

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY060225\  
 Data File : VY022494.D  
 Acq On : 02 Jun 2025 12:54  
 Operator : SY/MD  
 Sample : VSTDICCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

Quant Time: Jun 03 02:55:51 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060225S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 03 02:50:07 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.713  | 168  | 209963   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.616  | 114  | 350947   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.420 | 117  | 298187   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.347 | 152  | 139554   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.067  | 65    | 124098   | 54.320   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 108.640% |      |
| 35) Dibromofluoromethane    | 7.640  | 113   | 112624   | 54.514   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 109.020% |      |
| 50) Toluene-d8              | 10.109 | 98    | 448690   | 53.734   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 107.460% |      |
| 62) 4-Bromofluorobenzene    | 12.408 | 95    | 130393   | 51.503   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 103.000% |      |

|                              |       |     |         |         |      |     |
|------------------------------|-------|-----|---------|---------|------|-----|
| Target Compounds             |       |     |         | Qvalue  |      |     |
| 2) Dichlorodifluoromethane   | 1.867 | 85  | 86654   | 47.230  | ug/l | 100 |
| 3) Chloromethane             | 2.068 | 50  | 258324  | 47.727  | ug/l | 100 |
| 4) Vinyl Chloride            | 2.202 | 62  | 314332  | 49.618  | ug/l | 100 |
| 5) Bromomethane              | 2.598 | 94  | 260442  | 43.463  | ug/l | 100 |
| 6) Chloroethane              | 2.739 | 64  | 202595  | 46.711  | ug/l | 100 |
| 7) Trichlorofluoromethane    | 3.056 | 101 | 257006  | 47.749  | ug/l | 100 |
| 8) Diethyl Ether             | 3.464 | 74  | 61045   | 51.349  | ug/l | 100 |
| 9) 1,1,2-Trichlorotrifluo... | 3.818 | 101 | 112910  | 50.009  | ug/l | 100 |
| 10) Methyl Iodide            | 4.007 | 142 | 135237  | 55.855  | ug/l | 100 |
| 11) Tert butyl alcohol       | 4.885 | 59  | 41304   | 253.096 | ug/l | 100 |
| 12) 1,1-Dichloroethene       | 3.800 | 96  | 108756  | 50.463  | ug/l | 100 |
| 13) Acrolein                 | 3.659 | 56  | 50388   | 252.946 | ug/l | 100 |
| 14) Allyl chloride           | 4.391 | 41  | 169258  | 50.399  | ug/l | 100 |
| 15) Acrylonitrile            | 5.068 | 53  | 132018  | 261.075 | ug/l | 100 |
| 16) Acetone                  | 3.879 | 43  | 121507  | 269.036 | ug/l | 100 |
| 17) Carbon Disulfide         | 4.110 | 76  | 349342  | 50.769  | ug/l | 100 |
| 18) Methyl Acetate           | 4.397 | 43  | 69815   | 51.384  | ug/l | 100 |
| 19) Methyl tert-butyl Ether  | 5.129 | 73  | 308578  | 51.316  | ug/l | 100 |
| 20) Methylene Chloride       | 4.623 | 84  | 120562  | 47.810  | ug/l | 100 |
| 21) trans-1,2-Dichloroethene | 5.122 | 96  | 119917  | 49.807  | ug/l | 100 |
| 22) Diisopropyl ether        | 6.025 | 45  | 381760  | 51.120  | ug/l | 100 |
| 23) Vinyl Acetate            | 5.970 | 43  | 1137415 | 256.734 | ug/l | 100 |
| 24) 1,1-Dichloroethane       | 5.921 | 63  | 222533  | 50.410  | ug/l | 100 |
| 25) 2-Butanone               | 6.903 | 43  | 176185  | 264.461 | ug/l | 100 |
| 26) 2,2-Dichloropropane      | 6.890 | 77  | 198763  | 50.650  | ug/l | 100 |
| 27) cis-1,2-Dichloroethene   | 6.896 | 96  | 143210  | 51.463  | ug/l | 100 |
| 28) Bromochloromethane       | 7.250 | 49  | 95397   | 50.015  | ug/l | 100 |
| 29) Tetrahydrofuran          | 7.268 | 42  | 109698  | 255.247 | ug/l | 100 |
| 30) Chloroform               | 7.427 | 83  | 222226  | 50.944  | ug/l | 100 |
| 31) Cyclohexane              | 7.707 | 56  | 213031  | 47.951  | ug/l | 100 |
| 32) 1,1,1-Trichloroethane    | 7.622 | 97  | 199103  | 51.074  | ug/l | 100 |
| 36) 1,1-Dichloropropene      | 7.841 | 75  | 170708  | 51.116  | ug/l | 100 |
| 37) Ethyl Acetate            | 6.994 | 43  | 80426   | 54.721  | ug/l | 100 |
| 38) Carbon Tetrachloride     | 7.823 | 117 | 178292  | 51.787  | ug/l | 100 |
| 39) Methylcyclohexane        | 9.116 | 83  | 230536  | 51.100  | ug/l | 100 |
| 40) Benzene                  | 8.085 | 78  | 505749  | 51.376  | ug/l | 100 |

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 Sample : VSTDICCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

Quant Time: Jun 03 02:55:51 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060225S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 03 02:50:07 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.232  | 41   | 43865    | 46.342  | ug/l   | 100      |
| 42) 1,2-Dichloroethane        | 8.165  | 62   | 136876   | 51.114  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.201  | 43   | 167771   | 52.237  | ug/l   | 100      |
| 44) Trichloroethene           | 8.866  | 130  | 124670   | 51.843  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.146  | 63   | 120660   | 51.415  | ug/l   | 100      |
| 46) Dibromomethane            | 9.231  | 93   | 67690    | 51.485  | ug/l   | 100      |
| 47) Bromodichloromethane      | 9.427  | 83   | 172341   | 51.664  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.225  | 41   | 77885    | 52.963  | ug/l   | 100      |
| 49) 1,4-Dioxane               | 9.244  | 88   | 15334    | 977.637 | ug/l   | 100      |
| 51) 4-Methyl-2-Pentanone      | 10.000 | 43   | 425868   | 267.154 | ug/l   | 100      |
| 52) Toluene                   | 10.176 | 92   | 316972   | 51.213  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.396 | 75   | 161859   | 52.450  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.859  | 75   | 188559   | 52.108  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 10.573 | 97   | 84788    | 51.209  | ug/l   | 100      |
| 56) Ethyl methacrylate        | 10.445 | 69   | 127271   | 52.930  | ug/l   | 100      |
| 57) 1,3-Dichloropropane       | 10.719 | 76   | 152809   | 51.821  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.713  | 63   | 279669   | 260.896 | ug/l   | 100      |
| 59) 2-Hexanone                | 10.762 | 43   | 283601   | 266.885 | ug/l   | 100      |
| 60) Dibromochloromethane      | 10.914 | 129  | 110314   | 52.582  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.018 | 107  | 78151    | 51.150  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.652 | 164  | 130171   | 51.367  | ug/l   | 100      |
| 65) Chlorobenzene             | 11.444 | 112  | 332645   | 51.447  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.518 | 131  | 112934   | 51.526  | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.518 | 91   | 621031   | 51.577  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.633 | 106  | 468441   | 102.795 | ug/l   | 100      |
| 69) o-Xylene                  | 11.957 | 106  | 218760   | 51.293  | ug/l   | 100      |
| 70) Styrene                   | 11.969 | 104  | 367553   | 52.052  | ug/l   | 100      |
| 71) Bromoform                 | 12.133 | 173  | 59888    | 51.996  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.255 | 105  | 577133   | 51.329  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.072 | 43   | 149637   | 52.627  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane | 12.505 | 83   | 95218    | 52.145  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.554 | 75   | 132344   | 71.836  | ug/l # | 100      |
| 77) Bromobenzene              | 12.536 | 156  | 121092   | 50.812  | ug/l   | 100      |
| 78) n-propylbenzene           | 12.597 | 91   | 707143   | 51.667  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.682 | 91   | 373402   | 51.670  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.737 | 105  | 455006   | 51.754  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.304 | 75   | 32630    | 50.780  | ug/l   | 100      |
| 82) 4-Chlorotoluene           | 12.780 | 91   | 387296   | 51.710  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 12.999 | 119  | 404519   | 50.438  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.042 | 105  | 449372   | 51.088  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.176 | 105  | 623185   | 51.250  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.292 | 119  | 510026   | 51.018  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.292 | 146  | 241816   | 50.717  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.371 | 146  | 237429   | 51.108  | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.621 | 91   | 493153   | 51.811  | ug/l   | 100      |
| 90) Hexachloroethane          | 13.883 | 117  | 99901    | 51.068  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 13.657 | 146  | 211065   | 51.528  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.273 | 75   | 14697    | 53.244  | ug/l   | 100      |
| 93) 1,2,4-Trichlorobenzene    | 14.919 | 180  | 114007   | 50.919  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.023 | 225  | 62434    | 51.054  | ug/l   | 100      |
| 95) Naphthalene               | 15.145 | 128  | 226073   | 52.686  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.328 | 180  | 97609    | 51.295  | ug/l   | 100      |

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Sample : VSTDICCC050  
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ALS Vial : 8 Sample Multiplier: 1

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MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

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Quant Title : SW846 8260  
QLast Update : Tue Jun 03 02:50:07 2025  
Response via : Initial Calibration

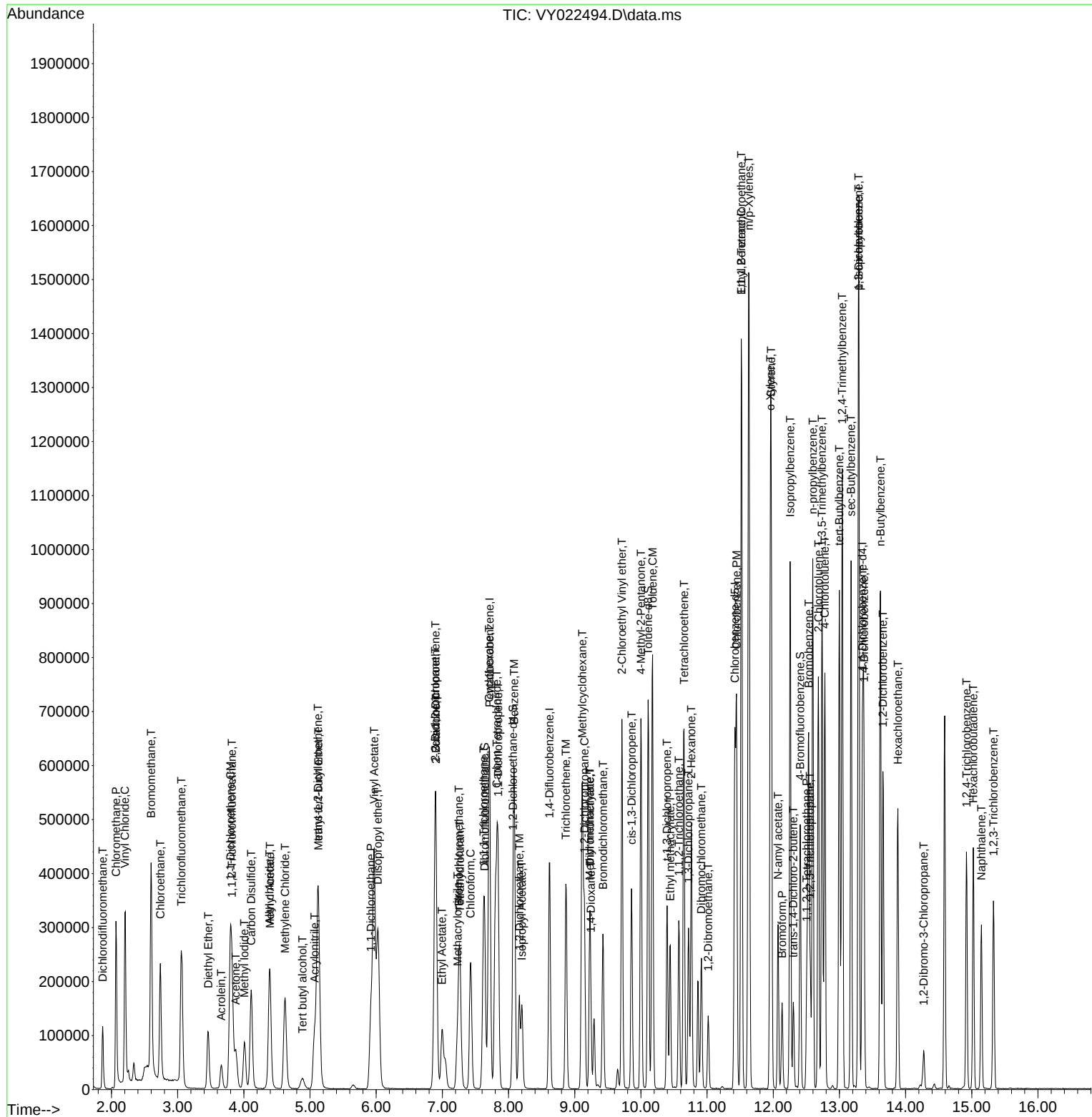
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

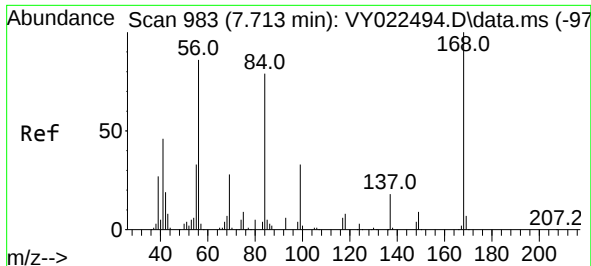
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 ALS Vial : 8 Sample Multiplier: 1

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 Quant Title : SW846 8260  
 QLast Update : Tue Jun 03 02:50:07 2025  
 Response via : Initial Calibration

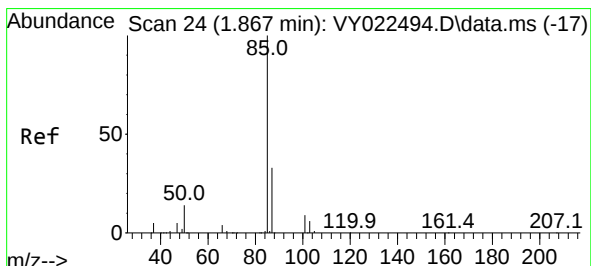
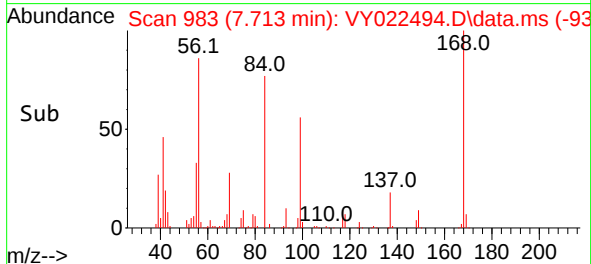
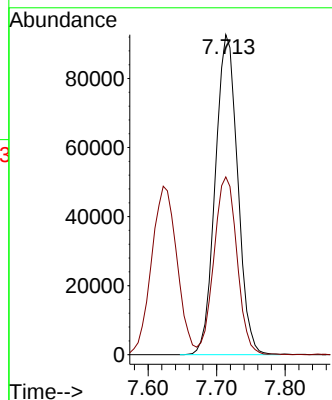
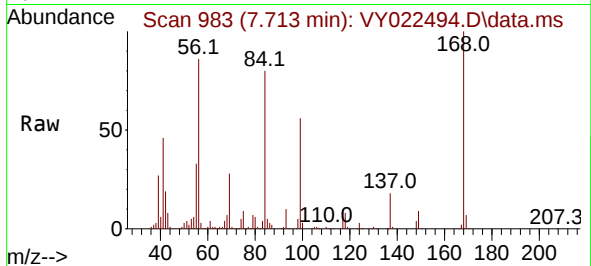




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.713 min Scan# 983  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

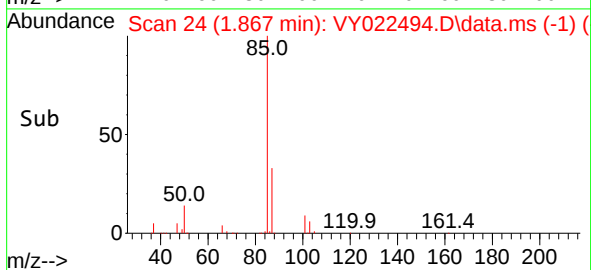
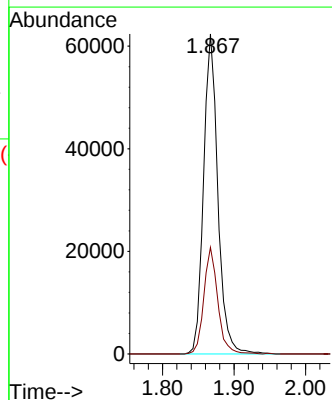
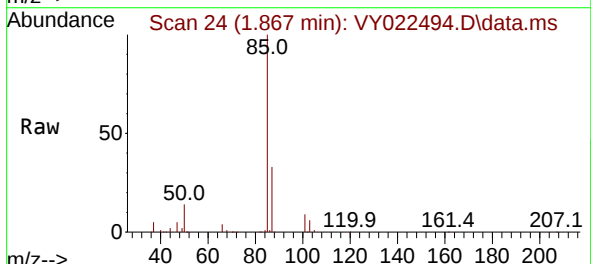
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

Tgt Ion:168 Resp: 209963  
Ion Ratio Lower Upper  
168 100  
99 55.4 44.3 66.5



#2  
Dichlorodifluoromethane  
Concen: 47.230 ug/l  
RT: 1.867 min Scan# 24  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

Tgt Ion: 85 Resp: 86654  
Ion Ratio Lower Upper  
85 100  
87 33.3 16.7 50.0

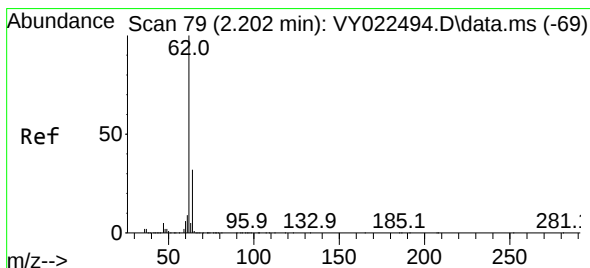
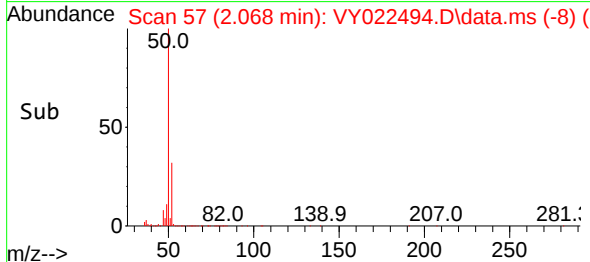
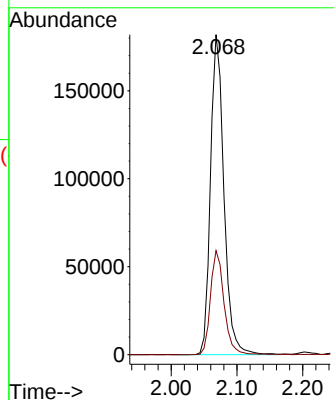
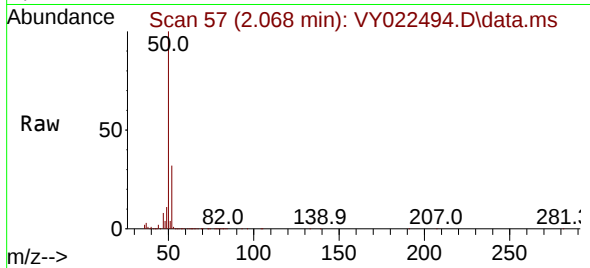




#3  
Chloromethane  
Concen: 47.727 ug/l  
RT: 2.068 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

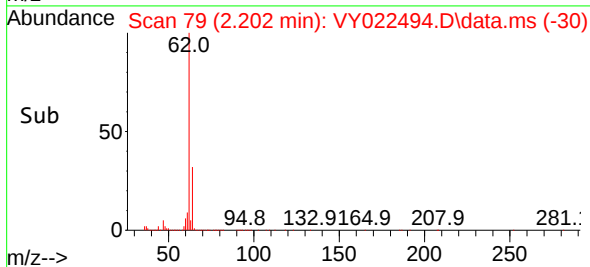
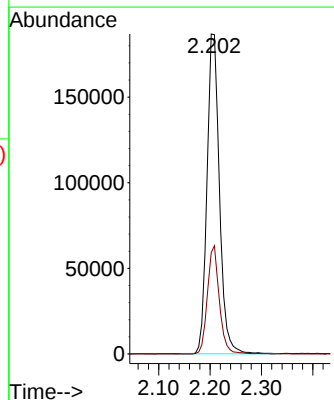
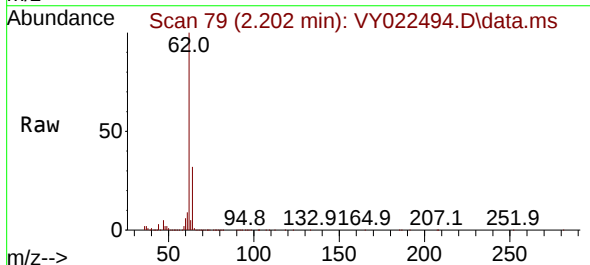
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

Tgt Ion: 50 Resp: 258324  
Ion Ratio Lower Upper  
50 100  
52 32.5 26.0 39.0



#4  
Vinyl Chloride  
Concen: 49.618 ug/l  
RT: 2.202 min Scan# 79  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

Tgt Ion: 62 Resp: 314332  
Ion Ratio Lower Upper  
62 100  
64 31.6 25.3 37.9

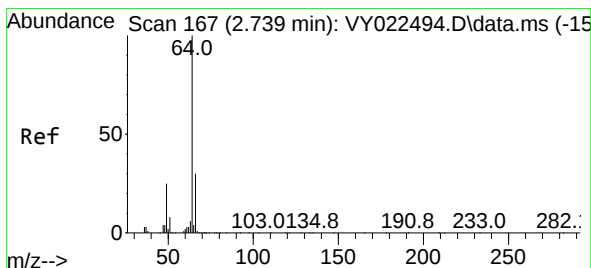
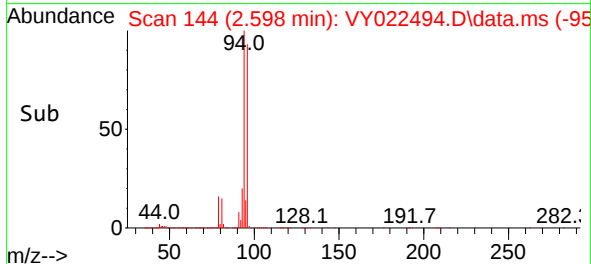
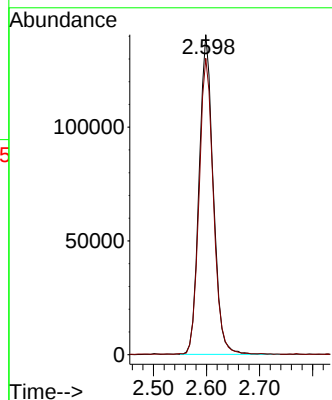
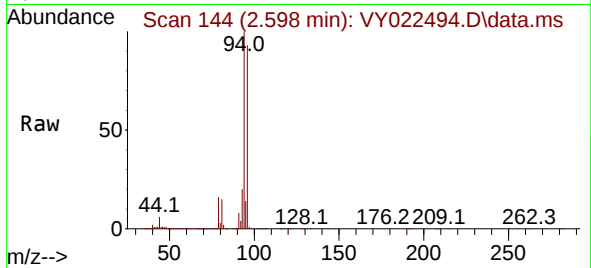




#5  
Bromomethane  
Concen: 43.463 ug/l  
RT: 2.598 min Scan# 144  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

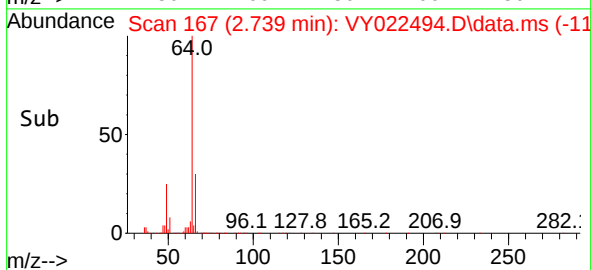
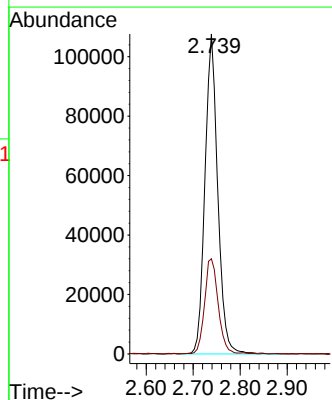
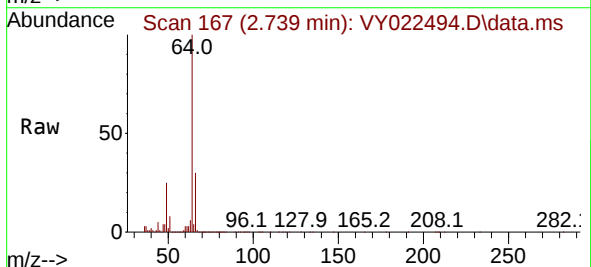
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

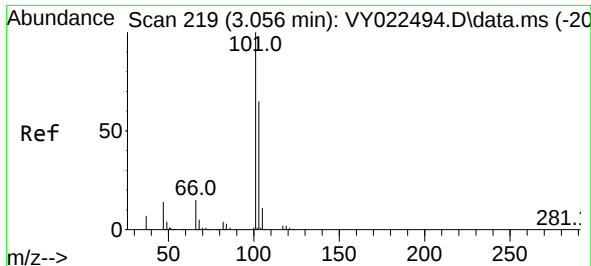
Tgt Ion: 94 Resp: 260442  
Ion Ratio Lower Upper  
94 100  
96 92.5 74.0 111.0



#6  
Chloroethane  
Concen: 46.711 ug/l  
RT: 2.739 min Scan# 167  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

Tgt Ion: 64 Resp: 202595  
Ion Ratio Lower Upper  
64 100  
66 29.7 23.8 35.6

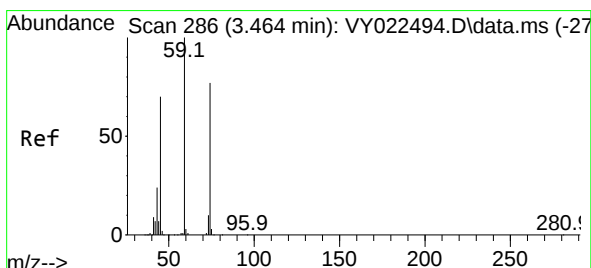
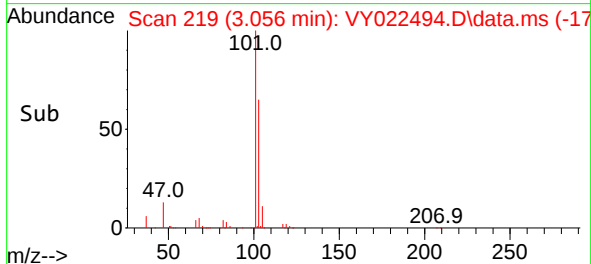
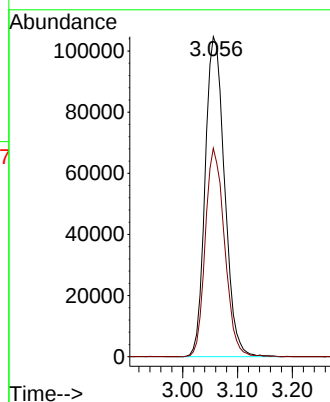
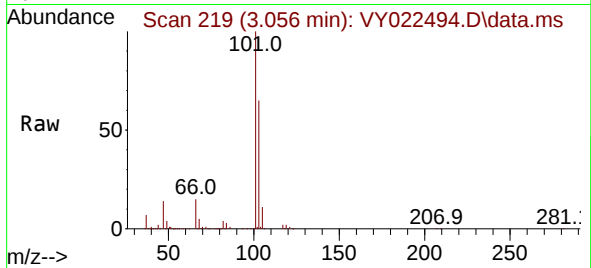




#7  
 Trichlorofluoromethane  
 Concen: 47.749 ug/l  
 RT: 3.056 min Scan# 219  
 Delta R.T. 0.000 min  
 Lab File: VY022494.D  
 Acq: 02 Jun 2025 12:54

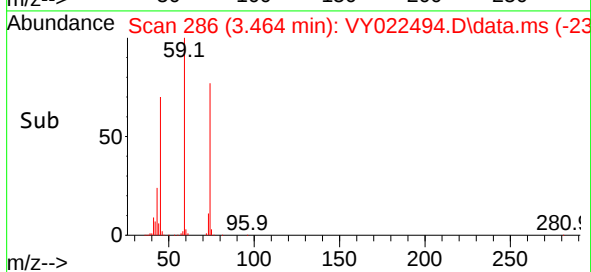
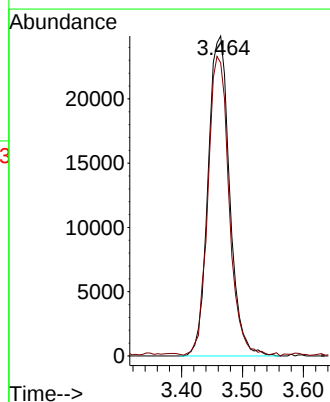
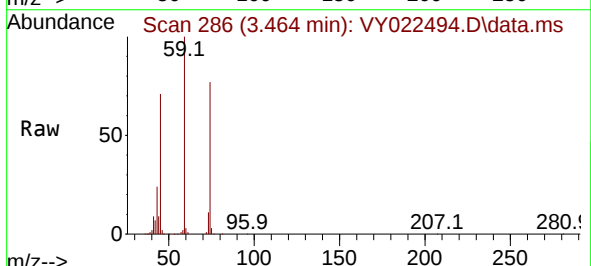
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

Tgt Ion:101 Resp: 257006  
 Ion Ratio Lower Upper  
 101 100  
 103 65.2 52.2 78.2



#8  
 Diethyl Ether  
 Concen: 51.349 ug/l  
 RT: 3.464 min Scan# 286  
 Delta R.T. 0.000 min  
 Lab File: VY022494.D  
 Acq: 02 Jun 2025 12:54

Tgt Ion: 74 Resp: 61045  
 Ion Ratio Lower Upper  
 74 100  
 45 91.7 45.9 137.6

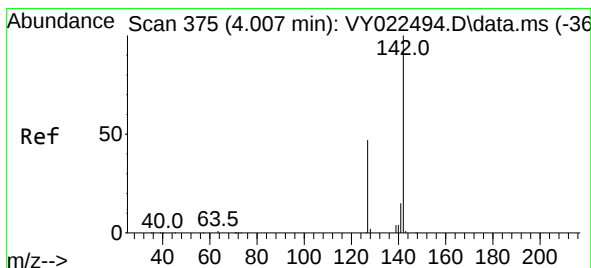
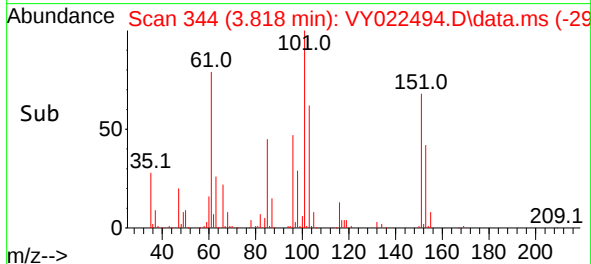
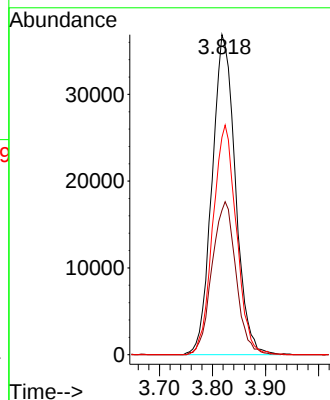
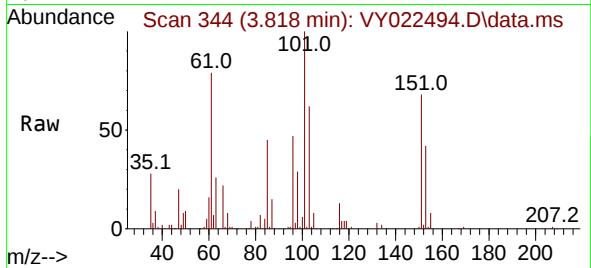




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.009 ug/l  
RT: 3.818 min Scan# 344  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

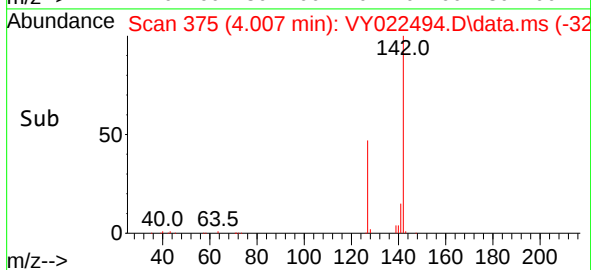
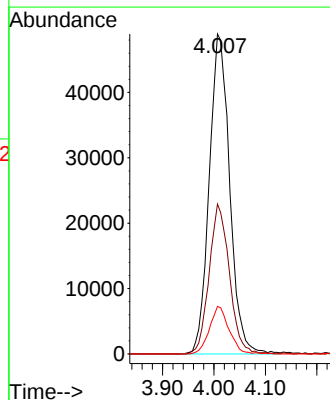
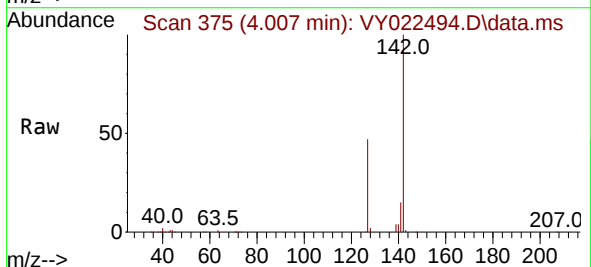
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MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

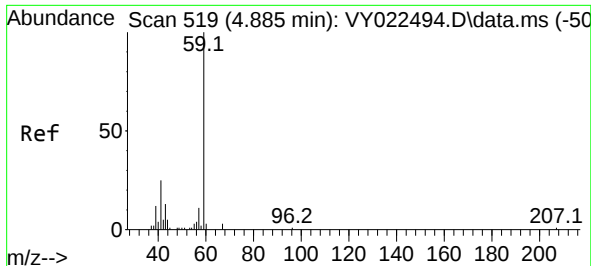
Tgt Ion:101 Resp: 112910  
Ion Ratio Lower Upper  
101 100  
85 49.1 39.3 58.9  
151 72.3 57.8 86.8



#10  
Methyl Iodide  
Concen: 55.855 ug/l  
RT: 4.007 min Scan# 375  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

Tgt Ion:142 Resp: 135237  
Ion Ratio Lower Upper  
142 100  
127 46.4 37.1 55.7  
141 14.3 11.4 17.2

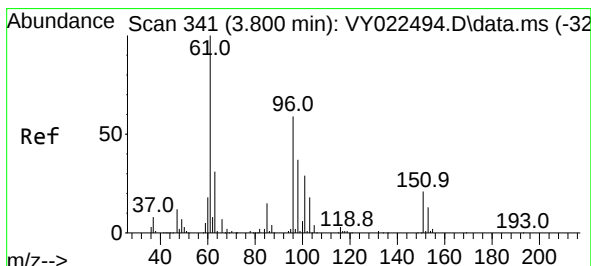
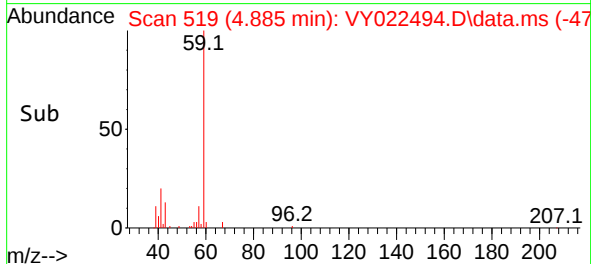
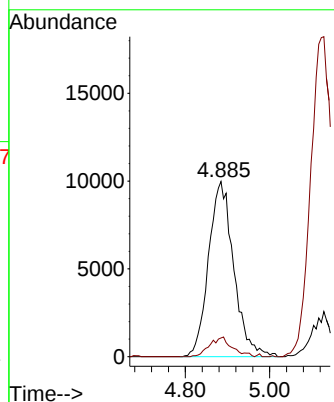
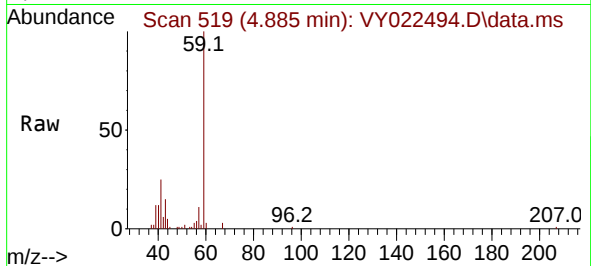




#11  
Tert butyl alcohol  
Concen: 253.096 ug/l  
RT: 4.885 min Scan# 519  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

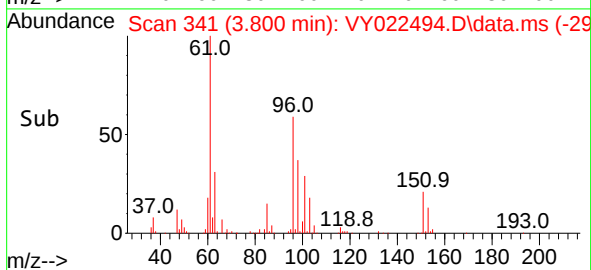
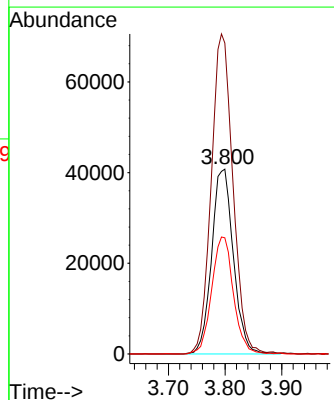
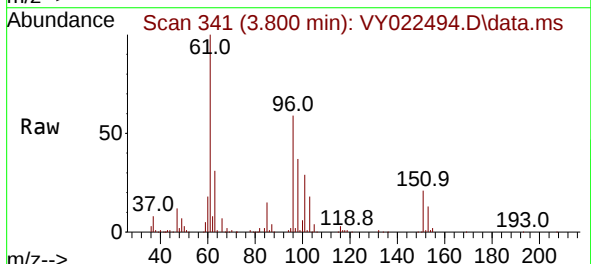
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

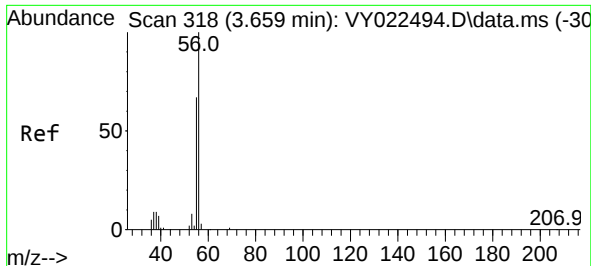
Tgt Ion: 59 Resp: 41304  
Ion Ratio Lower Upper  
59 100  
57 10.0 8.0 12.0



#12  
1,1-Dichloroethene  
Concen: 50.463 ug/l  
RT: 3.800 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

Tgt Ion: 96 Resp: 108756  
Ion Ratio Lower Upper  
96 100  
61 168.2 134.6 201.8  
98 62.8 50.2 75.4





#13

Acrolein

Concen: 252.946 ug/l

RT: 3.659 min Scan# 318

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA\_Y

ClientSampleId :

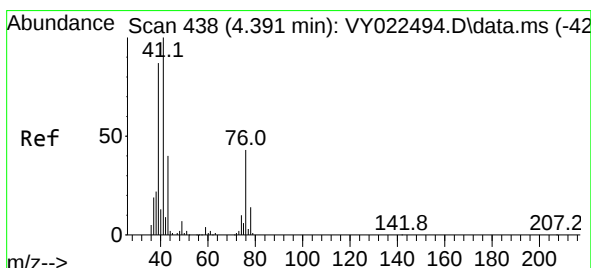
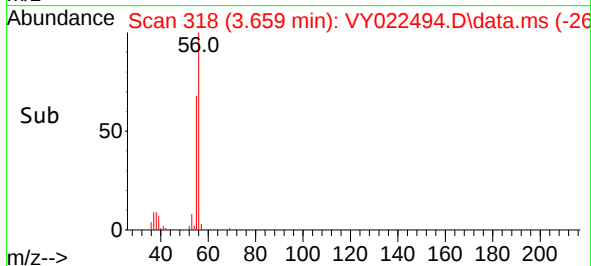
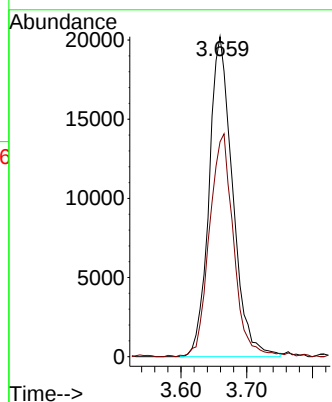
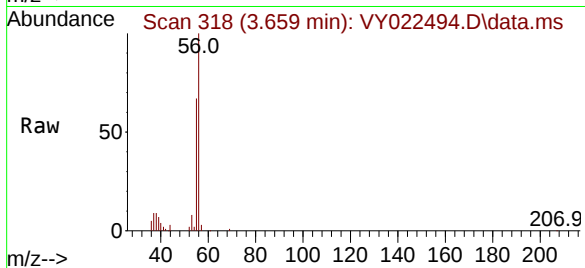
VSTDICCC050

Tgt Ion: 56 Resp: 50388

Ion Ratio Lower Upper

56 100

55 71.3 57.0 85.6



#14

Allyl chloride

Concen: 50.399 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

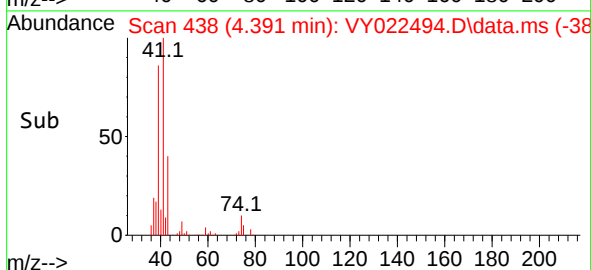
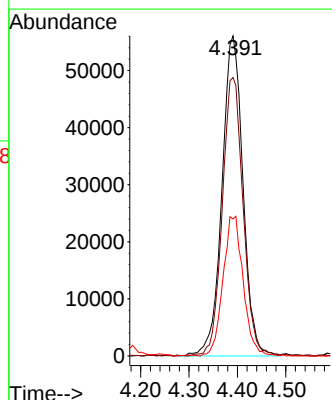
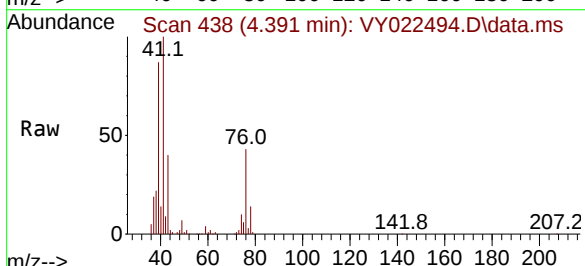
Tgt Ion: 41 Resp: 169258

Ion Ratio Lower Upper

41 100

39 86.4 69.1 103.7

76 41.9 33.5 50.3

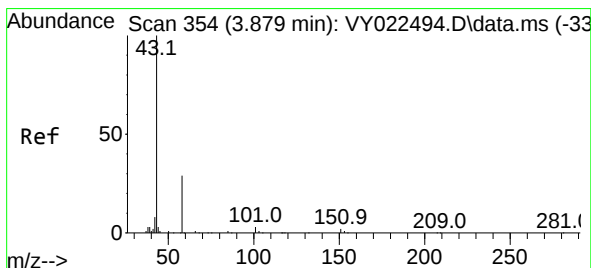
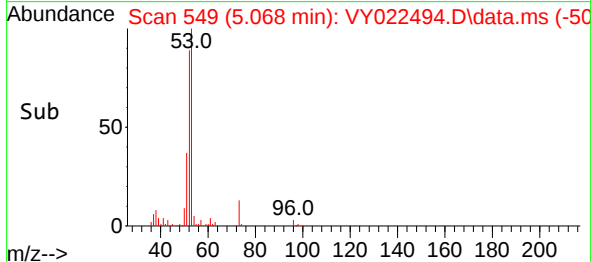
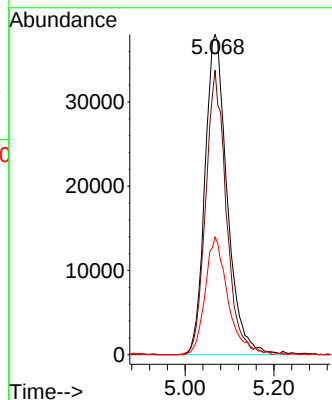
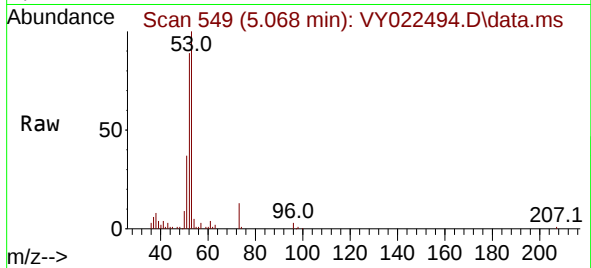




#15  
Acrylonitrile  
Concen: 261.075 ug/l  
RT: 5.068 min Scan# 549  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

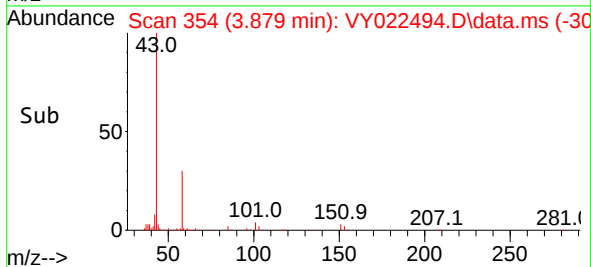
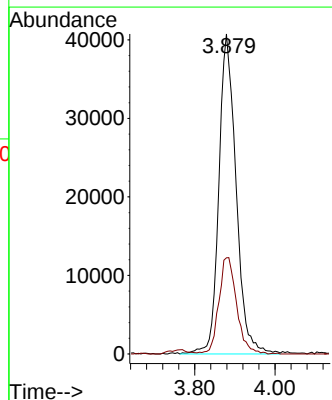
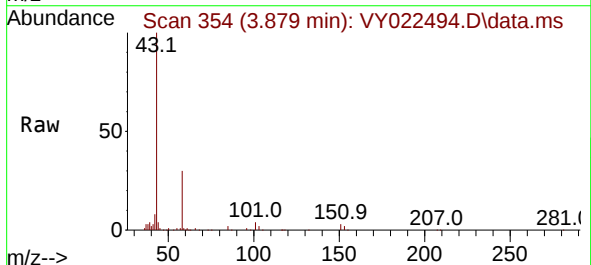
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MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

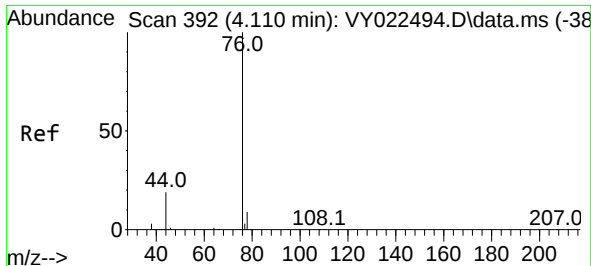
Tgt Ion: 53 Resp: 132018  
Ion Ratio Lower Upper  
53 100  
52 82.1 65.7 98.5  
51 37.6 30.1 45.1



#16  
Acetone  
Concen: 269.036 ug/l  
RT: 3.879 min Scan# 354  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

Tgt Ion: 43 Resp: 121507  
Ion Ratio Lower Upper  
43 100  
58 30.0 24.0 36.0

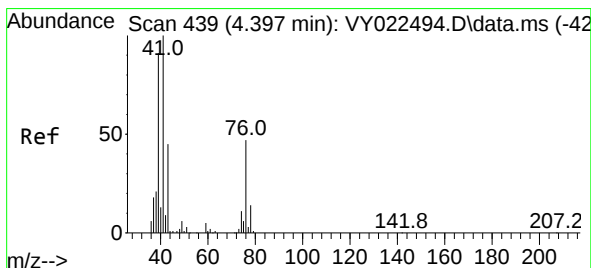
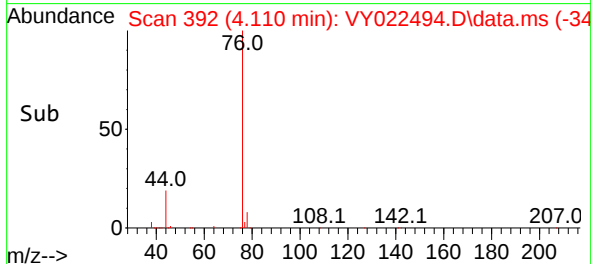
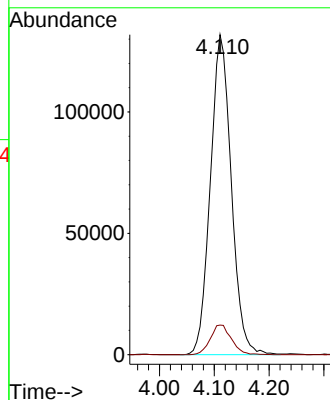
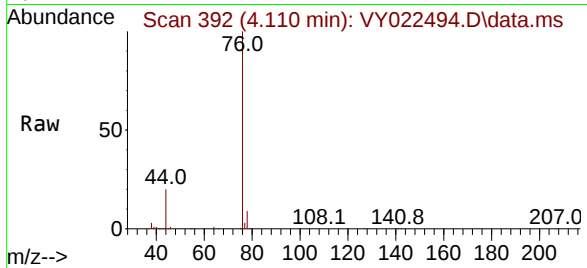




#17  
Carbon Disulfide  
Concen: 50.769 ug/l  
RT: 4.110 min Scan# 392  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

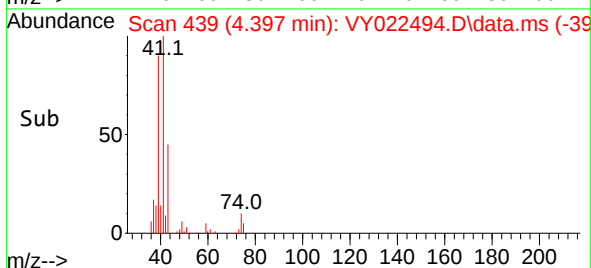
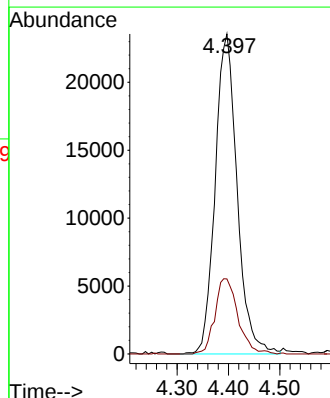
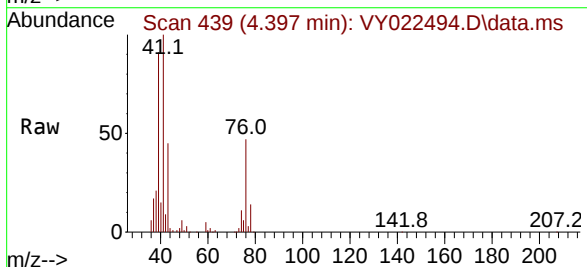
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

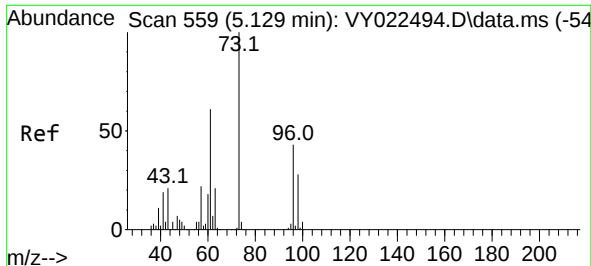
Tgt Ion: 76 Resp: 349342  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.4 11.2



#18  
Methyl Acetate  
Concen: 51.384 ug/l  
RT: 4.397 min Scan# 439  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

Tgt Ion: 43 Resp: 69815  
Ion Ratio Lower Upper  
43 100  
74 24.7 19.8 29.6

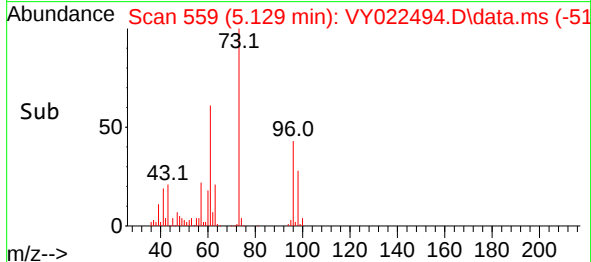
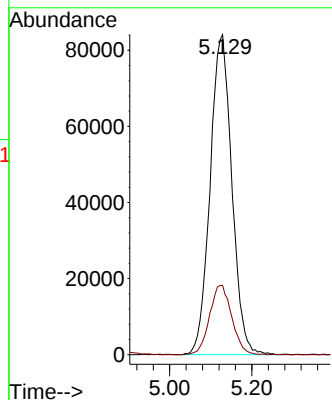
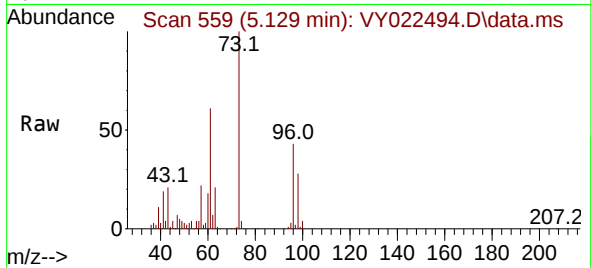




#19  
Methyl tert-butyl Ether  
Concen: 51.316 ug/l  
RT: 5.129 min Scan# 519  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

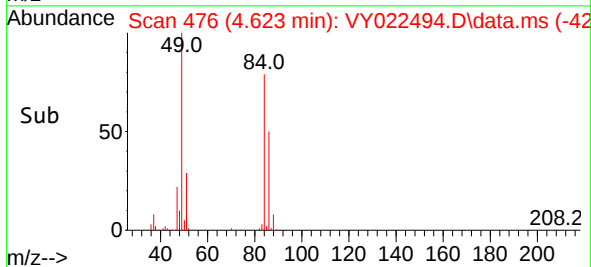
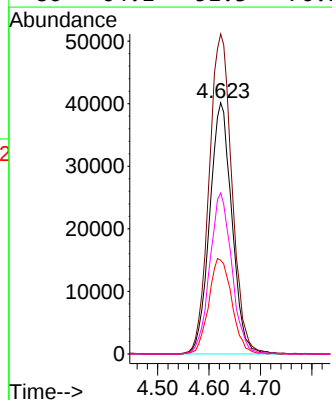
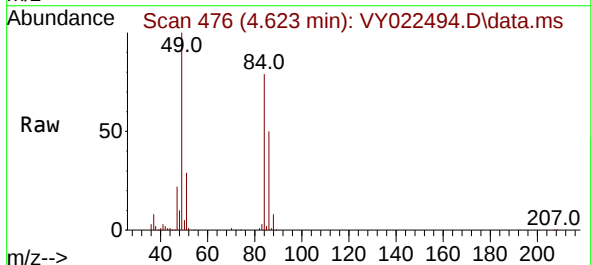
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MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

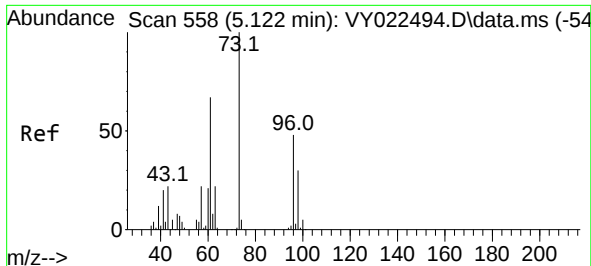
Tgt Ion: 73 Resp: 308578  
Ion Ratio Lower Upper  
73 100  
57 21.7 17.4 26.0



#20  
Methylene Chloride  
Concen: 47.810 ug/l  
RT: 4.623 min Scan# 476  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

Tgt Ion: 84 Resp: 120562  
Ion Ratio Lower Upper  
84 100  
49 127.4 101.9 152.9  
51 37.3 29.8 44.8  
86 64.1 51.3 76.9

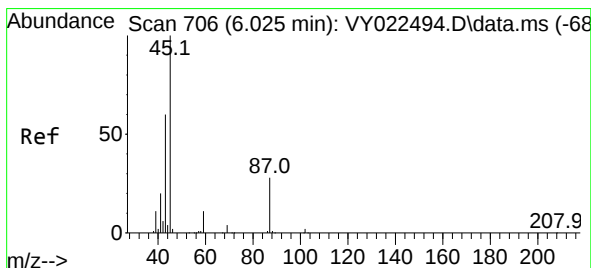
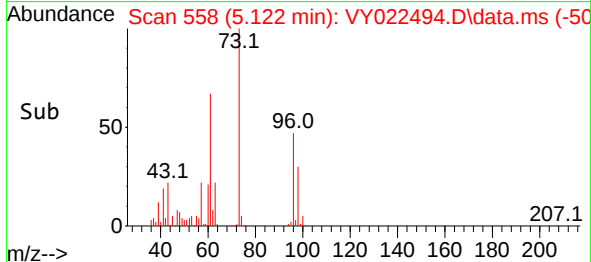
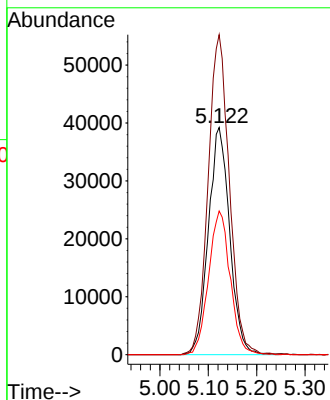
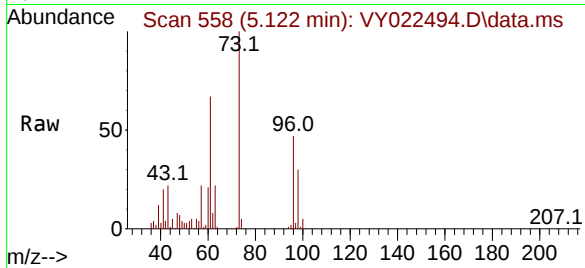




#21  
trans-1,2-Dichloroethene  
Concen: 49.807 ug/l  
RT: 5.122 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

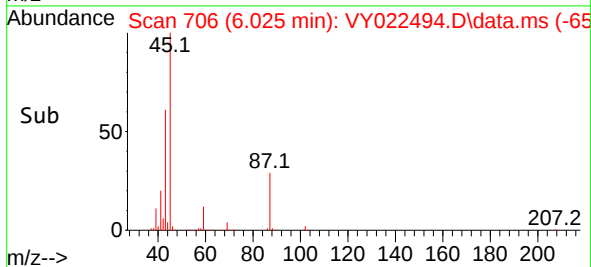
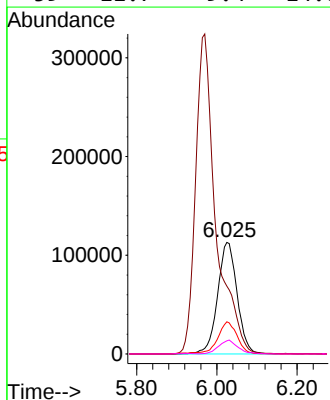
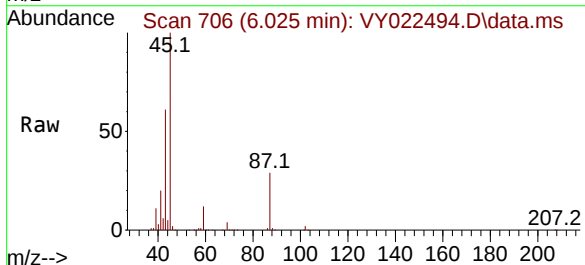
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

Tgt Ion: 96 Resp: 119917  
Ion Ratio Lower Upper  
96 100  
61 140.8 112.6 169.0  
98 63.2 50.6 75.8



#22  
Diisopropyl ether  
Concen: 51.120 ug/l  
RT: 6.025 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

Tgt Ion: 45 Resp: 381760  
Ion Ratio Lower Upper  
45 100  
43 60.4 48.3 72.5  
87 28.8 23.0 34.6  
59 11.7 9.4 14.0

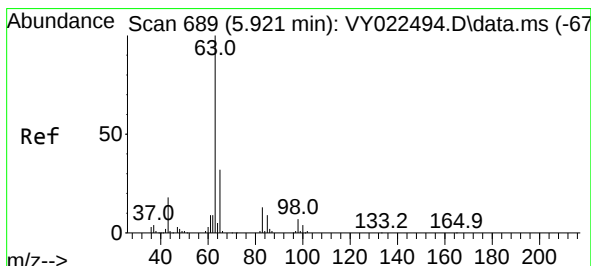
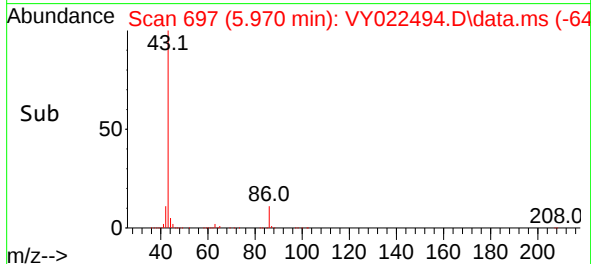
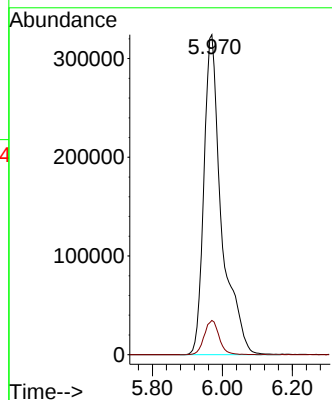
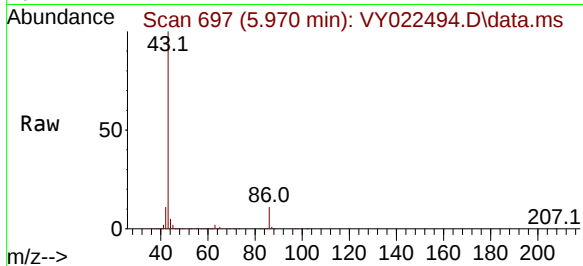




#23  
 Vinyl Acetate  
 Concen: 256.734 ug/l  
 RT: 5.970 min Scan# 697  
 Delta R.T. 0.000 min  
 Lab File: VY022494.D  
 Acq: 02 Jun 2025 12:54

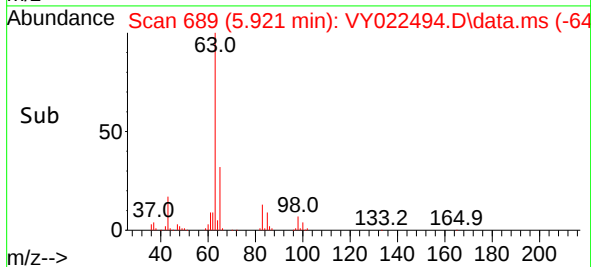
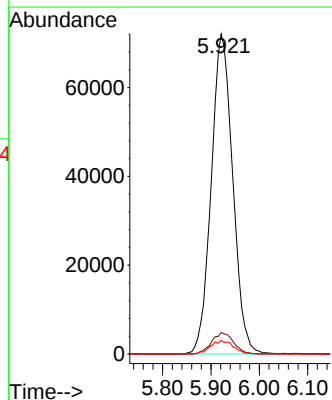
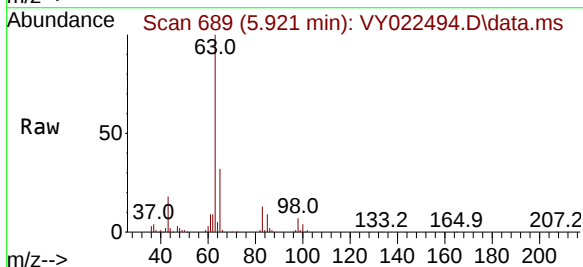
Instrument :  
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 ClientSampleId :  
 VSTDICCC050

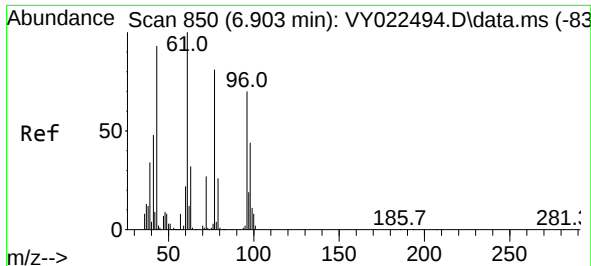
Tgt Ion: 43 Resp: 1137415  
 Ion Ratio Lower Upper  
 43 100  
 86 10.7 8.6 12.8



#24  
 1,1-Dichloroethane  
 Concen: 50.410 ug/l  
 RT: 5.921 min Scan# 689  
 Delta R.T. 0.000 min  
 Lab File: VY022494.D  
 Acq: 02 Jun 2025 12:54

Tgt Ion: 63 Resp: 222533  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 3.4 10.1  
 100 4.2 2.1 6.3

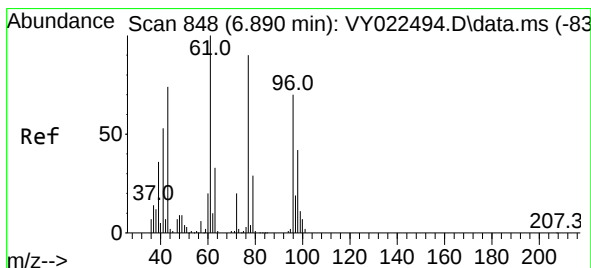
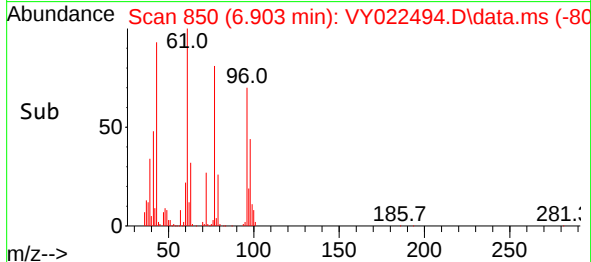
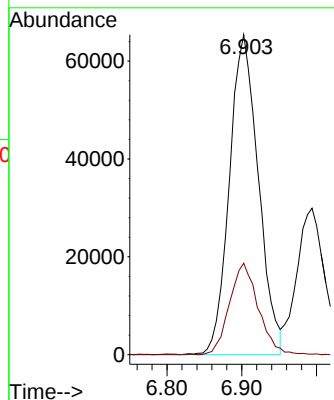
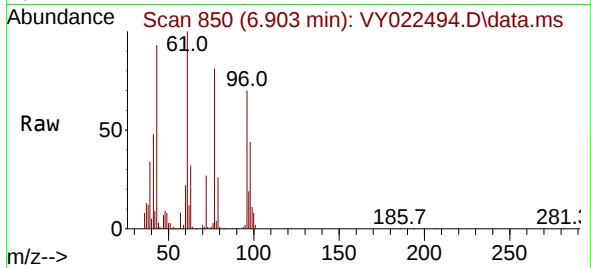




#25  
2-Butanone  
Concen: 264.461 ug/l  
RT: 6.903 min Scan# 850  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

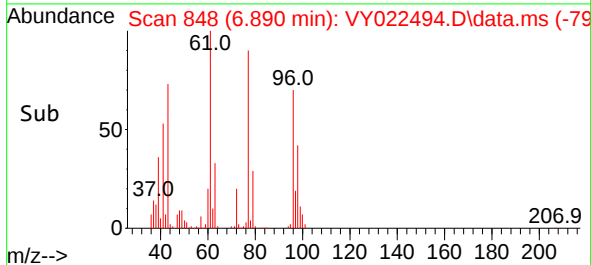
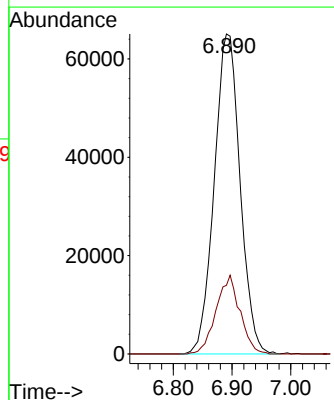
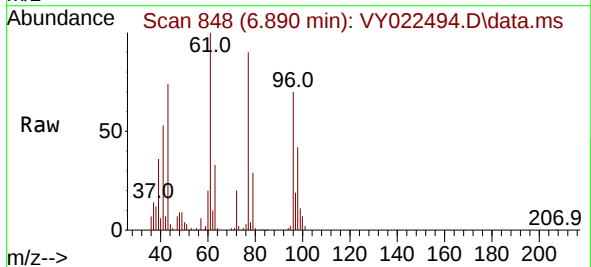
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

Tgt Ion: 43 Resp: 176185  
Ion Ratio Lower Upper  
43 100  
72 28.6 22.9 34.3



#26  
2,2-Dichloropropane  
Concen: 50.650 ug/l  
RT: 6.890 min Scan# 848  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

Tgt Ion: 77 Resp: 198763  
Ion Ratio Lower Upper  
77 100  
97 22.8 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 51.463 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

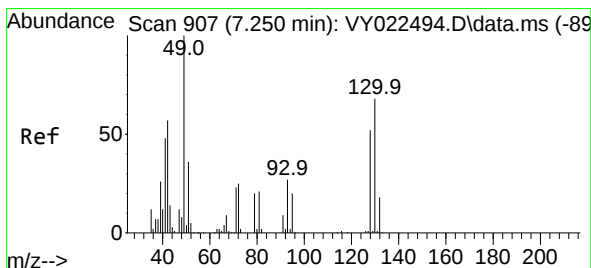
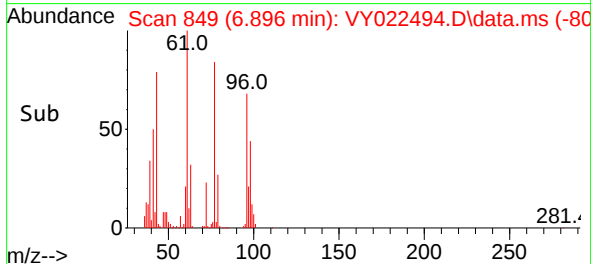
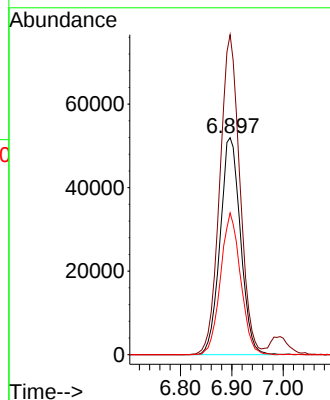
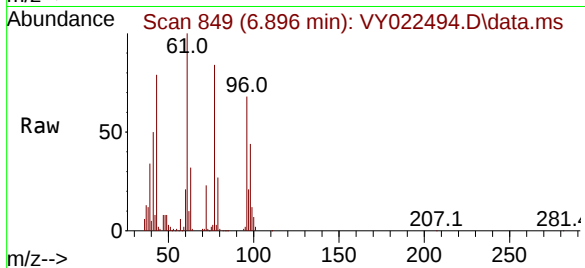
Tgt Ion: 96 Resp: 143210

Ion Ratio Lower Upper

96 100

61 145.0 0.0 290.0

98 64.2 0.0 128.4



#28

Bromochloromethane

Concen: 50.015 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

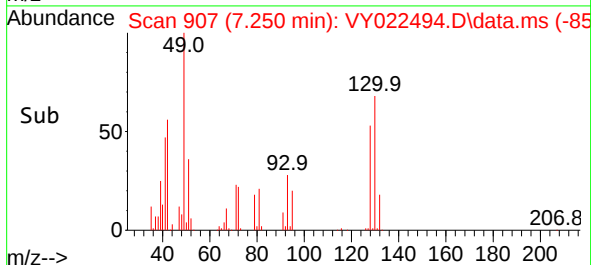
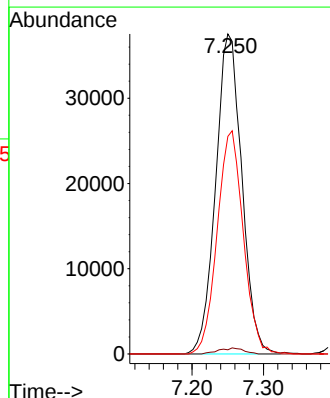
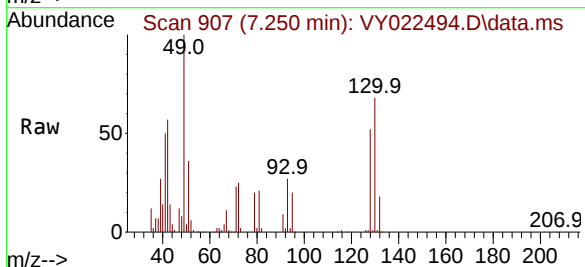
Tgt Ion: 49 Resp: 95397

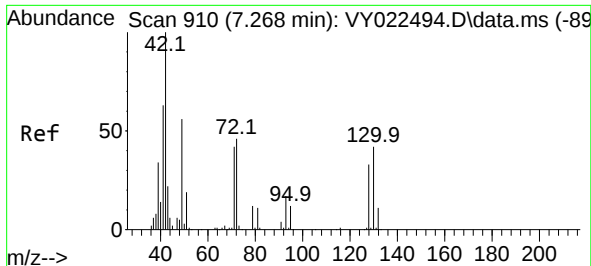
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

130 69.6 55.7 83.5

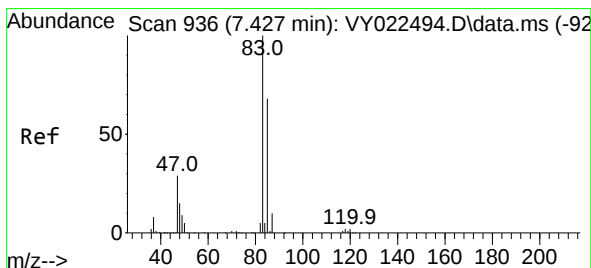
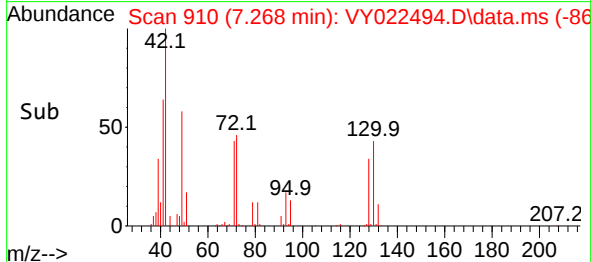
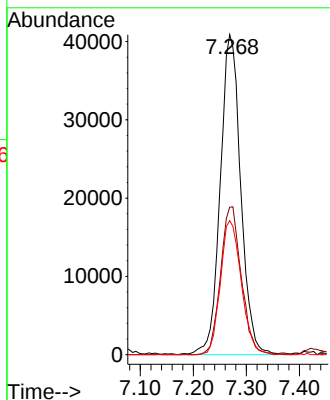
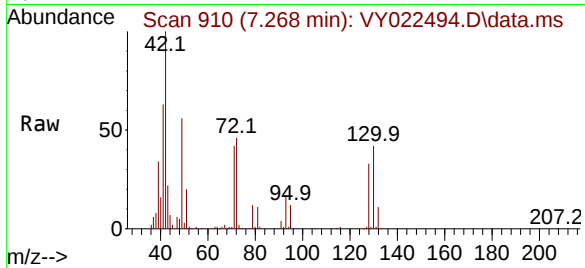




#29  
Tetrahydrofuran  
Concen: 255.247 ug/l  
RT: 7.268 min Scan# 910  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

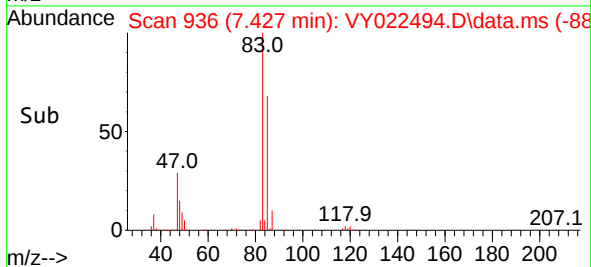
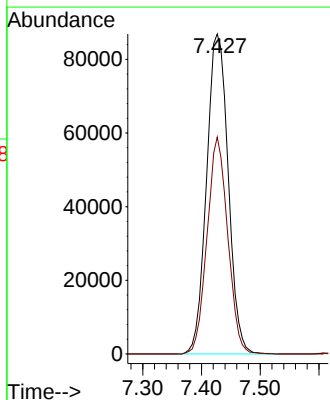
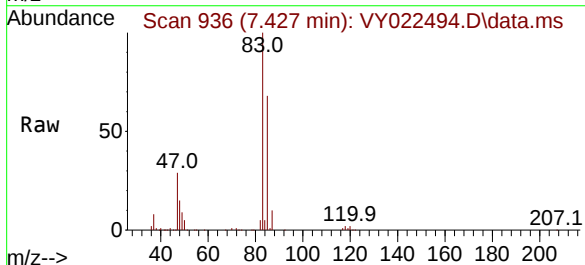
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

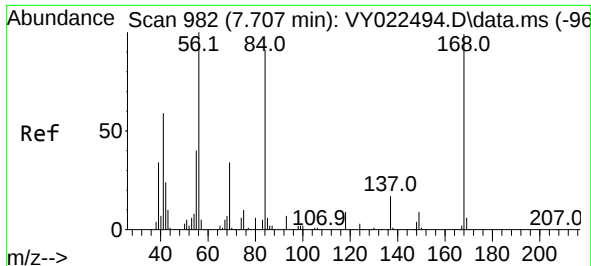
Tgt Ion: 42 Resp: 109698  
Ion Ratio Lower Upper  
42 100  
72 46.8 37.4 56.2  
71 42.7 34.2 51.2



#30  
Chloroform  
Concen: 50.944 ug/l  
RT: 7.427 min Scan# 936  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

Tgt Ion: 83 Resp: 222226  
Ion Ratio Lower Upper  
83 100  
85 67.8 54.2 81.4

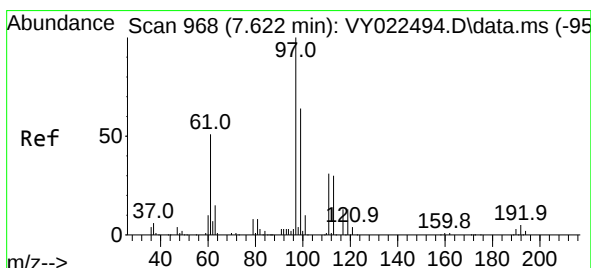
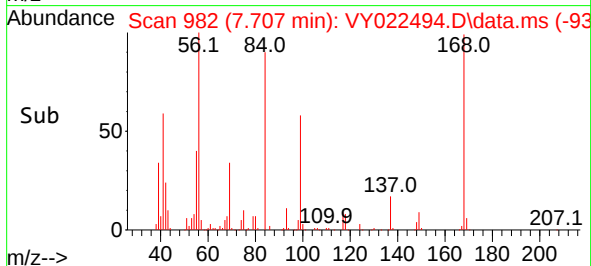
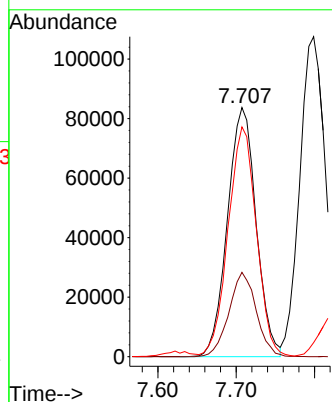
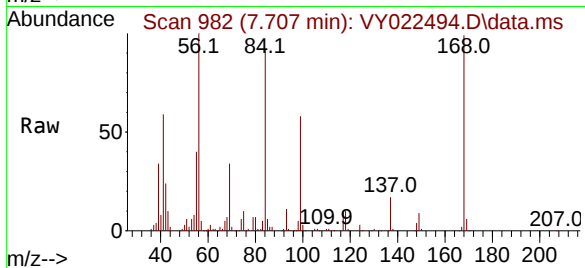




#31  
Cyclohexane  
Concen: 47.951 ug/l  
RT: 7.707 min Scan# 982  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

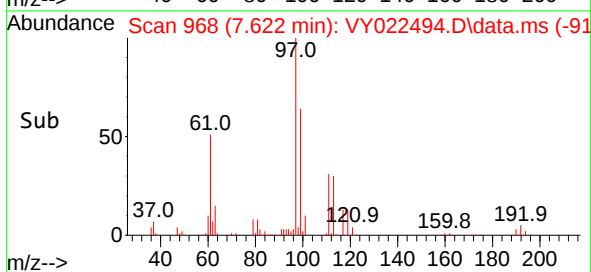
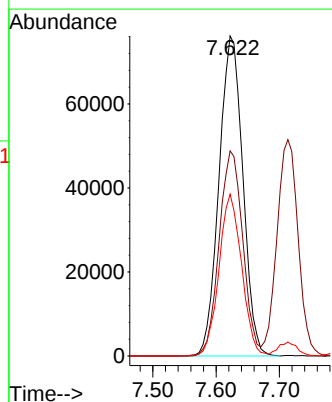
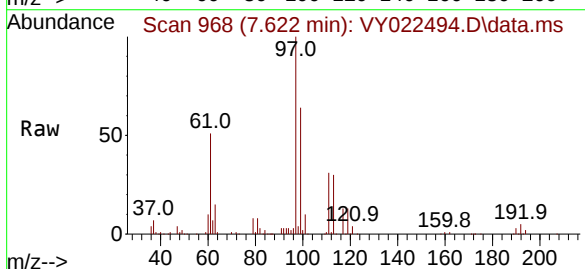
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

Tgt Ion: 56 Resp: 213031  
Ion Ratio Lower Upper  
56 100  
69 33.8 27.0 40.6  
84 90.8 72.6 109.0



#32  
1,1,1-Trichloroethane  
Concen: 51.074 ug/l  
RT: 7.622 min Scan# 968  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

Tgt Ion: 97 Resp: 199103  
Ion Ratio Lower Upper  
97 100  
99 63.6 50.9 76.3  
61 48.1 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 54.320 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA\_Y

ClientSampleId :

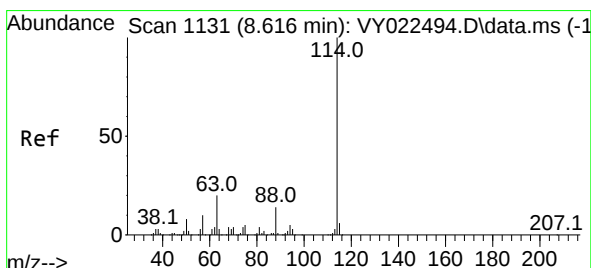
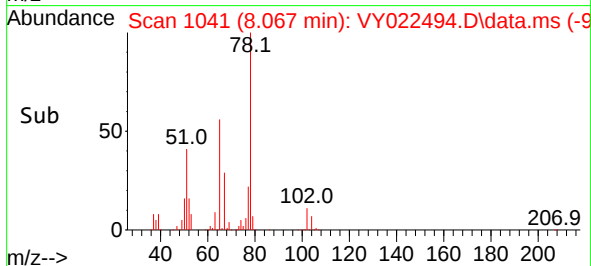
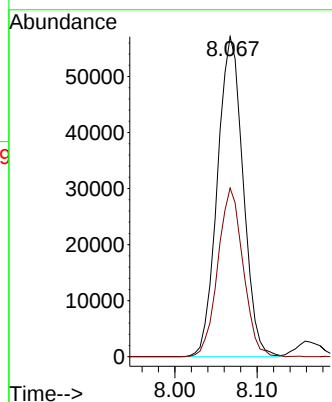
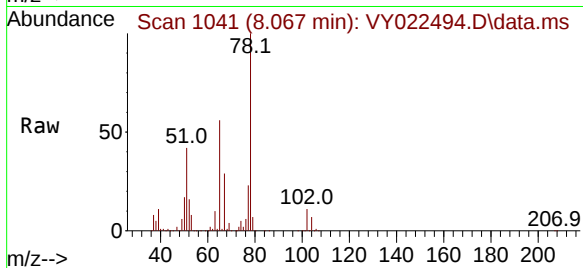
VSTDICCC050

Tgt Ion: 65 Resp: 124098

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

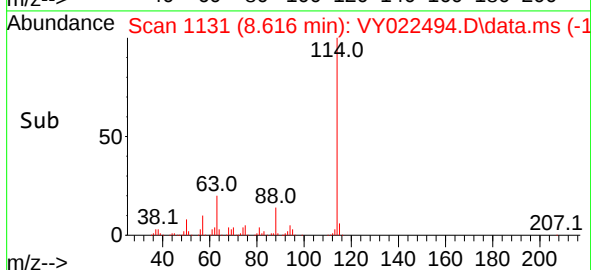
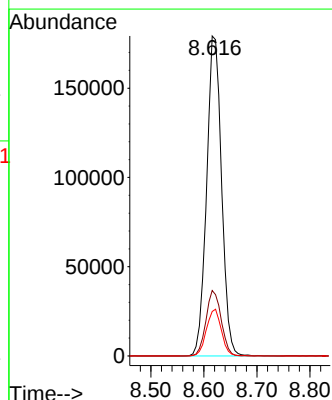
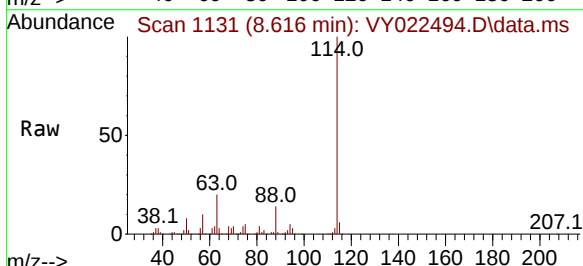
Tgt Ion: 114 Resp: 350947

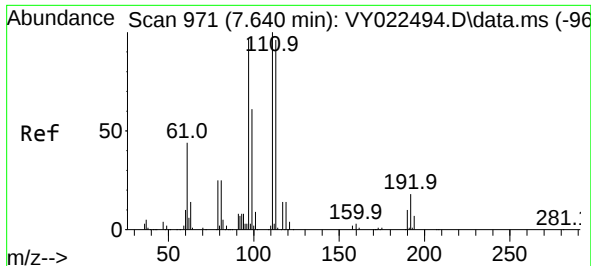
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 13.9 0.0 27.8

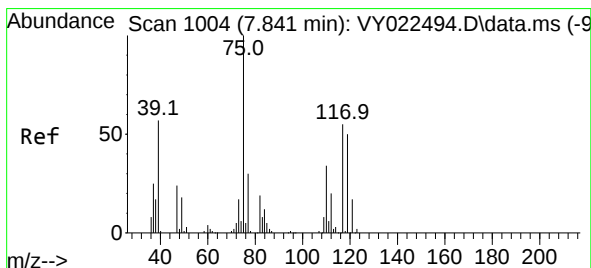
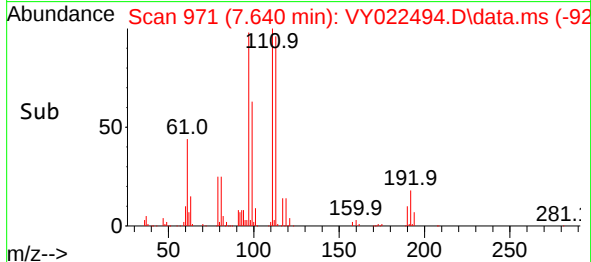
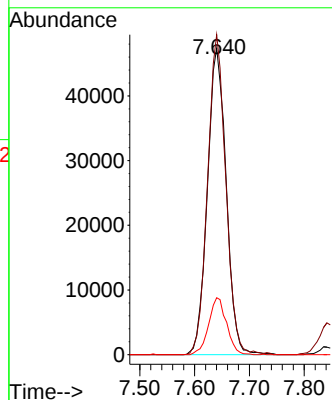
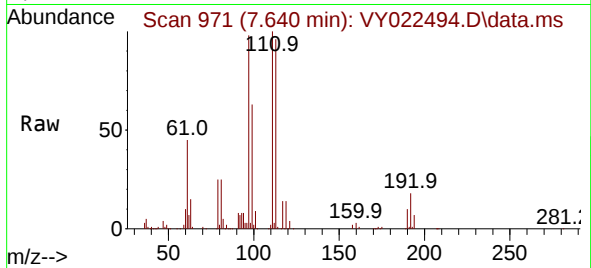




#35  
Dibromofluoromethane  
Concen: 54.514 ug/l  
RT: 7.640 min Scan# 971  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

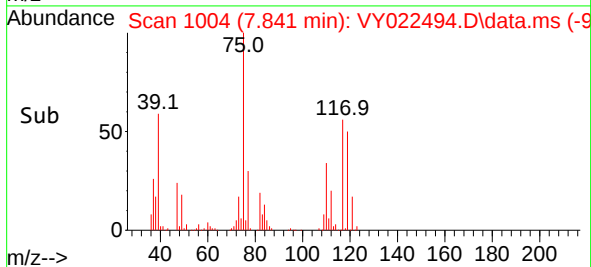
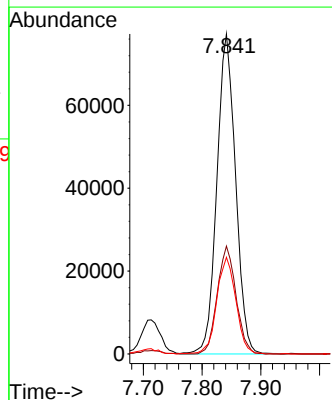
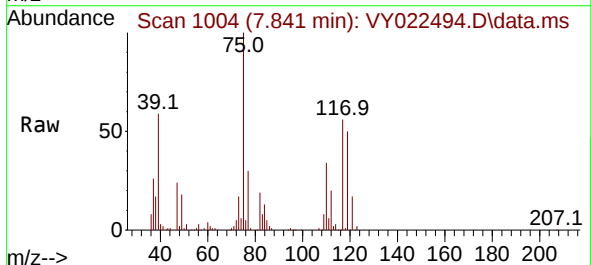
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

Tgt Ion:113 Resp: 112624  
Ion Ratio Lower Upper  
113 100  
111 101.4 81.1 121.7  
192 17.7 14.2 21.2



#36  
1,1-Dichloropropene  
Concen: 51.116 ug/l  
RT: 7.841 min Scan# 1004  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

Tgt Ion: 75 Resp: 170708  
Ion Ratio Lower Upper  
75 100  
110 33.8 16.9 50.7  
77 31.0 24.8 37.2





#37

Ethyl Acetate

Concen: 54.721 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

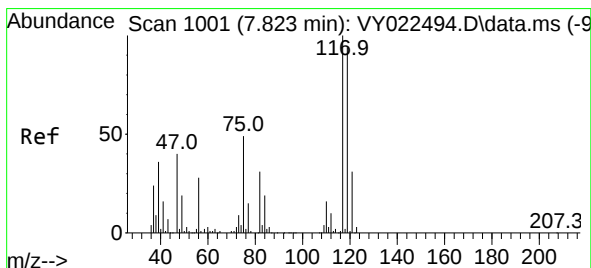
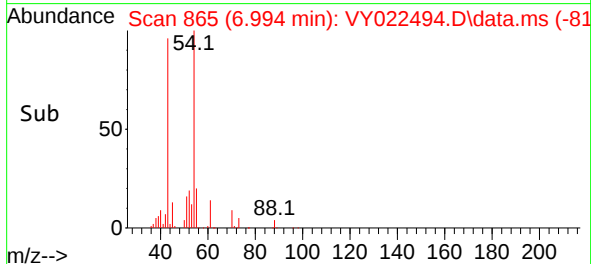
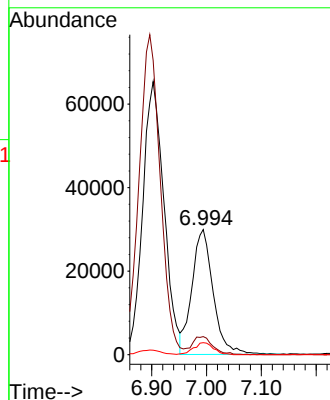
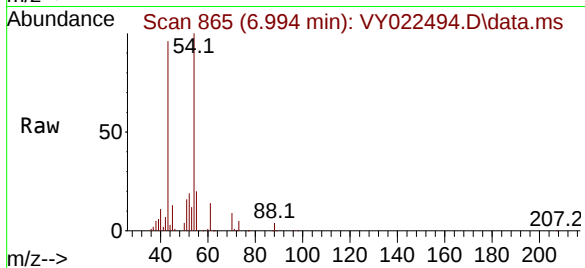
Tgt Ion: 43 Resp: 80426

Ion Ratio Lower Upper

43 100

61 14.4 11.5 17.3

70 9.0 7.2 10.8



#38

Carbon Tetrachloride

Concen: 51.787 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

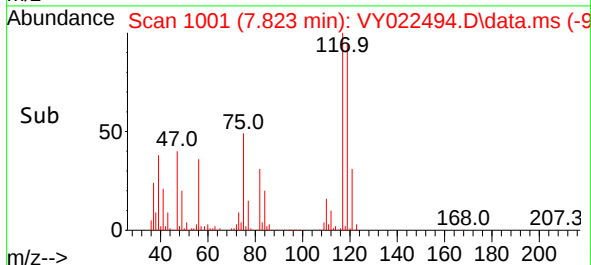
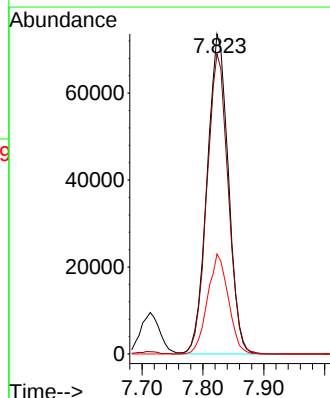
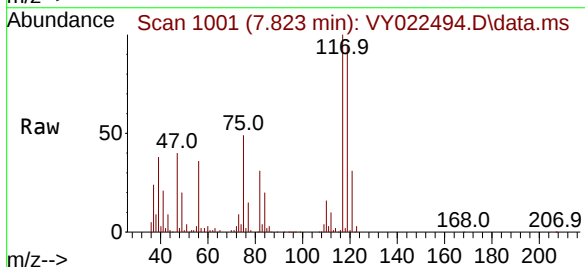
Tgt Ion: 117 Resp: 178292

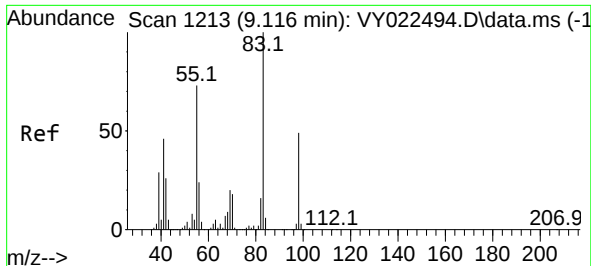
Ion Ratio Lower Upper

117 100

119 93.8 75.0 112.6

121 31.2 25.0 37.4





#39

Methylcyclohexane

Concen: 51.100 ug/l

RT: 9.116 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

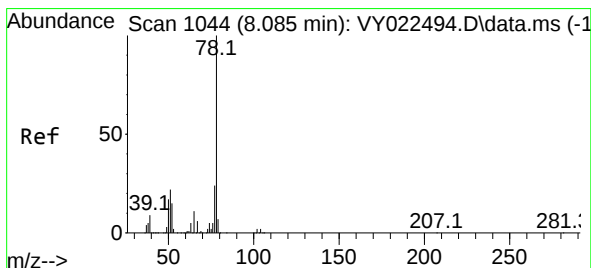
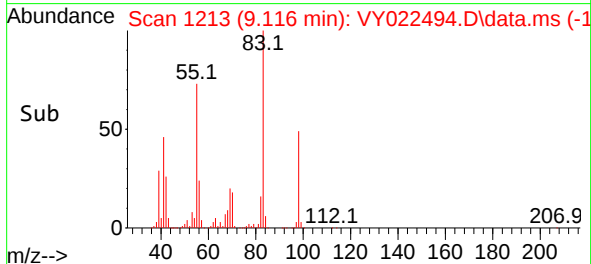
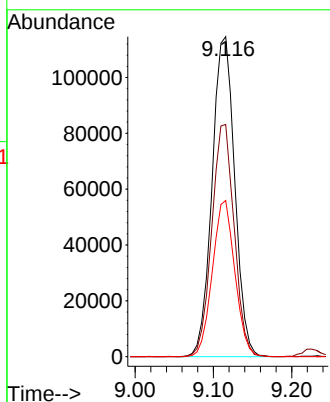
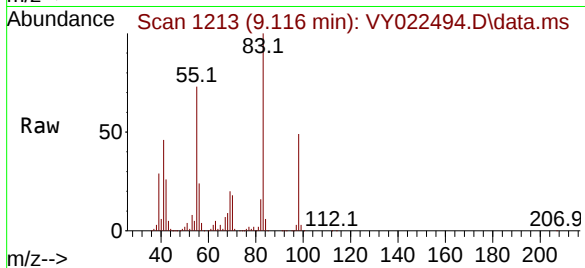
Tgt Ion: 83 Resp: 230536

Ion Ratio Lower Upper

83 100

55 72.6 58.1 87.1

98 48.8 39.0 58.6



#40

Benzene

Concen: 51.376 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY022494.D

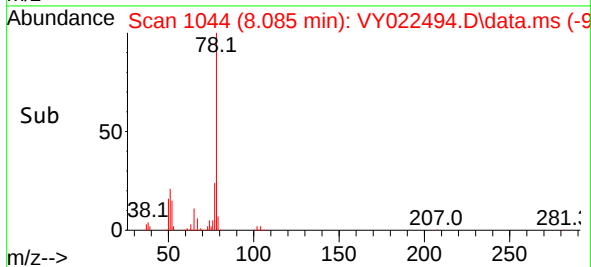
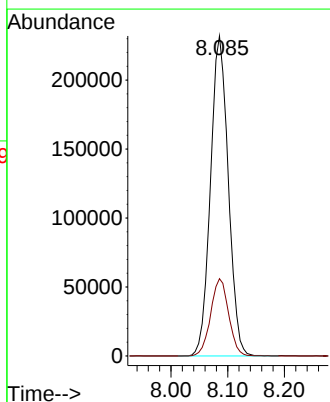
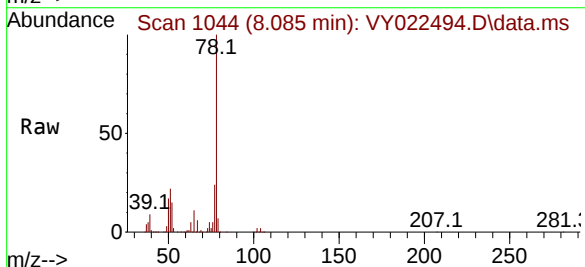
Acq: 02 Jun 2025 12:54

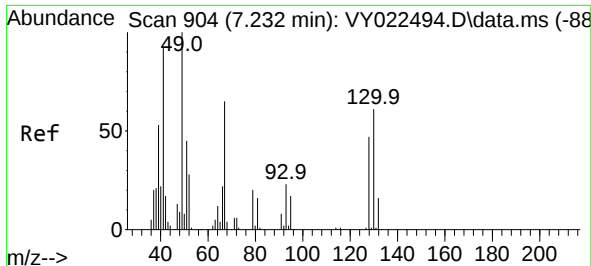
Tgt Ion: 78 Resp: 505749

Ion Ratio Lower Upper

78 100

77 24.1 19.3 28.9

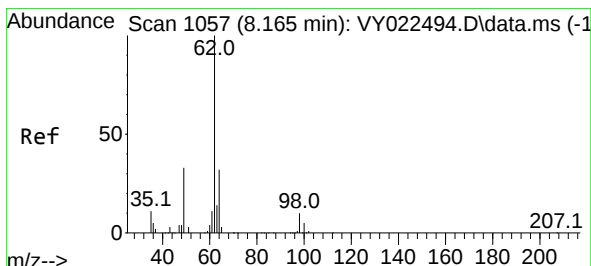
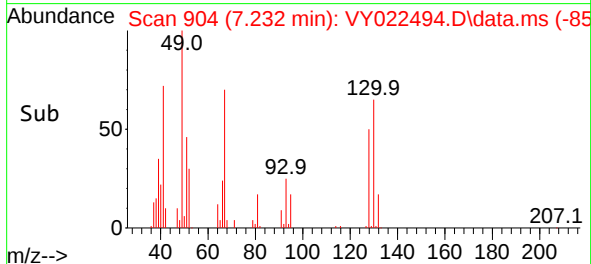
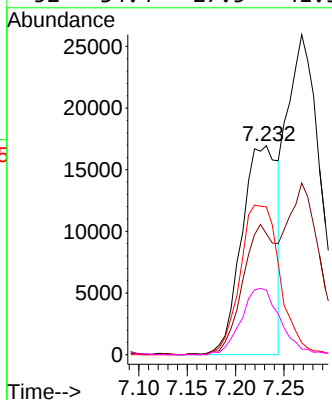
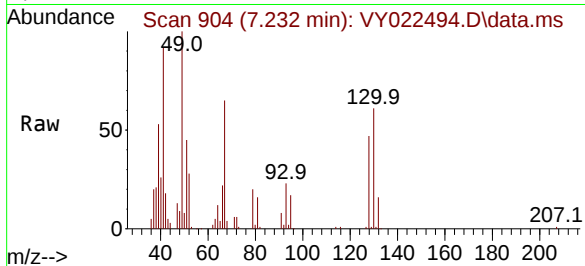




#41  
Methacrylonitrile  
Concen: 46.342 ug/l  
RT: 7.232 min Scan# 904  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

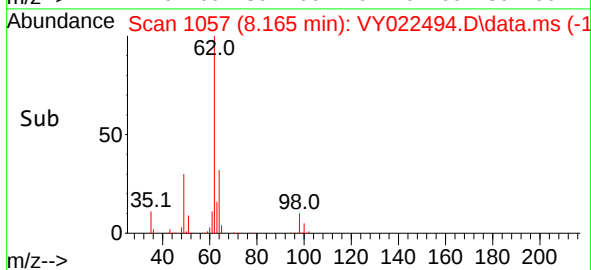
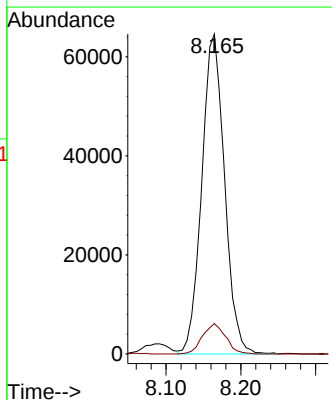
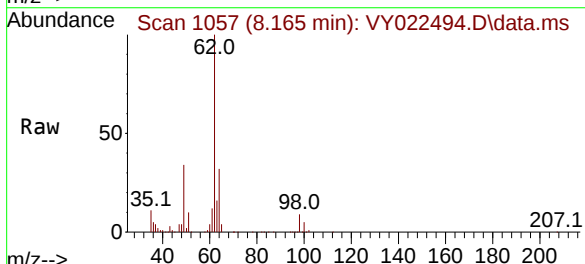
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

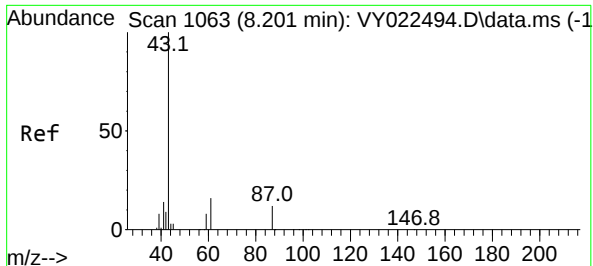
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 43865 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 58.2  | 46.6  | 69.8  |
| 67       | 79.1  | 63.3  | 94.9  |
| 52       | 34.4  | 27.5  | 41.3  |



#42  
1,2-Dichloroethane  
Concen: 51.114 ug/l  
RT: 8.165 min Scan# 1057  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 136876 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.6   | 0.0   | 19.2   |

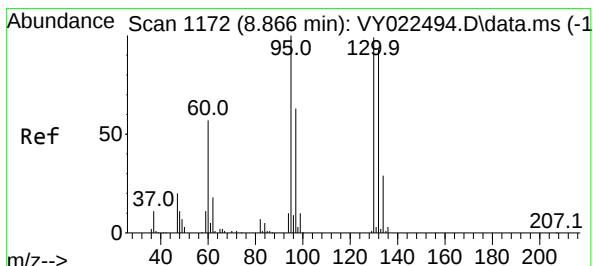
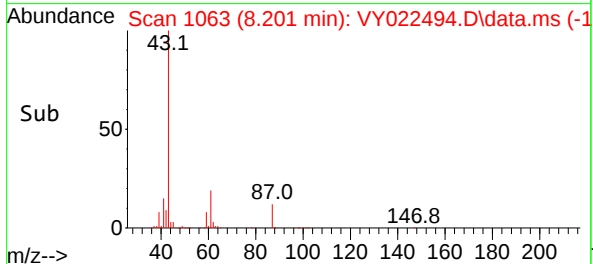
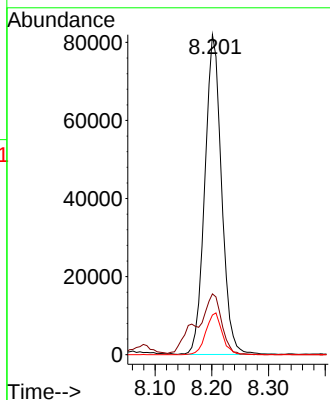
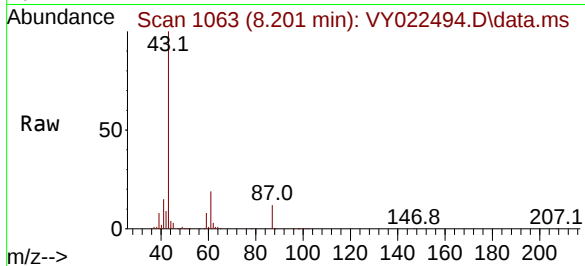




#43  
Isopropyl Acetate  
Concen: 52.237 ug/l  
RT: 8.201 min Scan# 1063  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

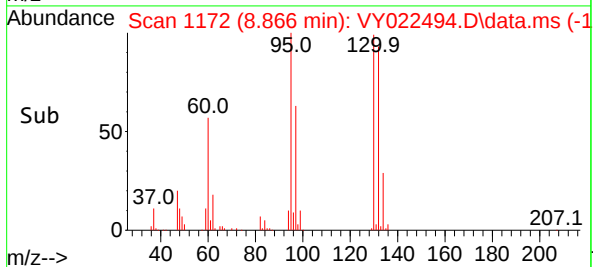
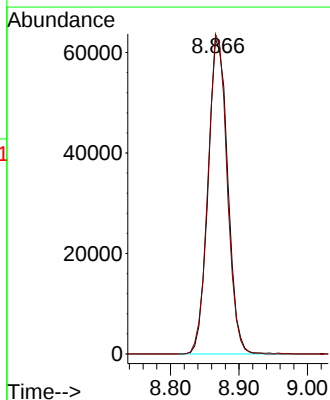
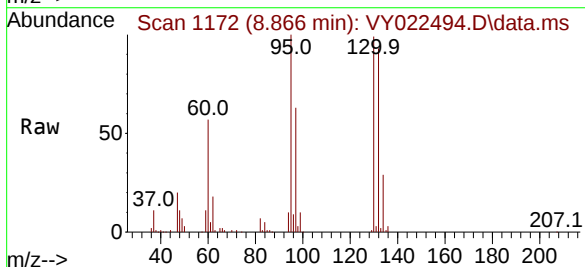
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

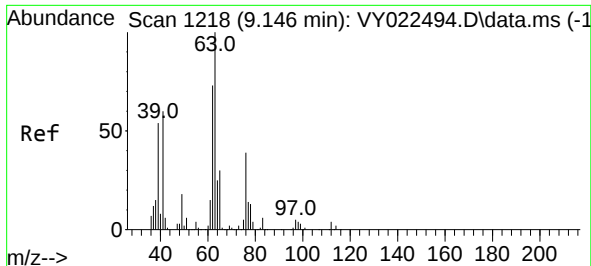
Tgt Ion: 43 Resp: 167771  
Ion Ratio Lower Upper  
43 100  
61 19.5 15.6 23.4  
87 12.8 10.2 15.4



#44  
Trichloroethene  
Concen: 51.843 ug/l  
RT: 8.866 min Scan# 1172  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

Tgt Ion:130 Resp: 124670  
Ion Ratio Lower Upper  
130 100  
95 101.5 0.0 203.0





#45

1,2-Dichloropropane

Concen: 51.415 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA\_Y

ClientSampleId :

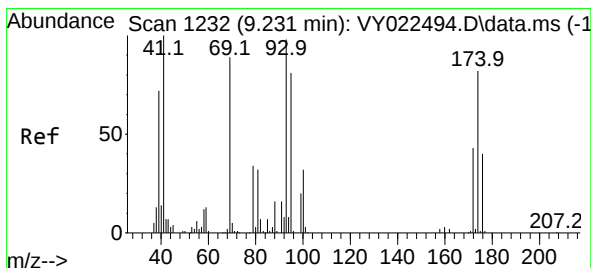
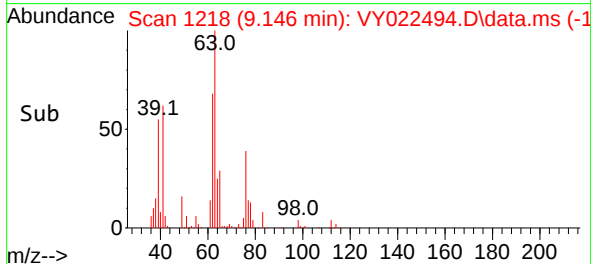
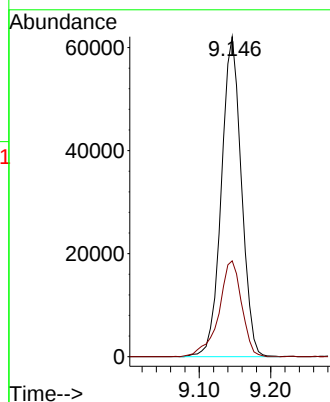
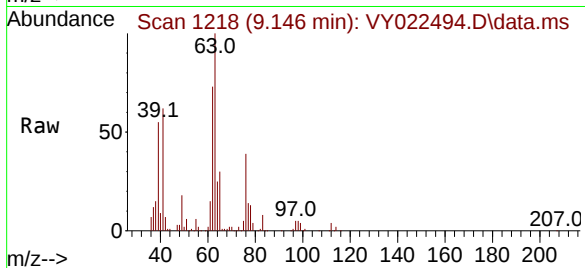
VSTDICCC050

Tgt Ion: 63 Resp: 120660

Ion Ratio Lower Upper

63 100

65 30.0 24.0 36.0



#46

Dibromomethane

Concen: 51.485 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

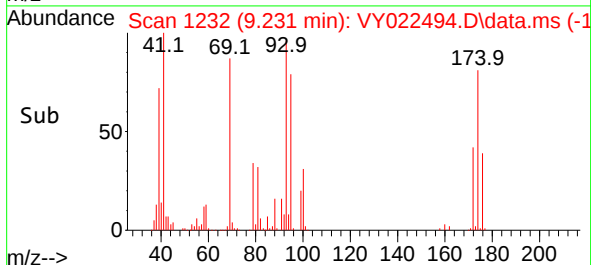
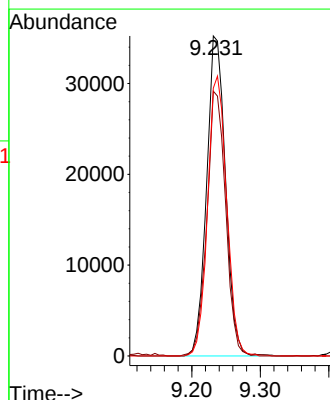
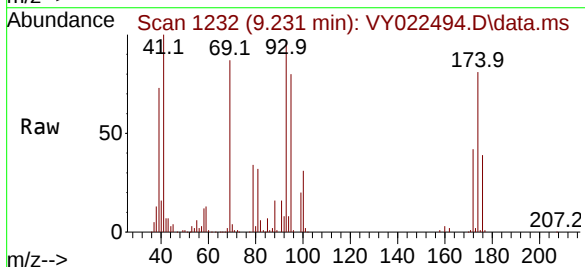
Tgt Ion: 93 Resp: 67690

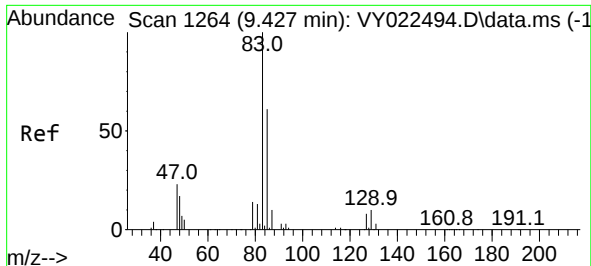
Ion Ratio Lower Upper

93 100

95 82.0 65.6 98.4

174 88.0 70.4 105.6

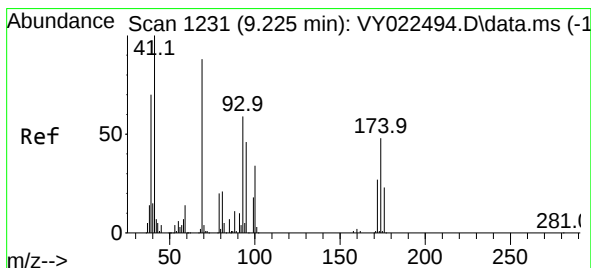
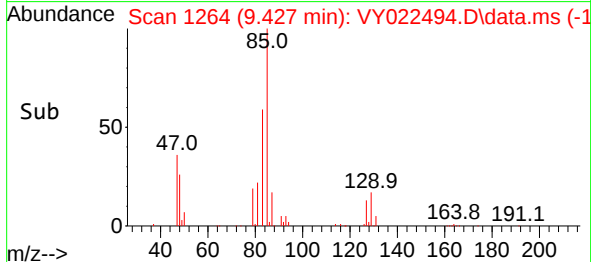
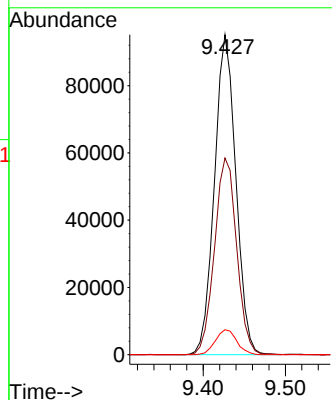
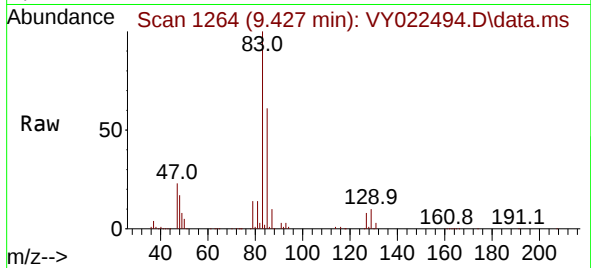




#47  
Bromodichloromethane  
Concen: 51.664 ug/l  
RT: 9.427 min Scan# 1264  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

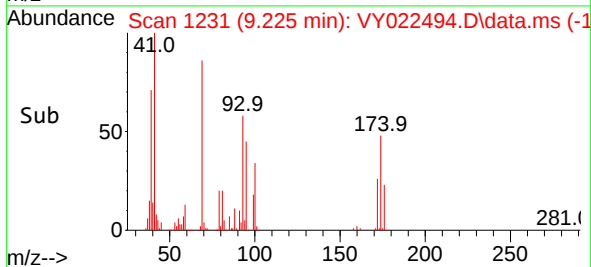
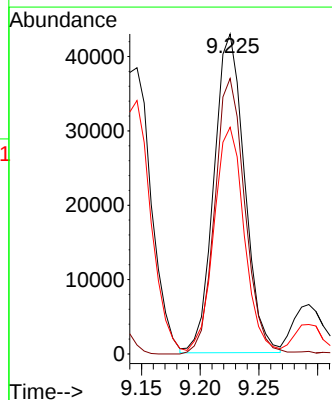
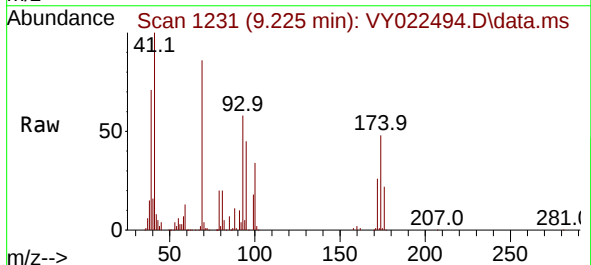
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

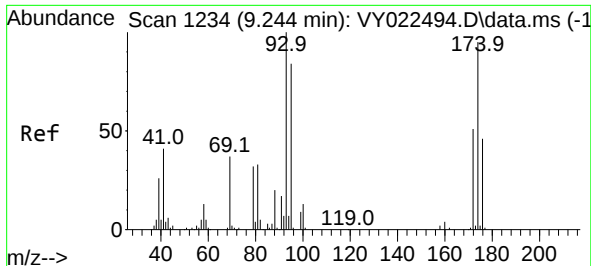
Tgt Ion: 83 Resp: 172341  
Ion Ratio Lower Upper  
83 100  
85 61.4 49.1 73.7  
127 7.8 6.2 9.4



#48  
Methyl methacrylate  
Concen: 52.963 ug/l  
RT: 9.225 min Scan# 1231  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

Tgt Ion: 41 Resp: 77885  
Ion Ratio Lower Upper  
41 100  
69 84.8 67.8 101.8  
39 68.7 55.0 82.4

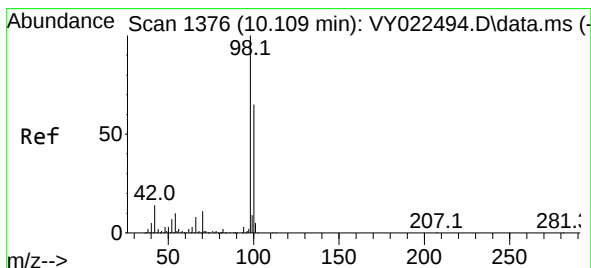
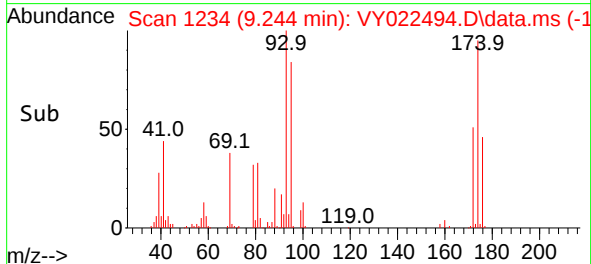
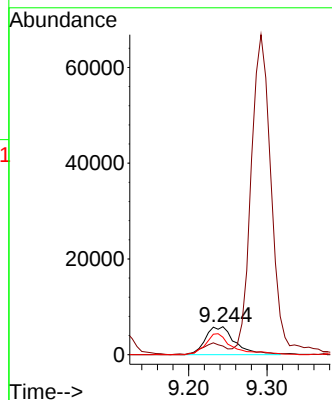
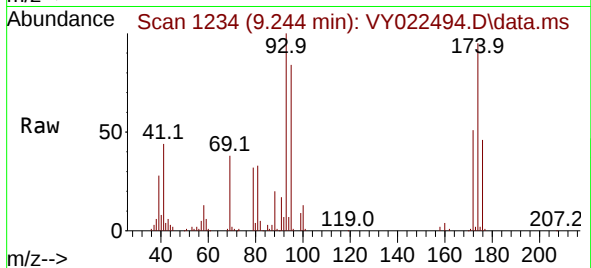




#49  
1,4-Dioxane  
Concen: 977.637 ug/l  
RT: 9.244 min Scan# 1234  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

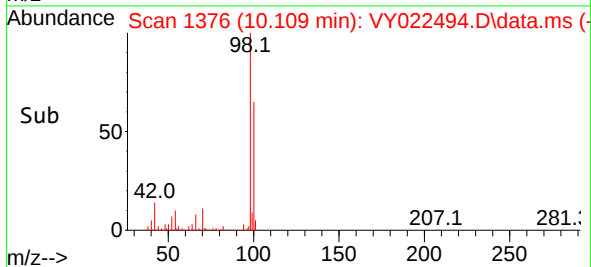
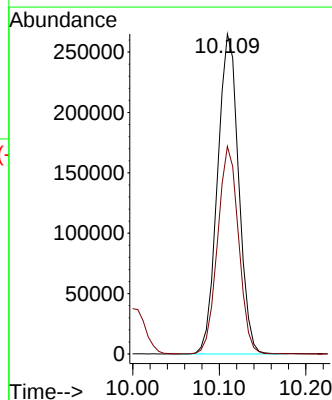
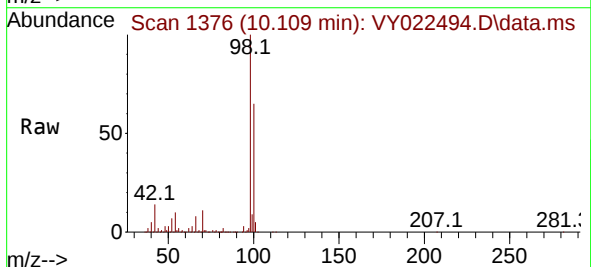
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

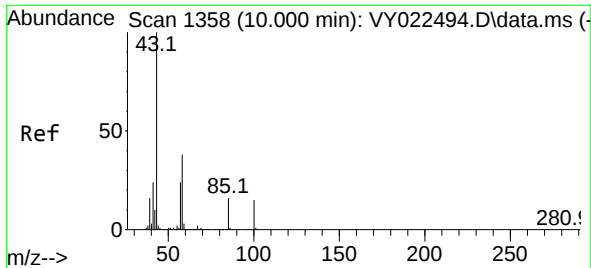
Tgt Ion: 88 Resp: 15334  
Ion Ratio Lower Upper  
88 100  
43 31.8 25.4 38.2  
58 68.6 54.9 82.3



#50  
Toluene-d8  
Concen: 53.734 ug/l  
RT: 10.109 min Scan# 1376  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

Tgt Ion: 98 Resp: 448690  
Ion Ratio Lower Upper  
98 100  
100 64.2 51.4 77.0

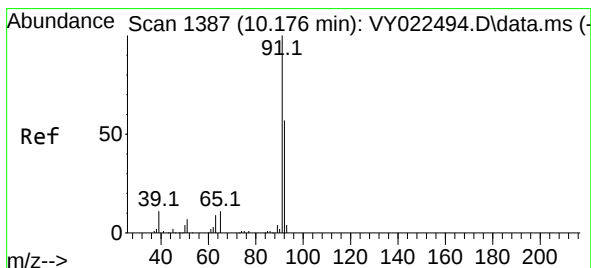
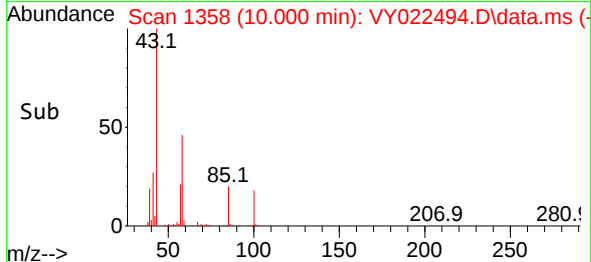
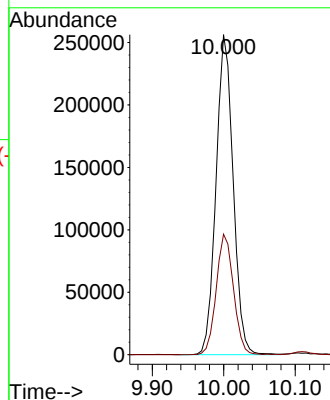
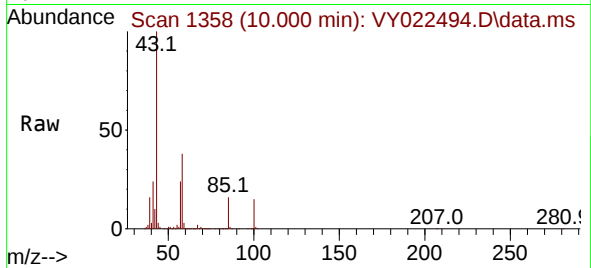




#51  
4-Methyl-2-Pentanone  
Concen: 267.154 ug/l  
RT: 10.000 min Scan# 1358  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

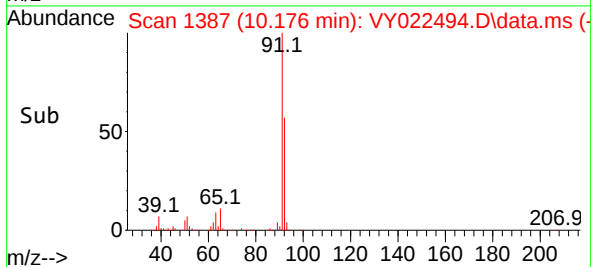
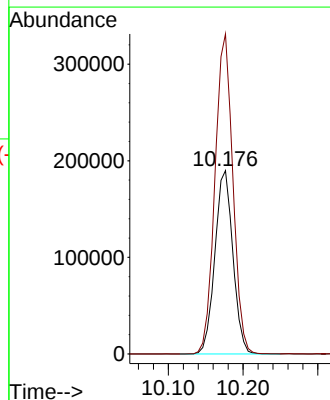
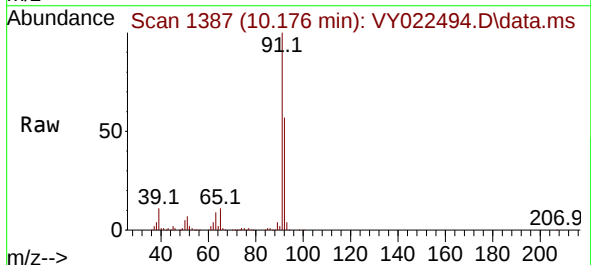
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

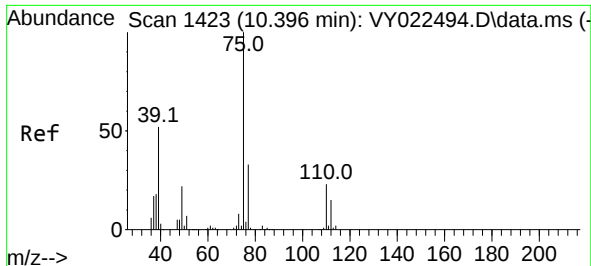
Tgt Ion: 43 Resp: 425868  
Ion Ratio Lower Upper  
43 100  
58 38.0 30.4 45.6



#52  
Toluene  
Concen: 51.213 ug/l  
RT: 10.176 min Scan# 1387  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

Tgt Ion: 92 Resp: 316972  
Ion Ratio Lower Upper  
92 100  
91 173.7 139.0 208.4

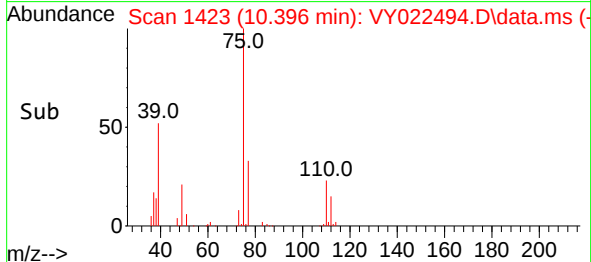
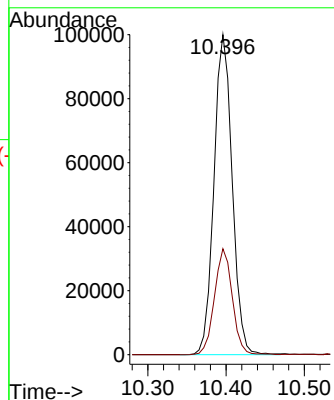
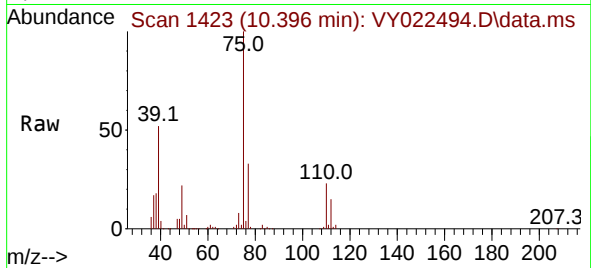




#53  
 t-1,3-Dichloropropene  
 Concen: 52.450 ug/l  
 RT: 10.396 min Scan# 1423  
 Delta R.T. 0.000 min  
 Lab File: VY022494.D  
 Acq: 02 Jun 2025 12:54

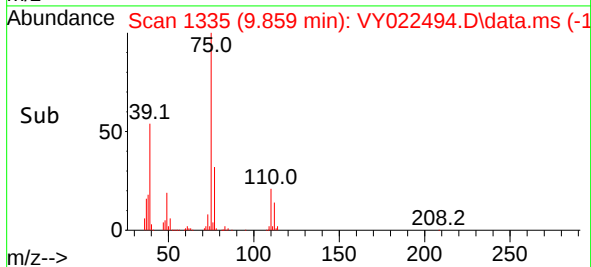
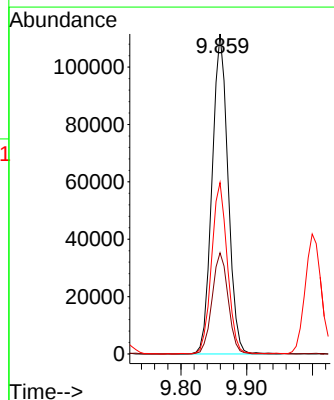
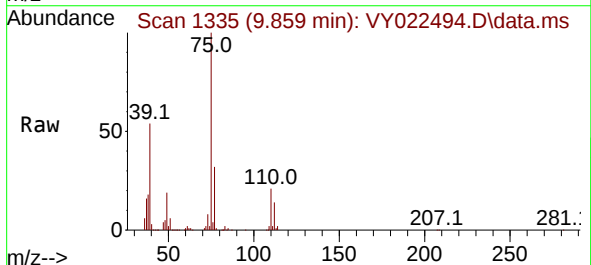
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

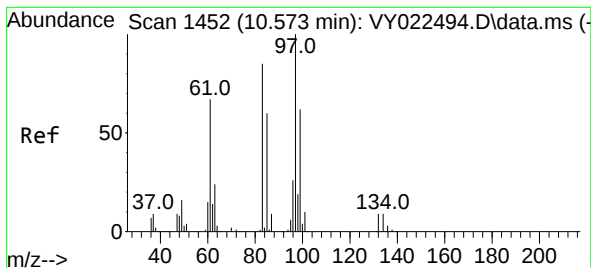
Tgt Ion: 75 Resp: 161859  
 Ion Ratio Lower Upper  
 75 100  
 77 33.1 26.5 39.7



#54  
 cis-1,3-Dichloropropene  
 Concen: 52.108 ug/l  
 RT: 9.859 min Scan# 1335  
 Delta R.T. 0.000 min  
 Lab File: VY022494.D  
 Acq: 02 Jun 2025 12:54

Tgt Ion: 75 Resp: 188559  
 Ion Ratio Lower Upper  
 75 100  
 77 31.6 25.3 37.9  
 39 53.4 42.7 64.1

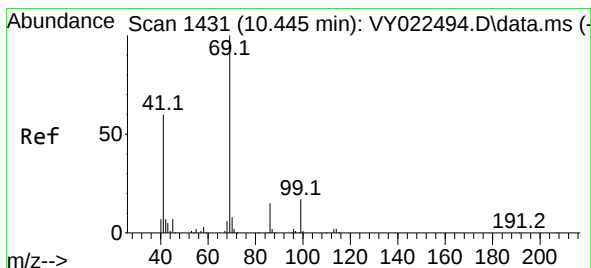
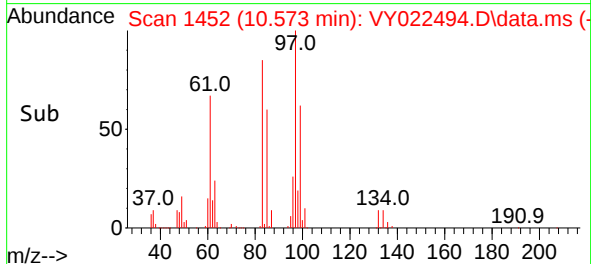
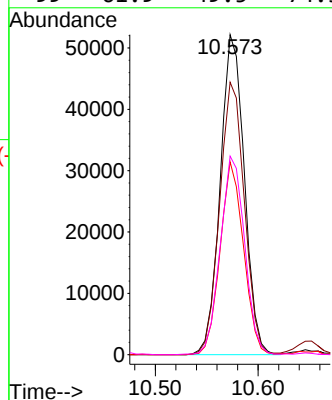
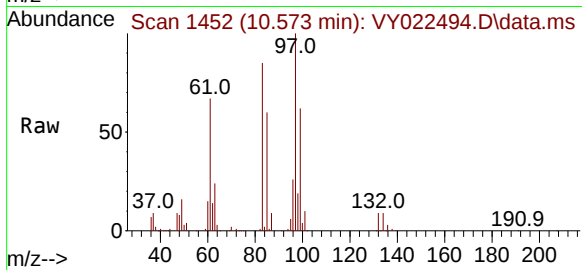




#55  
1,1,2-Trichloroethane  
Concen: 51.209 ug/l  
RT: 10.573 min Scan# 1452  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

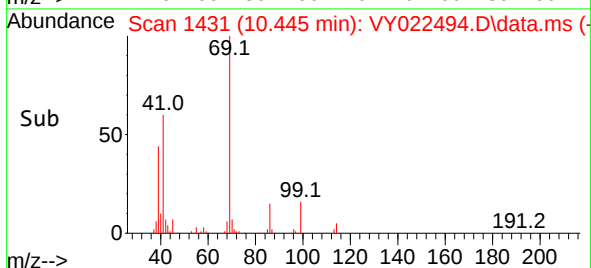
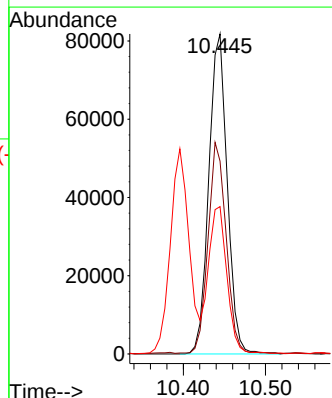
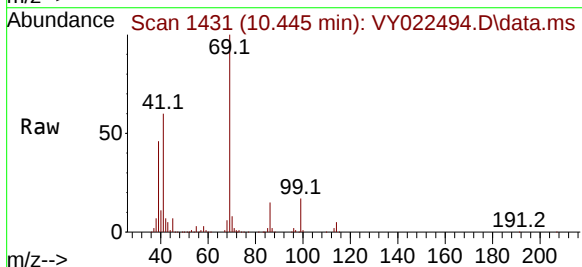
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

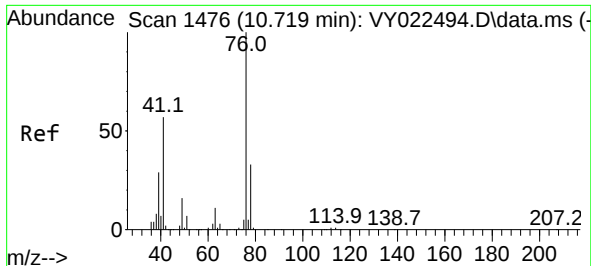
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 84788 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.1  | 68.1  | 102.1 |
| 85       | 60.2  | 48.2  | 72.2  |
| 99       | 61.9  | 49.5  | 74.3  |



#56  
Ethyl methacrylate  
Concen: 52.930 ug/l  
RT: 10.445 min Scan# 1431  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 127271 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 65.2  | 52.2  | 78.2   |
| 39       | 45.9  | 36.7  | 55.1   |





#57

1,3-Dichloropropane

Concen: 51.821 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA\_Y

ClientSampleId :

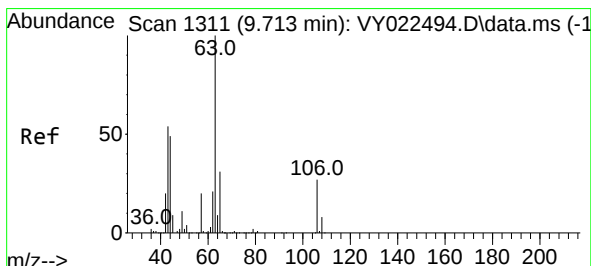
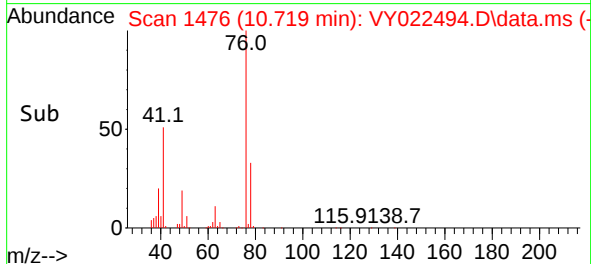
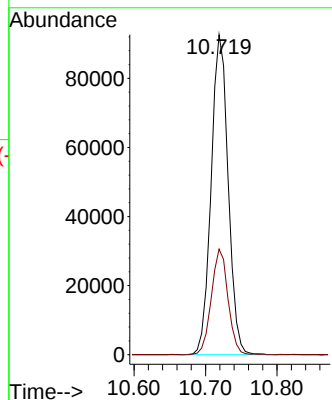
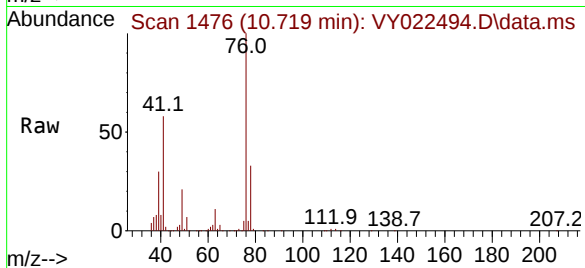
VSTDICCC050

Tgt Ion: 76 Resp: 152809

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 260.896 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY022494.D

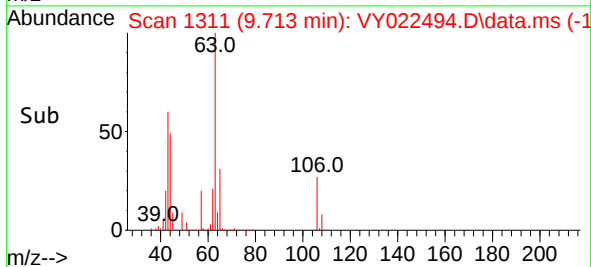
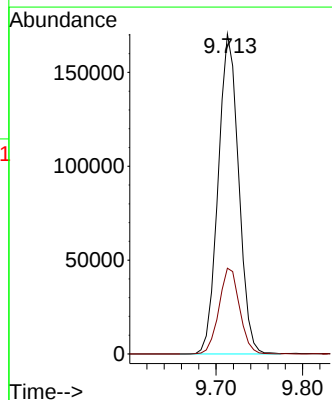
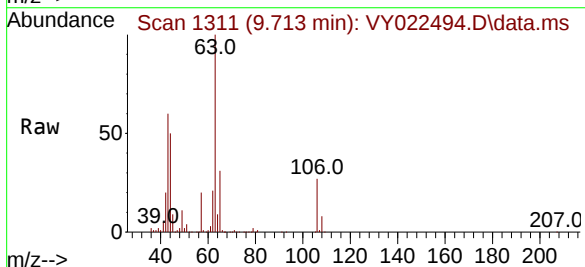
Acq: 02 Jun 2025 12:54

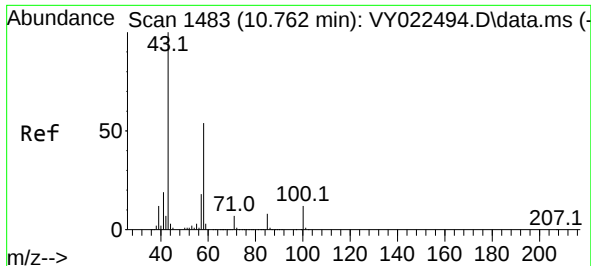
Tgt Ion: 63 Resp: 279669

Ion Ratio Lower Upper

63 100

106 27.0 21.6 32.4

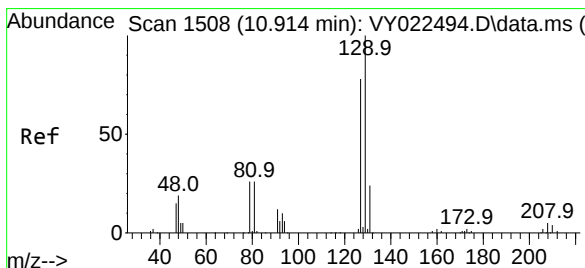
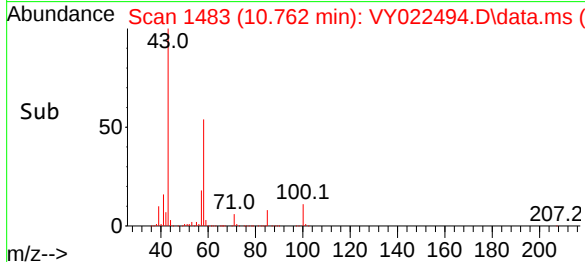
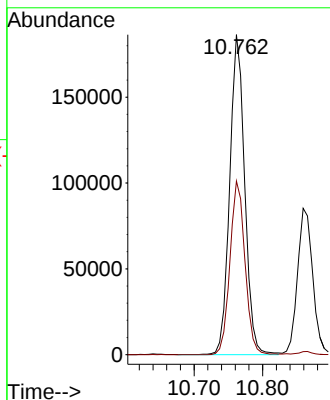
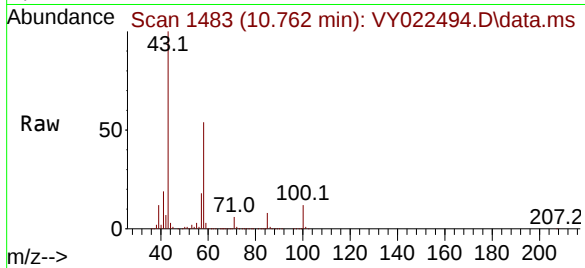




#59  
2-Hexanone  
Concen: 266.885 ug/l  
RT: 10.762 min Scan# 1483  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

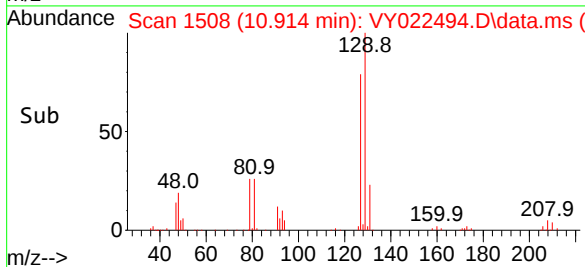
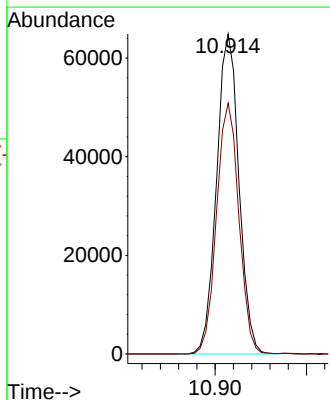
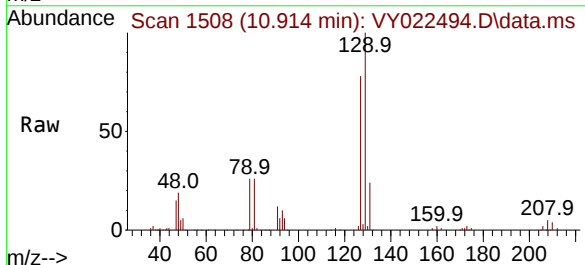
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

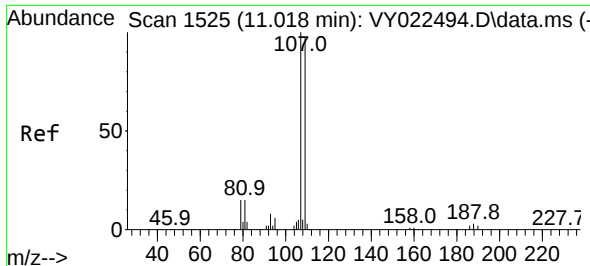
Tgt Ion: 43 Resp: 283601  
Ion Ratio Lower Upper  
43 100  
58 54.5 27.3 81.8



#60  
Dibromochloromethane  
Concen: 52.582 ug/l  
RT: 10.914 min Scan# 1508  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

Tgt Ion: 129 Resp: 110314  
Ion Ratio Lower Upper  
129 100  
127 78.1 39.1 117.2

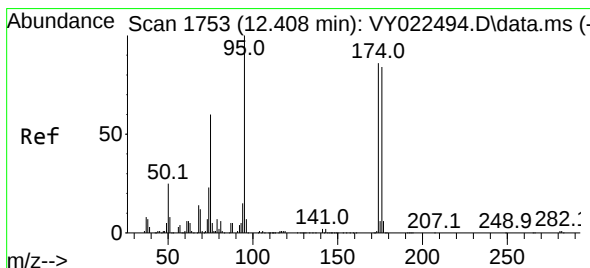
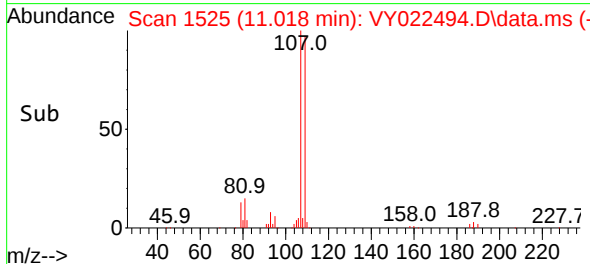
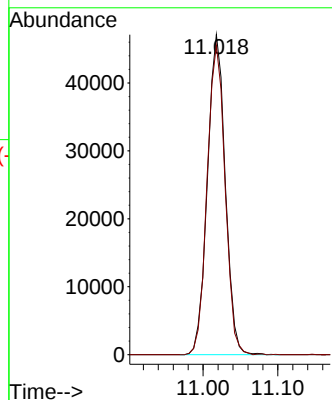
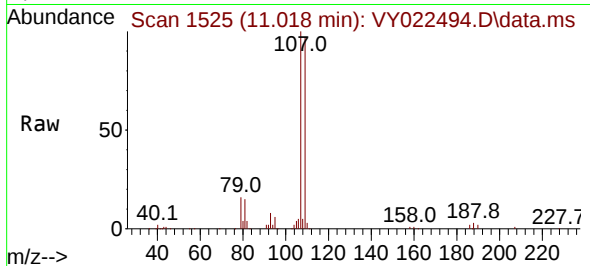




#61  
1,2-Dibromoethane  
Concen: 51.150 ug/l  
RT: 11.018 min Scan# 1525  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

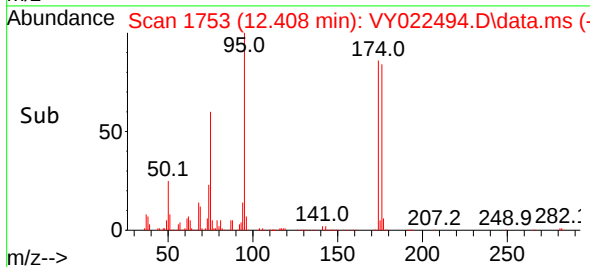
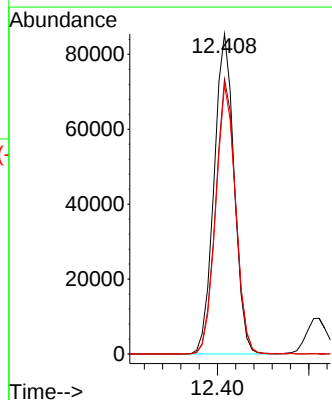
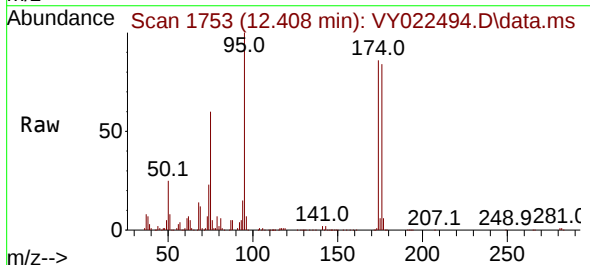
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

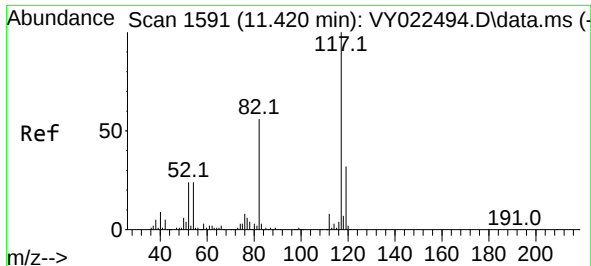
Tgt Ion:107 Resp: 78151  
Ion Ratio Lower Upper  
107 100  
109 97.1 77.7 116.5



#62  
4-Bromofluorobenzene  
Concen: 51.503 ug/l  
RT: 12.408 min Scan# 1753  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

Tgt Ion: 95 Resp: 130393  
Ion Ratio Lower Upper  
95 100  
174 85.0 0.0 170.0  
176 83.1 0.0 166.2

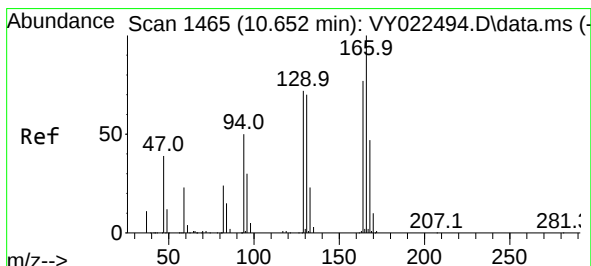
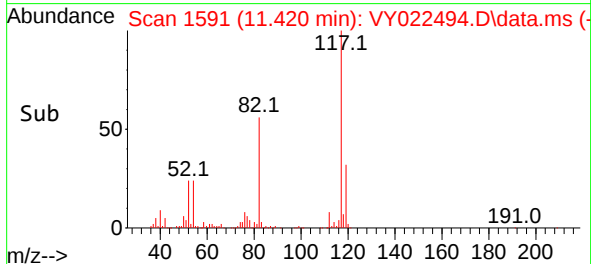
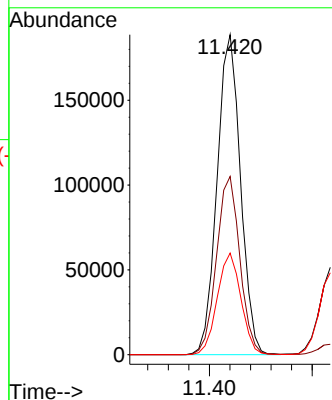
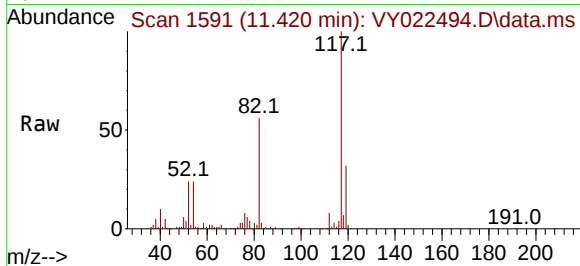




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.420 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

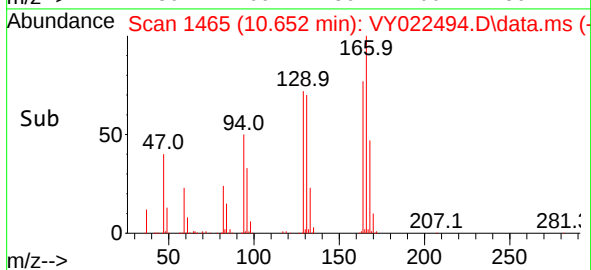
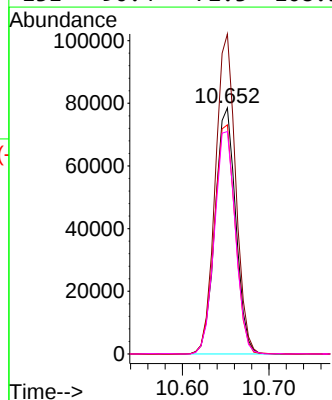
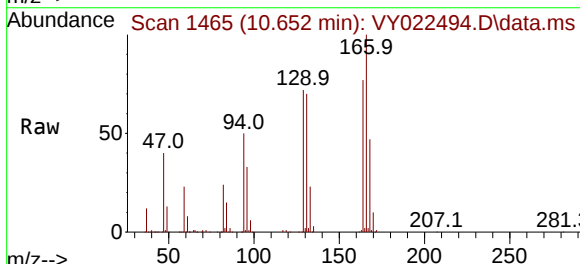
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 298187 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 55.7  | 44.6  | 66.8   |
| 119      | 31.7  | 25.4  | 38.0   |



#64  
Tetrachloroethene  
Concen: 51.367 ug/l  
RT: 10.652 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 130171 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 166      | 130.0 | 104.0 | 156.0  |
| 129      | 93.1  | 74.5  | 111.7  |
| 131      | 90.4  | 72.3  | 108.5  |

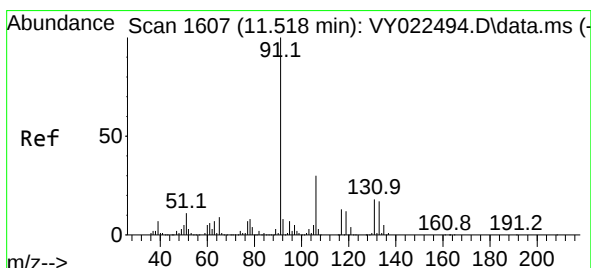
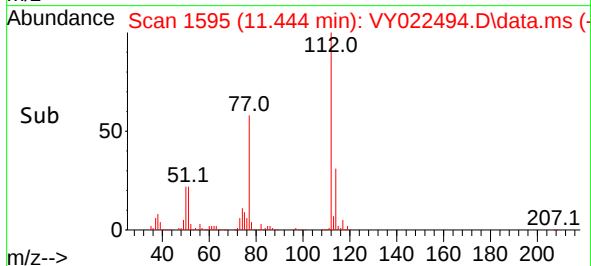
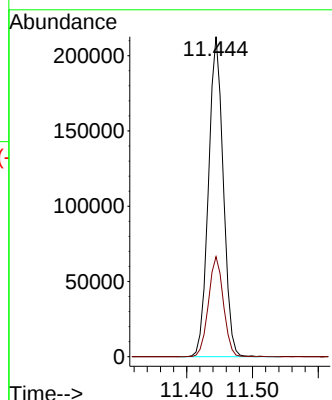
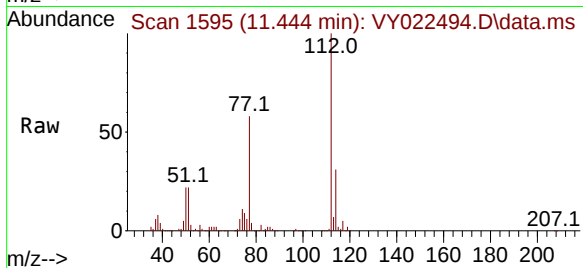




#65  
Chlorobenzene  
Concen: 51.447 ug/l  
RT: 11.444 min Scan# 1595  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

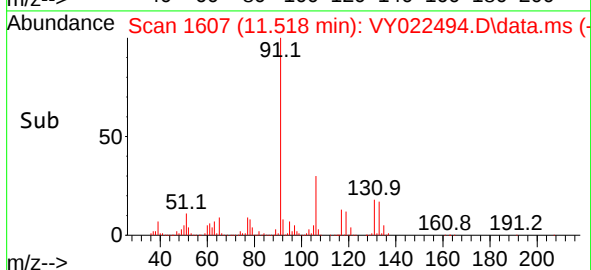
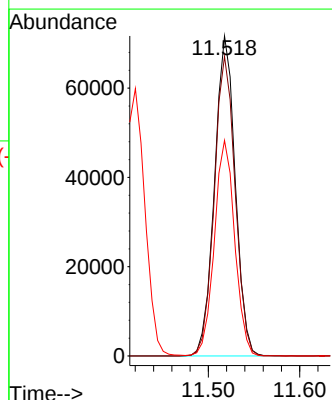
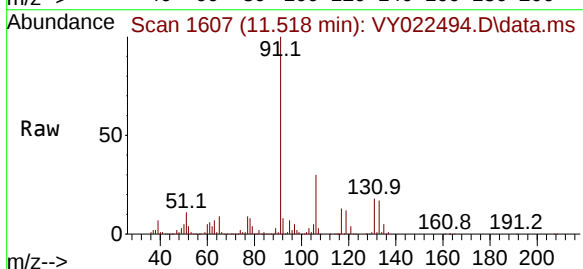
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

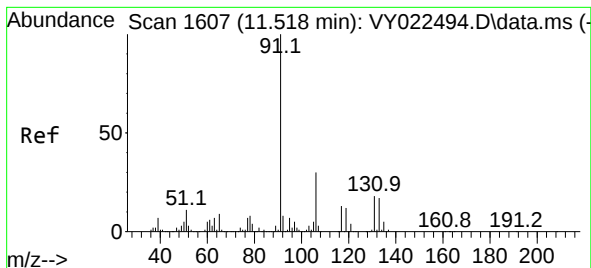
Tgt Ion:112 Resp: 332645  
Ion Ratio Lower Upper  
112 100  
114 31.3 25.0 37.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.526 ug/l  
RT: 11.518 min Scan# 1607  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

Tgt Ion:131 Resp: 112934  
Ion Ratio Lower Upper  
131 100  
133 94.5 47.3 141.8  
119 66.2 33.1 99.3





#67

Ethyl Benzene

Concen: 51.577 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA\_Y

ClientSampleId :

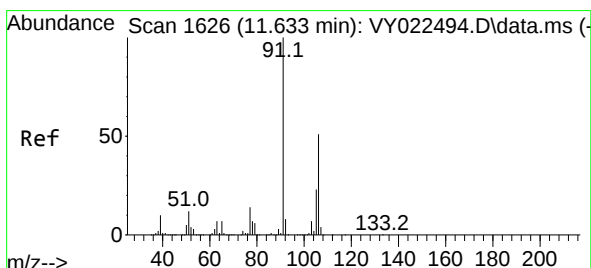
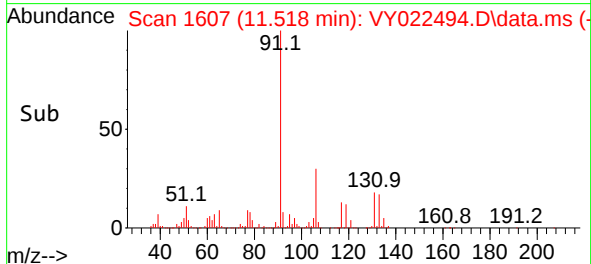
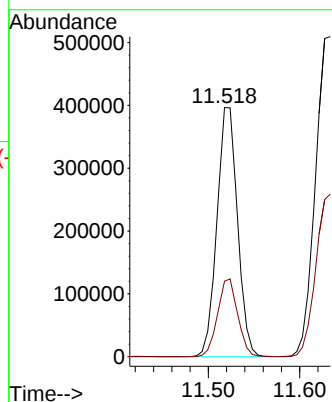
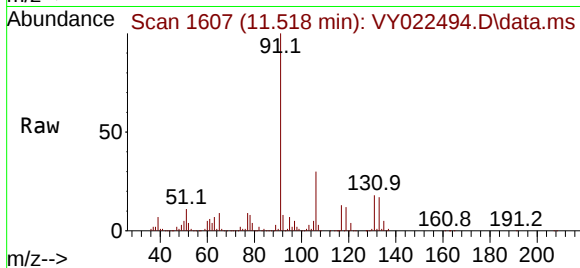
VSTDICCC050

Tgt Ion: 91 Resp: 621031

Ion Ratio Lower Upper

91 100

106 30.3 24.2 36.4



#68

m/p-Xylenes

Concen: 102.795 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY022494.D

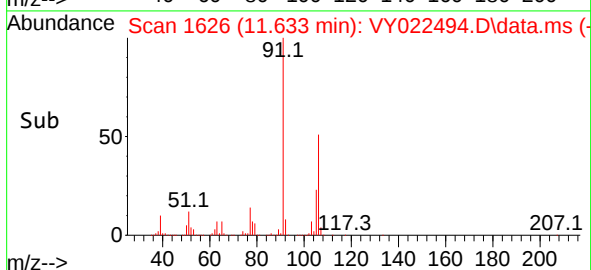
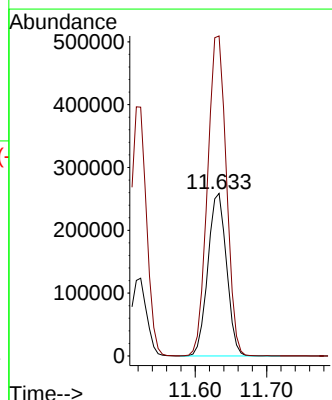
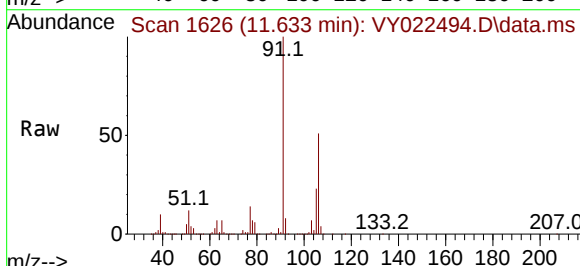
Acq: 02 Jun 2025 12:54

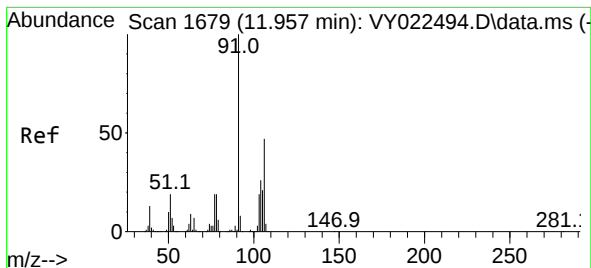
Tgt Ion: 106 Resp: 468441

Ion Ratio Lower Upper

106 100

91 199.2 159.4 239.0

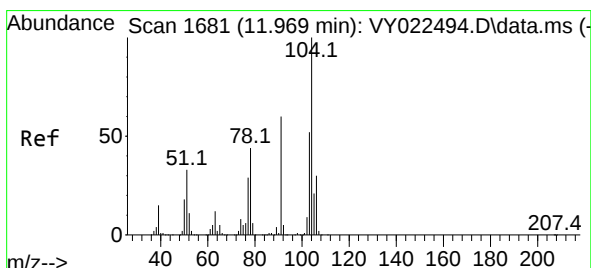
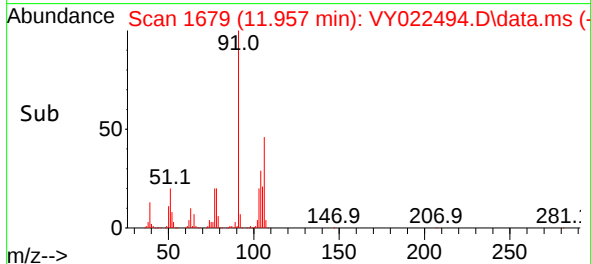
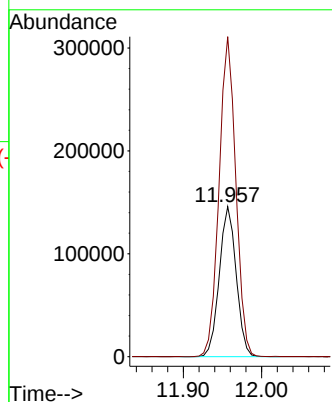
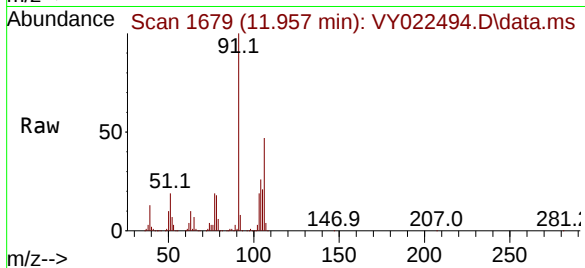




#69  
o-Xylene  
Concen: 51.293 ug/l  
RT: 11.957 min Scan# 1679  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

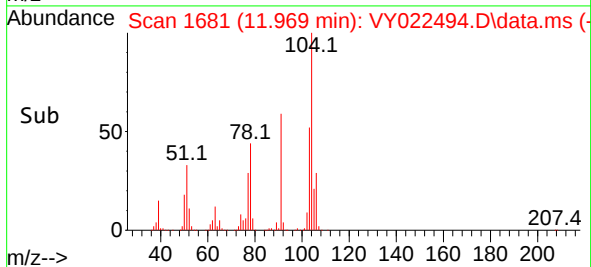
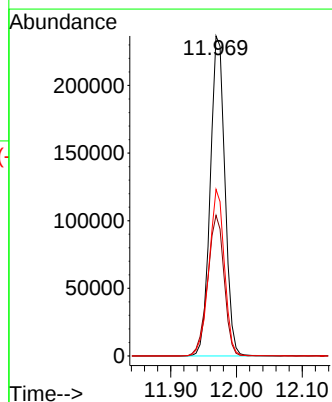
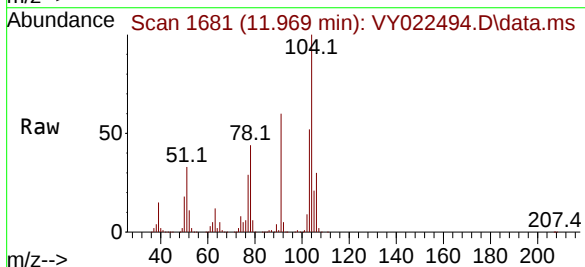
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

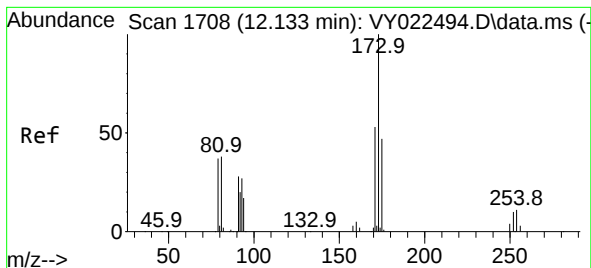
Tgt Ion:106 Resp: 218760  
Ion Ratio Lower Upper  
106 100  
91 211.5 105.8 317.3



#70  
Styrene  
Concen: 52.052 ug/l  
RT: 11.969 min Scan# 1681  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

Tgt Ion:104 Resp: 367553  
Ion Ratio Lower Upper  
104 100  
78 49.4 39.5 59.3  
103 55.1 44.1 66.1





#71

Bromoform

Concen: 51.996 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

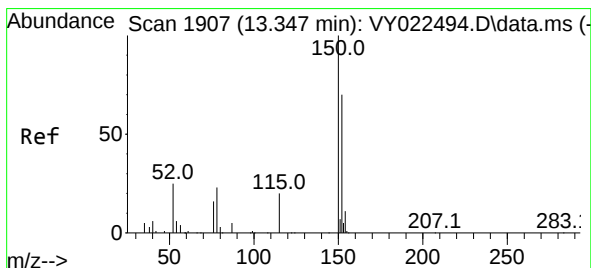
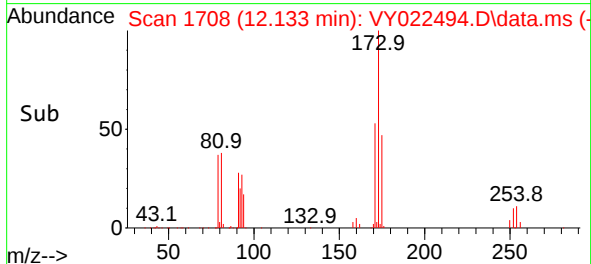
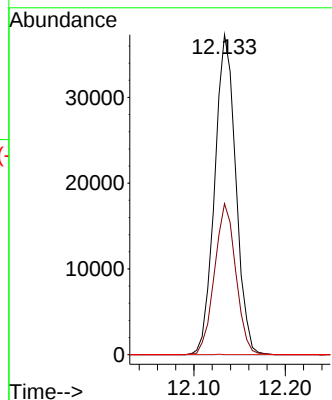
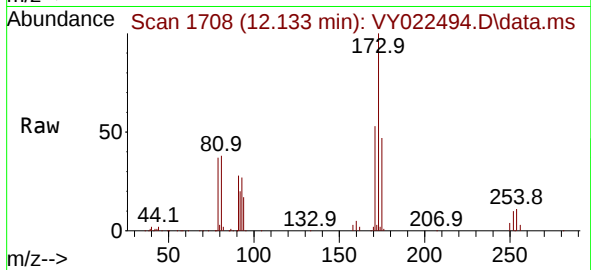
Tgt Ion:173 Resp: 59888

Ion Ratio Lower Upper

173 100

175 47.7 23.8 71.5

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

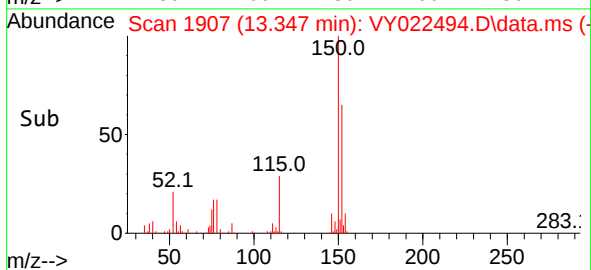
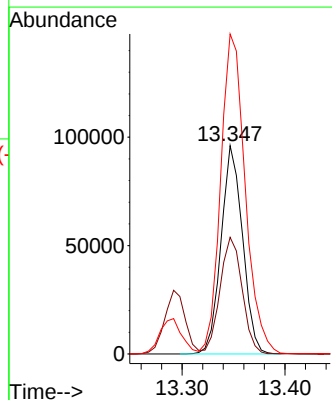
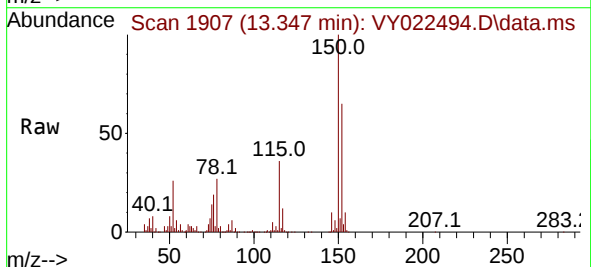
Tgt Ion:152 Resp: 139554

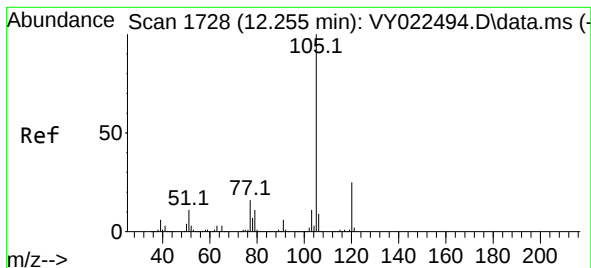
Ion Ratio Lower Upper

152 100

115 57.8 28.9 86.7

150 174.8 0.0 349.6





#73

Isopropylbenzene

Concen: 51.329 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA\_Y

ClientSampleId :

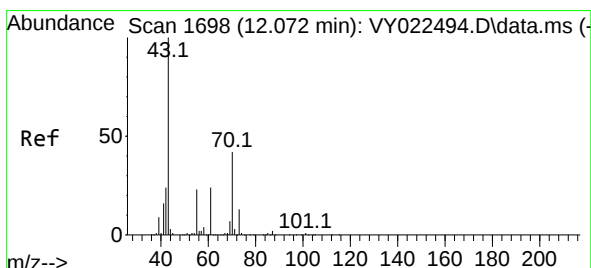
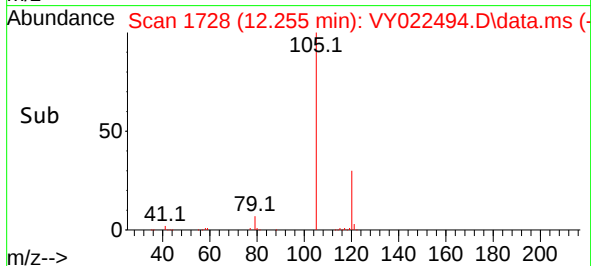
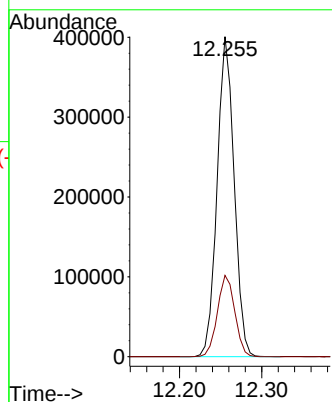
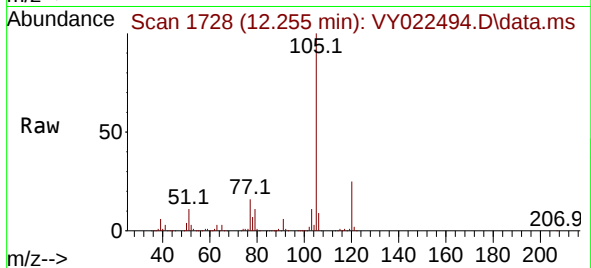
VSTDICCC050

Tgt Ion:105 Resp: 577133

Ion Ratio Lower Upper

105 100

120 25.9 13.0 38.9



#74

N-ethyl acetate

Concen: 52.627 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Tgt Ion: 43 Resp: 149637

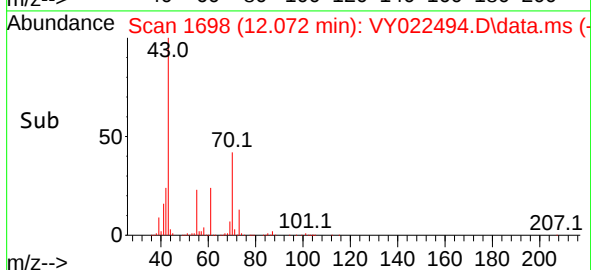
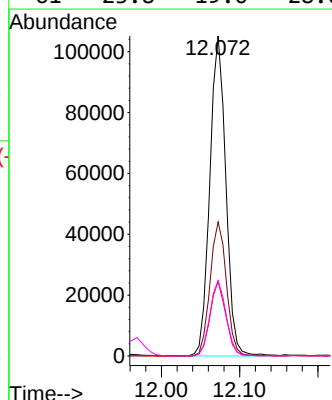
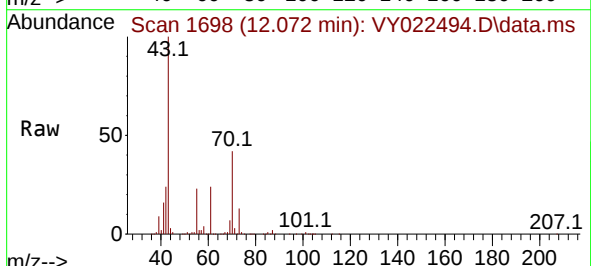
Ion Ratio Lower Upper

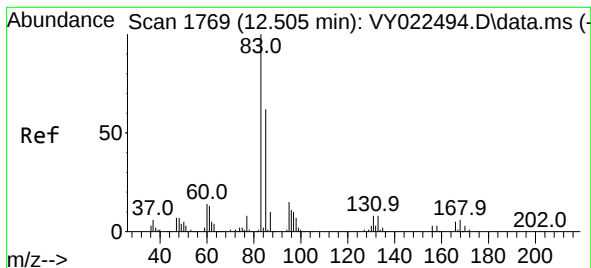
43 100

70 42.7 34.2 51.2

55 22.8 18.2 27.4

61 23.8 19.0 28.6





#75

1,1,2-Tetrachloroethane

Concen: 52.145 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

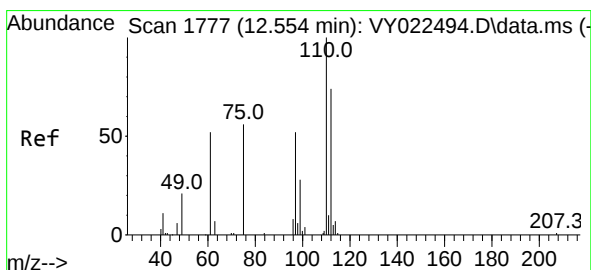
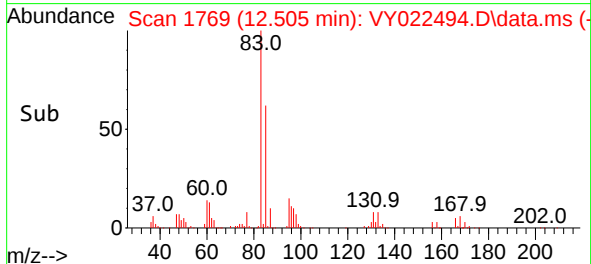
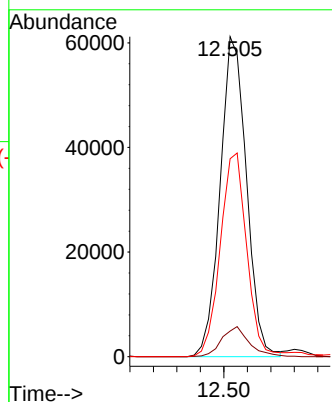
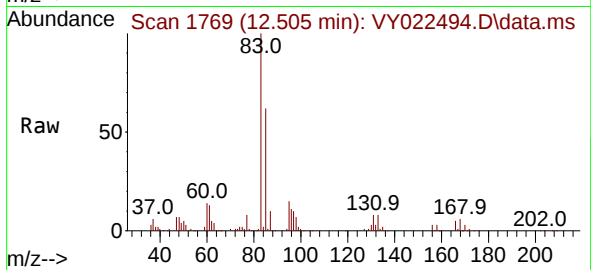
Tgt Ion: 83 Resp: 95218

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

85 65.2 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 71.836 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY022494.D

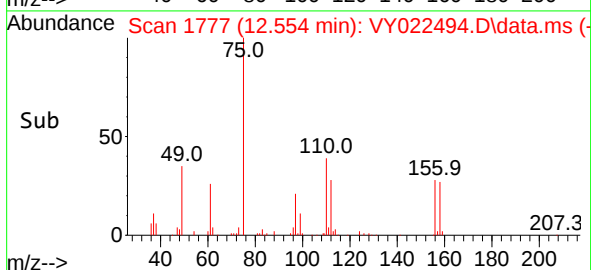
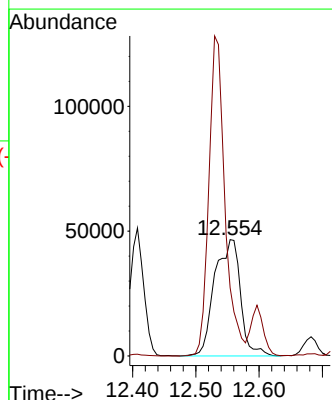
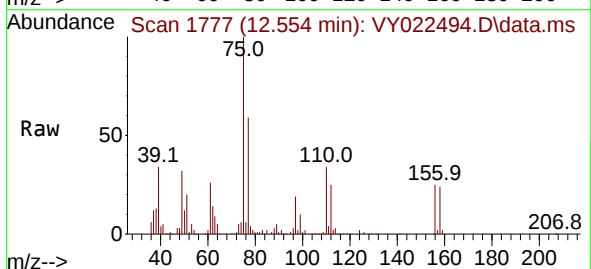
Acq: 02 Jun 2025 12:54

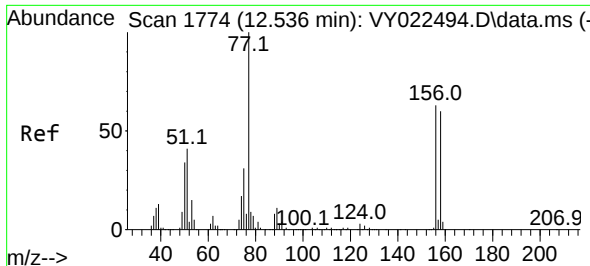
Tgt Ion: 75 Resp: 132344

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

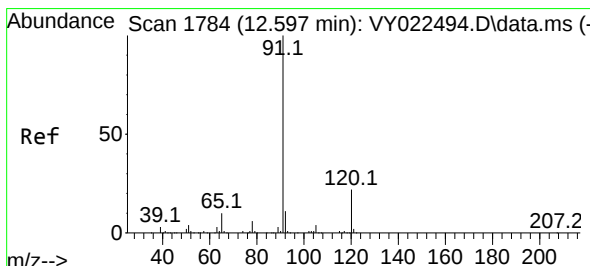
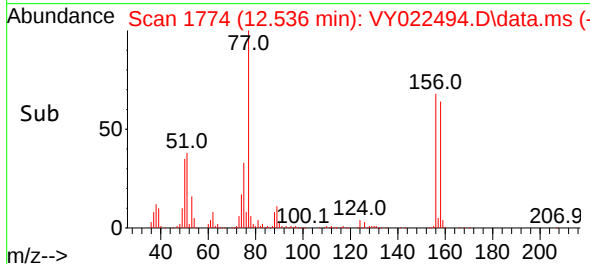
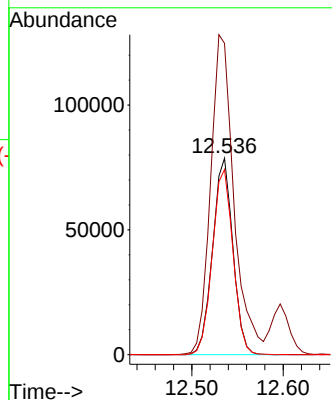
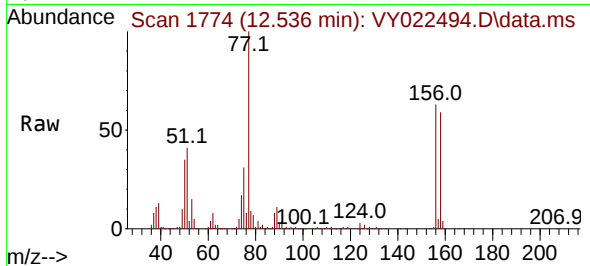




#77  
Bromobenzene  
Concen: 50.812 ug/l  
RT: 12.536 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

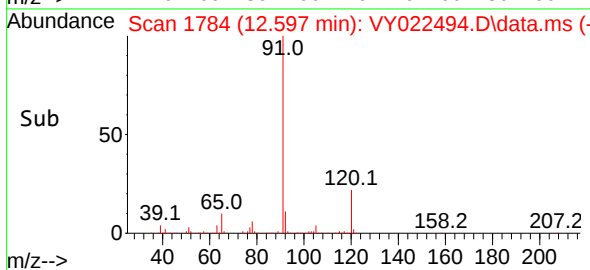
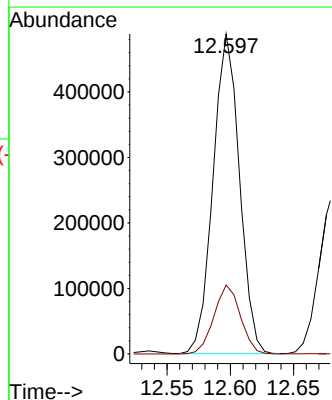
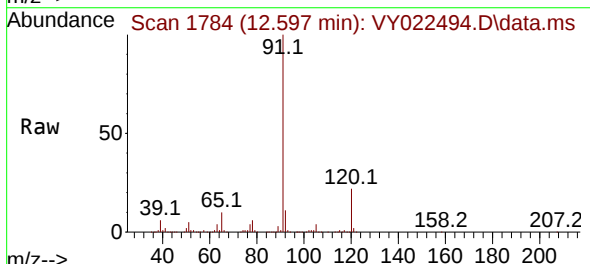
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

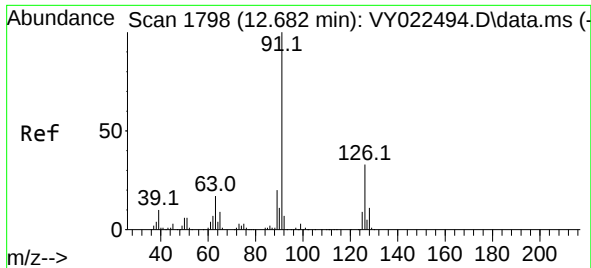
Tgt Ion:156 Resp: 121092  
Ion Ratio Lower Upper  
156 100  
77 188.1 94.0 282.1  
158 96.4 48.2 144.6



#78  
n-propylbenzene  
Concen: 51.667 ug/l  
RT: 12.597 min Scan# 1784  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

Tgt Ion: 91 Resp: 707143  
Ion Ratio Lower Upper  
91 100  
120 21.6 10.8 32.4

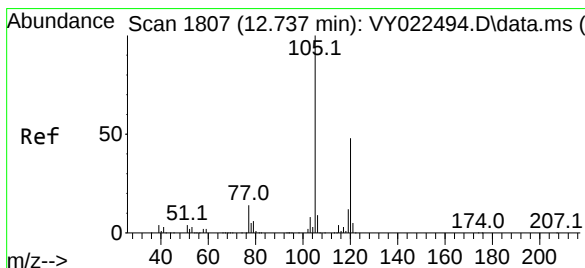
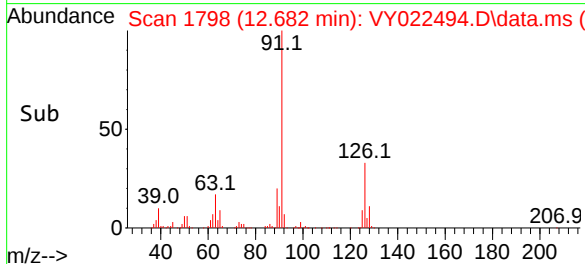
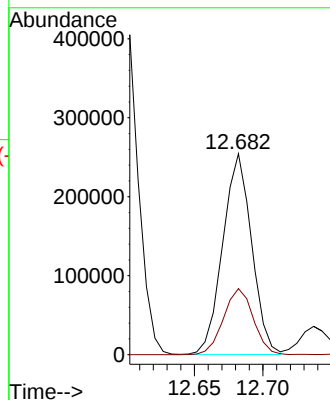
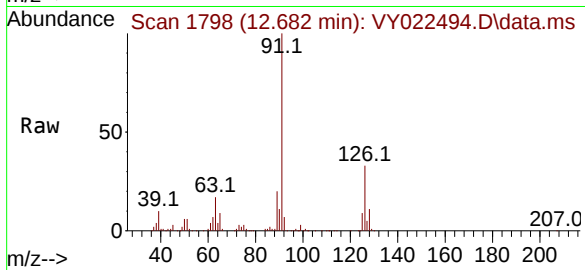




#79  
2-Chlorotoluene  
Concen: 51.670 ug/l  
RT: 12.682 min Scan# 1798  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

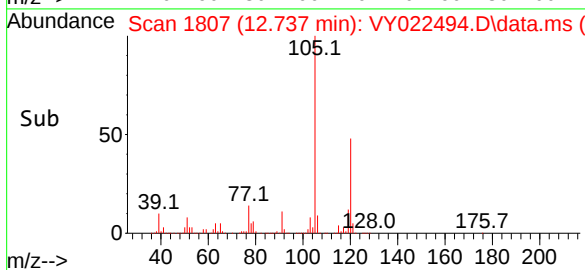
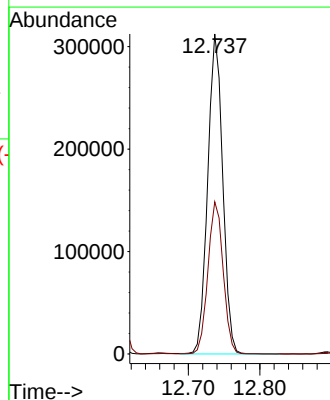
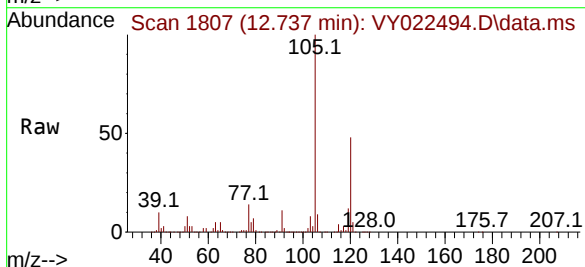
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

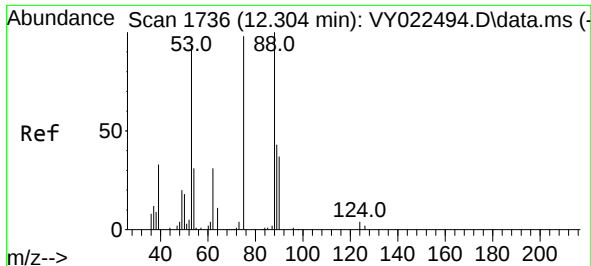
Tgt Ion: 91 Resp: 373402  
Ion Ratio Lower Upper  
91 100  
126 34.0 17.0 51.0



#80  
1,3,5-Trimethylbenzene  
Concen: 51.754 ug/l  
RT: 12.737 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

Tgt Ion: 105 Resp: 455006  
Ion Ratio Lower Upper  
105 100  
120 48.3 24.1 72.4

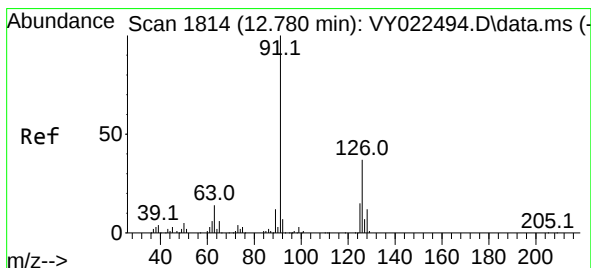
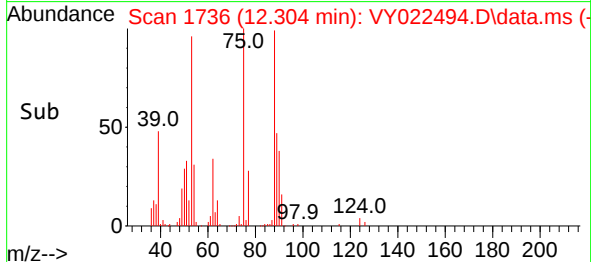
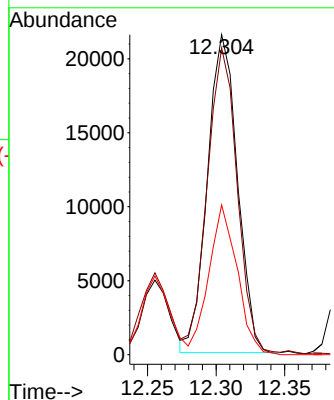
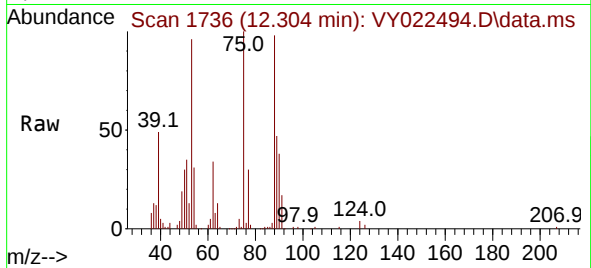




#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.780 ug/l  
RT: 12.304 min Scan# 1736  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

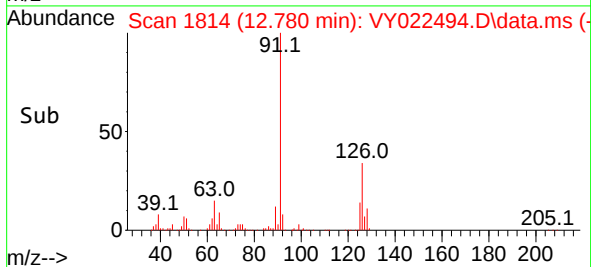
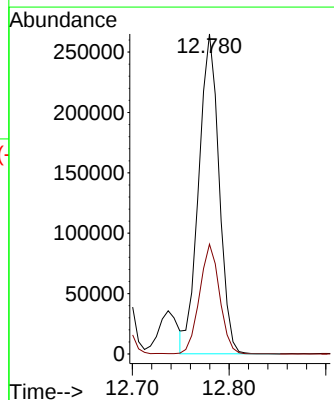
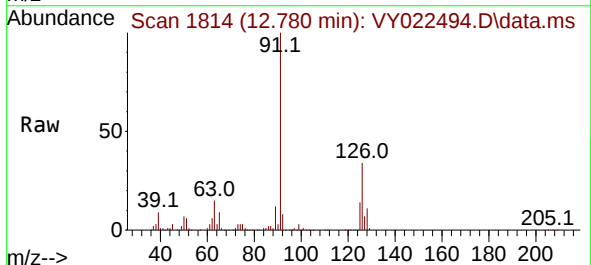
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

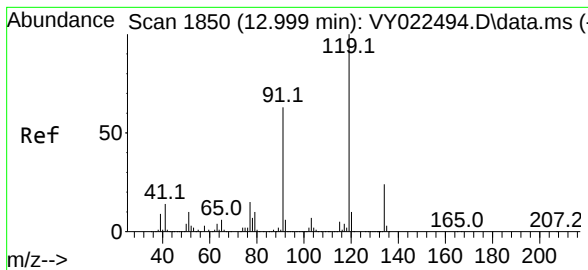
Tgt Ion: 75 Resp: 32630  
Ion Ratio Lower Upper  
75 100  
53 98.1 78.5 117.7  
89 44.6 35.7 53.5



#82  
4-Chlorotoluene  
Concen: 51.710 ug/l  
RT: 12.780 min Scan# 1814  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

Tgt Ion: 91 Resp: 387296  
Ion Ratio Lower Upper  
91 100  
126 33.9 17.0 50.9

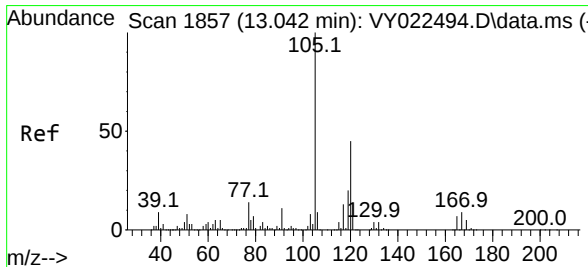
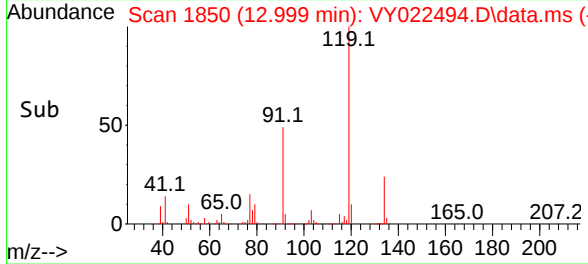
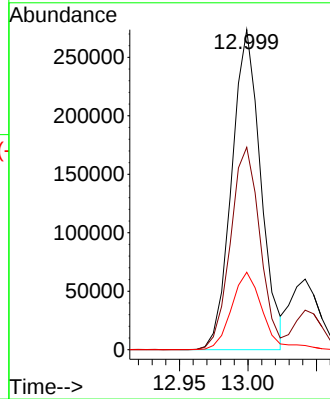
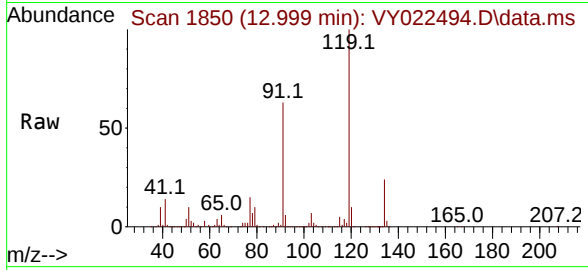




#83  
 tert-Butylbenzene  
 Concen: 50.438 ug/l  
 RT: 12.999 min Scan# 1850  
 Delta R.T. 0.000 min  
 Lab File: VY022494.D  
 Acq: 02 Jun 2025 12:54

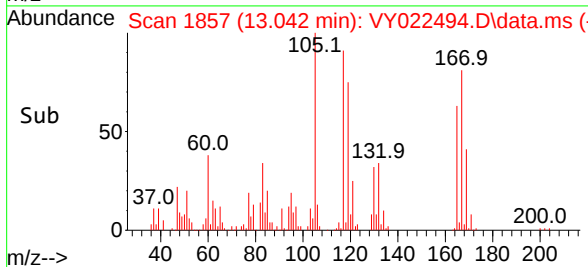
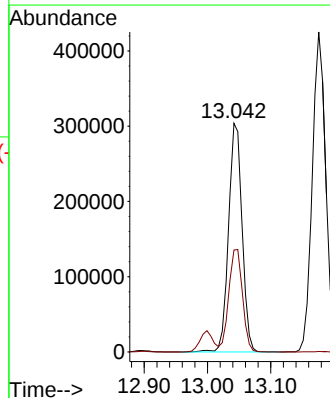
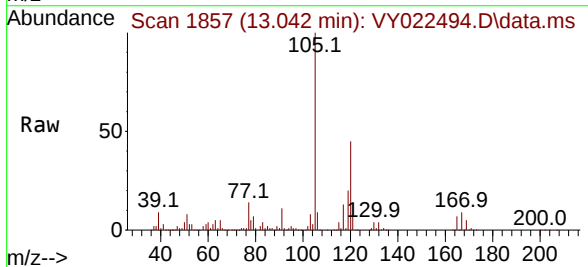
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

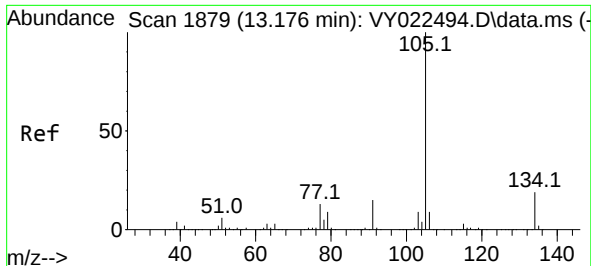
Tgt Ion:119 Resp: 404519  
 Ion Ratio Lower Upper  
 119 100  
 91 64.2 32.1 96.3  
 134 25.9 13.0 38.9



#84  
 1,2,4-Trimethylbenzene  
 Concen: 51.088 ug/l  
 RT: 13.042 min Scan# 1857  
 Delta R.T. 0.000 min  
 Lab File: VY022494.D  
 Acq: 02 Jun 2025 12:54

Tgt Ion:105 Resp: 449372  
 Ion Ratio Lower Upper  
 105 100  
 120 45.4 22.7 68.1

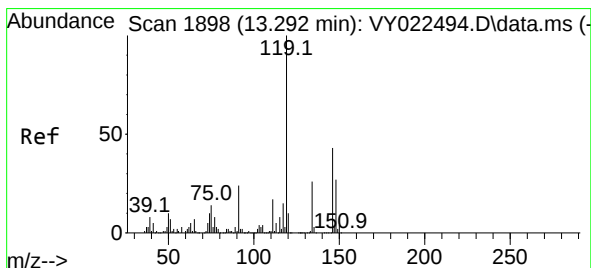
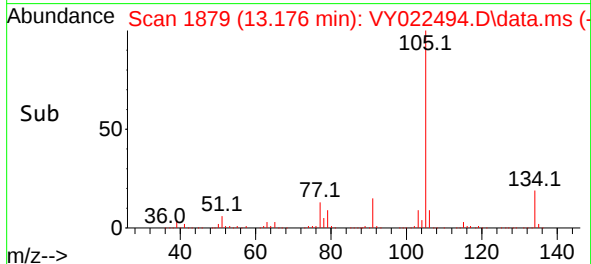
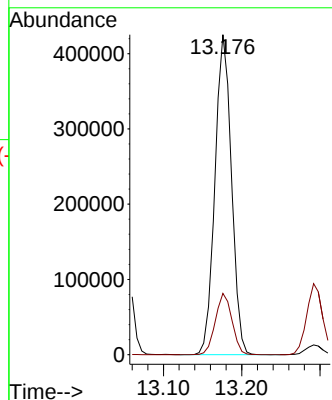
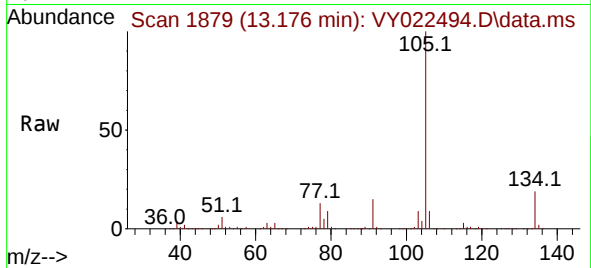




#85  
 sec-Butylbenzene  
 Concen: 51.250 ug/l  
 RT: 13.176 min Scan# 1879  
 Delta R.T. 0.000 min  
 Lab File: VY022494.D  
 Acq: 02 Jun 2025 12:54

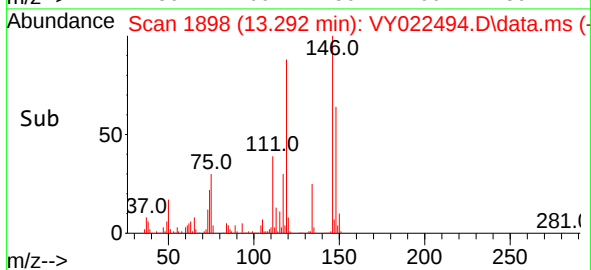
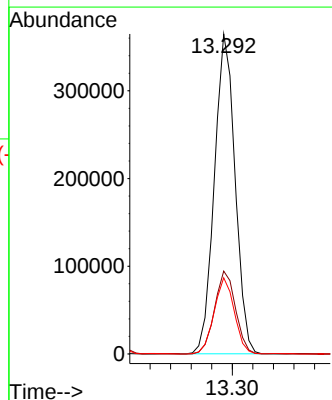
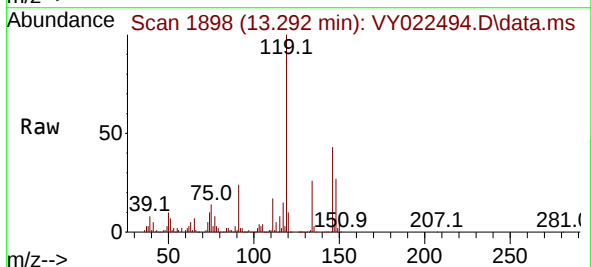
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

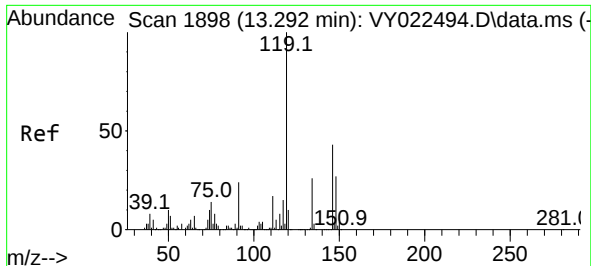
Tgt Ion:105 Resp: 623185  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 9.7 28.9



#86  
 p-Isopropyltoluene  
 Concen: 51.018 ug/l  
 RT: 13.292 min Scan# 1898  
 Delta R.T. 0.000 min  
 Lab File: VY022494.D  
 Acq: 02 Jun 2025 12:54

Tgt Ion:119 Resp: 510026  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 13.1 39.1  
 91 23.2 11.6 34.8

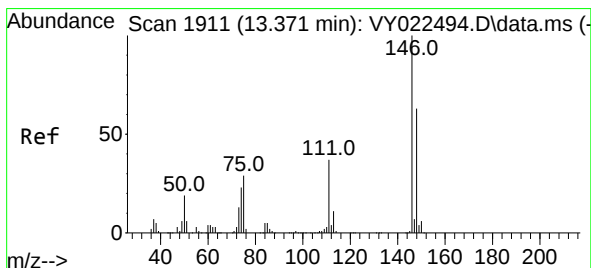
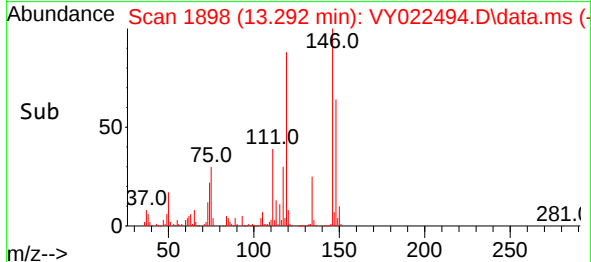
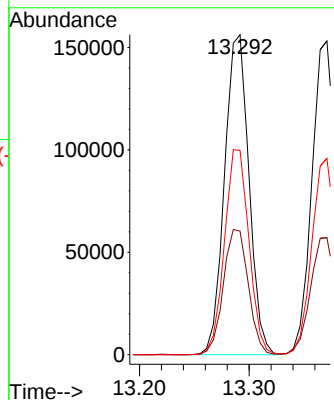
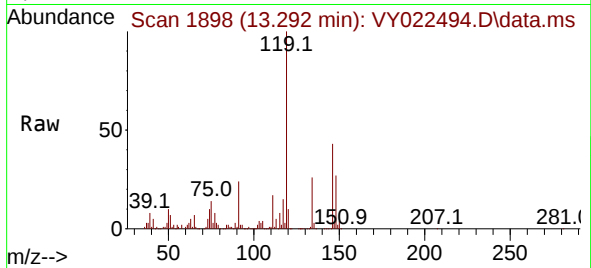




#87  
1,3-Dichlorobenzene  
Concen: 50.717 ug/l  
RT: 13.292 min Scan# 1898  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

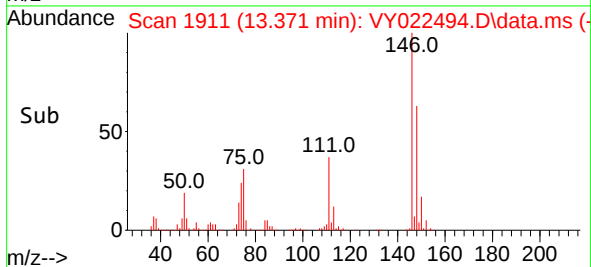
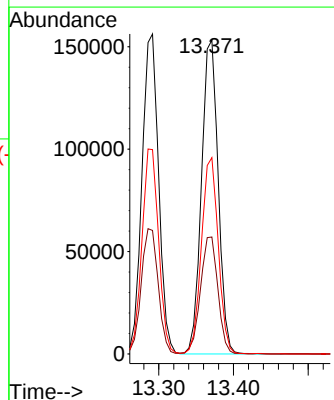
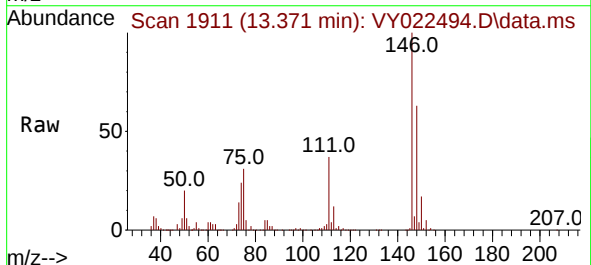
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

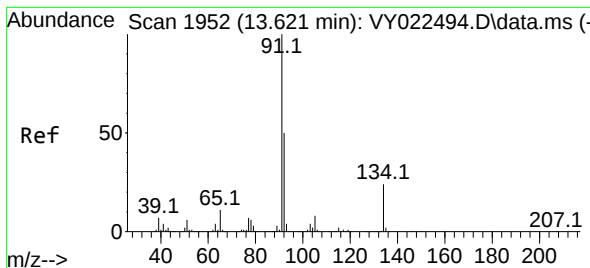
Tgt Ion:146 Resp: 241816  
Ion Ratio Lower Upper  
146 100  
111 40.1 20.1 60.2  
148 64.2 32.1 96.3



#88  
1,4-Dichlorobenzene  
Concen: 51.108 ug/l  
RT: 13.371 min Scan# 1911  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

Tgt Ion:146 Resp: 237429  
Ion Ratio Lower Upper  
146 100  
111 38.8 19.4 58.2  
148 63.2 31.6 94.8





#89

n-Butylbenzene

Concen: 51.811 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

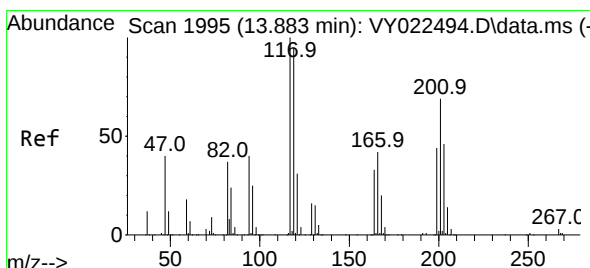
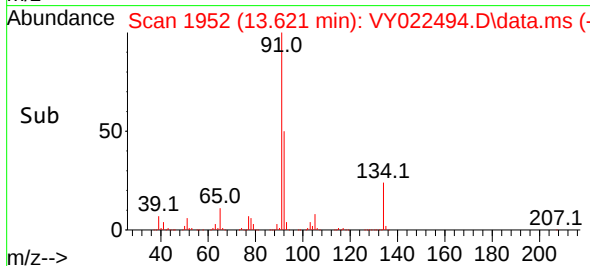
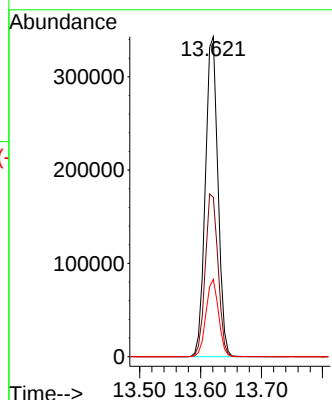
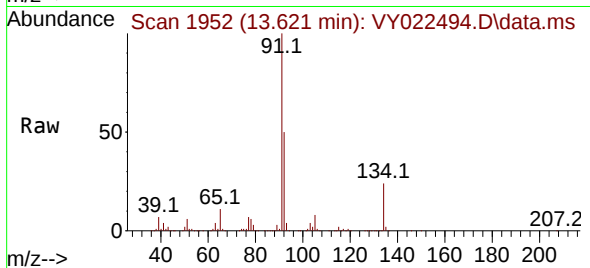
Tgt Ion: 91 Resp: 493153

Ion Ratio Lower Upper

91 100

92 51.9 25.9 77.8

134 24.1 12.0 36.1



#90

Hexachloroethane

Concen: 51.068 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY022494.D

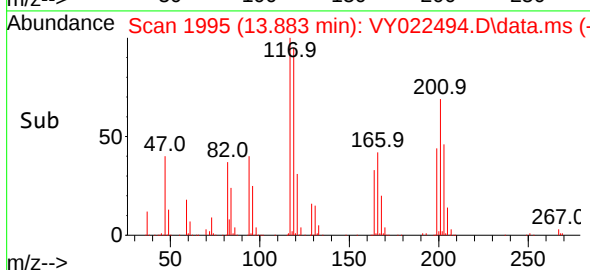
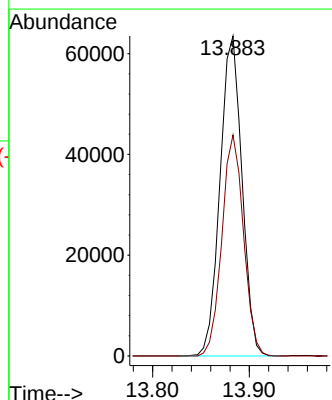
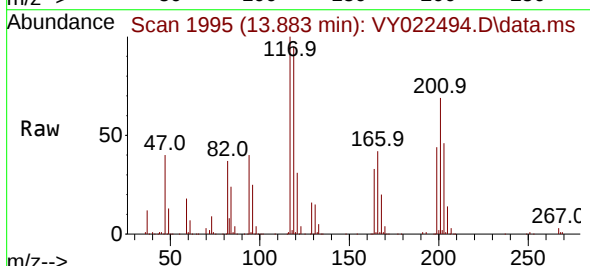
Acq: 02 Jun 2025 12:54

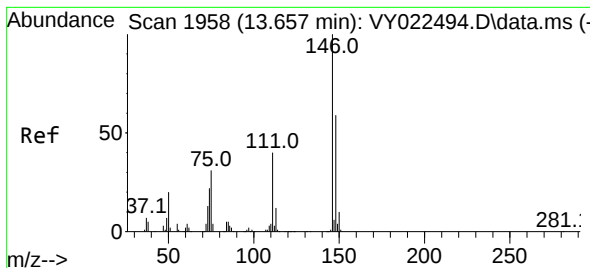
Tgt Ion: 117 Resp: 99901

Ion Ratio Lower Upper

117 100

201 68.0 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 51.528 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

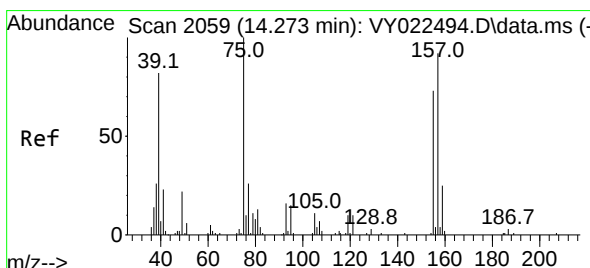
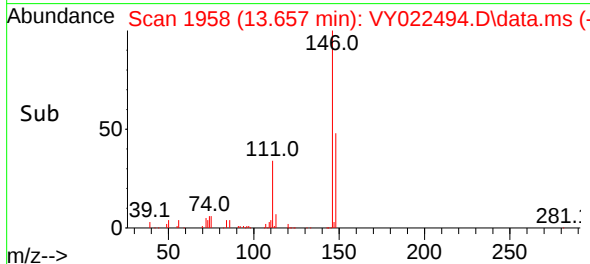
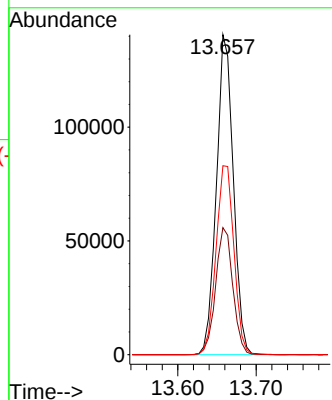
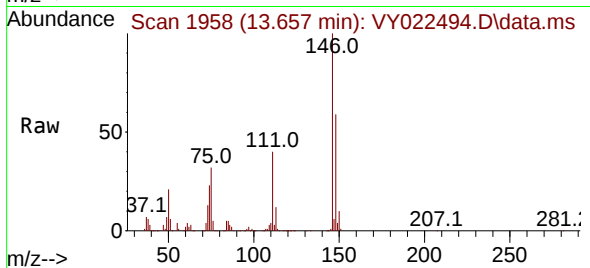
Tgt Ion:146 Resp: 211065

Ion Ratio Lower Upper

146 100

111 40.4 20.2 60.6

148 62.7 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.244 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

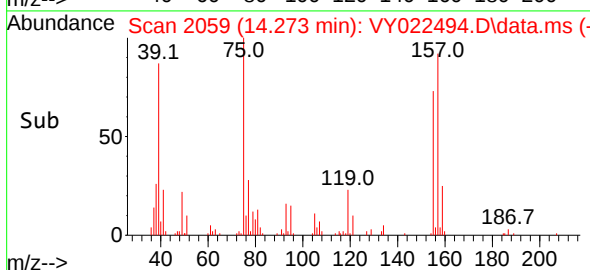
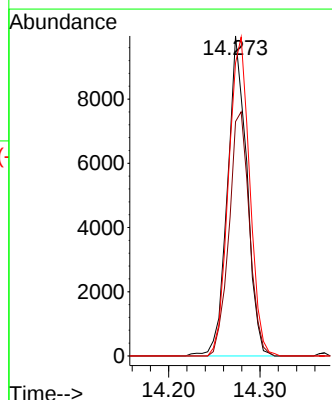
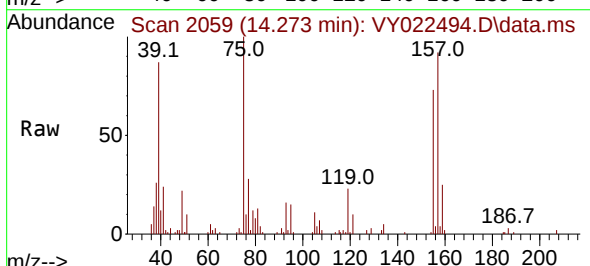
Tgt Ion: 75 Resp: 14697

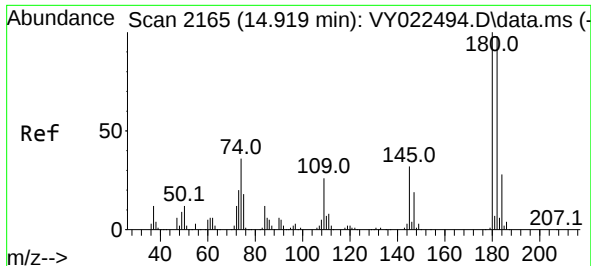
Ion Ratio Lower Upper

75 100

155 79.7 39.9 119.6

157 108.0 54.0 162.0

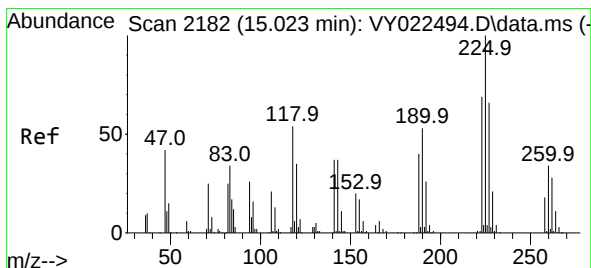
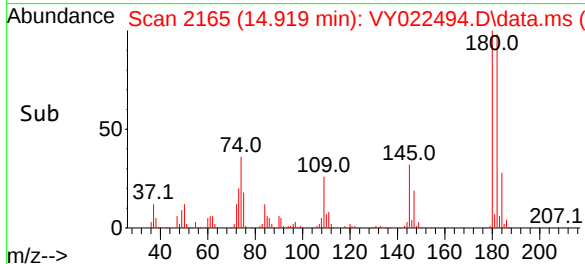
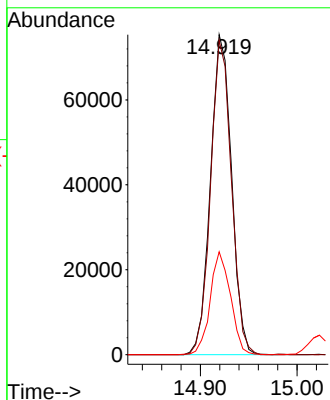
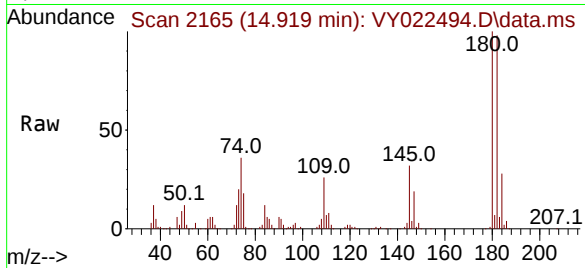




#93  
1,2,4-Trichlorobenzene  
Concen: 50.919 ug/l  
RT: 14.919 min Scan# 2165  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

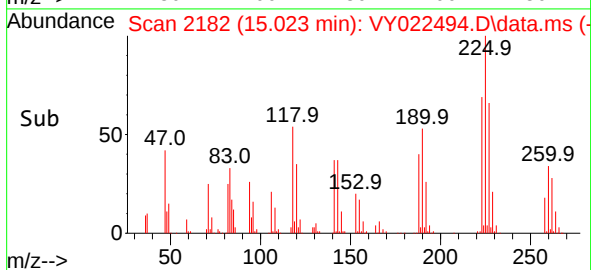
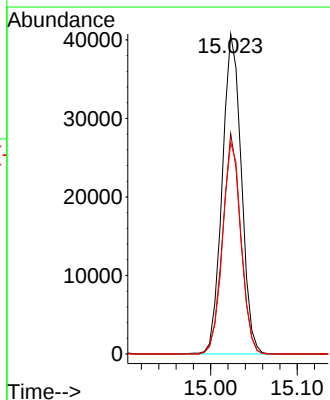
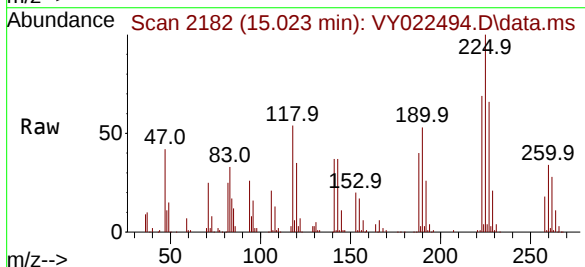
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

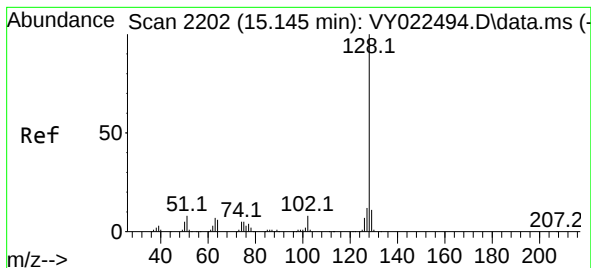
Tgt Ion:180 Resp: 114007  
Ion Ratio Lower Upper  
180 100  
182 96.9 48.4 145.3  
145 31.0 15.5 46.5



#94  
Hexachlorobutadiene  
Concen: 51.054 ug/l  
RT: 15.023 min Scan# 2182  
Delta R.T. 0.000 min  
Lab File: VY022494.D  
Acq: 02 Jun 2025 12:54

Tgt Ion:225 Resp: 62434  
Ion Ratio Lower Upper  
225 100  
223 64.9 32.5 97.4  
227 64.6 32.3 96.9





#95

Naphthalene

Concen: 52.686 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

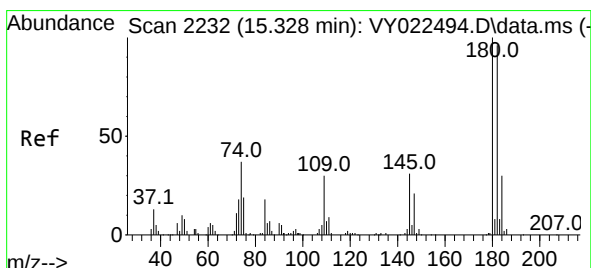
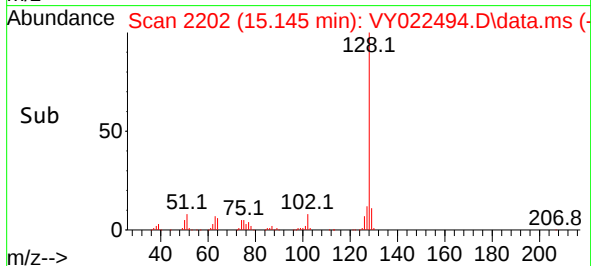
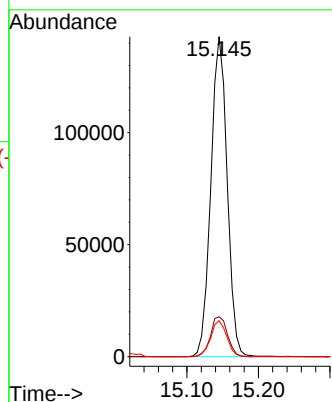
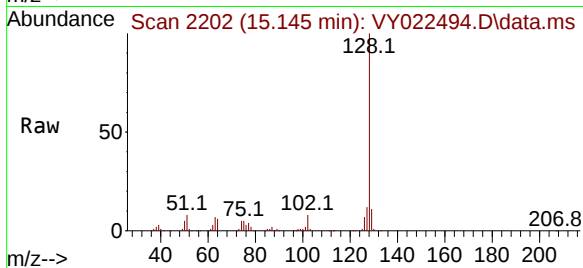
Tgt Ion:128 Resp: 226073

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.1 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 51.295 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Tgt Ion:180 Resp: 97609

Ion Ratio Lower Upper

180 100

182 94.2 47.1 141.3

145 30.4 15.2 45.6

