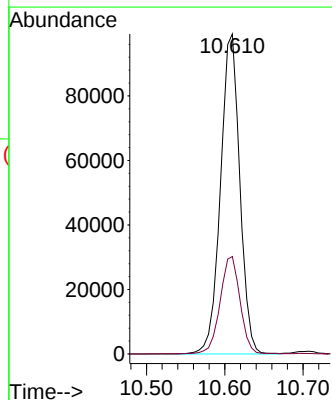
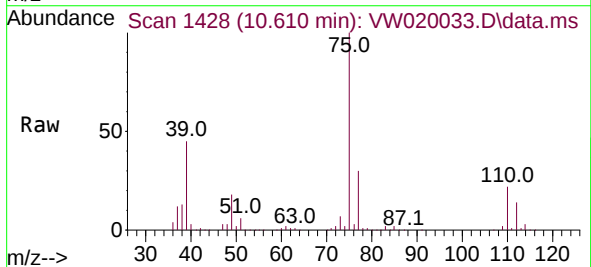
Instrument :  
MSVOA\_W  
ClientSampled :

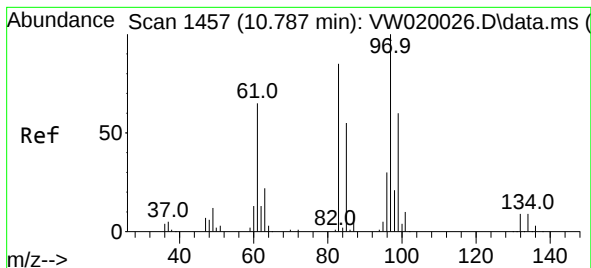
Tgt Ion: 91 Resp: 547795  
Ion Ratio Lower Upper  
91 100  
92 56.9 39.5 73.3



#44  
trans-1,3-Dichloropropene  
Concen: 27.991 ug/L  
RT: 10.610 min Scan# 1428  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

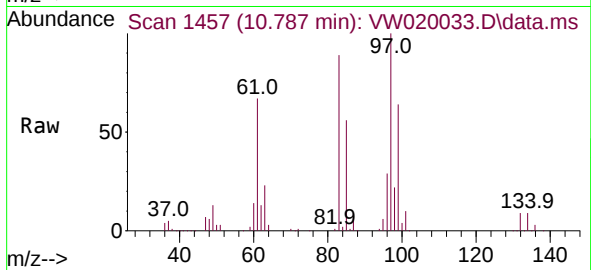
Tgt Ion: 75 Resp: 170184  
Ion Ratio Lower Upper  
75 100  
77 30.4 21.1 39.1



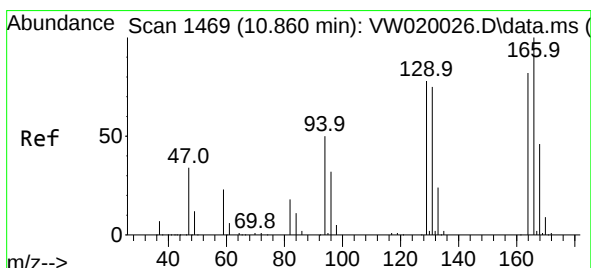
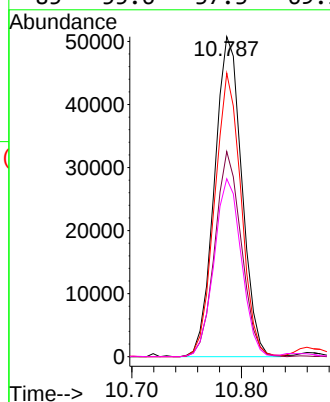
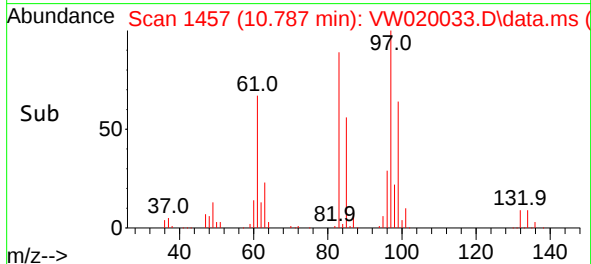


#45  
1,1,2-Trichloroethane  
Concen: 25.878 ug/L  
RT: 10.787 min Scan# 1457  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

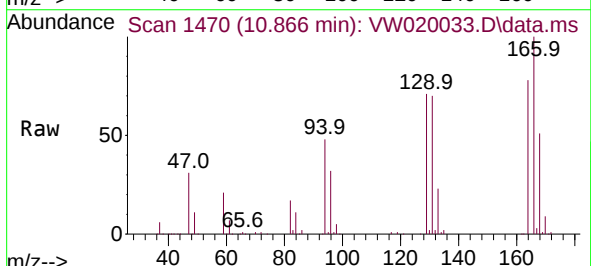
Instrument :  
MSVOA\_W  
ClientSampleId :



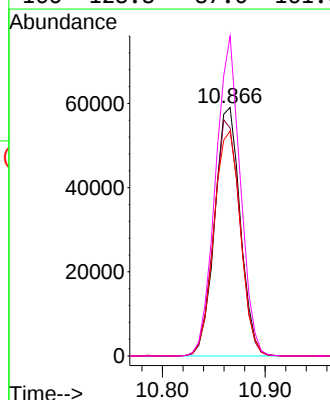
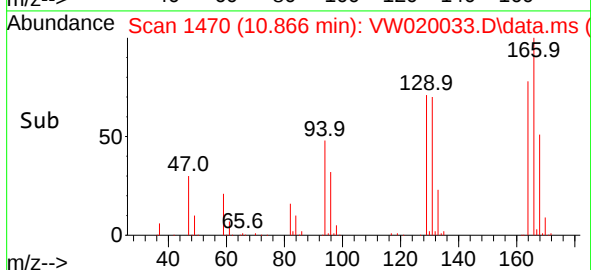
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 88049 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 64.1  | 45.1  | 83.7  |
| 83       | 88.6  | 58.1  | 107.9 |
| 85       | 55.6  | 37.3  | 69.3  |

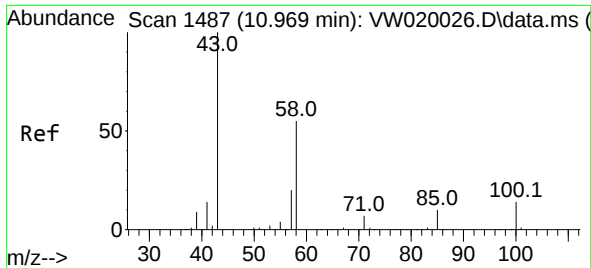


#46  
Tetrachloroethene  
Concen: 28.271 ug/L  
RT: 10.866 min Scan# 1470  
Delta R.T. 0.006 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 101785 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 129      | 91.7  | 66.7  | 123.9  |
| 131      | 90.6  | 61.1  | 113.5  |
| 166      | 128.8 | 87.0  | 161.6  |

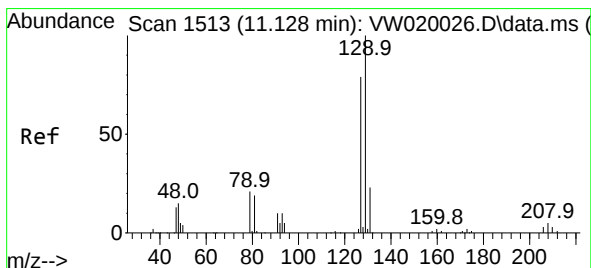
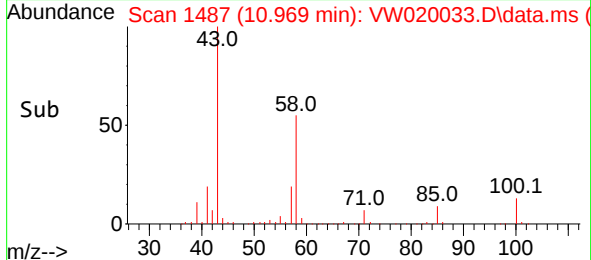
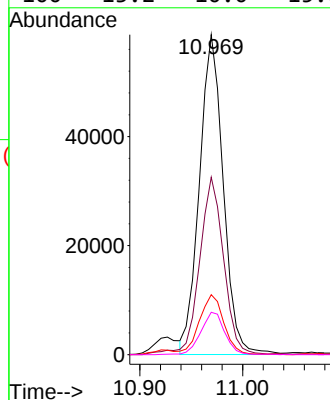
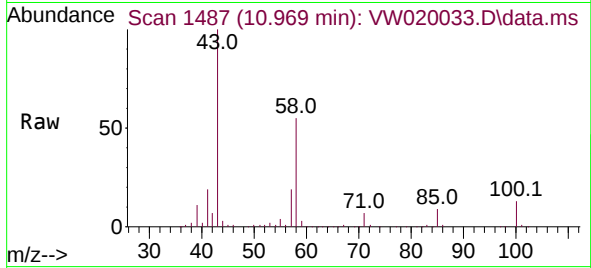




#48  
2-Hexanone  
Concen: 43.516 ug/L  
RT: 10.969 min Scan# 1487  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

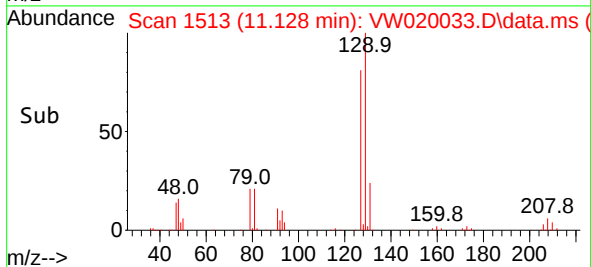
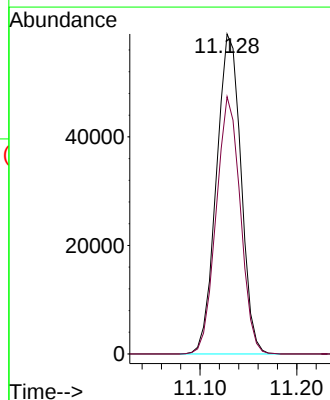
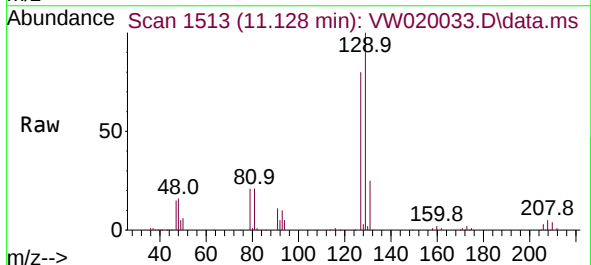
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MSVOA\_W  
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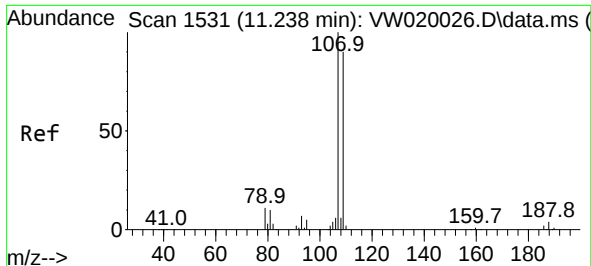
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 94655 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 54.7  | 42.7  | 64.1  |
| 57       | 19.0  | 15.8  | 23.8  |
| 100      | 13.2  | 10.0  | 15.0  |



#49  
Dibromochloromethane  
Concen: 26.599 ug/L  
RT: 11.128 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 129   | Resp: | 103994 |
| Ion      | Ratio | Lower | Upper  |
| 129      | 100   |       |        |
| 127      | 80.4  | 51.7  | 95.9   |

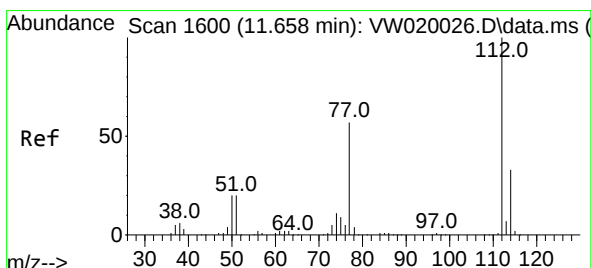
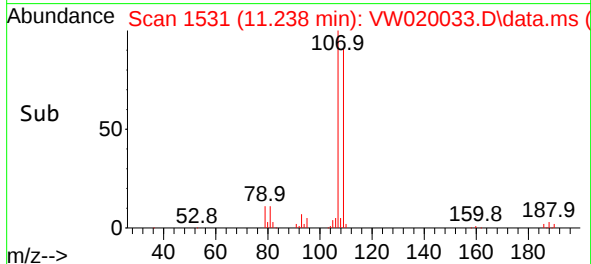
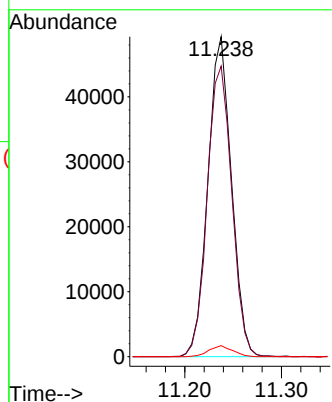
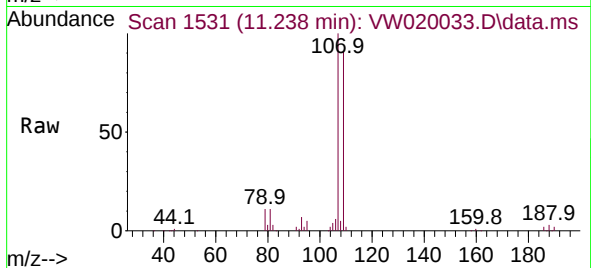




#50  
1,2-Dibromoethane  
Concen: 25.000 ug/L  
RT: 11.238 min Scan# 1531  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

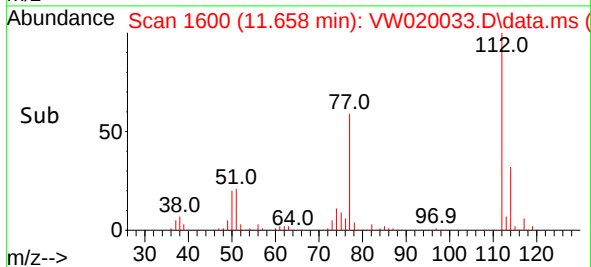
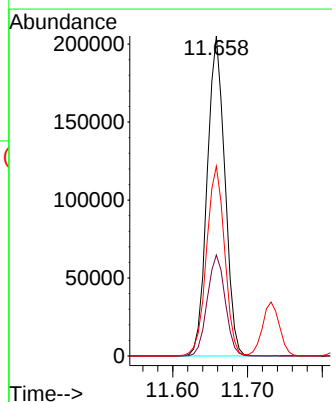
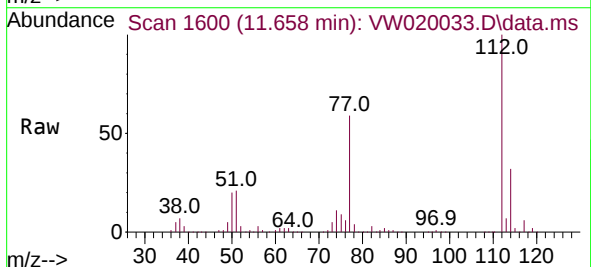
Instrument :  
MSVOA\_W  
ClientSampleId :

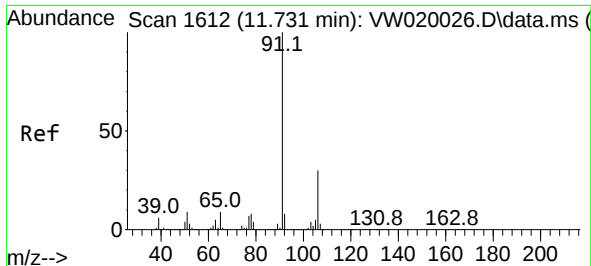
Tgt Ion:107 Resp: 83657  
Ion Ratio Lower Upper  
107 100  
109 90.8 65.4 121.4  
188 3.4 2.6 4.0



#51  
Chlorobenzene  
Concen: 27.743 ug/L  
RT: 11.658 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

Tgt Ion:112 Resp: 337191  
Ion Ratio Lower Upper  
112 100  
114 31.6 23.4 43.6  
77 59.3 47.6 71.4

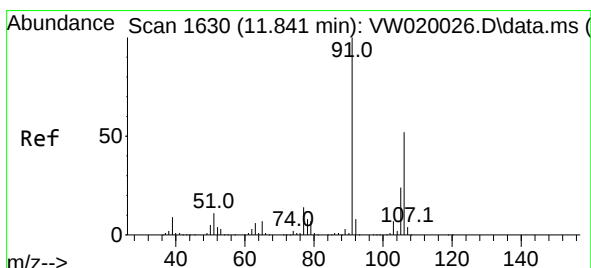
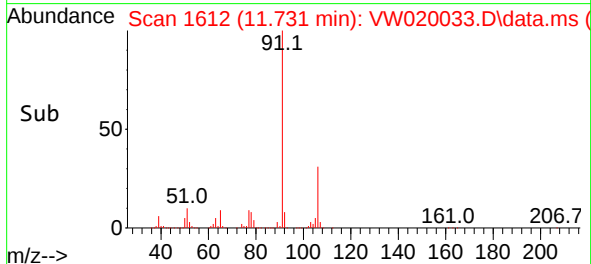
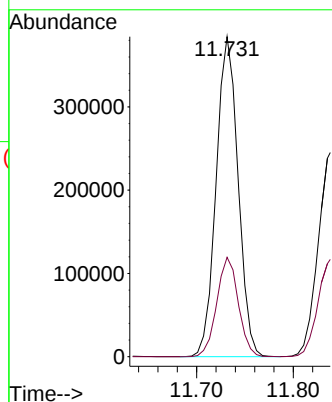
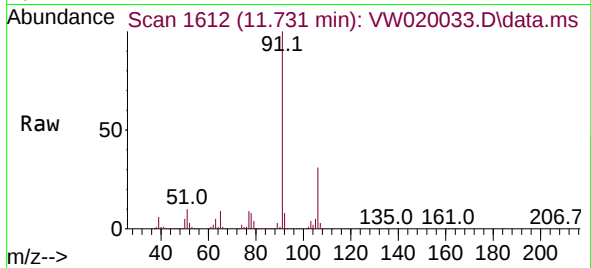




#52  
Ethylbenzene  
Concen: 29.541 ug/L  
RT: 11.731 min Scan# 1612  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

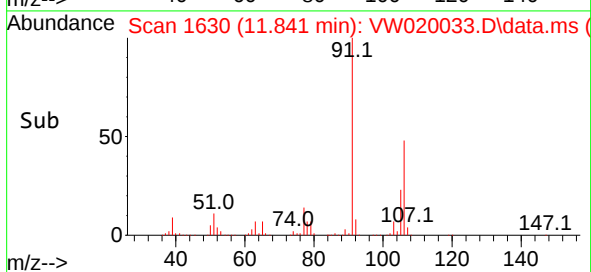
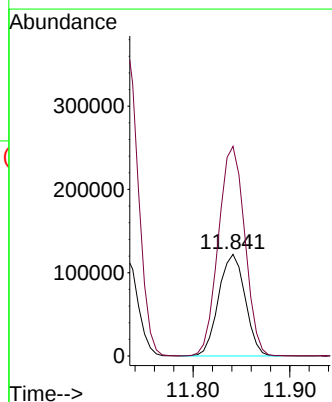
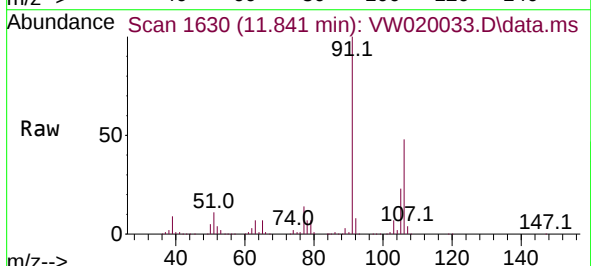
Instrument :  
MSVOA\_W  
ClientSampleId :

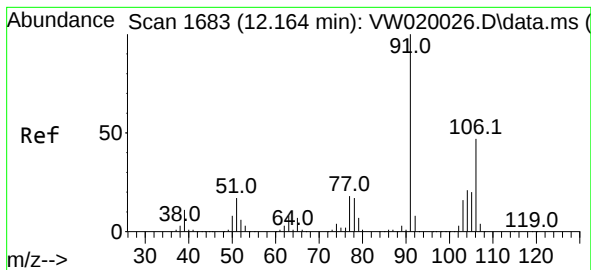
Tgt Ion: 91 Resp: 604867  
Ion Ratio Lower Upper  
91 100  
106 31.0 22.5 41.7



#53  
m,p-Xylene  
Concen: 29.864 ug/L  
RT: 11.841 min Scan# 1630  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

Tgt Ion: 106 Resp: 232642  
Ion Ratio Lower Upper  
106 100  
91 206.3 141.3 262.3

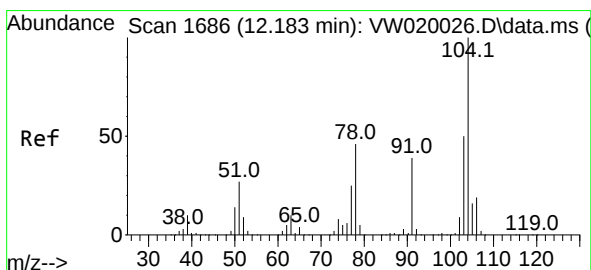
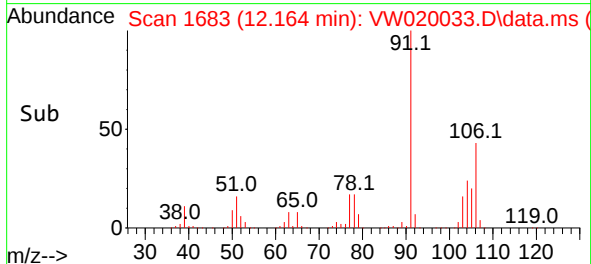
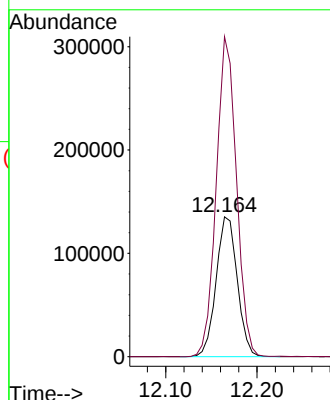
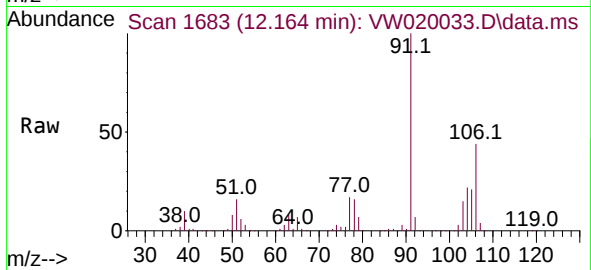




#54  
o-Xylene  
Concen: 29.603 ug/L  
RT: 12.164 min Scan# 1683  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

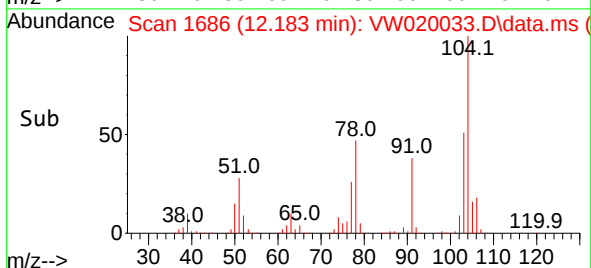
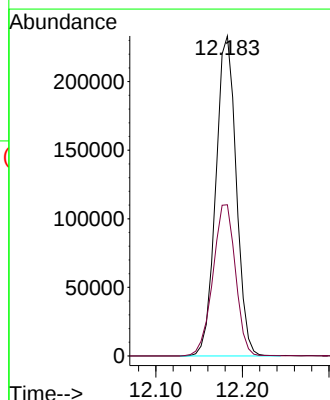
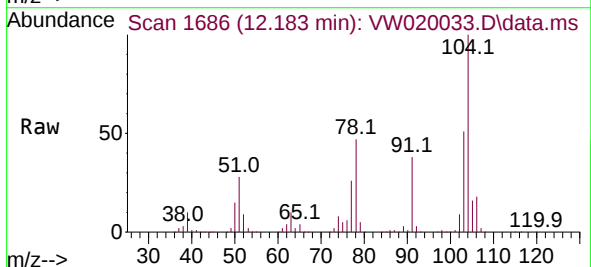
Instrument :  
MSVOA\_W  
ClientSampled :

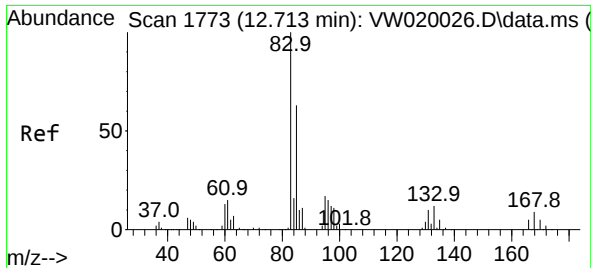
Tgt Ion:106 Resp: 217631  
Ion Ratio Lower Upper  
106 100  
91 228.8 150.0 278.6



#55  
Styrene  
Concen: 30.218 ug/L  
RT: 12.183 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

Tgt Ion:104 Resp: 381968  
Ion Ratio Lower Upper  
104 100  
78 47.3 32.5 60.3

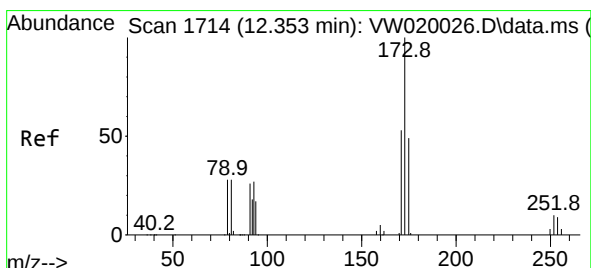
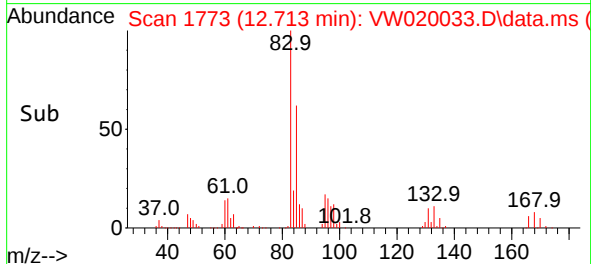
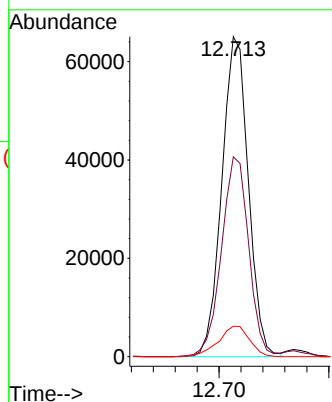
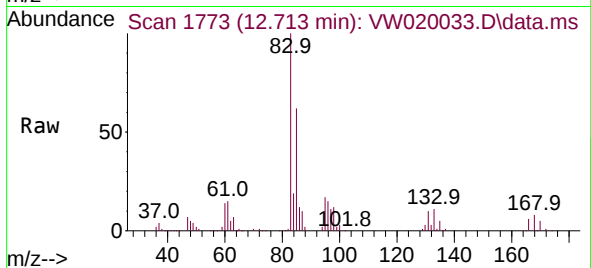




#57  
1,1,2,2-Tetrachloroethane  
Concen: 24.489 ug/L  
RT: 12.713 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

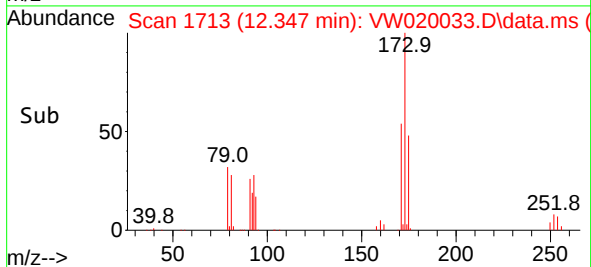
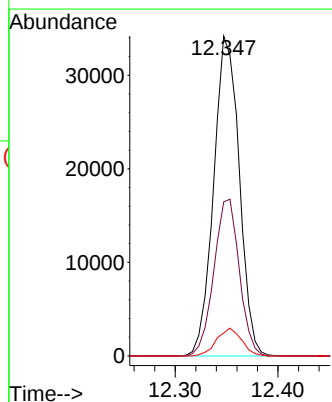
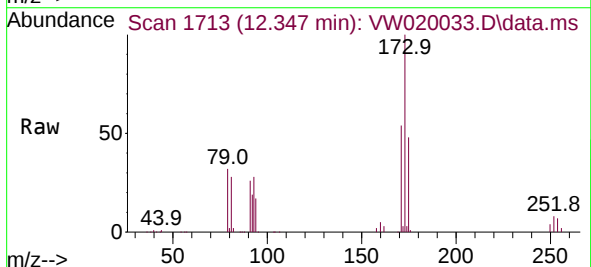
Instrument :  
MSVOA\_W  
ClientSampleId :

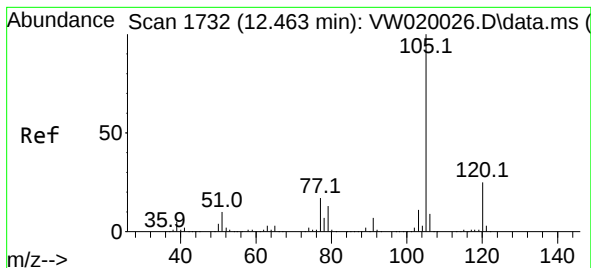
Tgt Ion: 83 Resp: 109198  
Ion Ratio Lower Upper  
83 100  
85 62.5 44.4 82.4  
131 9.5 8.2 12.4



#59  
Bromoform  
Concen: 26.855 ug/L  
RT: 12.347 min Scan# 1713  
Delta R.T. -0.006 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

Tgt Ion:173 Resp: 59147  
Ion Ratio Lower Upper  
173 100  
175 48.6 37.5 56.3  
254 8.5 7.0 10.4

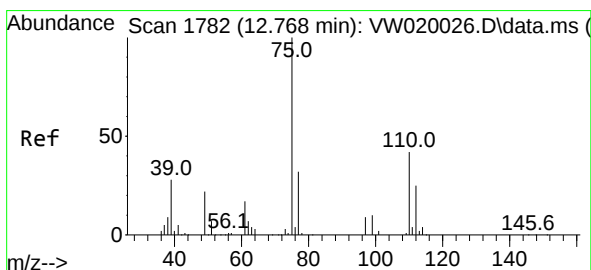
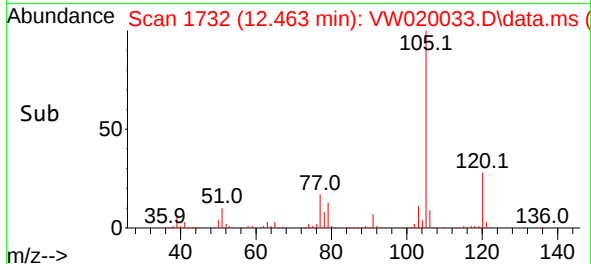
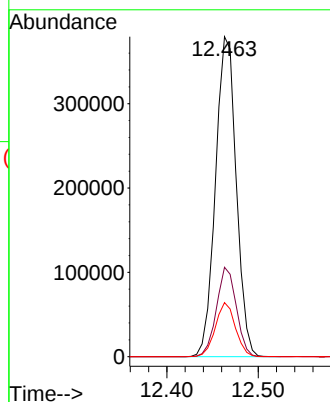
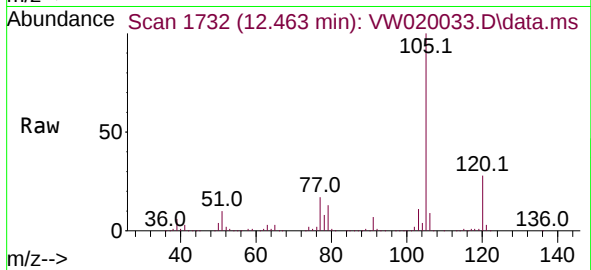




#60  
Isopropylbenzene  
Concen: 31.053 ug/L  
RT: 12.463 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

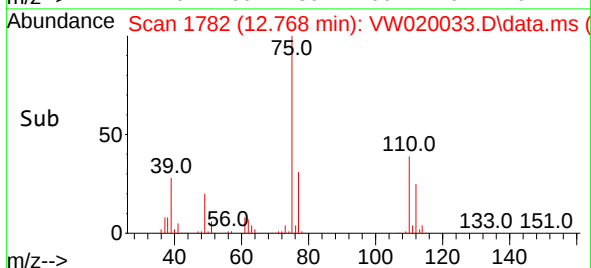
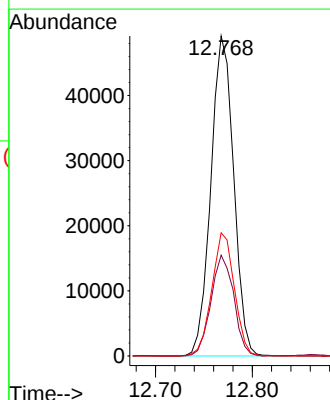
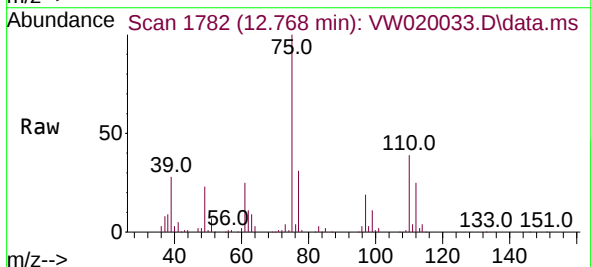
Instrument :  
MSVOA\_W  
ClientSampled :

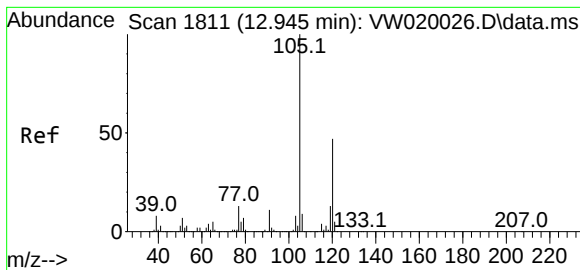
Tgt Ion:105 Resp: 599416  
Ion Ratio Lower Upper  
105 100  
120 26.7 21.1 31.7  
77 16.3 13.2 19.8



#61  
1,2,3-Trichloropropane  
Concen: 23.679 ug/L  
RT: 12.768 min Scan# 1782  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

Tgt Ion: 75 Resp: 80581  
Ion Ratio Lower Upper  
75 100  
77 31.3 25.3 37.9  
110 38.1 32.6 48.8

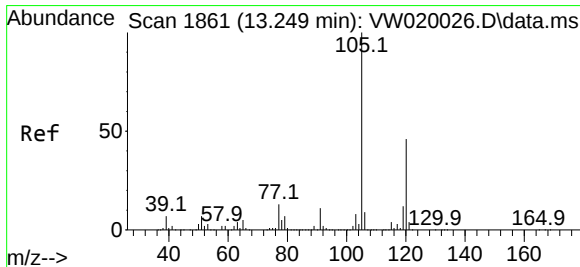
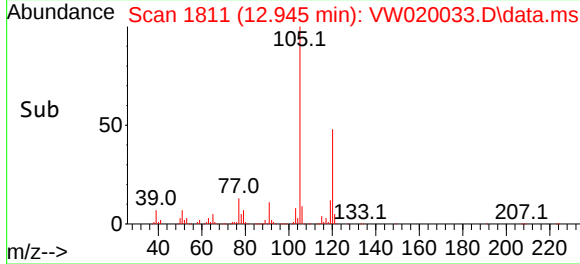
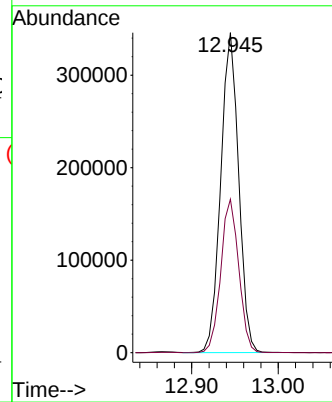
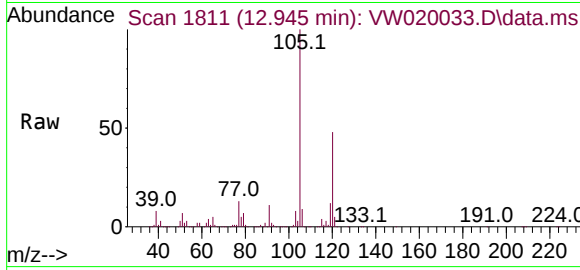




#62  
1,3,5-Trimethylbenzene  
Concen: 31.685 ug/L  
RT: 12.945 min Scan# 1811  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

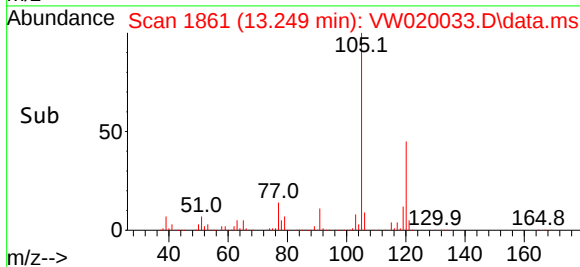
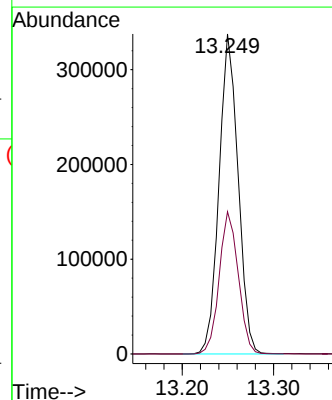
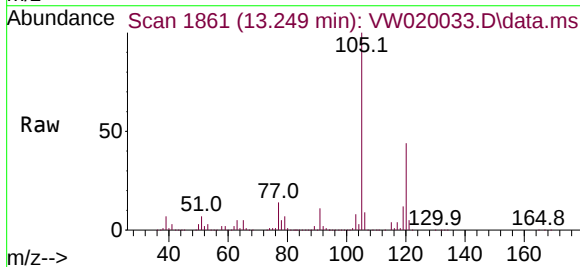
Instrument :  
MSVOA\_W  
ClientSampleId :

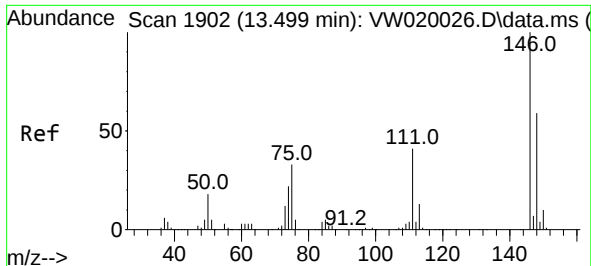
Tgt Ion:105 Resp: 497561  
Ion Ratio Lower Upper  
105 100  
120 48.0 39.0 58.6



#63  
1,2,4-Trimethylbenzene  
Concen: 31.699 ug/L  
RT: 13.249 min Scan# 1861  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

Tgt Ion:105 Resp: 488771  
Ion Ratio Lower Upper  
105 100  
120 44.6 35.6 53.4

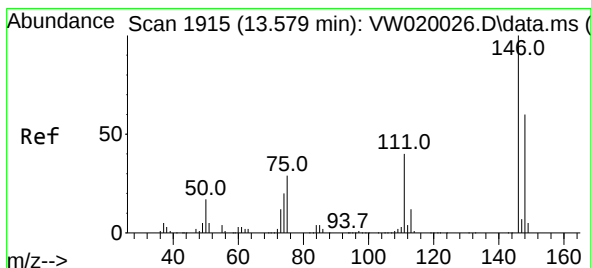
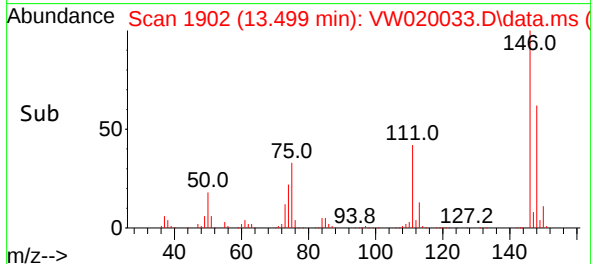
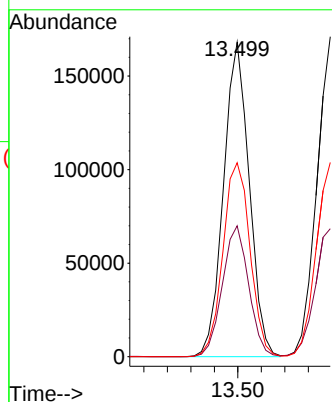
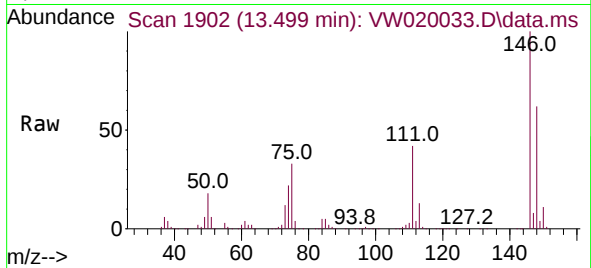




#64  
1,3-Dichlorobenzene  
Concen: 28.791 ug/L  
RT: 13.499 min Scan# 1902  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

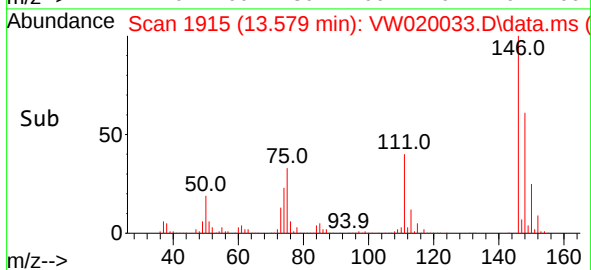
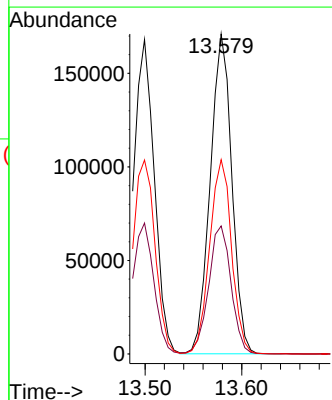
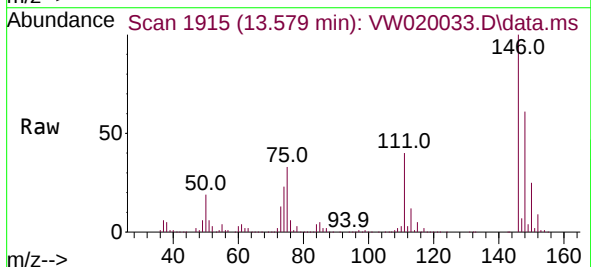
Instrument :  
MSVOA\_W  
ClientSampled :

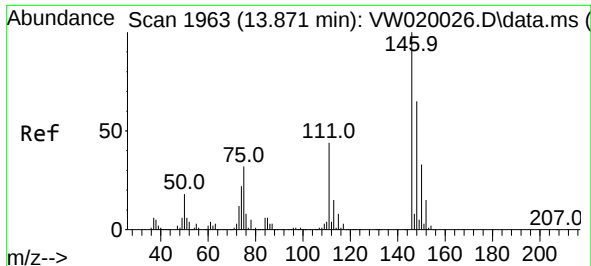
Tgt Ion:146 Resp: 255553  
Ion Ratio Lower Upper  
146 100  
111 41.7 26.7 49.7  
148 61.7 41.1 76.3



#65  
1,4-Dichlorobenzene  
Concen: 29.322 ug/L  
RT: 13.579 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

Tgt Ion:146 Resp: 265259  
Ion Ratio Lower Upper  
146 100  
111 40.0 28.8 53.4  
148 60.7 46.8 87.0

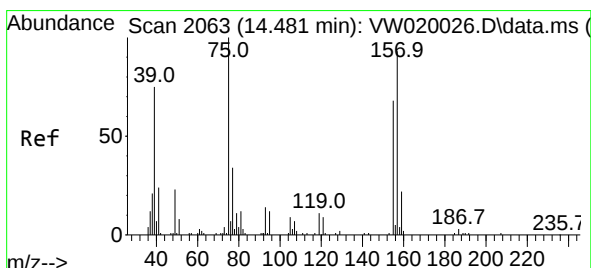
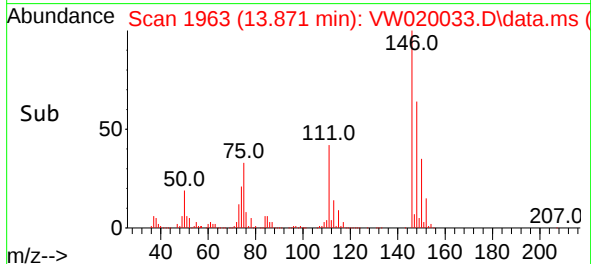
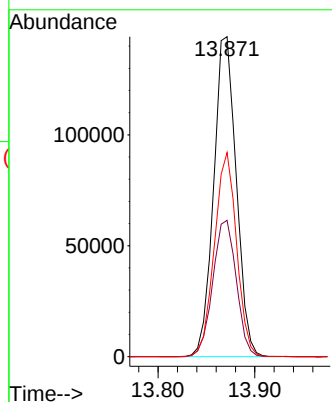
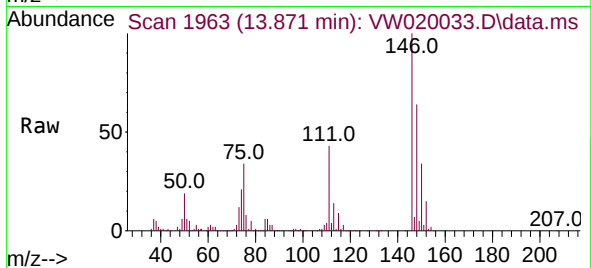




#67  
1,2-Dichlorobenzene  
Concen: 28.985 ug/L  
RT: 13.871 min Scan# 1963  
Delta R.T. 0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

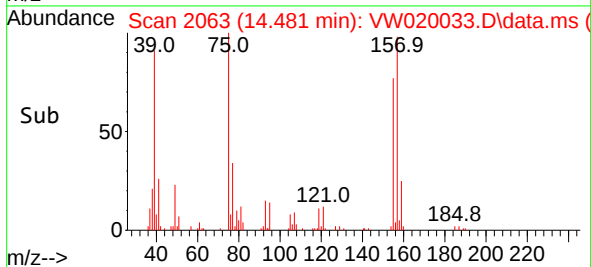
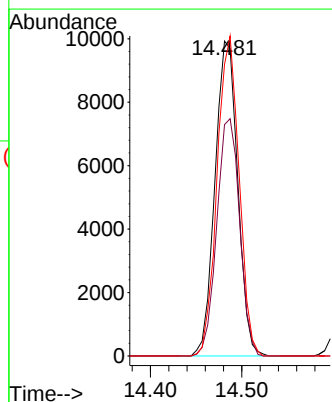
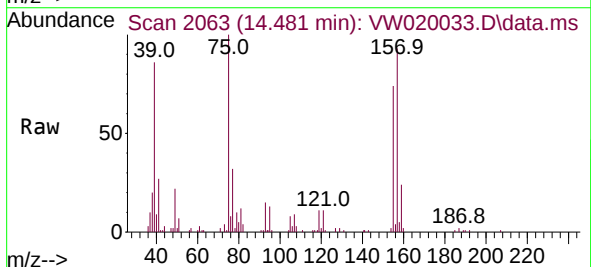
Instrument :  
MSVOA\_W  
ClientSampled :

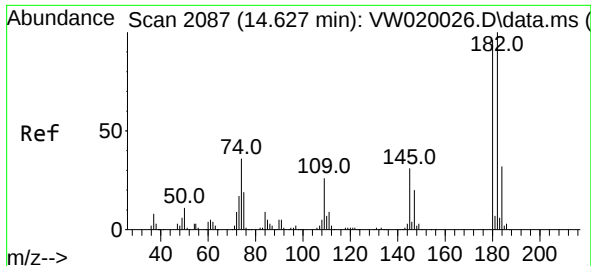
Tgt Ion:146 Resp: 234463  
Ion Ratio Lower Upper  
146 100  
111 42.6 33.2 49.8  
148 63.8 50.4 75.6



#68  
1,2-Dibromo-3-chloropropane  
Concen: 20.848 ug/L  
RT: 14.481 min Scan# 2063  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

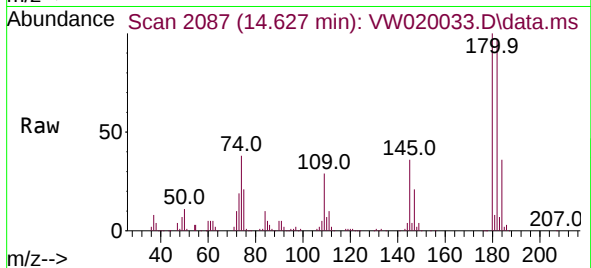
Tgt Ion: 75 Resp: 17117  
Ion Ratio Lower Upper  
75 100  
155 73.5 59.4 89.0  
157 92.6 72.2 108.2



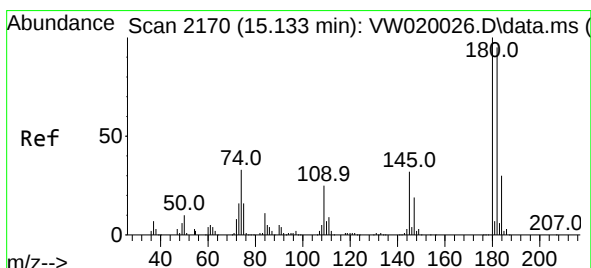
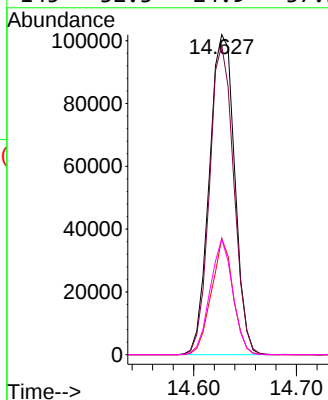
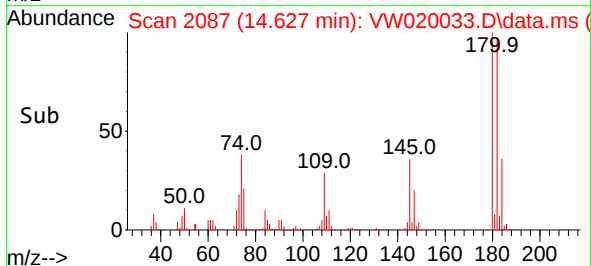


#69  
1,3,5-Trichlorobenzene  
Concen: 28.402 ug/L  
RT: 14.627 min Scan# 2087  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

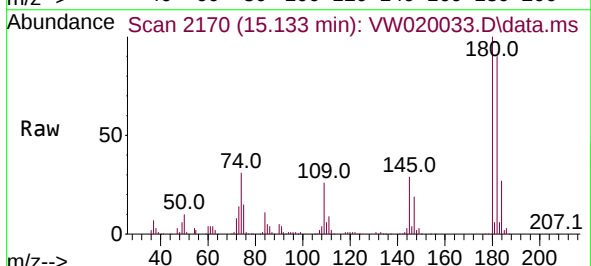
Instrument :  
MSVOA\_W  
ClientSampleId :



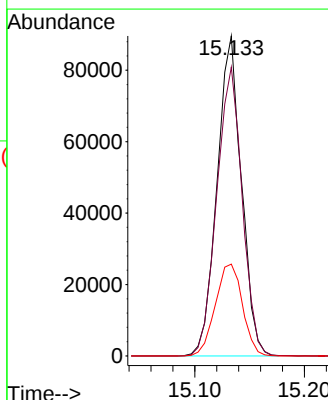
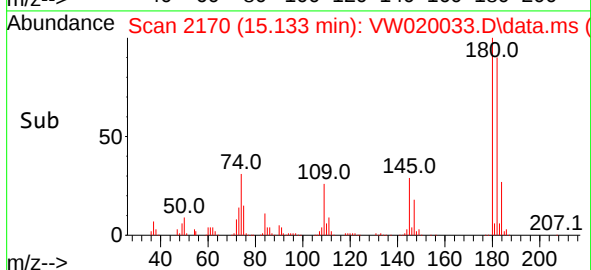
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 174372 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 92.3  | 73.4  | 110.2  |
| 184       | 31.0  | 23.6  | 35.4   |
| 145       | 32.3  | 24.9  | 37.3   |

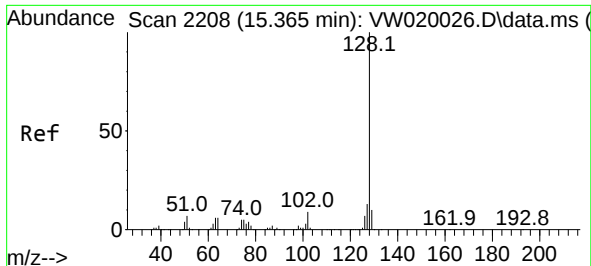


#70  
1,2,4-trichlorobenzene  
Concen: 28.819 ug/L  
RT: 15.133 min Scan# 2170  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 138549 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.2  | 74.7  | 112.1  |
| 145       | 31.9  | 25.0  | 37.4   |

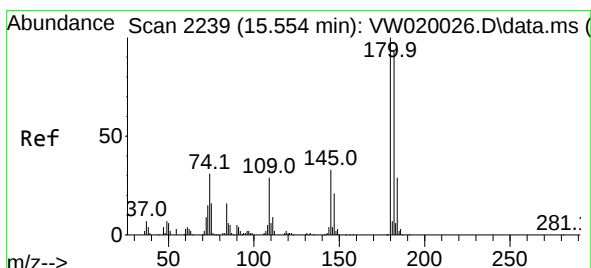
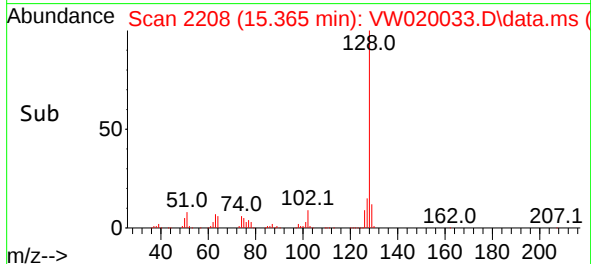
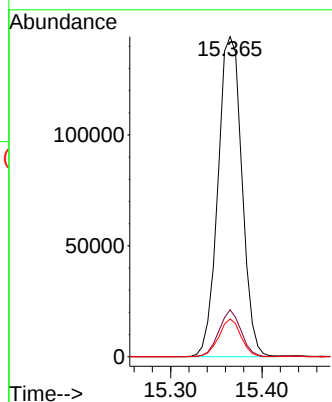
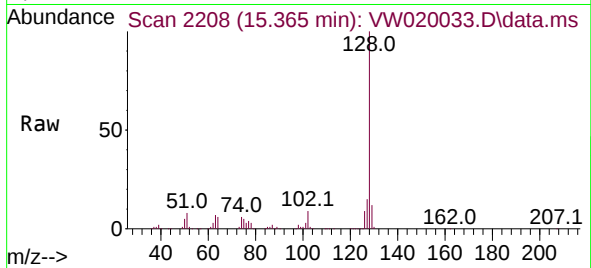




#71  
Naphthalene  
Concen: 25.587 ug/L  
RT: 15.365 min Scan# 2208  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion:128 Resp: 262872  
Ion Ratio Lower Upper  
128 100  
127 13.5 10.6 15.8  
129 10.8 9.0 13.6



#72  
1,2,3-Trichlorobenzene  
Concen: 27.082 ug/L  
RT: 15.554 min Scan# 2239  
Delta R.T. -0.000 min  
Lab File: VW020033.D  
Acq: 15 Sep 2021 14:42

Tgt Ion:180 Resp: 122210  
Ion Ratio Lower Upper  
180 100  
182 97.4 76.7 115.1  
145 34.2 28.9 43.3

