

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062824\  
 Data File : VW029413.D  
 Acq On : 28 Jun 2024 21:10  
 Operator : SY/MD  
 Sample : P3088-04MSD  
 Misc : 5.79g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A4CC5MSD

Quant Time: Jun 29 02:17:00 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM061824SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Jun 29 02:05:50 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 459326   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 400507   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 179925   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 103109   | 16.218   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 64.880%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 90535    | 16.863   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 67.440%  |
| 11) 1,1-Dichloroethene-d2     | 4.015  | 65    | 54983    | 17.912   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 71.640%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 59251    | 31.150   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 62.300%  |
| 24) Chloroform-d              | 7.648  | 84    | 279286   | 20.383   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 81.520%  |
| 26) 1,2-Dichloroethane-d4     | 8.301  | 65    | 143802   | 18.279   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 73.120%  |
| 32) Benzene-d6                | 8.270  | 84    | 523525   | 21.520   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 86.080%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 170484   | 22.046   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 88.200%  |
| 41) Toluene-d8                | 10.319 | 98    | 462983   | 21.511   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 86.040%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 60805    | 19.512   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 78.040%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 41311    | 34.078   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 68.160%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 118385   | 19.235   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 76.960%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 141526   | 22.661   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 90.640%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.015  | 85    | 74139    | 16.544   | ug/L   | 95       |
| 3) Chloromethane              | 2.223  | 50    | 106366   | 16.646   | ug/L   | 98       |
| 5) Vinyl chloride             | 2.369  | 62    | 126261   | 17.207   | ug/L   | 99       |
| 6) Bromomethane               | 2.783  | 94    | 68393    | 15.507   | ug/L   | 92       |
| 8) Chloroethane               | 2.936  | 64    | 81183    | 18.088   | ug/L   | 99       |
| 9) Trichlorofluoromethane     | 3.271  | 101   | 125181   | 22.004   | ug/L   | 97       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.076  | 101   | 119991   | 19.130   | ug/L   | 93       |
| 12) 1,1-Dichloroethene        | 4.045  | 96    | 111278   | 20.908   | ug/L   | 81       |
| 13) Acetone                   | 4.119  | 43    | 37974    | 23.492   | ug/L   | 98       |
| 14) Carbon disulfide          | 4.387  | 76    | 290920   | 16.744   | ug/L   | 99       |
| 15) Methyl Acetate            | 4.667  | 43    | 46167    | 14.387   | ug/L   | 100      |
| 16) Methylene chloride        | 4.917  | 84    | 137990   | 17.085   | ug/L   | 96       |
| 17) trans-1,2-Dichloroethene  | 5.429  | 96    | 121523   | 20.560   | ug/L   | 96       |
| 18) Methyl tert-butyl Ether   | 5.423  | 73    | 199309   | 21.077   | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 6.216  | 63    | 267945   | 20.990   | ug/L   | 97       |
| 20) cis-1,2-Dichloroethene    | 7.167  | 96    | 139361   | 21.382   | ug/L   | 98       |
| 22) 2-Butanone                | 7.167  | 43    | 68806    | 31.052   | ug/L   | 97       |
| 23) Bromochloromethane        | 7.514  | 128   | 57209    | 19.717   | ug/L   | 94       |
| 25) Chloroform                | 7.673  | 83    | 264041   | 21.182   | ug/L   | 96       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062824\  
 Data File : VW029413.D  
 Acq On : 28 Jun 2024 21:10  
 Operator : SY/MD  
 Sample : P3088-04MSD  
 Misc : 5.79g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A4CC5MSD

Quant Time: Jun 29 02:17:00 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM061824SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Jun 29 02:05:50 2024  
 Response via : Initial Calibration

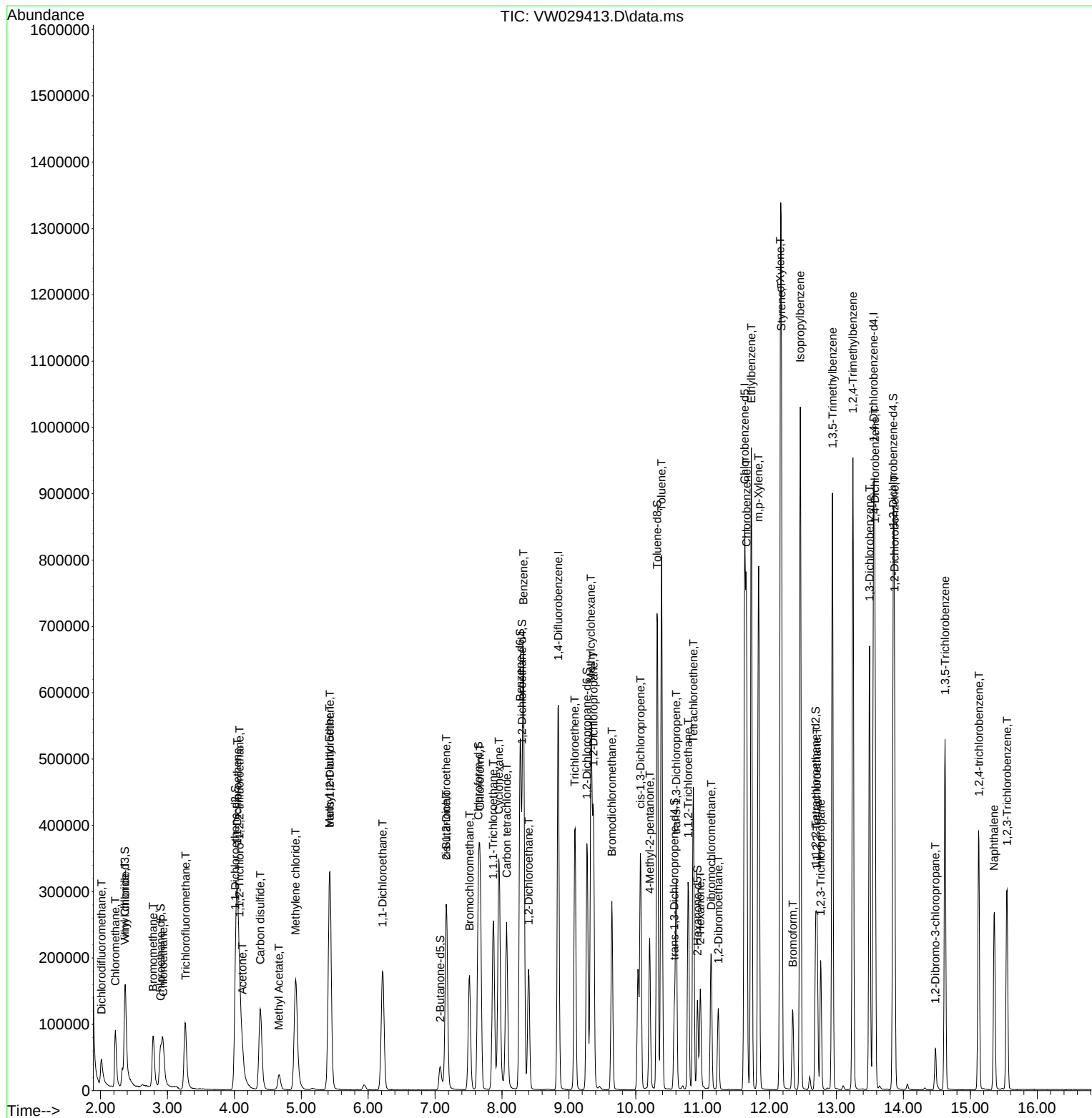
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 8.398  | 62   | 168060   | 18.280 | ug/L  | 100      |
| 29) Cyclohexane               | 7.953  | 56   | 206608   | 22.565 | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 7.868  | 97   | 206423   | 23.178 | ug/L  | 96       |
| 31) Carbon tetrachloride      | 8.069  | 117  | 182183   | 22.393 | ug/L  | 97       |
| 33) Benzene                   | 8.319  | 78   | 542814   | 22.557 | ug/L  | 100      |
| 34) Trichloroethene           | 9.087  | 95   | 140603   | 21.900 | ug/L  | 95       |
| 35) Methylcyclohexane         | 9.331  | 83   | 211161   | 20.913 | ug/L  | 97       |
| 37) 1,2-Dichloropropane       | 9.368  | 63   | 152850   | 22.604 | ug/L  | 98       |
| 38) Bromodichloromethane      | 9.642  | 83   | 181528   | 21.956 | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 10.069 | 75   | 206578   | 21.612 | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 10.209 | 43   | 154117   | 36.772 | ug/L  | 98       |
| 42) Toluene                   | 10.386 | 91   | 565655   | 22.865 | ug/L  | 93       |
| 44) trans-1,3-Dichloropropene | 10.605 | 75   | 167625   | 20.769 | ug/L  | 95       |
| 45) 1,1,2-Trichloroethane     | 10.782 | 97   | 93834    | 19.924 | ug/L  | 97       |
| 46) Tetrachloroethene         | 10.861 | 164  | 95347    | 21.245 | ug/L  | 89       |
| 48) 2-Hexanone                | 10.965 | 43   | 99365    | 33.412 | ug/L  | 98       |
| 49) Dibromochloromethane      | 11.129 | 129  | 103337   | 20.991 | ug/L  | 97       |
| 50) 1,2-Dibromoethane         | 11.233 | 107  | 82557    | 19.528 | ug/L  | 96       |
| 51) Chlorobenzene             | 11.654 | 112  | 347242   | 21.615 | ug/L  | 96       |
| 52) Ethylbenzene              | 11.727 | 91   | 642035   | 22.863 | ug/L  | 99       |
| 53) m,p-Xylene                | 11.837 | 106  | 239211   | 23.321 | ug/L  | 97       |
| 54) o-Xylene                  | 12.160 | 106  | 224355   | 23.403 | ug/L  | 92       |
| 55) Styrene                   | 12.178 | 104  | 376186   | 22.506 | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 12.708 | 83   | 108316   | 18.593 | ug/L  | 95       |
| 59) Bromoform                 | 12.349 | 173  | 51849    | 21.026 | ug/L  | 95       |
| 60) Isopropylbenzene          | 12.458 | 105  | 636164   | 26.535 | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 12.763 | 75   | 79141    | 20.166 | ug/L  | 98       |
| 62) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 454308   | 26.166 | ug/L  | 97       |
| 63) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 497910   | 26.653 | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 13.495 | 146  | 247706   | 23.875 | ug/L  | 97       |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146  | 254846   | 23.087 | ug/L  | 95       |
| 67) 1,2-Dichlorobenzene       | 13.867 | 146  | 222483   | 23.196 | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 14.476 | 75   | 16523    | 18.042 | ug/L  | 92       |
| 69) 1,3,5-Trichlorobenzene    | 14.623 | 180  | 148504   | 21.209 | ug/L  | 97       |
| 70) 1,2,4-trichlorobenzene    | 15.129 | 180  | 110845   | 19.528 | ug/L  | 99       |
| 71) Naphthalene               | 15.354 | 128  | 219608   | 19.603 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 95127    | 18.393 | ug/L  | 97       |

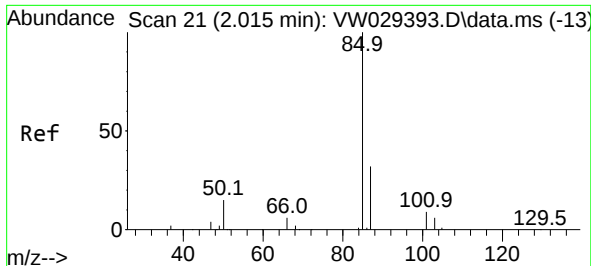
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062824\  
Data File : VW029413.D  
Acq On : 28 Jun 2024 21:10  
Operator : SY/MD  
Sample : P3088-04MSD  
Misc : 5.79g/10mL/MSVOA\_W/SOIL/A  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
A4CC5MSD

Quant Time: Jun 29 02:17:00 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM061824SMA.M  
Quant Title : SFAM01.0  
QLast Update : Sat Jun 29 02:05:50 2024  
Response via : Initial Calibration

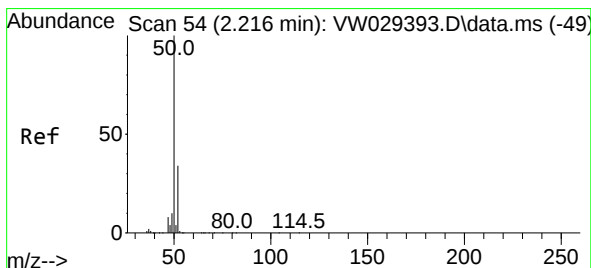
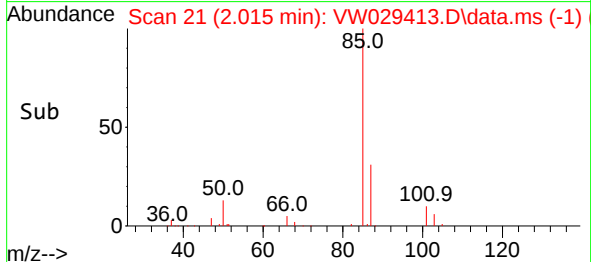
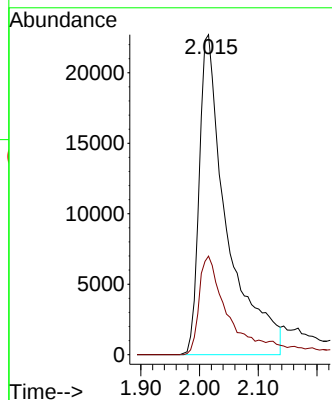
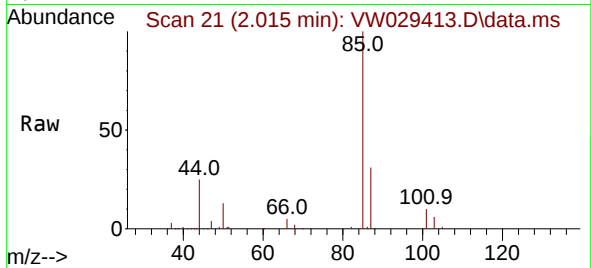




#2  
 Dichlorodifluoromethane  
 Concen: 16.544 ug/L  
 RT: 2.015 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VW029413.D  
 Acq: 28 Jun 2024 21:10

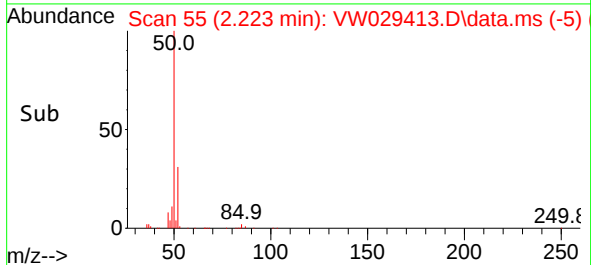
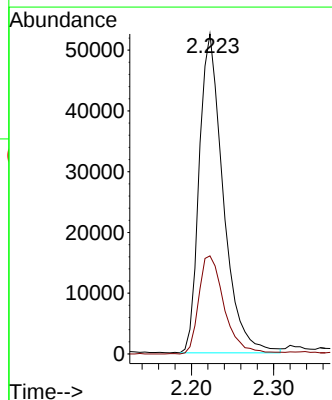
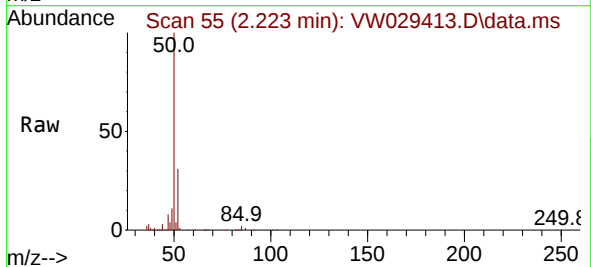
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A4CC5MSD

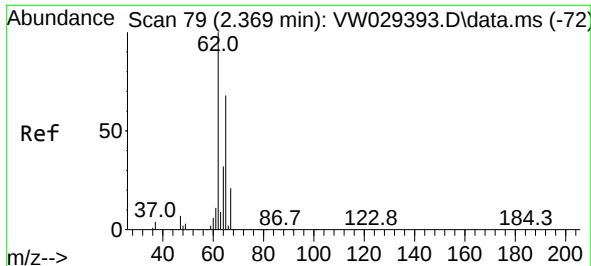
Tgt Ion: 85 Resp: 74139  
 Ion Ratio Lower Upper  
 85 100  
 87 26.8 23.8 35.6



#3  
 Chloromethane  
 Concen: 16.646 ug/L  
 RT: 2.223 min Scan# 55  
 Delta R.T. 0.006 min  
 Lab File: VW029413.D  
 Acq: 28 Jun 2024 21:10

Tgt Ion: 50 Resp: 106366  
 Ion Ratio Lower Upper  
 50 100  
 52 30.7 22.3 41.5

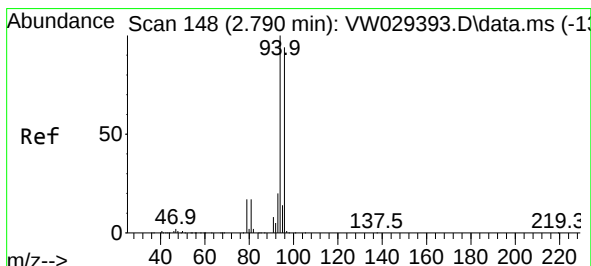
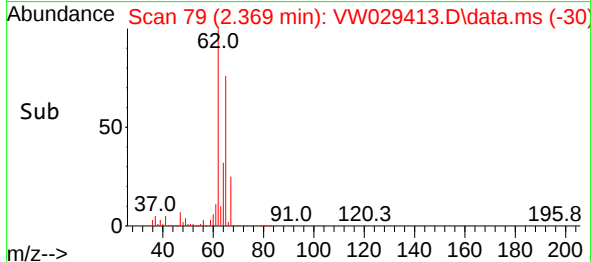
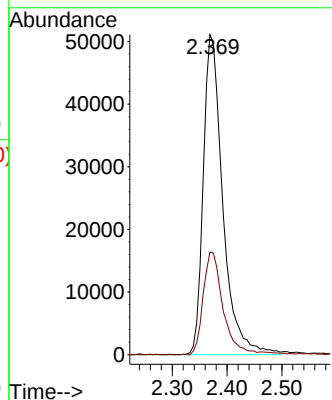
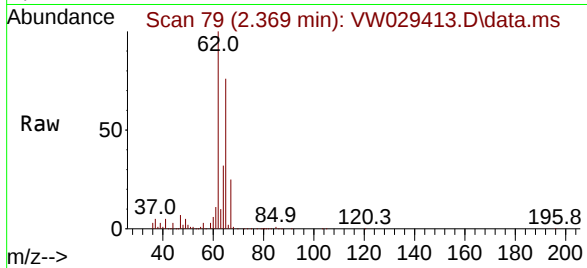




#5  
 Vinyl chloride  
 Concen: 17.207 ug/L  
 RT: 2.369 min Scan# 79  
 Delta R.T. -0.000 min  
 Lab File: VW029413.D  
 Acq: 28 Jun 2024 21:10

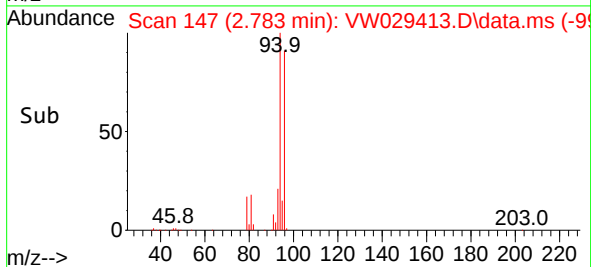
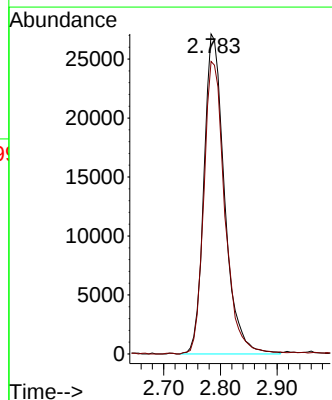
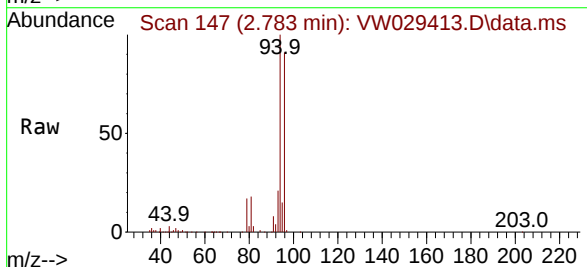
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A4CC5MSD

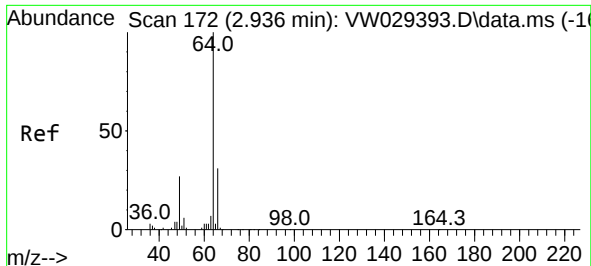
Tgt Ion: 62 Resp: 126261  
 Ion Ratio Lower Upper  
 62 100  
 64 32.1 22.0 40.8



#6  
 Bromomethane  
 Concen: 15.507 ug/L  
 RT: 2.783 min Scan# 147  
 Delta R.T. -0.006 min  
 Lab File: VW029413.D  
 Acq: 28 Jun 2024 21:10

Tgt Ion: 94 Resp: 68393  
 Ion Ratio Lower Upper  
 94 100  
 96 91.4 69.5 129.1

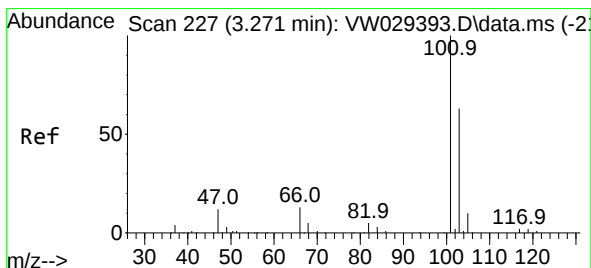
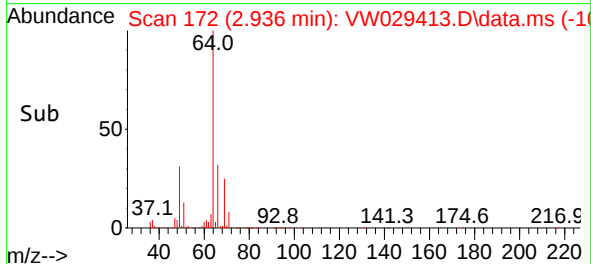
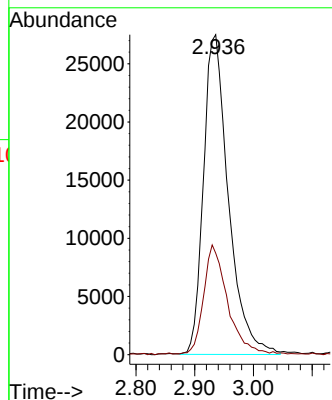
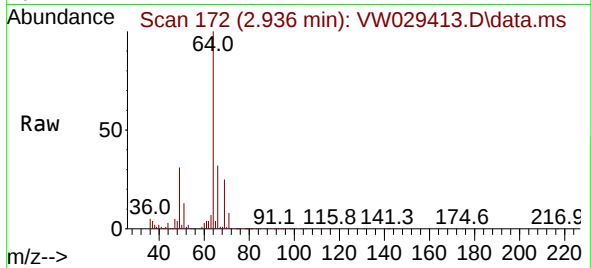




#8  
Chloroethane  
Concen: 18.088 ug/L  
RT: 2.936 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW029413.D  
Acq: 28 Jun 2024 21:10

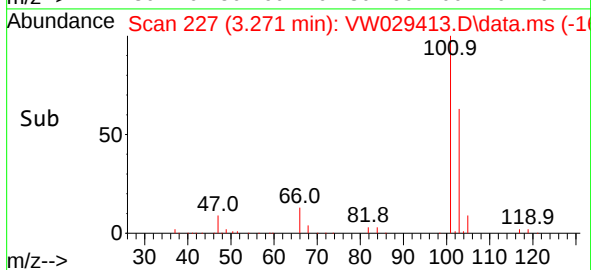
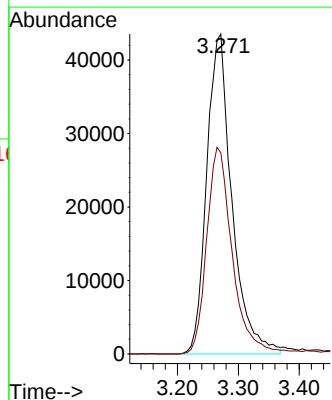
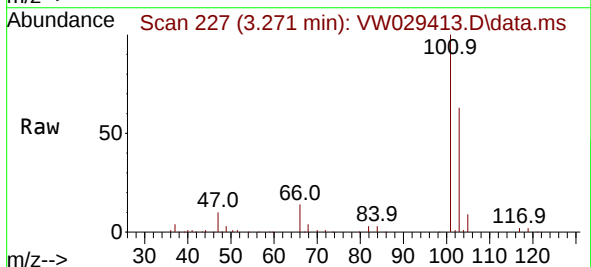
Instrument :  
MSVOA\_W  
ClientSampleId :  
A4CC5MSD

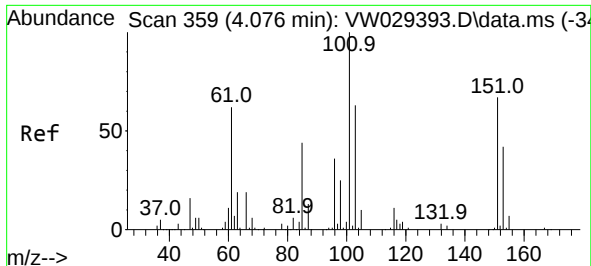
Tgt Ion: 64 Resp: 81183  
Ion Ratio Lower Upper  
64 100  
66 31.7 22.5 41.9



#9  
Trichlorofluoromethane  
Concen: 22.004 ug/L  
RT: 3.271 min Scan# 227  
Delta R.T. -0.000 min  
Lab File: VW029413.D  
Acq: 28 Jun 2024 21:10

Tgt Ion: 101 Resp: 125181  
Ion Ratio Lower Upper  
101 100  
103 65.5 50.8 76.2

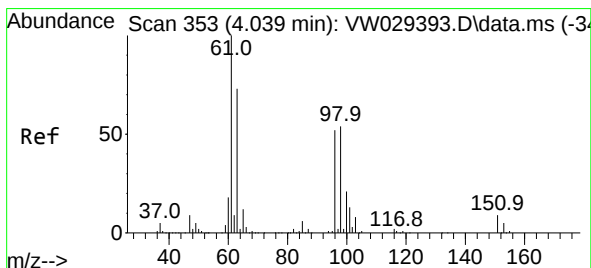
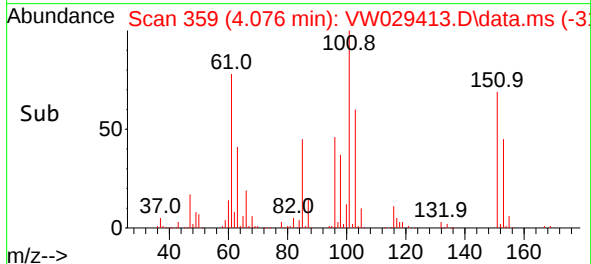
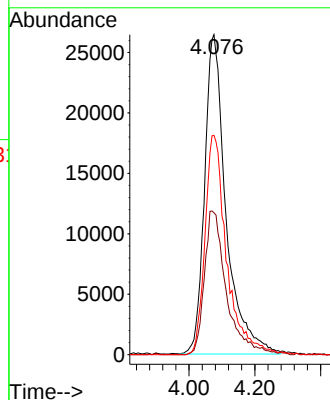
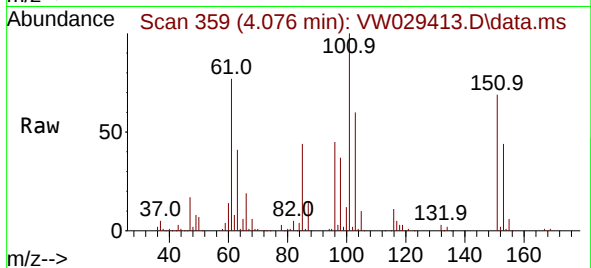




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 19.130 ug/L  
 RT: 4.076 min Scan# 359  
 Delta R.T. -0.000 min  
 Lab File: VW029413.D  
 Acq: 28 Jun 2024 21:10

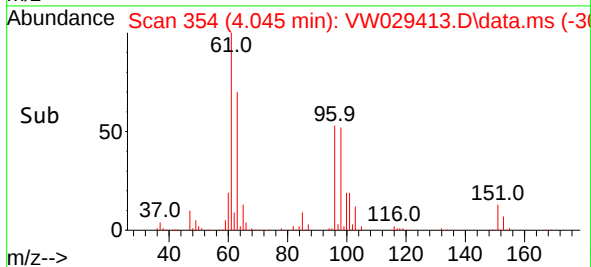
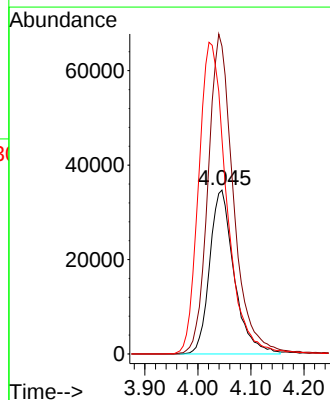
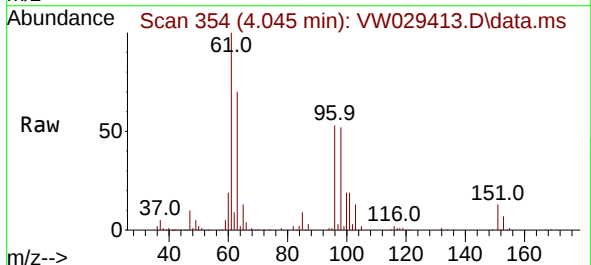
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A4CC5MSD

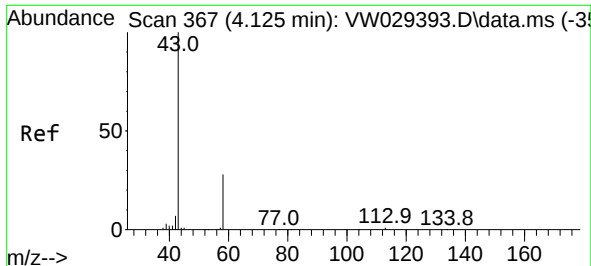
Tgt Ion:101 Resp: 119991  
 Ion Ratio Lower Upper  
 101 100  
 85 44.8 30.2 45.2  
 151 69.1 52.2 78.4



#12  
 1,1-Dichloroethene  
 Concen: 20.908 ug/L  
 RT: 4.045 min Scan# 354  
 Delta R.T. 0.006 min  
 Lab File: VW029413.D  
 Acq: 28 Jun 2024 21:10

Tgt Ion: 96 Resp: 111278  
 Ion Ratio Lower Upper  
 96 100  
 61 187.8 140.1 260.3  
 63 131.4 122.0 226.6

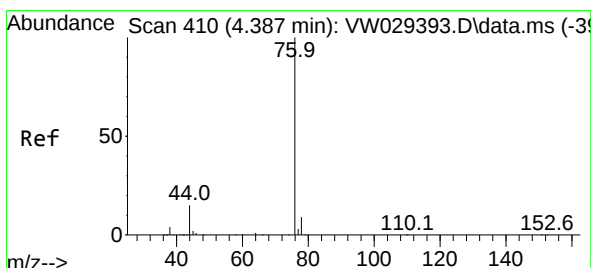
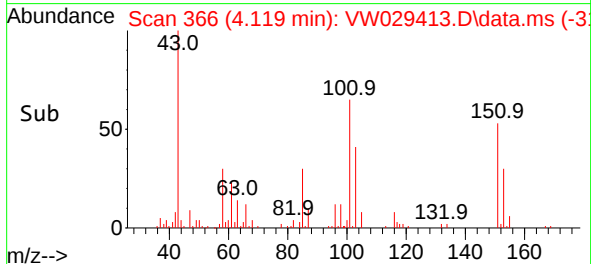
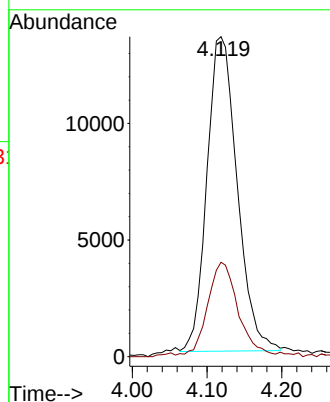
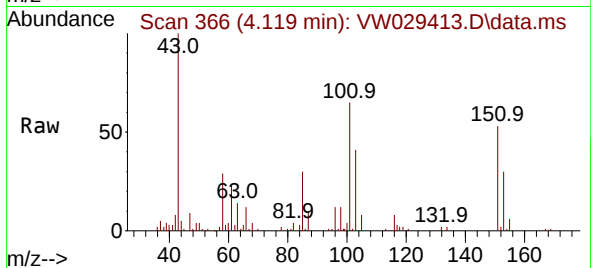




#13  
Acetone  
Concen: 23.492 ug/L  
RT: 4.119 min Scan# 30  
Delta R.T. -0.006 min  
Lab File: VW029413.D  
Acq: 28 Jun 2024 21:10

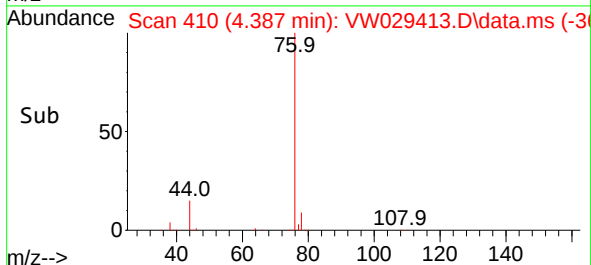
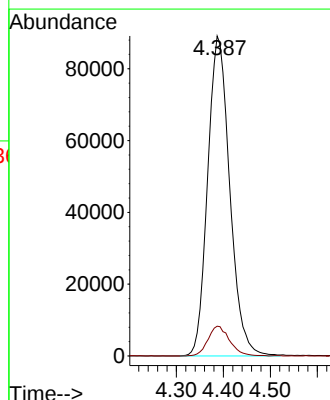
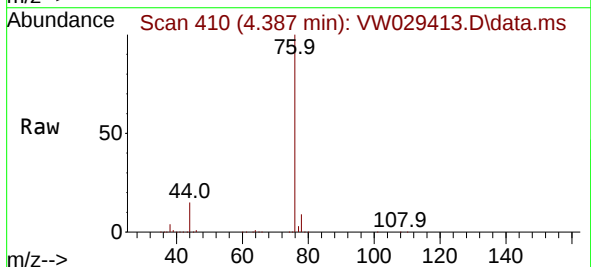
Instrument :  
MSVOA\_W  
ClientSampleId :  
A4CC5MSD

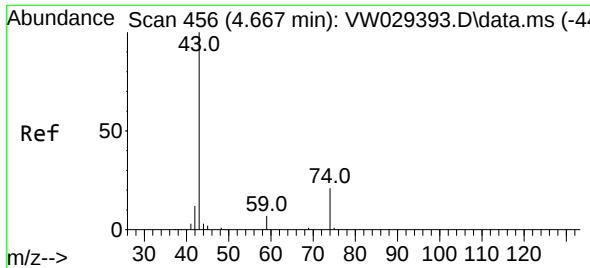
Tgt Ion: 43 Resp: 37974  
Ion Ratio Lower Upper  
43 100  
58 29.8 0.0 61.4



#14  
Carbon disulfide  
Concen: 16.744 ug/L  
RT: 4.387 min Scan# 410  
Delta R.T. -0.000 min  
Lab File: VW029413.D  
Acq: 28 Jun 2024 21:10

Tgt Ion: 76 Resp: 290920  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.2 10.8

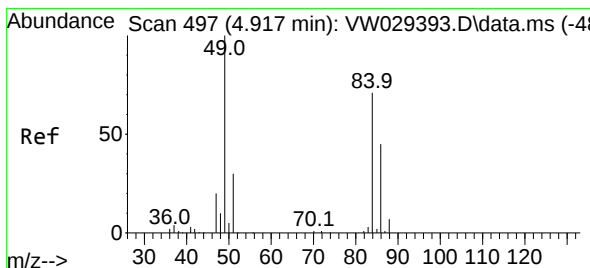
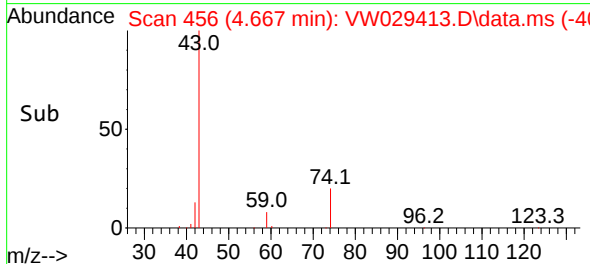
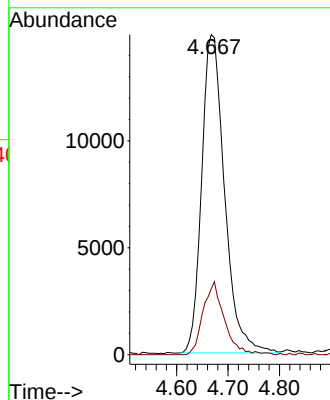
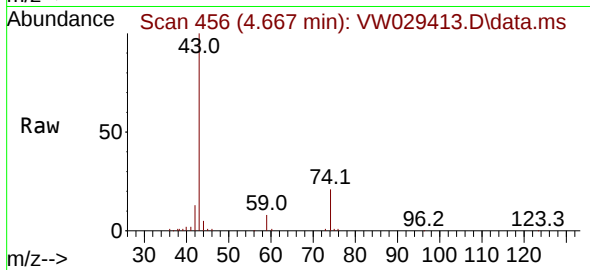




#15  
Methyl Acetate  
Concen: 14.387 ug/L  
RT: 4.667 min Scan# 456  
Delta R.T. -0.000 min  
Lab File: VW029413.D  
Acq: 28 Jun 2024 21:10

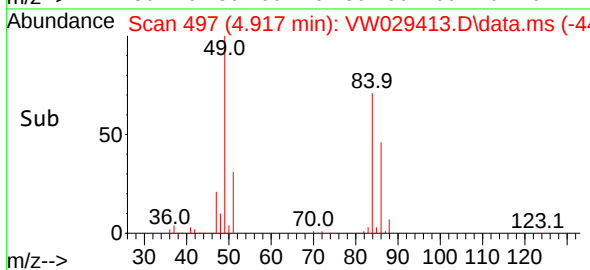
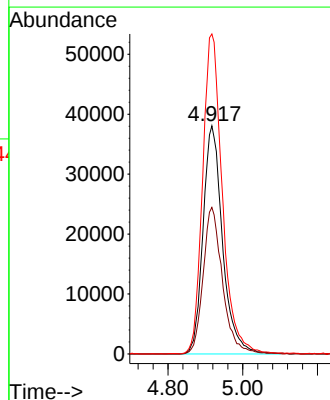
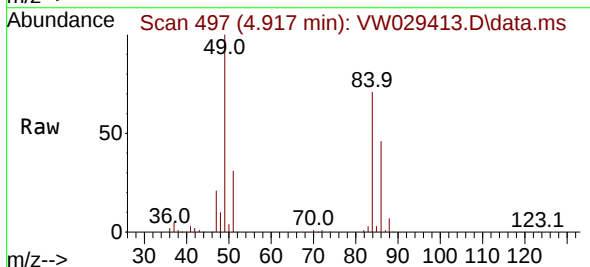
Instrument :  
MSVOA\_W  
ClientSampleId :  
A4CC5MSD

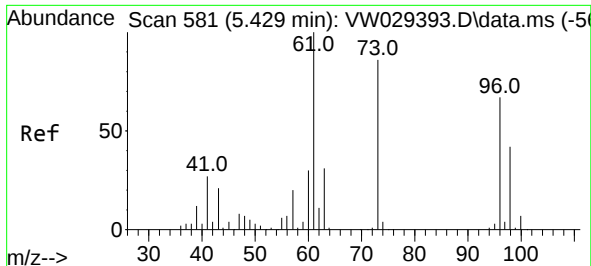
Tgt Ion: 43 Resp: 46167  
Ion Ratio Lower Upper  
43 100  
74 20.8 16.6 25.0



#16  
Methylene chloride  
Concen: 17.085 ug/L  
RT: 4.917 min Scan# 497  
Delta R.T. -0.000 min  
Lab File: VW029413.D  
Acq: 28 Jun 2024 21:10

Tgt Ion: 84 Resp: 137990  
Ion Ratio Lower Upper  
84 100  
86 64.2 41.4 77.0  
49 140.2 95.7 177.7





#17

trans-1,2-Dichloroethene

Concen: 20.560 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Instrument :

MSVOA\_W

ClientSampleId :

A4CC5MSD

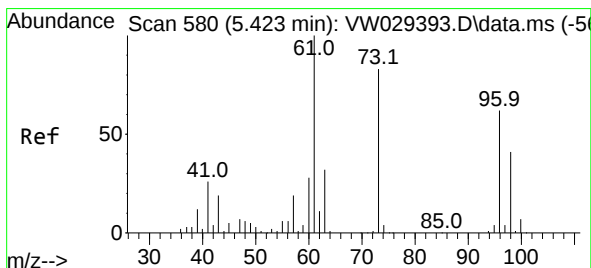
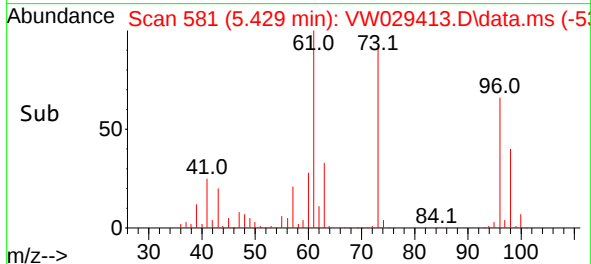
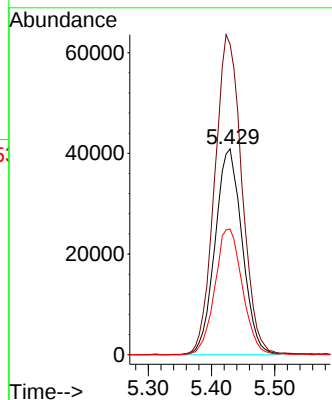
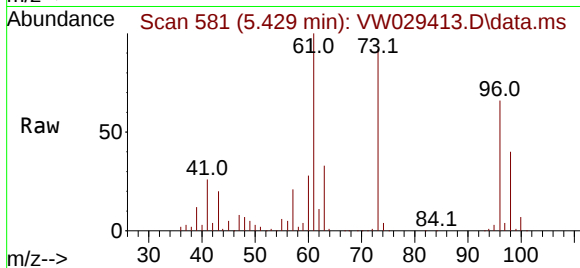
Tgt Ion: 96 Resp: 121523

Ion Ratio Lower Upper

96 100

61 150.8 101.5 188.5

98 61.0 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 21.077 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

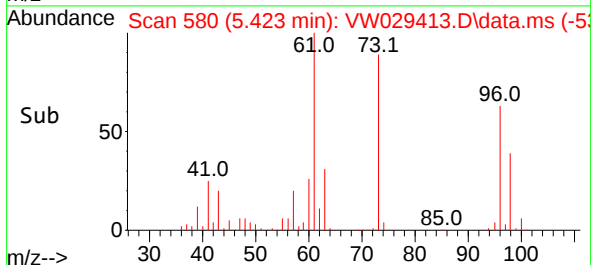
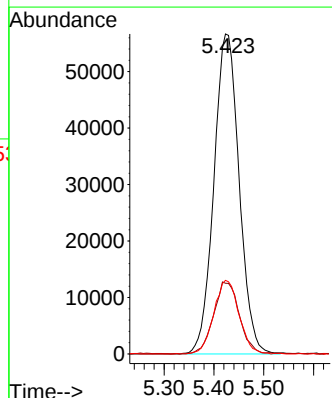
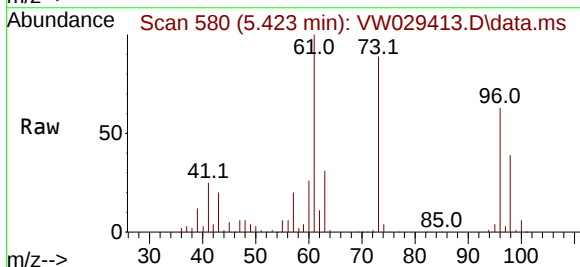
Tgt Ion: 73 Resp: 199309

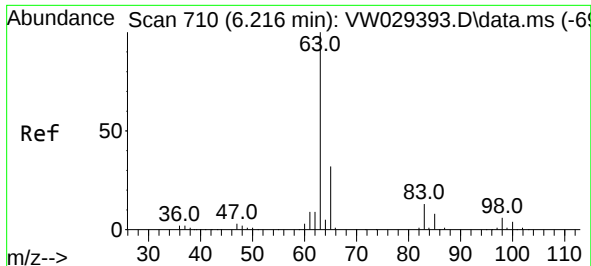
Ion Ratio Lower Upper

73 100

43 22.8 19.5 29.3

57 22.9 18.4 27.6





#19

1,1-Dichloroethane

Concen: 20.990 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Instrument :

MSVOA\_W

ClientSampleId :

A4CC5MSD

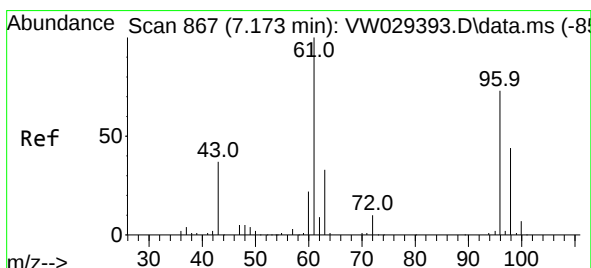
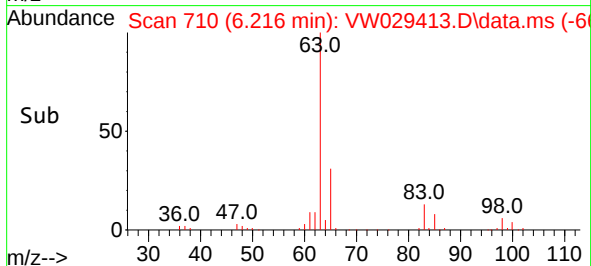
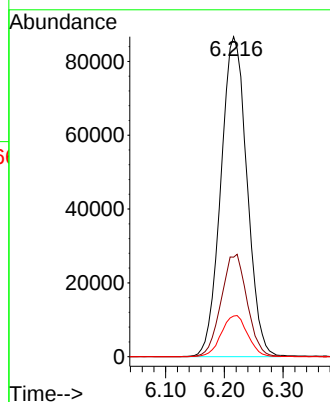
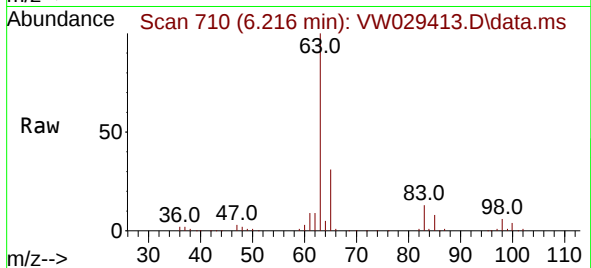
Tgt Ion: 63 Resp: 267945

Ion Ratio Lower Upper

63 100

65 31.1 23.4 43.4

83 12.7 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 21.382 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

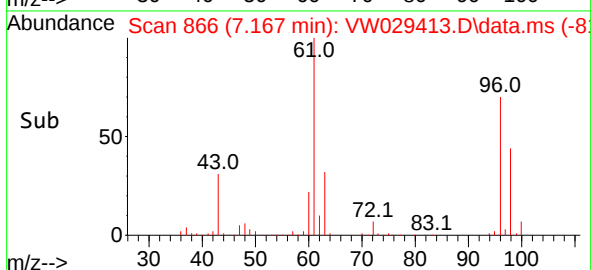
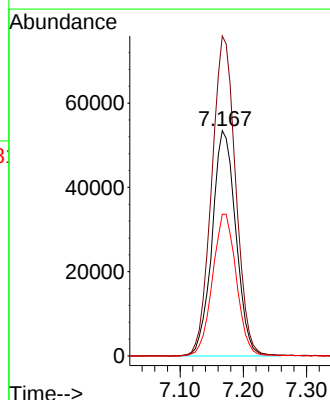
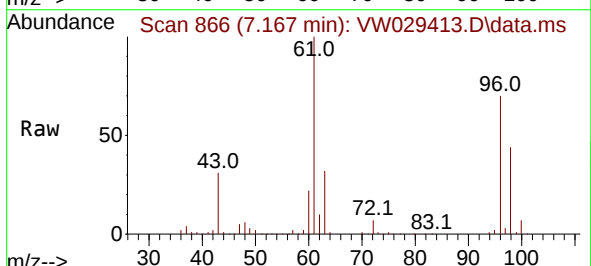
Tgt Ion: 96 Resp: 139361

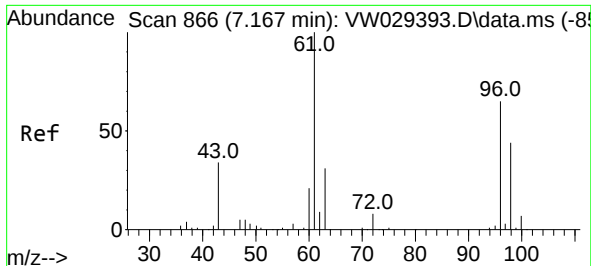
Ion Ratio Lower Upper

96 100

61 142.0 97.8 181.6

98 63.0 43.0 79.8

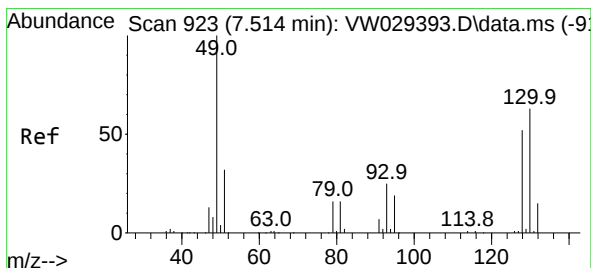
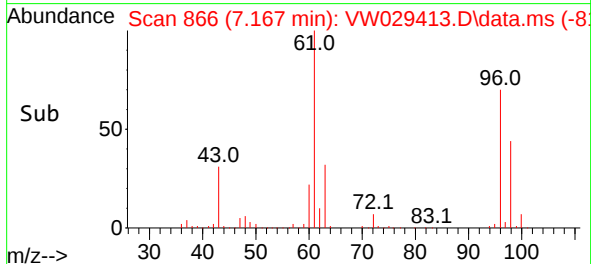
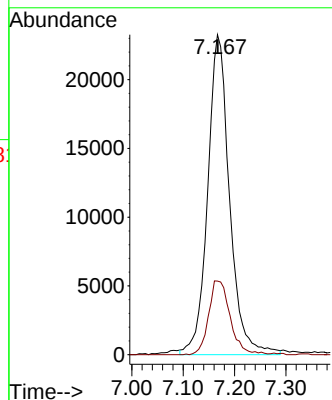
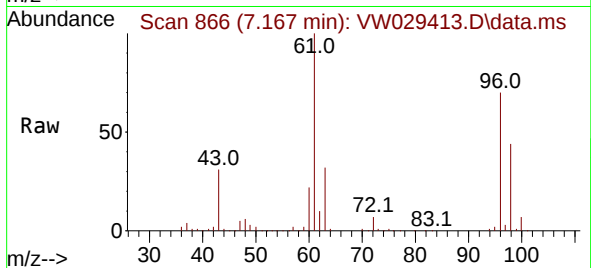




#22  
2-Butanone  
Concen: 31.052 ug/L  
RT: 7.167 min Scan# 866  
Delta R.T. -0.000 min  
Lab File: VW029413.D  
Acq: 28 Jun 2024 21:10

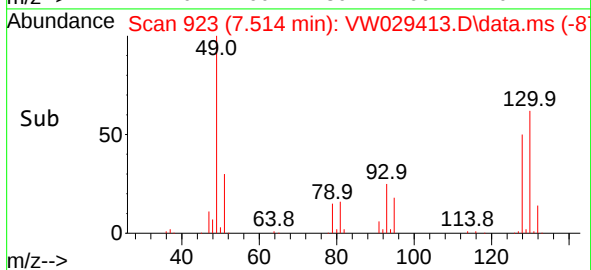
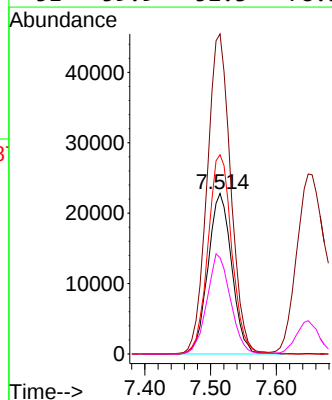
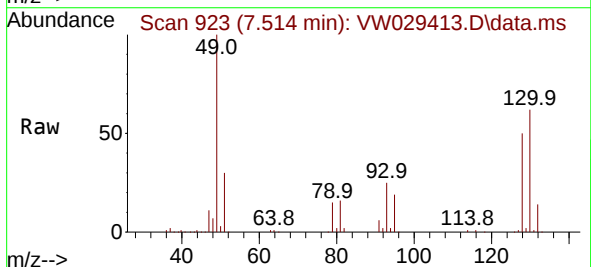
Instrument :  
MSVOA\_W  
ClientSampleId :  
A4CC5MSD

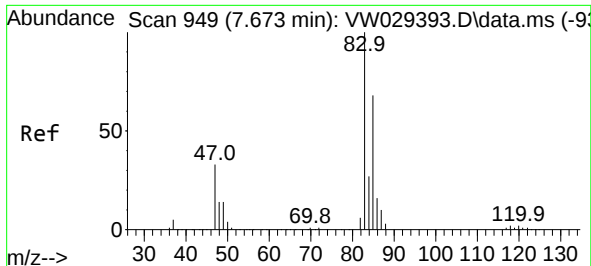
Tgt Ion: 43 Resp: 68806  
Ion Ratio Lower Upper  
43 100  
72 22.4 11.9 35.7



#23  
Bromochloromethane  
Concen: 19.717 ug/L  
RT: 7.514 min Scan# 923  
Delta R.T. -0.000 min  
Lab File: VW029413.D  
Acq: 28 Jun 2024 21:10

Tgt Ion: 128 Resp: 57209  
Ion Ratio Lower Upper  
128 100  
49 199.3 142.6 264.8  
130 124.1 79.7 148.1  
51 59.9 52.3 78.5

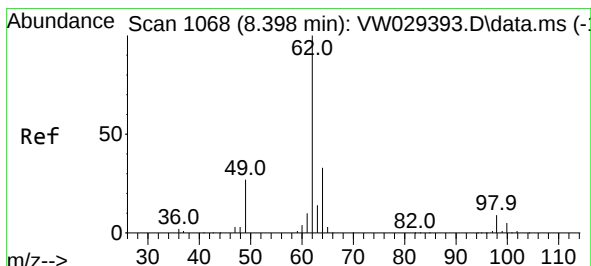
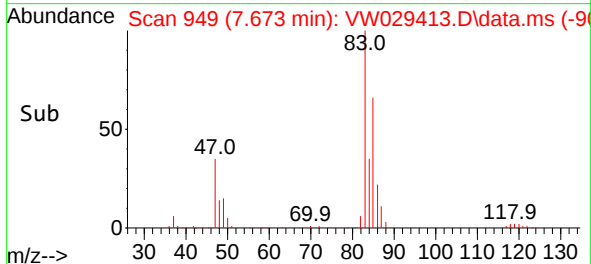
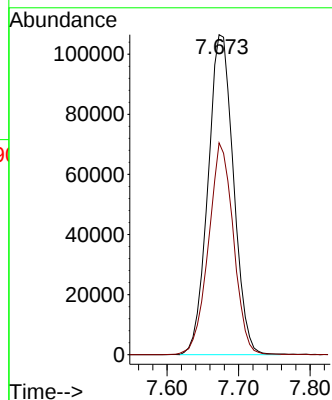
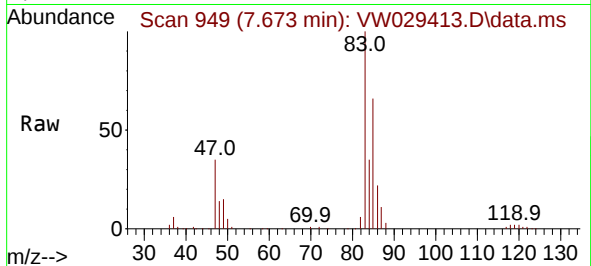




#25  
Chloroform  
Concen: 21.182 ug/L  
RT: 7.673 min Scan# 949  
Delta R.T. -0.000 min  
Lab File: VW029413.D  
Acq: 28 Jun 2024 21:10

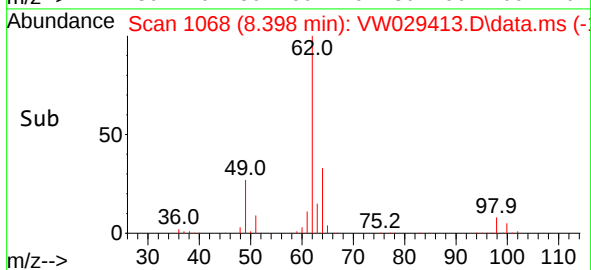
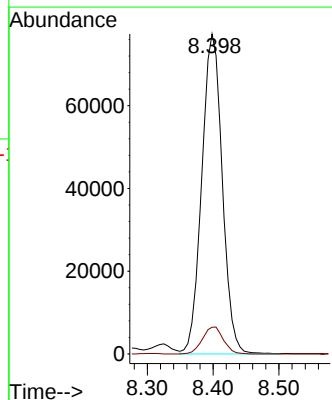
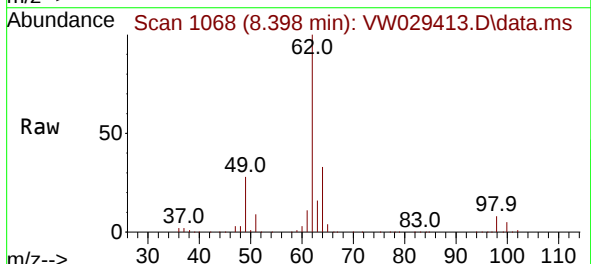
Instrument :  
MSVOA\_W  
ClientSampleId :  
A4CC5MSD

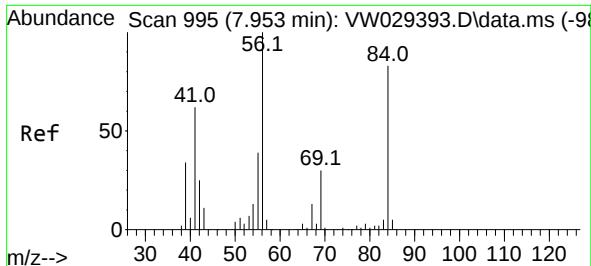
Tgt Ion: 83 Resp: 264041  
Ion Ratio Lower Upper  
83 100  
85 66.2 44.4 82.4



#27  
1,2-Dichloroethane  
Concen: 18.280 ug/L  
RT: 8.398 min Scan# 1068  
Delta R.T. -0.000 min  
Lab File: VW029413.D  
Acq: 28 Jun 2024 21:10

Tgt Ion: 62 Resp: 168060  
Ion Ratio Lower Upper  
62 100  
98 8.4 6.6 10.0

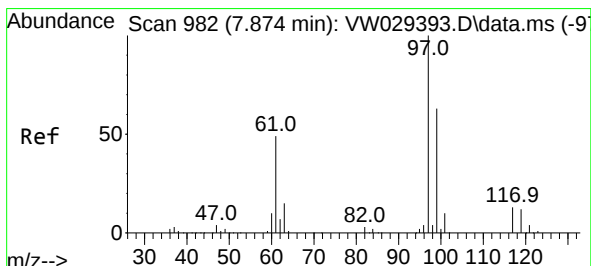
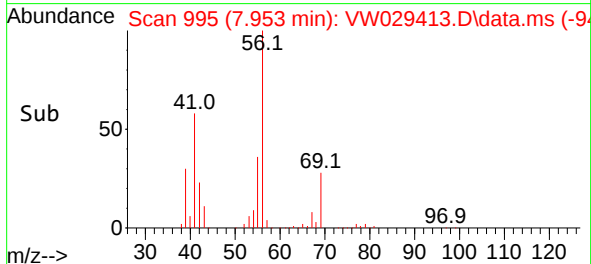
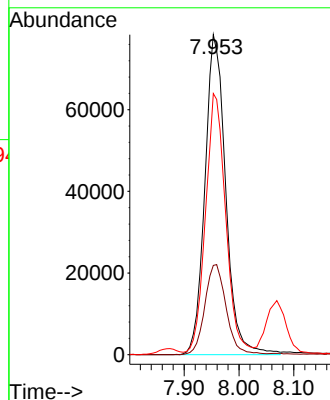
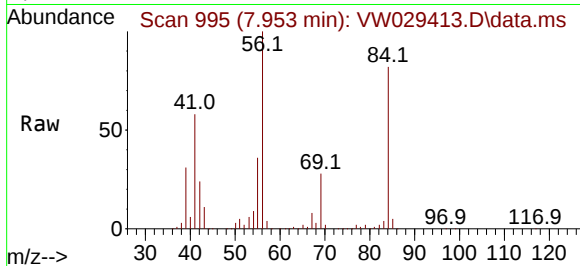




#29  
Cyclohexane  
Concen: 22.565 ug/L  
RT: 7.953 min Scan# 995  
Delta R.T. -0.000 min  
Lab File: VW029413.D  
Acq: 28 Jun 2024 21:10

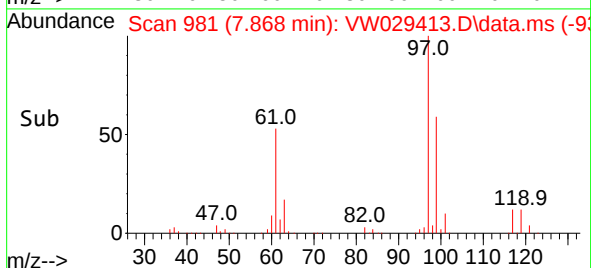
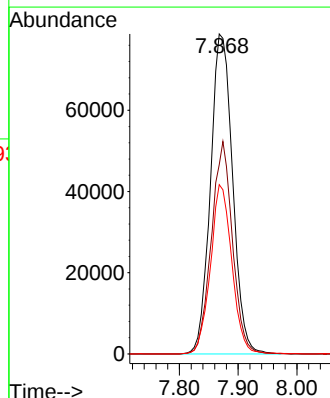
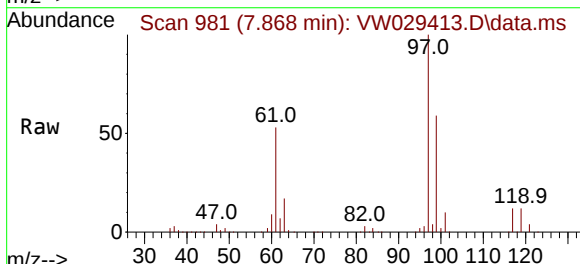
Instrument :  
MSVOA\_W  
ClientSampleId :  
A4CC5MSD

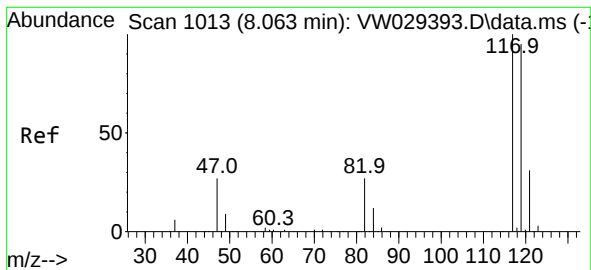
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 56    | Resp: | 206608 |
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 69        | 28.8  | 23.4  | 35.0   |
| 84        | 79.3  | 64.5  | 96.7   |



#30  
1,1,1-Trichloroethane  
Concen: 23.178 ug/L  
RT: 7.868 min Scan# 981  
Delta R.T. -0.006 min  
Lab File: VW029413.D  
Acq: 28 Jun 2024 21:10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 97    | Resp: | 206423 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 99        | 63.3  | 53.0  | 79.4   |
| 61        | 51.1  | 43.0  | 64.4   |





#31

Carbon tetrachloride

Concen: 22.393 ug/L

RT: 8.069 min Scan# 1013

Delta R.T. 0.006 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Instrument :

MSVOA\_W

ClientSampleId :

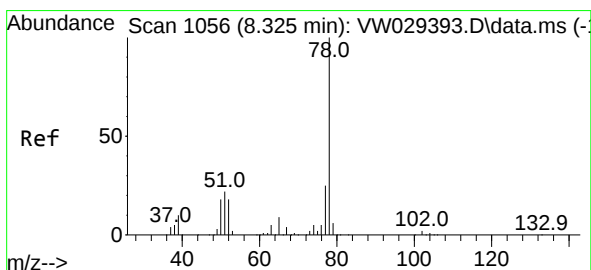
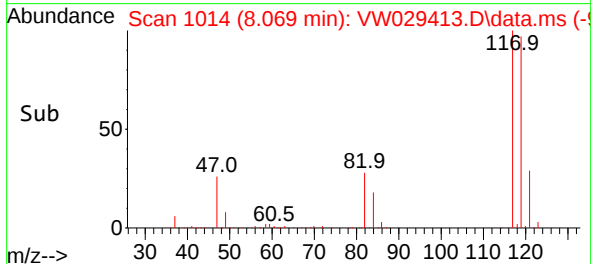
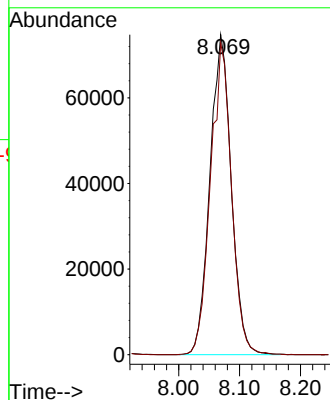
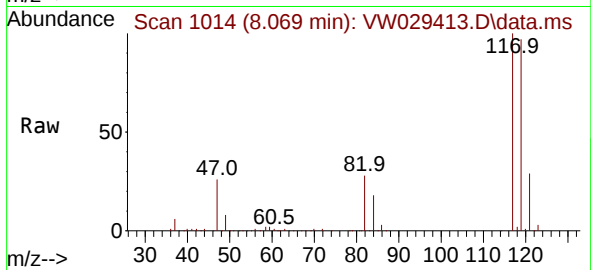
A4CC5MSD

Tgt Ion:117 Resp: 182183

Ion Ratio Lower Upper

117 100

119 95.3 79.0 118.4



#33

Benzene

Concen: 22.557 ug/L

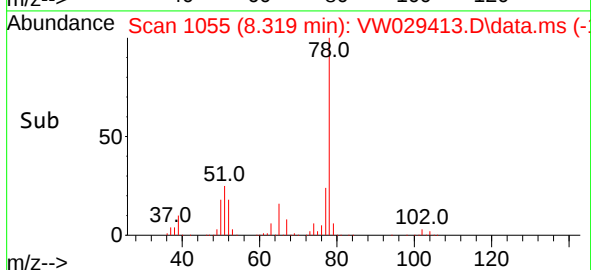
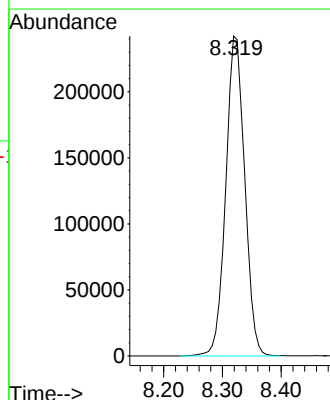
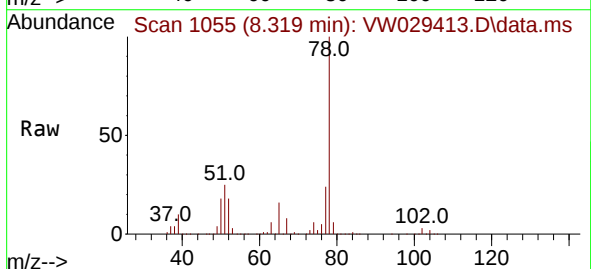
RT: 8.319 min Scan# 1055

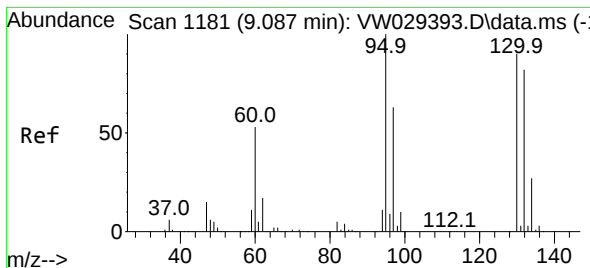
Delta R.T. -0.006 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Tgt Ion: 78 Resp: 542814





#34

Trichloroethene

Concen: 21.900 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Instrument :

MSVOA\_W

ClientSampleId :

A4CC5MSD

Tgt Ion: 95 Resp: 140603

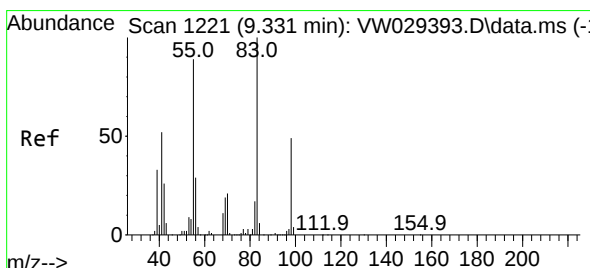
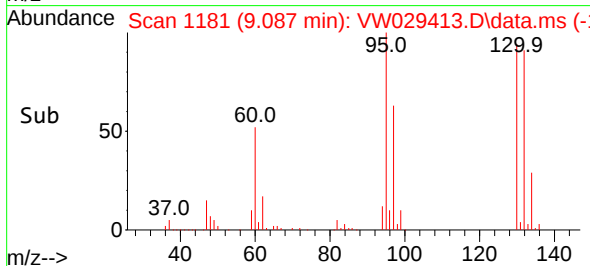
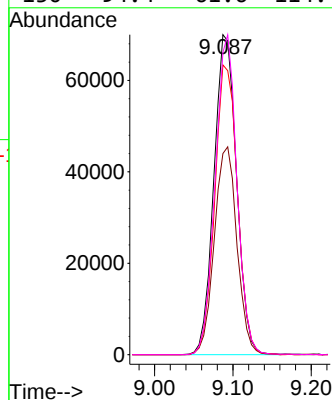
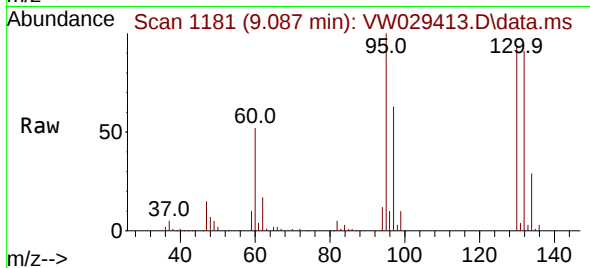
Ion Ratio Lower Upper

95 100

97 62.8 45.7 84.9

132 90.6 66.4 123.4

130 94.4 61.6 114.4



#35

Methylcyclohexane

Concen: 20.913 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

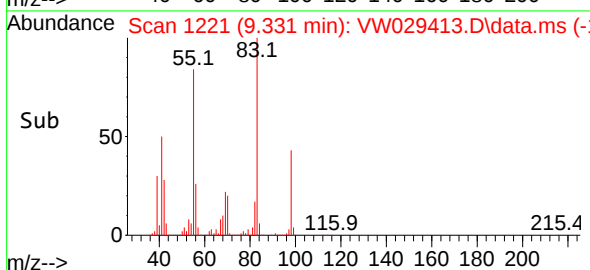
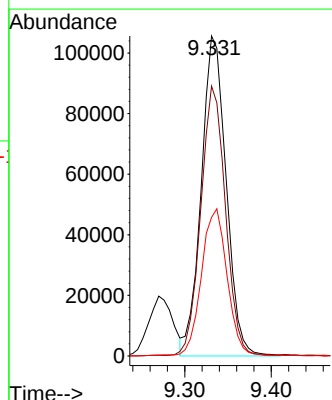
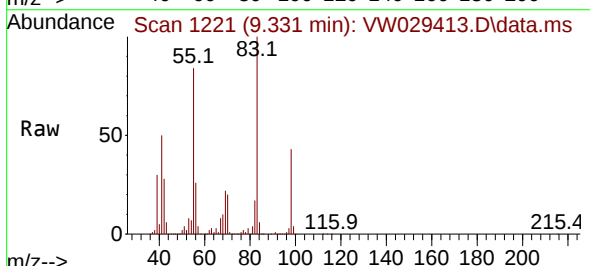
Tgt Ion: 83 Resp: 211161

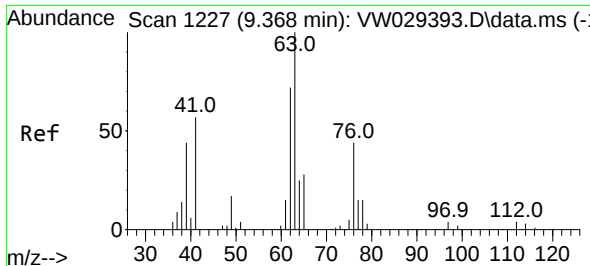
Ion Ratio Lower Upper

83 100

55 83.2 69.5 104.3

98 47.4 38.0 57.0





#37

1,2-Dichloropropane

Concen: 22.604 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Instrument :

MSVOA\_W

ClientSampleId :

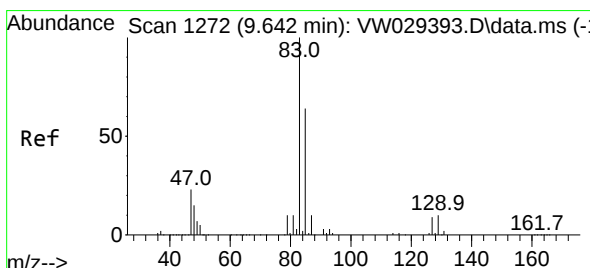
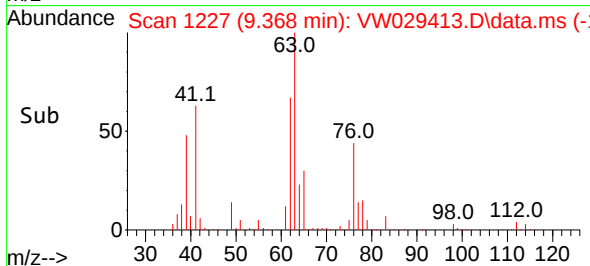
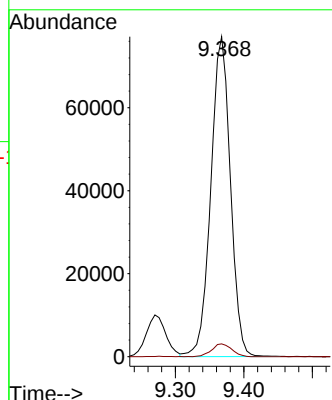
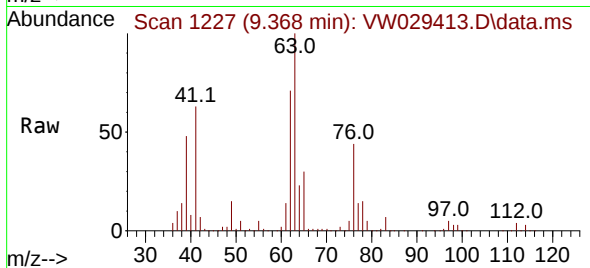
A4CC5MSD

Tgt Ion: 63 Resp: 152850

Ion Ratio Lower Upper

63 100

112 4.1 3.8 5.6



#38

Bromodichloromethane

Concen: 21.956 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

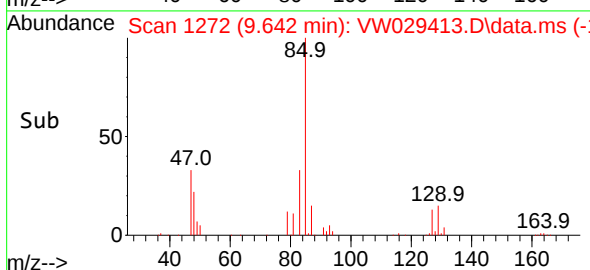
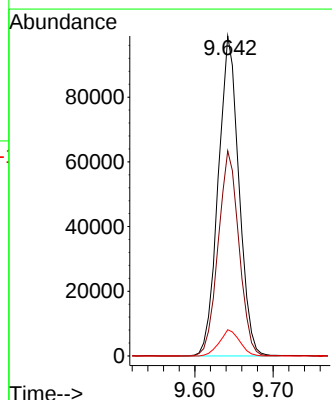
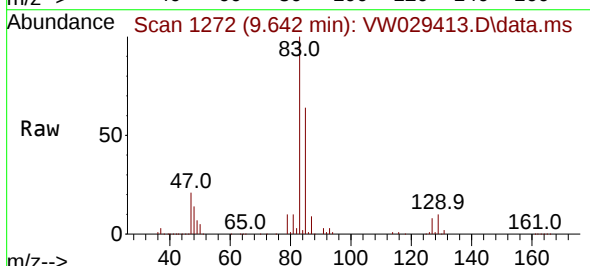
Tgt Ion: 83 Resp: 181528

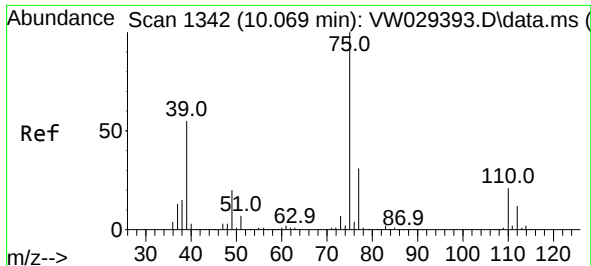
Ion Ratio Lower Upper

83 100

85 64.1 45.1 83.9

127 8.2 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 21.612 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Instrument :

MSVOA\_W

ClientSampleId :

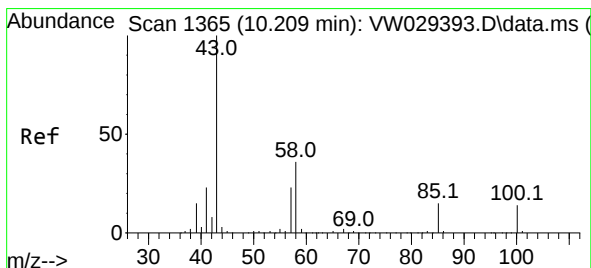
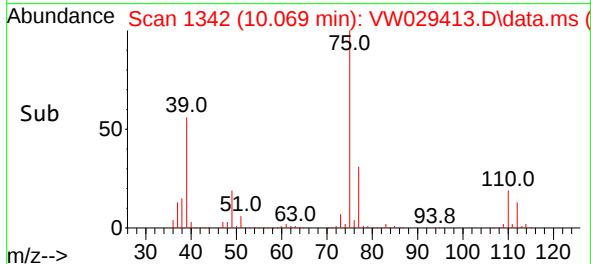
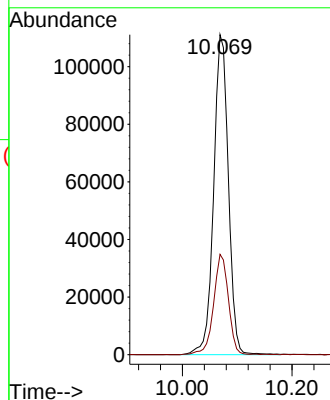
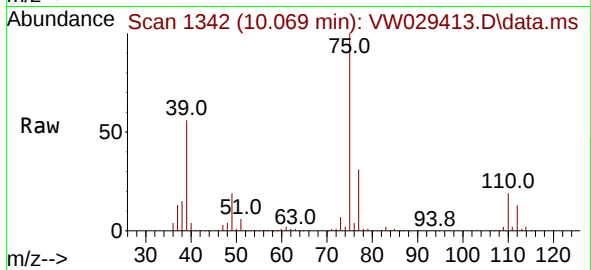
A4CC5MSD

Tgt Ion: 75 Resp: 206578

Ion Ratio Lower Upper

75 100

77 31.4 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 36.772 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

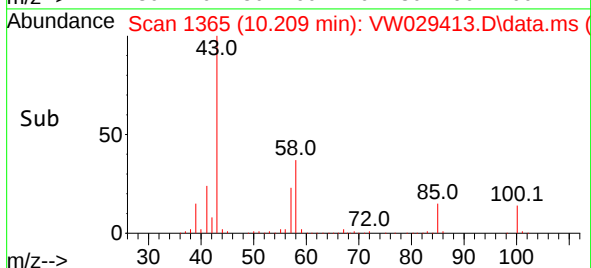
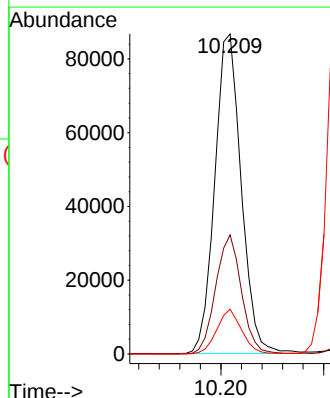
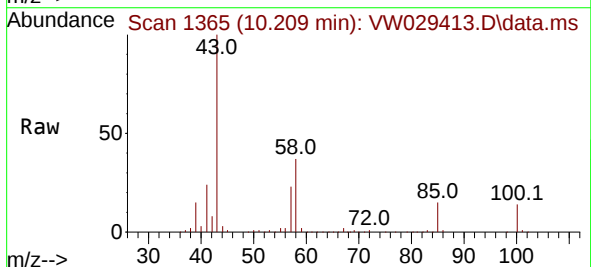
Tgt Ion: 43 Resp: 154117

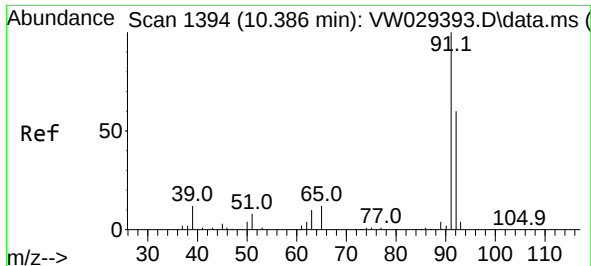
Ion Ratio Lower Upper

43 100

58 36.4 28.2 42.4

100 13.2 11.0 16.4





#42

Toluene

Concen: 22.865 ug/L

RT: 10.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Instrument :

MSVOA\_W

ClientSampleId :

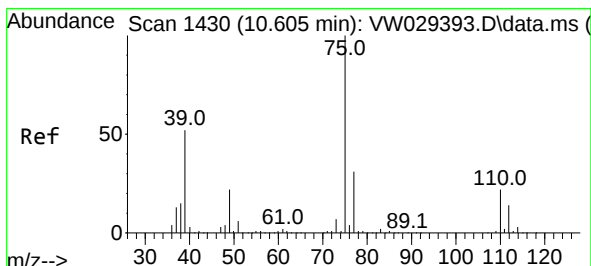
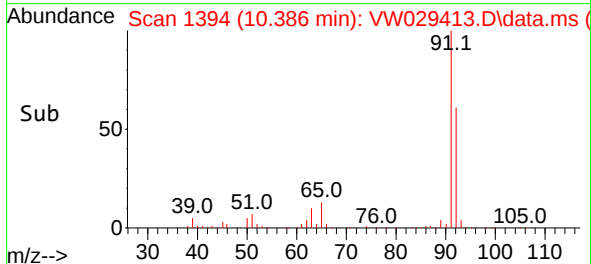
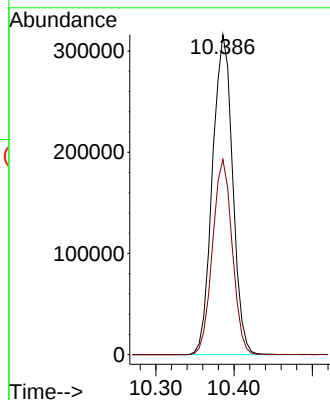
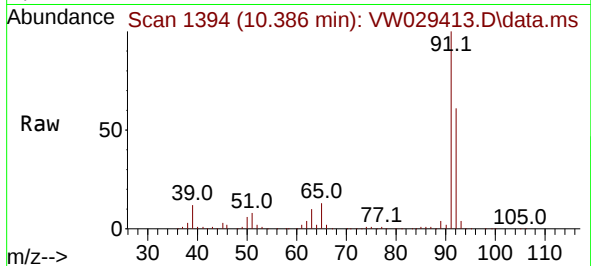
A4CC5MSD

Tgt Ion: 91 Resp: 565655

Ion Ratio Lower Upper

91 100

92 61.0 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 20.769 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029413.D

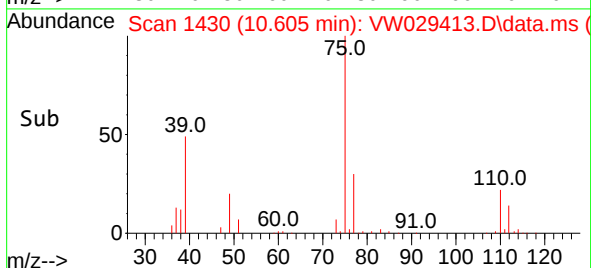
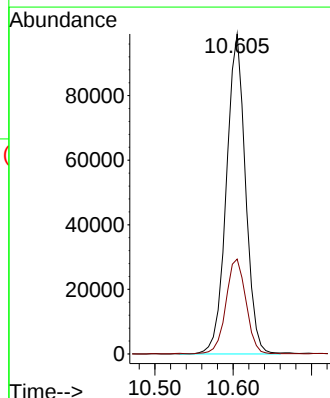
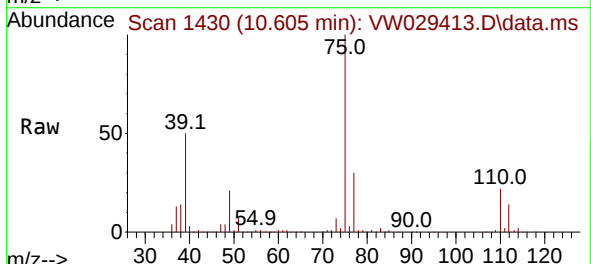
Acq: 28 Jun 2024 21:10

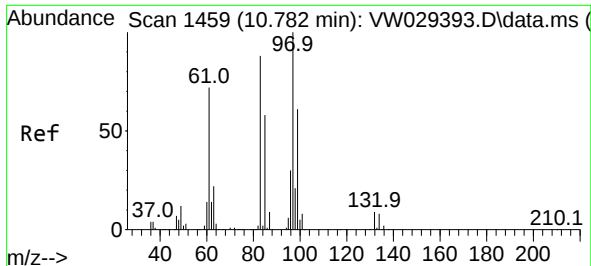
Tgt Ion: 75 Resp: 167625

Ion Ratio Lower Upper

75 100

77 29.7 22.7 42.1

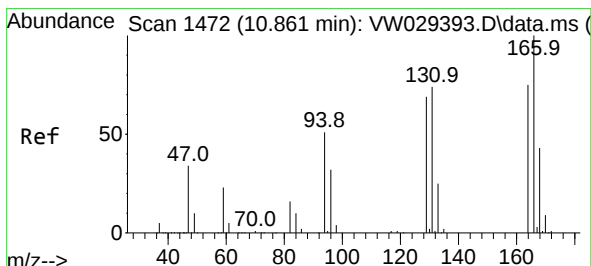
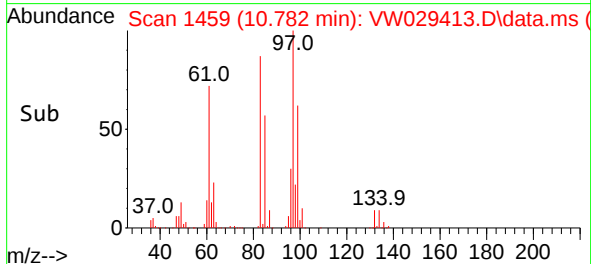
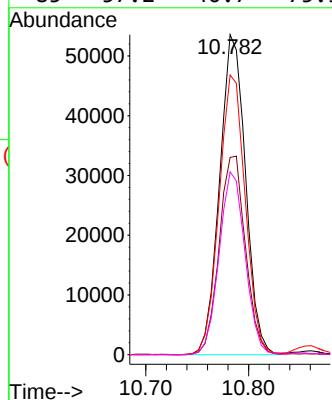
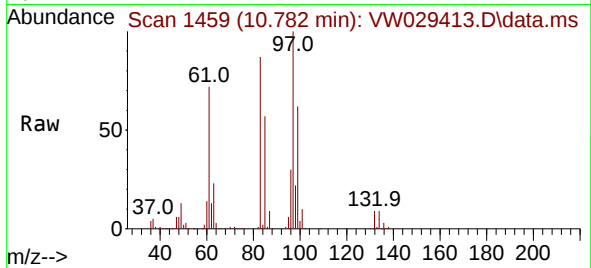




#45  
1,1,2-Trichloroethane  
Concen: 19.924 ug/L  
RT: 10.782 min Scan# 1459  
Delta R.T. -0.000 min  
Lab File: VW029413.D  
Acq: 28 Jun 2024 21:10

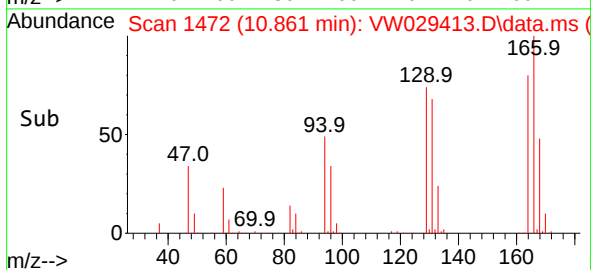
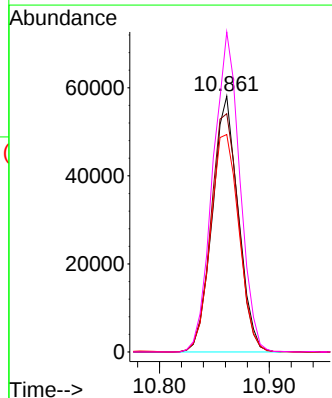
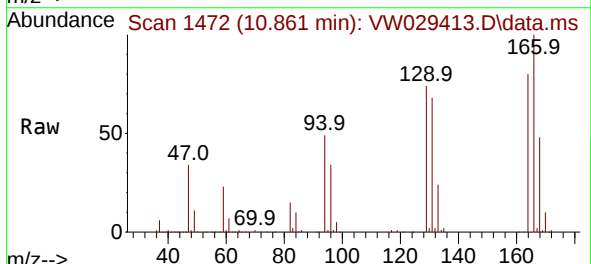
Instrument :  
MSVOA\_W  
ClientSampleId :  
A4CC5MSD

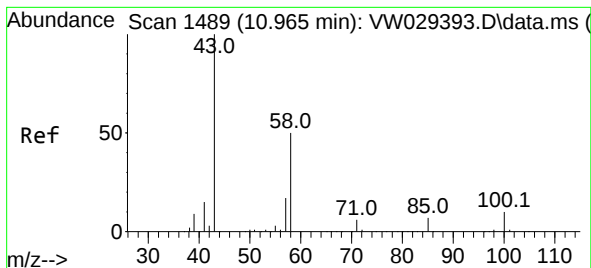
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 93834 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 61.6  | 42.3  | 78.5  |
| 83       | 87.4  | 57.7  | 107.1 |
| 85       | 57.2  | 40.7  | 75.5  |



#46  
Tetrachloroethene  
Concen: 21.245 ug/L  
RT: 10.861 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VW029413.D  
Acq: 28 Jun 2024 21:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 95347 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 93.1  | 68.5  | 127.3 |
| 131      | 85.0  | 71.8  | 133.4 |
| 166      | 125.1 | 97.2  | 180.4 |





#48

2-Hexanone

Concen: 33.412 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Instrument :

MSVOA\_W

ClientSampleId :

A4CC5MSD

Tgt Ion: 43 Resp: 99365

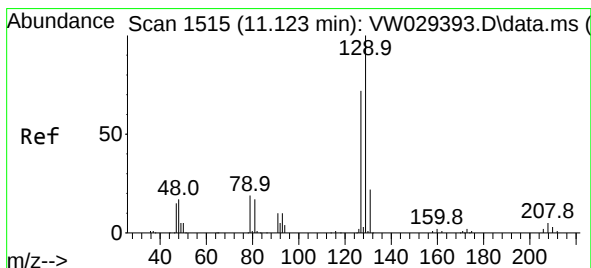
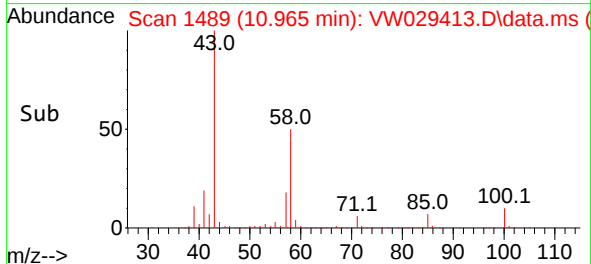
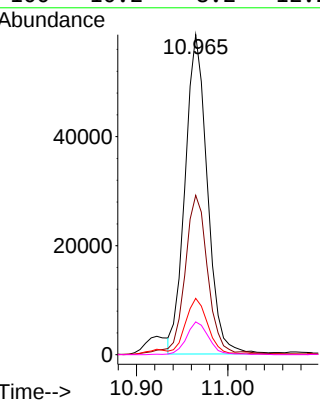
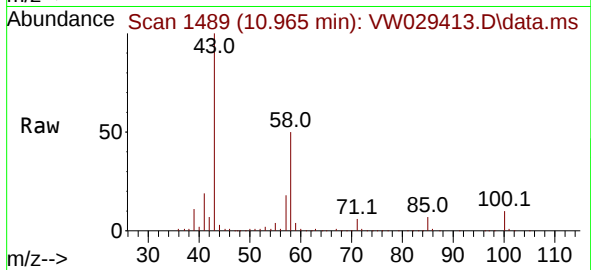
Ion Ratio Lower Upper

43 100

58 51.2 39.6 59.4

57 17.8 14.6 21.8

100 10.2 8.2 12.2



#49

Dibromochloromethane

Concen: 20.991 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW029413.D

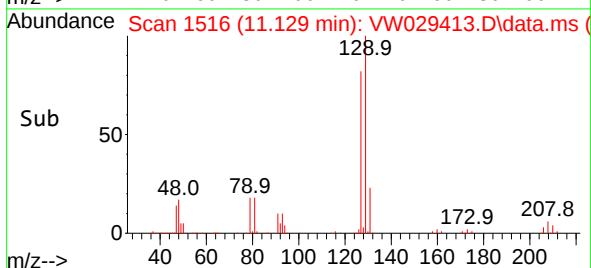
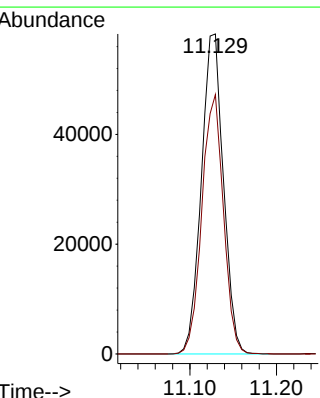
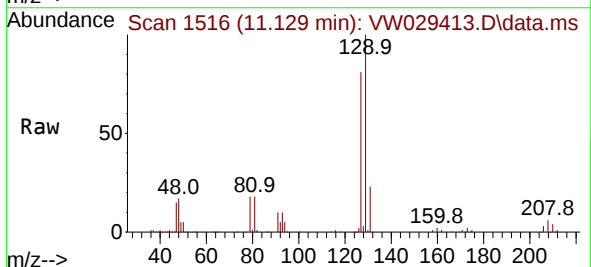
Acq: 28 Jun 2024 21:10

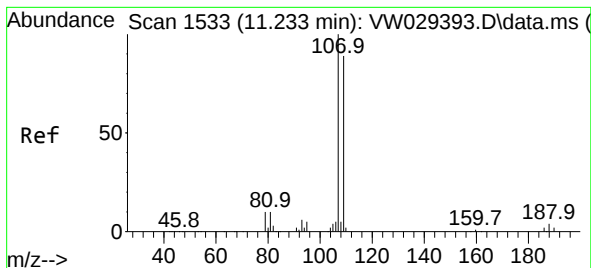
Tgt Ion: 129 Resp: 103337

Ion Ratio Lower Upper

129 100

127 81.0 54.8 101.8

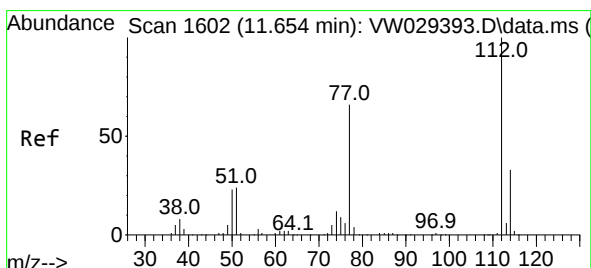
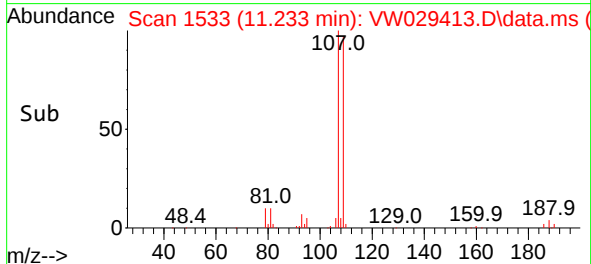
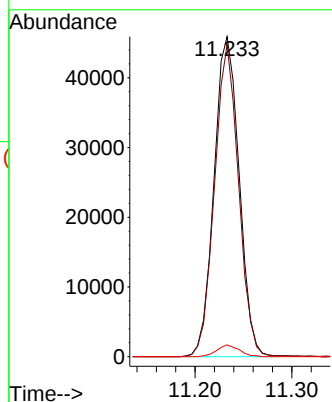
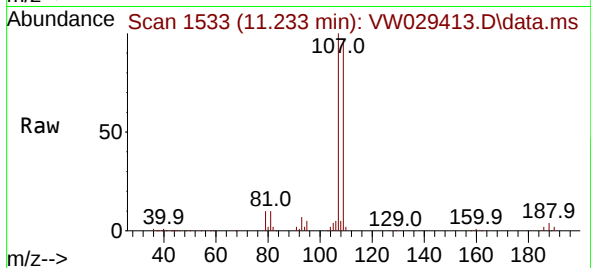




#50  
1,2-Dibromoethane  
Concen: 19.528 ug/L  
RT: 11.233 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW029413.D  
Acq: 28 Jun 2024 21:10

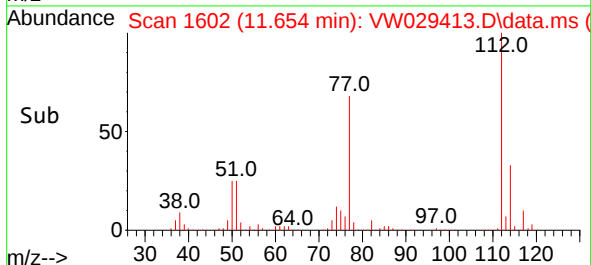
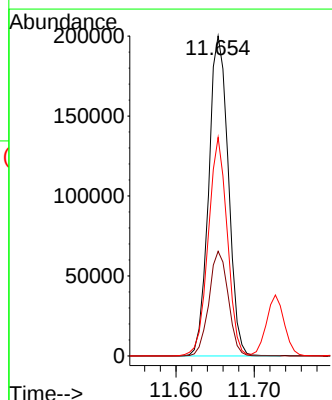
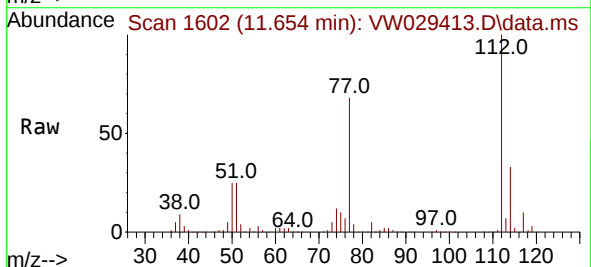
Instrument :  
MSVOA\_W  
ClientSampleId :  
A4CC5MSD

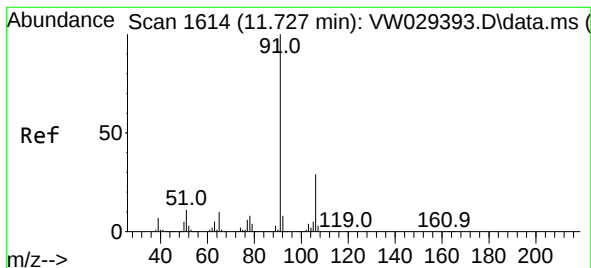
Tgt Ion:107 Resp: 82557  
Ion Ratio Lower Upper  
107 100  
109 97.5 65.5 121.6  
188 3.7 2.6 4.0



#51  
Chlorobenzene  
Concen: 21.615 ug/L  
RT: 11.654 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: VW029413.D  
Acq: 28 Jun 2024 21:10

Tgt Ion:112 Resp: 347242  
Ion Ratio Lower Upper  
112 100  
114 32.7 22.6 42.0  
77 68.3 51.0 76.6

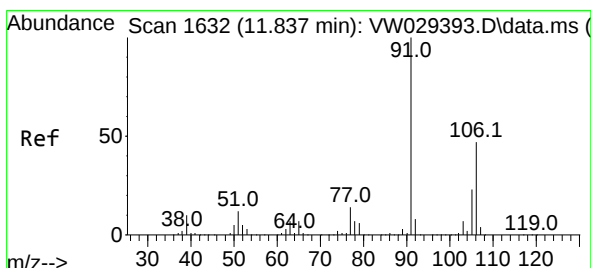
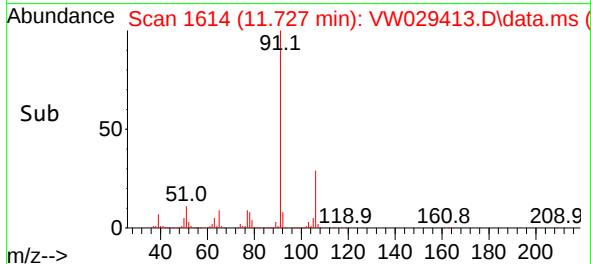
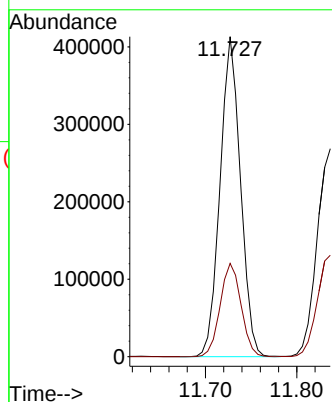
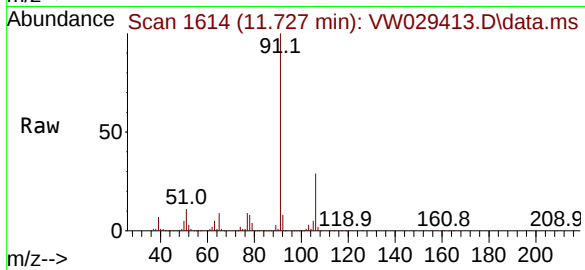




#52  
Ethylbenzene  
Concen: 22.863 ug/L  
RT: 11.727 min Scan# 1614  
Delta R.T. -0.000 min  
Lab File: VW029413.D  
Acq: 28 Jun 2024 21:10

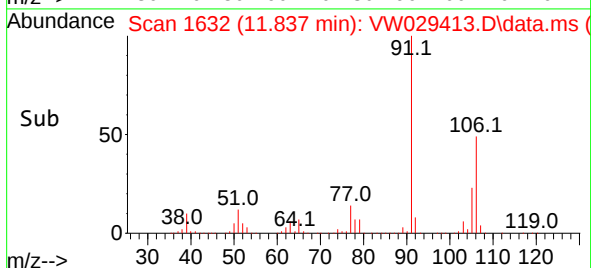
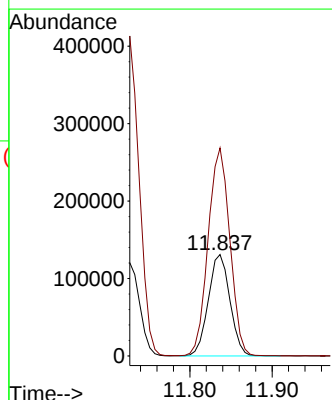
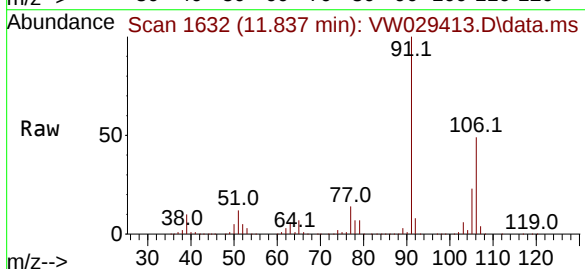
Instrument :  
MSVOA\_W  
ClientSampleId :  
A4CC5MSD

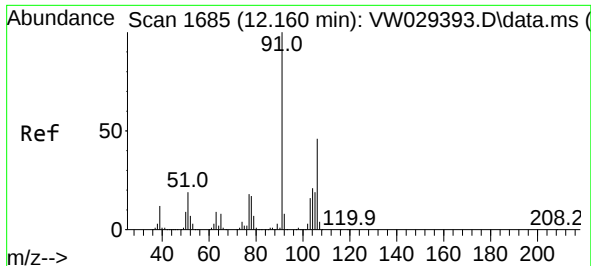
Tgt Ion: 91 Resp: 642035  
Ion Ratio Lower Upper  
91 100  
106 29.1 19.9 37.0



#53  
m,p-Xylene  
Concen: 23.321 ug/L  
RT: 11.837 min Scan# 1632  
Delta R.T. -0.000 min  
Lab File: VW029413.D  
Acq: 28 Jun 2024 21:10

Tgt Ion: 106 Resp: 239211  
Ion Ratio Lower Upper  
106 100  
91 204.8 140.5 260.9

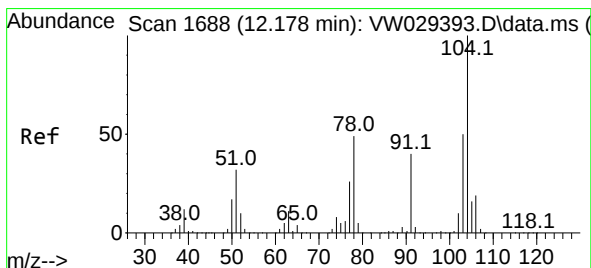
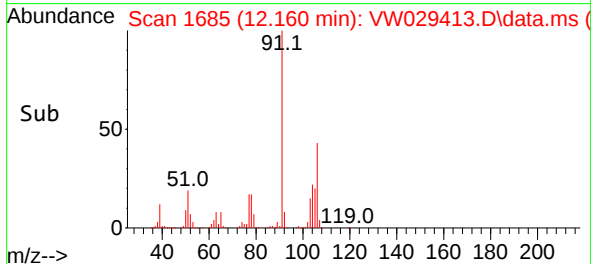
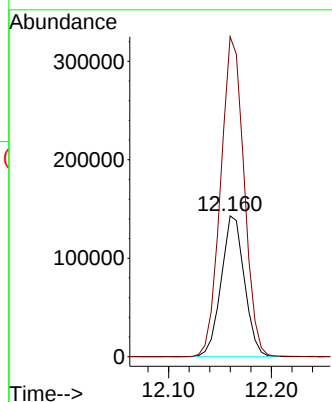
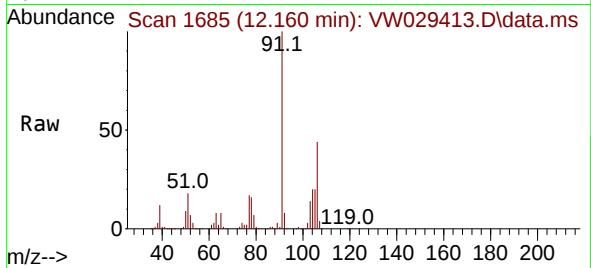




#54  
o-Xylene  
Concen: 23.403 ug/L  
RT: 12.160 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VW029413.D  
Acq: 28 Jun 2024 21:10

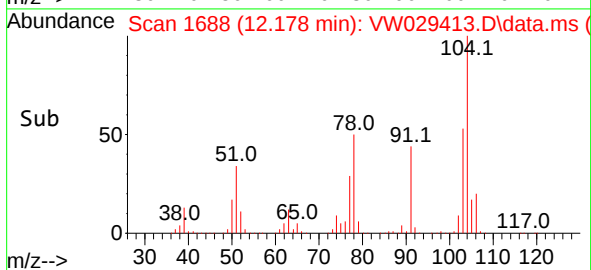
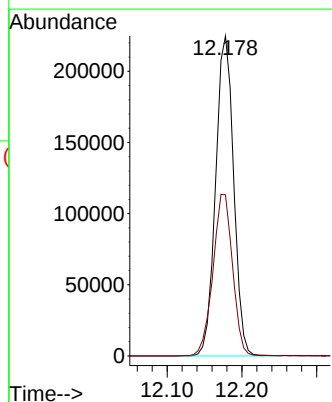
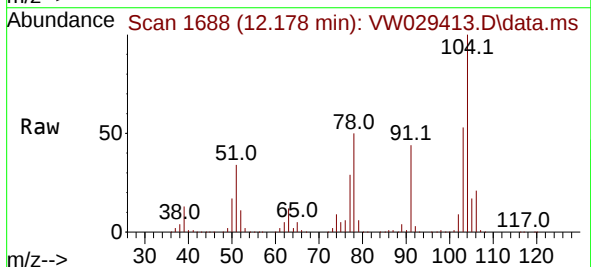
Instrument :  
MSVOA\_W  
ClientSampleId :  
A4CC5MSD

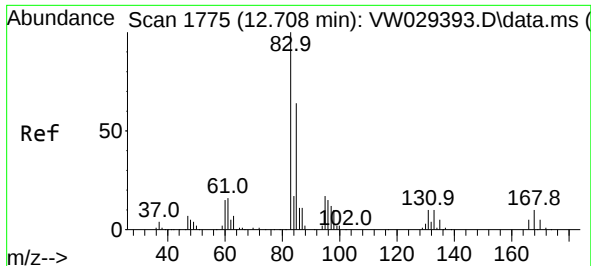
Tgt Ion:106 Resp: 224355  
Ion Ratio Lower Upper  
106 100  
91 227.1 149.9 278.5



#55  
Styrene  
Concen: 22.506 ug/L  
RT: 12.178 min Scan# 1688  
Delta R.T. -0.000 min  
Lab File: VW029413.D  
Acq: 28 Jun 2024 21:10

Tgt Ion:104 Resp: 376186  
Ion Ratio Lower Upper  
104 100  
78 50.3 35.4 65.7





#57

1,1,2-Tetrachloroethane

Concen: 18.593 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Instrument :

MSVOA\_W

ClientSampleId :

A4CC5MSD

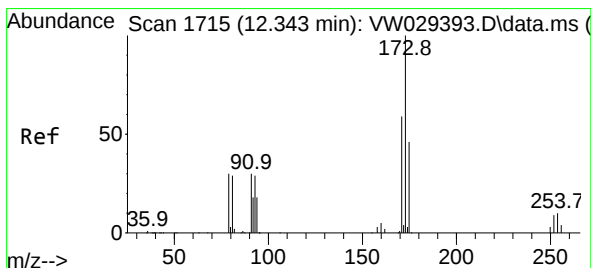
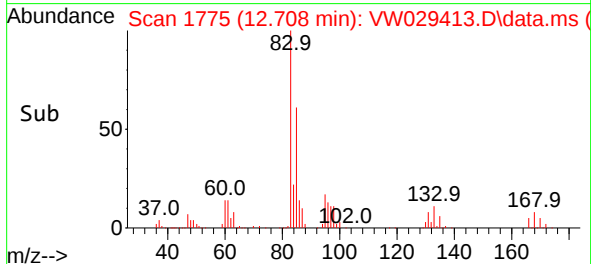
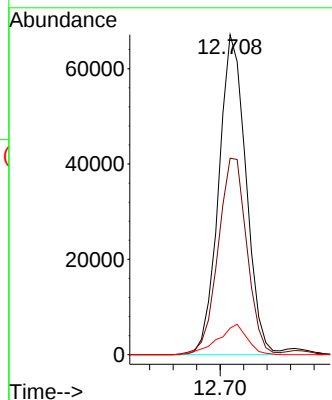
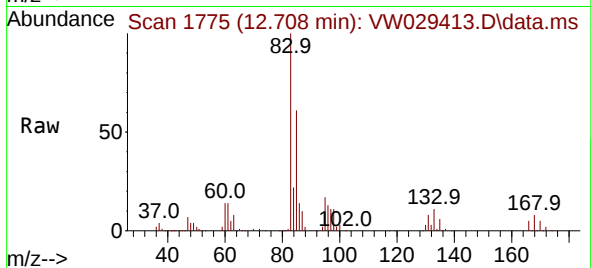
Tgt Ion: 83 Resp: 108316

Ion Ratio Lower Upper

83 100

85 61.4 45.8 85.0

131 8.3 7.8 11.6



#59

Bromoform

Concen: 21.026 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

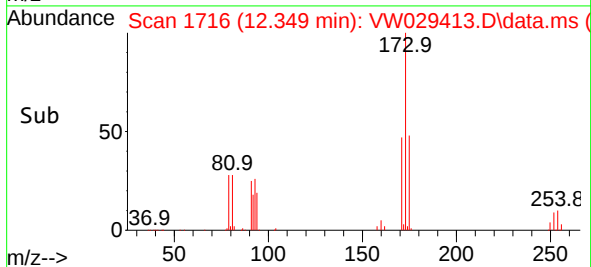
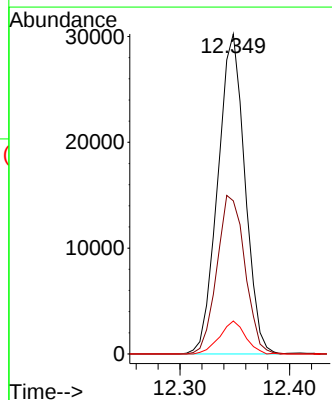
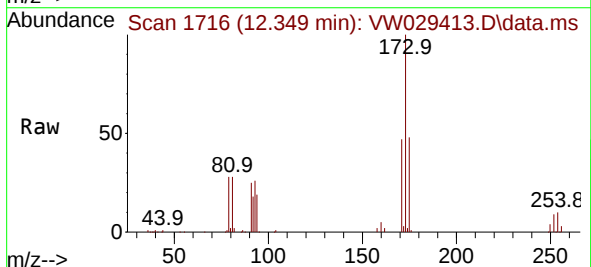
Tgt Ion:173 Resp: 51849

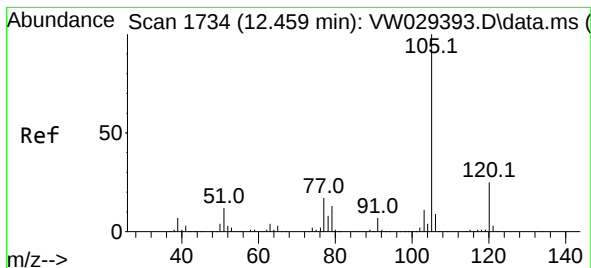
Ion Ratio Lower Upper

173 100

175 51.3 37.8 56.8

254 9.8 7.8 11.6





#60

Isopropylbenzene

Concen: 26.535 ug/L

RT: 12.458 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Instrument :

MSVOA\_W

ClientSampleId :

A4CC5MSD

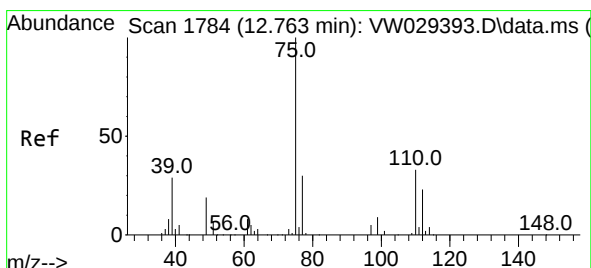
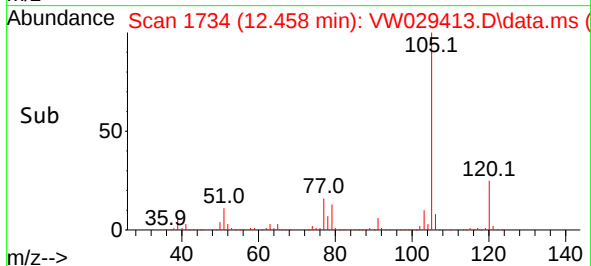
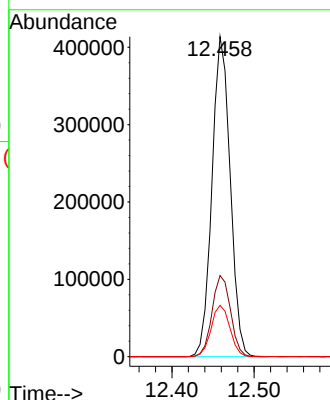
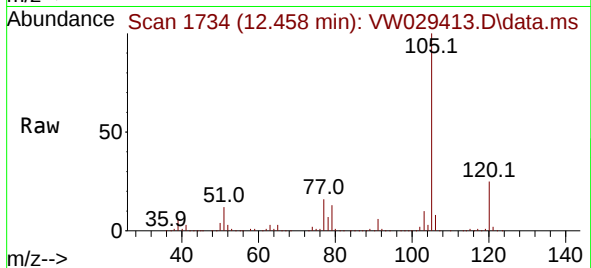
Tgt Ion:105 Resp: 636164

Ion Ratio Lower Upper

105 100

120 25.7 20.5 30.7

77 16.5 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 20.166 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

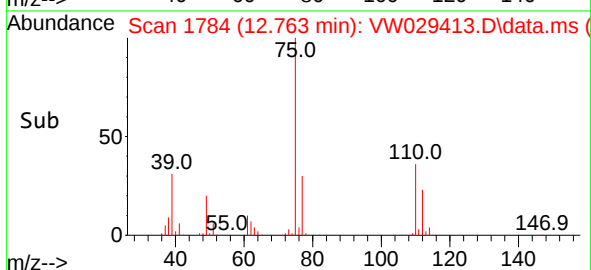
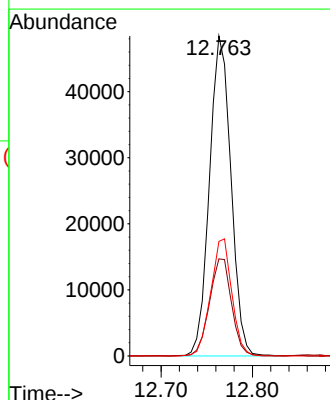
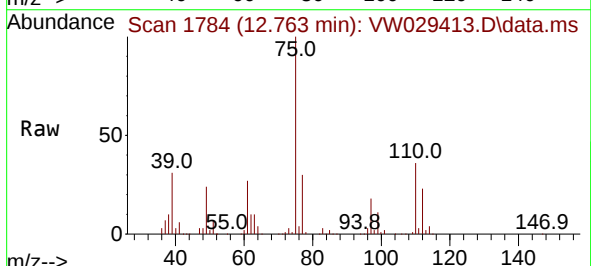
Tgt Ion: 75 Resp: 79141

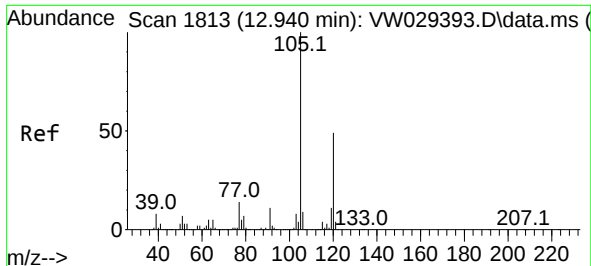
Ion Ratio Lower Upper

75 100

77 31.3 26.6 39.8

110 36.0 29.5 44.3





#62

1,3,5-Trimethylbenzene

Concen: 26.166 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Instrument :

MSVOA\_W

ClientSampleId :

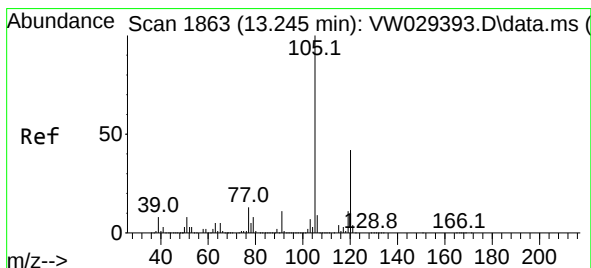
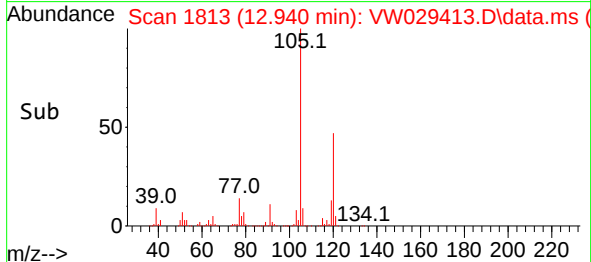
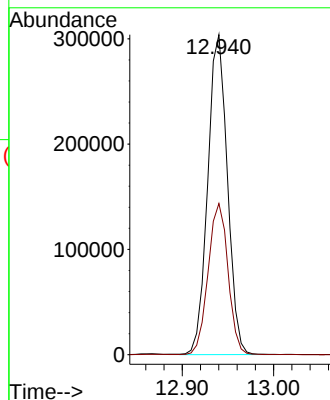
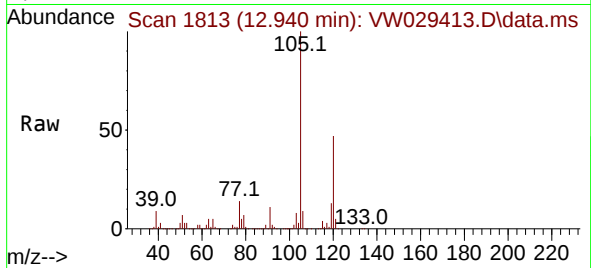
A4CC5MSD

Tgt Ion:105 Resp: 454308

Ion Ratio Lower Upper

105 100

120 47.8 36.4 54.6



#63

1,2,4-Trimethylbenzene

Concen: 26.653 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029413.D

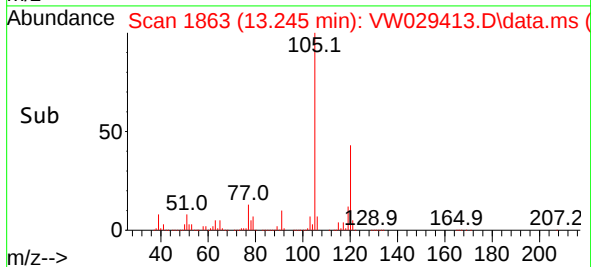
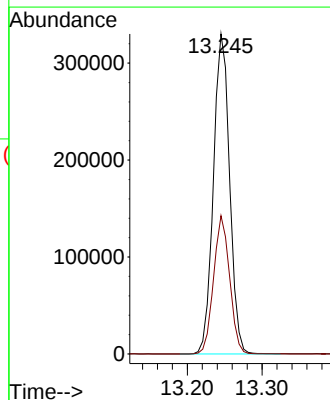
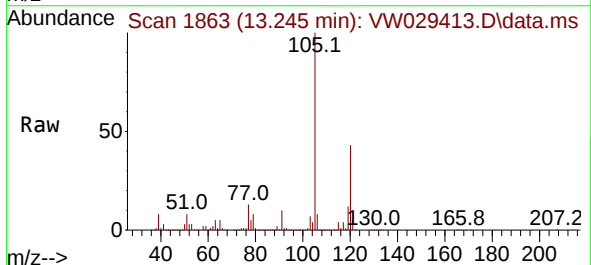
Acq: 28 Jun 2024 21:10

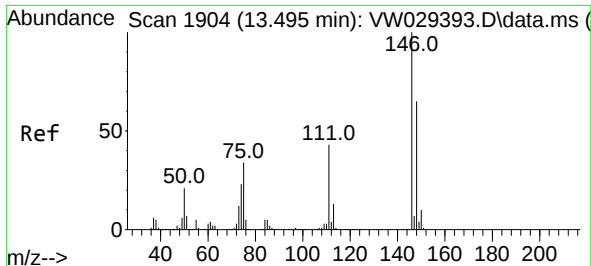
Tgt Ion:105 Resp: 497910

Ion Ratio Lower Upper

105 100

120 42.7 34.9 52.3

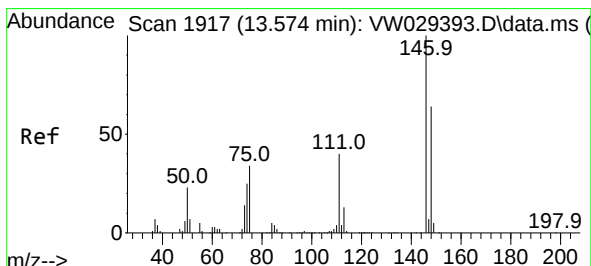
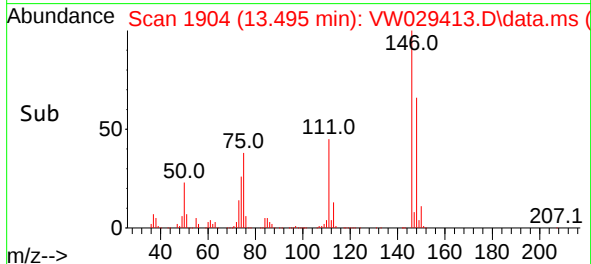
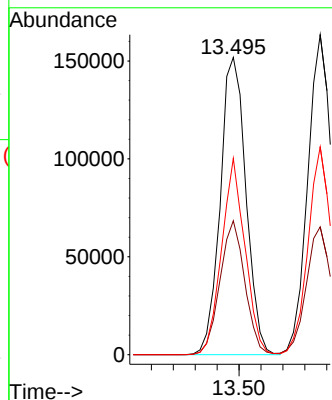
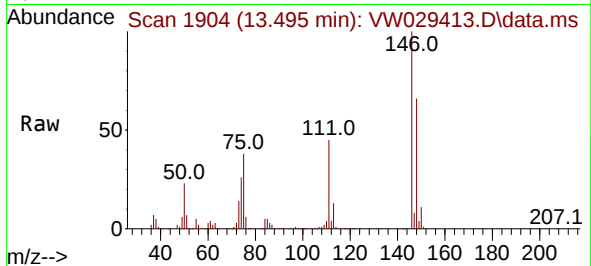




#64  
1,3-Dichlorobenzene  
Concen: 23.875 ug/L  
RT: 13.495 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VW029413.D  
Acq: 28 Jun 2024 21:10

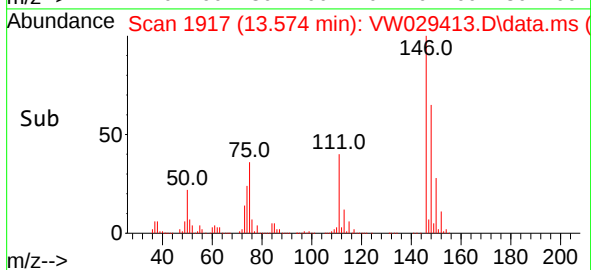
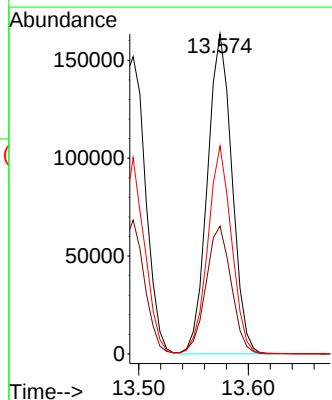
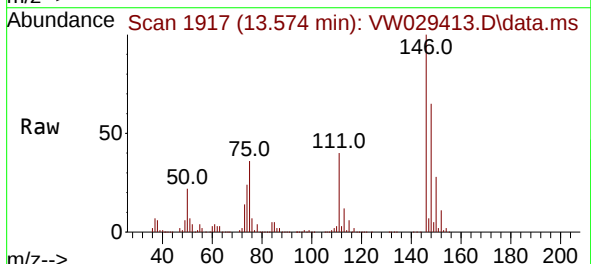
Instrument :  
MSVOA\_W  
ClientSampleId :  
A4CC5MSD

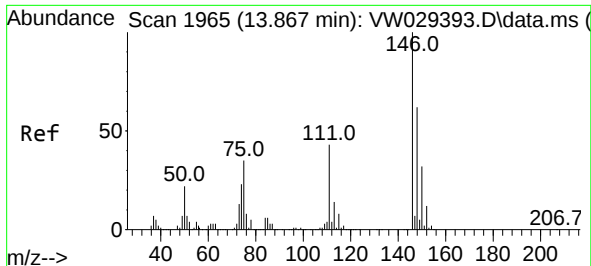
Tgt Ion:146 Resp: 247706  
Ion Ratio Lower Upper  
146 100  
111 45.0 33.0 61.2  
148 66.1 47.5 88.1



#65  
1,4-Dichlorobenzene  
Concen: 23.087 ug/L  
RT: 13.574 min Scan# 1917  
Delta R.T. -0.000 min  
Lab File: VW029413.D  
Acq: 28 Jun 2024 21:10

Tgt Ion:146 Resp: 254846  
Ion Ratio Lower Upper  
146 100  
111 39.9 28.9 53.7  
148 65.0 42.0 78.0





#67

1,2-Dichlorobenzene

Concen: 23.196 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Instrument :

MSVOA\_W

ClientSampleId :

A4CC5MSD

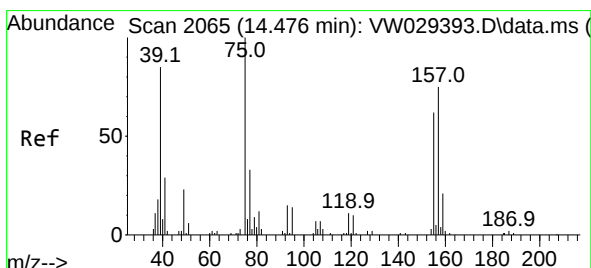
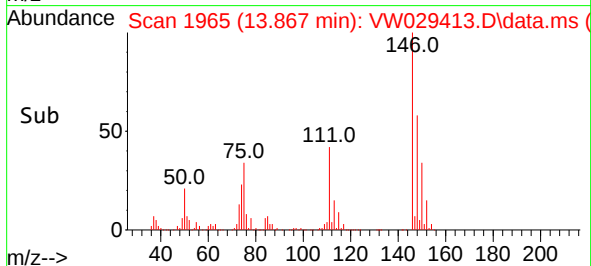
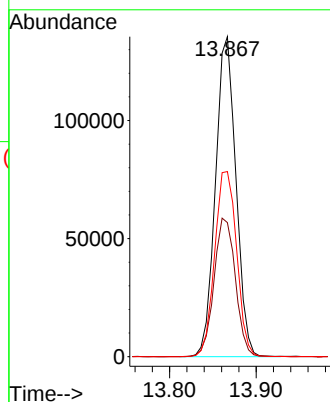
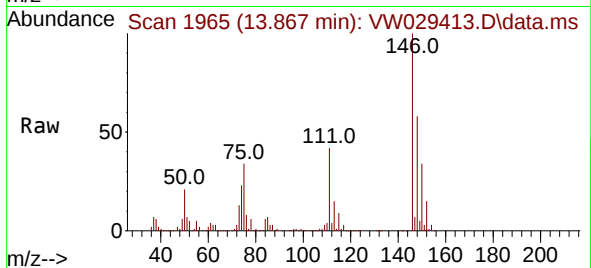
Tgt Ion:146 Resp: 222483

Ion Ratio Lower Upper

146 100

111 41.9 34.2 51.4

148 57.9 46.3 69.5



#68

1,2-Dibromo-3-chloropropane

Concen: 18.042 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

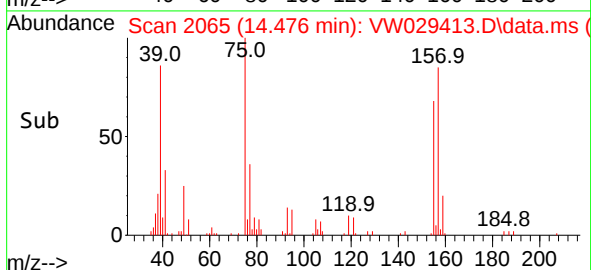
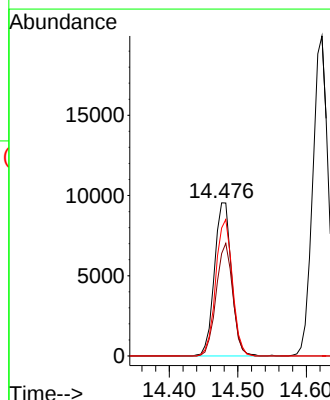
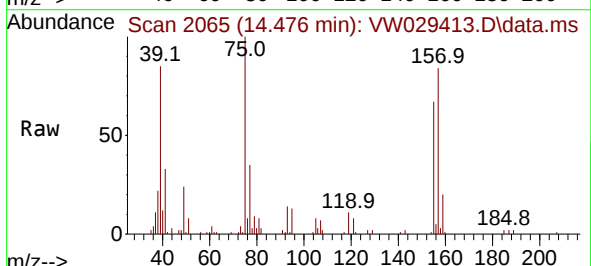
Tgt Ion: 75 Resp: 16523

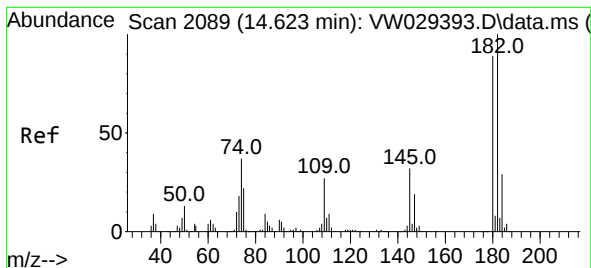
Ion Ratio Lower Upper

75 100

155 66.9 51.0 76.6

157 83.5 58.8 88.2





#69

1,3,5-Trichlorobenzene

Concen: 21.209 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Instrument :

MSVOA\_W

ClientSampleId :

A4CC5MSD

Tgt Ion:180 Resp: 148504

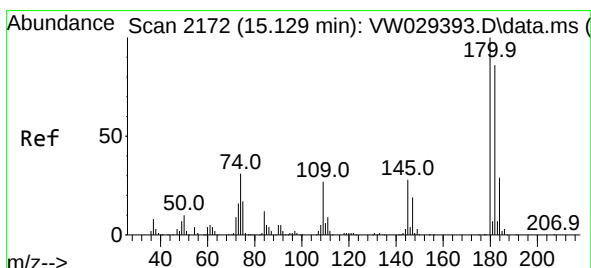
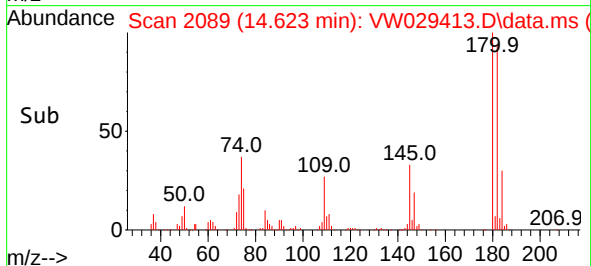
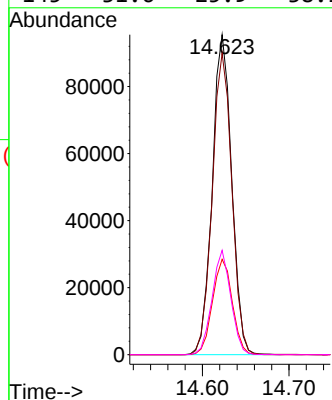
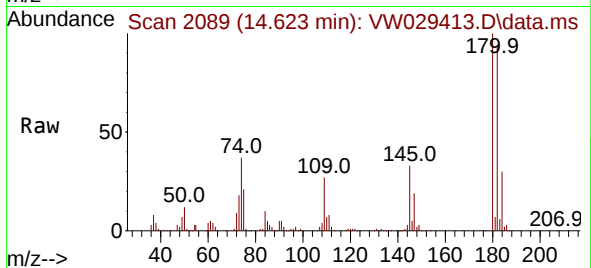
Ion Ratio Lower Upper

180 100

182 95.3 72.9 109.3

184 30.4 23.8 35.6

145 31.6 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 19.528 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

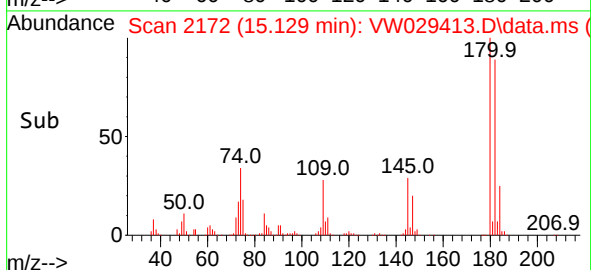
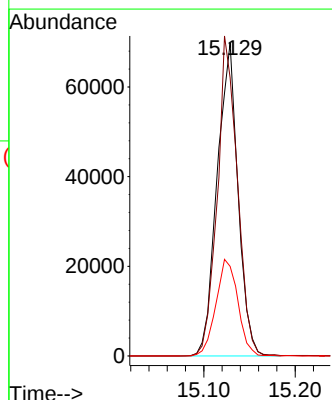
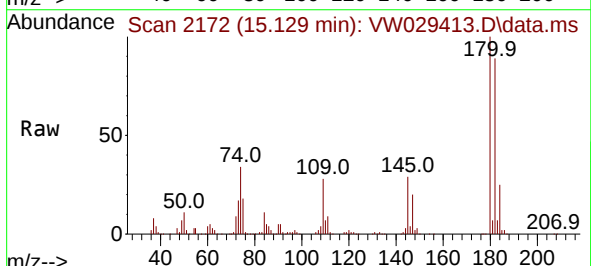
Tgt Ion:180 Resp: 110845

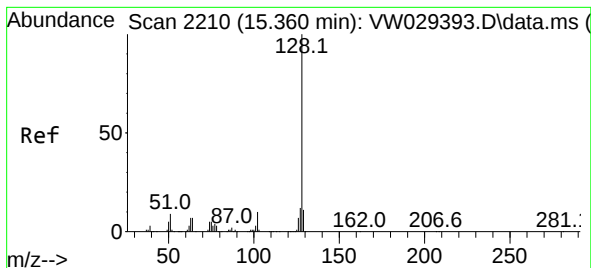
Ion Ratio Lower Upper

180 100

182 98.0 77.7 116.5

145 32.4 25.7 38.5





#71

Naphthalene

Concen: 19.603 ug/L

RT: 15.354 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Instrument :

MSVOA\_W

ClientSampleId :

A4CC5MSD

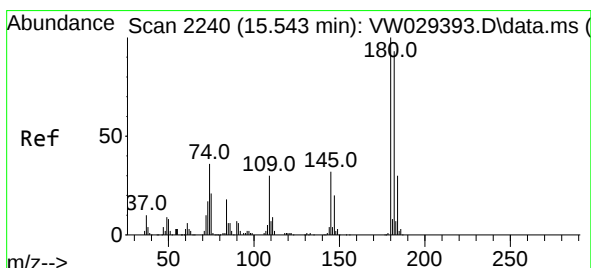
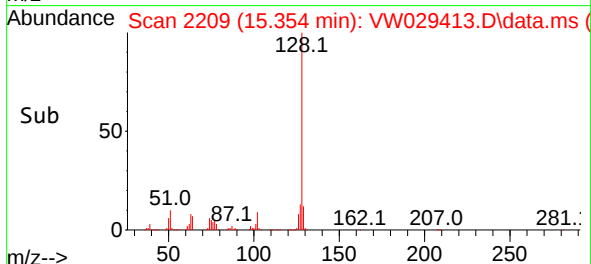
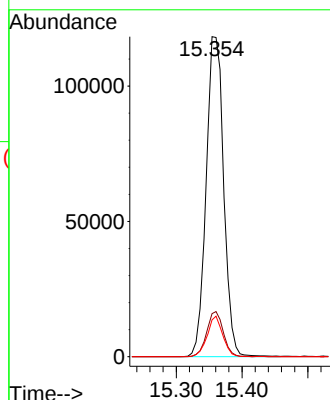
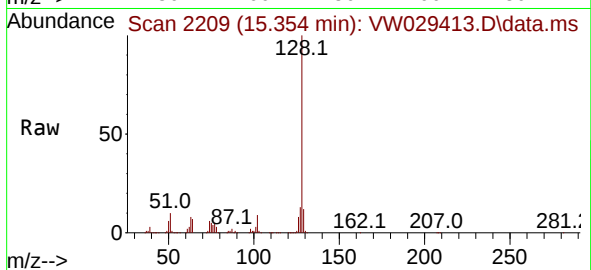
Tgt Ion:128 Resp: 219608

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.2 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 18.393 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW029413.D

Acq: 28 Jun 2024 21:10

Tgt Ion:180 Resp: 95127

Ion Ratio Lower Upper

180 100

182 93.9 73.0 109.6

145 34.0 28.1 42.1

