

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092822\  
 Data File : VW024660.D  
 Acq On : 28 Sep 2022 16:00  
 Operator : SY/VA  
 Sample : N4852-03MSD  
 Misc : 5.45g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW807MSD

Quant Time: Sep 29 04:45:27 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092622SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Sep 29 04:41:43 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 724421   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 649599   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 305676   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 210118   | 27.722   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 110.880% |
| 7) Chloroethane-d5            | 2.885  | 69    | 116009   | 26.339   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 105.360% |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63    | 434241   | 24.753   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 99.000%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 131552   | 48.276   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 96.560%  |
| 24) Chloroform-d              | 7.647  | 84    | 482640   | 24.921   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 99.680%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 244395   | 24.327   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 97.320%  |
| 32) Benzene-d6                | 8.275  | 84    | 992312   | 23.900   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 95.600%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 306824   | 24.186   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 96.760%  |
| 41) Toluene-d8                | 10.323 | 98    | 880040   | 23.715   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 94.840%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 128245   | 22.701   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 90.800%  |
| 47) 2-Hexanone-d5             | 10.921 | 63    | 105201   | 48.468   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 96.940%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 220448   | 24.388   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 97.560%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 252386   | 23.464   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 93.840%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.007  | 85    | 88891    | 19.986   | ug/L   | 90       |
| 3) Chloromethane              | 2.215  | 50    | 179526   | 20.728   | ug/L   | 97       |
| 5) Vinyl chloride             | 2.367  | 62    | 241250   | 27.091   | ug/L   | 98       |
| 6) Bromomethane               | 2.782  | 94    | 96372    | 23.449   | ug/L   | 96       |
| 8) Chloroethane               | 2.922  | 64    | 94152    | 25.078   | ug/L   | 100      |
| 9) Trichlorofluoromethane     | 3.257  | 101   | 115328   | 23.149   | ug/L   | 97       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.062  | 101   | 225047   | 23.684   | ug/L # | 78       |
| 12) 1,1-Dichloroethene        | 4.044  | 96    | 228135   | 24.073   | ug/L   | 97       |
| 13) Acetone                   | 4.135  | 43    | 100080   | 50.338   | ug/L   | 96       |
| 14) Carbon disulfide          | 4.385  | 76    | 730542   | 24.419   | ug/L   | 99       |
| 15) Methyl Acetate            | 4.678  | 43    | 102597   | 23.305   | ug/L   | 99       |
| 16) Methylene chloride        | 4.922  | 84    | 312252   | 21.948   | ug/L   | 97       |
| 17) trans-1,2-Dichloroethene  | 5.422  | 96    | 249370   | 23.419   | ug/L   | 95       |
| 18) Methyl tert-butyl Ether   | 5.428  | 73    | 391182   | 23.170   | ug/L   | 100      |
| 19) 1,1-Dichloroethane        | 6.220  | 63    | 462445   | 23.214   | ug/L   | 98       |
| 20) cis-1,2-Dichloroethene    | 7.171  | 96    | 266945   | 23.365   | ug/L   | 100      |
| 22) 2-Butanone                | 7.177  | 43    | 148948   | 46.838   | ug/L   | 99       |
| 23) Bromochloromethane        | 7.513  | 128   | 107131   | 23.071   | ug/L   | 94       |
| 25) Chloroform                | 7.677  | 83    | 436958   | 23.131   | ug/L   | 99       |

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 ALS Vial : 1 Sample Multiplier: 1

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 Quant Title : SFAM01.0  
 QLast Update : Thu Sep 29 04:41:43 2022  
 Response via : Initial Calibration

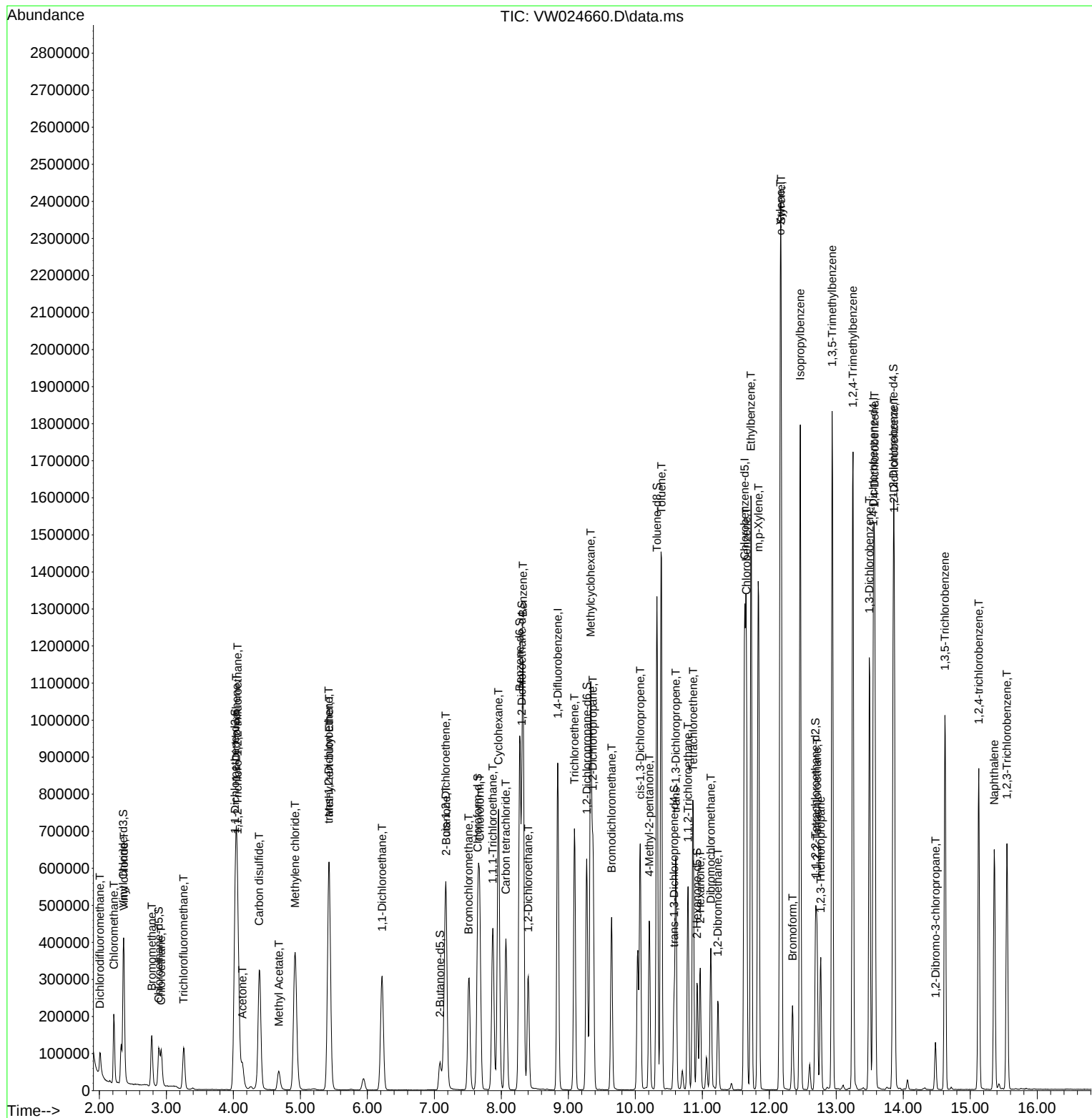
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 8.403  | 62   | 279271   | 23.494 | ug/L  | 99       |
| 29) Cyclohexane               | 7.958  | 56   | 453139   | 22.396 | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97   | 357671   | 22.754 | ug/L  | 99       |
| 31) Carbon tetrachloride      | 8.067  | 117  | 312288   | 23.460 | ug/L  | 98       |
| 33) Benzene                   | 8.323  | 78   | 1032686  | 22.713 | ug/L  | 100      |
| 34) Trichloroethene           | 9.092  | 95   | 258514   | 22.433 | ug/L  | 94       |
| 35) Methylcyclohexane         | 9.335  | 83   | 466788   | 22.097 | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 9.366  | 63   | 256546   | 22.856 | ug/L  | 99       |
| 38) Bromodichloromethane      | 9.646  | 83   | 314583   | 22.784 | ug/L  | 100      |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 406510   | 22.902 | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 10.207 | 43   | 302647   | 45.553 | ug/L  | 99       |
| 42) Toluene                   | 10.390 | 91   | 1069774  | 22.785 | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 10.604 | 75   | 343391   | 22.565 | ug/L  | 99       |
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 172472   | 22.496 | ug/L  | 97       |
| 46) Tetrachloroethene         | 10.866 | 164  | 168335   | 21.499 | ug/L  | 93       |
| 48) 2-Hexanone                | 10.969 | 43   | 207160   | 46.112 | ug/L  | 99       |
| 49) Dibromochloromethane      | 11.128 | 129  | 195975   | 22.700 | ug/L  | 93       |
| 50) 1,2-Dibromoethane         | 11.231 | 107  | 167393   | 23.067 | ug/L  | 100      |
| 51) Chlorobenzene             | 11.658 | 112  | 655229   | 22.792 | ug/L  | 99       |
| 52) Ethylbenzene              | 11.725 | 91   | 1175010  | 22.720 | ug/L  | 100      |
| 53) m,p-Xylene                | 11.841 | 106  | 446794   | 22.124 | ug/L  | 98       |
| 54) o-Xylene                  | 12.164 | 106  | 440266   | 23.086 | ug/L  | 99       |
| 55) Styrene                   | 12.176 | 104  | 734594   | 22.850 | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 205759   | 22.921 | ug/L  | 98       |
| 59) Bromoform                 | 12.347 | 173  | 102855   | 23.804 | ug/L  | 99       |
| 60) Isopropylbenzene          | 12.463 | 105  | 1159549  | 23.275 | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 150071   | 22.791 | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 12.938 | 105  | 987090   | 22.796 | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 956772   | 22.555 | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 13.493 | 146  | 450904   | 22.278 | ug/L  | 93       |
| 65) 1,4-Dichlorobenzene       | 13.573 | 146  | 456152   | 23.151 | ug/L  | 95       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146  | 402630   | 22.839 | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 34825    | 22.365 | ug/L  | 97       |
| 69) 1,3,5-Trichlorobenzene    | 14.621 | 180  | 294409   | 21.907 | ug/L  | 98       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 242072   | 21.441 | ug/L  | 97       |
| 71) Naphthalene               | 15.359 | 128  | 556115   | 22.623 | ug/L  | 98       |
| 72) 1,2,3-Trichlorobenzene    | 15.548 | 180  | 206028   | 21.442 | ug/L  | 96       |

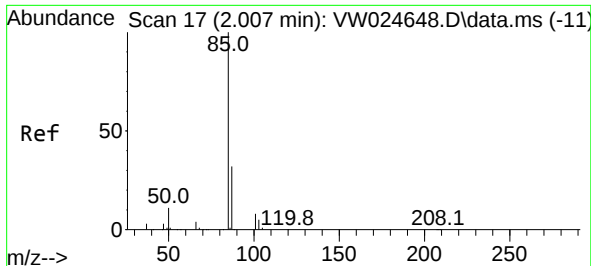
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 29 04:41:43 2022  
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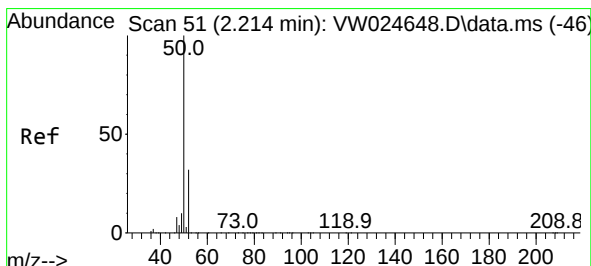
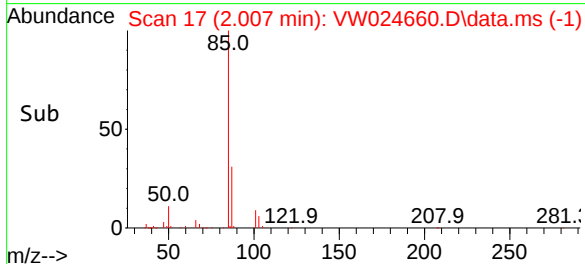
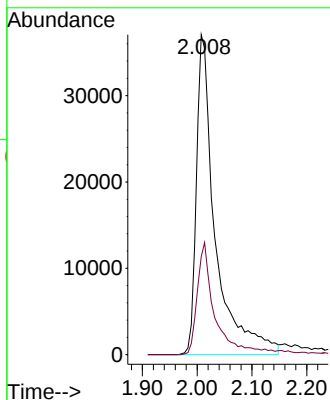
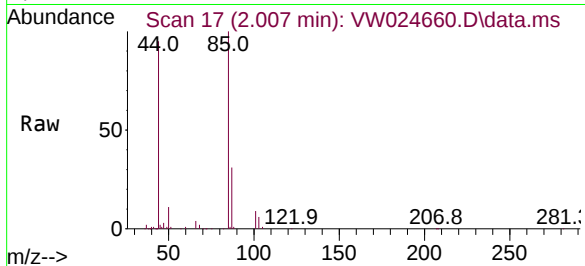




#2  
 Dichlorodifluoromethane  
 Concen: 19.986 ug/L  
 RT: 2.007 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VW024660.D  
 Acq: 28 Sep 2022 16:00

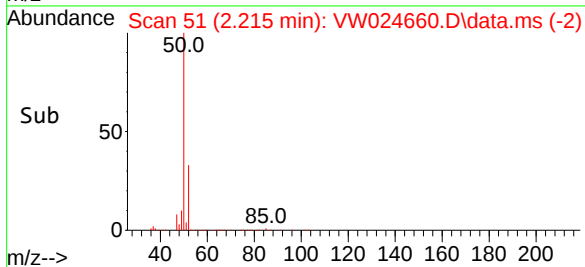
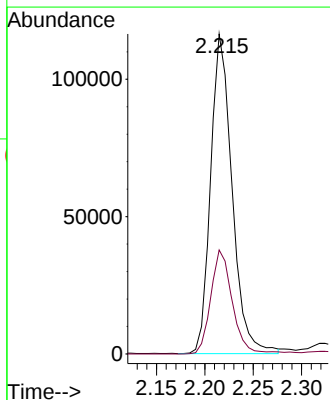
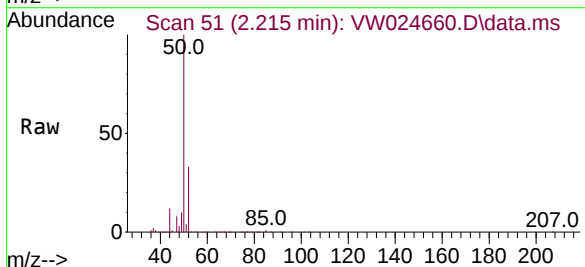
Instrument :  
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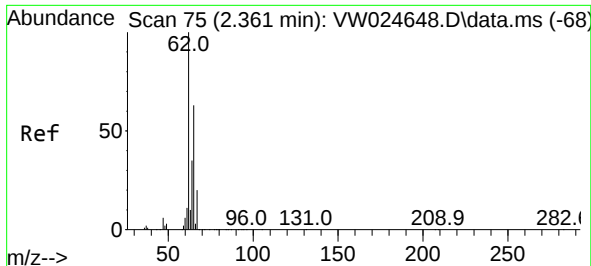
Tgt Ion: 85 Resp: 88891  
 Ion Ratio Lower Upper  
 85 100  
 87 30.3 28.8 43.2



#3  
 Chloromethane  
 Concen: 20.728 ug/L  
 RT: 2.215 min Scan# 51  
 Delta R.T. 0.000 min  
 Lab File: VW024660.D  
 Acq: 28 Sep 2022 16:00

Tgt Ion: 50 Resp: 179526  
 Ion Ratio Lower Upper  
 50 100  
 52 32.5 21.7 40.3

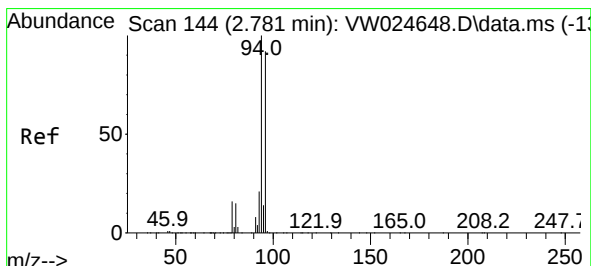
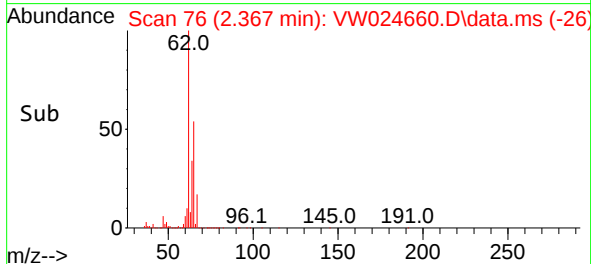
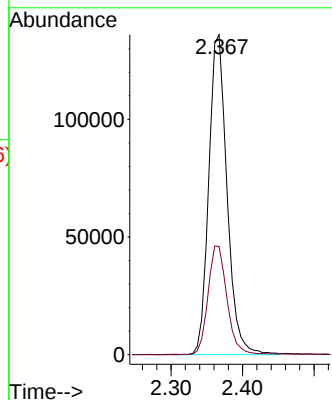
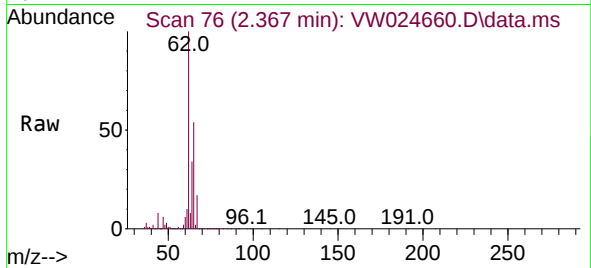




#5  
 Vinyl chloride  
 Concen: 27.091 ug/L  
 RT: 2.367 min Scan# 75  
 Delta R.T. 0.006 min  
 Lab File: VW024660.D  
 Acq: 28 Sep 2022 16:00

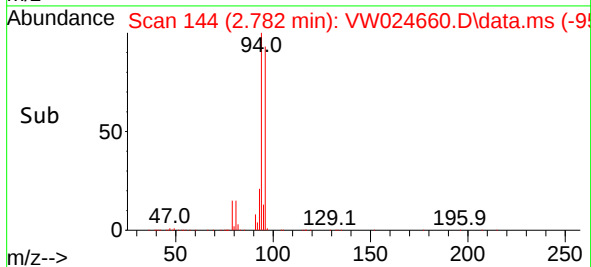
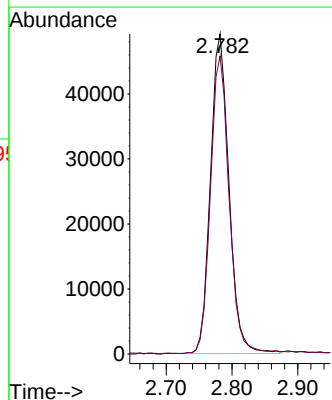
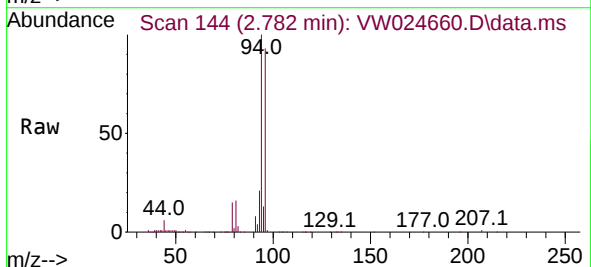
Instrument :  
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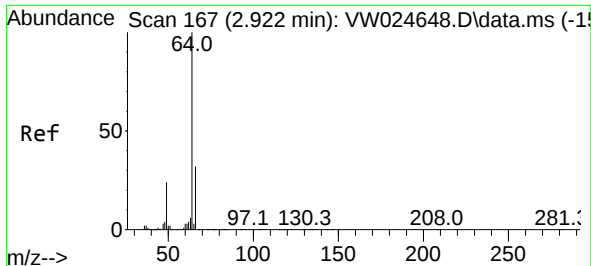
Tgt Ion: 62 Resp: 241250  
 Ion Ratio Lower Upper  
 62 100  
 64 33.8 24.4 45.2



#6  
 Bromomethane  
 Concen: 23.449 ug/L  
 RT: 2.782 min Scan# 144  
 Delta R.T. 0.000 min  
 Lab File: VW024660.D  
 Acq: 28 Sep 2022 16:00

Tgt Ion: 94 Resp: 96372  
 Ion Ratio Lower Upper  
 94 100  
 96 93.1 68.0 126.2

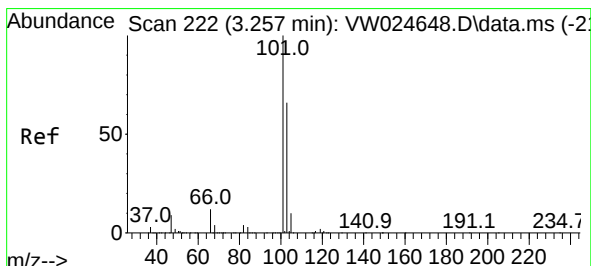
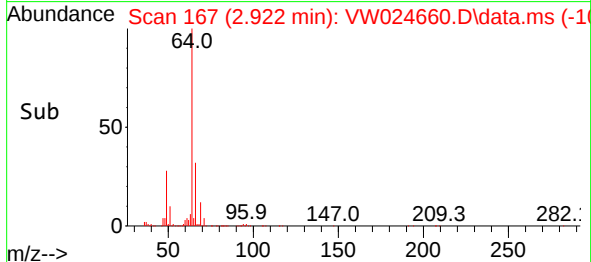
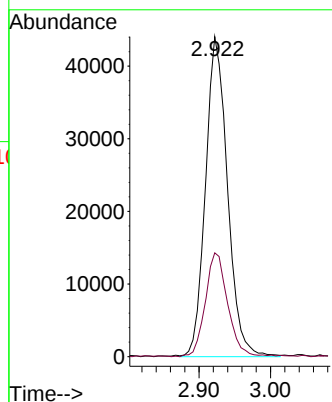
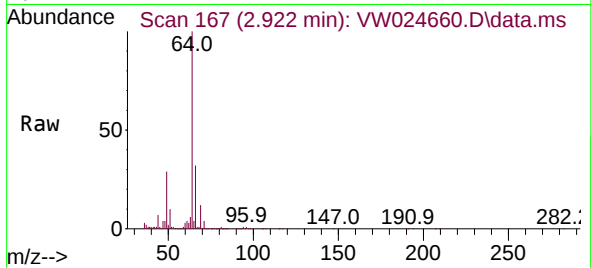




#8  
Chloroethane  
Concen: 25.078 ug/L  
RT: 2.922 min Scan# 167  
Delta R.T. 0.000 min  
Lab File: VW024660.D  
Acq: 28 Sep 2022 16:00

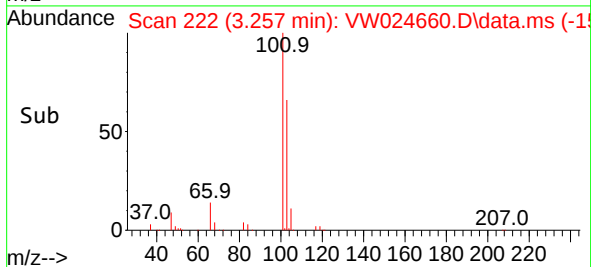
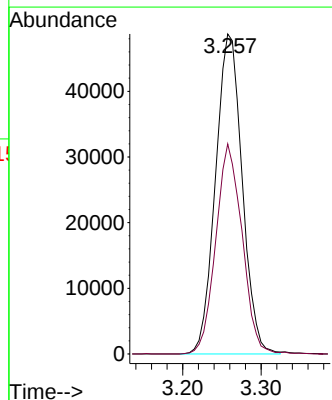
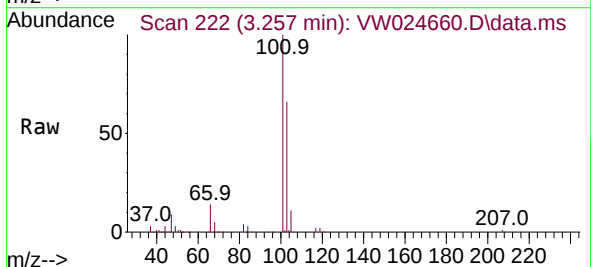
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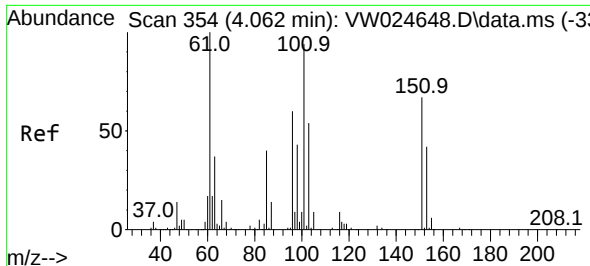
Tgt Ion: 64 Resp: 94152  
Ion Ratio Lower Upper  
64 100  
66 32.5 22.5 41.9



#9  
Trichlorofluoromethane  
Concen: 23.149 ug/L  
RT: 3.257 min Scan# 222  
Delta R.T. 0.000 min  
Lab File: VW024660.D  
Acq: 28 Sep 2022 16:00

Tgt Ion: 101 Resp: 115328  
Ion Ratio Lower Upper  
101 100  
103 64.5 53.4 80.2

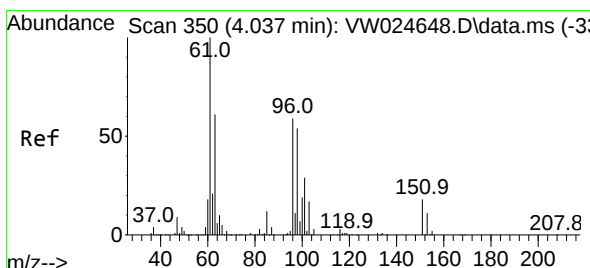
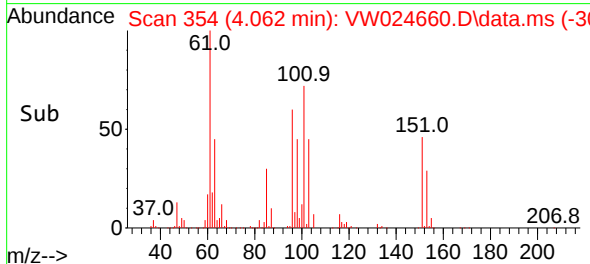
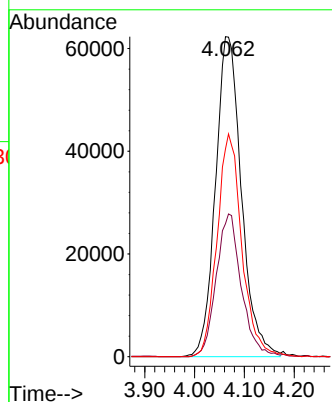
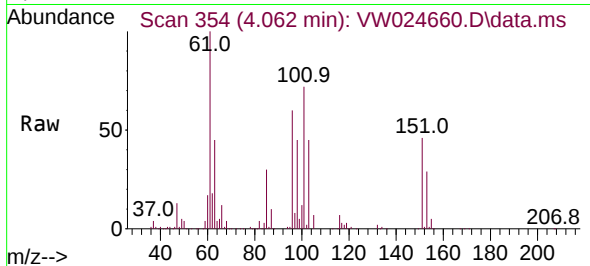




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 23.684 ug/L  
 RT: 4.062 min Scan# 310  
 Delta R.T. 0.000 min  
 Lab File: VW024660.D  
 Acq: 28 Sep 2022 16:00

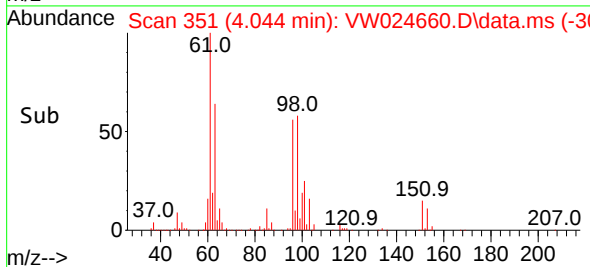
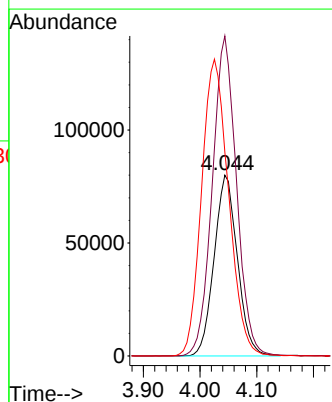
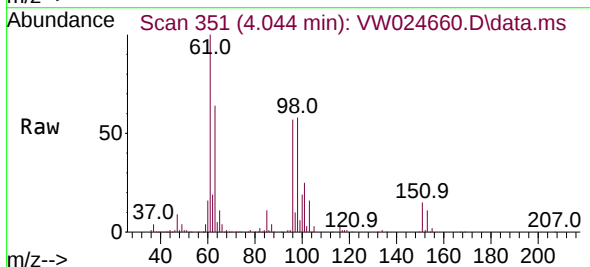
Instrument :  
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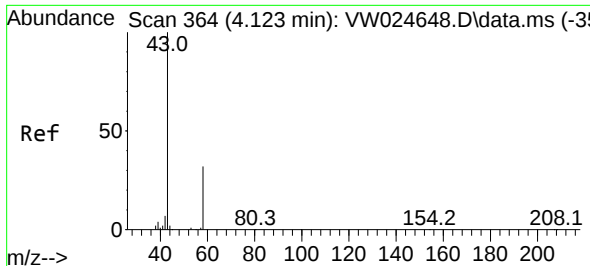
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 Ion Ratio Lower Upper  
 101 100  
 85 43.0 34.9 52.3  
 151 66.4 30.9 46.3#



#12  
 1,1-Dichloroethene  
 Concen: 24.073 ug/L  
 RT: 4.044 min Scan# 351  
 Delta R.T. 0.006 min  
 Lab File: VW024660.D  
 Acq: 28 Sep 2022 16:00

Tgt Ion: 96 Resp: 228135  
 Ion Ratio Lower Upper  
 96 100  
 61 176.9 124.5 231.1  
 63 112.8 84.1 156.1

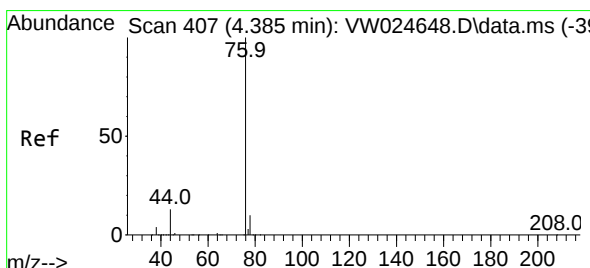
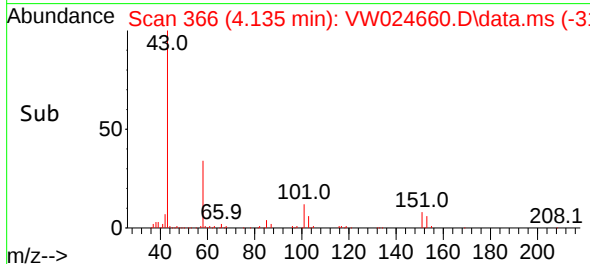
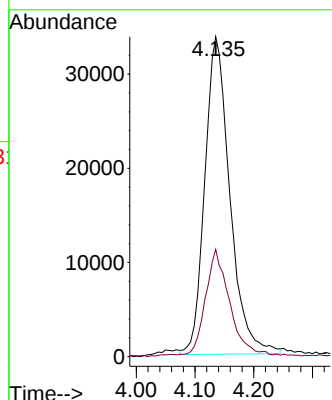
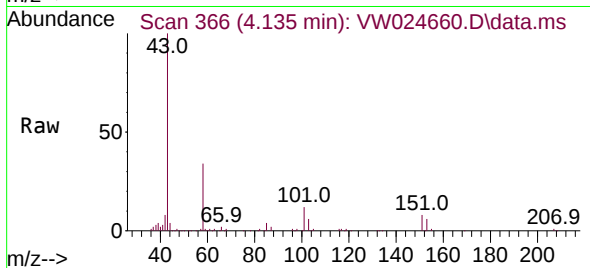




#13  
Acetone  
Concen: 50.338 ug/L  
RT: 4.135 min Scan# 366  
Delta R.T. 0.013 min  
Lab File: VW024660.D  
Acq: 28 Sep 2022 16:00

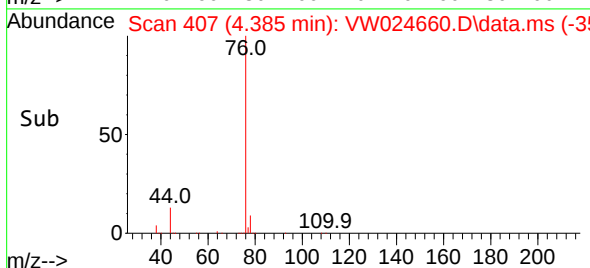
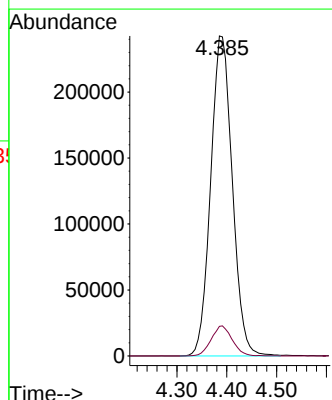
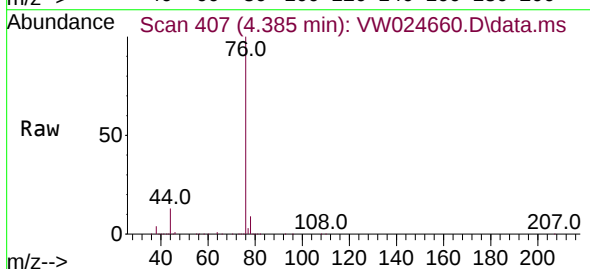
Instrument :  
MSVOA\_W  
ClientSampleId :  
EW807MSD

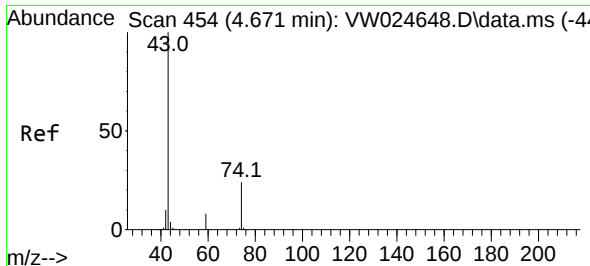
Tgt Ion: 43 Resp: 100080  
Ion Ratio Lower Upper  
43 100  
58 31.6 0.0 67.6



#14  
Carbon disulfide  
Concen: 24.419 ug/L  
RT: 4.385 min Scan# 407  
Delta R.T. 0.000 min  
Lab File: VW024660.D  
Acq: 28 Sep 2022 16:00

Tgt Ion: 76 Resp: 730542  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.2 10.8

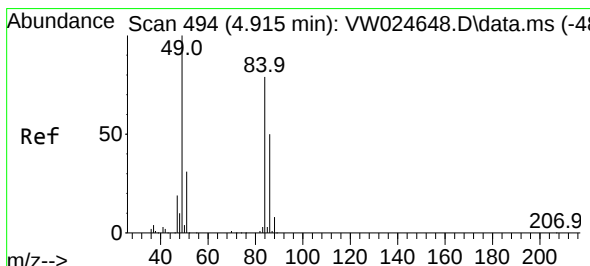
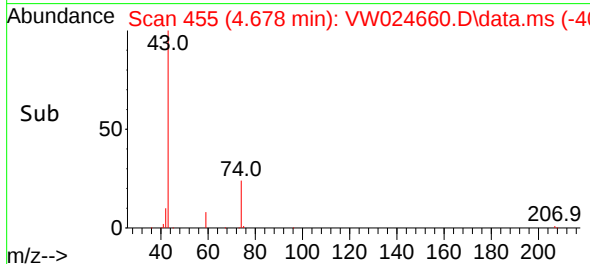
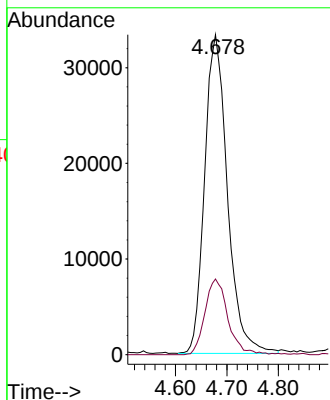
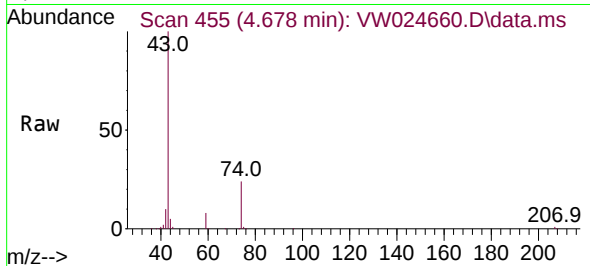




#15  
Methyl Acetate  
Concen: 23.305 ug/L  
RT: 4.678 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VW024660.D  
Acq: 28 Sep 2022 16:00

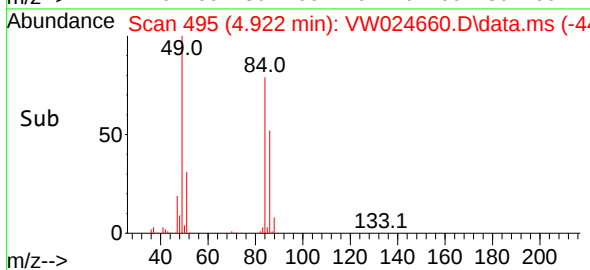
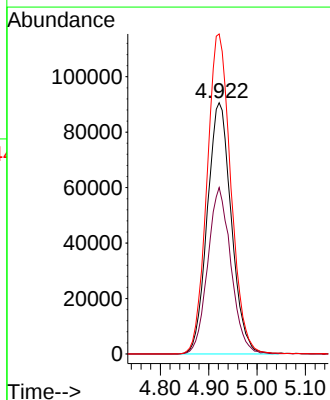
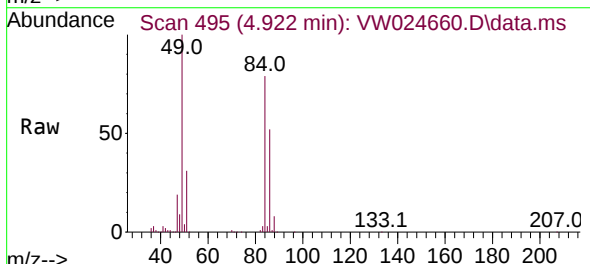
Instrument :  
MSVOA\_W  
ClientSampleId :  
EW807MSD

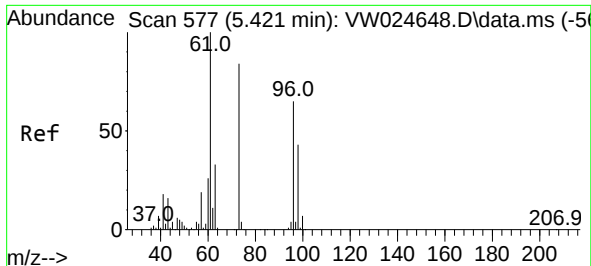
Tgt Ion: 43 Resp: 102597  
Ion Ratio Lower Upper  
43 100  
74 23.2 18.1 27.1



#16  
Methylene chloride  
Concen: 21.948 ug/L  
RT: 4.922 min Scan# 495  
Delta R.T. 0.006 min  
Lab File: VW024660.D  
Acq: 28 Sep 2022 16:00

Tgt Ion: 84 Resp: 312252  
Ion Ratio Lower Upper  
84 100  
86 66.2 44.0 81.8  
49 127.4 87.4 162.2





#17

trans-1,2-Dichloroethene

Concen: 23.419 ug/L

RT: 5.422 min Scan# 51

Delta R.T. 0.000 min

Lab File: VW024660.D

Acq: 28 Sep 2022 16:00

Instrument :

MSVOA\_W

ClientSampleId :

EW807MSD

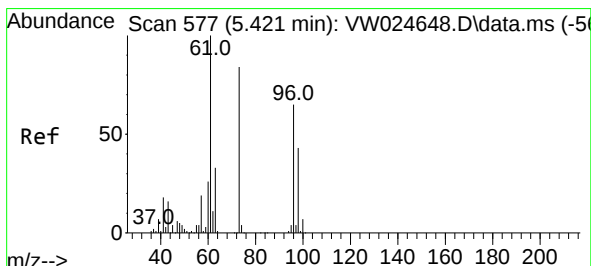
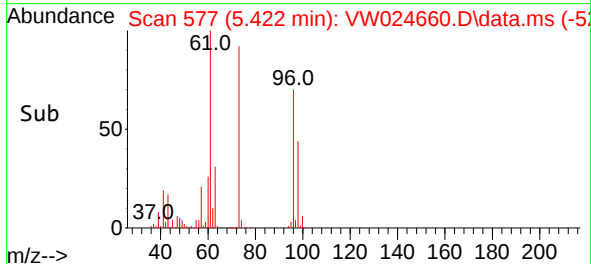
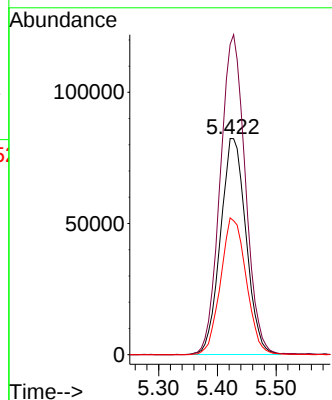
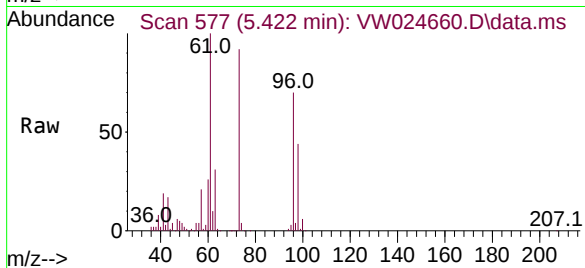
Tgt Ion: 96 Resp: 249370

Ion Ratio Lower Upper

96 100

61 143.5 106.3 197.5

98 63.3 45.1 83.9



#18

Methyl tert-butyl Ether

Concen: 23.170 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.006 min

Lab File: VW024660.D

Acq: 28 Sep 2022 16:00

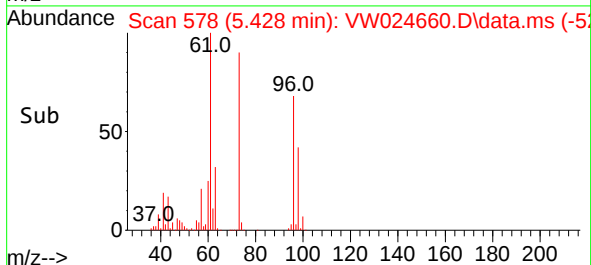
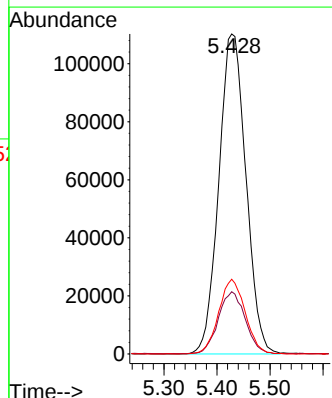
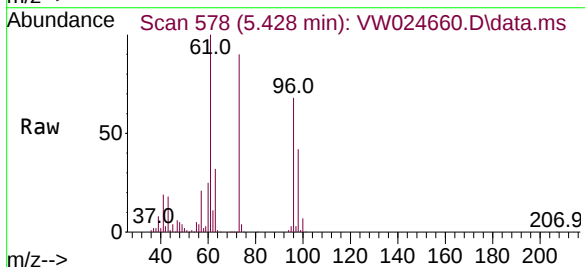
Tgt Ion: 73 Resp: 391182

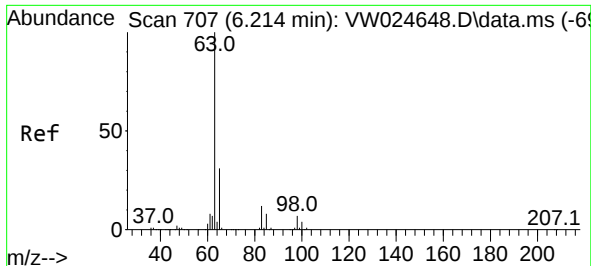
Ion Ratio Lower Upper

73 100

43 19.2 15.6 23.4

57 22.9 18.3 27.5

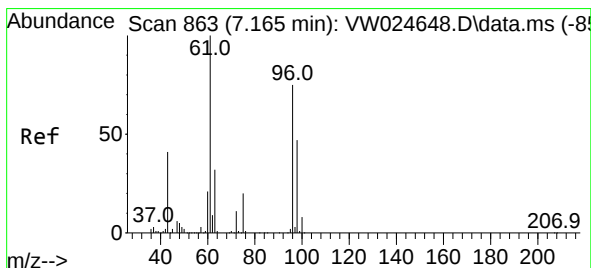
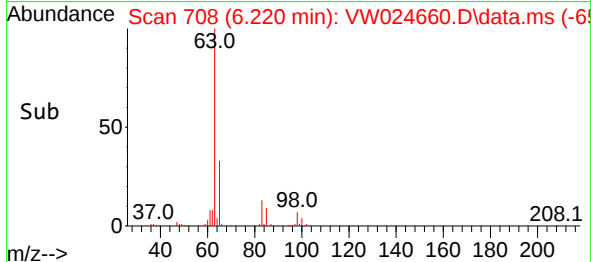
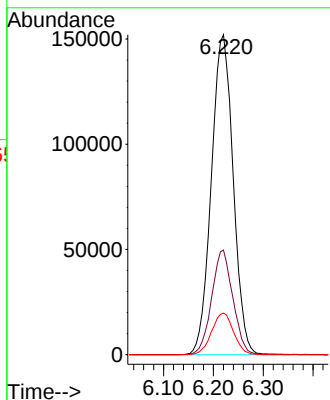
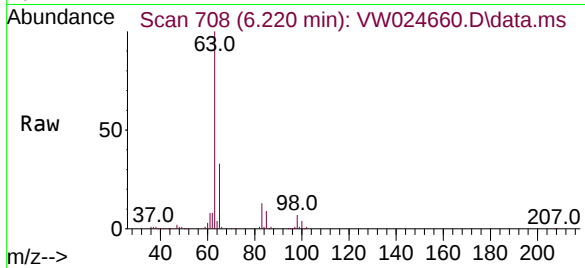




#19  
1,1-Dichloroethane  
Concen: 23.214 ug/L  
RT: 6.220 min Scan# 708  
Delta R.T. 0.006 min  
Lab File: VW024660.D  
Acq: 28 Sep 2022 16:00

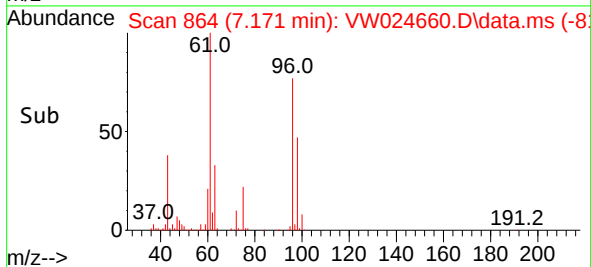
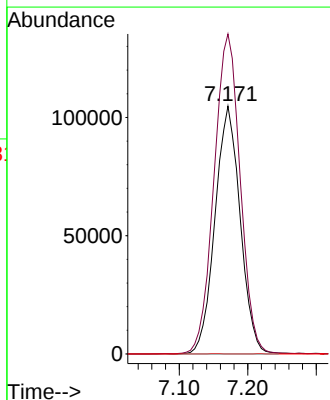
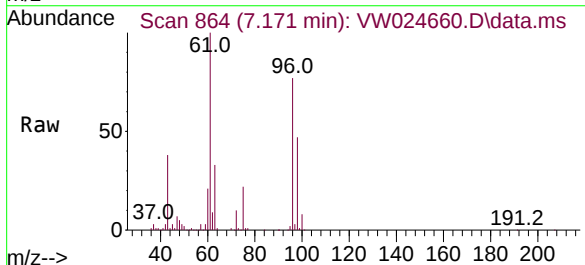
Instrument :  
MSVOA\_W  
ClientSampleId :  
EW807MSD

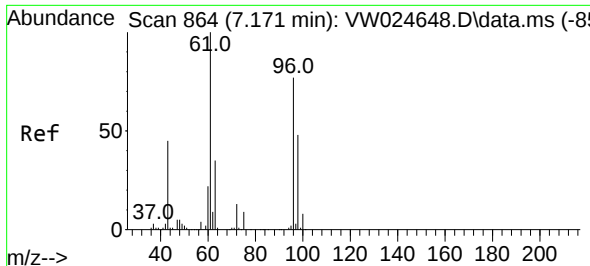
Tgt Ion: 63 Resp: 462445  
Ion Ratio Lower Upper  
63 100  
65 32.7 23.7 43.9  
83 13.0 9.4 17.6



#20  
cis-1,2-Dichloroethene  
Concen: 23.365 ug/L  
RT: 7.171 min Scan# 864  
Delta R.T. 0.006 min  
Lab File: VW024660.D  
Acq: 28 Sep 2022 16:00

Tgt Ion: 96 Resp: 266945  
Ion Ratio Lower Upper  
96 100  
61 129.1 90.2 167.4  
68 0.0 0.0 0.0

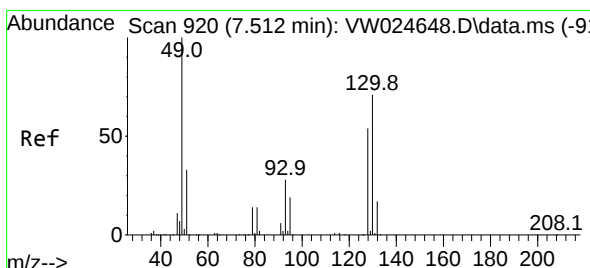
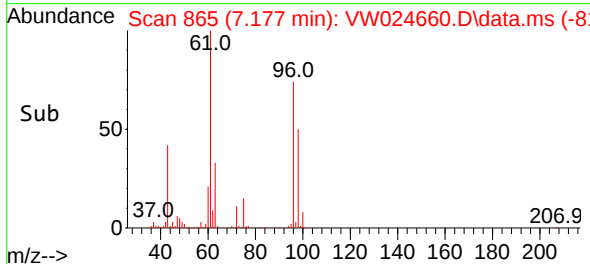
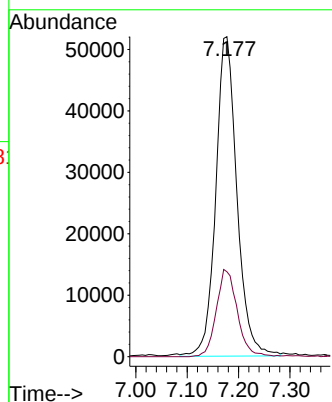
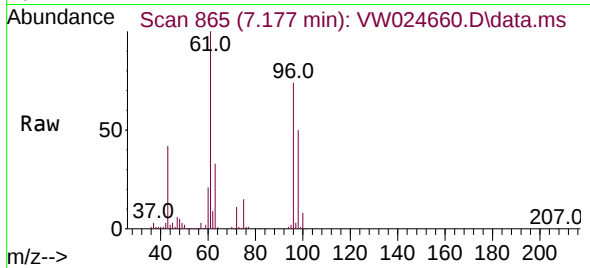




#22  
2-Butanone  
Concen: 46.838 ug/L  
RT: 7.177 min Scan# 864  
Delta R.T. 0.006 min  
Lab File: VW024660.D  
Acq: 28 Sep 2022 16:00

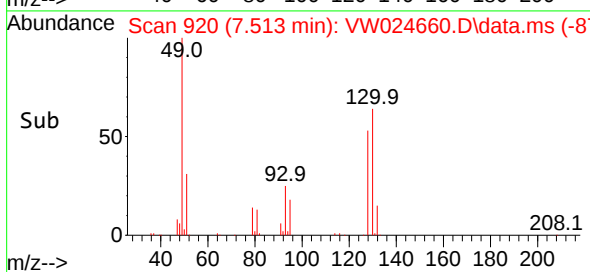
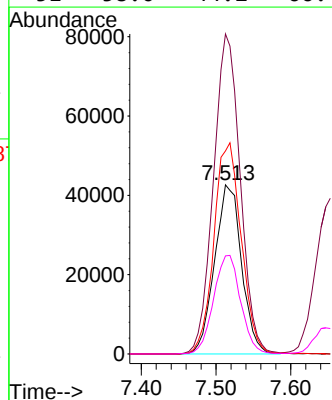
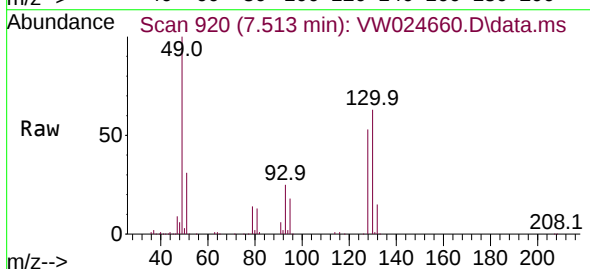
Instrument :  
MSVOA\_W  
ClientSampleId :  
EW807MSD

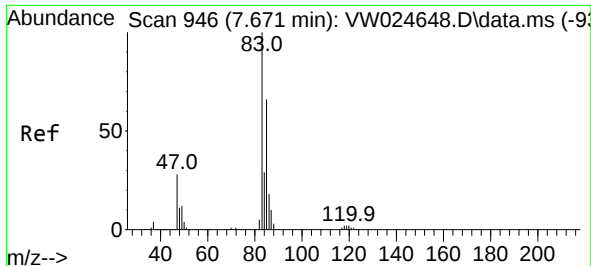
Tgt Ion: 43 Resp: 148948  
Ion Ratio Lower Upper  
43 100  
72 26.9 13.8 41.3



#23  
Bromochloromethane  
Concen: 23.071 ug/L  
RT: 7.513 min Scan# 920  
Delta R.T. 0.000 min  
Lab File: VW024660.D  
Acq: 28 Sep 2022 16:00

Tgt Ion: 128 Resp: 107131  
Ion Ratio Lower Upper  
128 100  
49 189.3 127.3 236.3  
130 120.1 90.2 167.4  
51 58.0 44.2 66.4

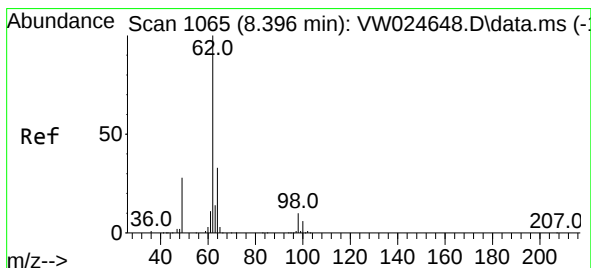
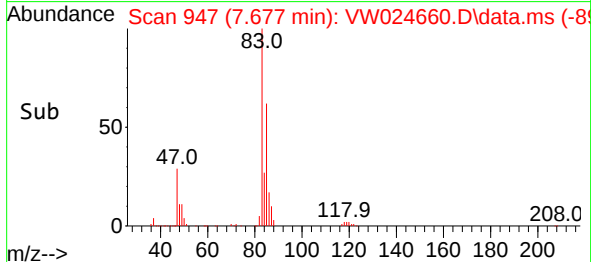
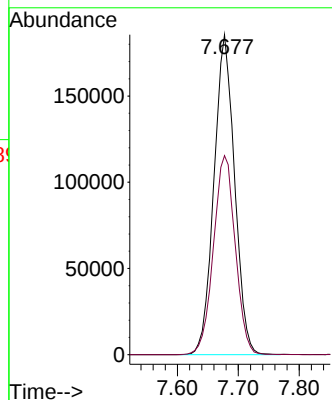
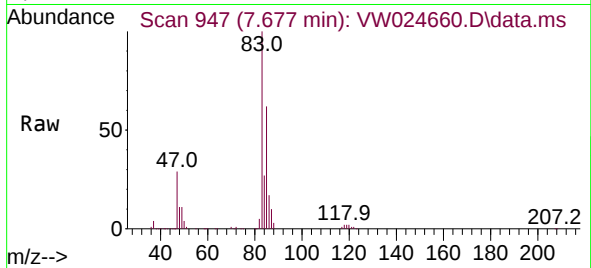




#25  
Chloroform  
Concen: 23.131 ug/L  
RT: 7.677 min Scan# 946  
Delta R.T. 0.006 min  
Lab File: VW024660.D  
Acq: 28 Sep 2022 16:00

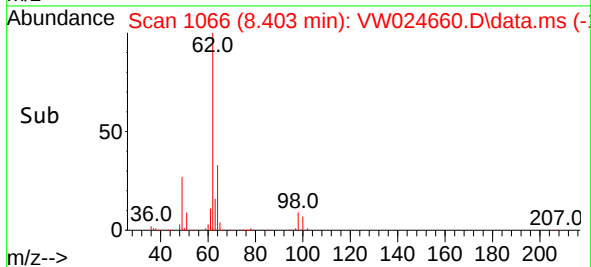
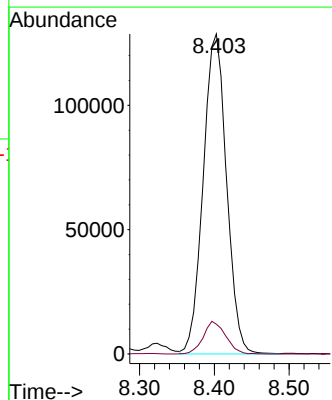
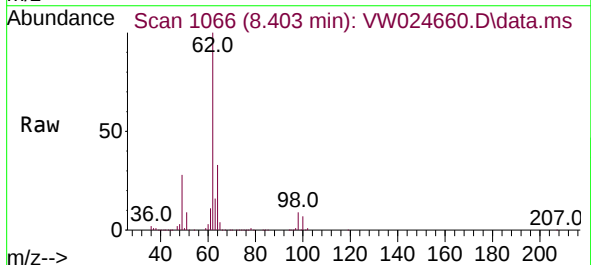
Instrument :  
MSVOA\_W  
ClientSampleId :  
EW807MSD

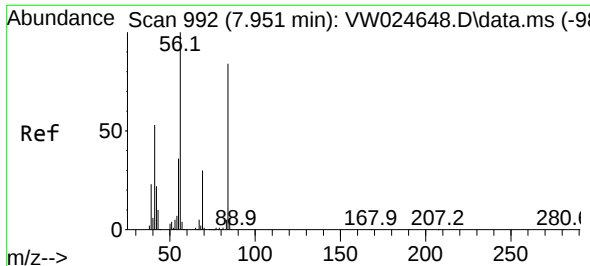
Tgt Ion: 83 Resp: 436958  
Ion Ratio Lower Upper  
83 100  
85 62.2 44.0 81.8



#27  
1,2-Dichloroethane  
Concen: 23.494 ug/L  
RT: 8.403 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VW024660.D  
Acq: 28 Sep 2022 16:00

Tgt Ion: 62 Resp: 279271  
Ion Ratio Lower Upper  
62 100  
98 9.3 7.8 11.8

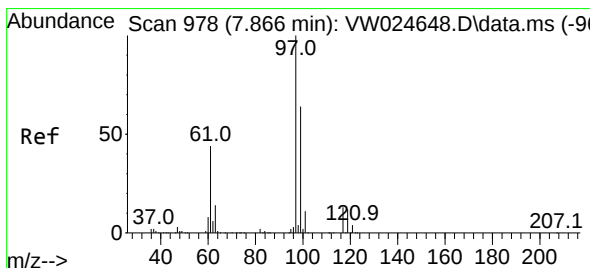
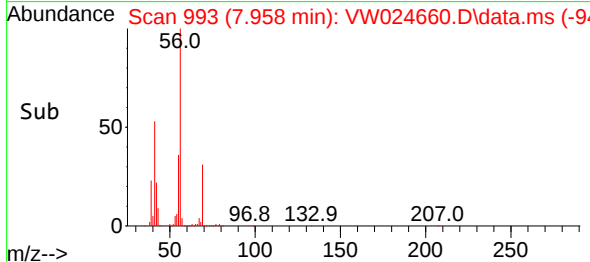
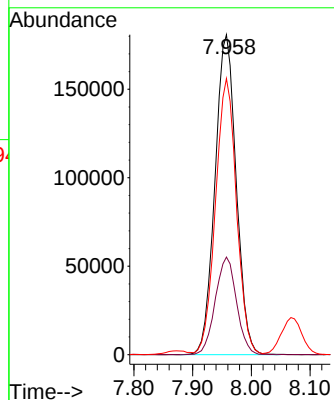
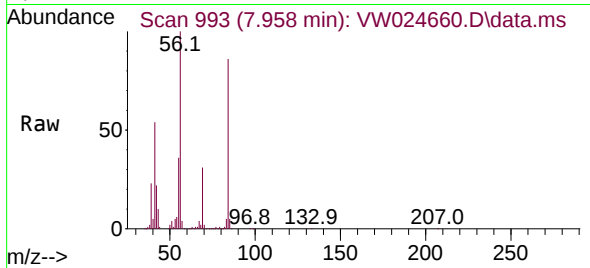




#29  
Cyclohexane  
Concen: 22.396 ug/L  
RT: 7.958 min Scan# 992  
Delta R.T. 0.006 min  
Lab File: VW024660.D  
Acq: 28 Sep 2022 16:00

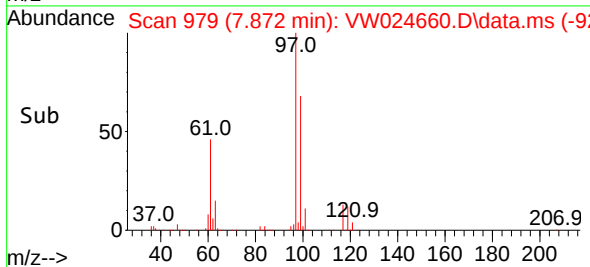
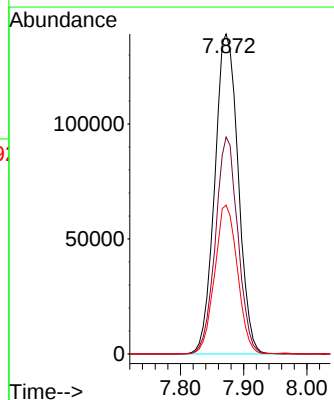
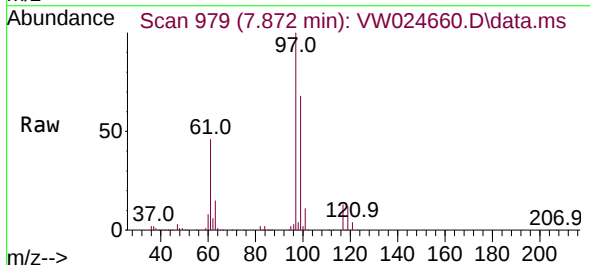
Instrument :  
MSVOA\_W  
ClientSampleId :  
EW807MSD

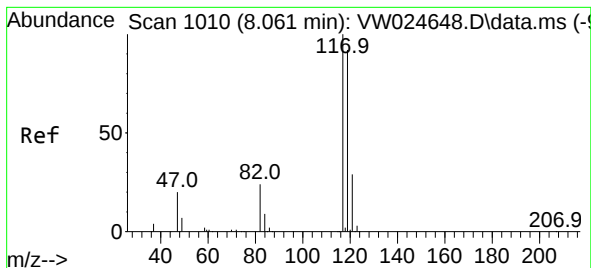
Tgt Ion: 56 Resp: 453139  
Ion Ratio Lower Upper  
56 100  
69 30.6 25.0 37.4  
84 85.5 68.1 102.1



#30  
1,1,1-Trichloroethane  
Concen: 22.754 ug/L  
RT: 7.872 min Scan# 979  
Delta R.T. 0.006 min  
Lab File: VW024660.D  
Acq: 28 Sep 2022 16:00

Tgt Ion: 97 Resp: 357671  
Ion Ratio Lower Upper  
97 100  
99 64.8 51.1 76.7  
61 45.3 35.8 53.6





#31

Carbon tetrachloride

Concen: 23.460 ug/L

RT: 8.067 min Scan# 1010

Delta R.T. 0.006 min

Lab File: VW024660.D

Acq: 28 Sep 2022 16:00

Instrument :

MSVOA\_W

ClientSampleId :

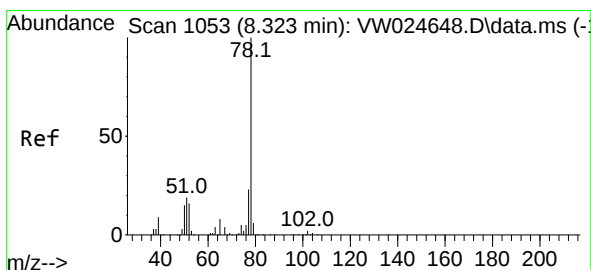
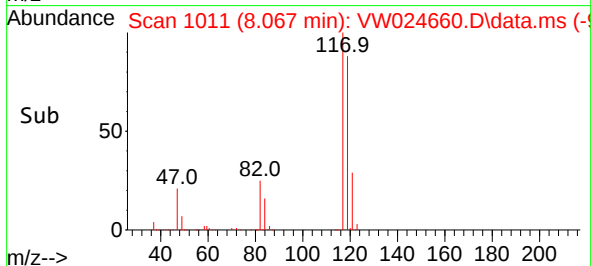
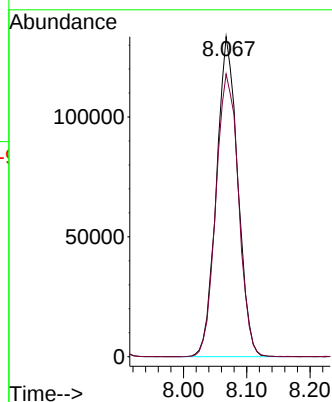
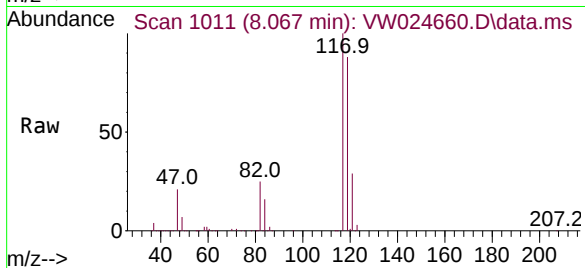
EW807MSD

Tgt Ion:117 Resp: 312288

Ion Ratio Lower Upper

117 100

119 93.7 76.2 114.2



#33

Benzene

Concen: 22.713 ug/L

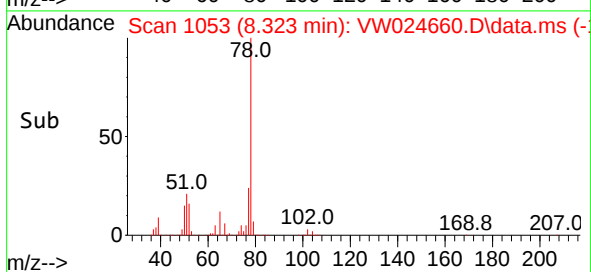
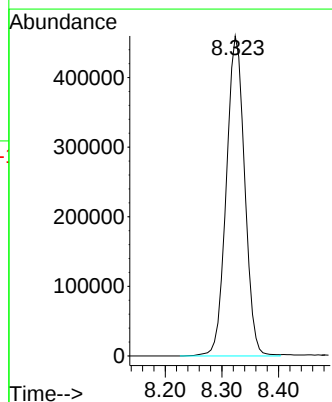
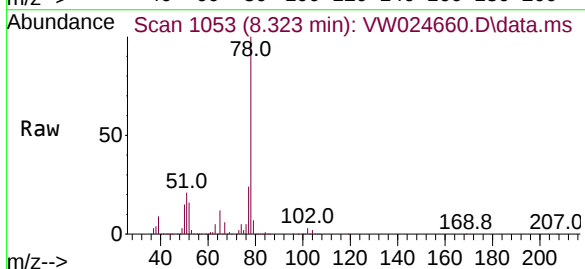
RT: 8.323 min Scan# 1053

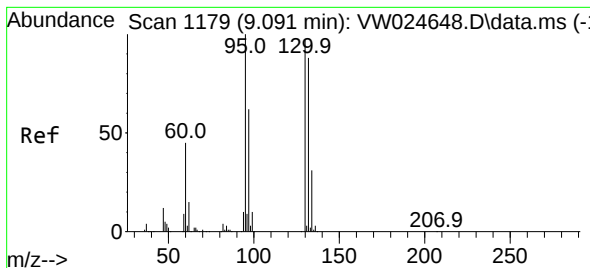
Delta R.T. 0.000 min

Lab File: VW024660.D

Acq: 28 Sep 2022 16:00

Tgt Ion: 78 Resp: 1032686





#34

Trichloroethene

Concen: 22.433 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024660.D

Acq: 28 Sep 2022 16:00

Instrument :

MSVOA\_W

ClientSampleId :

EW807MSD

Tgt Ion: 95 Resp: 258514

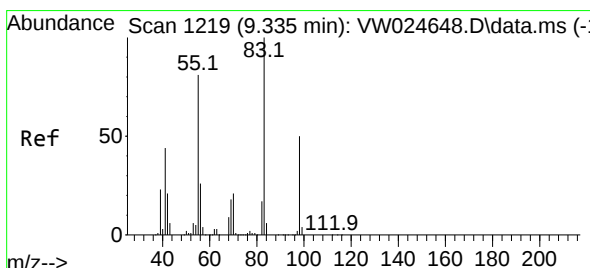
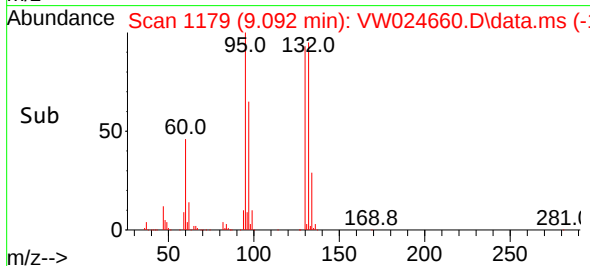
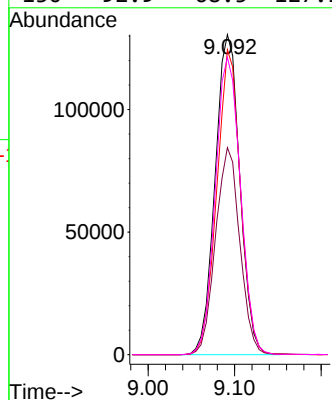
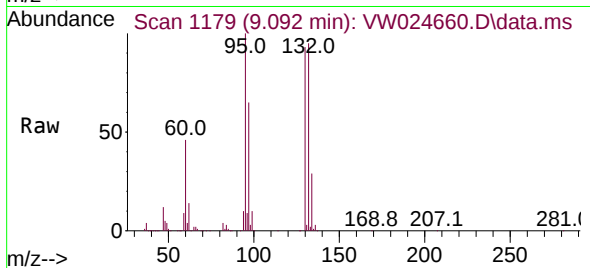
Ion Ratio Lower Upper

95 100

97 64.7 43.5 80.9

132 95.3 61.2 113.8

130 92.9 68.5 127.1



#35

Methylcyclohexane

Concen: 22.097 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024660.D

Acq: 28 Sep 2022 16:00

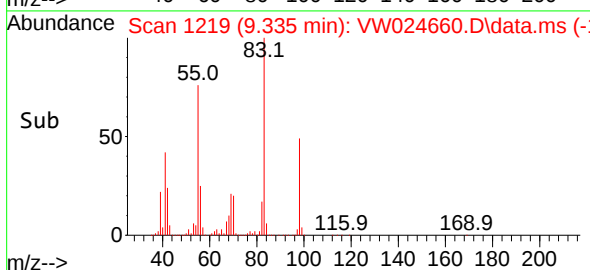
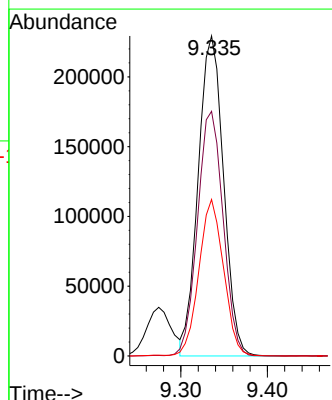
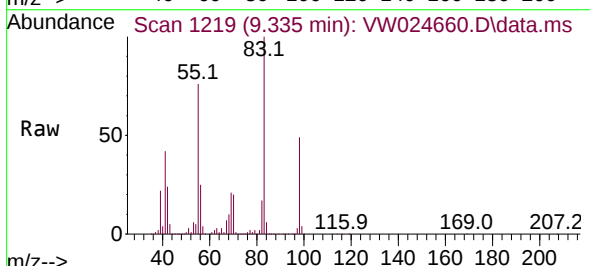
Tgt Ion: 83 Resp: 466788

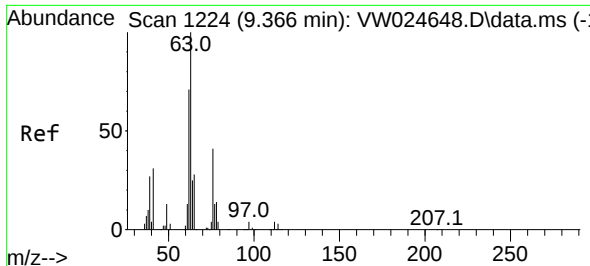
Ion Ratio Lower Upper

83 100

55 77.2 63.1 94.7

98 47.6 38.3 57.5





#37

1,2-Dichloropropane

Concen: 22.856 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024660.D

Acq: 28 Sep 2022 16:00

Instrument :

MSVOA\_W

ClientSampleId :

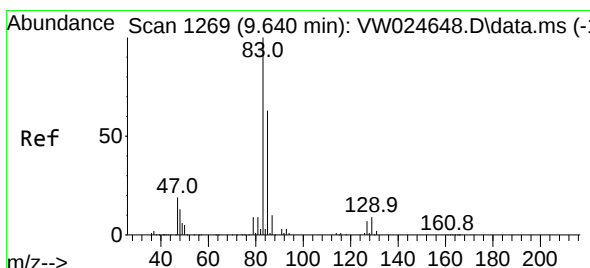
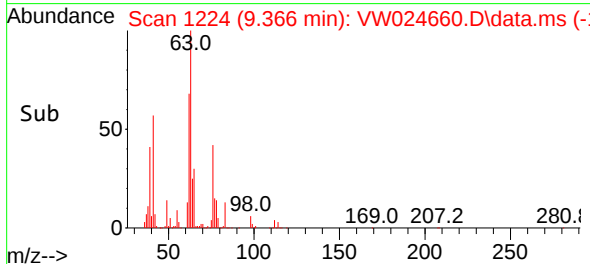
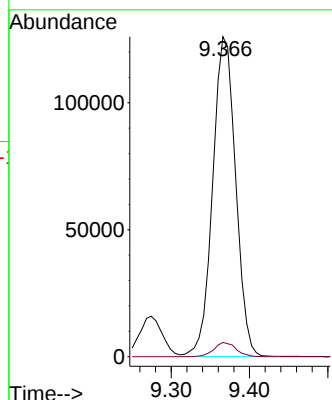
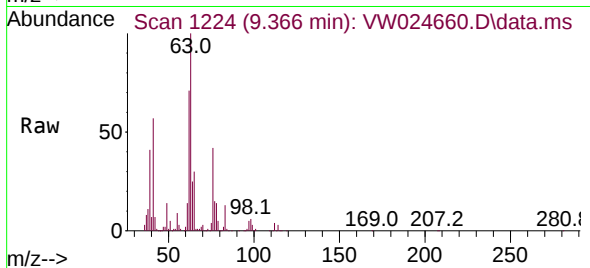
EW807MSD

Tgt Ion: 63 Resp: 256546

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 22.784 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW024660.D

Acq: 28 Sep 2022 16:00

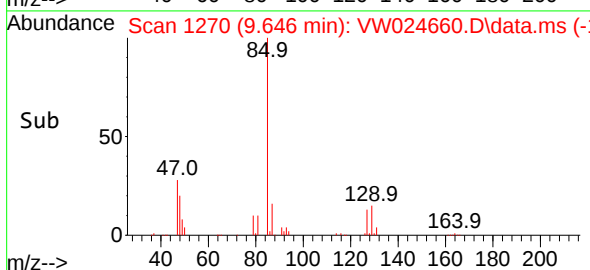
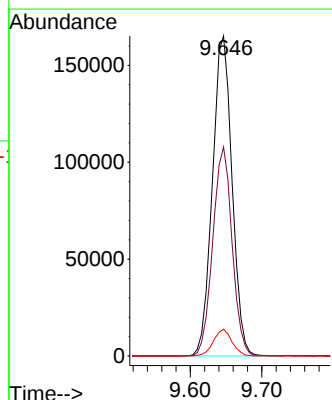
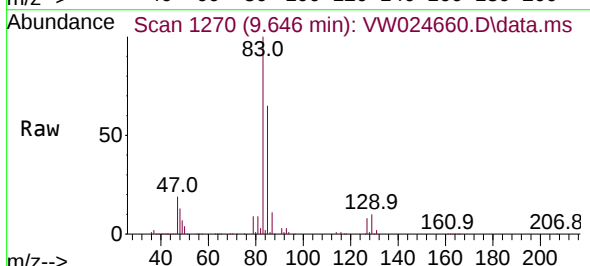
Tgt Ion: 83 Resp: 314583

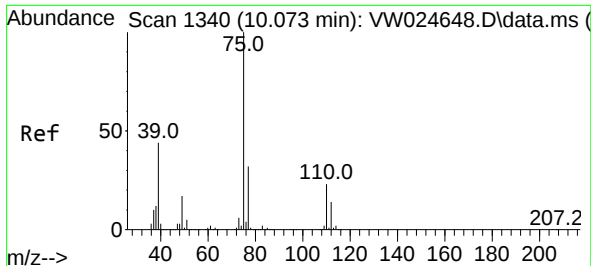
Ion Ratio Lower Upper

83 100

85 65.3 45.6 84.8

127 8.4 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 22.902 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024660.D

Acq: 28 Sep 2022 16:00

Instrument :

MSVOA\_W

ClientSampleId :

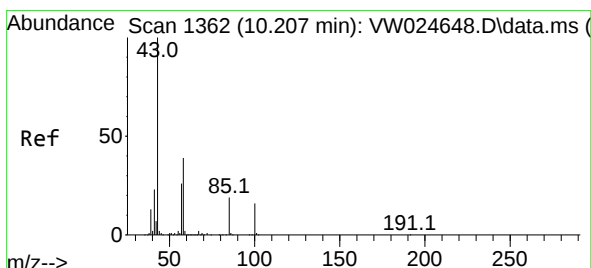
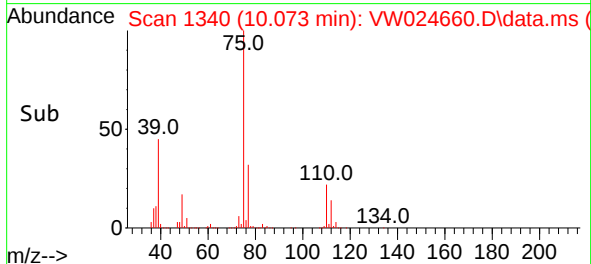
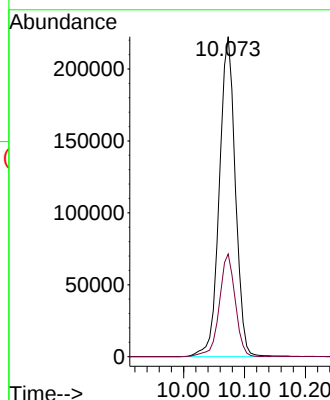
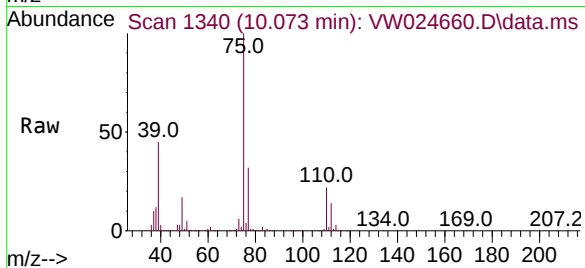
EW807MSD

Tgt Ion: 75 Resp: 406510

Ion Ratio Lower Upper

75 100

77 32.1 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 45.553 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024660.D

Acq: 28 Sep 2022 16:00

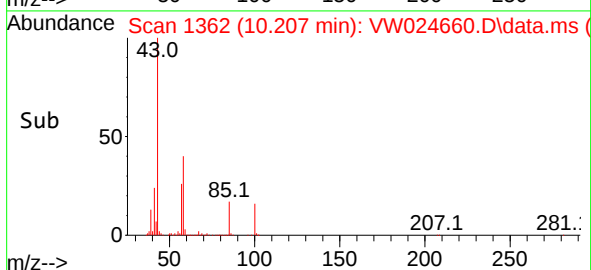
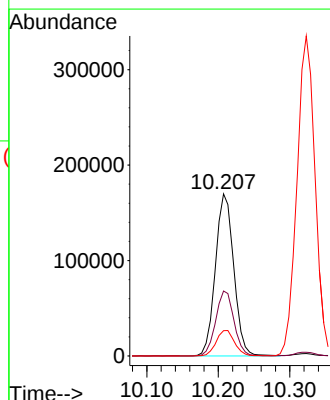
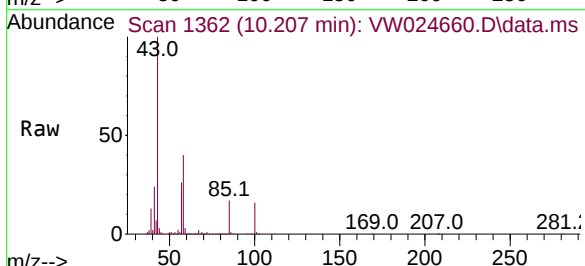
Tgt Ion: 43 Resp: 302647

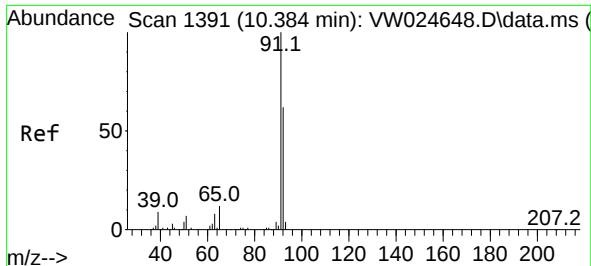
Ion Ratio Lower Upper

43 100

58 40.0 32.9 49.3

100 15.9 12.6 19.0

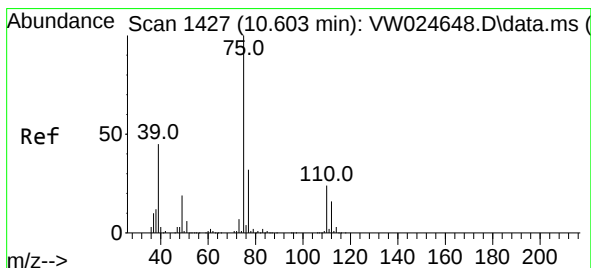
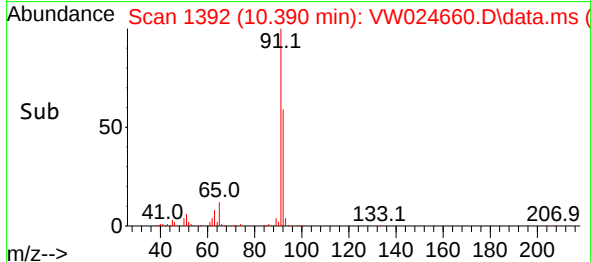
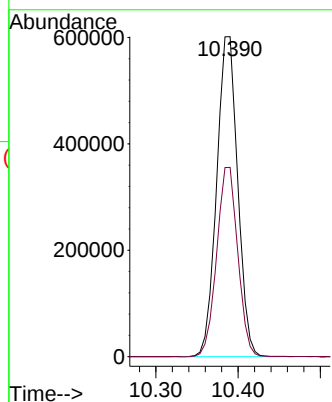
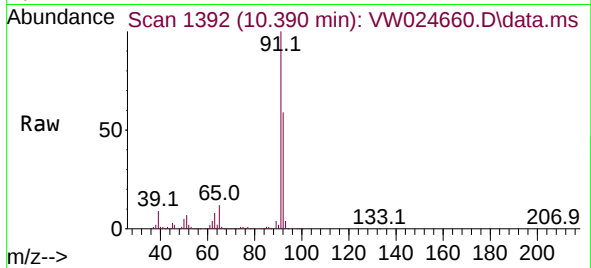




#42  
Toluene  
Concen: 22.785 ug/L  
RT: 10.390 min Scan# 1391  
Delta R.T. 0.006 min  
Lab File: VW024660.D  
Acq: 28 Sep 2022 16:00

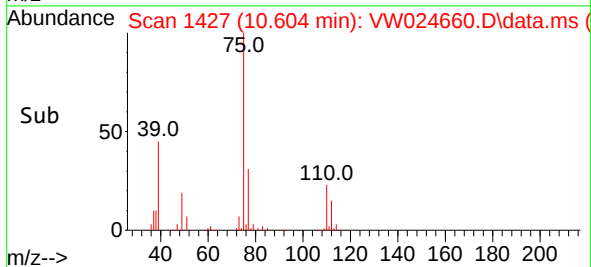
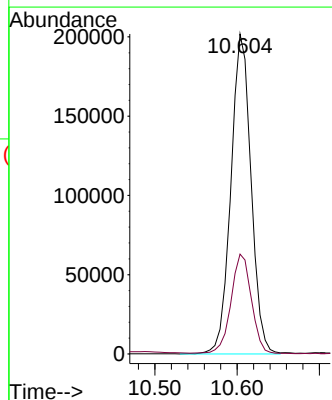
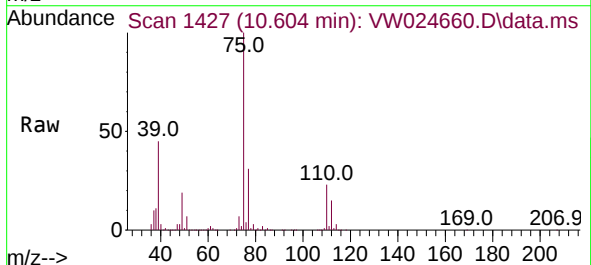
Instrument :  
MSVOA\_W  
ClientSampleId :  
EW807MSD

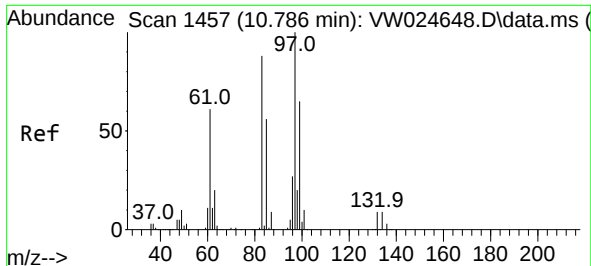
Tgt Ion: 91 Resp: 1069774  
Ion Ratio Lower Upper  
91 100  
92 59.1 41.0 76.2



#44  
trans-1,3-Dichloropropene  
Concen: 22.565 ug/L  
RT: 10.604 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: VW024660.D  
Acq: 28 Sep 2022 16:00

Tgt Ion: 75 Resp: 343391  
Ion Ratio Lower Upper  
75 100  
77 31.2 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 22.496 ug/L

RT: 10.786 min Scan# 14

Delta R.T. 0.000 min

Lab File: VW024660.D

Acq: 28 Sep 2022 16:00

Instrument :

MSVOA\_W

ClientSampleId :

EW807MSD

Tgt Ion: 97 Resp: 172472

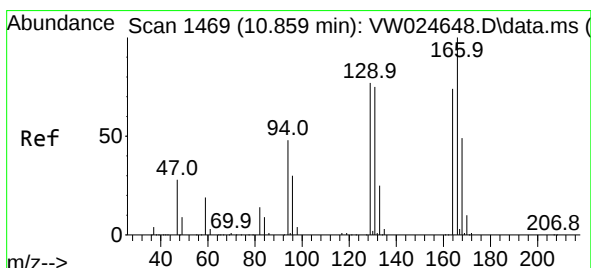
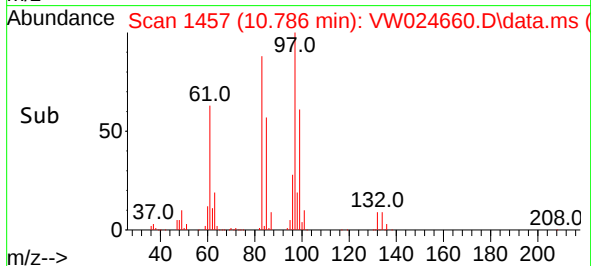
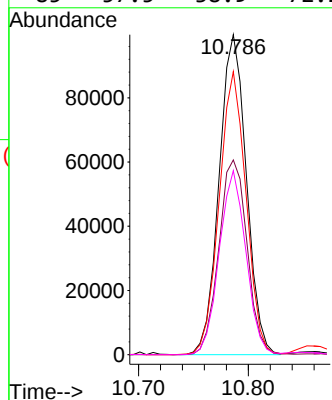
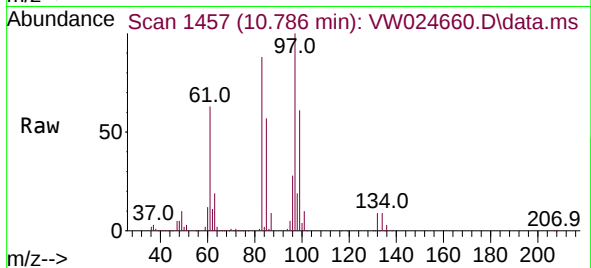
Ion Ratio Lower Upper

97 100

99 60.9 43.8 81.4

83 88.4 60.1 111.5

85 57.5 38.9 72.2



#46

Tetrachloroethene

Concen: 21.499 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW024660.D

Acq: 28 Sep 2022 16:00

Tgt Ion:164 Resp: 168335

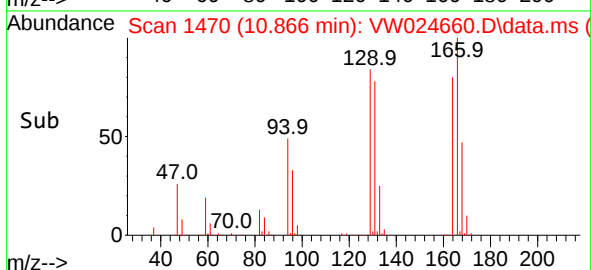
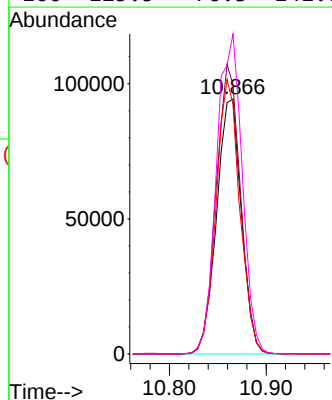
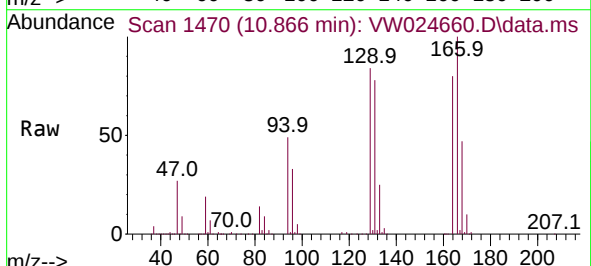
Ion Ratio Lower Upper

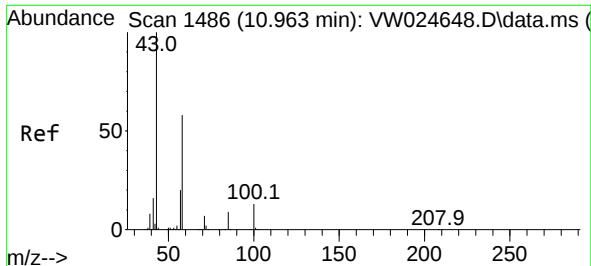
164 100

129 105.6 74.1 137.5

131 97.8 71.5 132.7

166 125.5 76.3 141.7

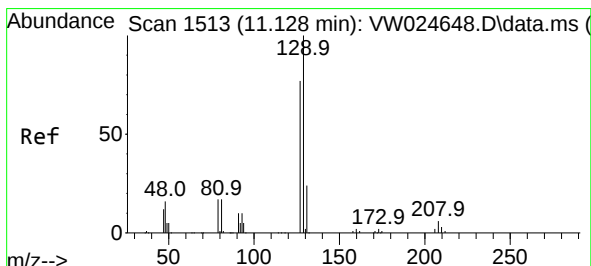
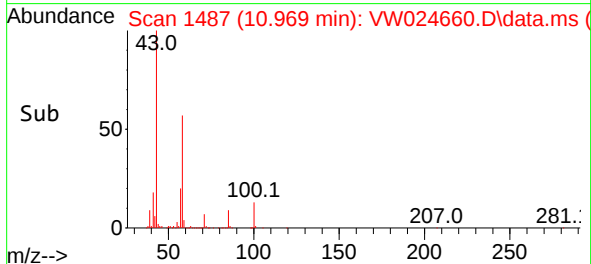
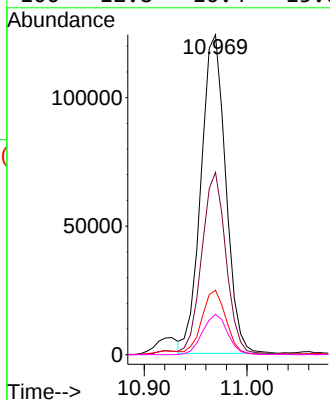
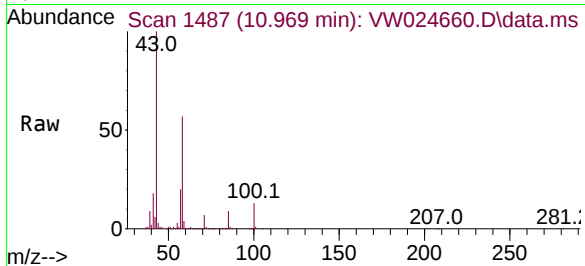




#48  
2-Hexanone  
Concen: 46.112 ug/L  
RT: 10.969 min Scan# 1487  
Delta R.T. 0.006 min  
Lab File: VW024660.D  
Acq: 28 Sep 2022 16:00

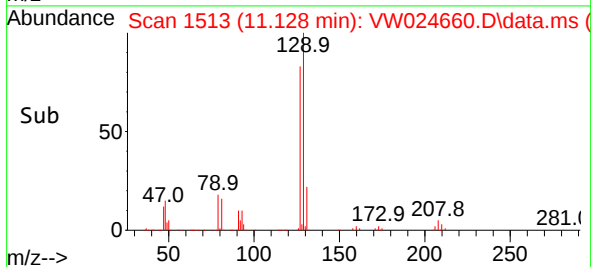
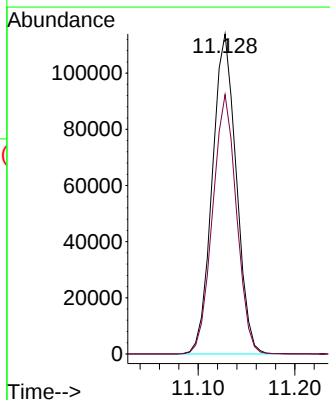
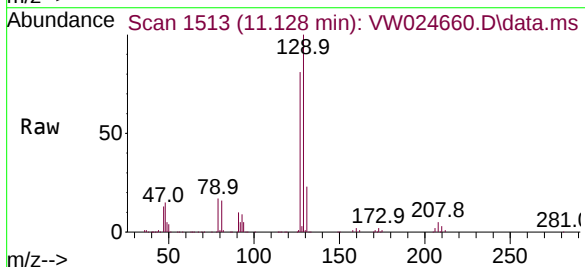
Instrument :  
MSVOA\_W  
ClientSampleId :  
EW807MSD

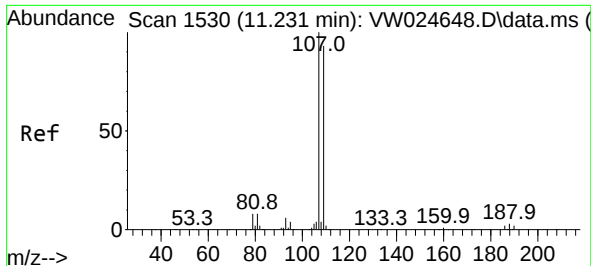
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 207160 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 56.1  | 45.3  | 67.9   |
| 57       | 20.0  | 16.3  | 24.5   |
| 100      | 12.8  | 10.4  | 15.6   |



#49  
Dibromochloromethane  
Concen: 22.700 ug/L  
RT: 11.128 min Scan# 1513  
Delta R.T. 0.000 min  
Lab File: VW024660.D  
Acq: 28 Sep 2022 16:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 129   | Resp: | 195975 |
| Ion      | Ratio | Lower | Upper  |
| 129      | 100   |       |        |
| 127      | 81.0  | 52.4  | 97.4   |

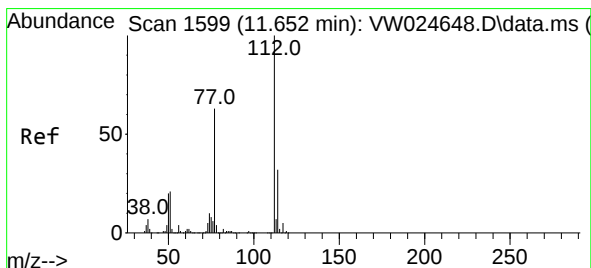
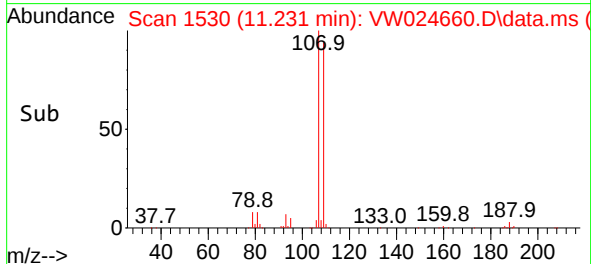
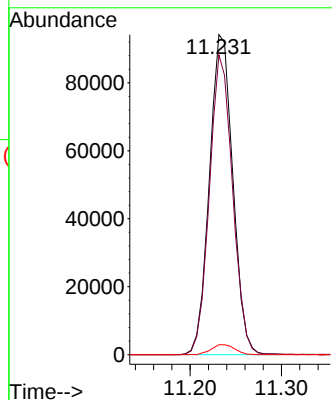
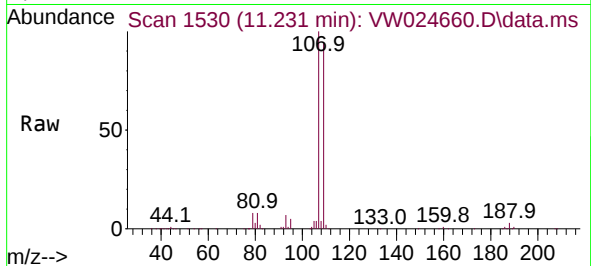




#50  
1,2-Dibromoethane  
Concen: 23.067 ug/L  
RT: 11.231 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VW024660.D  
Acq: 28 Sep 2022 16:00

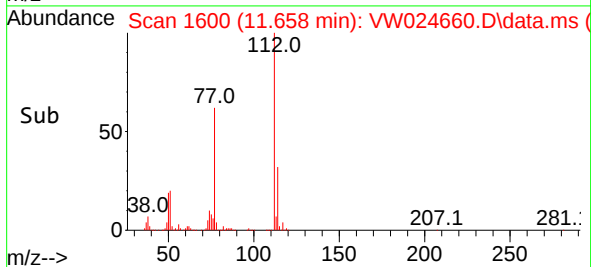
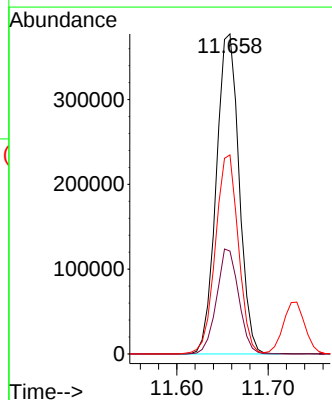
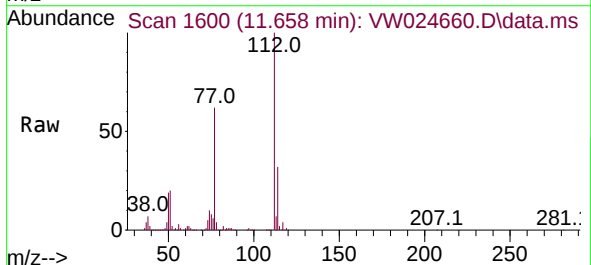
Instrument :  
MSVOA\_W  
ClientSampleId :  
EW807MSD

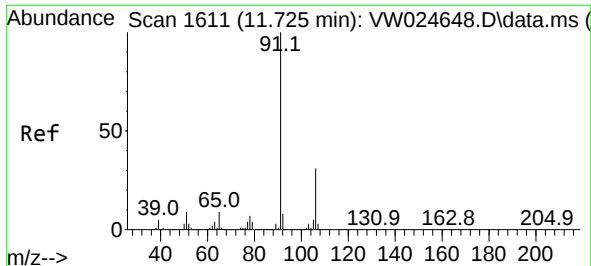
Tgt Ion:107 Resp: 167393  
Ion Ratio Lower Upper  
107 100  
109 93.6 65.5 121.7  
188 3.1 2.4 3.6



#51  
Chlorobenzene  
Concen: 22.792 ug/L  
RT: 11.658 min Scan# 1600  
Delta R.T. 0.006 min  
Lab File: VW024660.D  
Acq: 28 Sep 2022 16:00

Tgt Ion:112 Resp: 655229  
Ion Ratio Lower Upper  
112 100  
114 32.1 23.3 43.3  
77 62.2 49.1 73.7

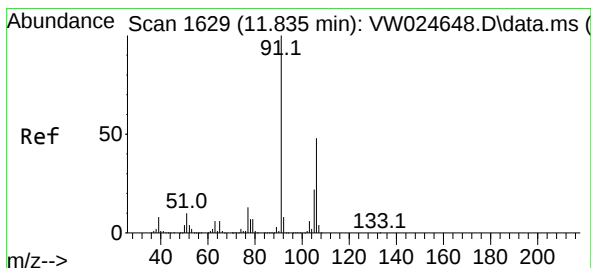
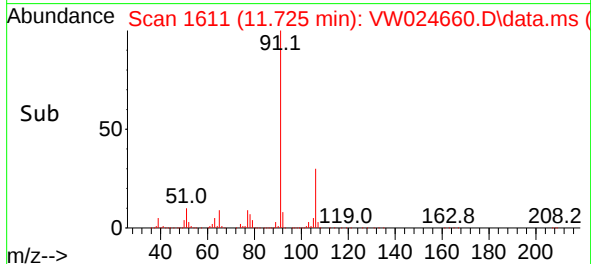
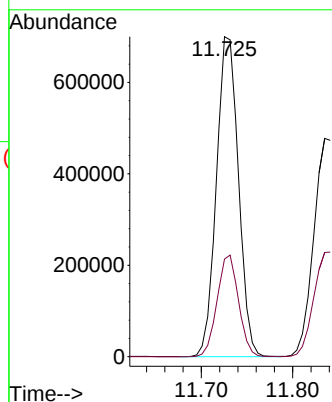
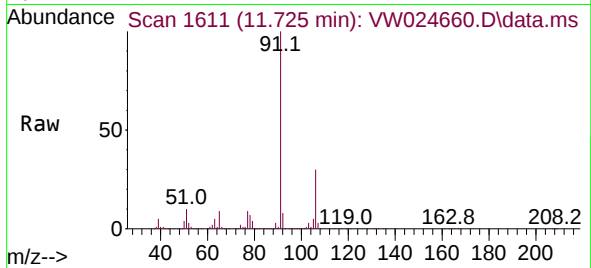




#52  
Ethylbenzene  
Concen: 22.720 ug/L  
RT: 11.725 min Scan# 1611  
Delta R.T. 0.000 min  
Lab File: VW024660.D  
Acq: 28 Sep 2022 16:00

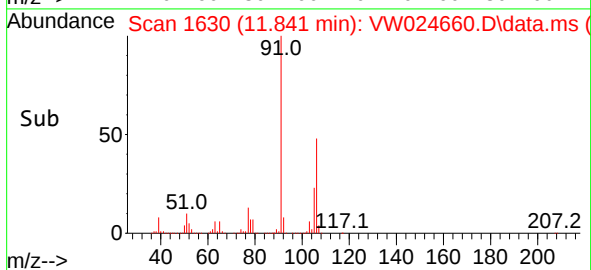
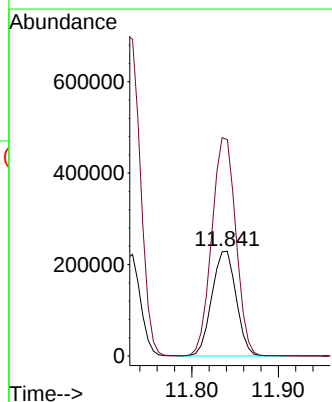
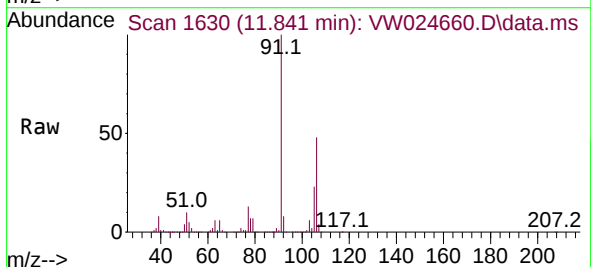
Instrument :  
MSVOA\_W  
ClientSampleId :  
EW807MSD

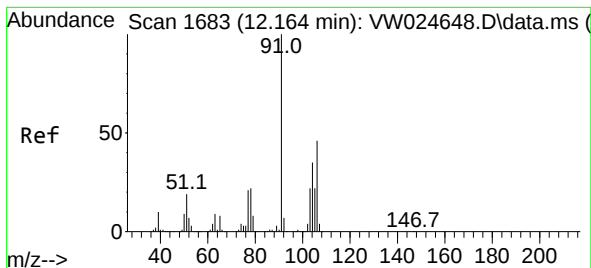
Tgt Ion: 91 Resp: 1175010  
Ion Ratio Lower Upper  
91 100  
106 30.5 21.5 39.9



#53  
m,p-Xylene  
Concen: 22.124 ug/L  
RT: 11.841 min Scan# 1630  
Delta R.T. 0.006 min  
Lab File: VW024660.D  
Acq: 28 Sep 2022 16:00

Tgt Ion:106 Resp: 446794  
Ion Ratio Lower Upper  
106 100  
91 206.7 146.8 272.6





#54

o-Xylene

Concen: 23.086 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024660.D

Acq: 28 Sep 2022 16:00

Instrument :

MSVOA\_W

ClientSampleId :

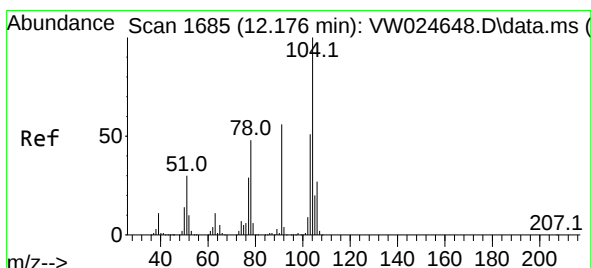
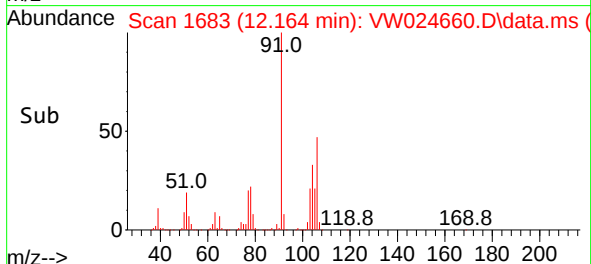
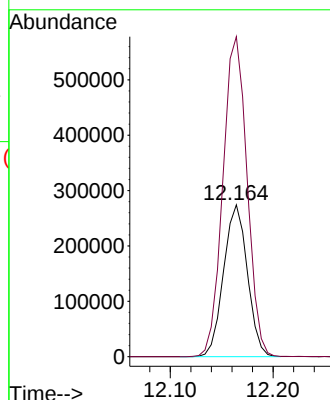
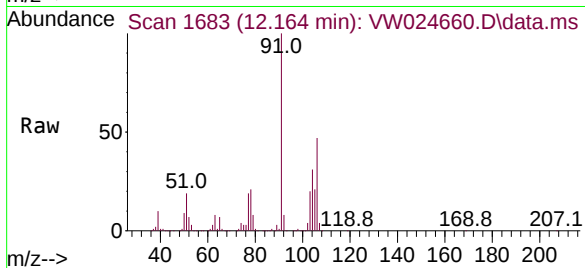
EW807MSD

Tgt Ion:106 Resp: 440266

Ion Ratio Lower Upper

106 100

91 210.8 146.3 271.7



#55

Styrene

Concen: 22.850 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW024660.D

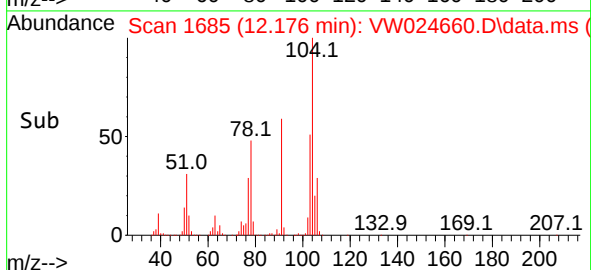
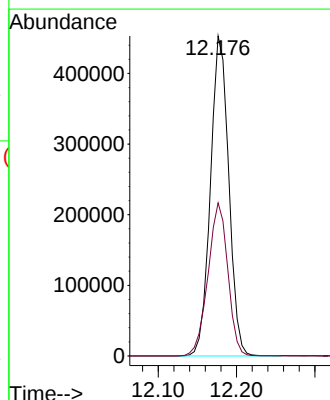
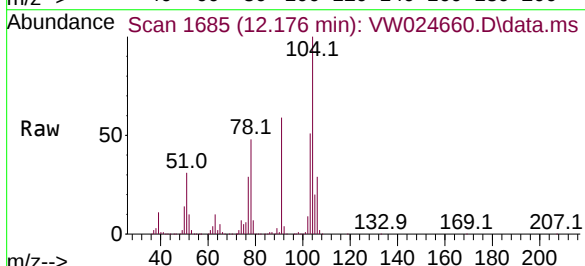
Acq: 28 Sep 2022 16:00

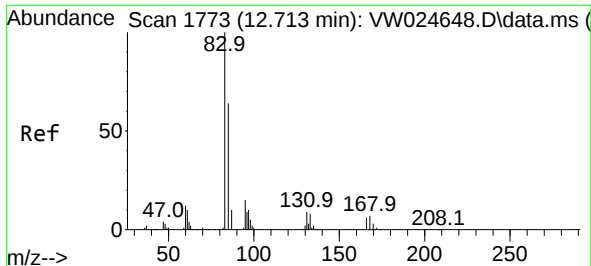
Tgt Ion:104 Resp: 734594

Ion Ratio Lower Upper

104 100

78 47.8 33.5 62.1





#57

1,1,2-Tetrachloroethane

Concen: 22.921 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024660.D

Acq: 28 Sep 2022 16:00

Instrument :

MSVOA\_W

ClientSampleId :

EW807MSD

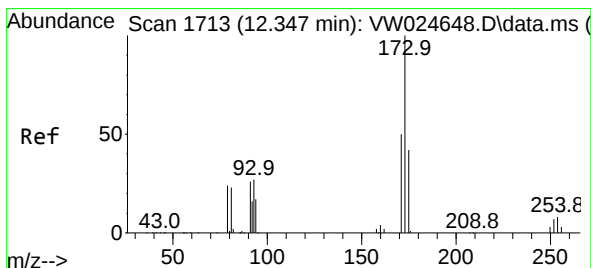
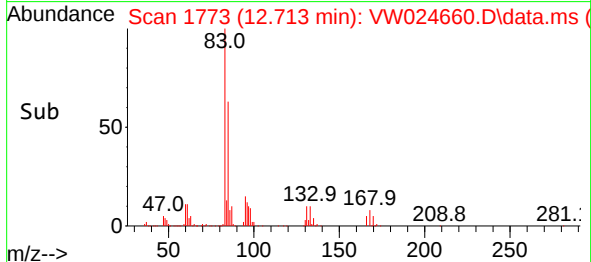
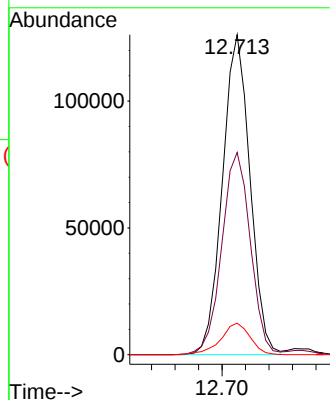
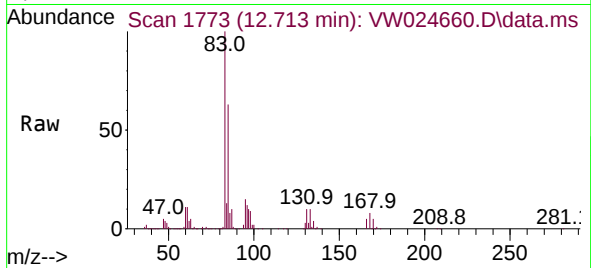
Tgt Ion: 83 Resp: 205759

Ion Ratio Lower Upper

83 100

85 63.2 45.2 84.0

131 9.9 7.3 10.9



#59

Bromoform

Concen: 23.804 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024660.D

Acq: 28 Sep 2022 16:00

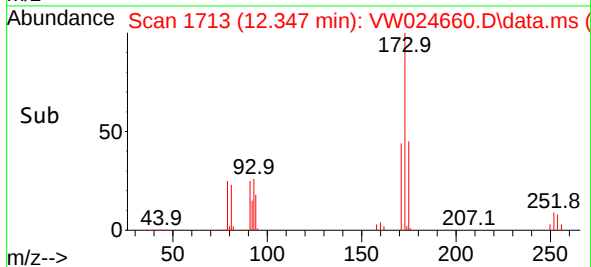
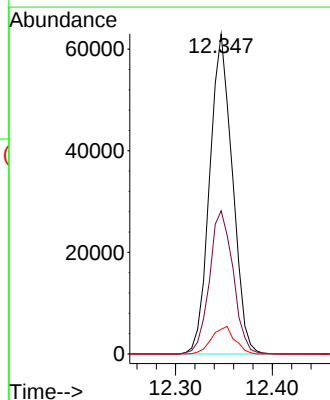
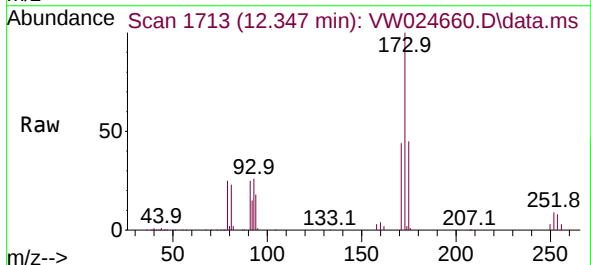
Tgt Ion:173 Resp: 102855

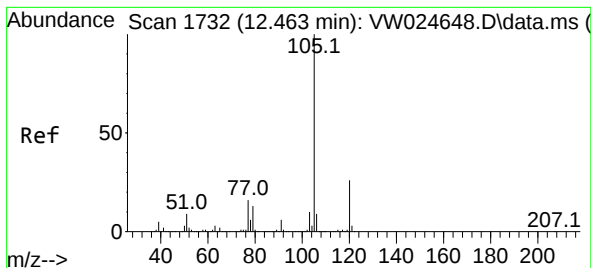
Ion Ratio Lower Upper

173 100

175 46.5 37.7 56.5

254 8.7 6.7 10.1

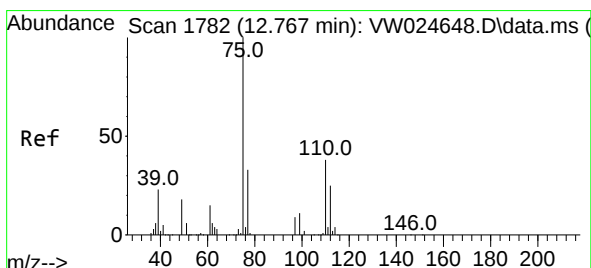
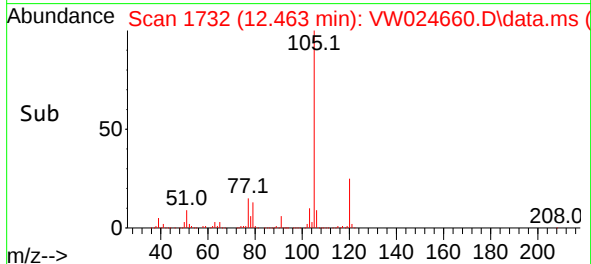
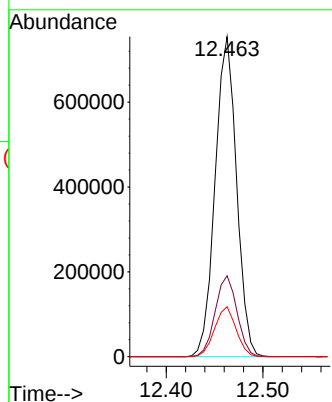
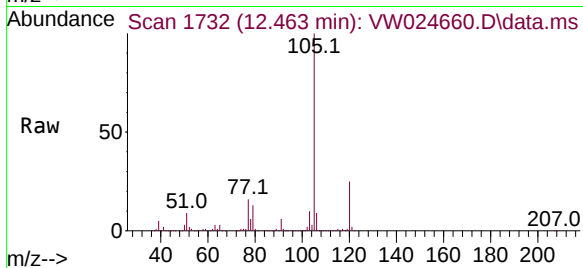




#60  
Isopropylbenzene  
Concen: 23.275 ug/L  
RT: 12.463 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VW024660.D  
Acq: 28 Sep 2022 16:00

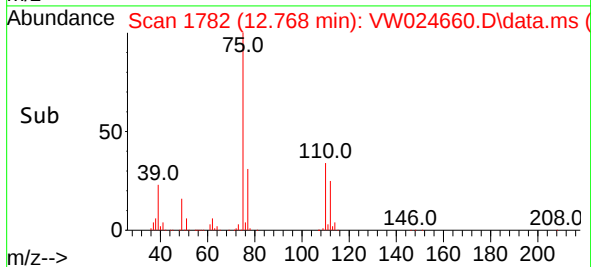
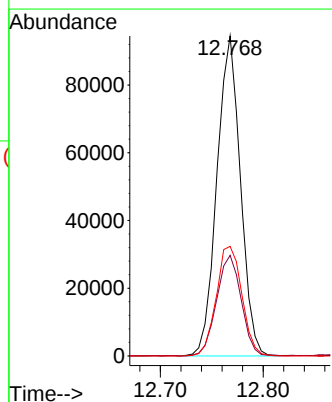
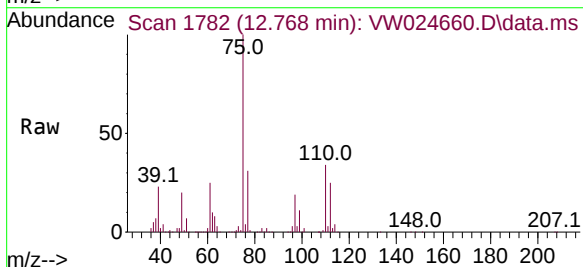
Instrument :  
MSVOA\_W  
ClientSampleId :  
EW807MSD

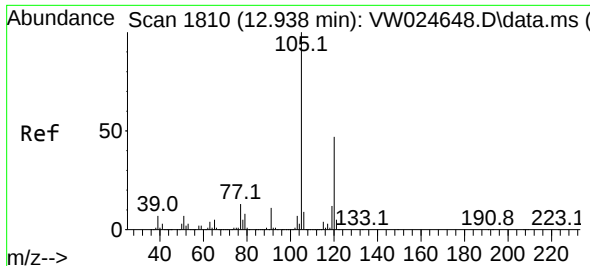
Tgt Ion:105 Resp: 1159549  
Ion Ratio Lower Upper  
105 100  
120 25.8 20.9 31.3  
77 15.7 12.7 19.1



#61  
1,2,3-Trichloropropane  
Concen: 22.791 ug/L  
RT: 12.768 min Scan# 1782  
Delta R.T. 0.000 min  
Lab File: VW024660.D  
Acq: 28 Sep 2022 16:00

Tgt Ion: 75 Resp: 150071  
Ion Ratio Lower Upper  
75 100  
77 32.8 25.8 38.6  
110 37.2 29.2 43.8

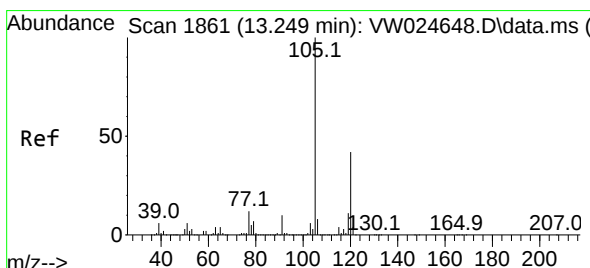
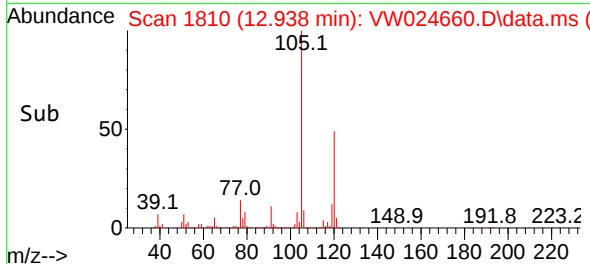
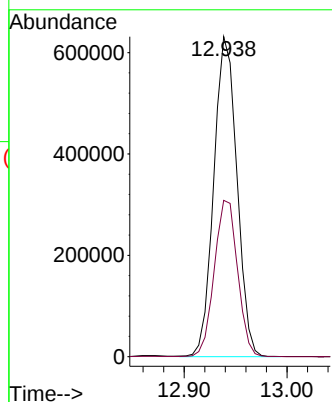
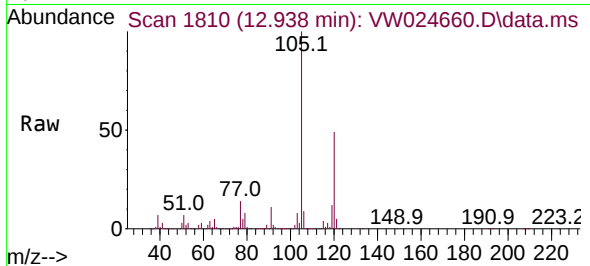




#62  
 1,3,5-Trimethylbenzene  
 Concen: 22.796 ug/L  
 RT: 12.938 min Scan# 1810  
 Delta R.T. 0.000 min  
 Lab File: VW024660.D  
 Acq: 28 Sep 2022 16:00

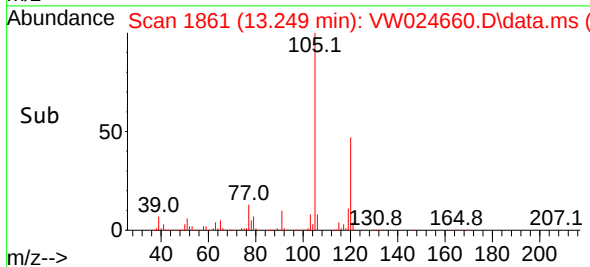
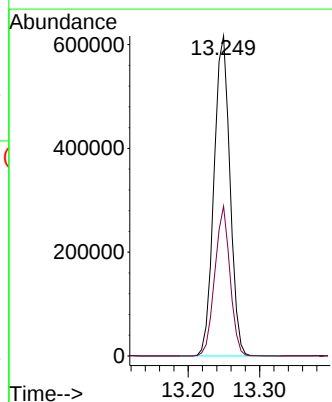
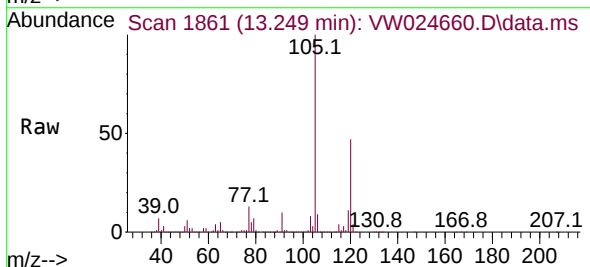
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW807MSD

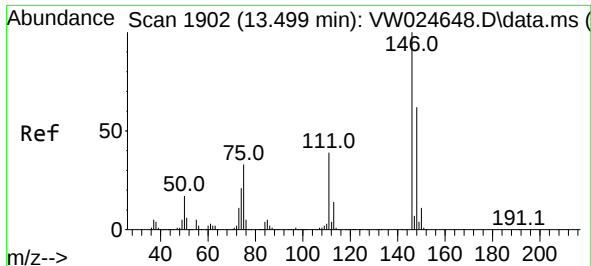
Tgt Ion:105 Resp: 987090  
 Ion Ratio Lower Upper  
 105 100  
 120 49.2 38.8 58.2



#63  
 1,2,4-Trimethylbenzene  
 Concen: 22.555 ug/L  
 RT: 13.249 min Scan# 1861  
 Delta R.T. 0.000 min  
 Lab File: VW024660.D  
 Acq: 28 Sep 2022 16:00

Tgt Ion:105 Resp: 956772  
 Ion Ratio Lower Upper  
 105 100  
 120 44.4 35.2 52.8

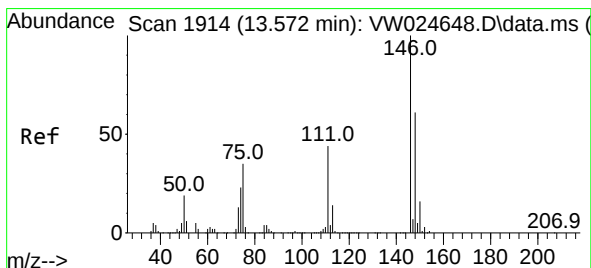
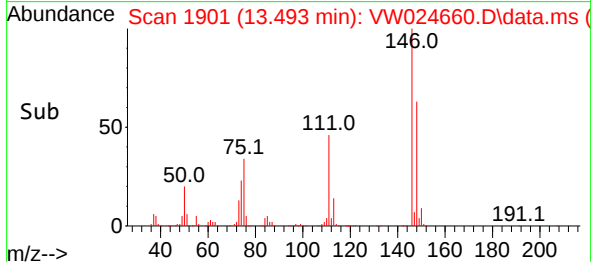
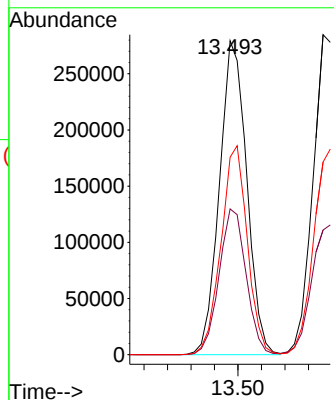
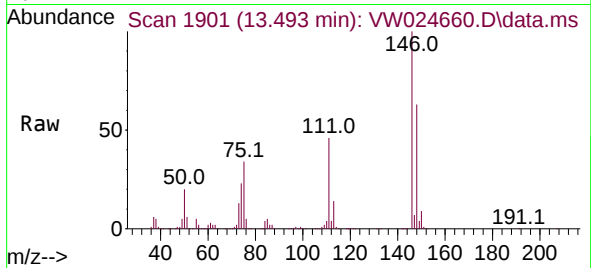




#64  
1,3-Dichlorobenzene  
Concen: 22.278 ug/L  
RT: 13.493 min Scan# 1902  
Delta R.T. -0.006 min  
Lab File: VW024660.D  
Acq: 28 Sep 2022 16:00

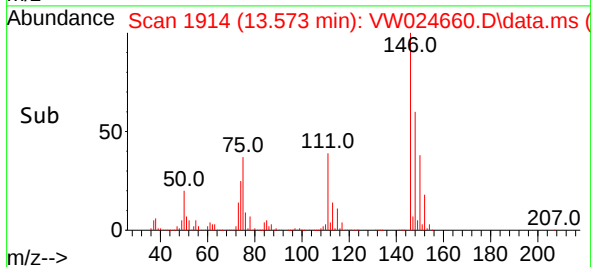
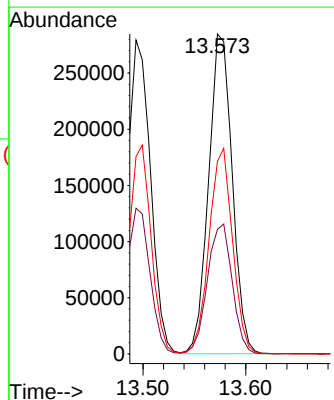
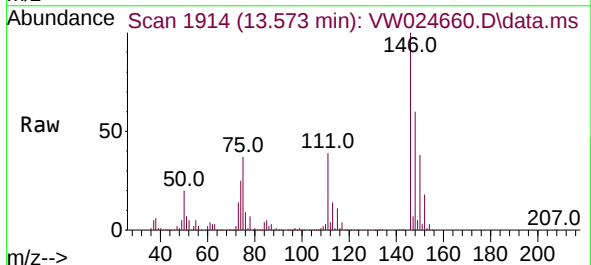
Instrument :  
MSVOA\_W  
ClientSampleId :  
EW807MSD

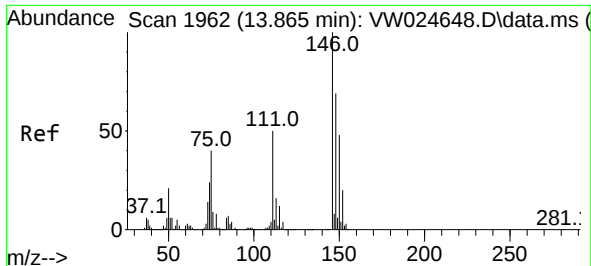
Tgt Ion:146 Resp: 450904  
Ion Ratio Lower Upper  
146 100  
111 46.4 31.6 58.6  
148 62.9 38.1 70.9



#65  
1,4-Dichlorobenzene  
Concen: 23.151 ug/L  
RT: 13.573 min Scan# 1914  
Delta R.T. 0.000 min  
Lab File: VW024660.D  
Acq: 28 Sep 2022 16:00

Tgt Ion:146 Resp: 456152  
Ion Ratio Lower Upper  
146 100  
111 38.9 29.4 54.6  
148 60.2 39.6 73.6





#67

1,2-Dichlorobenzene

Concen: 22.839 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024660.D

Acq: 28 Sep 2022 16:00

Instrument :

MSVOA\_W

ClientSampleId :

EW807MSD

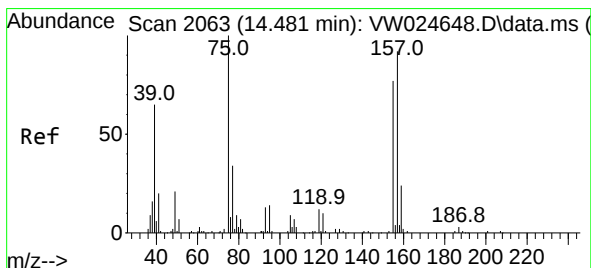
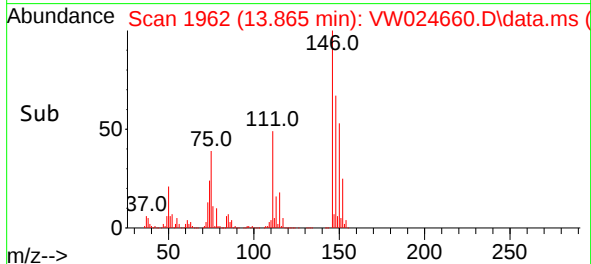
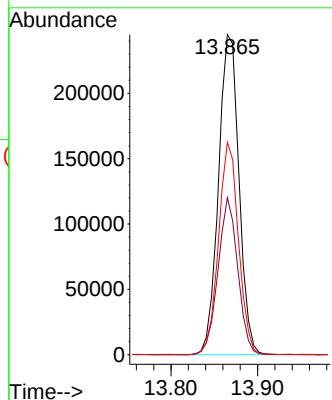
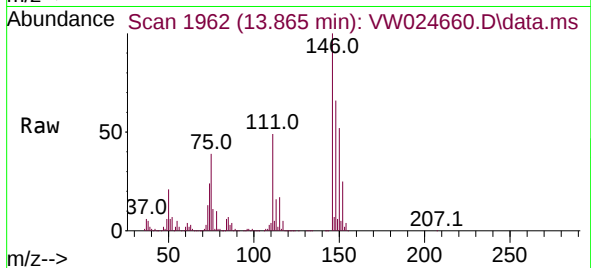
Tgt Ion:146 Resp: 402630

Ion Ratio Lower Upper

146 100

111 49.1 37.2 55.8

148 66.4 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 22.365 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024660.D

Acq: 28 Sep 2022 16:00

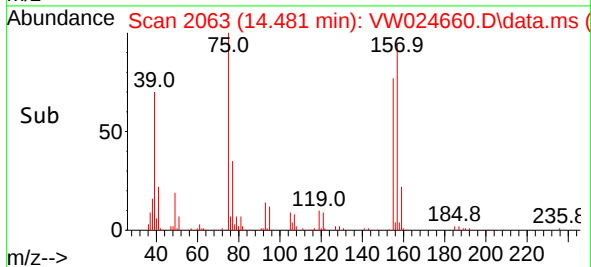
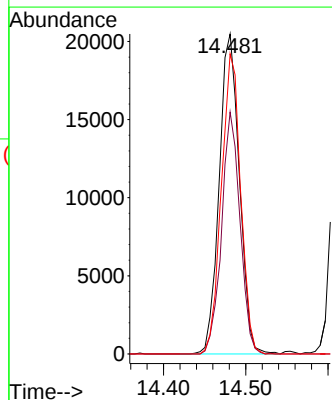
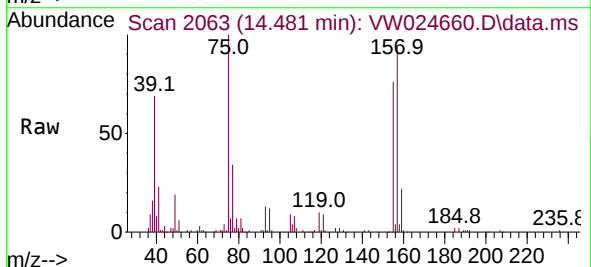
Tgt Ion: 75 Resp: 34825

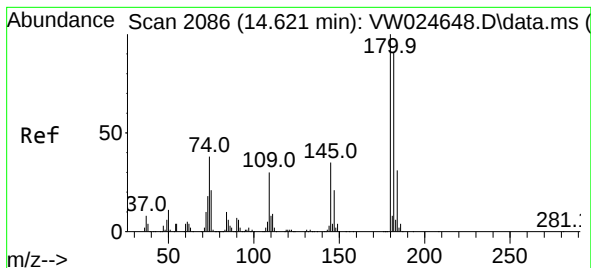
Ion Ratio Lower Upper

75 100

155 75.6 57.6 86.4

157 93.8 73.0 109.6





#69

1,3,5-Trichlorobenzene

Concen: 21.907 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW024660.D

Acq: 28 Sep 2022 16:00

Instrument :

MSVOA\_W

ClientSampleId :

EW807MSD

Tgt Ion:180 Resp: 294409

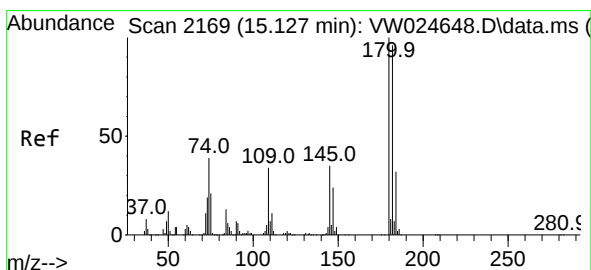
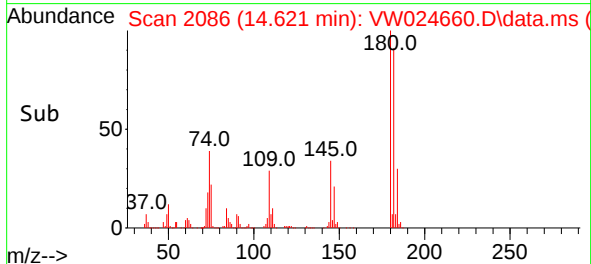
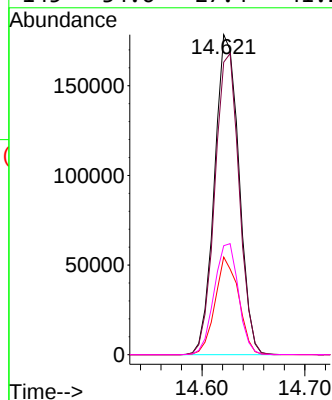
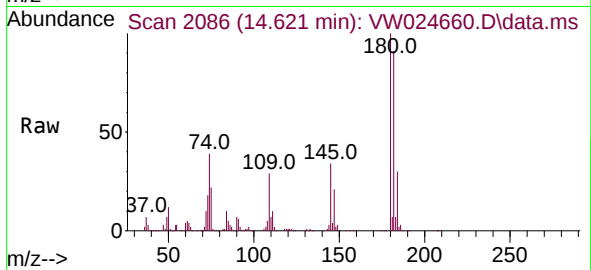
Ion Ratio Lower Upper

180 100

182 93.6 77.1 115.7

184 29.5 23.3 34.9

145 34.6 27.4 41.2



#70

1,2,4-trichlorobenzene

Concen: 21.441 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024660.D

Acq: 28 Sep 2022 16:00

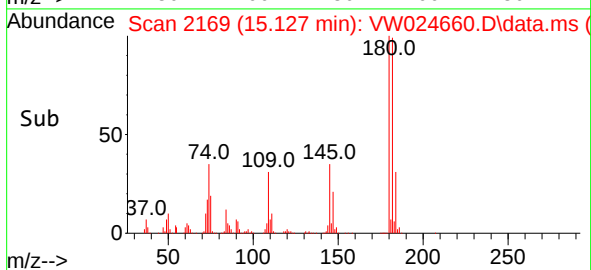
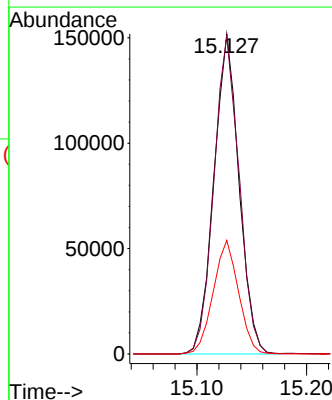
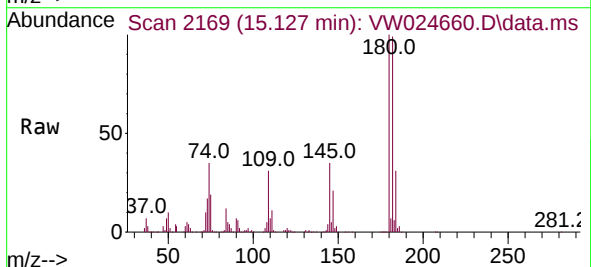
Tgt Ion:180 Resp: 242072

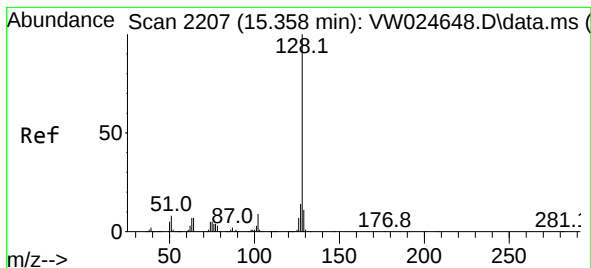
Ion Ratio Lower Upper

180 100

182 99.5 76.8 115.2

145 35.8 29.0 43.4





#71

Naphthalene

Concen: 22.623 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW024660.D

Acq: 28 Sep 2022 16:00

Instrument :

MSVOA\_W

ClientSampleId :

EW807MSD

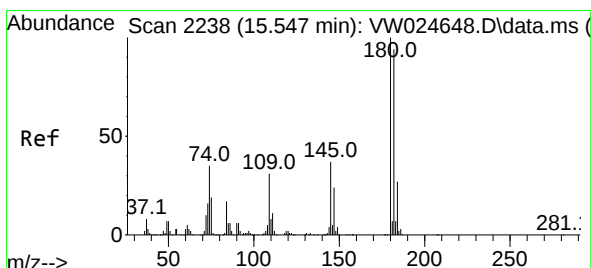
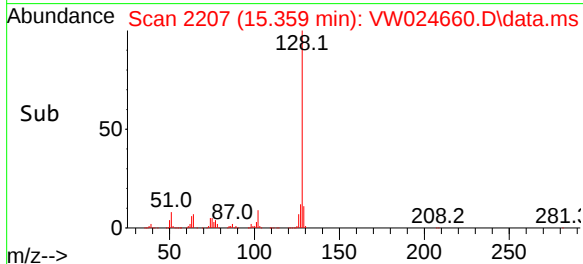
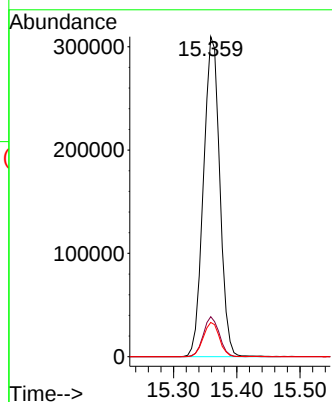
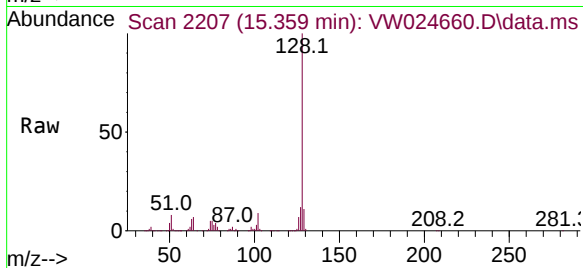
Tgt Ion:128 Resp: 556115

Ion Ratio Lower Upper

128 100

127 12.3 10.6 16.0

129 10.6 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 21.442 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW024660.D

Acq: 28 Sep 2022 16:00

Tgt Ion:180 Resp: 206028

Ion Ratio Lower Upper

180 100

182 91.8 77.4 116.2

145 37.0 30.6 45.8

