

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\ VX033125\  
 Data File : VX045516.D  
 Acq On : 31 Mar 2025 12:58  
 Operator : JC/MD  
 Sample : VSTDCCC050EC  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050ECEC

Quant Time: Apr 07 12:13:55 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML032825WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Apr 07 12:12:10 2025  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.751   | 114   | 137941   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.049  | 117   | 127033   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.018  | 152   | 56719    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 45683    | 44.289   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 88.580%  |
| 7) Chloroethane-d5            | 1.648   | 69    | 36967    | 54.708   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 109.420% |
| 11) 1,1-Dichloroethene-d2     | 2.294   | 65    | 24350    | 45.307   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 90.620%  |
| 21) 2-Butanone-d5             | 4.452   | 46    | 87306    | 127.226  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 127.230% |
| 24) Chloroform-d              | 5.050   | 84    | 125943   | 55.019   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 110.040% |
| 26) 1,2-Dichloroethane-d4     | 5.946   | 65    | 88608    | 55.330   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 110.660% |
| 32) Benzene-d6                | 5.964   | 84    | 217783   | 52.881   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 105.760% |
| 36) 1,2-Dichloropropane-d6    | 7.299   | 67    | 71976    | 54.271   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 108.540% |
| 41) Toluene-d8                | 8.641   | 98    | 188877   | 50.789   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 101.580% |
| 43) trans-1,3-Dichloroprop... | 8.945   | 79    | 31059    | 57.035   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 114.080% |
| 47) 2-Hexanone-d5             | 9.384   | 63    | 63444    | 125.429  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 125.430% |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189  | 84    | 102321   | 58.121   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 116.240% |
| 66) 1,2-Dichlorobenzene-d4    | 12.317  | 152   | 64364    | 53.383   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 106.760% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.166   | 85    | 64600    | 43.811   | ug/L   | 100      |
| 3) Chloromethane              | 1.307   | 50    | 67674    | 51.988   | ug/L   | 97       |
| 5) Vinyl chloride             | 1.374   | 62    | 55862    | 46.143   | ug/L   | 99       |
| 6) Bromomethane               | 1.593   | 94    | 28491    | 52.635   | ug/L   | 99       |
| 8) Chloroethane               | 1.666   | 64    | 31751    | 52.470   | ug/L   | 97       |
| 9) Trichlorofluoromethane     | 1.874   | 101   | 78373    | 47.132   | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.319   | 101   | 49757    | 46.967   | ug/L   | 97       |
| 12) 1,1-Dichloroethene        | 2.313   | 96    | 44744    | 47.310   | ug/L   | 87       |
| 13) Acetone                   | 2.380   | 43    | 69613    | 107.062  | ug/L   | 92       |
| 14) Carbon disulfide          | 2.502   | 76    | 117767   | 48.326   | ug/L   | 100      |
| 15) Methyl Acetate            | 2.697   | 43    | 76938    | 59.587   | ug/L   | 93       |
| 16) Methylene chloride        | 2.782   | 84    | 61006    | 55.675   | ug/L   | 92       |
| 17) trans-1,2-Dichloroethene  | 3.081   | 96    | 49586    | 52.440   | ug/L   | 94       |
| 18) Methyl tert-butyl Ether   | 3.111   | 73    | 197186   | 60.079   | ug/L   | 95       |
| 19) 1,1-Dichloroethane        | 3.599   | 63    | 109518   | 55.505   | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 4.477   | 96    | 61418    | 56.402   | ug/L   | 91       |
| 22) 2-Butanone                | 4.550   | 43    | 107568   | 114.010  | ug/L   | 91       |
| 23) Bromochloromethane        | 4.891   | 128   | 32210    | 59.778   | ug/L   | 89       |
| 25) Chloroform                | 5.080   | 83    | 116337   | 56.241   | ug/L   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX033125\  
 Data File : VX045516.D  
 Acq On : 31 Mar 2025 12:58  
 Operator : JC/MD  
 Sample : VSTDCCC050EC  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050ECEC

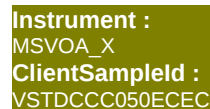
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML032825WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Apr 07 12:12:10 2025  
 Response via : Initial Calibration

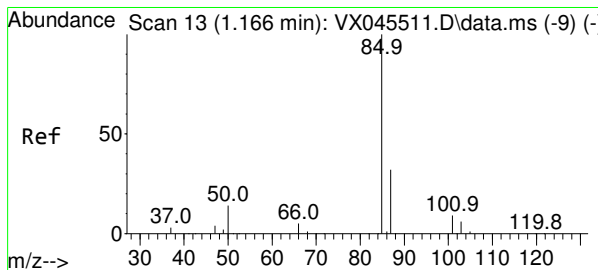
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 27) 1,2-Dichloroethane        | 6.080  | 62   | 101933   | 57.370  | ug/L  | 98       |
| 29) Cyclohexane               | 5.458  | 56   | 87524    | 45.448  | ug/L  | 96       |
| 30) 1,1,1-Trichloroethane     | 5.373  | 97   | 86591    | 49.704  | ug/L  | 94       |
| 31) Carbon tetrachloride      | 5.672  | 117  | 71750    | 47.489  | ug/L  | 99       |
| 33) Benzene                   | 6.025  | 78   | 225844   | 54.173  | ug/L  | 100      |
| 34) Trichloroethene           | 7.117  | 95   | 57100    | 51.487  | ug/L  | 96       |
| 35) Methylcyclohexane         | 7.373  | 83   | 80709    | 45.609  | ug/L  | 94       |
| 37) 1,2-Dichloropropane       | 7.421  | 63   | 62824    | 55.584  | ug/L  | 100      |
| 38) Bromodichloromethane      | 7.818  | 83   | 88252    | 56.848  | ug/L  | 100      |
| 39) cis-1,3-Dichloropropene   | 8.360  | 75   | 94346    | 56.996  | ug/L  | 96       |
| 40) 4-Methyl-2-pentanone      | 8.568  | 43   | 208303   | 120.369 | ug/L  | 94       |
| 42) Toluene                   | 8.714  | 91   | 227926   | 53.285  | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 8.976  | 75   | 87685    | 56.858  | ug/L  | 99       |
| 45) 1,1,2-Trichloroethane     | 9.147  | 97   | 63103    | 58.122  | ug/L  | 98       |
| 46) Tetrachloroethene         | 9.269  | 164  | 37159    | 48.914  | ug/L  | 96       |
| 48) 2-Hexanone                | 9.427  | 43   | 156463   | 119.939 | ug/L  | 94       |
| 49) Dibromochloromethane      | 9.519  | 129  | 64121    | 59.198  | ug/L  | 97       |
| 50) 1,2-Dibromoethane         | 9.604  | 107  | 65564    | 58.048  | ug/L  | 99       |
| 51) Chlorobenzene             | 10.073 | 112  | 145265   | 54.130  | ug/L  | 98       |
| 52) Ethylbenzene              | 10.189 | 91   | 246356   | 51.167  | ug/L  | 98       |
| 53) m,p-Xylene                | 10.299 | 106  | 92328    | 52.898  | ug/L  | 99       |
| 54) o-Xylene                  | 10.640 | 106  | 92607    | 54.015  | ug/L  | 98       |
| 55) Styrene                   | 10.653 | 104  | 160476   | 55.930  | ug/L  | 96       |
| 57) 1,1,2,2-Tetrachloroethane | 11.207 | 83   | 99592    | 58.363  | ug/L  | 99       |
| 59) Bromoform                 | 10.799 | 173  | 42897    | 59.900  | ug/L  | 99       |
| 60) Isopropylbenzene          | 10.957 | 105  | 234984   | 50.777  | ug/L  | 98       |
| 61) 1,2,3-Trichloropropane    | 11.238 | 75   | 81290    | 58.776  | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 199240   | 52.636  | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 200143   | 53.868  | ug/L  | 98       |
| 64) 1,3-Dichlorobenzene       | 11.969 | 146  | 101768   | 54.129  | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 12.036 | 146  | 100589   | 53.653  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 12.335 | 146  | 102808   | 54.976  | ug/L  | 100      |
| 68) 1,2-Dibromo-3-chloropr... | 12.939 | 75   | 21522    | 57.874  | ug/L  | 91       |
| 69) 1,3,5-Trichlorobenzene    | 13.109 | 180  | 64042    | 53.807  | ug/L  | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.585 | 180  | 57509    | 54.790  | ug/L  | 97       |
| 71) Naphthalene               | 13.774 | 128  | 234307   | 59.022  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 60676    | 56.244  | ug/L  | 100      |

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

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MSVOA\_X  
**ClientSampleId :**  
VSTDCCC050ECEC

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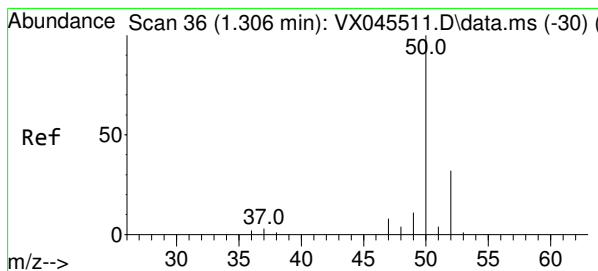
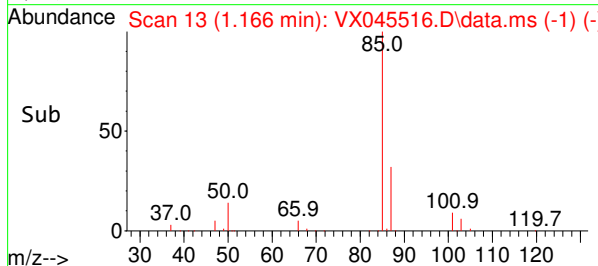
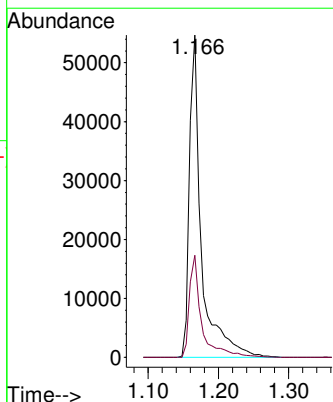
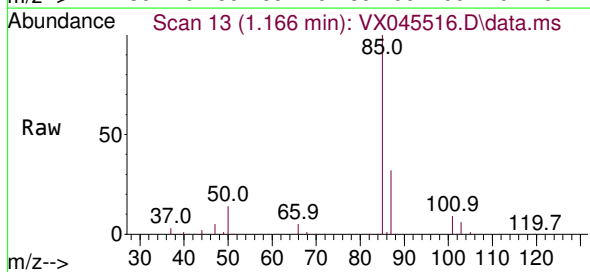




#2  
Dichlorodifluoromethane  
Concen: 43.811 ug/L  
RT: 1.166 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

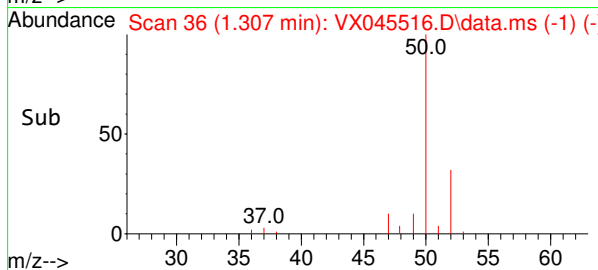
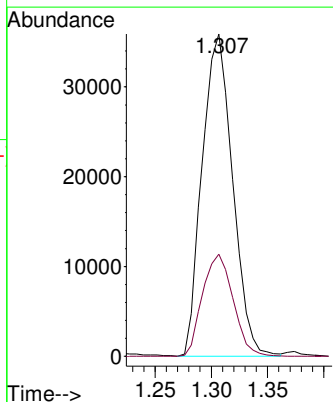
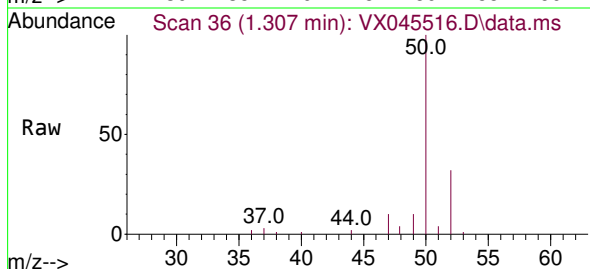
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050ECEC

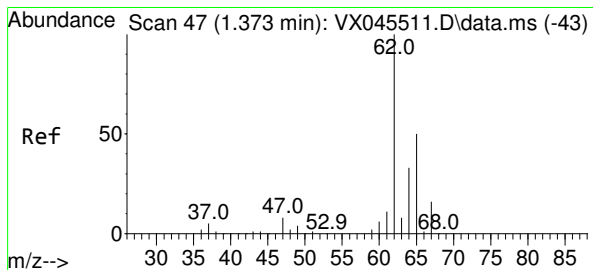
Tgt Ion: 85 Resp: 64600  
Ion Ratio Lower Upper  
85 100  
87 32.6 25.9 38.9



#3  
Chloromethane  
Concen: 51.988 ug/L  
RT: 1.307 min Scan# 36  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

Tgt Ion: 50 Resp: 67674  
Ion Ratio Lower Upper  
50 100  
52 31.7 23.3 43.3

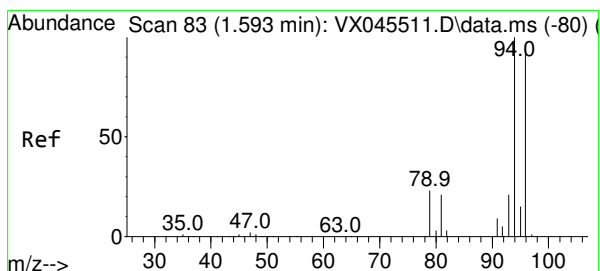
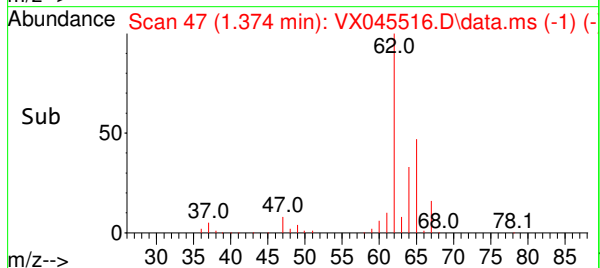
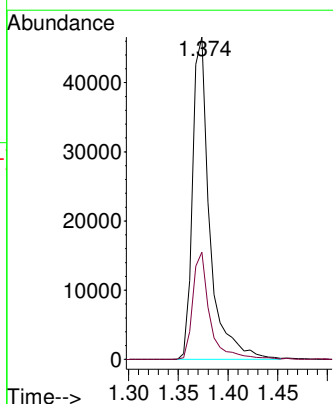
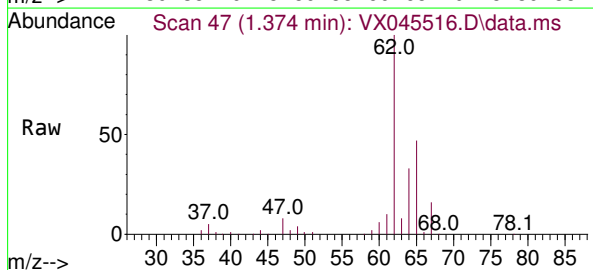




#5  
 Vinyl chloride  
 Concen: 46.143 ug/L  
 RT: 1.374 min Scan# 4  
 Delta R.T. 0.000 min  
 Lab File: VX045516.D  
 Acq: 31 Mar 2025 12:58

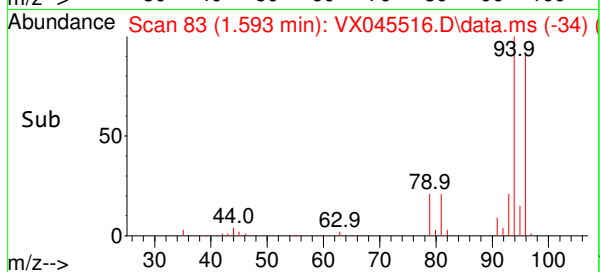
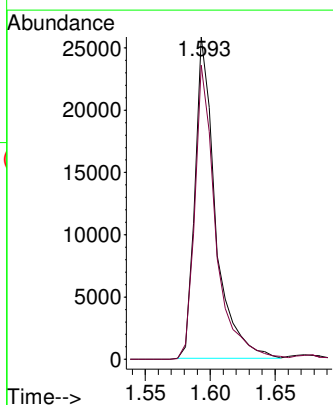
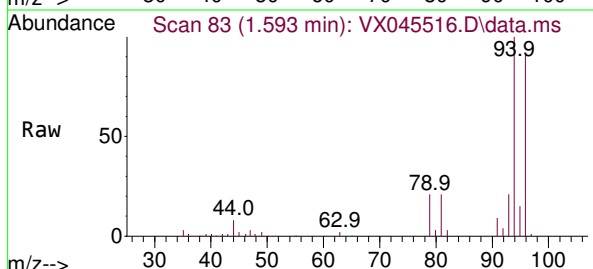
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050ECEC

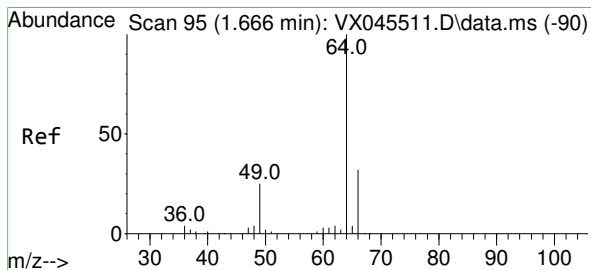
Tgt Ion: 62 Resp: 55862  
 Ion Ratio Lower Upper  
 62 100  
 64 33.2 23.7 44.1



#6  
 Bromomethane  
 Concen: 52.635 ug/L  
 RT: 1.593 min Scan# 83  
 Delta R.T. 0.000 min  
 Lab File: VX045516.D  
 Acq: 31 Mar 2025 12:58

Tgt Ion: 94 Resp: 28491  
 Ion Ratio Lower Upper  
 94 100  
 96 91.2 64.3 119.3

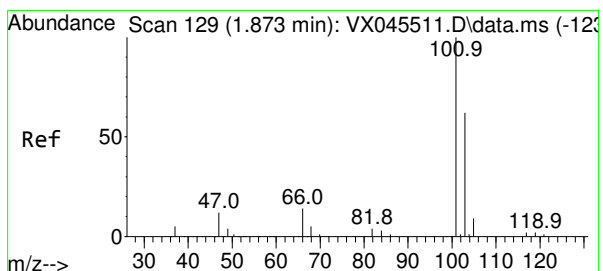
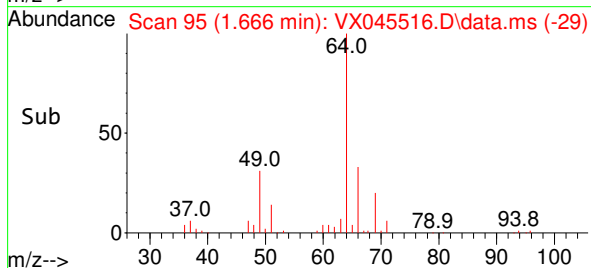
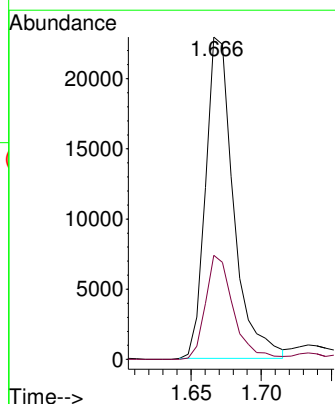
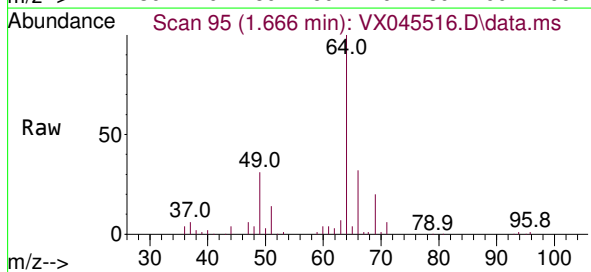




#8  
Chloroethane  
Concen: 52.470 ug/L  
RT: 1.666 min Scan# 95  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

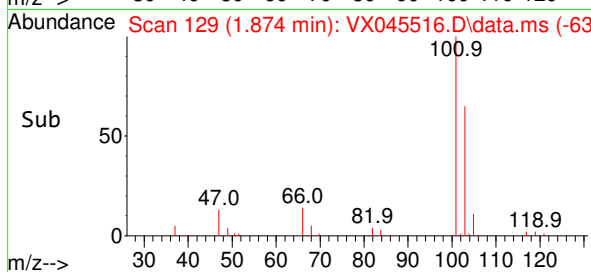
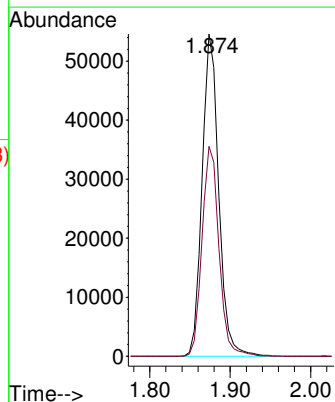
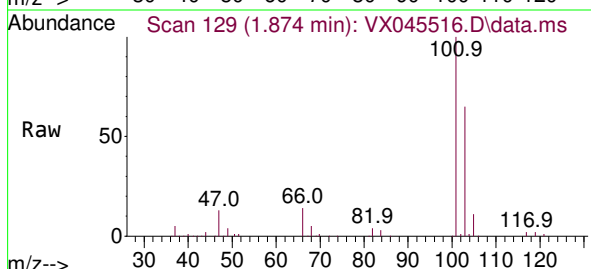
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050ECEC

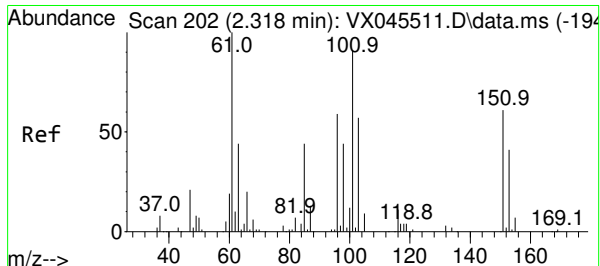
Tgt Ion: 64 Resp: 31751  
Ion Ratio Lower Upper  
64 100  
66 32.3 21.4 39.8



#9  
Trichlorofluoromethane  
Concen: 47.132 ug/L  
RT: 1.874 min Scan# 129  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

Tgt Ion:101 Resp: 78373  
Ion Ratio Lower Upper  
101 100  
103 66.3 52.2 78.2

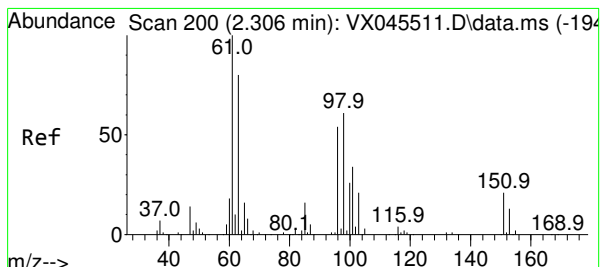
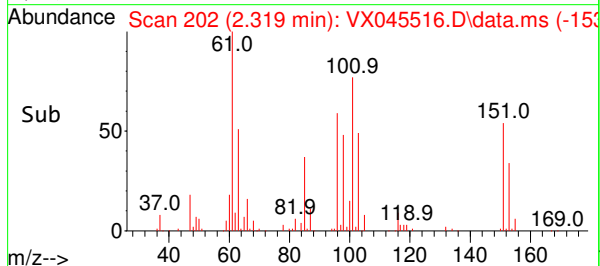
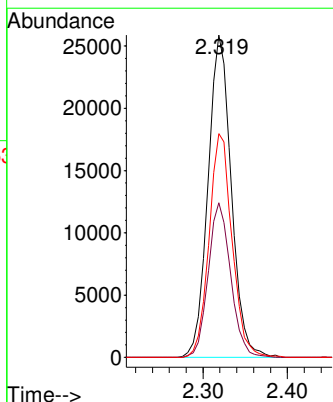
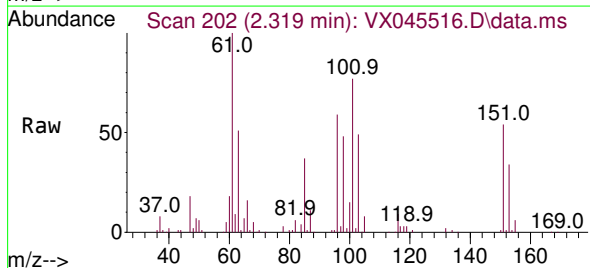




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 46.967 ug/L  
 RT: 2.319 min Scan# 202  
 Delta R.T. 0.000 min  
 Lab File: VX045516.D  
 Acq: 31 Mar 2025 12:58

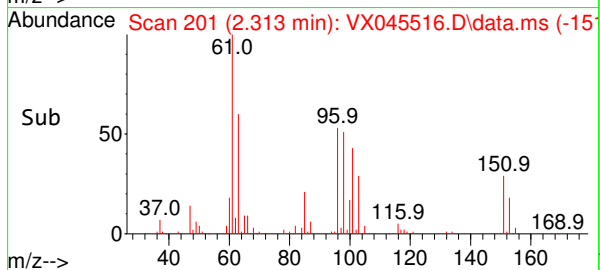
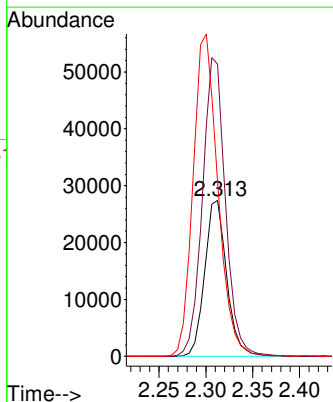
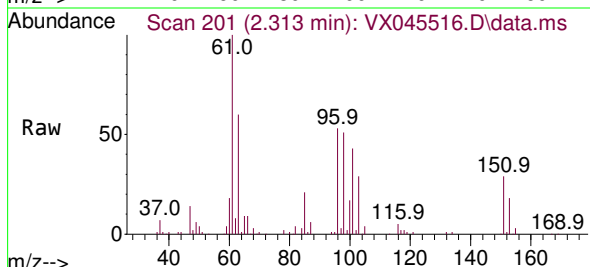
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050ECEC

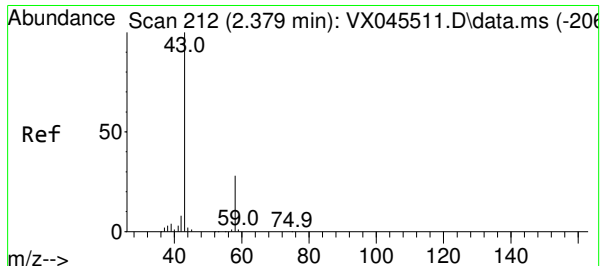
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 Ion Ratio Lower Upper  
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 85 46.3 35.4 53.0  
 151 68.6 57.0 85.4



#12  
 1,1-Dichloroethene  
 Concen: 47.310 ug/L  
 RT: 2.313 min Scan# 201  
 Delta R.T. 0.006 min  
 Lab File: VX045516.D  
 Acq: 31 Mar 2025 12:58

Tgt Ion: 96 Resp: 44744  
 Ion Ratio Lower Upper  
 96 100  
 61 187.4 115.1 213.8  
 63 112.3 74.1 137.5

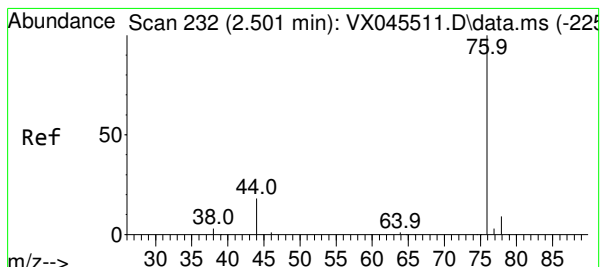
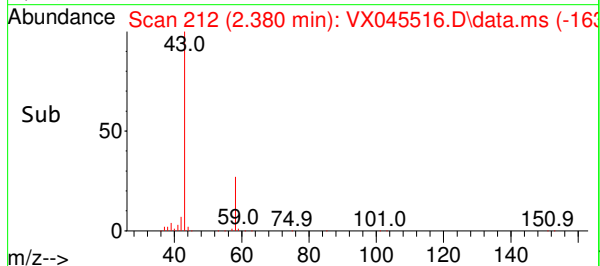
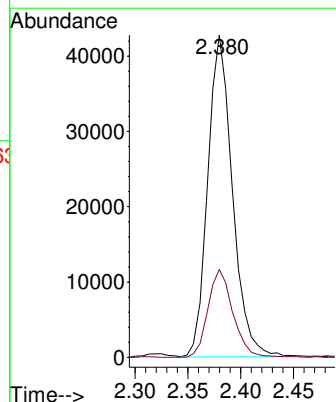
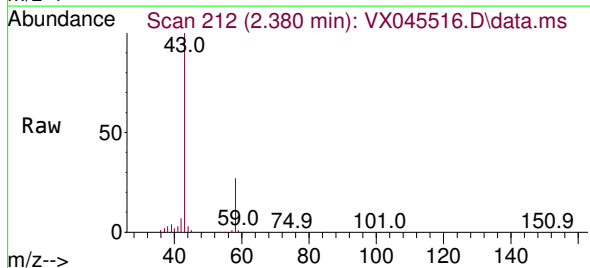




#13  
Acetone  
Concen: 107.062 ug/L  
RT: 2.380 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

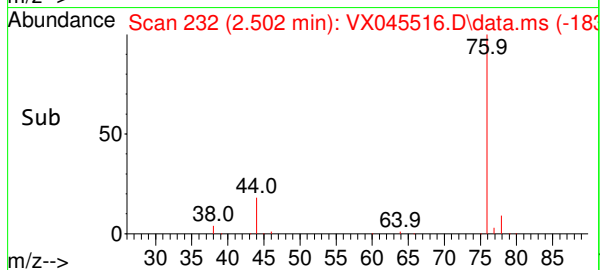
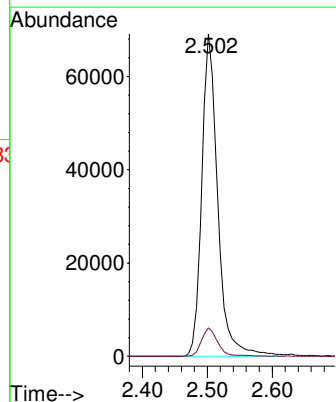
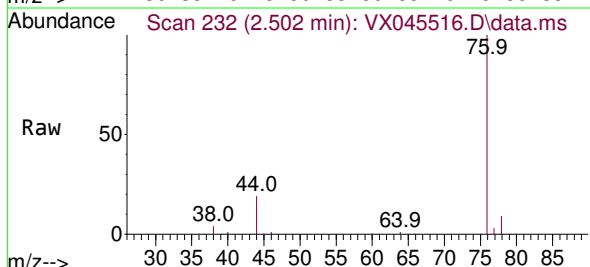
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050ECEC

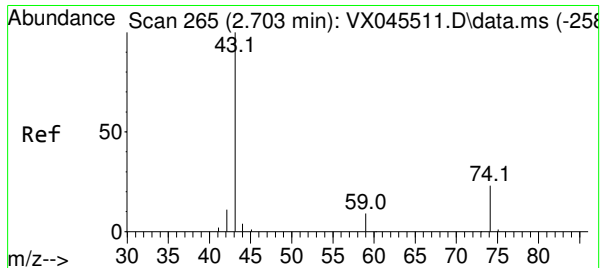
Tgt Ion: 43 Resp: 69613  
Ion Ratio Lower Upper  
43 100  
58 27.7 0.0 64.6



#14  
Carbon disulfide  
Concen: 48.326 ug/L  
RT: 2.502 min Scan# 232  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

Tgt Ion: 76 Resp: 117767  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.2 10.8

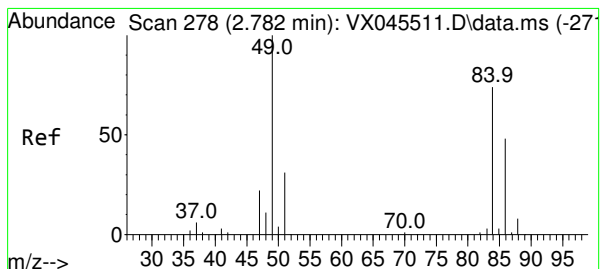
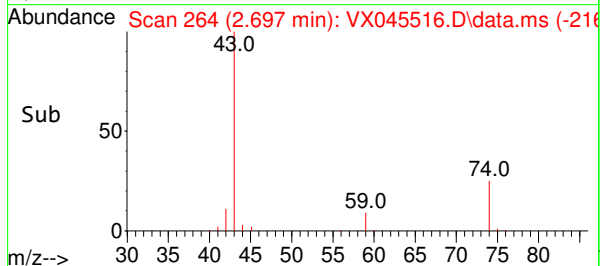
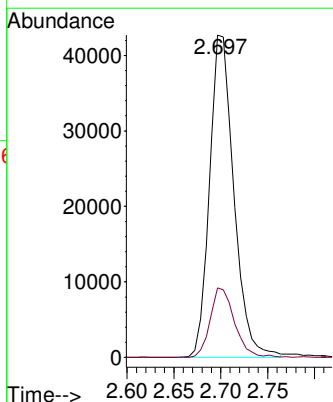
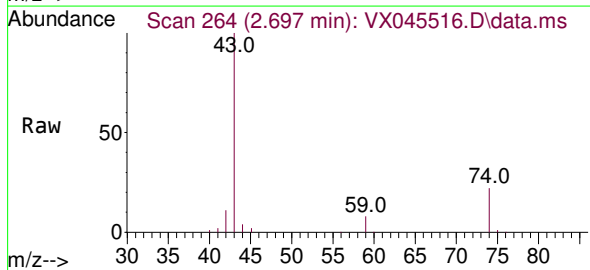




#15  
Methyl Acetate  
Concen: 59.587 ug/L  
RT: 2.697 min Scan# 216  
Delta R.T. -0.006 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

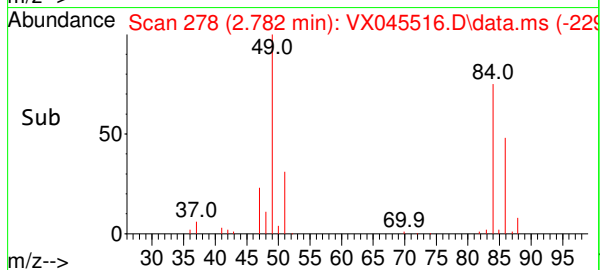
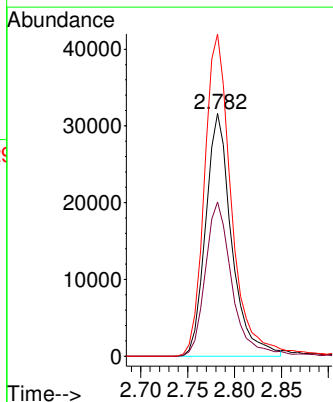
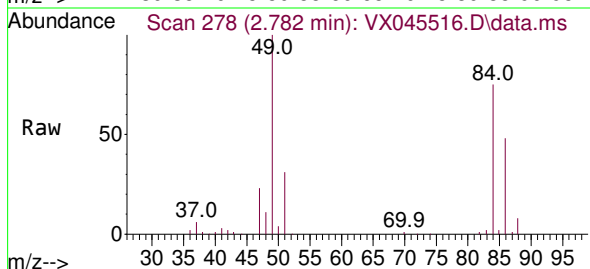
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050ECEC

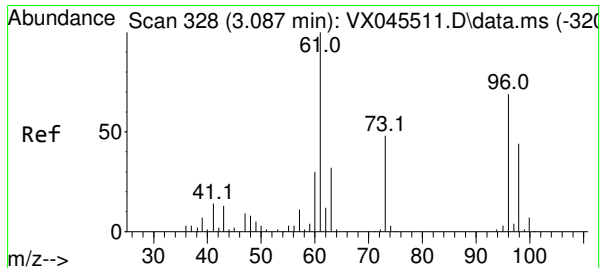
Tgt Ion: 43 Resp: 76938  
Ion Ratio Lower Upper  
43 100  
74 21.3 19.7 29.5



#16  
Methylene chloride  
Concen: 55.675 ug/L  
RT: 2.782 min Scan# 278  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

Tgt Ion: 84 Resp: 61006  
Ion Ratio Lower Upper  
84 100  
86 63.5 45.6 84.8  
49 132.6 84.6 157.0

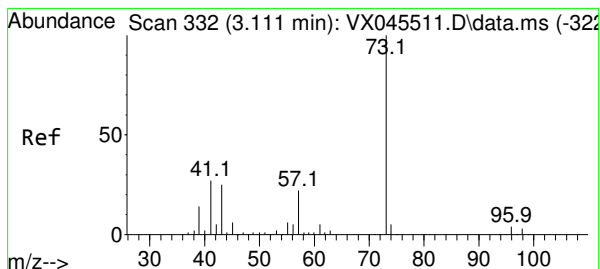
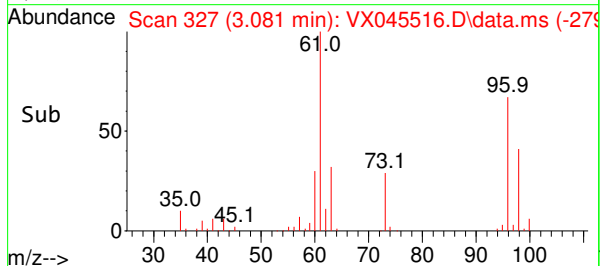
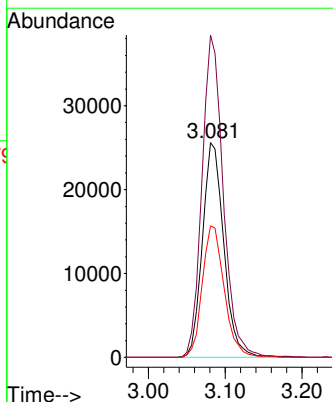
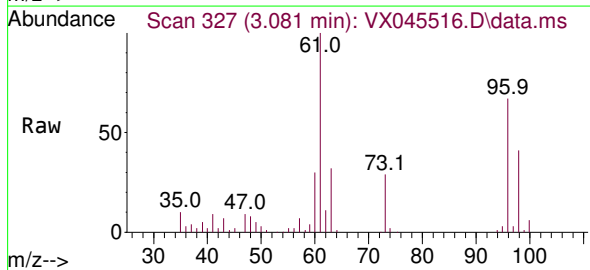




#17  
trans-1,2-Dichloroethene  
Concen: 52.440 ug/L  
RT: 3.081 min Scan# 317  
Delta R.T. -0.006 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

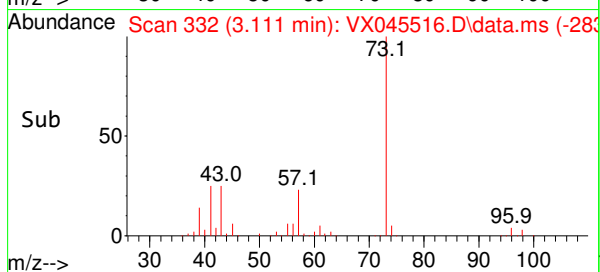
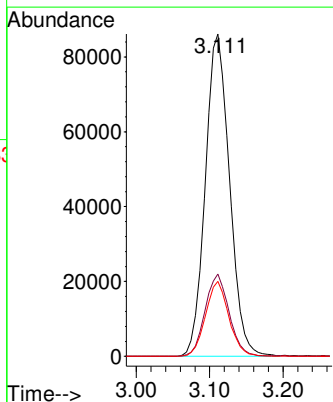
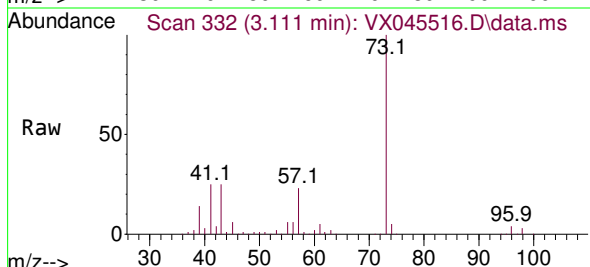
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050ECEC

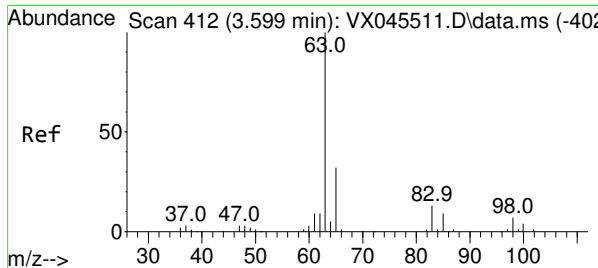
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 49586 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 150.1 | 98.3  | 182.7 |
| 98       | 61.2  | 44.1  | 81.9  |



#18  
Methyl tert-butyl Ether  
Concen: 60.079 ug/L  
RT: 3.111 min Scan# 332  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 73    | Resp: | 197186 |
| Ion      | Ratio | Lower | Upper  |
| 73       | 100   |       |        |
| 43       | 25.2  | 16.9  | 25.3   |
| 57       | 22.4  | 17.4  | 26.0   |

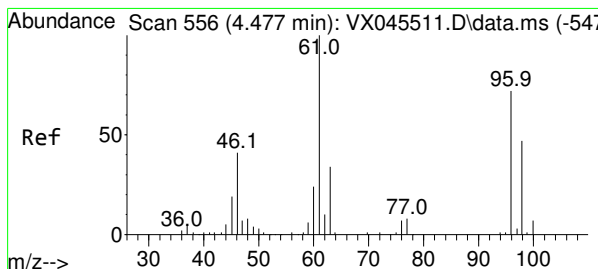
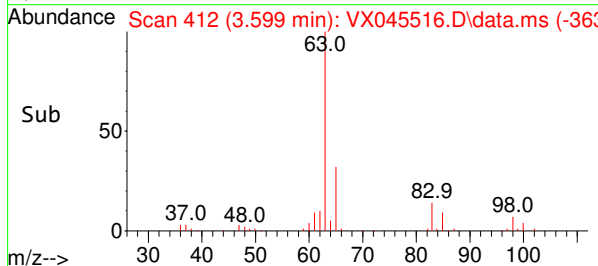
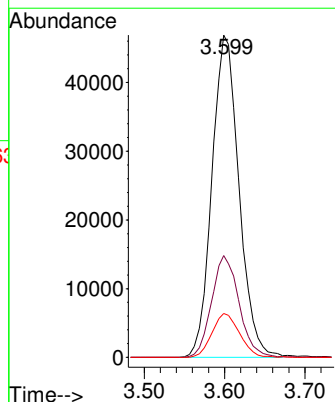
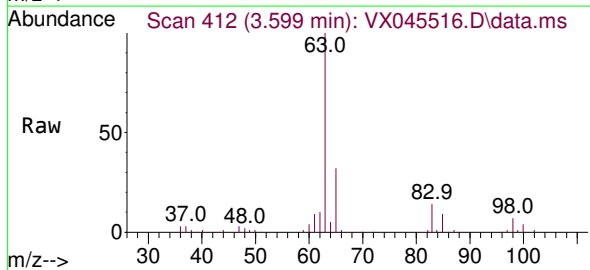




#19  
1,1-Dichloroethane  
Concen: 55.505 ug/L  
RT: 3.599 min Scan# 412  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

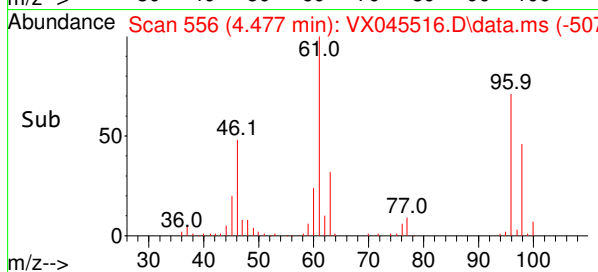
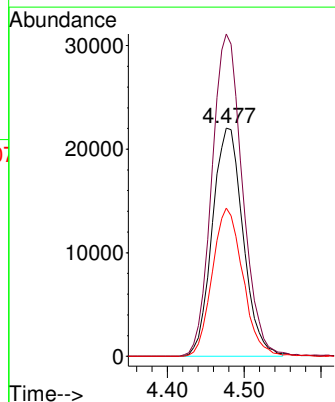
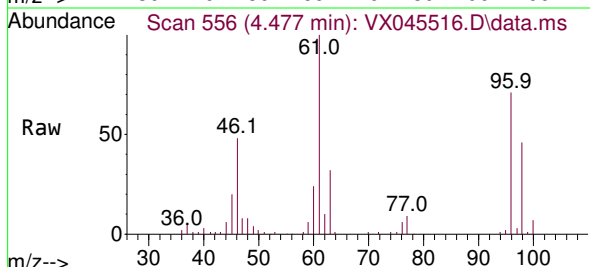
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050ECEC

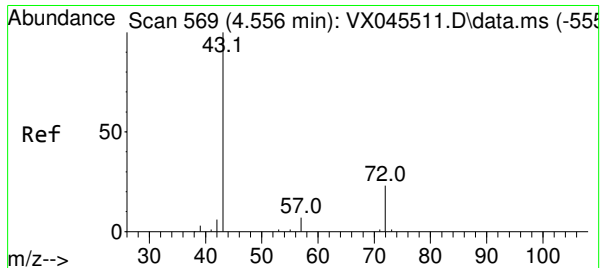
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 63    | Resp: | 109518 |
| Ion      | Ratio | Lower | Upper  |
| 63       | 100   |       |        |
| 65       | 31.6  | 21.8  | 40.6   |
| 83       | 13.6  | 9.4   | 17.4   |



#20  
cis-1,2-Dichloroethene  
Concen: 56.402 ug/L  
RT: 4.477 min Scan# 556  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 61418 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 141.2 | 88.3  | 163.9 |
| 98       | 64.9  | 44.6  | 82.8  |

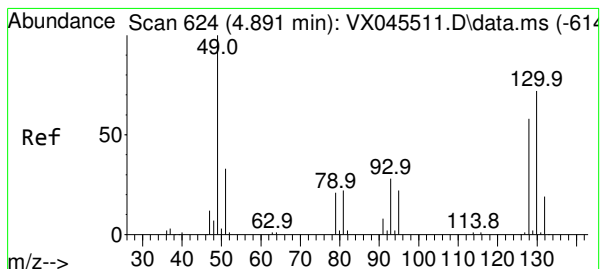
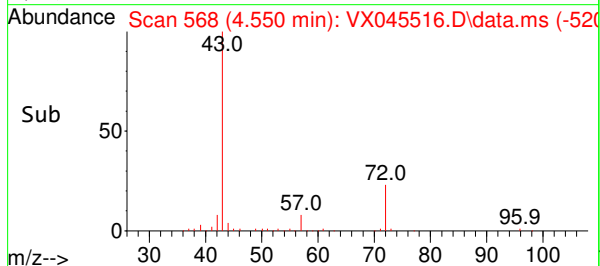
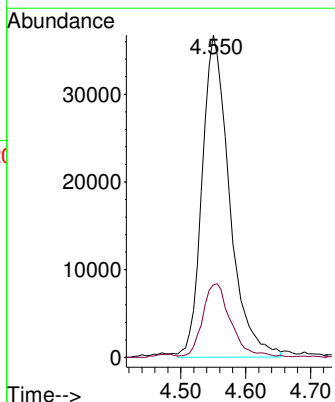
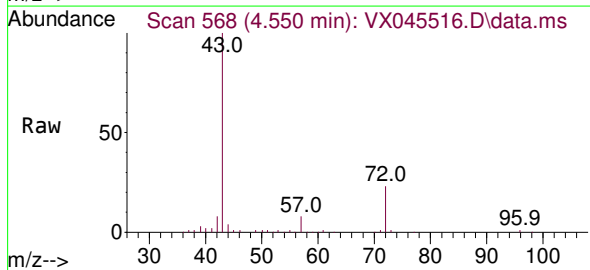




#22  
2-Butanone  
Concen: 114.010 ug/L  
RT: 4.550 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

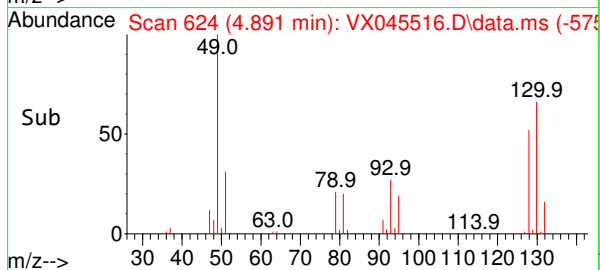
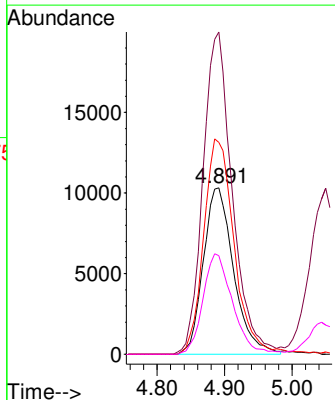
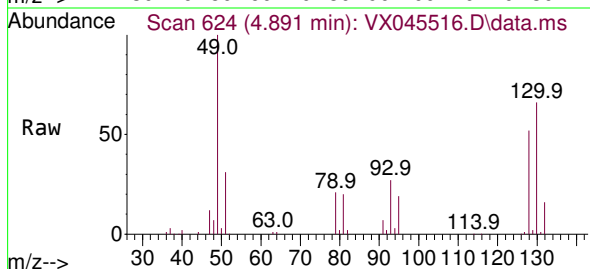
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050ECEC

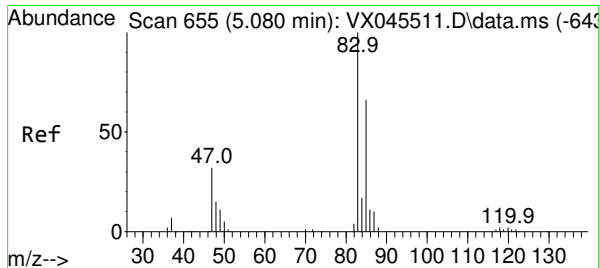
Tgt Ion: 43 Resp: 107568  
Ion Ratio Lower Upper  
43 100  
72 22.0 13.4 40.2



#23  
Bromochloromethane  
Concen: 59.778 ug/L  
RT: 4.891 min Scan# 624  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

Tgt Ion: 128 Resp: 32210  
Ion Ratio Lower Upper  
128 100  
49 193.8 117.6 218.4  
130 127.5 92.0 170.9  
51 59.3 44.2 66.4

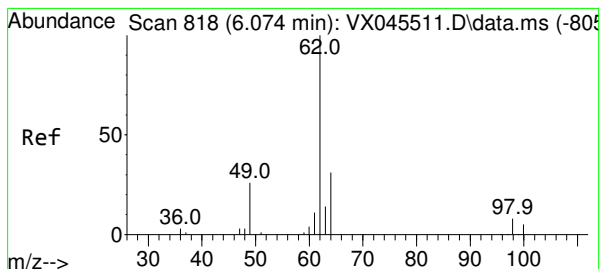
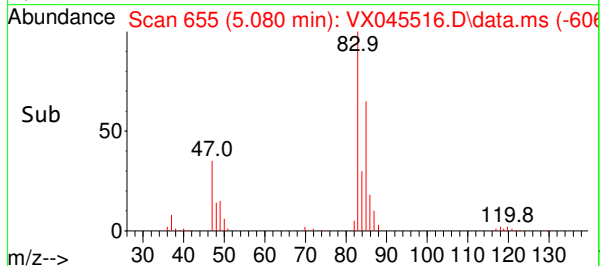
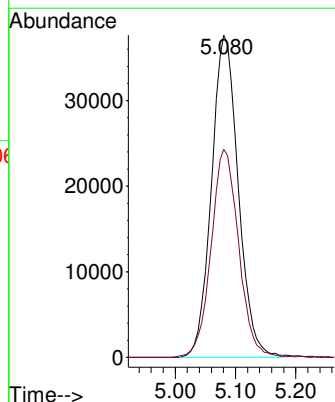
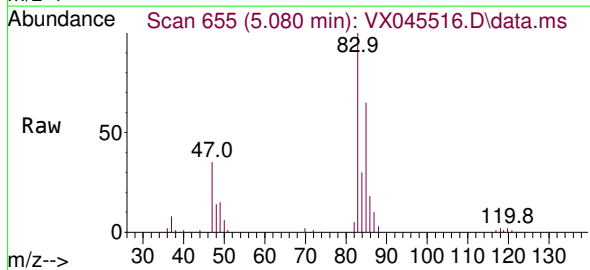




#25  
Chloroform  
Concen: 56.241 ug/L  
RT: 5.080 min Scan# 611  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

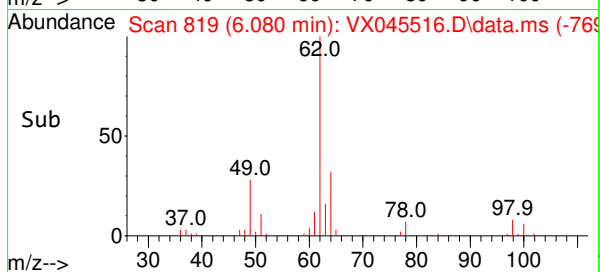
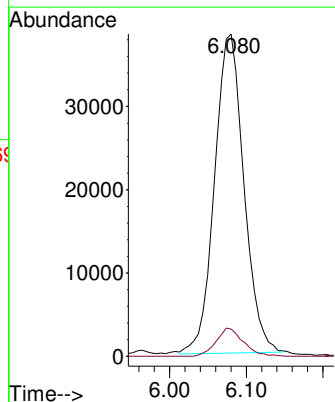
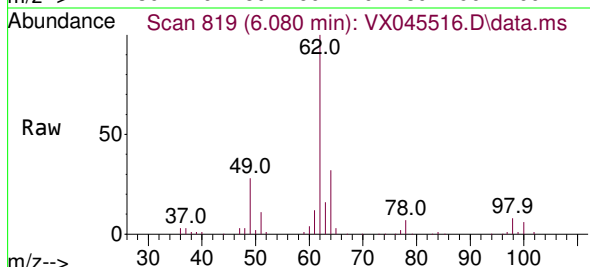
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050ECEC

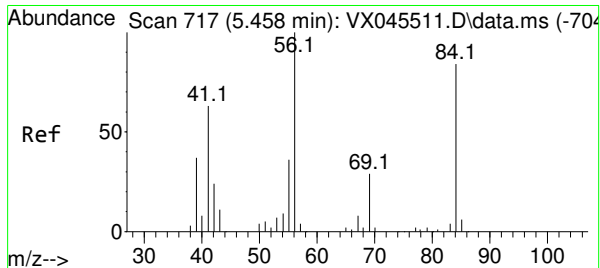
Tgt Ion: 83 Resp: 116337  
Ion Ratio Lower Upper  
83 100  
85 64.5 45.4 84.2



#27  
1,2-Dichloroethane  
Concen: 57.370 ug/L  
RT: 6.080 min Scan# 819  
Delta R.T. 0.006 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

Tgt Ion: 62 Resp: 101933  
Ion Ratio Lower Upper  
62 100  
98 8.4 7.4 11.2

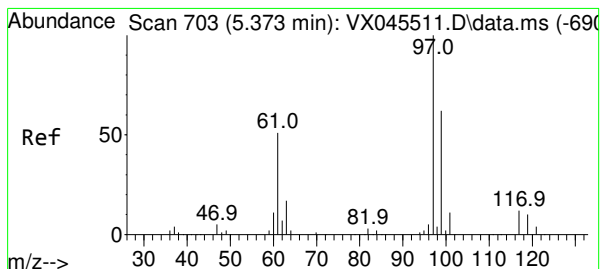
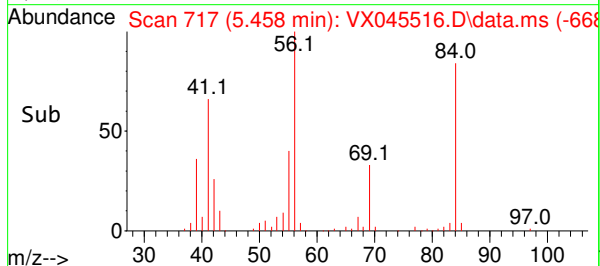
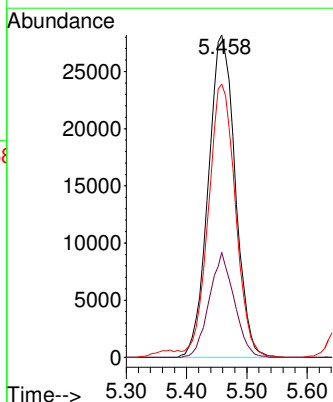
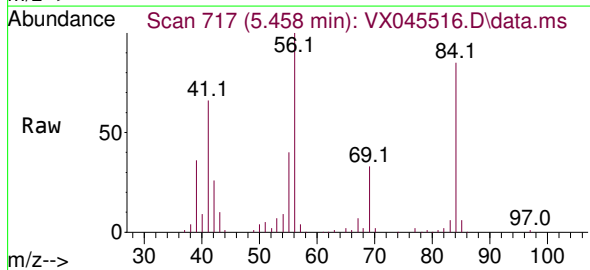




#29  
Cyclohexane  
Concen: 45.448 ug/L  
RT: 5.458 min Scan# 717  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

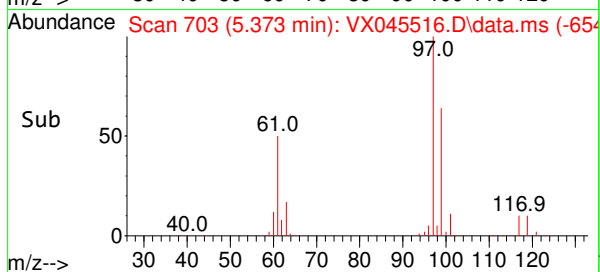
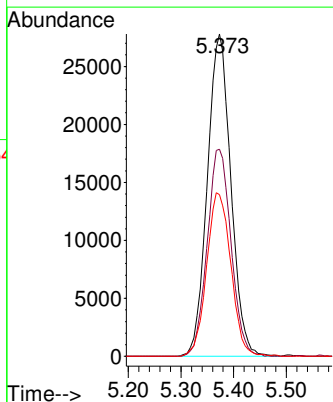
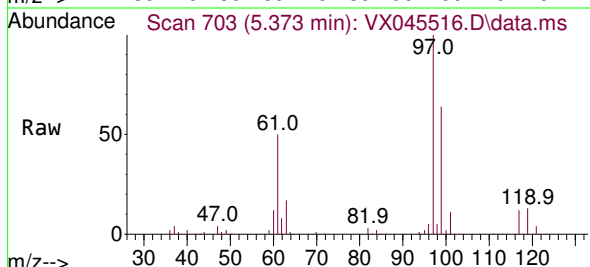
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050ECEC

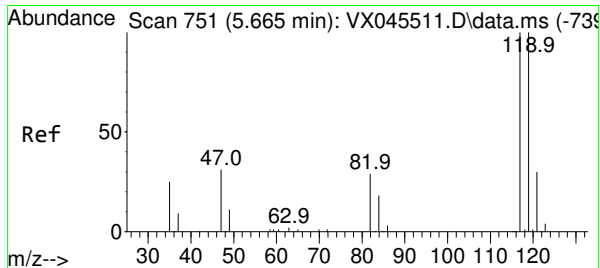
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 87524 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 30.1  | 25.4  | 38.2  |
| 84       | 85.2  | 71.6  | 107.4 |



#30  
1,1,1-Trichloroethane  
Concen: 49.704 ug/L  
RT: 5.373 min Scan# 703  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 86591 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 65.0  | 51.0  | 76.4  |
| 61       | 52.0  | 35.8  | 53.6  |

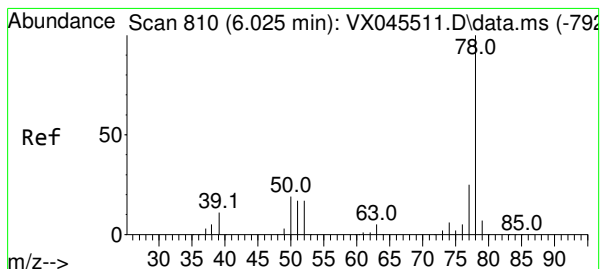
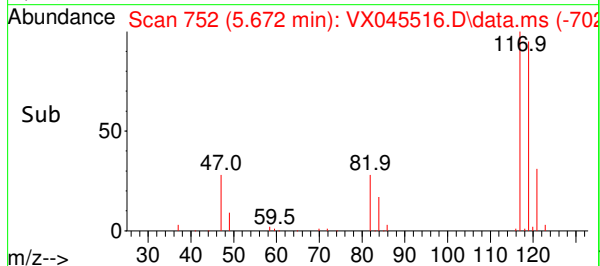
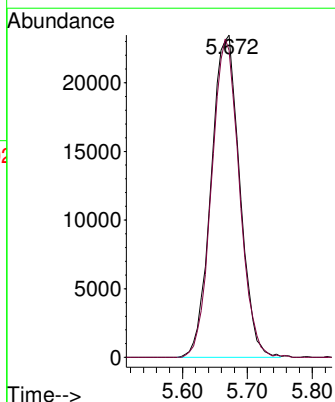
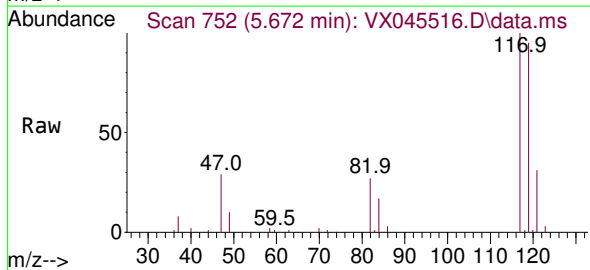




#31  
Carbon tetrachloride  
Concen: 47.489 ug/L  
RT: 5.672 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

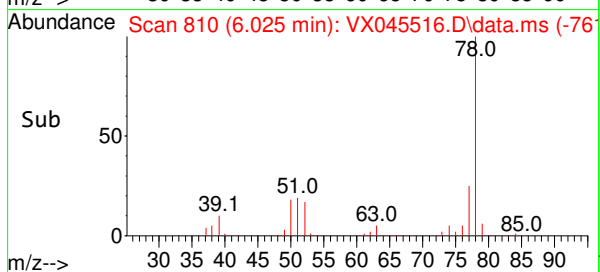
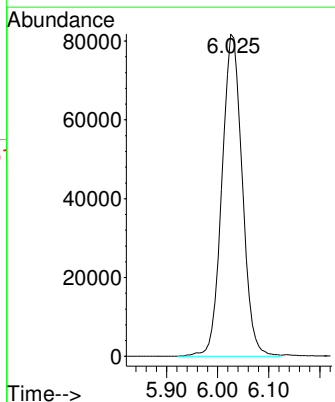
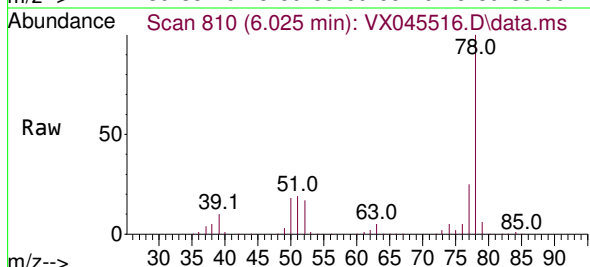
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050ECEC

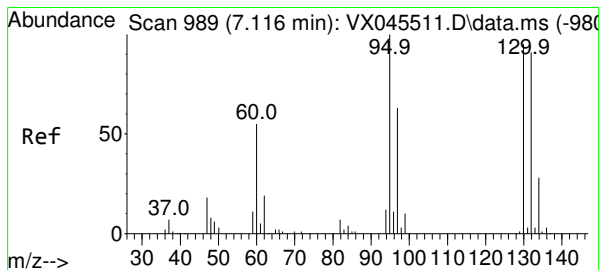
Tgt Ion:117 Resp: 71750  
Ion Ratio Lower Upper  
117 100  
119 95.7 77.1 115.7



#33  
Benzene  
Concen: 54.173 ug/L  
RT: 6.025 min Scan# 810  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

Tgt Ion: 78 Resp: 225844

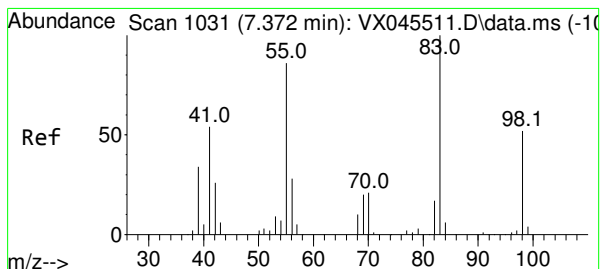
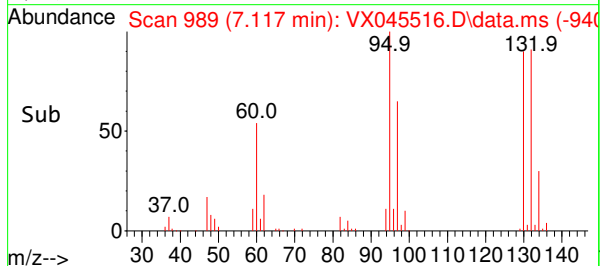
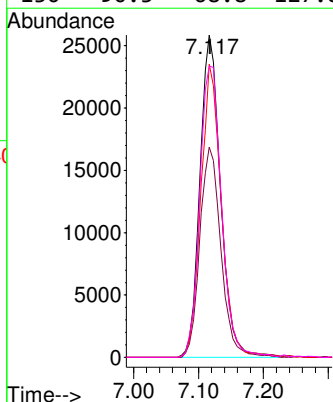
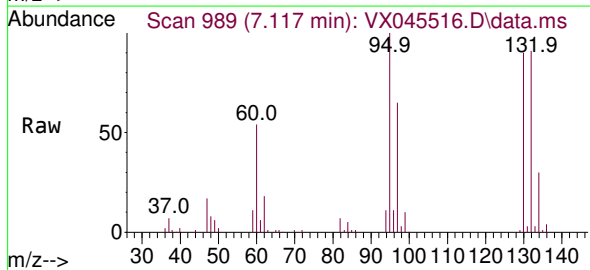




#34  
Trichloroethene  
Concen: 51.487 ug/L  
RT: 7.117 min Scan# 989  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

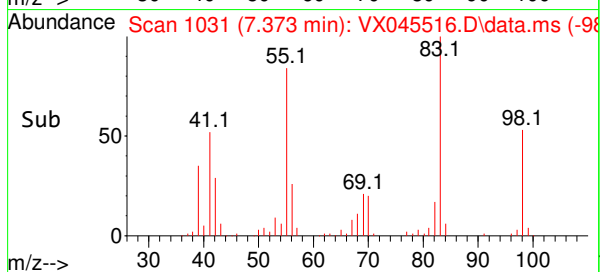
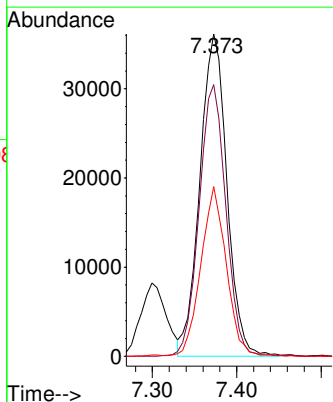
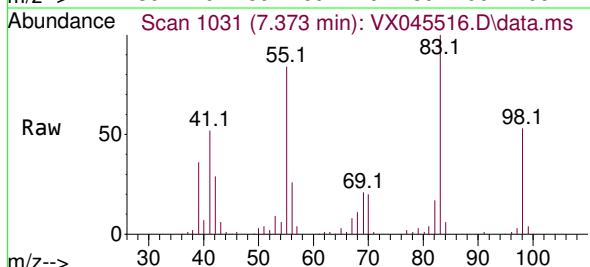
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050ECEC

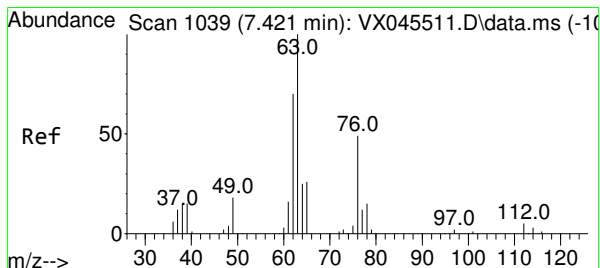
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 57100 |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 97       | 65.2  | 46.1  | 85.5  |
| 132      | 90.9  | 64.5  | 119.9 |
| 130      | 90.3  | 68.8  | 127.8 |



#35  
Methylcyclohexane  
Concen: 45.609 ug/L  
RT: 7.373 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 80709 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 83.1  | 60.6  | 90.8  |
| 98       | 49.7  | 38.9  | 58.3  |

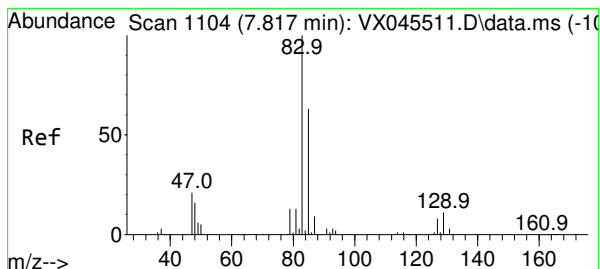
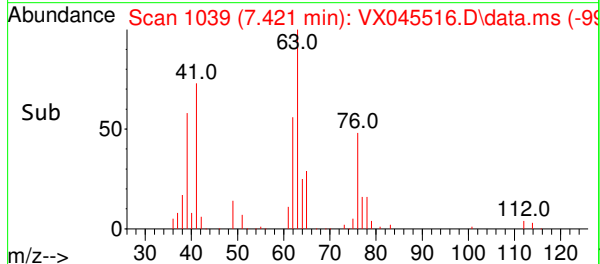
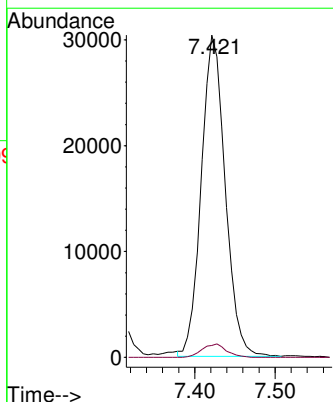
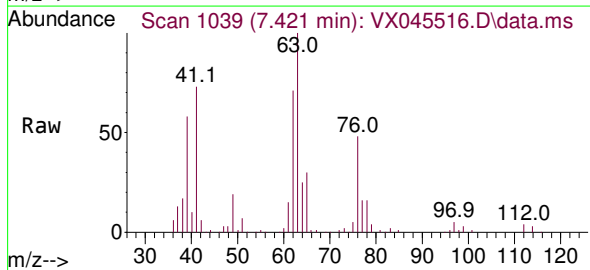




#37  
1,2-Dichloropropane  
Concen: 55.584 ug/L  
RT: 7.421 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

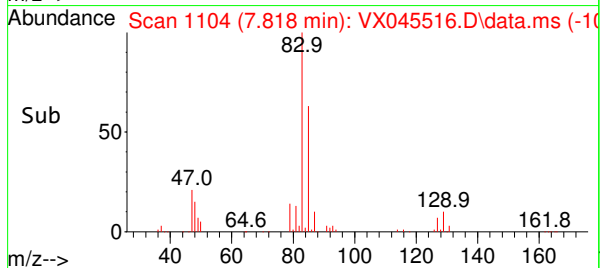
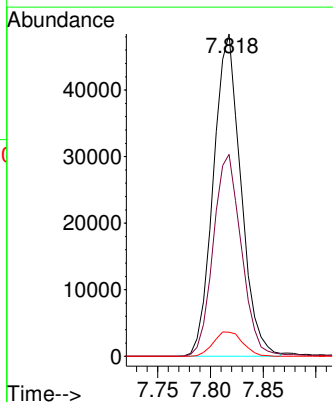
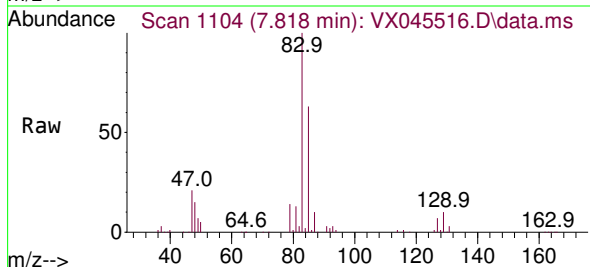
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MSVOA\_X  
ClientSampleId :  
VSTDCCC050ECEC

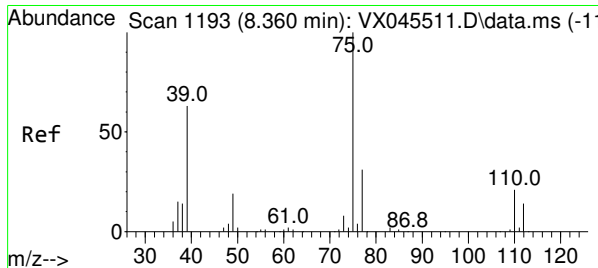
Tgt Ion: 63 Resp: 62824  
Ion Ratio Lower Upper  
63 100  
112 4.3 3.5 5.3



#38  
Bromodichloromethane  
Concen: 56.848 ug/L  
RT: 7.818 min Scan# 1104  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

Tgt Ion: 83 Resp: 88252  
Ion Ratio Lower Upper  
83 100  
85 62.7 43.8 81.3  
127 7.5 6.5 9.7

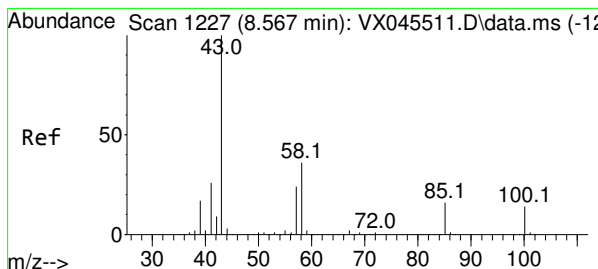
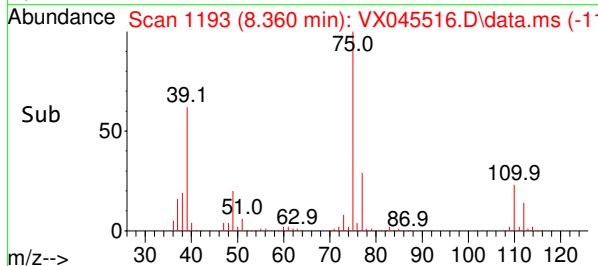
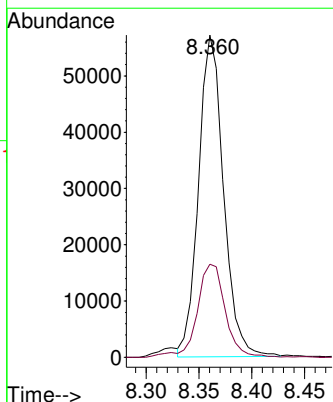
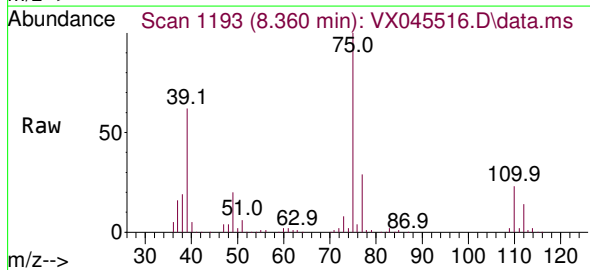




#39  
 cis-1,3-Dichloropropene  
 Concen: 56.996 ug/L  
 RT: 8.360 min Scan# 1  
 Delta R.T. 0.000 min  
 Lab File: VX045516.D  
 Acq: 31 Mar 2025 12:58

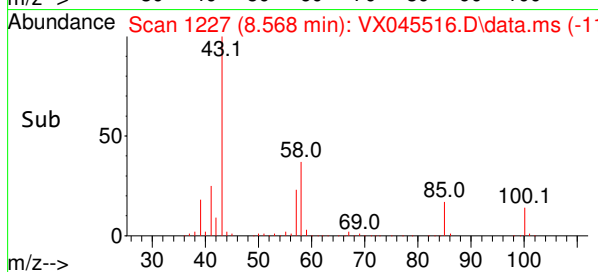
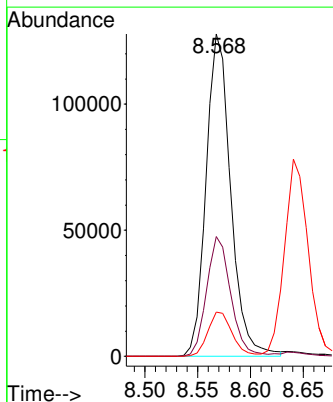
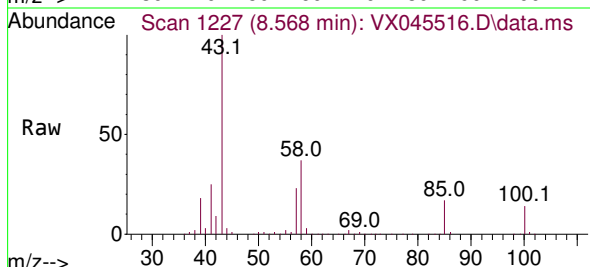
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050ECEC

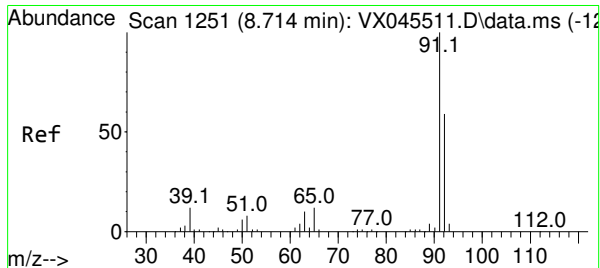
Tgt Ion: 75 Resp: 94346  
 Ion Ratio Lower Upper  
 75 100  
 77 28.9 21.7 40.3



#40  
 4-Methyl-2-pentanone  
 Concen: 120.369 ug/L  
 RT: 8.568 min Scan# 1227  
 Delta R.T. 0.000 min  
 Lab File: VX045516.D  
 Acq: 31 Mar 2025 12:58

Tgt Ion: 43 Resp: 208303  
 Ion Ratio Lower Upper  
 43 100  
 58 36.4 32.1 48.1  
 100 13.5 12.9 19.3

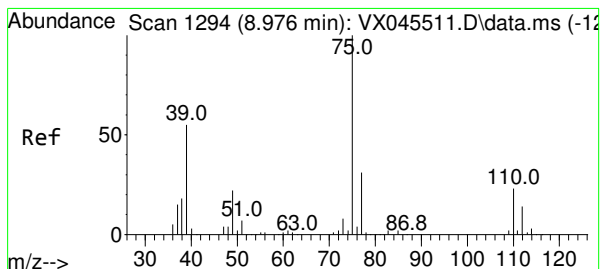
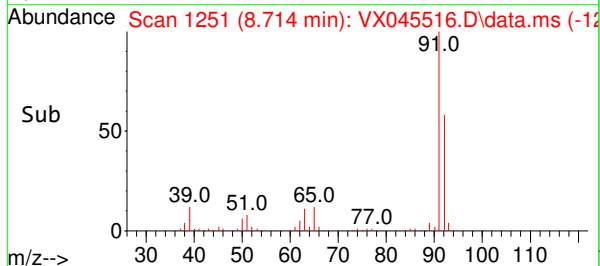
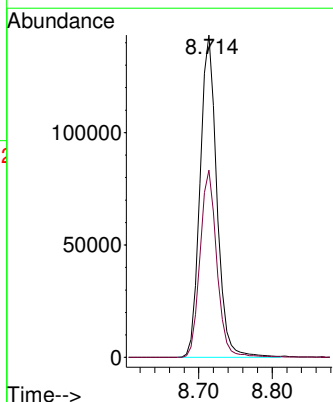
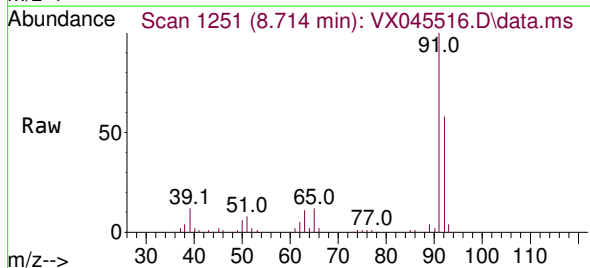




#42  
Toluene  
Concen: 53.285 ug/L  
RT: 8.714 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

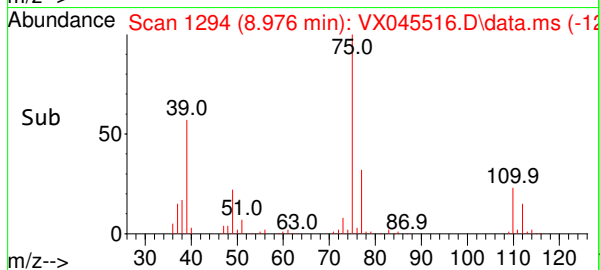
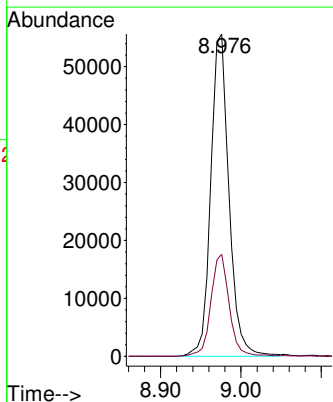
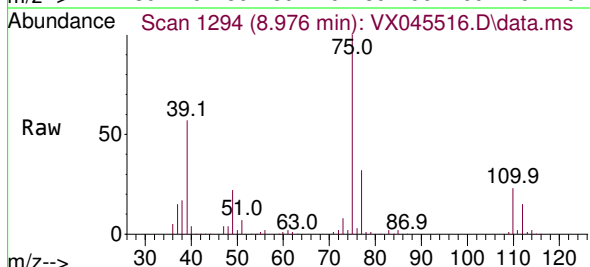
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050ECEC

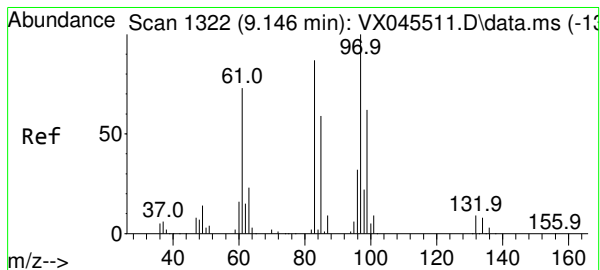
Tgt Ion: 91 Resp: 227926  
Ion Ratio Lower Upper  
91 100  
92 58.1 40.7 75.5



#44  
trans-1,3-Dichloropropene  
Concen: 56.858 ug/L  
RT: 8.976 min Scan# 1294  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

Tgt Ion: 75 Resp: 87685  
Ion Ratio Lower Upper  
75 100  
77 31.7 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 58.122 ug/L

RT: 9.147 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045516.D

Acq: 31 Mar 2025 12:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050ECEC

Tgt Ion: 97 Resp: 63103

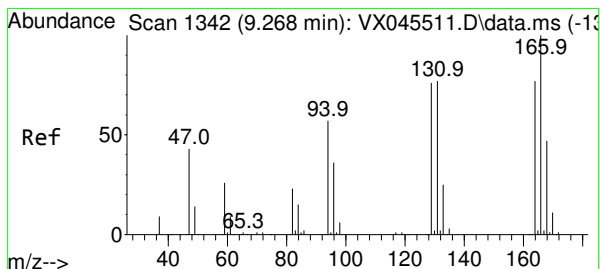
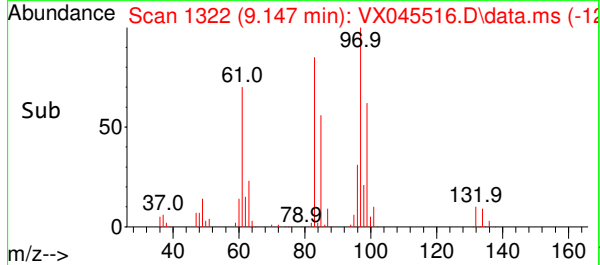
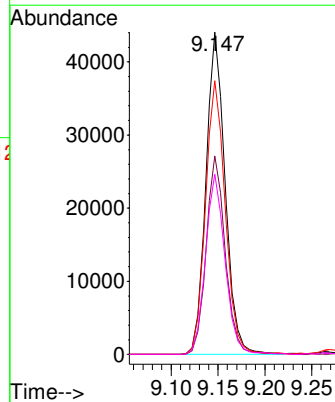
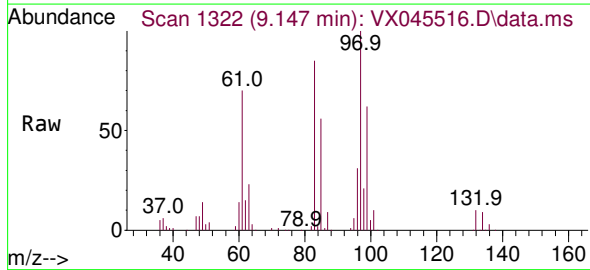
Ion Ratio Lower Upper

97 100

99 61.6 44.8 83.2

83 84.9 60.8 113.0

85 55.9 39.3 72.9



#46

Tetrachloroethene

Concen: 48.914 ug/L

RT: 9.269 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VX045516.D

Acq: 31 Mar 2025 12:58

Tgt Ion:164 Resp: 37159

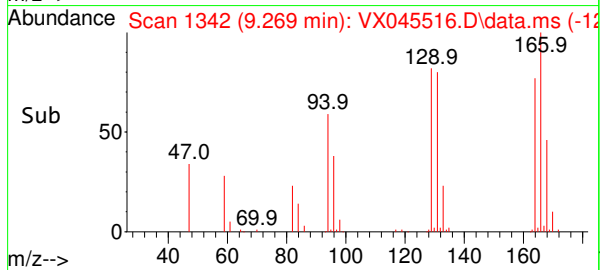
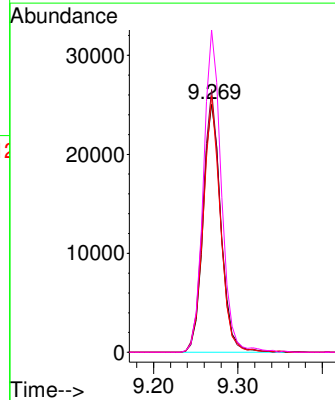
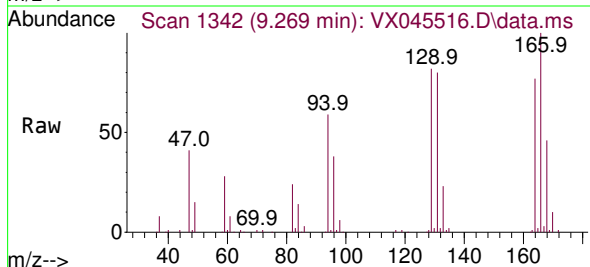
Ion Ratio Lower Upper

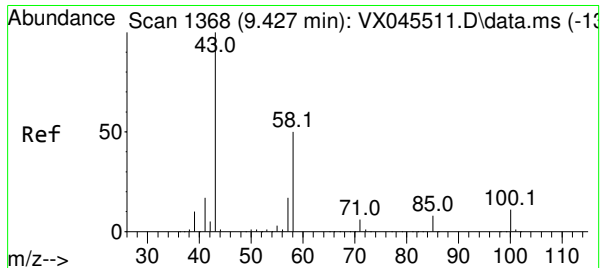
164 100

129 105.9 71.2 132.2

131 103.5 67.2 124.8

166 129.9 90.0 167.2

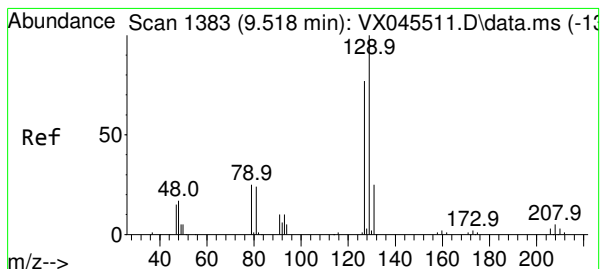
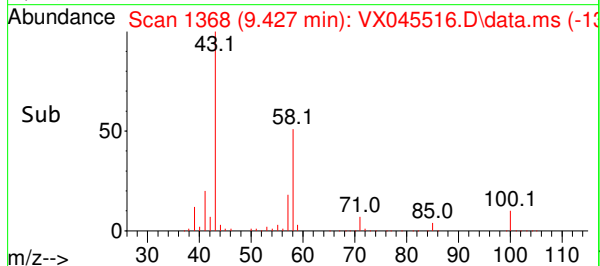
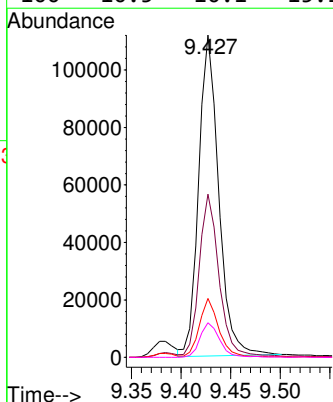
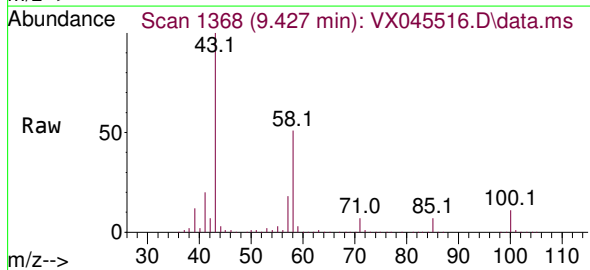




#48  
2-Hexanone  
Concen: 119.939 ug/L  
RT: 9.427 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

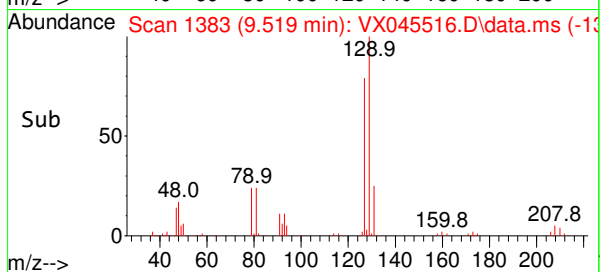
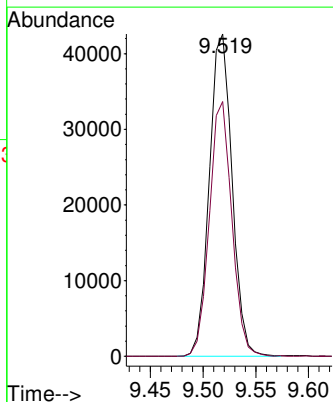
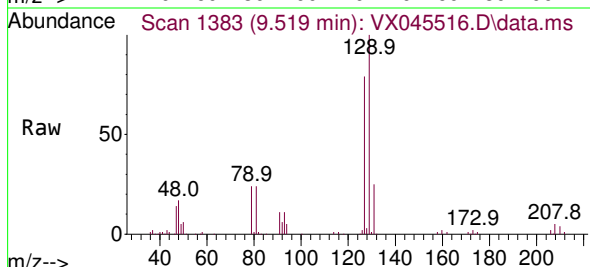
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050ECEC

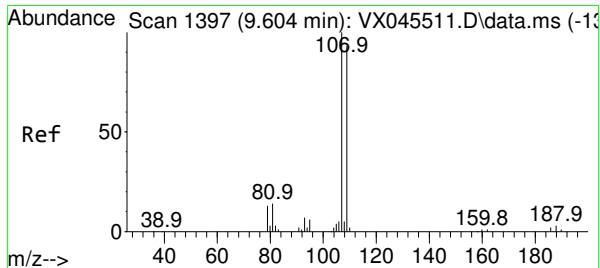
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 156463 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 51.0  | 44.3  | 66.5   |
| 57       | 17.8  | 15.9  | 23.9   |
| 100      | 10.5  | 10.1  | 15.1   |



#49  
Dibromochloromethane  
Concen: 59.198 ug/L  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 129   | Resp: | 64121 |
| Ion      | Ratio | Lower | Upper |
| 129      | 100   |       |       |
| 127      | 79.0  | 53.6  | 99.6  |

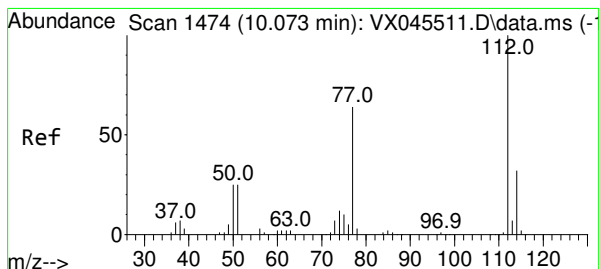
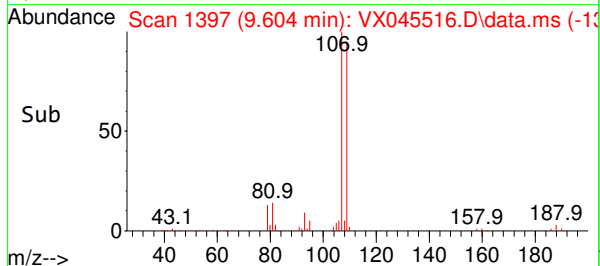
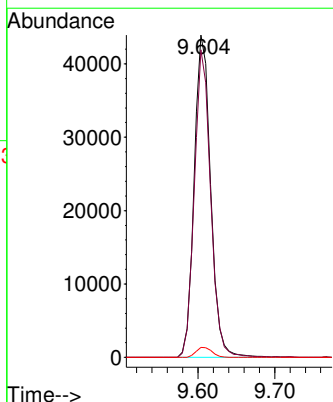
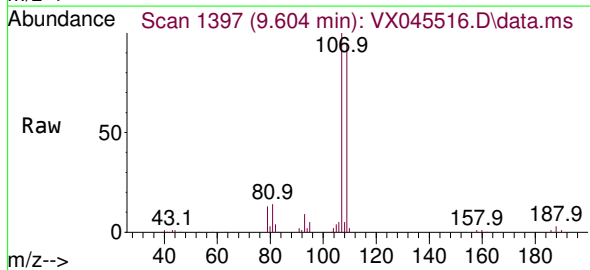




#50  
1,2-Dibromoethane  
Concen: 58.048 ug/L  
RT: 9.604 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

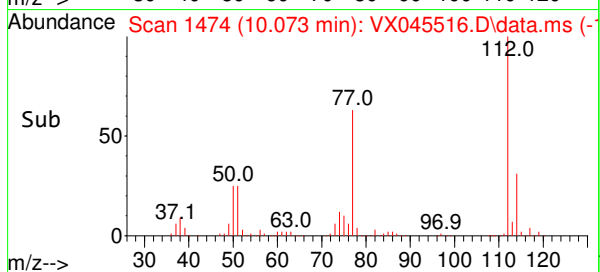
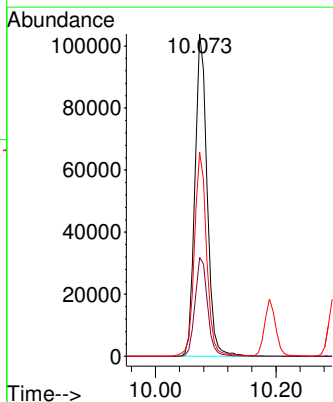
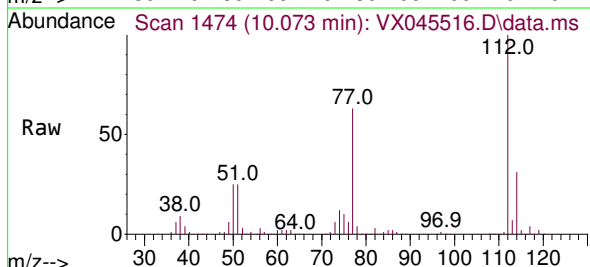
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050ECEC

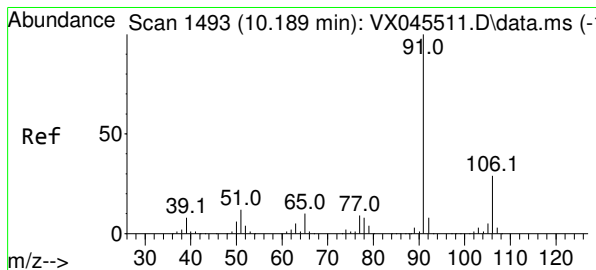
Tgt Ion:107 Resp: 65564  
Ion Ratio Lower Upper  
107 100  
109 95.3 67.2 124.8  
188 3.1 2.2 3.4



#51  
Chlorobenzene  
Concen: 54.130 ug/L  
RT: 10.073 min Scan# 1474  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

Tgt Ion:112 Resp: 145265  
Ion Ratio Lower Upper  
112 100  
114 30.7 22.4 41.6  
77 63.4 49.2 73.8

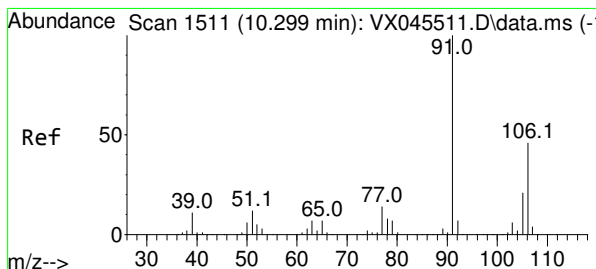
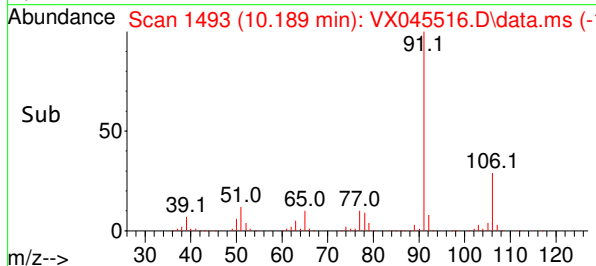
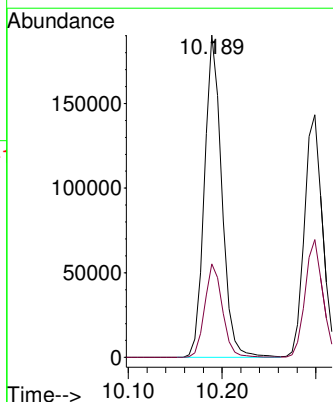
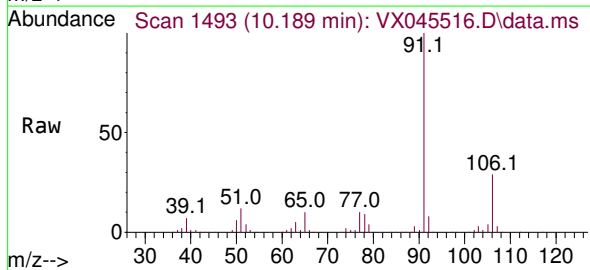




#52  
Ethylbenzene  
Concen: 51.167 ug/L  
RT: 10.189 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

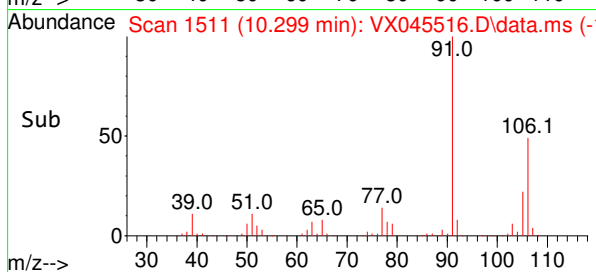
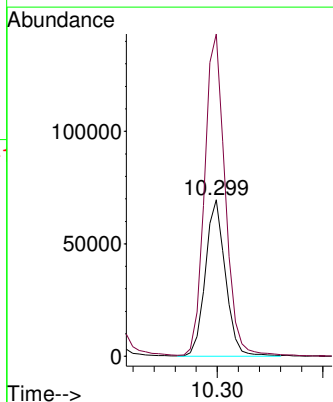
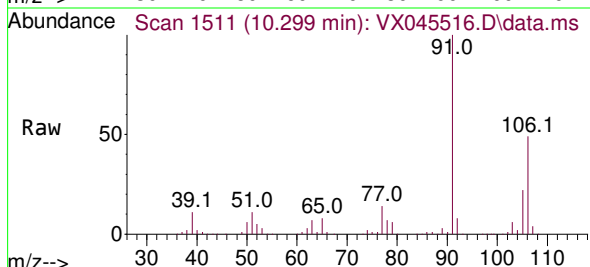
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050ECEC

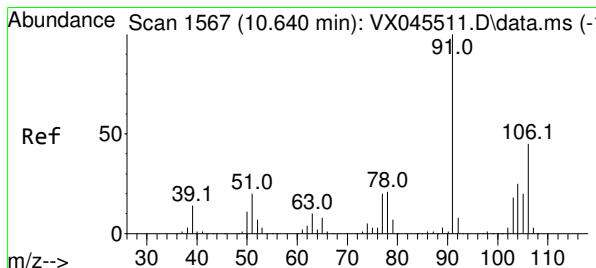
Tgt Ion: 91 Resp: 246356  
Ion Ratio Lower Upper  
91 100  
106 29.0 21.1 39.3



#53  
m,p-Xylene  
Concen: 52.898 ug/L  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

Tgt Ion: 106 Resp: 92328  
Ion Ratio Lower Upper  
106 100  
91 205.9 145.2 269.6

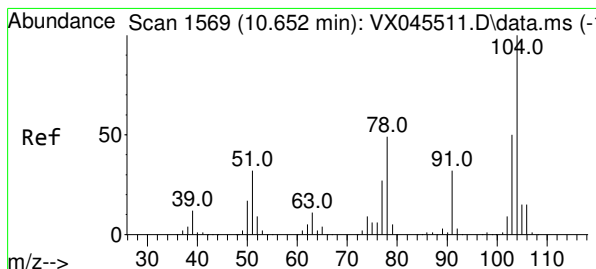
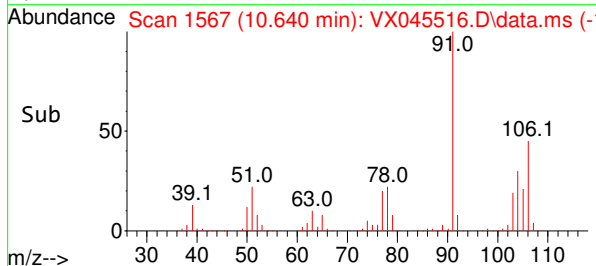
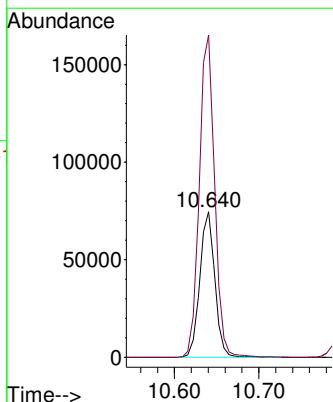
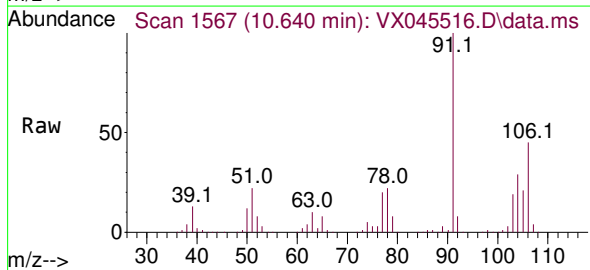




#54  
o-Xylene  
Concen: 54.015 ug/L  
RT: 10.640 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

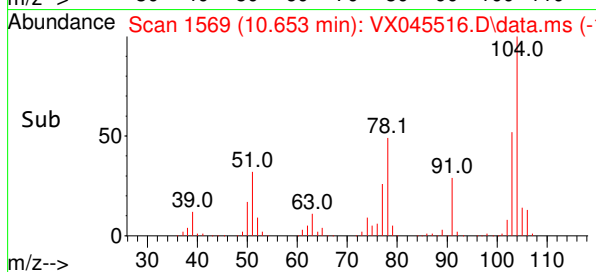
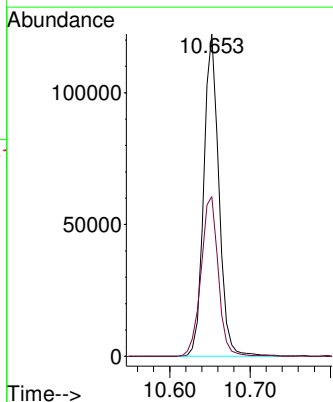
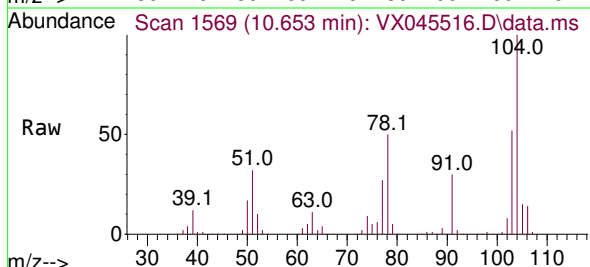
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050ECEC

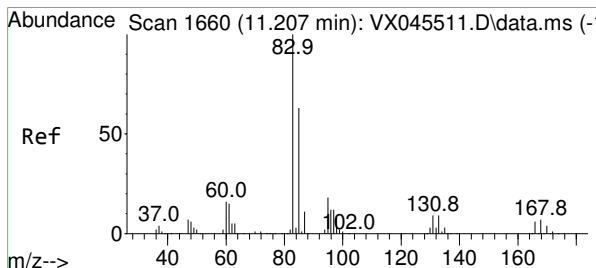
Tgt Ion:106 Resp: 92607  
Ion Ratio Lower Upper  
106 100  
91 221.5 153.2 284.4



#55  
Styrene  
Concen: 55.930 ug/L  
RT: 10.653 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

Tgt Ion:104 Resp: 160476  
Ion Ratio Lower Upper  
104 100  
78 49.5 32.7 60.7

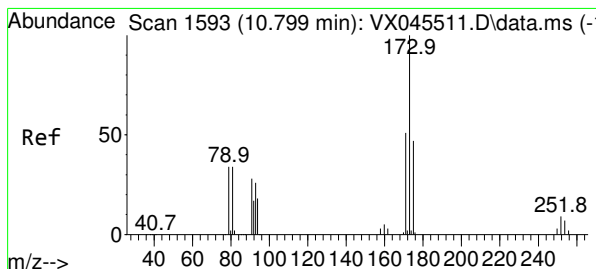
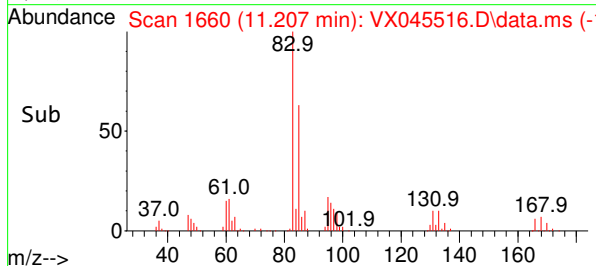
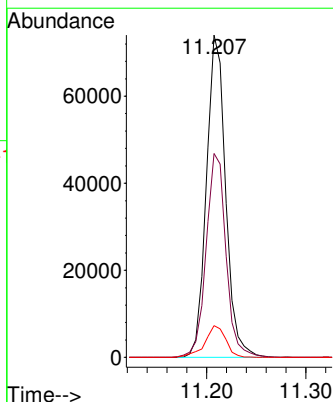
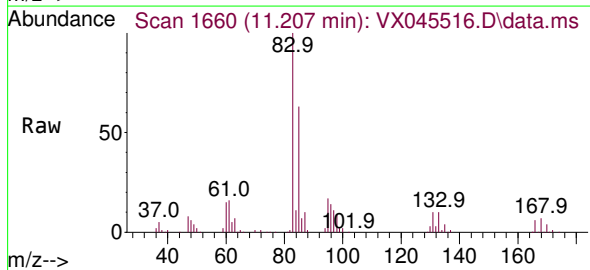




#57  
1,1,2,2-Tetrachloroethane  
Concen: 58.363 ug/L  
RT: 11.207 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

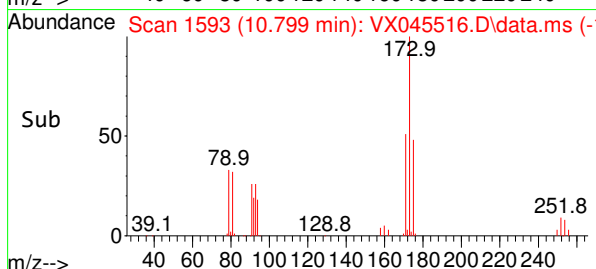
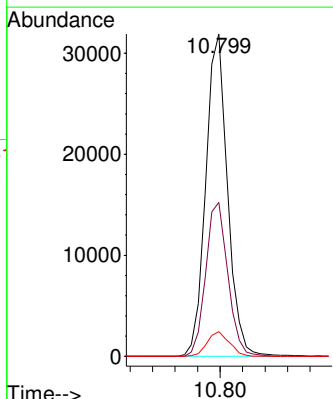
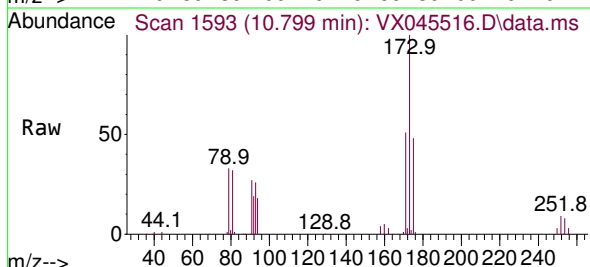
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050ECEC

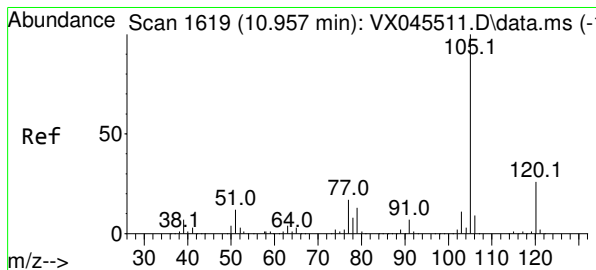
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 99592 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.2  | 44.9  | 83.5  |
| 131      | 9.9   | 8.0   | 12.0  |



#59  
Bromoform  
Concen: 59.900 ug/L  
RT: 10.799 min Scan# 1593  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 42897 |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 48.6  | 38.6  | 58.0  |
| 254      | 7.8   | 6.6   | 10.0  |





#60

Isopropylbenzene

Concen: 50.777 ug/L

RT: 10.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045516.D

Acq: 31 Mar 2025 12:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050ECEC

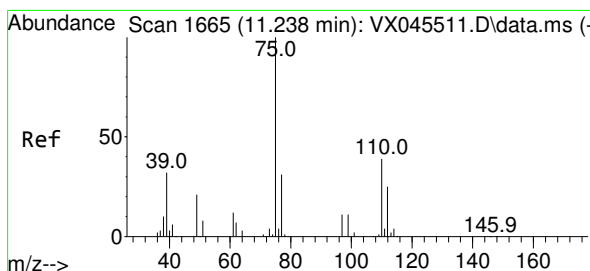
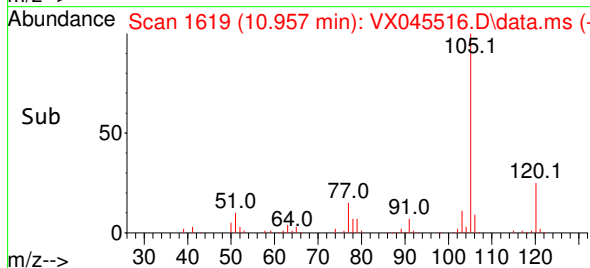
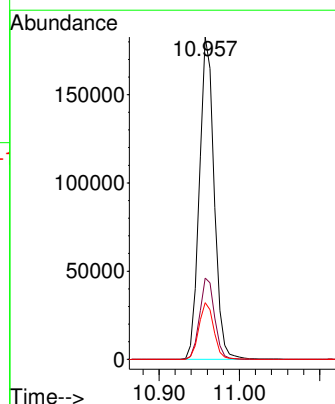
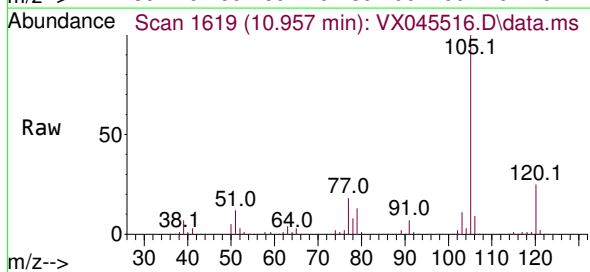
Tgt Ion:105 Resp: 234984

Ion Ratio Lower Upper

105 100

120 25.6 20.9 31.3

77 17.8 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 58.776 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX045516.D

Acq: 31 Mar 2025 12:58

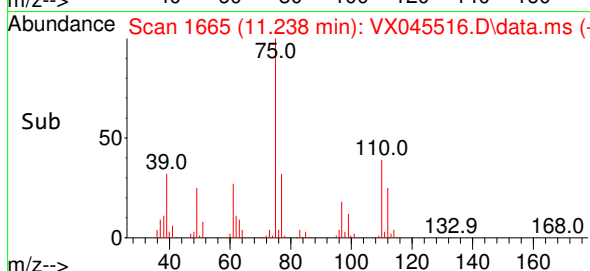
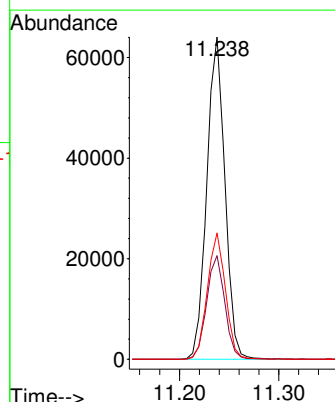
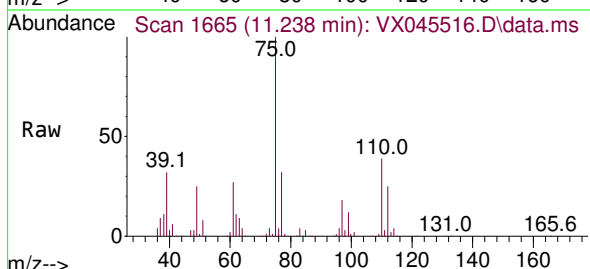
Tgt Ion: 75 Resp: 81290

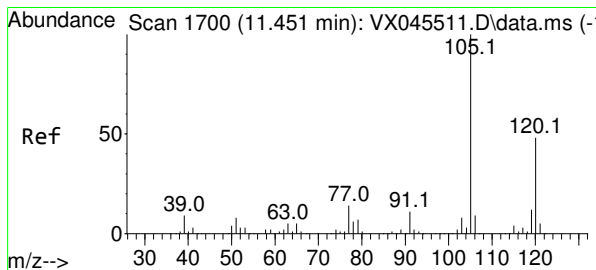
Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.6

110 39.0 30.8 46.2

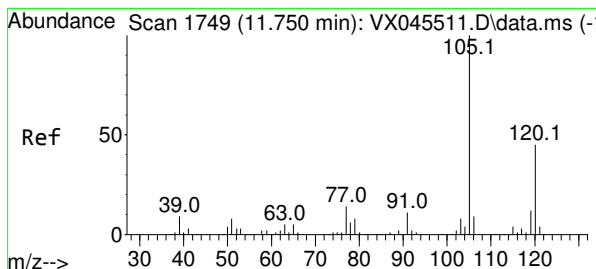
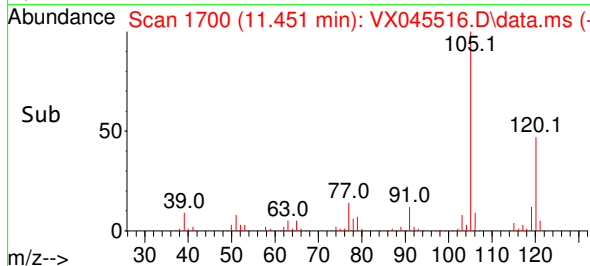
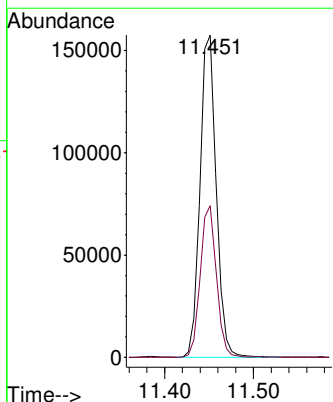
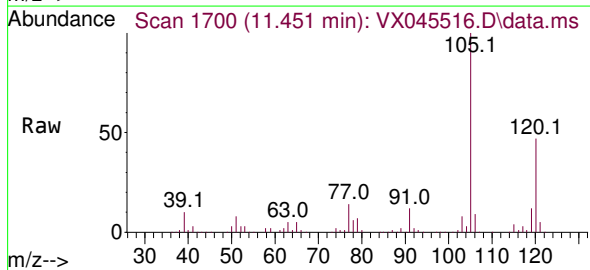




#62  
1,3,5-Trimethylbenzene  
Concen: 52.636 ug/L  
RT: 11.451 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

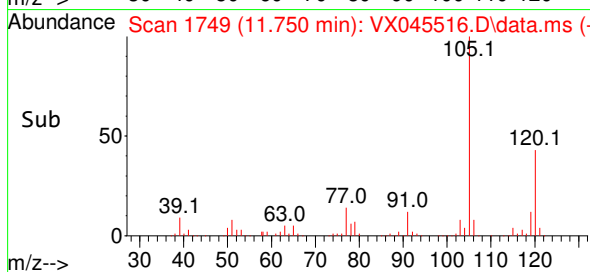
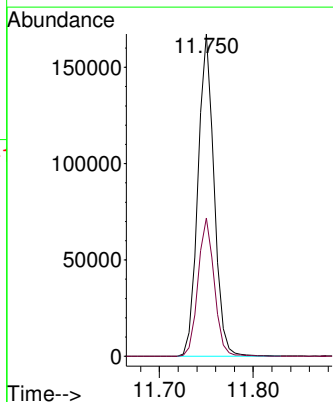
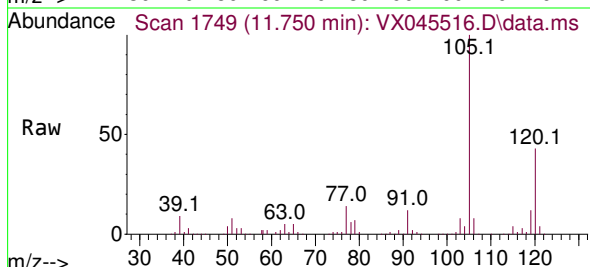
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050ECEC

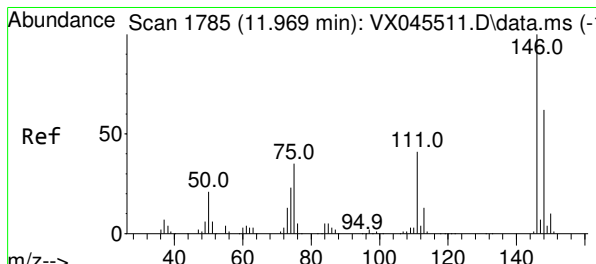
Tgt Ion:105 Resp: 199240  
Ion Ratio Lower Upper  
105 100  
120 46.9 38.3 57.5



#63  
1,2,4-Trimethylbenzene  
Concen: 53.868 ug/L  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

Tgt Ion:105 Resp: 200143  
Ion Ratio Lower Upper  
105 100  
120 43.2 35.7 53.5

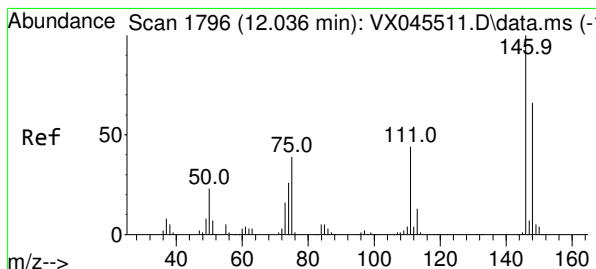
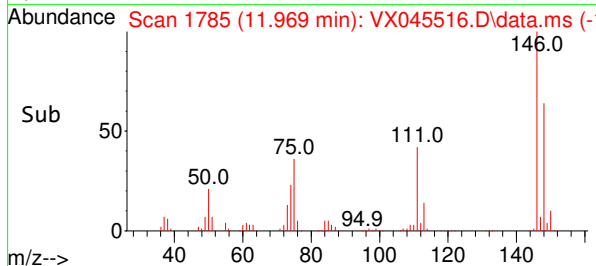
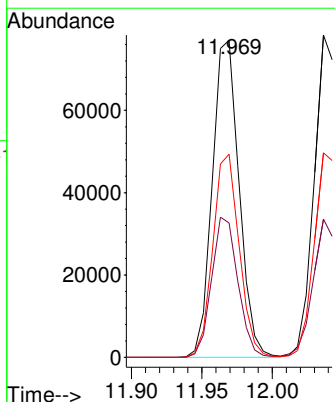
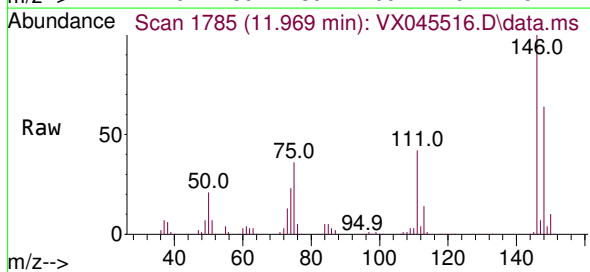




#64  
 1,3-Dichlorobenzene  
 Concen: 54.129 ug/L  
 RT: 11.969 min Scan# 1  
 Delta R.T. 0.000 min  
 Lab File: VX045516.D  
 Acq: 31 Mar 2025 12:58

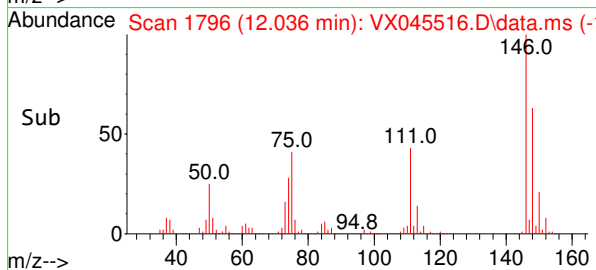
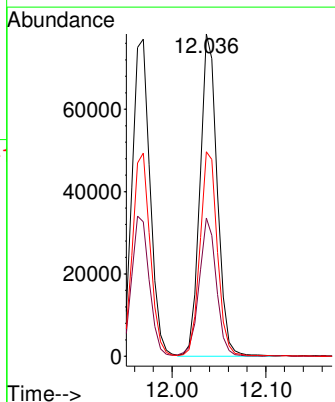
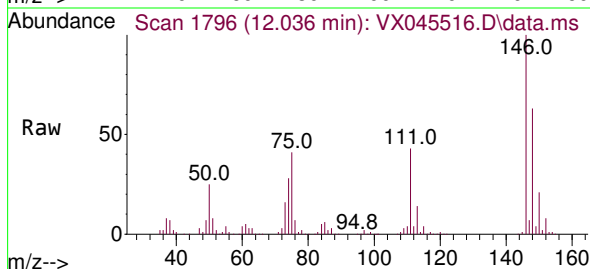
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050ECEC

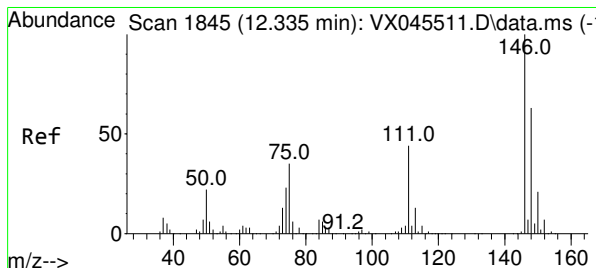
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 101768 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 42.4  | 29.5  | 54.9   |
| 148      | 64.1  | 44.4  | 82.5   |



#65  
 1,4-Dichlorobenzene  
 Concen: 53.653 ug/L  
 RT: 12.036 min Scan# 1796  
 Delta R.T. 0.000 min  
 Lab File: VX045516.D  
 Acq: 31 Mar 2025 12:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 100589 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 42.9  | 29.7  | 55.1   |
| 148      | 63.4  | 43.5  | 80.7   |





#67

1,2-Dichlorobenzene

Concen: 54.976 ug/L

RT: 12.335 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045516.D

Acq: 31 Mar 2025 12:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050ECEC

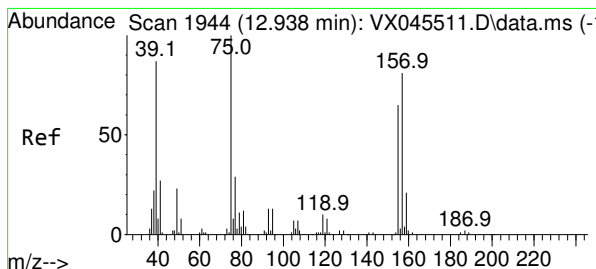
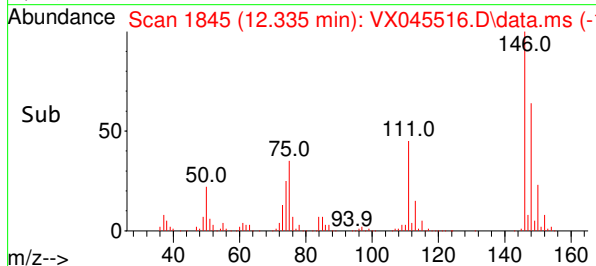
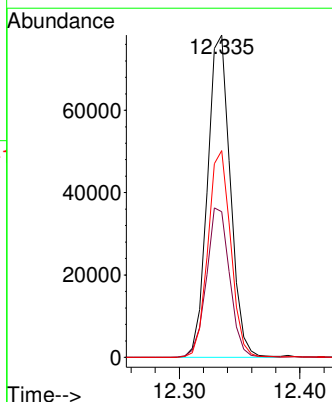
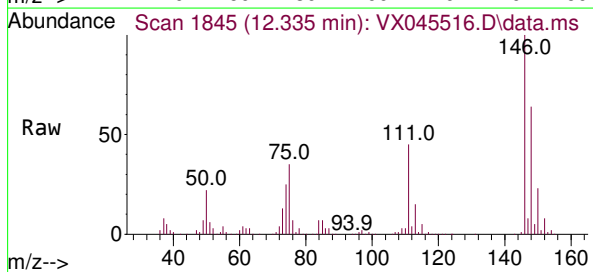
Tgt Ion:146 Resp: 102808

Ion Ratio Lower Upper

146 100

111 45.2 36.1 54.1

148 64.1 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 57.874 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX045516.D

Acq: 31 Mar 2025 12:58

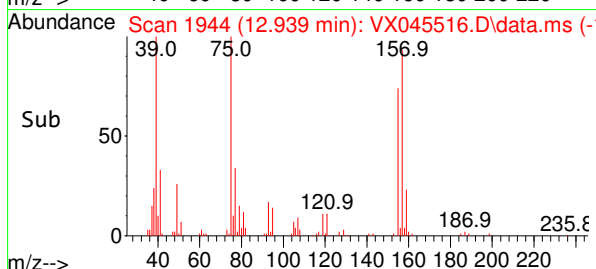
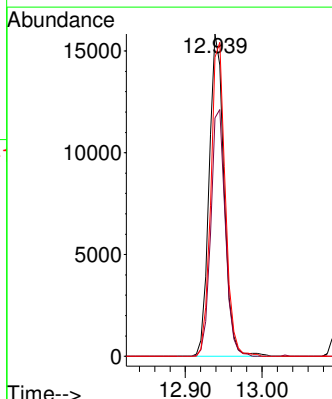
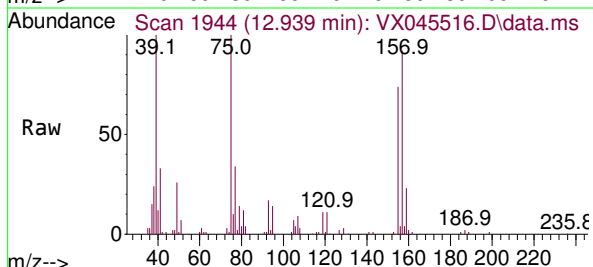
Tgt Ion: 75 Resp: 21522

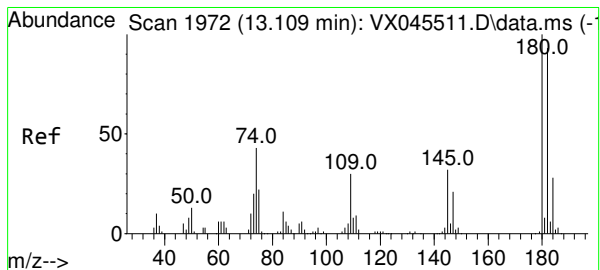
Ion Ratio Lower Upper

75 100

155 74.0 62.5 93.7

157 92.7 83.5 125.3

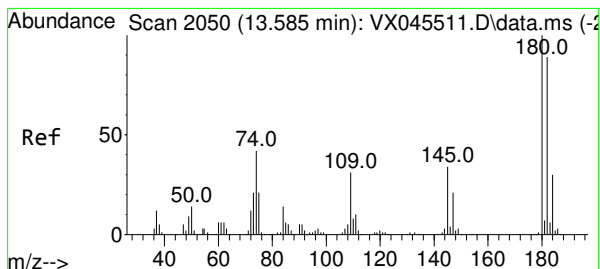
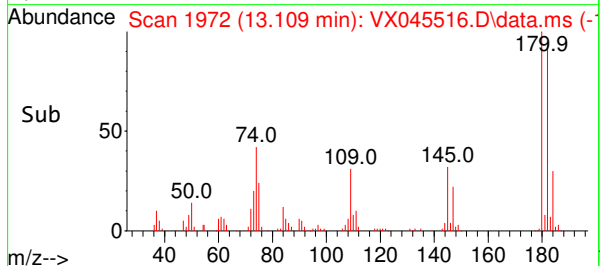
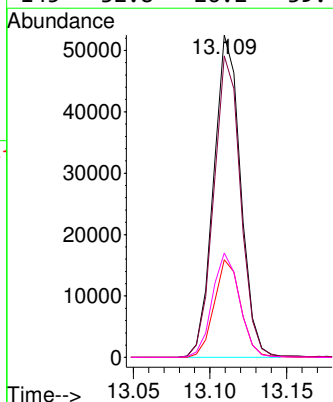
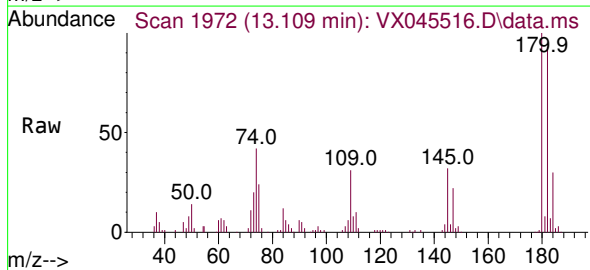




#69  
1,3,5-Trichlorobenzene  
Concen: 53.807 ug/L  
RT: 13.109 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

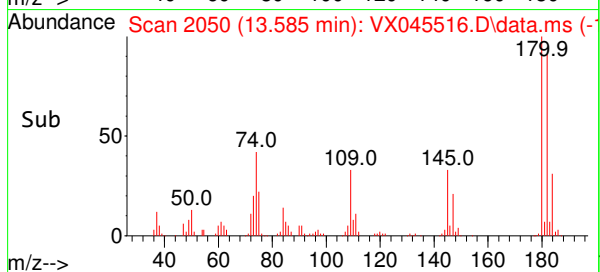
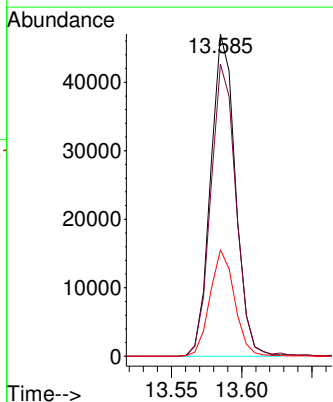
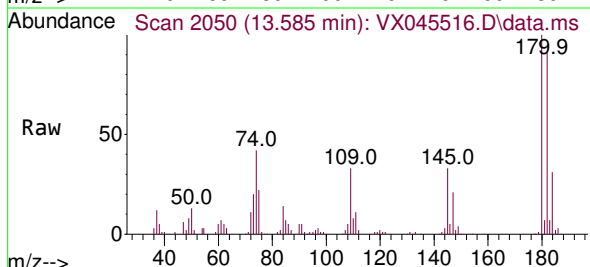
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050ECEC

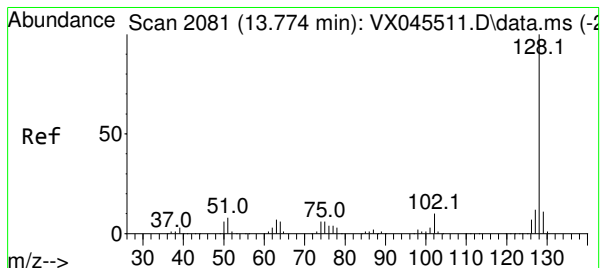
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 64042 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 93.3  | 77.0  | 115.6 |
| 184      | 29.8  | 24.0  | 36.0  |
| 145      | 32.8  | 26.2  | 39.4  |



#70  
1,2,4-trichlorobenzene  
Concen: 54.790 ug/L  
RT: 13.585 min Scan# 2050  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 57509 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 92.7  | 76.5  | 114.7 |
| 145      | 32.9  | 27.0  | 40.4  |

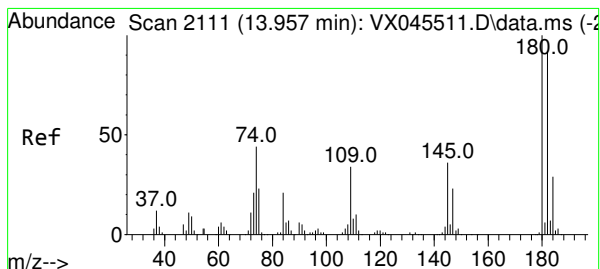
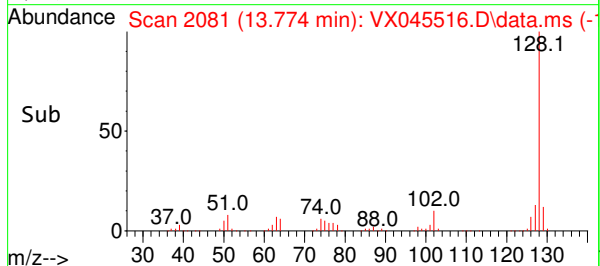
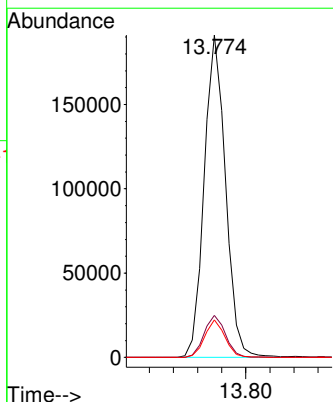
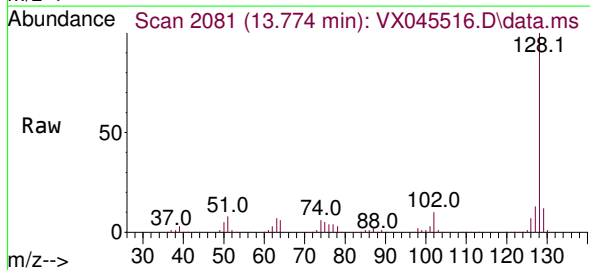




#71  
Naphthalene  
Concen: 59.022 ug/L  
RT: 13.774 min Scan# 2110  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050ECEC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 234307 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 13.2  | 10.1  | 15.1   |
| 129      | 11.2  | 8.7   | 13.1   |



#72  
1,2,3-Trichlorobenzene  
Concen: 56.244 ug/L  
RT: 13.957 min Scan# 2111  
Delta R.T. 0.000 min  
Lab File: VX045516.D  
Acq: 31 Mar 2025 12:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 60676 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 96.5  | 77.1  | 115.7 |
| 145      | 36.2  | 28.3  | 42.5  |

