

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_R\Data\VR120425\  
 Data File : VR026793.D  
 Acq On : 4 Dec 2025 13:29  
 Operator : SY/MD  
 Sample : VSTDICCC050  
 Misc : 5.00g/5mL/MSVOA\_R/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 VSTDICCC050

Quant Time: Dec 05 03:48:33 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_R\methods\82R120425S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 05 03:44:50 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc    | Units    | Dev(Min) |
|------------------------------|--------|------|----------|---------|----------|----------|
| -----                        |        |      |          |         |          |          |
| Internal Standards           |        |      |          |         |          |          |
| 1) Pentafluorobenzene        | 7.802  | 168  | 479720   | 50.000  | ug/l     | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.771  | 114  | 908779   | 50.000  | ug/l     | 0.00     |
| 63) Chlorobenzene-d5         | 11.921 | 117  | 910939   | 50.000  | ug/l     | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 14.130 | 152  | 567627   | 50.000  | ug/l     | 0.00     |
| System Monitoring Compounds  |        |      |          |         |          |          |
| 33) 1,2-Dichloroethane-d4    | 8.172  | 65   | 321297   | 55.051  | ug/l     | 0.00     |
| Spiked Amount                | 50.000 |      | Recovery | =       | 110.100% |          |
| 35) Dibromofluoromethane     | 7.720  | 113  | 280051   | 54.379  | ug/l     | 0.00     |
| Spiked Amount                | 50.000 |      | Recovery | =       | 108.760% |          |
| 50) Toluene-d8               | 10.434 | 98   | 1294962  | 53.394  | ug/l     | 0.00     |
| Spiked Amount                | 50.000 |      | Recovery | =       | 106.780% |          |
| 62) 4-Bromofluorobenzene     | 13.049 | 95   | 519863   | 55.772  | ug/l     | 0.00     |
| Spiked Amount                | 50.000 |      | Recovery | =       | 111.540% |          |
| Target Compounds             |        |      |          |         |          |          |
|                              |        |      |          |         | Qvalue   |          |
| 2) Dichlorodifluoromethane   | 1.991  | 85   | 279844   | 51.707  | ug/l     | 100      |
| 3) Chloromethane             | 2.202  | 50   | 368794   | 49.350  | ug/l     | 100      |
| 4) Vinyl Chloride            | 2.332  | 62   | 421704   | 51.395  | ug/l     | 100      |
| 5) Bromomethane              | 2.678  | 94   | 327980   | 47.025  | ug/l     | 100      |
| 6) Chloroethane              | 2.831  | 64   | 289938   | 51.072  | ug/l     | 100      |
| 7) Trichlorofluoromethane    | 3.166  | 101  | 675402   | 51.639  | ug/l     | 100      |
| 8) Diethyl Ether             | 3.571  | 74   | 172519   | 56.370  | ug/l     | 100      |
| 9) 1,1,2-Trichlorotrifluo... | 3.918  | 101  | 300258   | 48.934  | ug/l     | 100      |
| 10) Methyl Iodide            | 4.100  | 142  | 325878   | 45.610  | ug/l     | 100      |
| 11) Tert butyl alcohol       | 4.964  | 59   | 240307   | 122.993 | ug/l     | 100      |
| 12) 1,1-Dichloroethene       | 3.895  | 96   | 307930   | 51.375  | ug/l     | 100      |
| 13) Acrolein                 | 3.771  | 56   | 17219    | 120.085 | ug/l     | 100      |
| 14) Allyl chloride           | 4.476  | 41   | 578801   | 52.879  | ug/l     | 100      |
| 15) Acrylonitrile            | 5.146  | 53   | 491740   | 280.042 | ug/l     | 100      |
| 16) Acetone                  | 3.977  | 43   | 566622   | 222.927 | ug/l     | 100      |
| 17) Carbon Disulfide         | 4.206  | 76   | 923661   | 50.470  | ug/l     | 100      |
| 18) Methyl Acetate           | 4.488  | 43   | 317106   | 53.663  | ug/l     | 100      |
| 19) Methyl tert-butyl Ether  | 5.217  | 73   | 843022   | 54.735  | ug/l     | 100      |
| 20) Methylene Chloride       | 4.699  | 84   | 353732   | 48.551  | ug/l     | 100      |
| 21) trans-1,2-Dichloroethene | 5.193  | 96   | 316758   | 48.518  | ug/l     | 100      |
| 22) Diisopropyl ether        | 6.098  | 45   | 1166914  | 52.451  | ug/l     | 100      |
| 23) Vinyl Acetate            | 6.027  | 43   | 2947030  | 270.903 | ug/l     | 100      |
| 24) 1,1-Dichloroethane       | 5.974  | 63   | 639997   | 51.205  | ug/l     | 100      |
| 25) 2-Butanone               | 6.967  | 43   | 752063   | 240.202 | ug/l     | 100      |
| 26) 2,2-Dichloropropane      | 6.956  | 77   | 541245   | 50.082  | ug/l     | 100      |
| 27) cis-1,2-Dichloroethene   | 6.962  | 96   | 394753   | 51.790  | ug/l     | 100      |
| 28) Bromochloromethane       | 7.320  | 49   | 274253   | 52.185  | ug/l     | 100      |
| 29) Tetrahydrofuran          | 7.349  | 42   | 413976   | 290.909 | ug/l     | 100      |
| 30) Chloroform               | 7.502  | 83   | 588640   | 51.249  | ug/l     | 100      |
| 31) Cyclohexane              | 7.808  | 56   | 674050   | 50.187  | ug/l     | 100      |
| 32) 1,1,1-Trichloroethane    | 7.714  | 97   | 524488   | 52.515  | ug/l     | 100      |
| 36) 1,1-Dichloropropene      | 7.937  | 75   | 474875   | 49.928  | ug/l     | 100      |
| 37) Ethyl Acetate            | 7.061  | 43   | 256276   | 53.963  | ug/l     | 100      |
| 38) Carbon Tetrachloride     | 7.925  | 117  | 431807   | 51.096  | ug/l     | 100      |
| 39) Methylcyclohexane        | 9.329  | 83   | 689186   | 48.575  | ug/l     | 100      |
| 40) Benzene                  | 8.201  | 78   | 1463499  | 50.251  | ug/l     | 100      |

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 ALS Vial : 5 Sample Multiplier: 1

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 MSVOA\_R  
 ClientSampleId :  
 VSTDICCC050

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_R\methods\82R120425S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 05 03:44:50 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.291  | 41   | 167900   | 56.371   | ug/l   | 100      |
| 42) 1,2-Dichloroethane        | 8.278  | 62   | 371136   | 51.481   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.325  | 43   | 542872   | 54.339   | ug/l   | 100      |
| 44) Trichloroethene           | 9.047  | 130  | 353585   | 51.069   | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.353  | 63   | 360196   | 51.408   | ug/l   | 100      |
| 46) Dibromomethane            | 9.447  | 93   | 191650   | 53.402   | ug/l   | 100      |
| 47) Bromodichloromethane      | 9.658  | 83   | 468018   | 52.282   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.441  | 41   | 268236   | 54.560   | ug/l   | 100      |
| 49) 1,4-Dioxane               | 9.447  | 88   | 75382    | 1041.874 | ug/l   | 100      |
| 51) 4-Methyl-2-Pentanone      | 10.305 | 43   | 1508267  | 284.202  | ug/l   | 100      |
| 52) Toluene                   | 10.505 | 92   | 995765   | 51.034   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.751 | 75   | 494436   | 53.715   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.146 | 75   | 563785   | 51.229   | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 10.951 | 97   | 280521   | 54.342   | ug/l   | 100      |
| 56) Ethyl methacrylate        | 10.804 | 69   | 423748   | 55.475   | ug/l   | 100      |
| 57) 1,3-Dichloropropane       | 11.116 | 76   | 488298   | 52.140   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.982  | 63   | 158544   | 344.542  | ug/l   | 100      |
| 59) 2-Hexanone                | 11.168 | 43   | 1161652  | 246.791  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.345 | 129  | 305600   | 54.759   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.462 | 107  | 258234   | 53.124   | ug/l   | 100      |
| 64) Tetrachloroethene         | 11.045 | 164  | 302438   | 47.950   | ug/l   | 100      |
| 65) Chlorobenzene             | 11.950 | 112  | 1127724  | 50.594   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 12.032 | 131  | 317150   | 52.106   | ug/l   | 100      |
| 67) Ethyl Benzene             | 12.038 | 91   | 2061258  | 51.415   | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.167 | 106  | 1585075  | 101.049  | ug/l   | 100      |
| 69) o-Xylene                  | 12.538 | 106  | 790936   | 52.426   | ug/l   | 100      |
| 70) Styrene                   | 12.549 | 104  | 1364752  | 52.805   | ug/l   | 100      |
| 71) Bromoform                 | 12.743 | 173  | 177202   | 56.380   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.878 | 105  | 2091200  | 53.303   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.655 | 43   | 614559   | 57.228   | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane | 13.160 | 83   | 378330   | 57.086   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 13.213 | 75   | 530934   | 91.003   | ug/l   | 52       |
| 77) Bromobenzene              | 13.201 | 156  | 458418   | 54.635   | ug/l   | 100      |
| 78) n-propylbenzene           | 13.266 | 91   | 2677121  | 52.988   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.366 | 91   | 1467979  | 53.706   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 13.425 | 105  | 1848630  | 53.946   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.925 | 75   | 124143   | 54.309   | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 13.478 | 91   | 1589925  | 53.537   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.724 | 119  | 1671032  | 54.107   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.777 | 105  | 1887258  | 51.308   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.930 | 105  | 2575377  | 52.899   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 14.053 | 119  | 2175744  | 50.741   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 14.059 | 146  | 1010177  | 49.756   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 14.147 | 146  | 1060119  | 49.465   | ug/l   | 100      |
| 89) n-Butylbenzene            | 14.424 | 91   | 2343916  | 53.032   | ug/l   | 100      |
| 90) Hexachloroethane          | 14.741 | 117  | 334610   | 49.940   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 14.482 | 146  | 966091   | 51.834   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 15.187 | 75   | 65080    | 53.189   | ug/l   | 100      |
| 93) 1,2,4-Trichlorobenzene    | 16.010 | 180  | 699962   | 58.501   | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 16.133 | 225  | 305343   | 55.279   | ug/l   | 100      |
| 95) Naphthalene               | 16.310 | 128  | 1330594  | 51.211   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 16.545 | 180  | 594450   | 58.444   | ug/l   | 100      |

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Sample : VSTDICCC050  
Misc : 5.00g/5mL/MSVOA\_R/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_R  
ClientSampleId :  
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Quant Title : SW846 8260  
QLast Update : Fri Dec 05 03:44:50 2025  
Response via : Initial Calibration

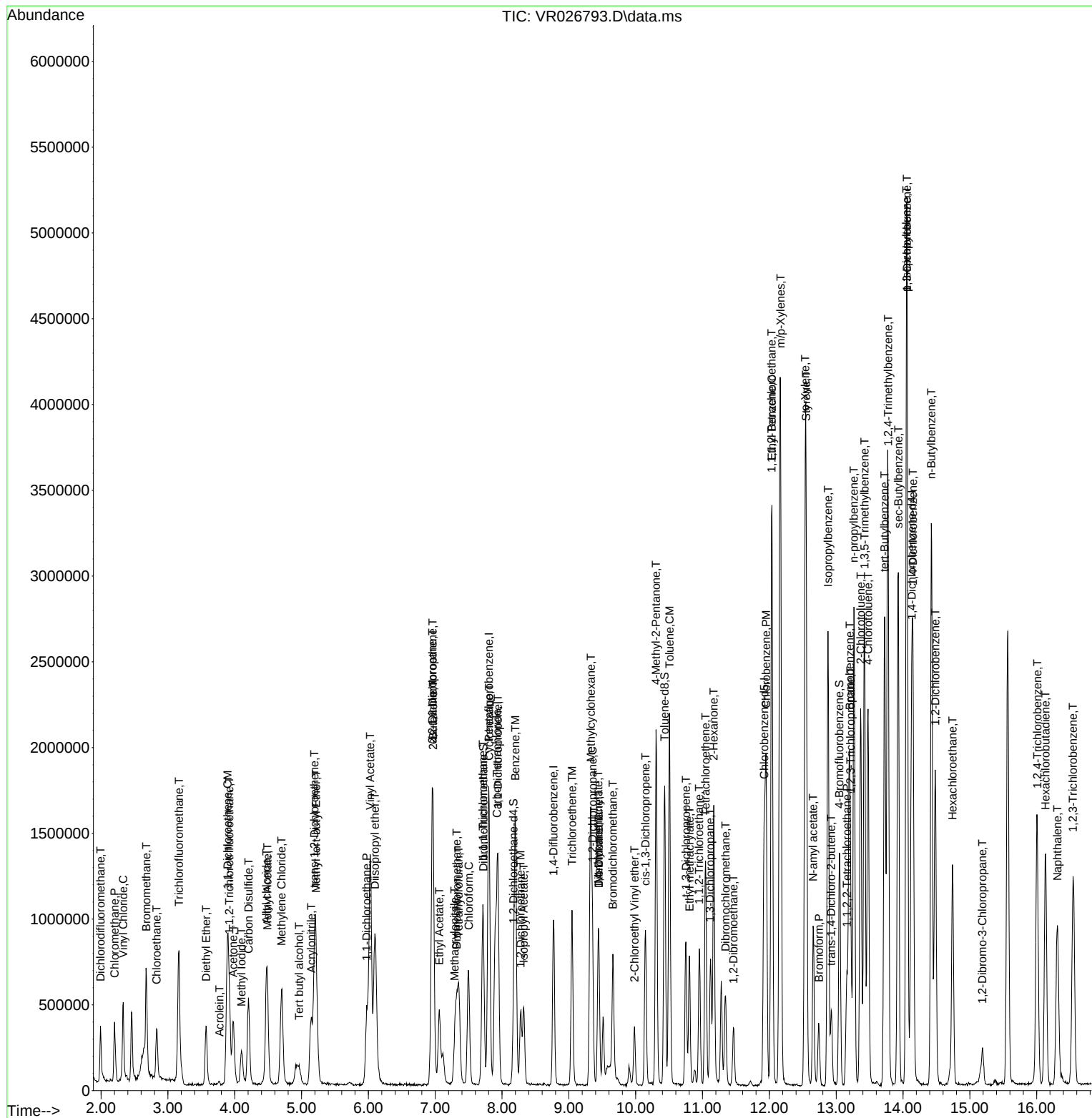
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

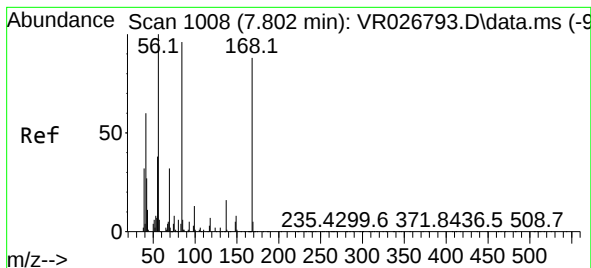
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.802 min Scan# 10

Delta R.T. -0.000 min

Lab File: VR026793.D

Acq: 4 Dec 2025 13:29

Instrument :

MSVOA\_R

ClientSampleId :

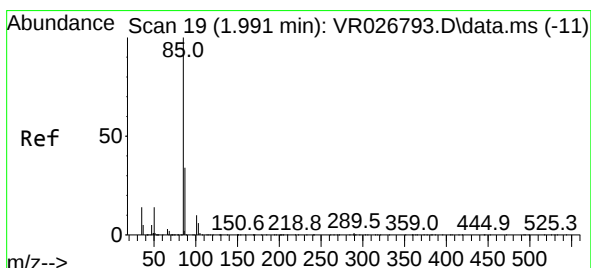
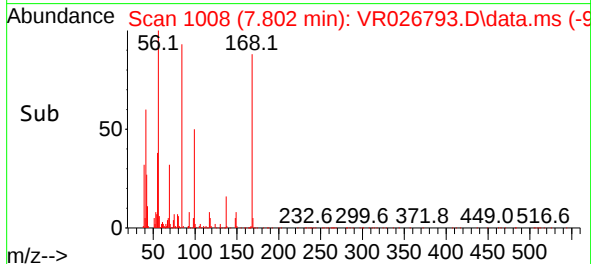
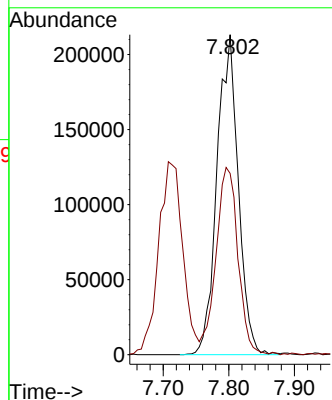
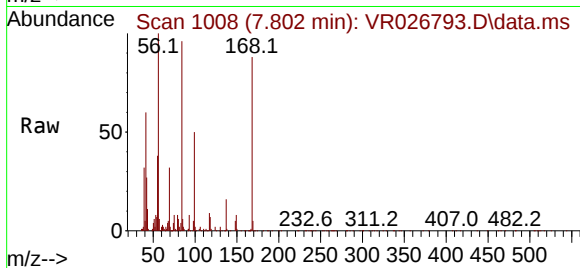
VSTDICCC050

Tgt Ion:168 Resp: 479720

Ion Ratio Lower Upper

168 100

99 56.6 45.3 67.9



#2

Dichlorodifluoromethane

Concen: 51.707 ug/l

RT: 1.991 min Scan# 19

Delta R.T. -0.000 min

Lab File: VR026793.D

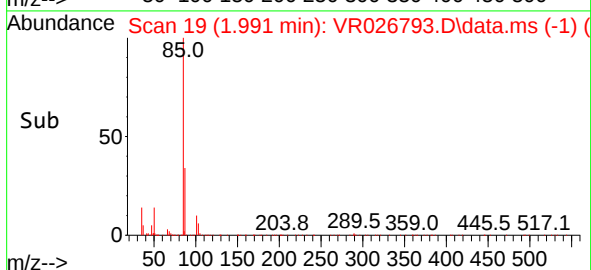
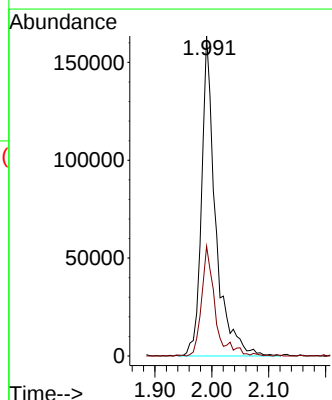
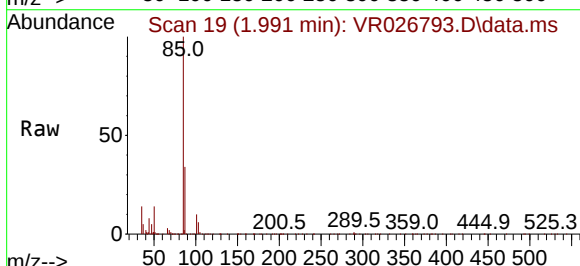
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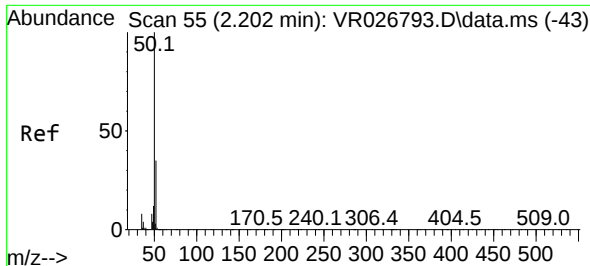
Tgt Ion: 85 Resp: 279844

Ion Ratio Lower Upper

85 100

87 34.1 17.1 51.2

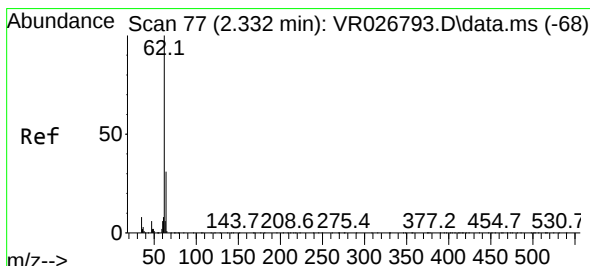
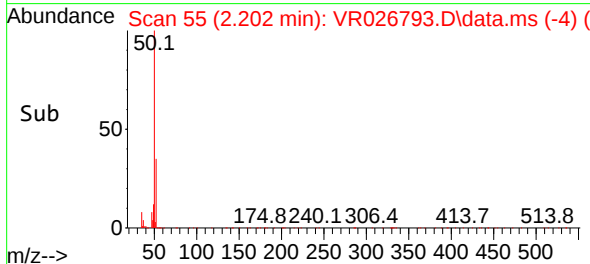
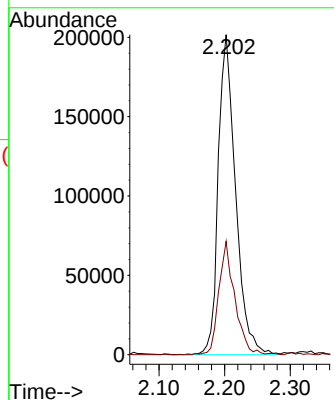
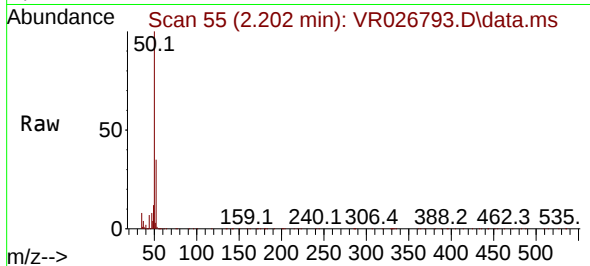




#3  
Chloromethane  
Concen: 49.350 ug/l  
RT: 2.202 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

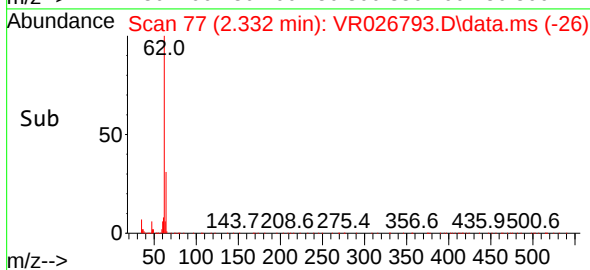
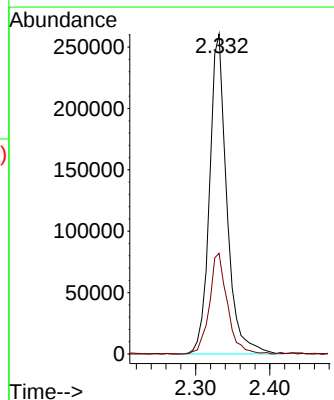
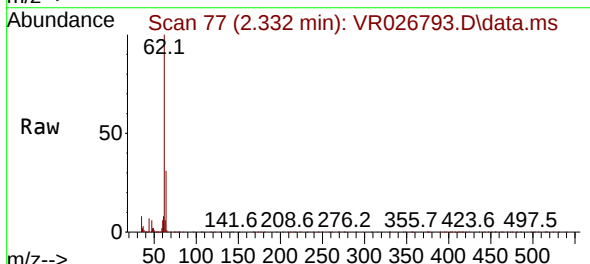
Instrument :  
MSVOA\_R  
ClientSampleId :  
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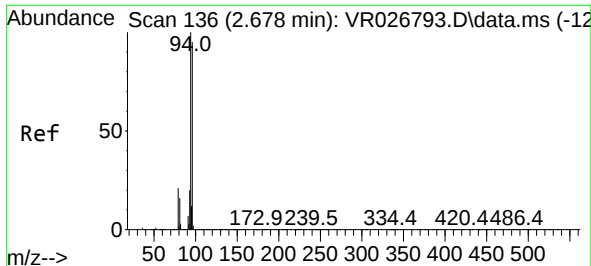
Tgt Ion: 50 Resp: 368794  
Ion Ratio Lower Upper  
50 100  
52 35.3 28.2 42.4



#4  
Vinyl Chloride  
Concen: 51.395 ug/l  
RT: 2.332 min Scan# 77  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion: 62 Resp: 421704  
Ion Ratio Lower Upper  
62 100  
64 31.5 25.2 37.8

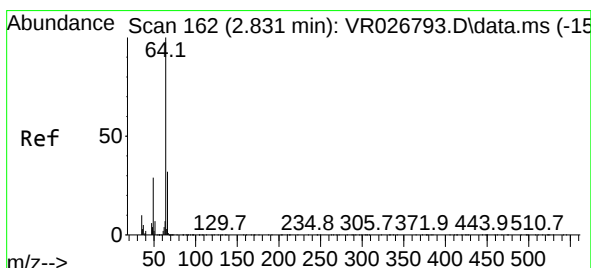
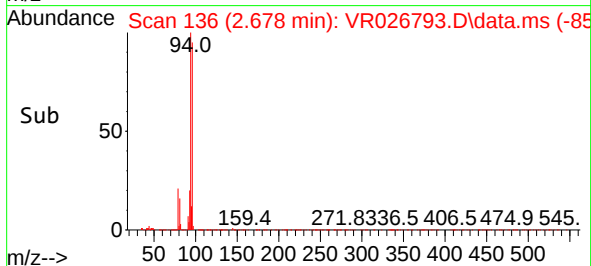
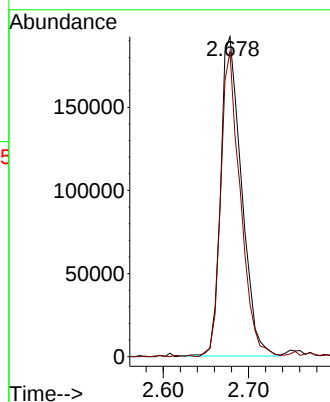
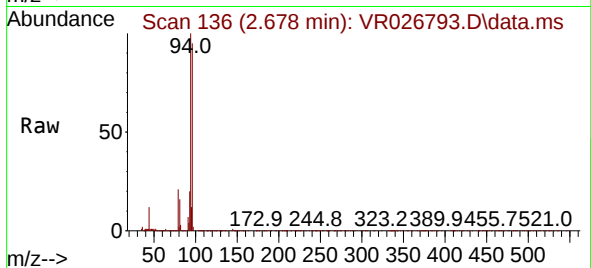




#5  
Bromomethane  
Concen: 47.025 ug/l  
RT: 2.678 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

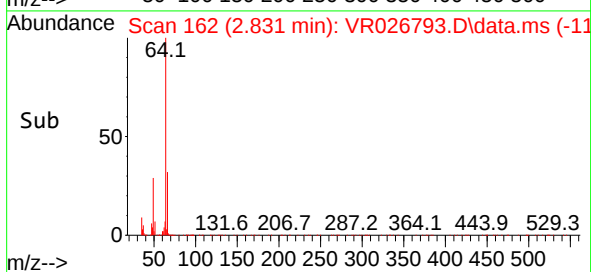
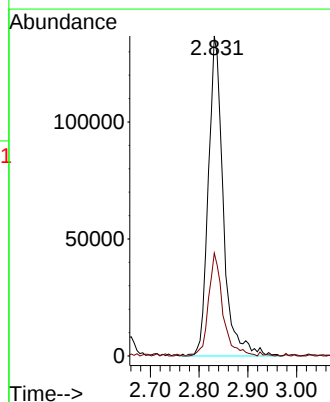
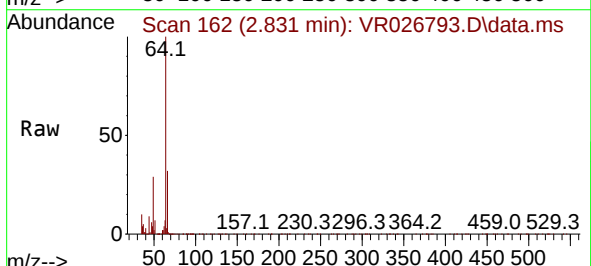
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

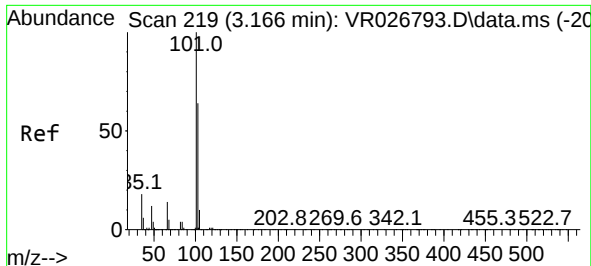
Tgt Ion: 94 Resp: 327980  
Ion Ratio Lower Upper  
94 100  
96 95.2 76.2 114.2



#6  
Chloroethane  
Concen: 51.072 ug/l  
RT: 2.831 min Scan# 162  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion: 64 Resp: 289938  
Ion Ratio Lower Upper  
64 100  
66 32.2 25.8 38.6

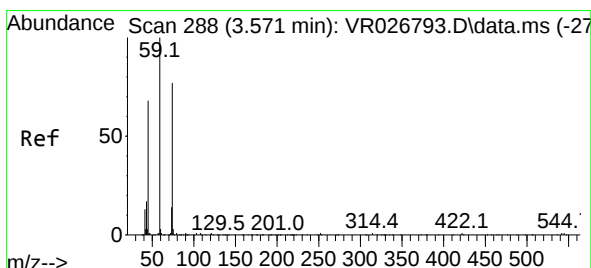
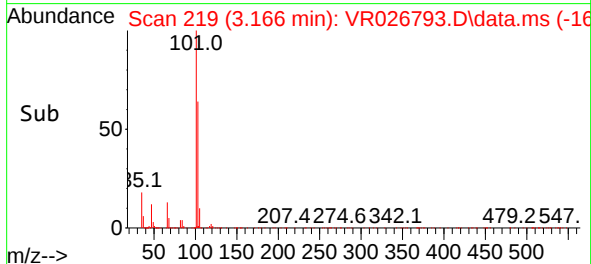
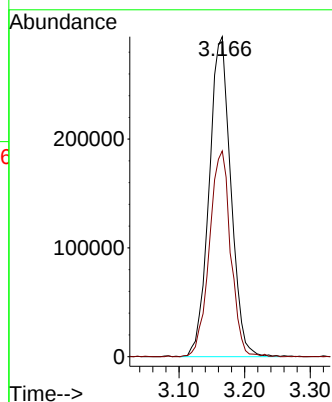
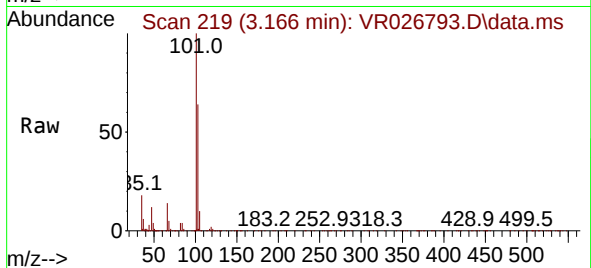




#7  
Trichlorofluoromethane  
Concen: 51.639 ug/l  
RT: 3.166 min Scan# 219  
Delta R.T. -0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

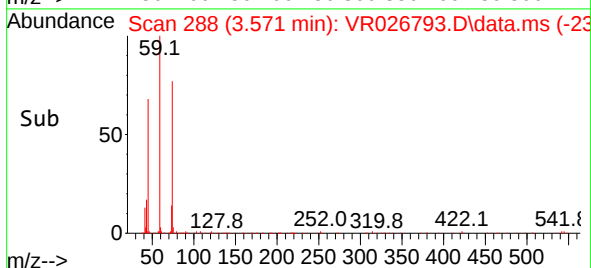
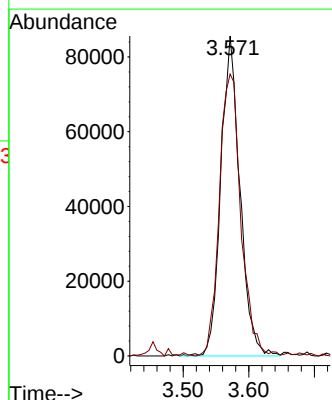
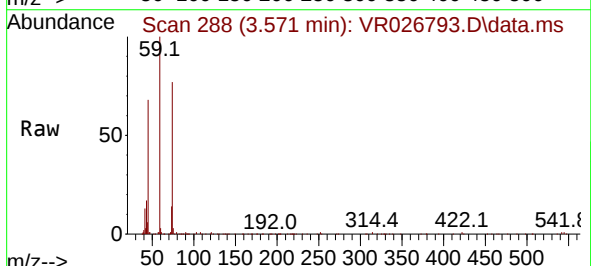
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

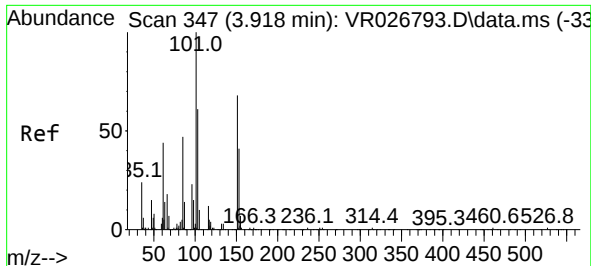
Tgt Ion:101 Resp: 675402  
Ion Ratio Lower Upper  
101 100  
103 64.3 51.4 77.2



#8  
Diethyl Ether  
Concen: 56.370 ug/l  
RT: 3.571 min Scan# 288  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion: 74 Resp: 172519  
Ion Ratio Lower Upper  
74 100  
45 99.8 49.9 149.7

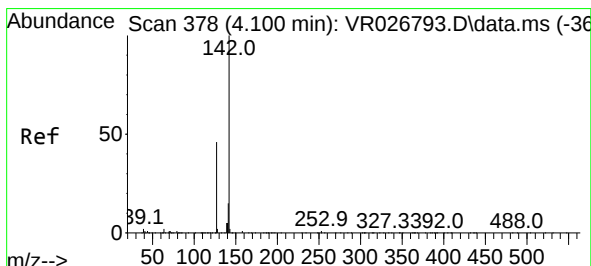
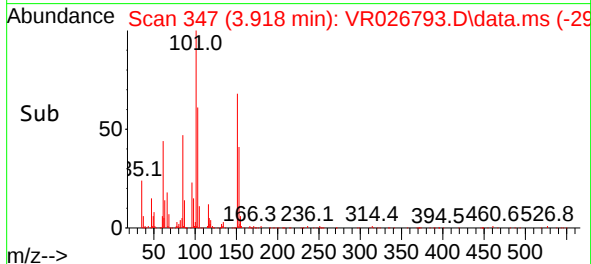
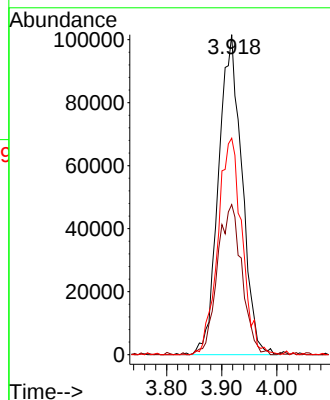
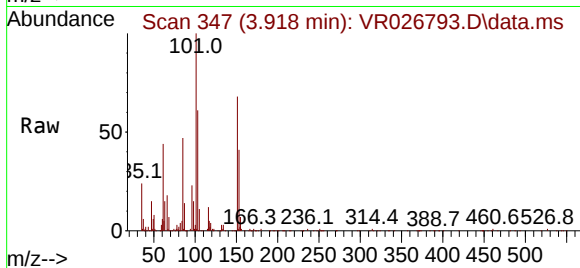




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.934 ug/l  
RT: 3.918 min Scan# 347  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

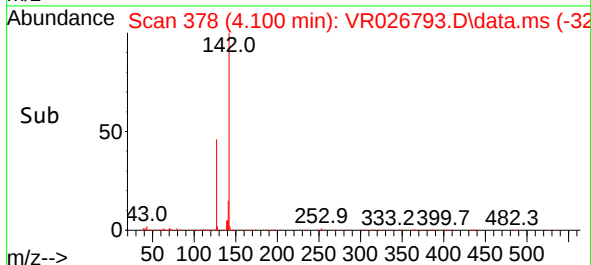
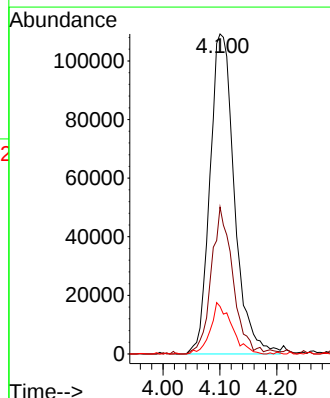
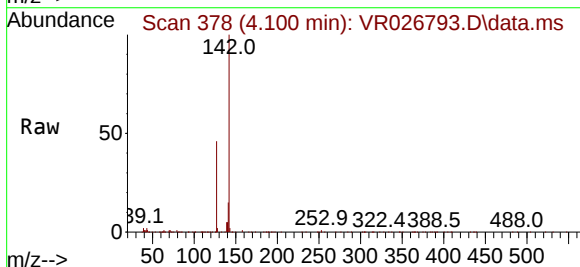
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

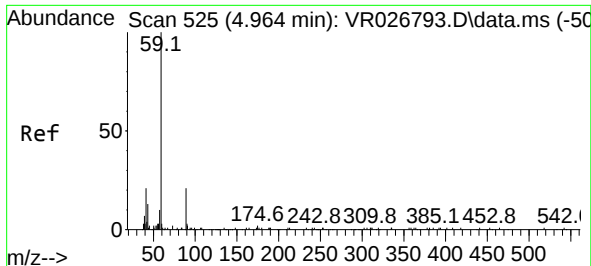
Tgt Ion:101 Resp: 300258  
Ion Ratio Lower Upper  
101 100  
85 49.1 39.3 58.9  
151 69.8 55.8 83.8



#10  
Methyl Iodide  
Concen: 45.610 ug/l  
RT: 4.100 min Scan# 378  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion:142 Resp: 325878  
Ion Ratio Lower Upper  
142 100  
127 40.7 32.6 48.8  
141 14.1 11.3 16.9

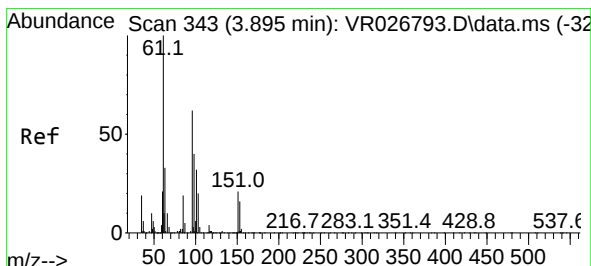
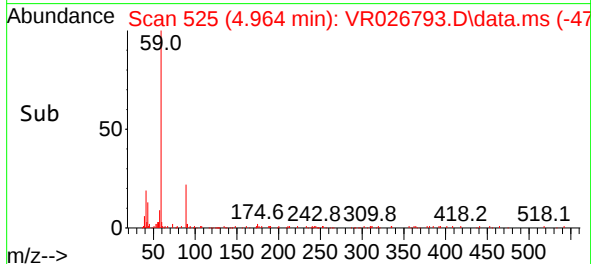
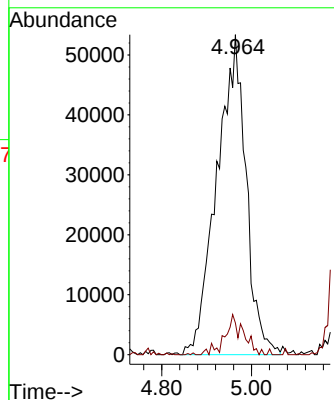
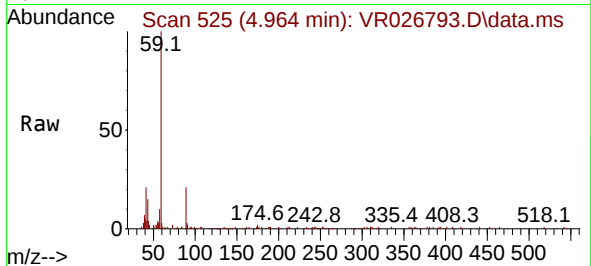




#11  
Tert butyl alcohol  
Concen: 122.993 ug/l  
RT: 4.964 min Scan# 511  
Delta R.T. -0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

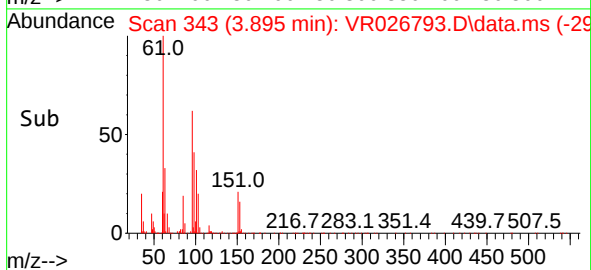
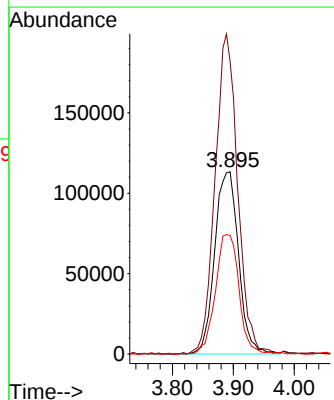
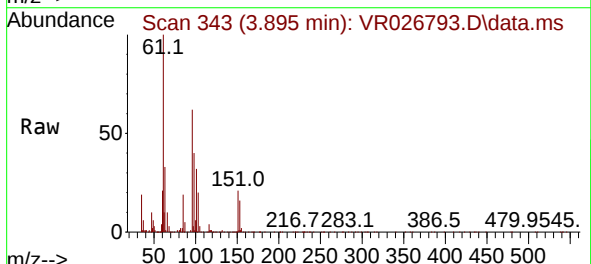
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

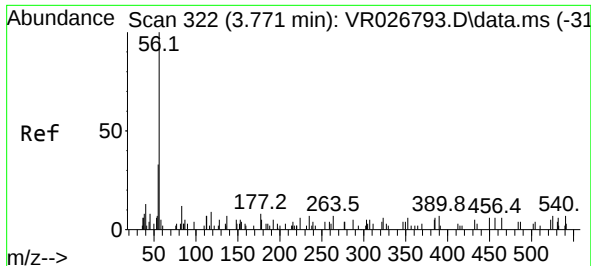
Tgt Ion: 59 Resp: 240307  
Ion Ratio Lower Upper  
59 100  
57 3.9 3.1 4.7



#12  
1,1-Dichloroethene  
Concen: 51.375 ug/l  
RT: 3.895 min Scan# 343  
Delta R.T. -0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion: 96 Resp: 307930  
Ion Ratio Lower Upper  
96 100  
61 160.3 128.2 192.4  
98 64.8 51.8 77.8

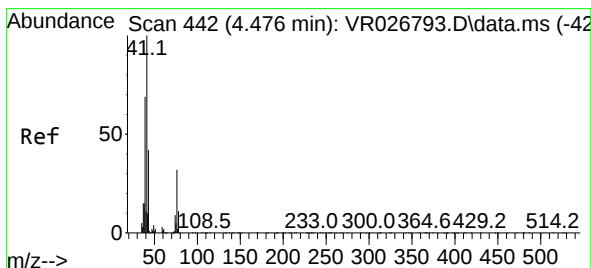
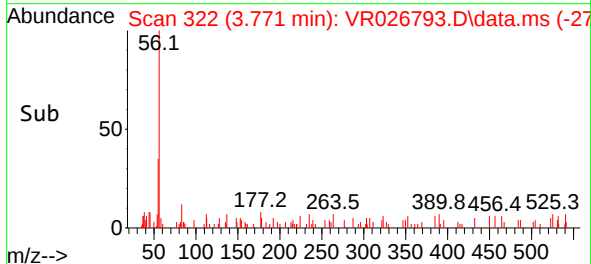
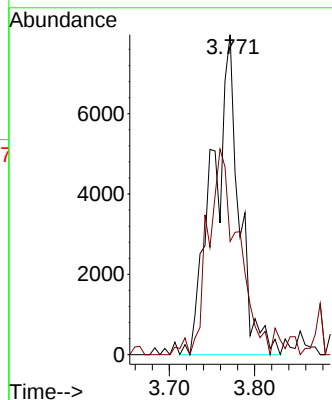
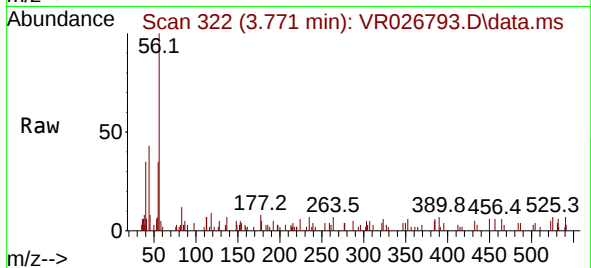




#13  
Acrolein  
Concen: 120.085 ug/l  
RT: 3.771 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

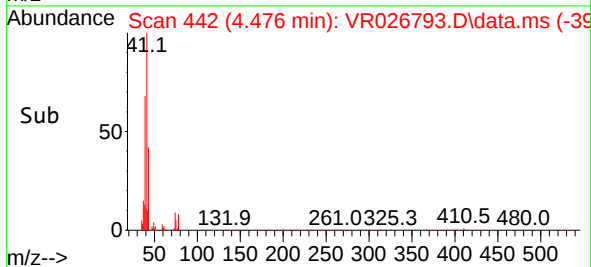
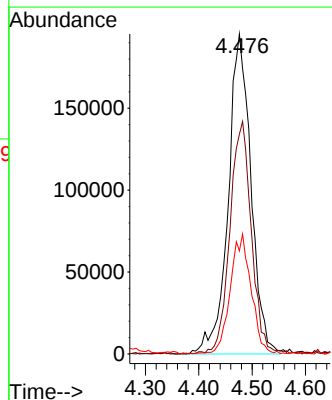
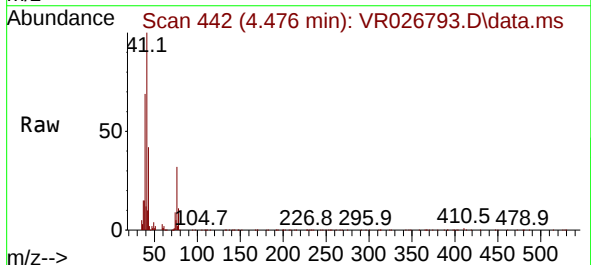
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

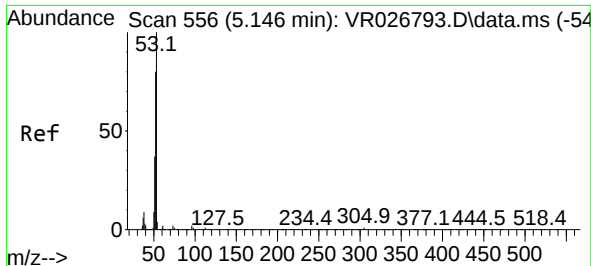
Tgt Ion: 56 Resp: 17219  
Ion Ratio Lower Upper  
56 100  
55 73.1 58.5 87.7



#14  
Allyl chloride  
Concen: 52.879 ug/l  
RT: 4.476 min Scan# 442  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion: 41 Resp: 578801  
Ion Ratio Lower Upper  
41 100  
39 68.7 55.0 82.4  
76 34.1 27.3 40.9

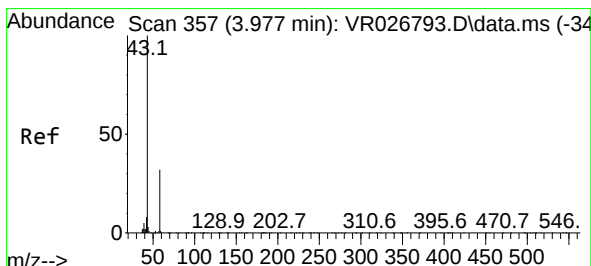
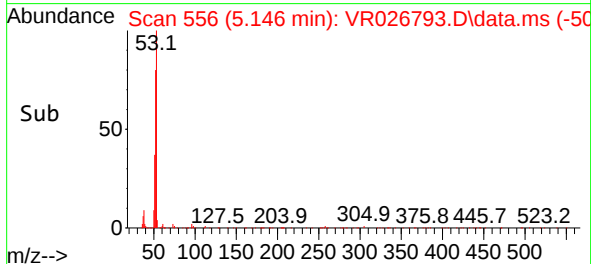
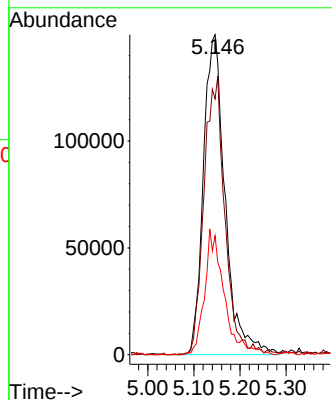
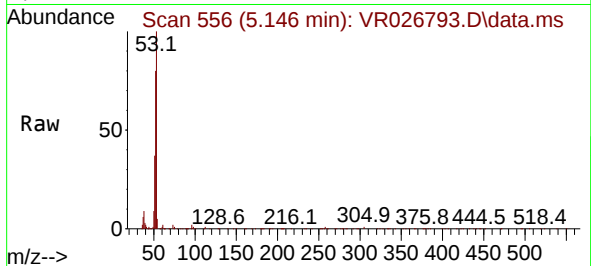




#15  
Acrylonitrile  
Concen: 280.042 ug/l  
RT: 5.146 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

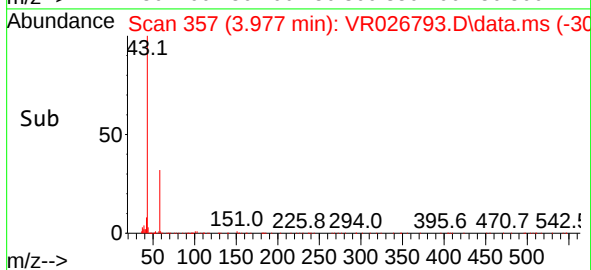
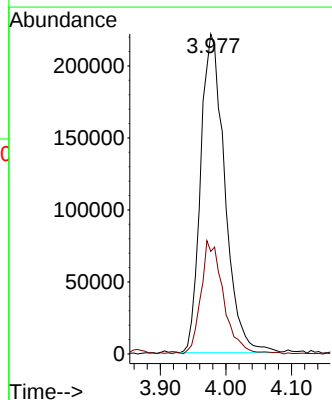
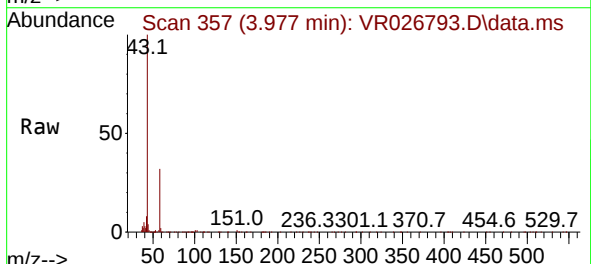
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

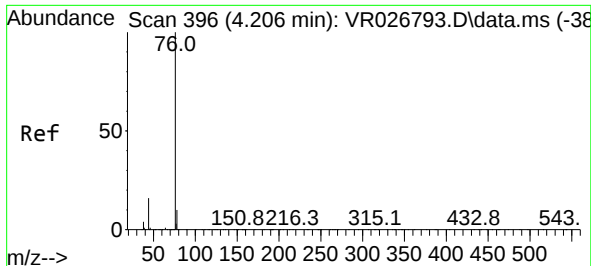
Tgt Ion: 53 Resp: 491740  
Ion Ratio Lower Upper  
53 100  
52 82.4 65.9 98.9  
51 35.1 28.1 42.1



#16  
Acetone  
Concen: 222.927 ug/l  
RT: 3.977 min Scan# 357  
Delta R.T. -0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion: 43 Resp: 566622  
Ion Ratio Lower Upper  
43 100  
58 31.9 25.5 38.3

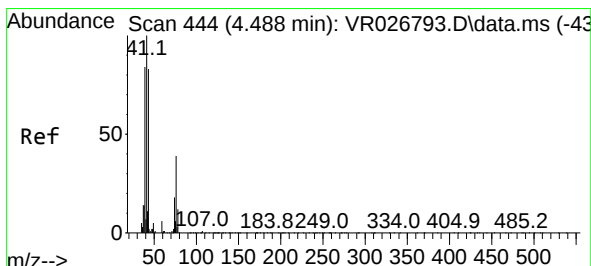
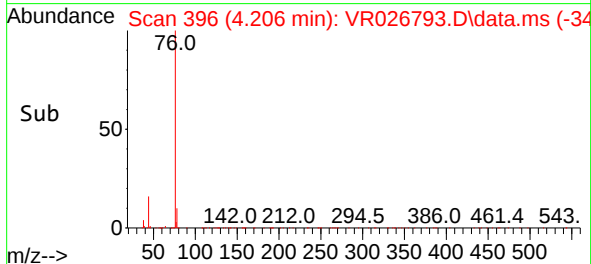
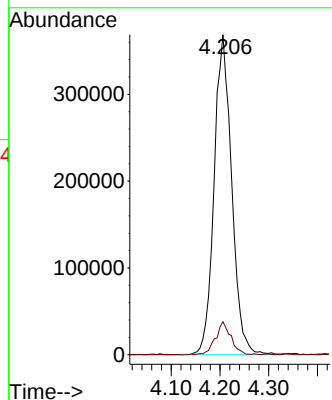
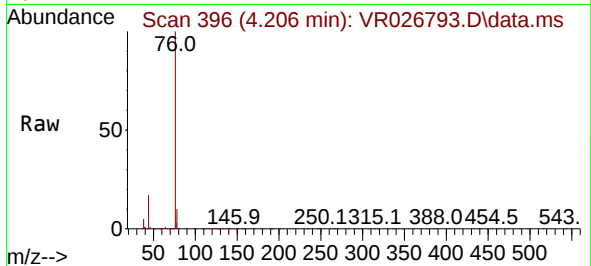




#17  
Carbon Disulfide  
Concen: 50.470 ug/l  
RT: 4.206 min Scan# 396  
Delta R.T. -0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

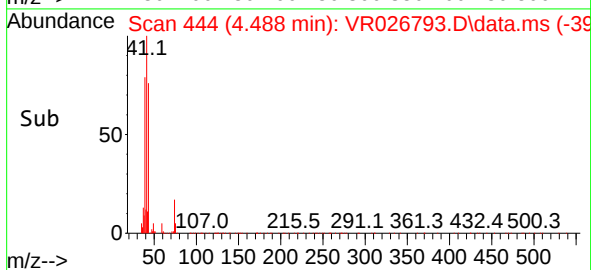
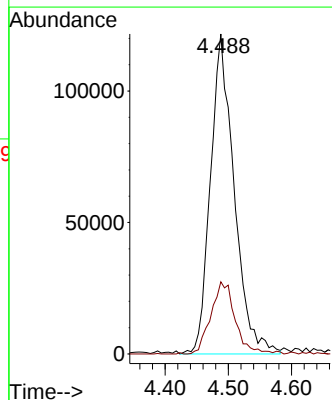
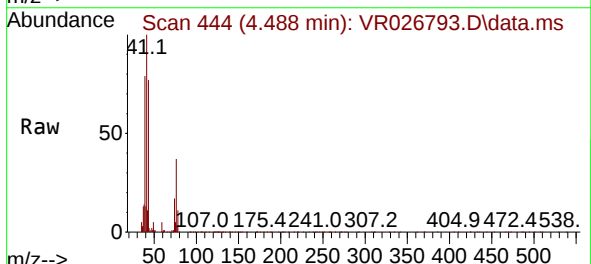
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

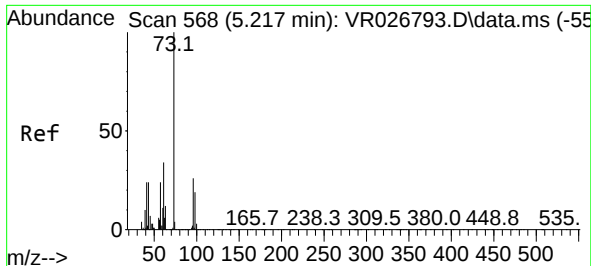
Tgt Ion: 76 Resp: 923661  
Ion Ratio Lower Upper  
76 100  
78 10.3 8.2 12.4



#18  
Methyl Acetate  
Concen: 53.663 ug/l  
RT: 4.488 min Scan# 444  
Delta R.T. -0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion: 43 Resp: 317106  
Ion Ratio Lower Upper  
43 100  
74 22.9 18.3 27.5

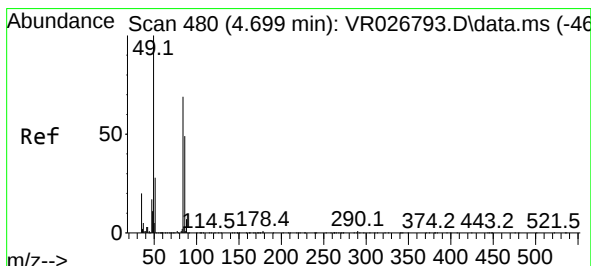
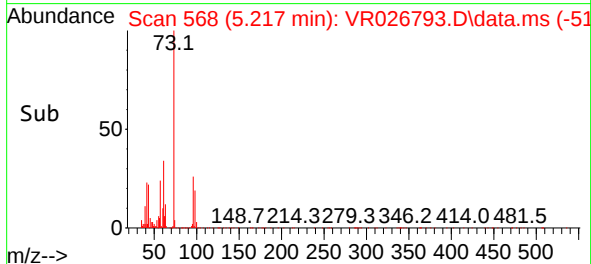
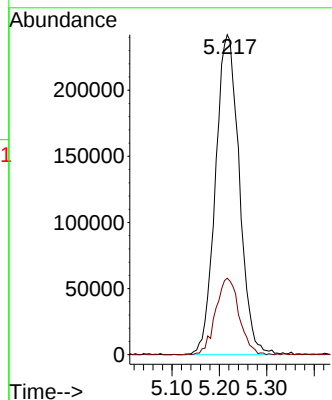
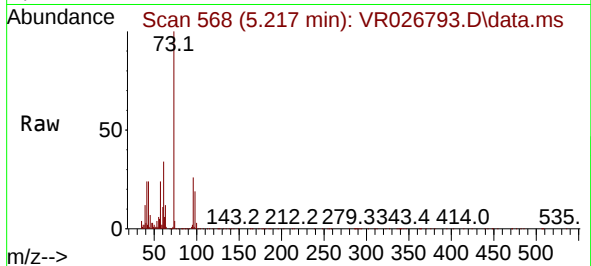




#19  
Methyl tert-butyl Ether  
Concen: 54.735 ug/l  
RT: 5.217 min Scan# 50  
Delta R.T. -0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

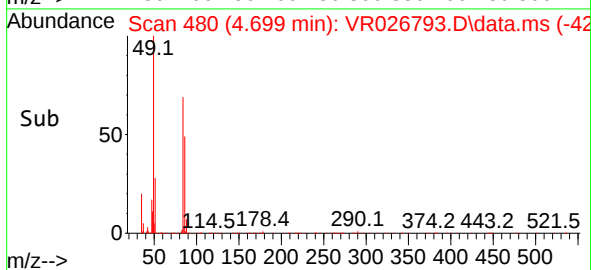
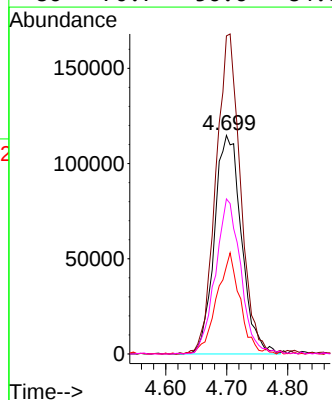
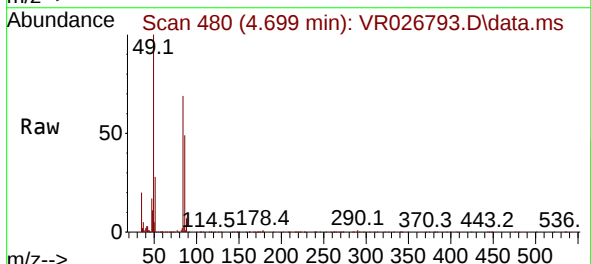
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

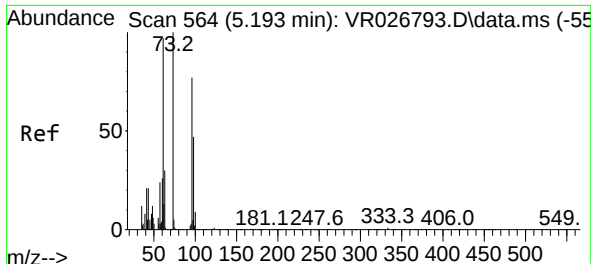
Tgt Ion: 73 Resp: 843022  
Ion Ratio Lower Upper  
73 100  
57 23.9 19.1 28.7



#20  
Methylene Chloride  
Concen: 48.551 ug/l  
RT: 4.699 min Scan# 480  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion: 84 Resp: 353732  
Ion Ratio Lower Upper  
84 100  
49 144.9 115.9 173.9  
51 39.9 31.9 47.9  
86 70.7 56.6 84.8

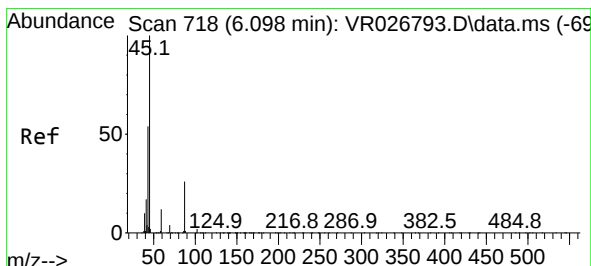
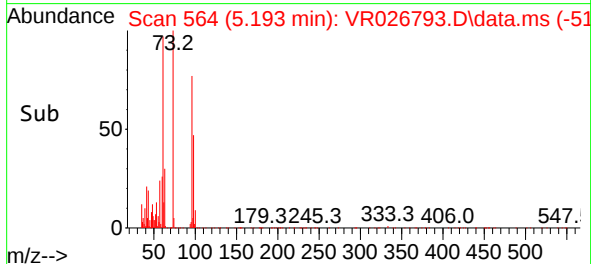
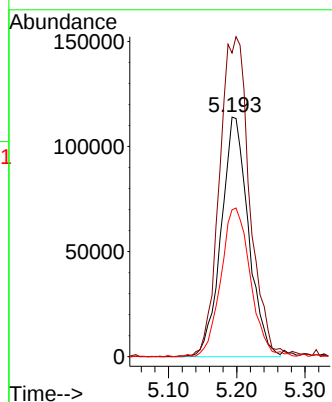
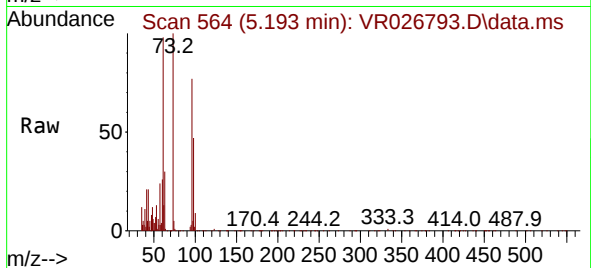




#21  
trans-1,2-Dichloroethene  
Concen: 48.518 ug/l  
RT: 5.193 min Scan# 564  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

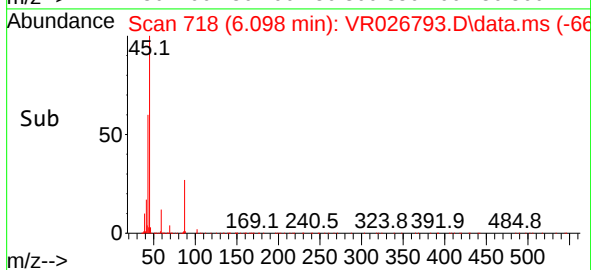
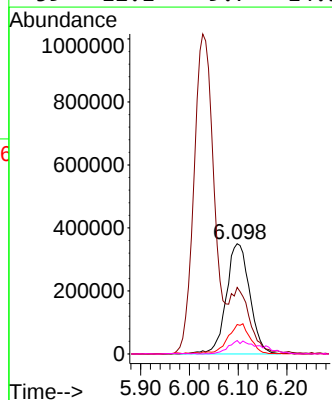
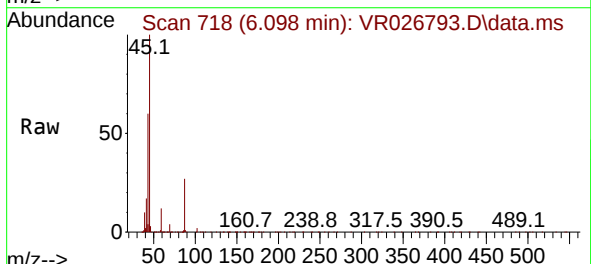
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

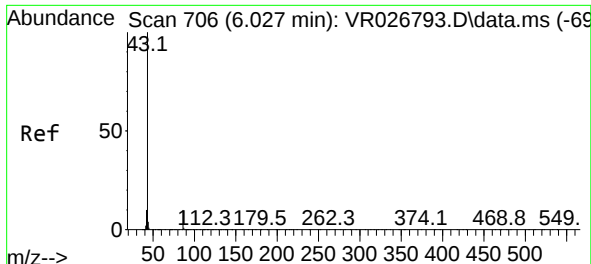
Tgt Ion: 96 Resp: 316758  
Ion Ratio Lower Upper  
96 100  
61 126.5 101.2 151.8  
98 61.2 49.0 73.4



#22  
Diisopropyl ether  
Concen: 52.451 ug/l  
RT: 6.098 min Scan# 718  
Delta R.T. -0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion: 45 Resp: 1166914  
Ion Ratio Lower Upper  
45 100  
43 58.3 46.6 70.0  
87 26.4 21.1 31.7  
59 12.1 9.7 14.5

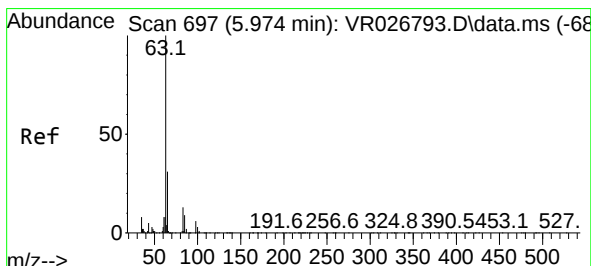
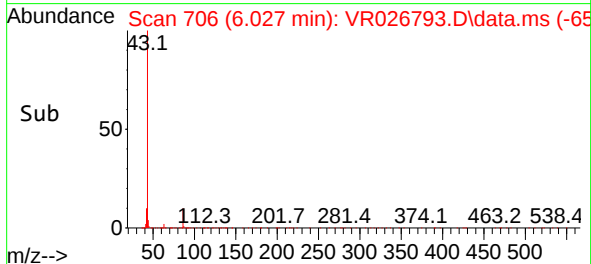
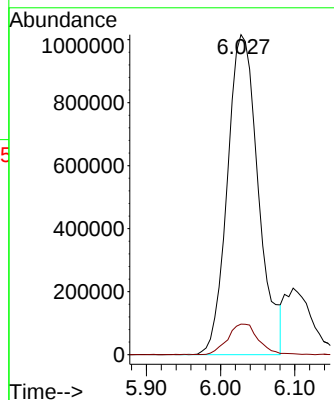
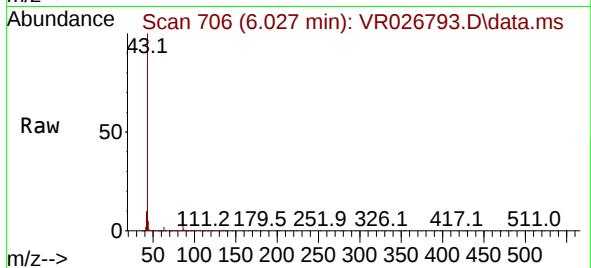




#23  
 Vinyl Acetate  
 Concen: 270.903 ug/l  
 RT: 6.027 min Scan# 706  
 Delta R.T. 0.000 min  
 Lab File: VR026793.D  
 Acq: 4 Dec 2025 13:29

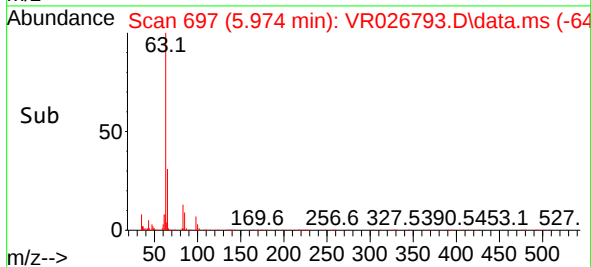
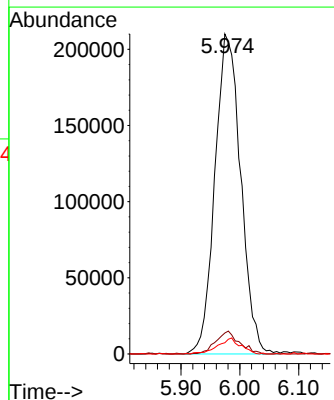
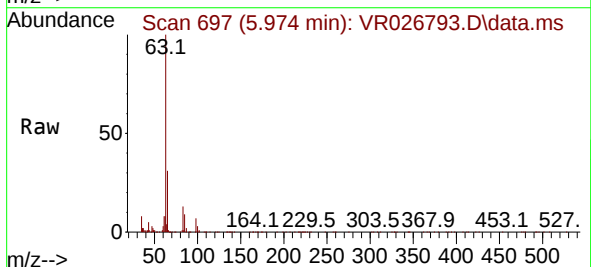
Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 VSTDICCC050

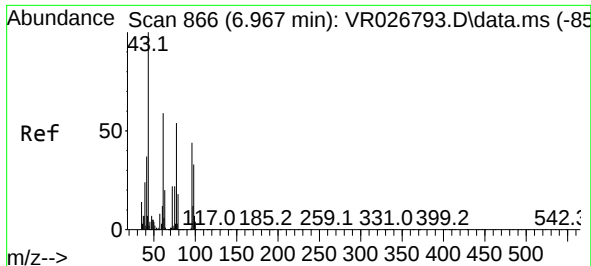
Tgt Ion: 43 Resp: 2947030  
 Ion Ratio Lower Upper  
 43 100  
 86 9.5 7.6 11.4



#24  
 1,1-Dichloroethane  
 Concen: 51.205 ug/l  
 RT: 5.974 min Scan# 697  
 Delta R.T. 0.000 min  
 Lab File: VR026793.D  
 Acq: 4 Dec 2025 13:29

Tgt Ion: 63 Resp: 639997  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.3 9.8  
 100 3.5 1.8 5.3

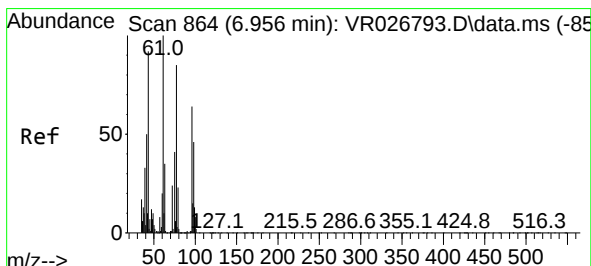
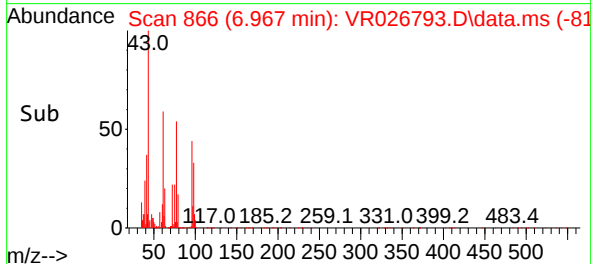
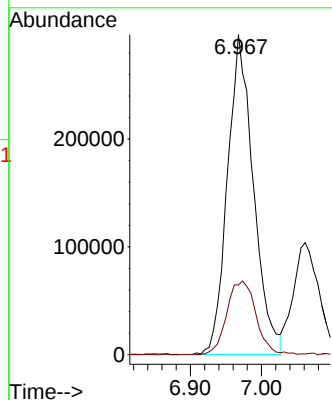
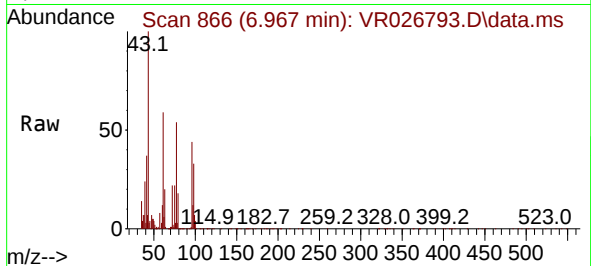




#25  
2-Butanone  
Concen: 240.202 ug/l  
RT: 6.967 min Scan# 866  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

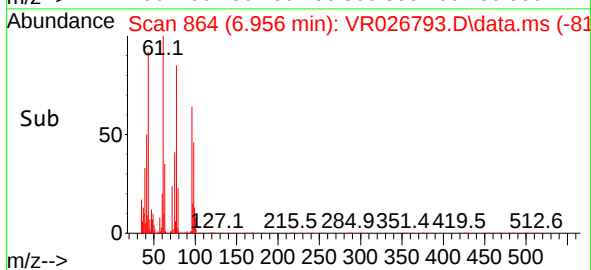
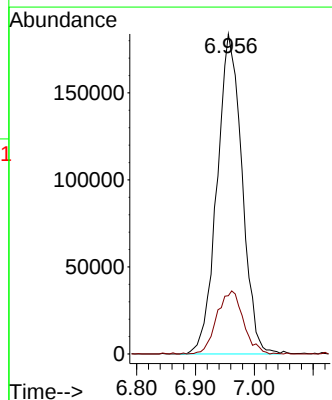
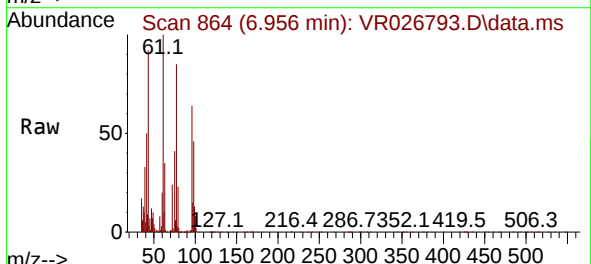
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

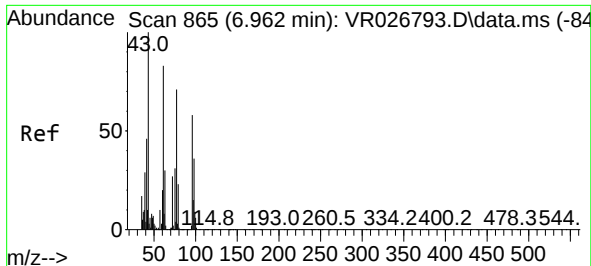
Tgt Ion: 43 Resp: 752063  
Ion Ratio Lower Upper  
43 100  
72 21.8 17.4 26.2



#26  
2,2-Dichloropropane  
Concen: 50.082 ug/l  
RT: 6.956 min Scan# 864  
Delta R.T. -0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion: 77 Resp: 541245  
Ion Ratio Lower Upper  
77 100  
97 20.9 10.4 31.4

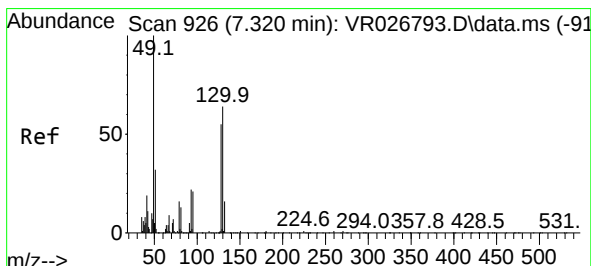
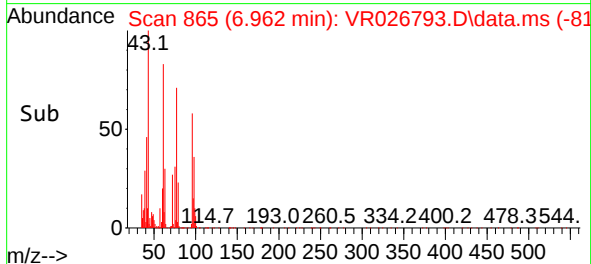
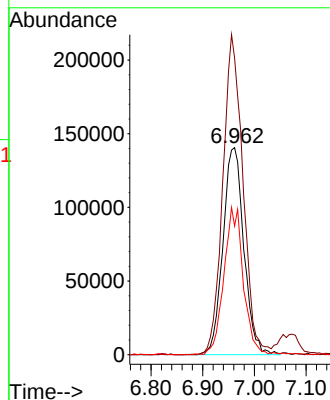
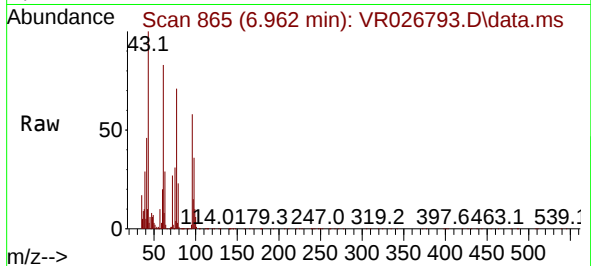




#27  
cis-1,2-Dichloroethene  
Concen: 51.790 ug/l  
RT: 6.962 min Scan# 865  
Delta R.T. -0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

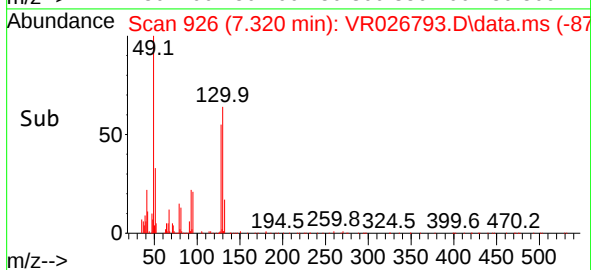
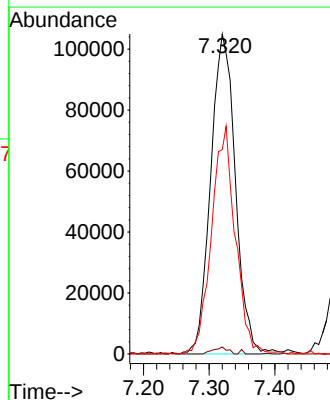
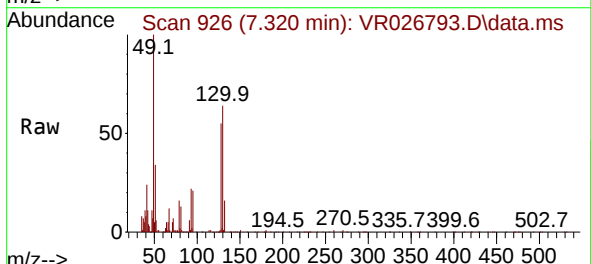
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

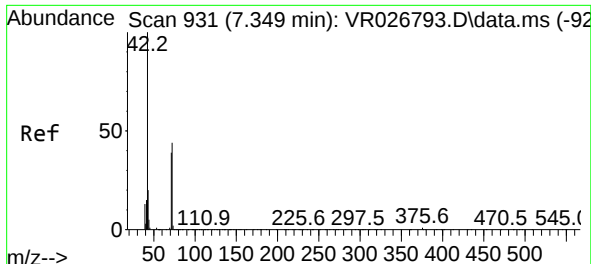
Tgt Ion: 96 Resp: 394753  
Ion Ratio Lower Upper  
96 100  
61 148.3 0.0 296.6  
98 66.0 0.0 132.0



#28  
Bromochloromethane  
Concen: 52.185 ug/l  
RT: 7.320 min Scan# 926  
Delta R.T. -0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion: 49 Resp: 274253  
Ion Ratio Lower Upper  
49 100  
129 1.3 0.0 2.6  
130 68.5 54.8 82.2

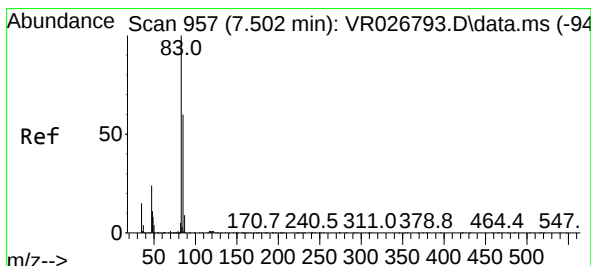
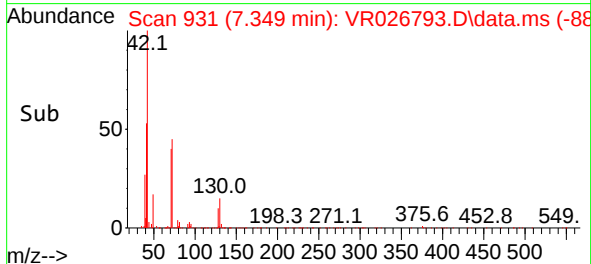
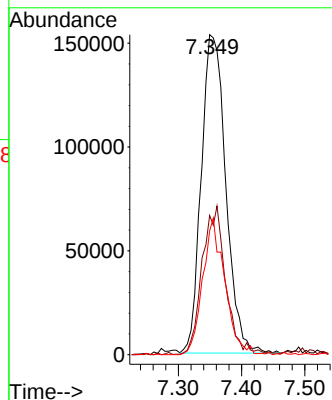
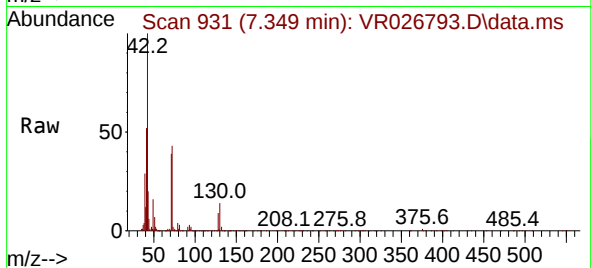




#29  
Tetrahydrofuran  
Concen: 290.909 ug/l  
RT: 7.349 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

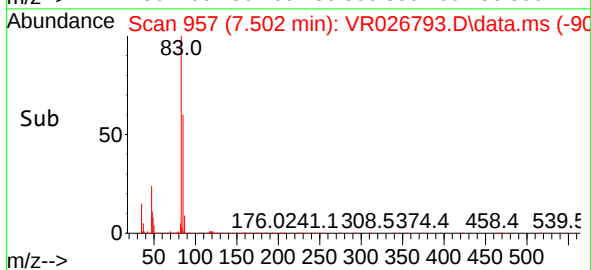
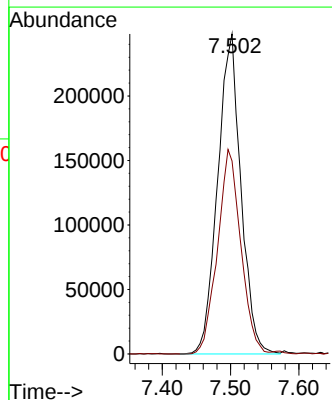
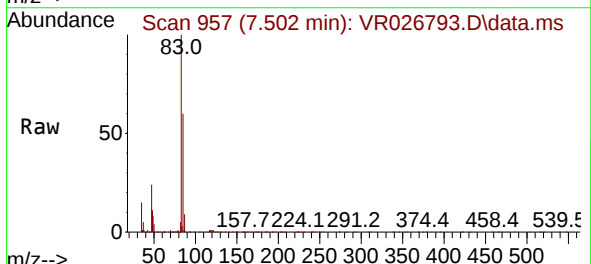
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

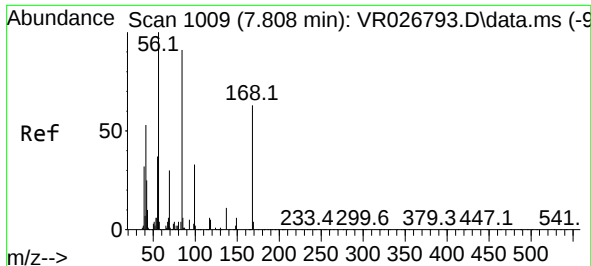
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 413976 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 44.3  | 35.4  | 53.2   |
| 71       | 38.5  | 30.8  | 46.2   |



#30  
Chloroform  
Concen: 51.249 ug/l  
RT: 7.502 min Scan# 957  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 588640 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 60.3  | 48.2  | 72.4   |

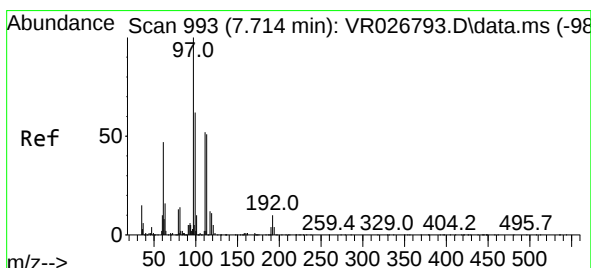
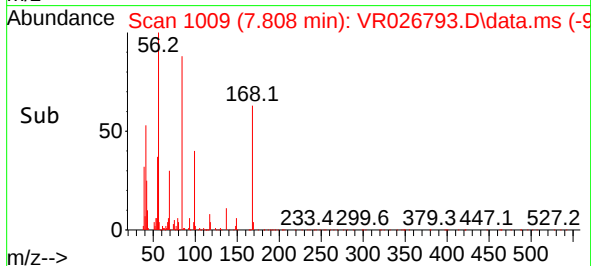
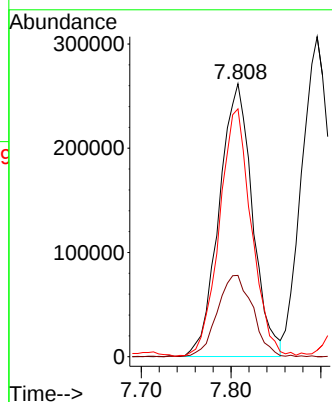
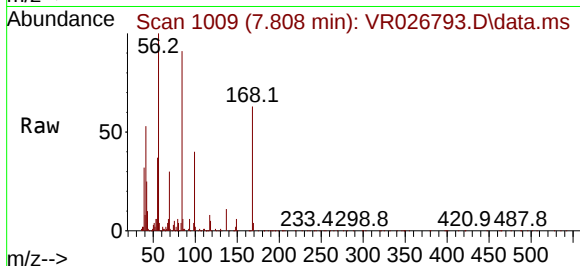




#31  
Cyclohexane  
Concen: 50.187 ug/l  
RT: 7.808 min Scan# 1009  
Delta R.T. -0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

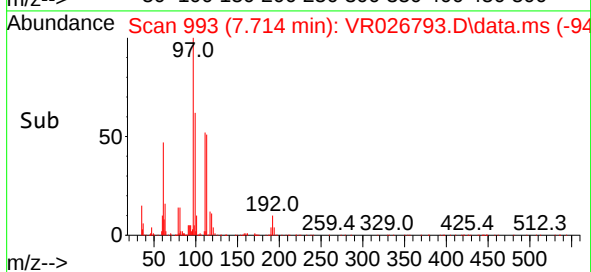
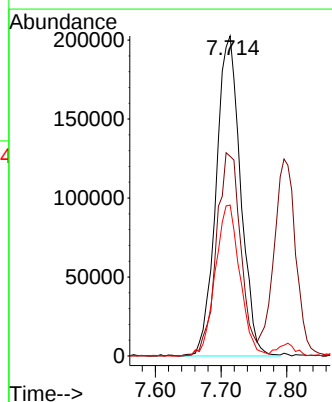
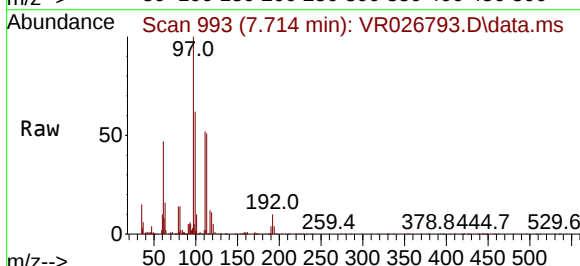
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

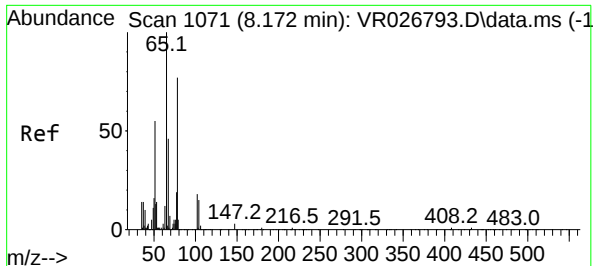
Tgt Ion: 56 Resp: 674050  
Ion Ratio Lower Upper  
56 100  
69 29.7 23.8 35.6  
84 90.4 72.3 108.5



#32  
1,1,1-Trichloroethane  
Concen: 52.515 ug/l  
RT: 7.714 min Scan# 993  
Delta R.T. -0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion: 97 Resp: 524488  
Ion Ratio Lower Upper  
97 100  
99 63.0 50.4 75.6  
61 47.4 37.9 56.9





#33

1,2-Dichloroethane-d4

Concen: 55.051 ug/l

RT: 8.172 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VR026793.D

Acq: 4 Dec 2025 13:29

Instrument :

MSVOA\_R

ClientSampleId :

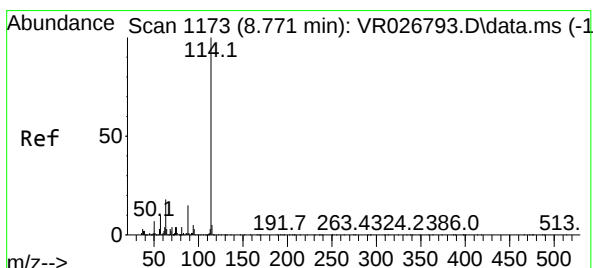
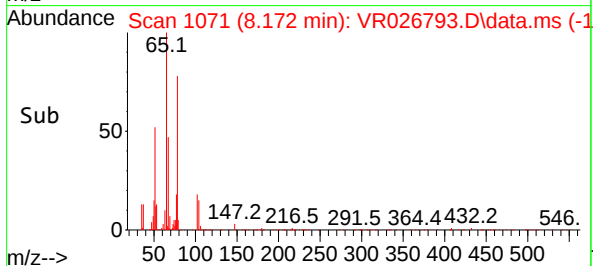
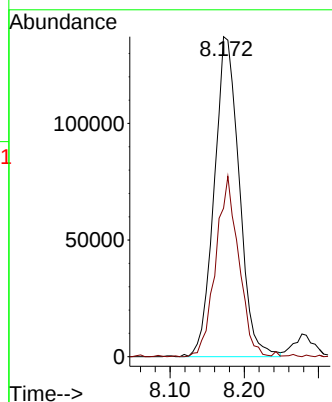
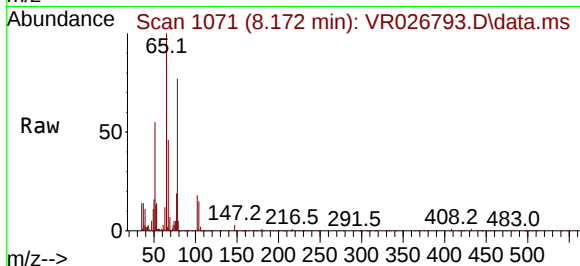
VSTDICCC050

Tgt Ion: 65 Resp: 321297

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.771 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VR026793.D

Acq: 4 Dec 2025 13:29

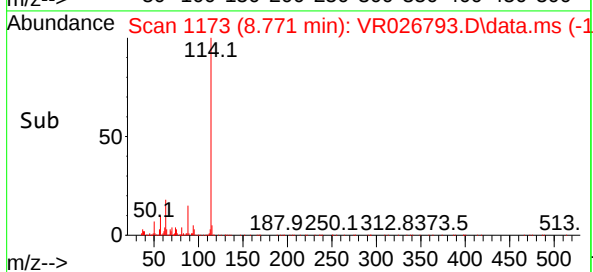
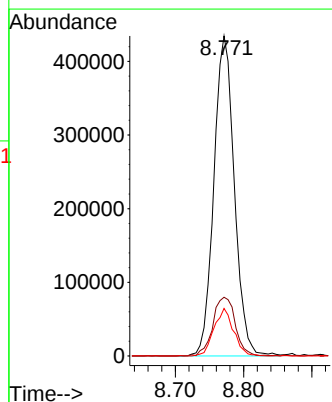
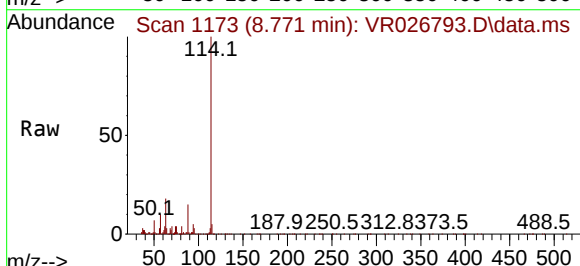
Tgt Ion: 114 Resp: 908779

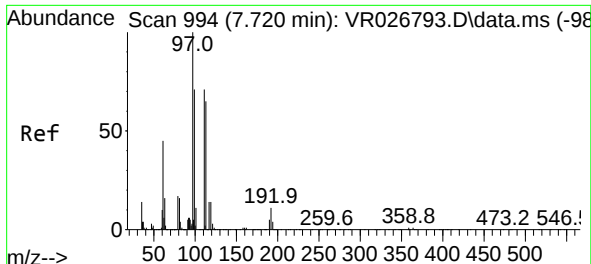
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.6

88 14.9 0.0 29.8

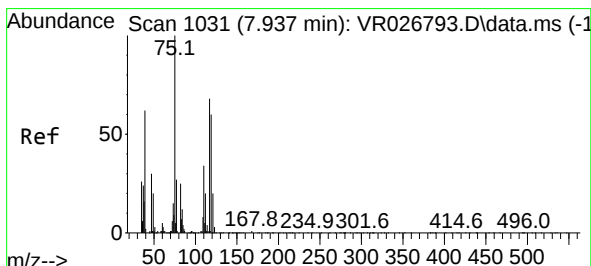
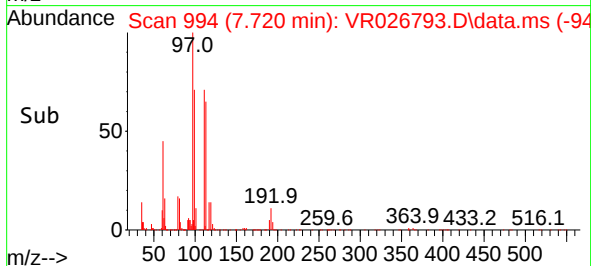
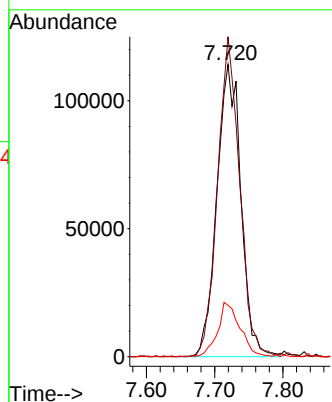
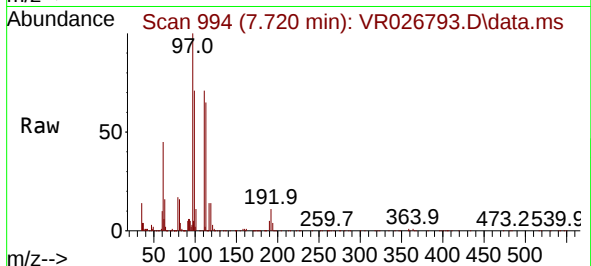




#35  
Dibromofluoromethane  
Concen: 54.379 ug/l  
RT: 7.720 min Scan# 994  
Delta R.T. -0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

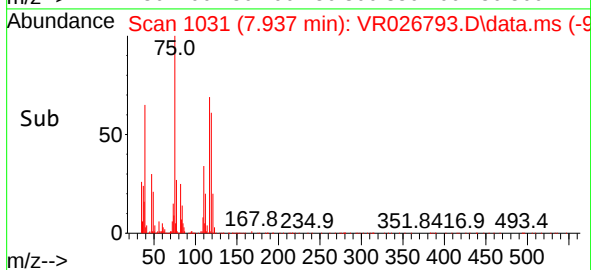
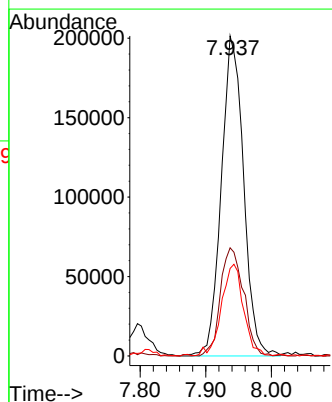
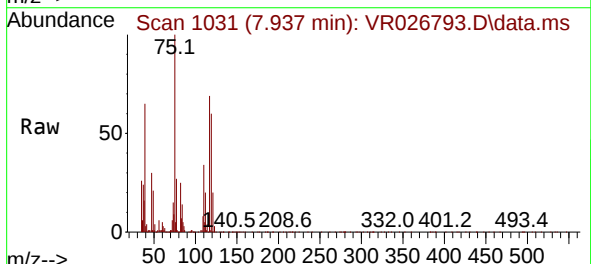
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

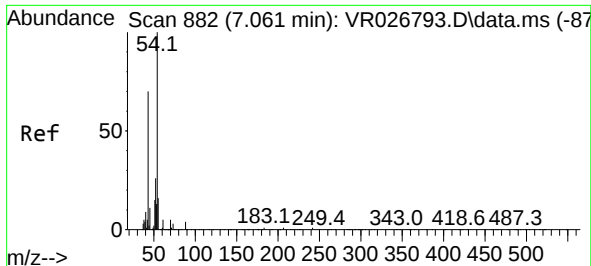
Tgt Ion:113 Resp: 280051  
Ion Ratio Lower Upper  
113 100  
111 100.6 80.5 120.7  
192 17.3 13.8 20.8



#36  
1,1-Dichloropropene  
Concen: 49.928 ug/l  
RT: 7.937 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion: 75 Resp: 474875  
Ion Ratio Lower Upper  
75 100  
110 35.1 17.5 52.6  
77 28.0 22.4 33.6

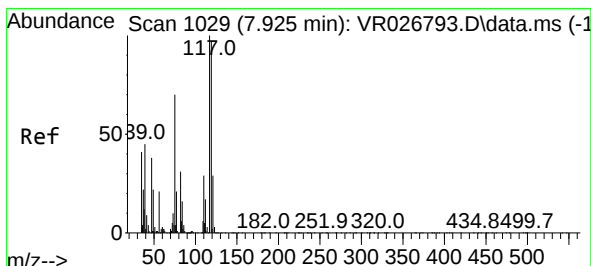
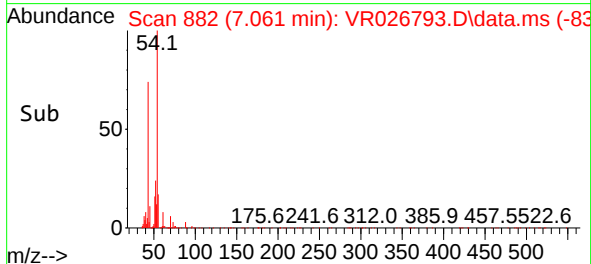
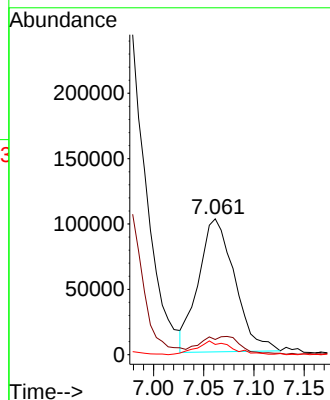
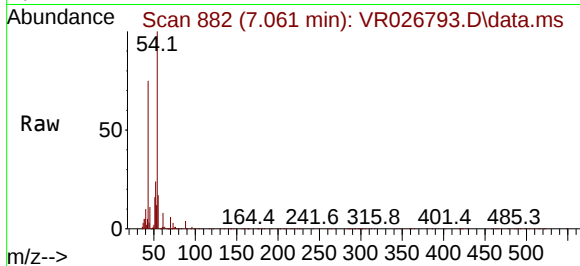




#37  
Ethyl Acetate  
Concen: 53.963 ug/l  
RT: 7.061 min Scan# 882  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

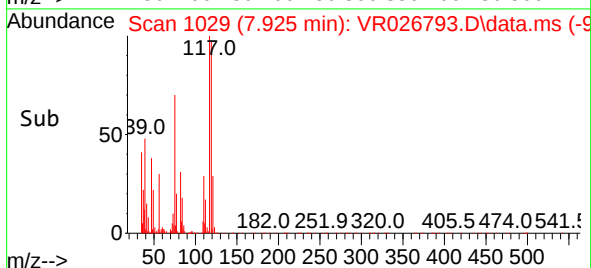
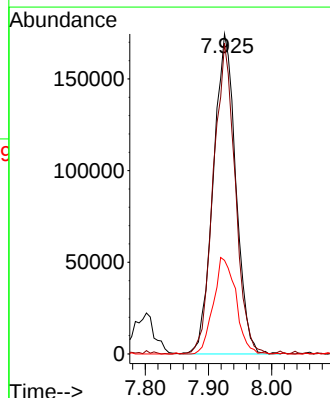
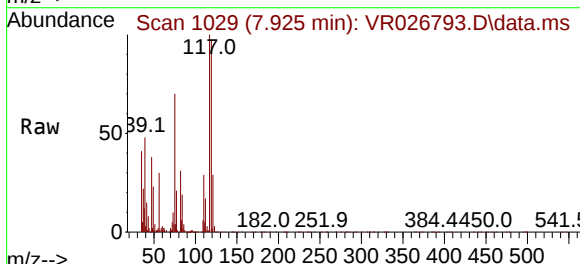
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

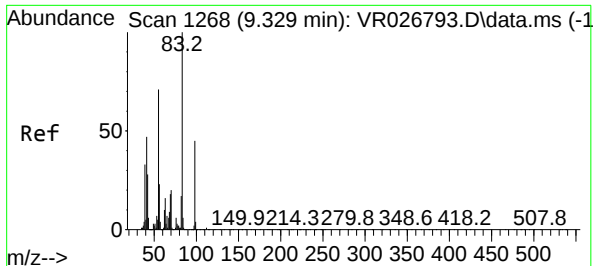
Tgt Ion: 43 Resp: 256276  
Ion Ratio Lower Upper  
43 100  
61 15.0 12.0 18.0  
70 9.7 7.8 11.6



#38  
Carbon Tetrachloride  
Concen: 51.096 ug/l  
RT: 7.925 min Scan# 1029  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion: 117 Resp: 431807  
Ion Ratio Lower Upper  
117 100  
119 96.9 77.5 116.3  
121 29.3 23.4 35.2

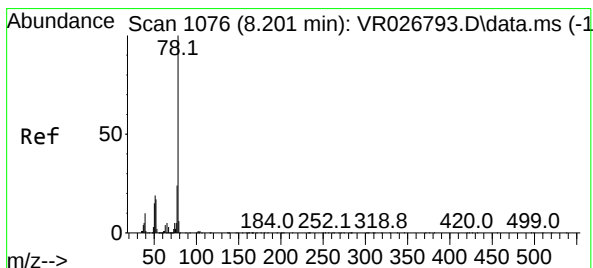
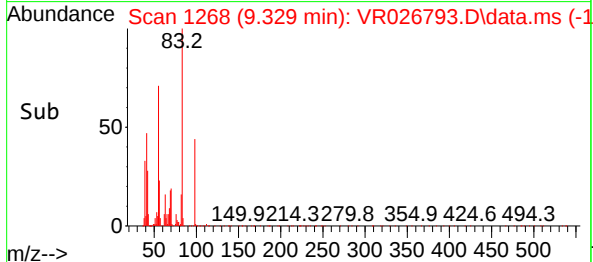
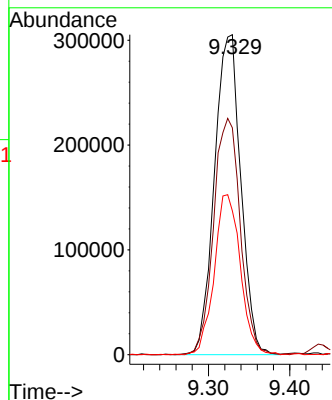
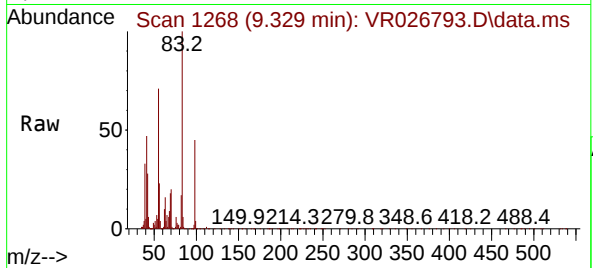




#39  
Methylcyclohexane  
Concen: 48.575 ug/l  
RT: 9.329 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

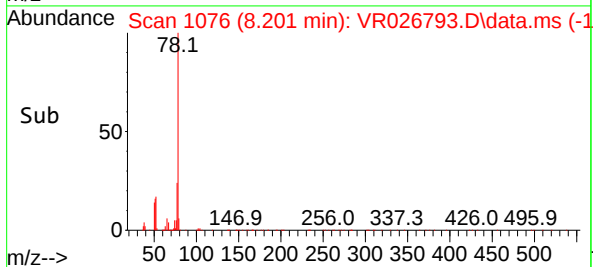
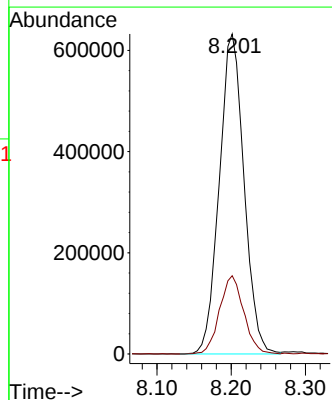
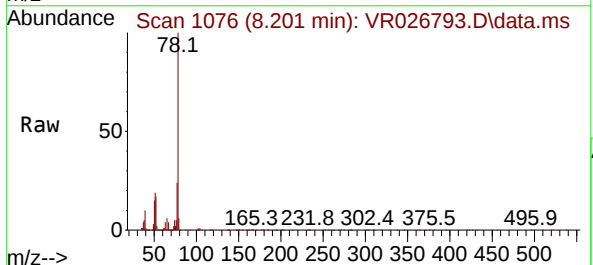
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

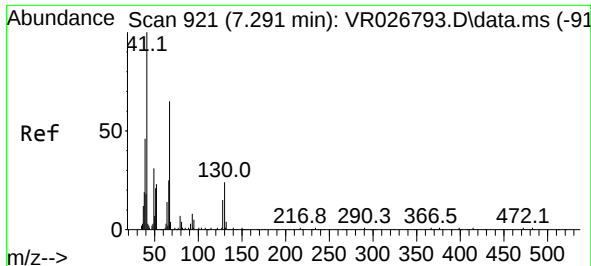
Tgt Ion: 83 Resp: 689186  
Ion Ratio Lower Upper  
83 100  
55 70.8 56.6 85.0  
98 45.0 36.0 54.0



#40  
Benzene  
Concen: 50.251 ug/l  
RT: 8.201 min Scan# 1076  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion: 78 Resp: 1463499  
Ion Ratio Lower Upper  
78 100  
77 24.4 19.5 29.3



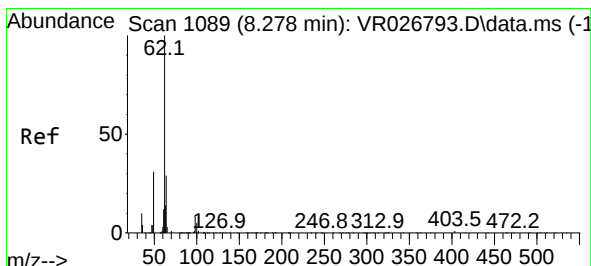
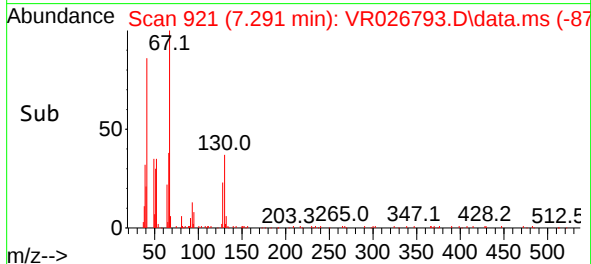
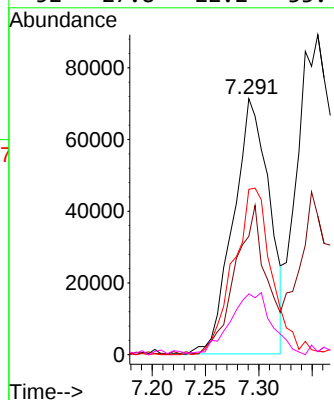
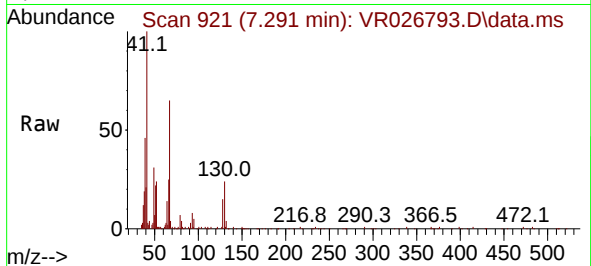


#41  
Methacrylonitrile  
Concen: 56.371 ug/l  
RT: 7.291 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

Tgt Ion: 41 Resp: 167900

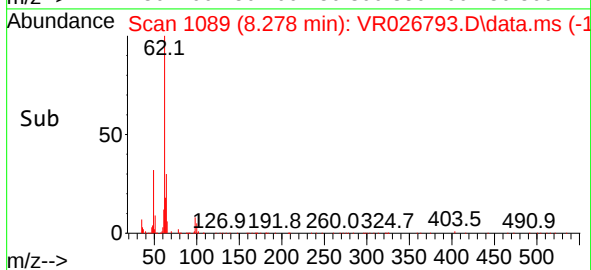
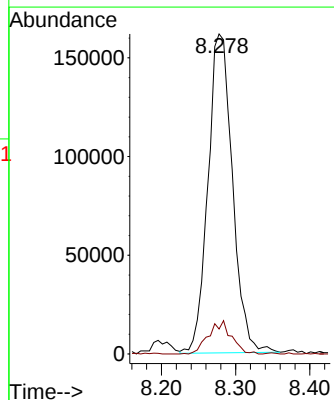
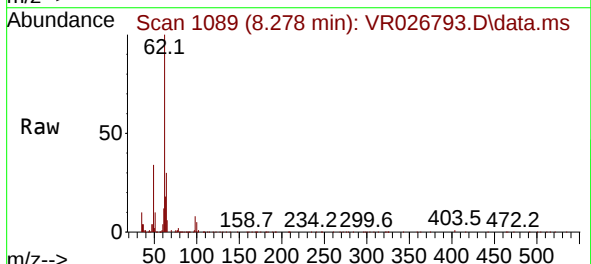
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 50.5  | 40.4  | 60.6  |
| 67  | 69.4  | 55.5  | 83.3  |
| 52  | 27.8  | 22.2  | 33.4  |

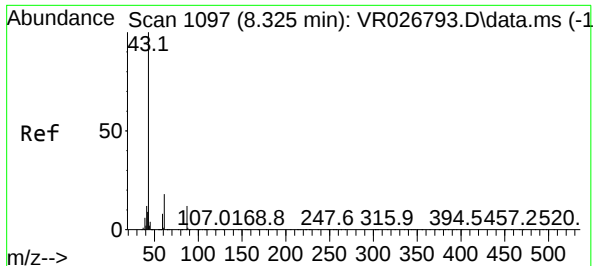


#42  
1,2-Dichloroethane  
Concen: 51.481 ug/l  
RT: 8.278 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion: 62 Resp: 371136

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.6   | 0.0   | 19.2  |

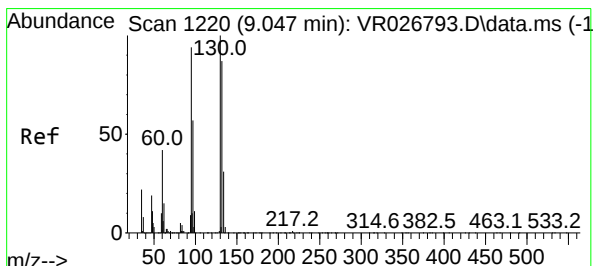
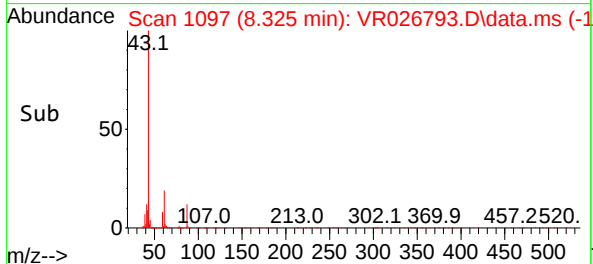
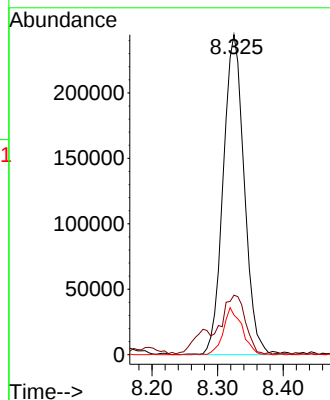
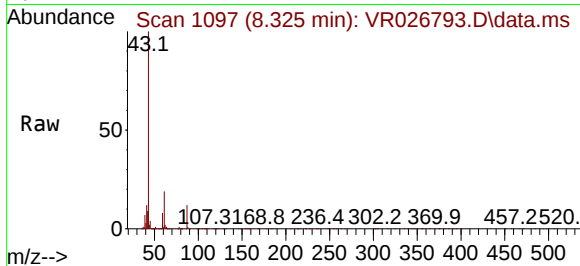




#43  
Isopropyl Acetate  
Concen: 54.339 ug/l  
RT: 8.325 min Scan# 1097  
Delta R.T. -0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

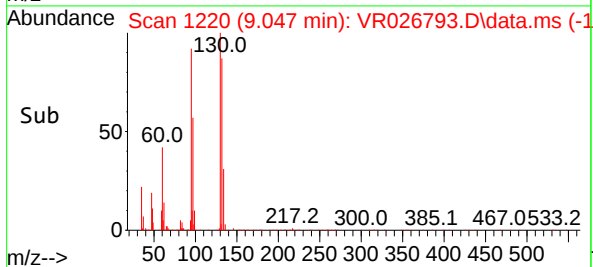
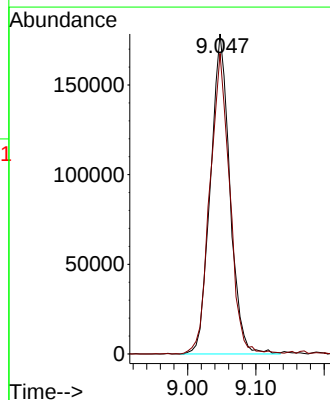
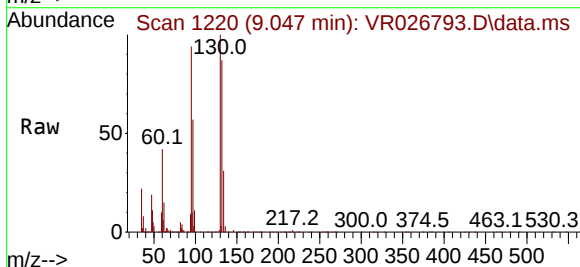
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

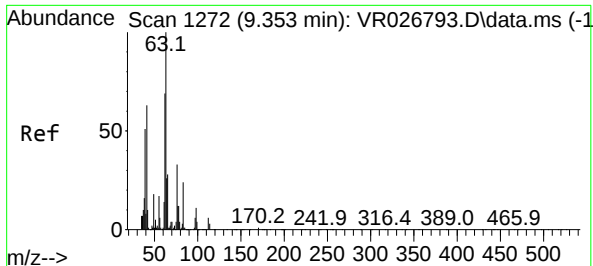
Tgt Ion: 43 Resp: 542872  
Ion Ratio Lower Upper  
43 100  
61 21.3 17.0 25.6  
87 13.1 10.5 15.7



#44  
Trichloroethene  
Concen: 51.069 ug/l  
RT: 9.047 min Scan# 1220  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion: 130 Resp: 353585  
Ion Ratio Lower Upper  
130 100  
95 94.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 51.408 ug/l

RT: 9.353 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VR026793.D

Acq: 4 Dec 2025 13:29

Instrument :

MSVOA\_R

ClientSampleId :

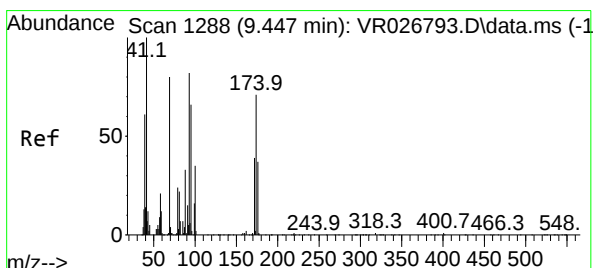
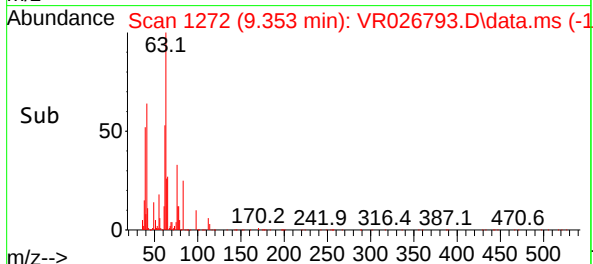
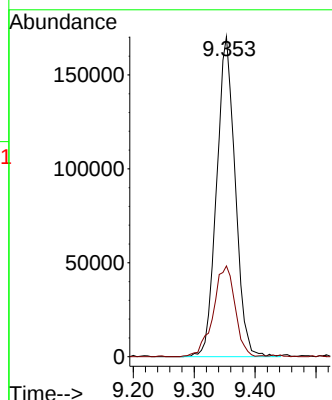
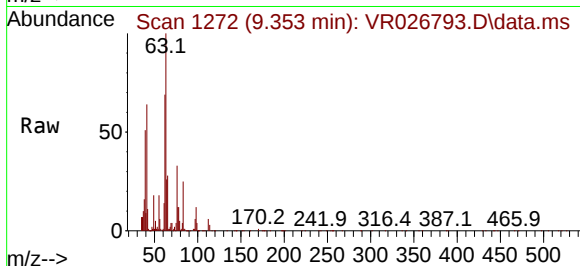
VSTDICCC050

Tgt Ion: 63 Resp: 360196

Ion Ratio Lower Upper

63 100

65 28.4 22.7 34.1



#46

Dibromomethane

Concen: 53.402 ug/l

RT: 9.447 min Scan# 1288

Delta R.T. -0.000 min

Lab File: VR026793.D

Acq: 4 Dec 2025 13:29

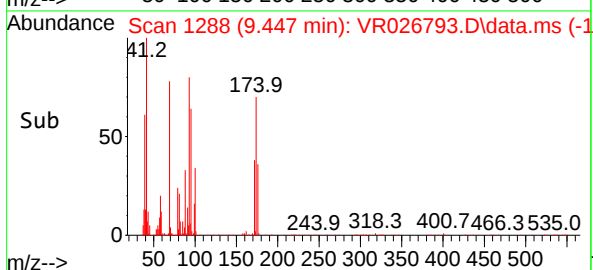
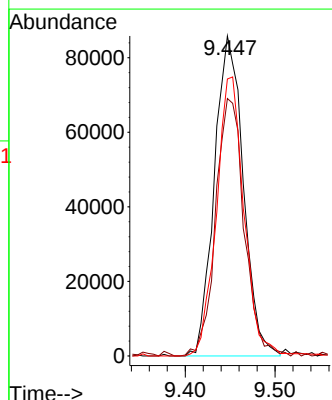
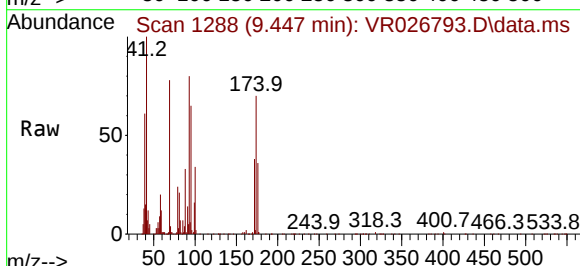
Tgt Ion: 93 Resp: 191650

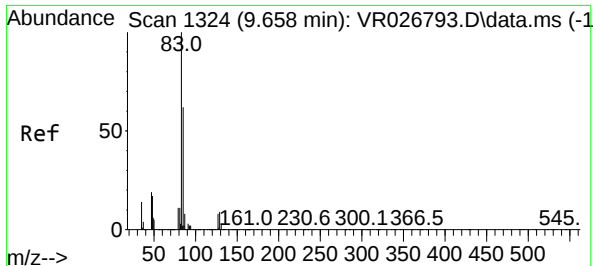
Ion Ratio Lower Upper

93 100

95 79.3 63.4 95.2

174 83.9 67.1 100.7

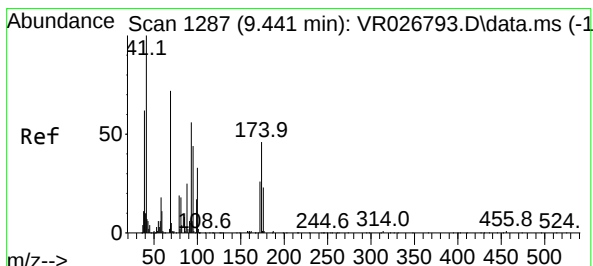
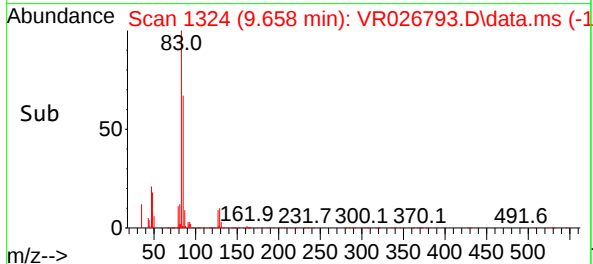
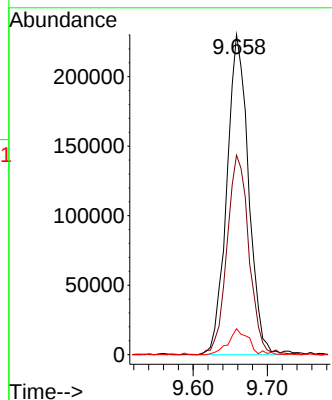
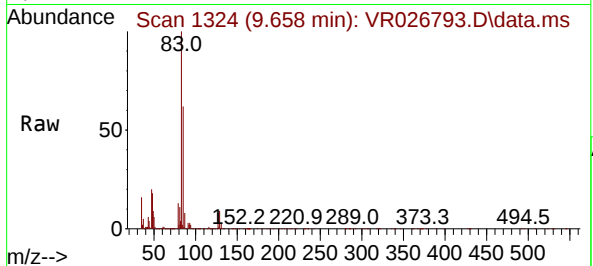




#47  
Bromodichloromethane  
Concen: 52.282 ug/l  
RT: 9.658 min Scan# 1324  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

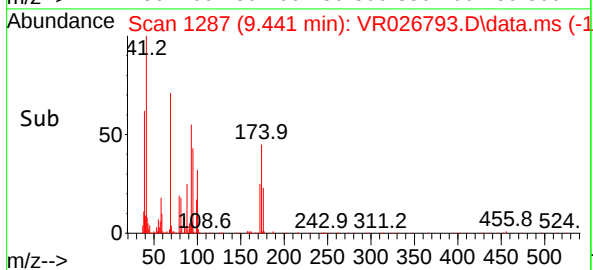
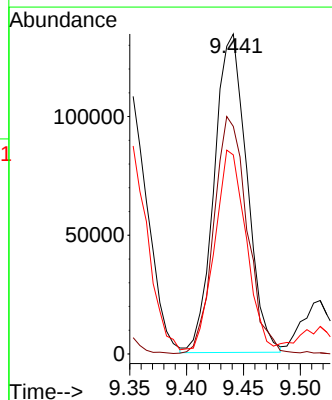
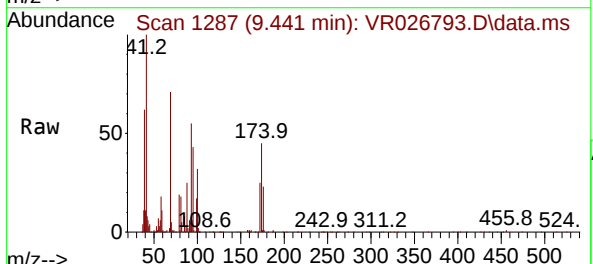
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

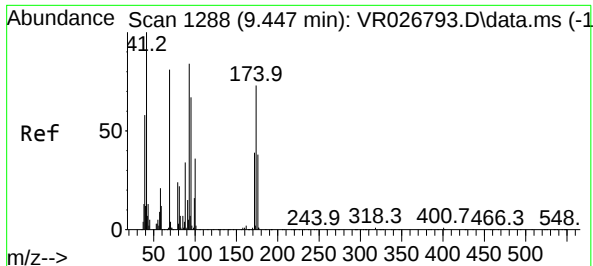
Tgt Ion: 83 Resp: 468018  
Ion Ratio Lower Upper  
83 100  
85 62.3 49.8 74.8  
127 8.1 6.5 9.7



#48  
Methyl methacrylate  
Concen: 54.560 ug/l  
RT: 9.441 min Scan# 1287  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion: 41 Resp: 268236  
Ion Ratio Lower Upper  
41 100  
69 75.7 60.6 90.8  
39 60.2 48.2 72.2





#49

1,4-Dioxane

Concen: 1041.874 ug/l

RT: 9.447 min Scan# 1288

Delta R.T. -0.000 min

Lab File: VR026793.D

Acq: 4 Dec 2025 13:29

Instrument :

MSVOA\_R

ClientSampleId :

VSTDICCC050

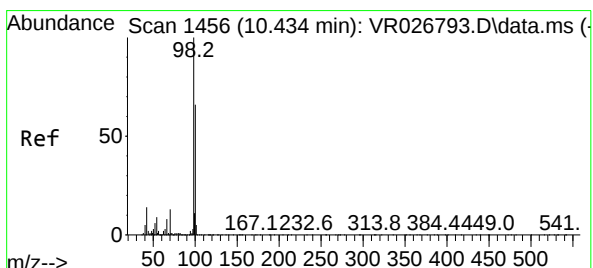
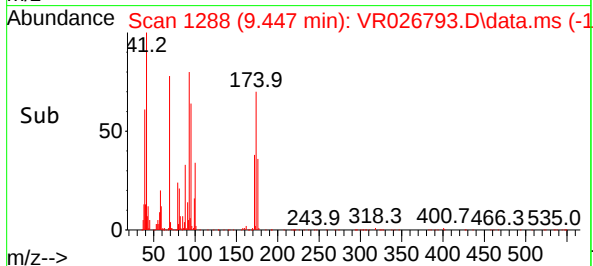
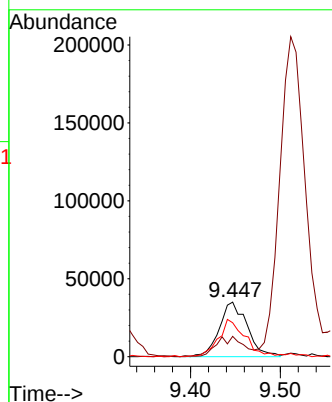
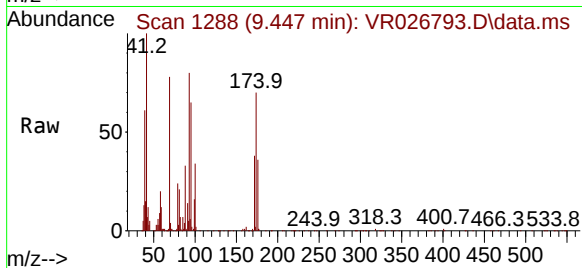
Tgt Ion: 88 Resp: 75382

Ion Ratio Lower Upper

88 100

43 17.6 14.1 21.1

58 65.7 52.6 78.8



#50

Toluene-d8

Concen: 53.394 ug/l

RT: 10.434 min Scan# 1456

Delta R.T. 0.000 min

Lab File: VR026793.D

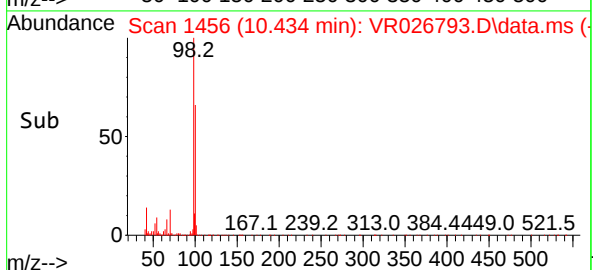
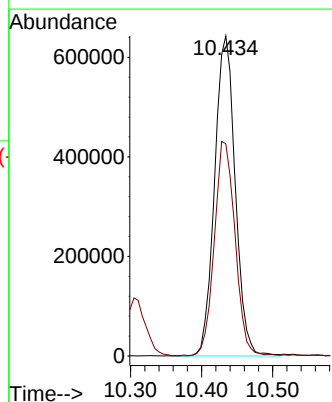
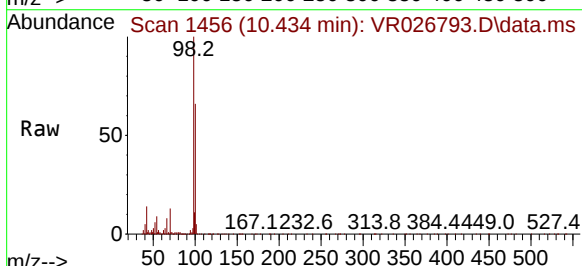
Acq: 4 Dec 2025 13:29

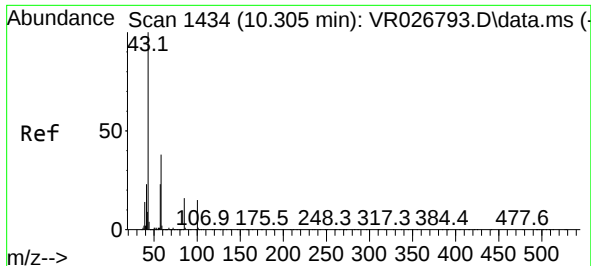
Tgt Ion: 98 Resp: 1294962

Ion Ratio Lower Upper

98 100

100 67.2 53.8 80.6

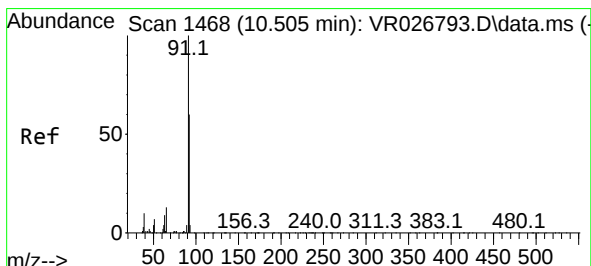
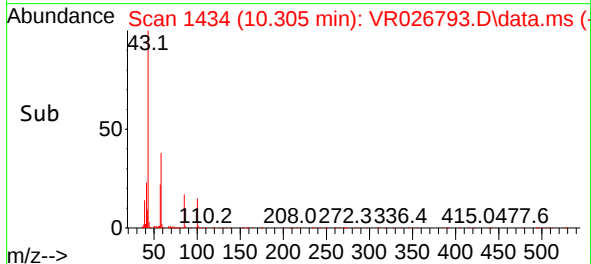
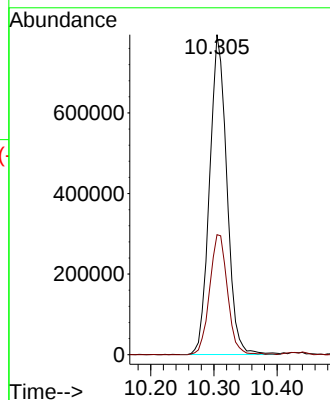
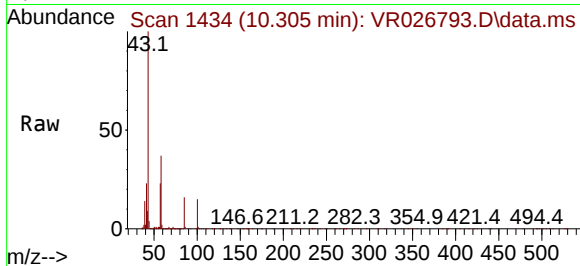




#51  
4-Methyl-2-Pentanone  
Concen: 284.202 ug/l  
RT: 10.305 min Scan# 1434  
Delta R.T. -0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

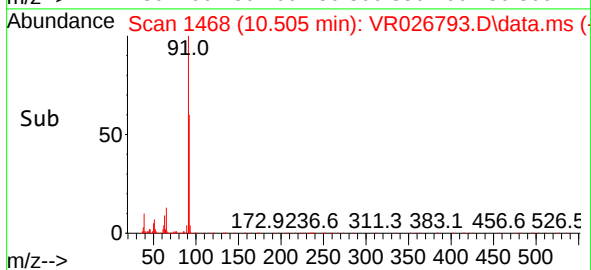
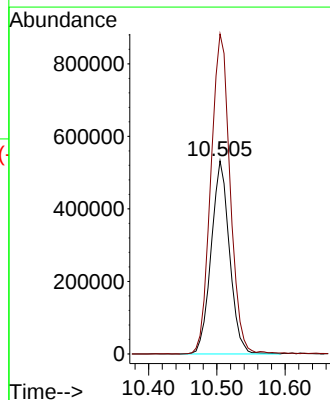
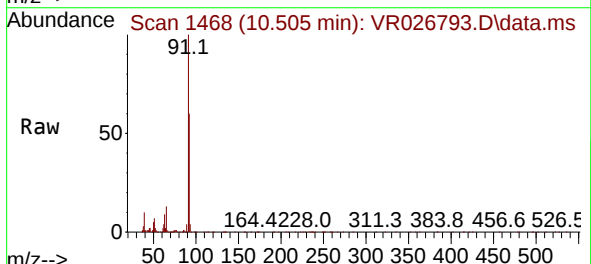
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

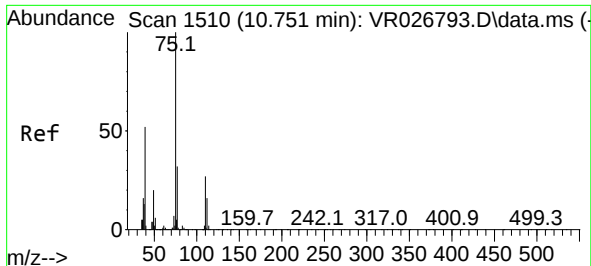
Tgt Ion: 43 Resp: 1508267  
Ion Ratio Lower Upper  
43 100  
58 38.9 31.1 46.7



#52  
Toluene  
Concen: 51.034 ug/l  
RT: 10.505 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion: 92 Resp: 995765  
Ion Ratio Lower Upper  
92 100  
91 174.6 139.7 209.5

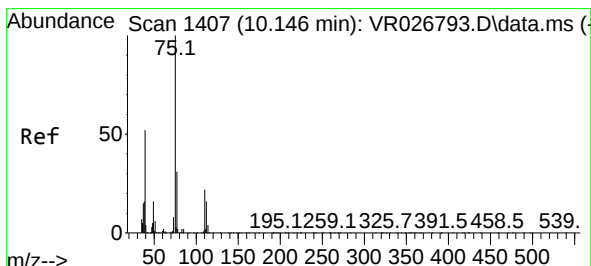
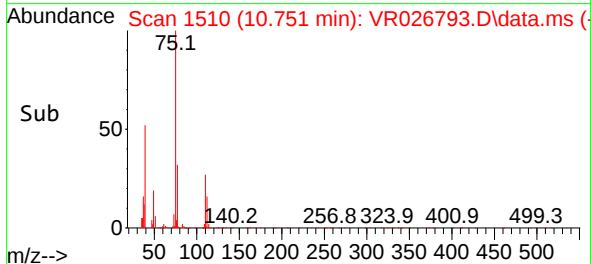
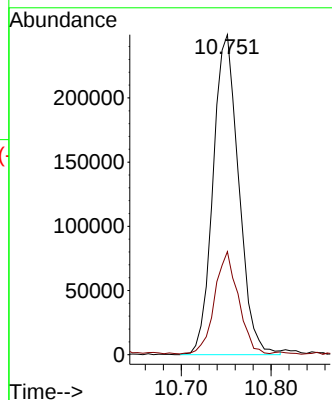
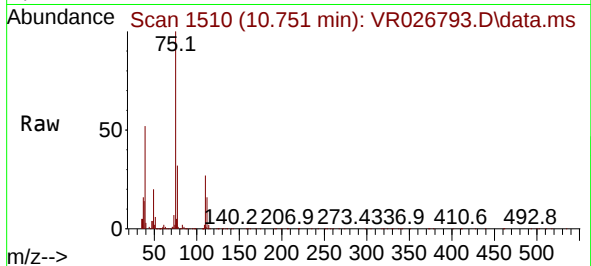




#53  
t-1,3-Dichloropropene  
Concen: 53.715 ug/l  
RT: 10.751 min Scan# 1510  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

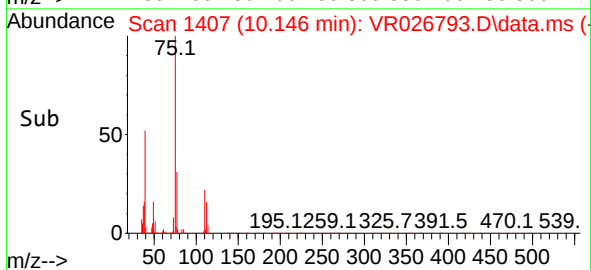
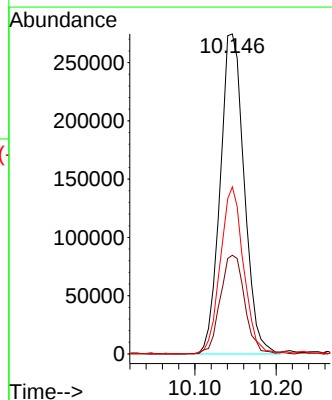
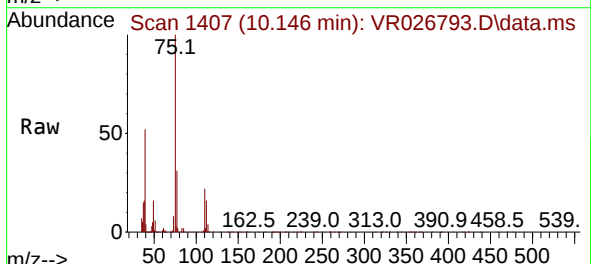
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

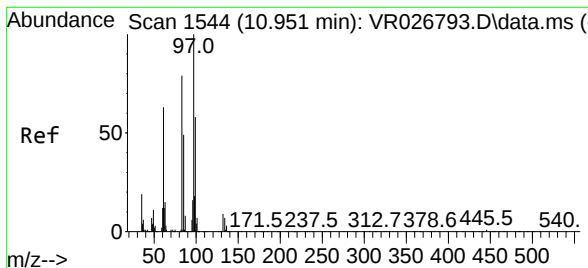
Tgt Ion: 75 Resp: 494436  
Ion Ratio Lower Upper  
75 100  
77 32.0 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 51.229 ug/l  
RT: 10.146 min Scan# 1407  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion: 75 Resp: 563785  
Ion Ratio Lower Upper  
75 100  
77 30.8 24.6 37.0  
39 52.2 41.8 62.6



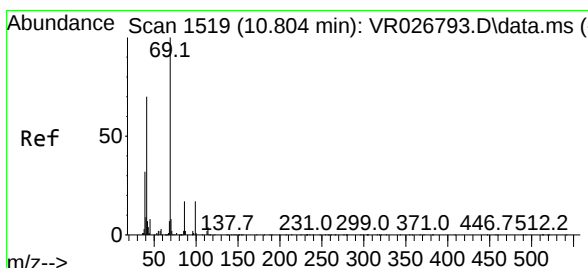
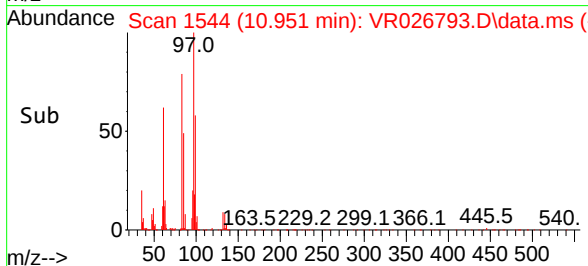
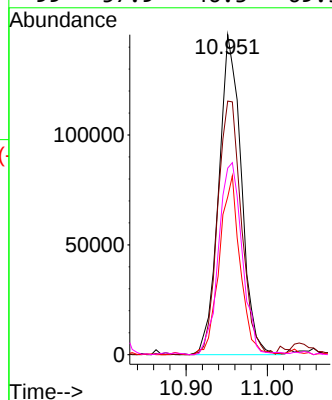
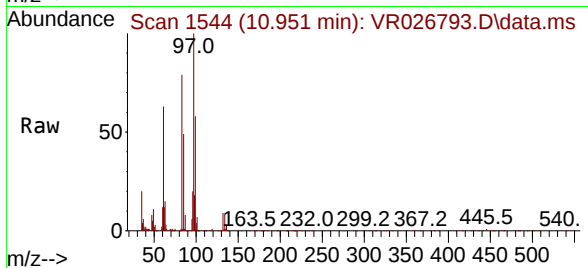


#55  
1,1,2-Trichloroethane  
Concen: 54.342 ug/l  
RT: 10.951 min Scan# 1544  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

Tgt Ion: 97 Resp: 280521

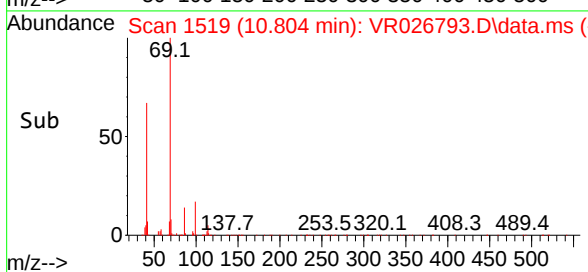
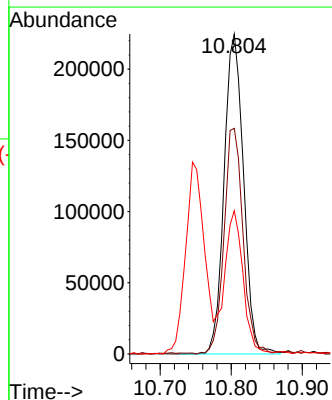
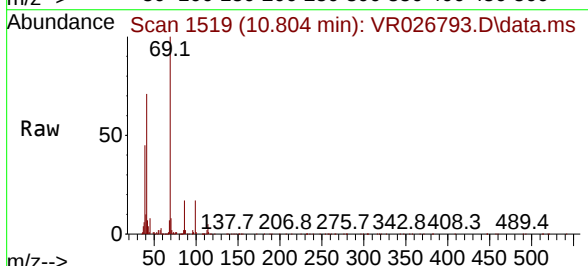
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 79.3  | 63.4  | 95.2  |
| 85  | 49.0  | 39.2  | 58.8  |
| 99  | 57.9  | 46.3  | 69.5  |

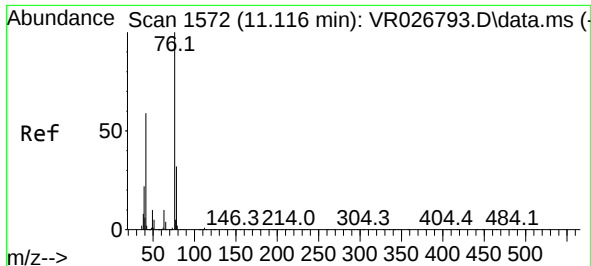


#56  
Ethyl methacrylate  
Concen: 55.475 ug/l  
RT: 10.804 min Scan# 1519  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion: 69 Resp: 423748

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 69.1  | 55.3  | 82.9  |
| 39  | 42.1  | 33.7  | 50.5  |

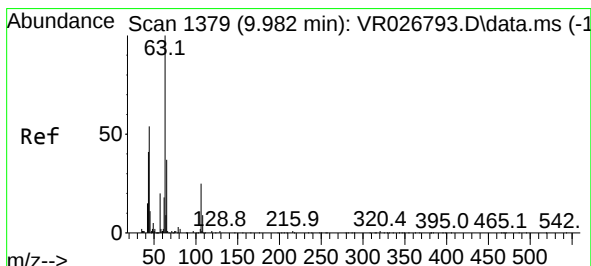
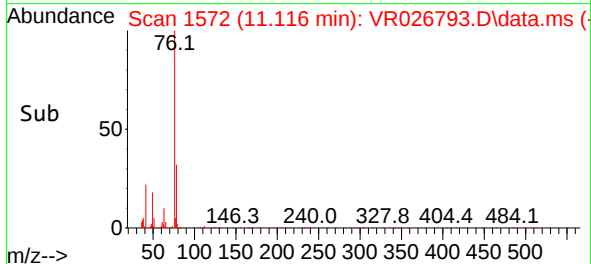
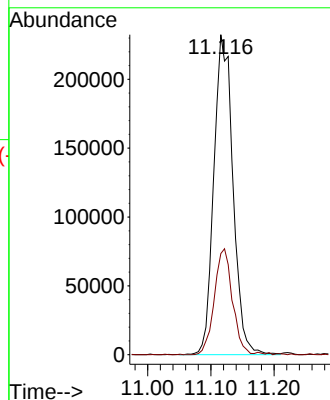
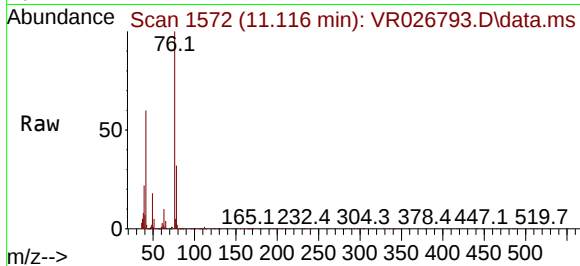




#57  
1,3-Dichloropropane  
Concen: 52.140 ug/l  
RT: 11.116 min Scan# 1572  
Delta R.T. -0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

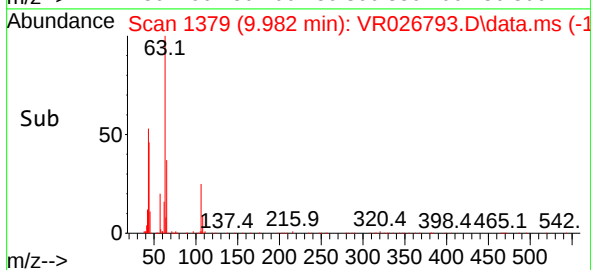
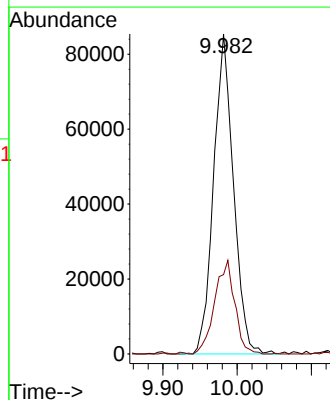
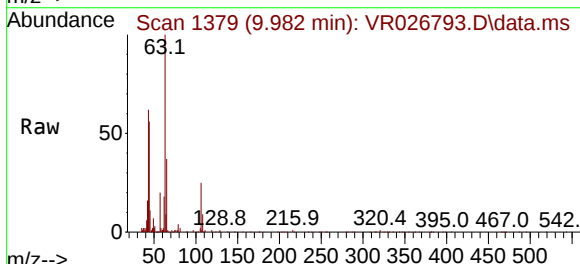
Instrument : MSVOA\_R  
ClientSampleId : VSTDICCC050

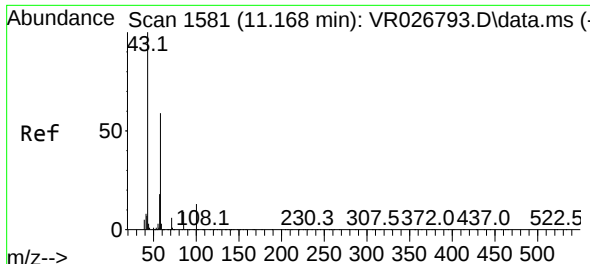
Tgt Ion: 76 Resp: 488298  
Ion Ratio Lower Upper  
76 100  
78 31.3 25.0 37.6



#58  
2-Chloroethyl Vinyl ether  
Concen: 344.542 ug/l  
RT: 9.982 min Scan# 1379  
Delta R.T. -0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion: 63 Resp: 158544  
Ion Ratio Lower Upper  
63 100  
106 29.6 23.7 35.5

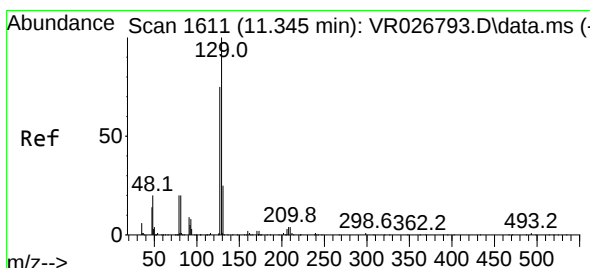
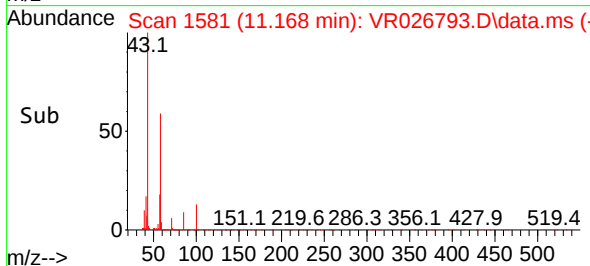
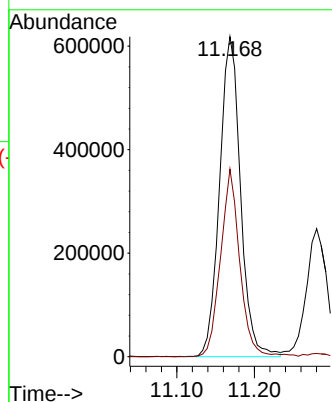
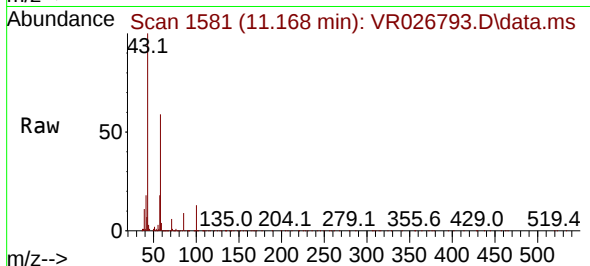




#59  
2-Hexanone  
Concen: 246.791 ug/l  
RT: 11.168 min Scan# 1581  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

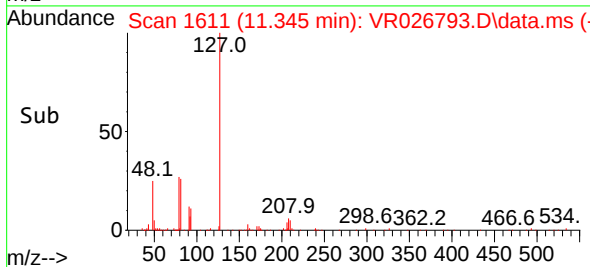
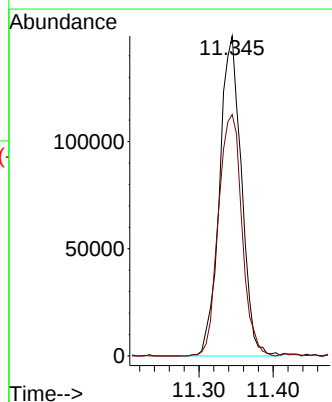
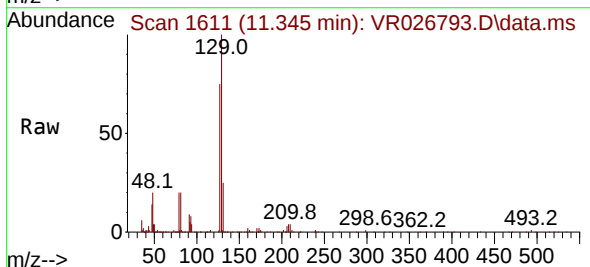
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

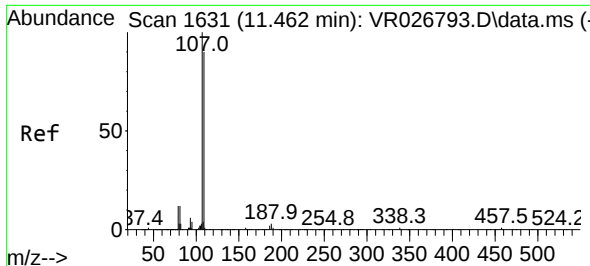
Tgt Ion: 43 Resp: 1161652  
Ion Ratio Lower Upper  
43 100  
58 54.1 27.1 81.2



#60  
Dibromochloromethane  
Concen: 54.759 ug/l  
RT: 11.345 min Scan# 1611  
Delta R.T. -0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion:129 Resp: 305600  
Ion Ratio Lower Upper  
129 100  
127 81.2 40.6 121.8

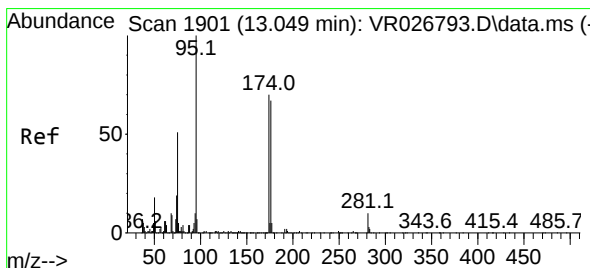
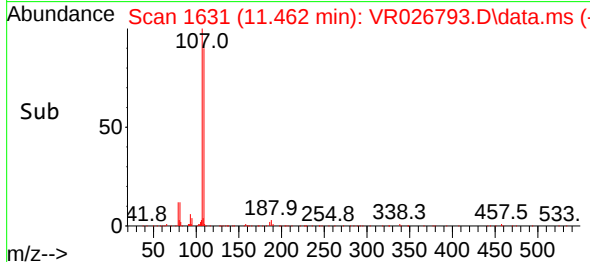
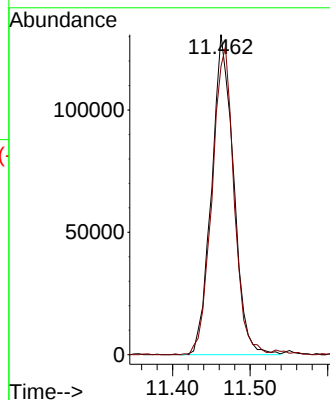
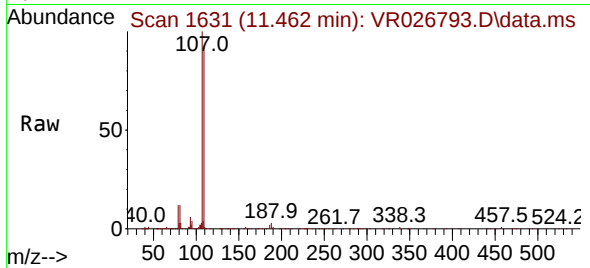




#61  
1,2-Dibromoethane  
Concen: 53.124 ug/l  
RT: 11.462 min Scan# 1631  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

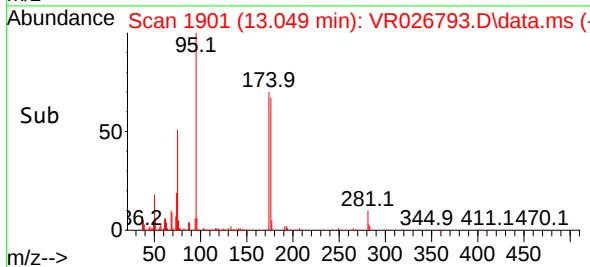
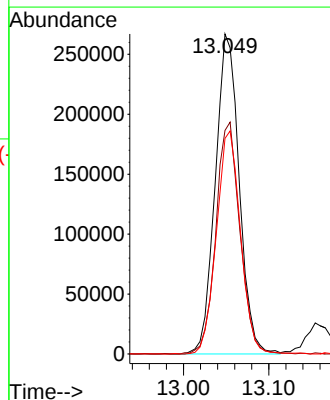
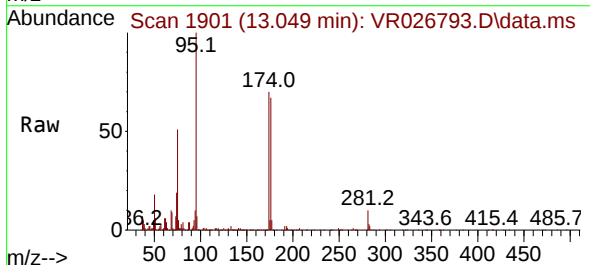
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

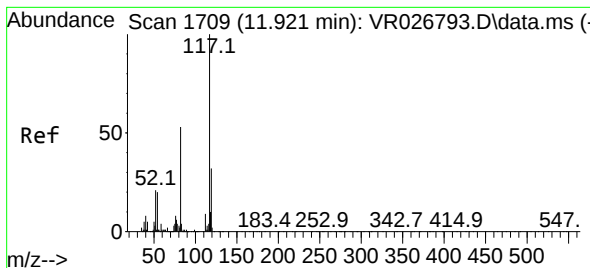
Tgt Ion:107 Resp: 258234  
Ion Ratio Lower Upper  
107 100  
109 95.9 76.7 115.1



#62  
4-Bromofluorobenzene  
Concen: 55.772 ug/l  
RT: 13.049 min Scan# 1901  
Delta R.T. -0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion: 95 Resp: 519863  
Ion Ratio Lower Upper  
95 100  
174 72.8 0.0 145.6  
176 70.3 0.0 140.6

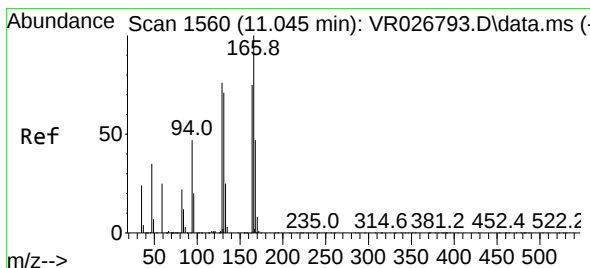
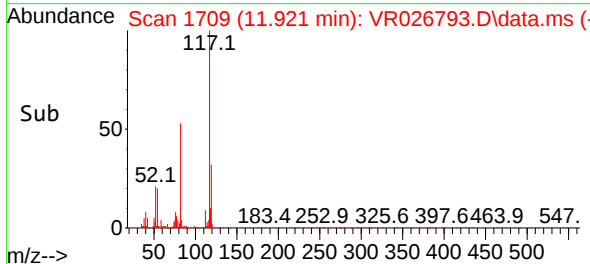
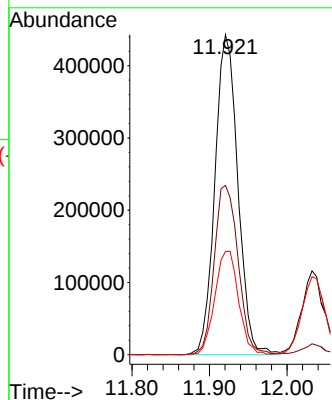
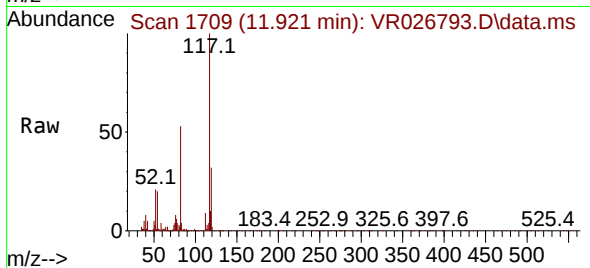




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.921 min Scan# 1709  
Delta R.T. -0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

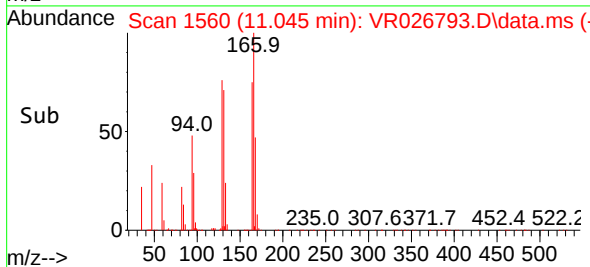
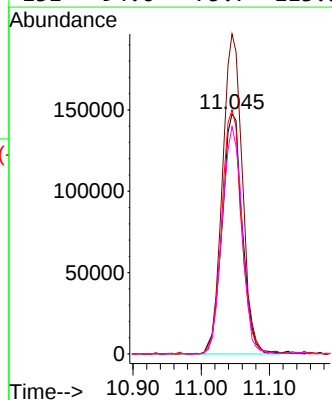
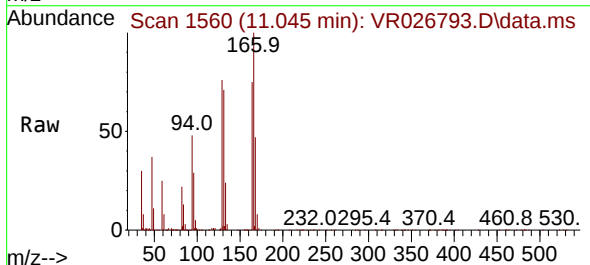
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

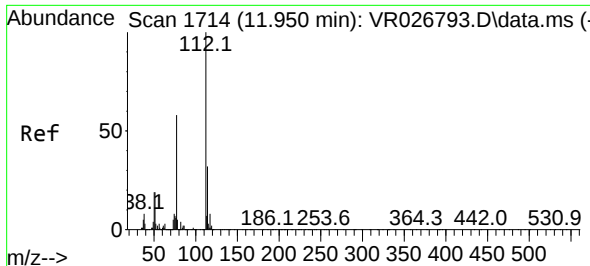
Tgt Ion:117 Resp: 910939  
Ion Ratio Lower Upper  
117 100  
82 52.9 42.3 63.5  
119 32.2 25.8 38.6



#64  
Tetrachloroethene  
Concen: 47.950 ug/l  
RT: 11.045 min Scan# 1560  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion:164 Resp: 302438  
Ion Ratio Lower Upper  
164 100  
166 133.1 106.5 159.7  
129 101.4 81.1 121.7  
131 94.6 75.7 113.5

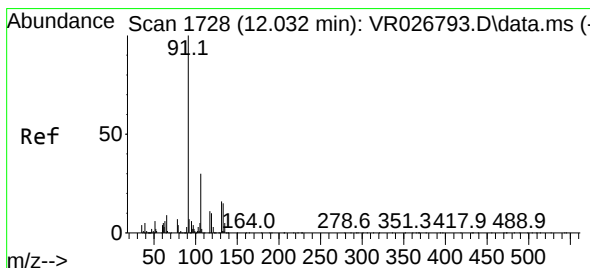
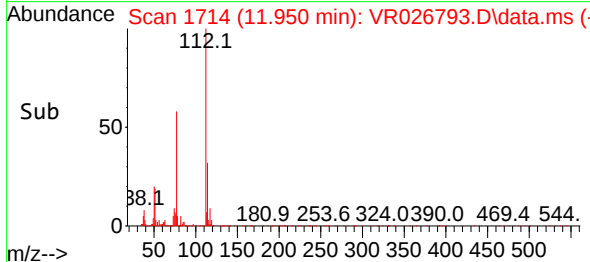
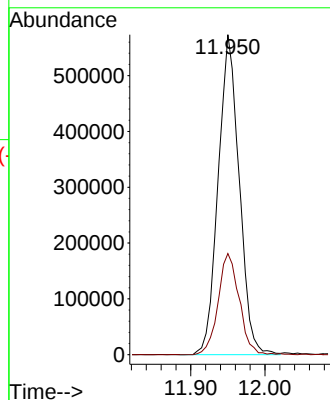
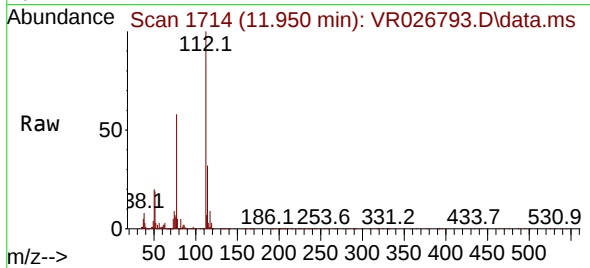




#65  
Chlorobenzene  
Concen: 50.594 ug/l  
RT: 11.950 min Scan# 1714  
Delta R.T. -0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

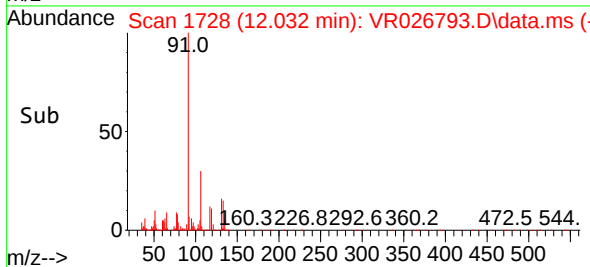
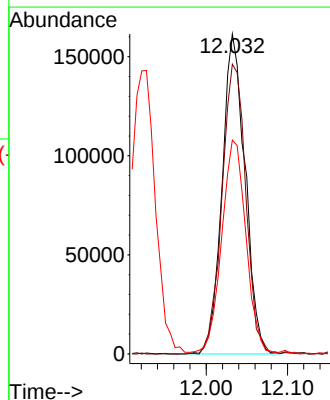
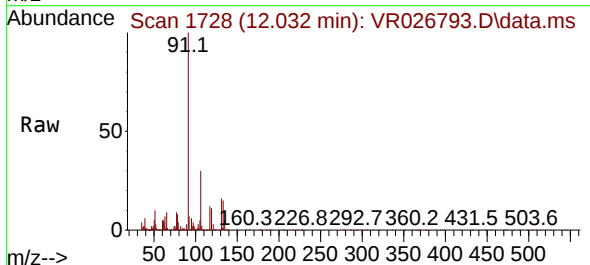
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

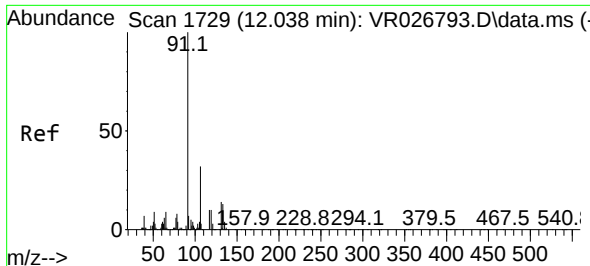
Tgt Ion:112 Resp: 1127724  
Ion Ratio Lower Upper  
112 100  
114 31.6 25.3 37.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.106 ug/l  
RT: 12.032 min Scan# 1728  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion:131 Resp: 317150  
Ion Ratio Lower Upper  
131 100  
133 94.1 47.0 141.2  
119 69.8 34.9 104.7

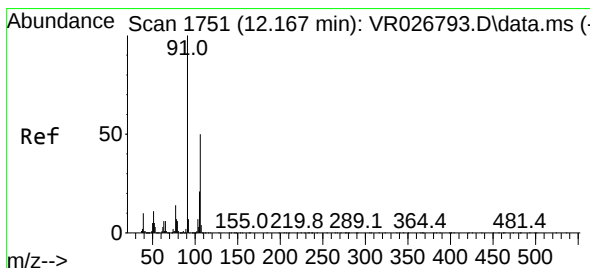
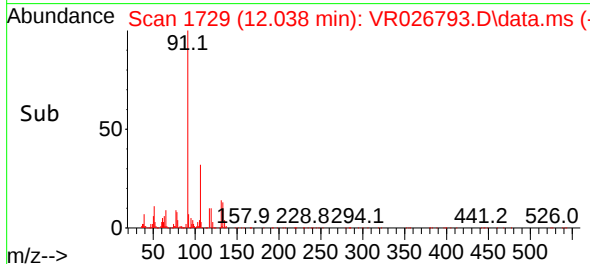
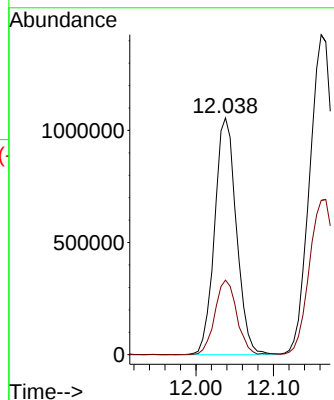
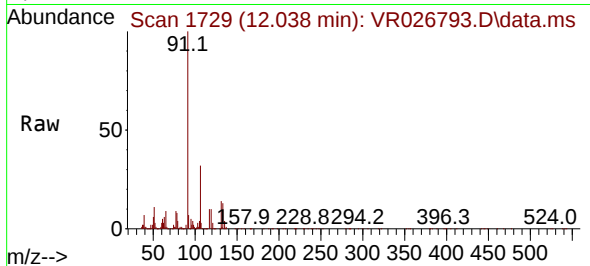




#67  
Ethyl Benzene  
Concen: 51.415 ug/l  
RT: 12.038 min Scan# 1729  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

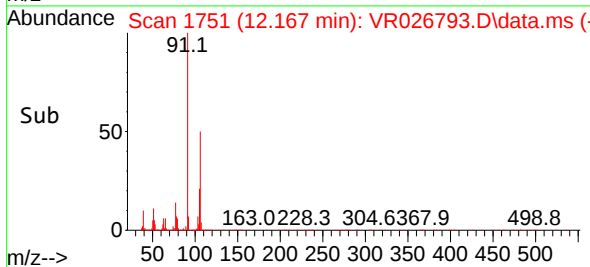
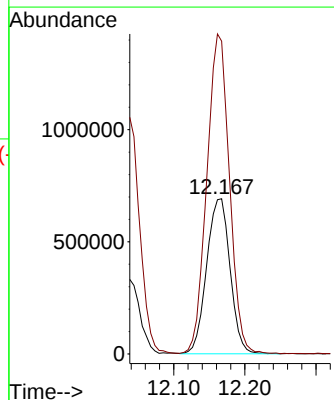
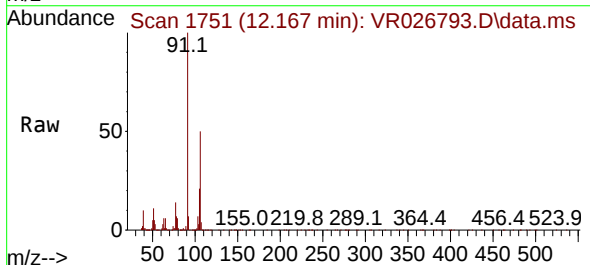
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

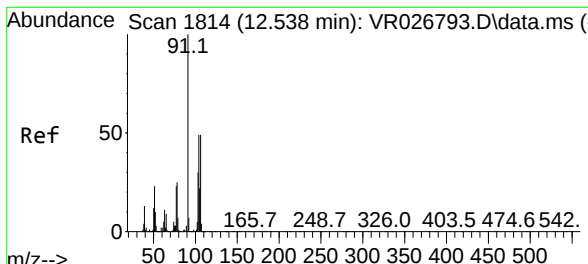
Tgt Ion: 91 Resp: 2061258  
Ion Ratio Lower Upper  
91 100  
106 31.5 25.2 37.8



#68  
m/p-Xylenes  
Concen: 101.049 ug/l  
RT: 12.167 min Scan# 1751  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion:106 Resp: 1585075  
Ion Ratio Lower Upper  
106 100  
91 199.0 159.2 238.8

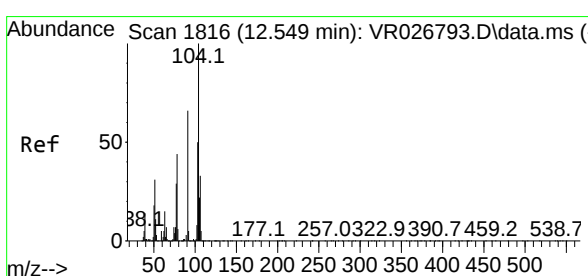
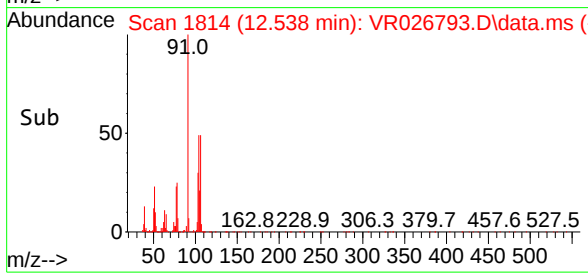
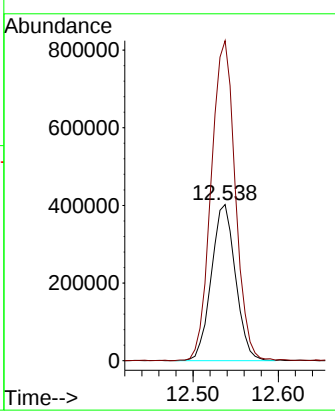
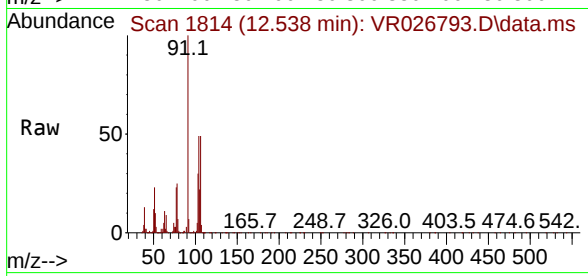




#69  
o-Xylene  
Concen: 52.426 ug/l  
RT: 12.538 min Scan# 1814  
Delta R.T. -0.001 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

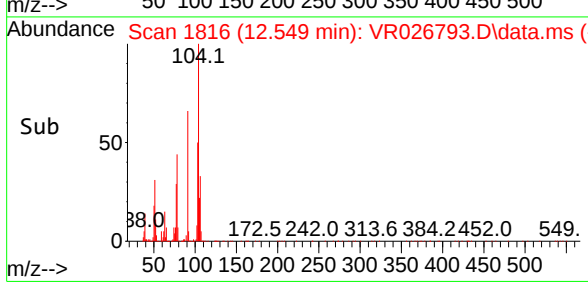
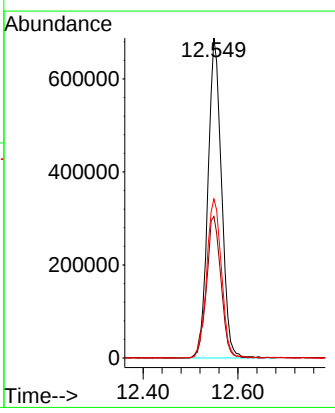
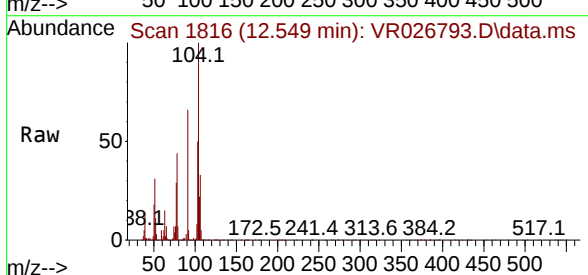
Instrument : MSVOA\_R  
ClientSampleId : VSTDICCC050

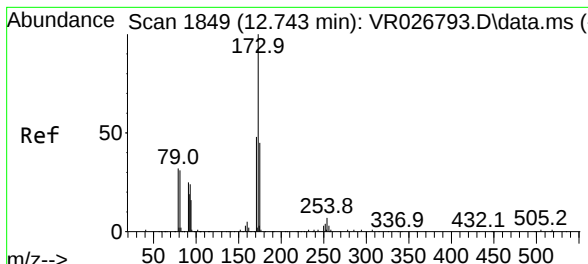
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 106   | Resp: | 790936 |
| Ion Ratio | Lower | Upper |        |
| 106       | 100   |       |        |
| 91        | 204.9 | 102.5 | 307.4  |



#70  
Styrene  
Concen: 52.805 ug/l  
RT: 12.549 min Scan# 1816  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 104   | Resp: | 1364752 |
| Ion Ratio | Lower | Upper |         |
| 104       | 100   |       |         |
| 78        | 47.3  | 37.8  | 56.8    |
| 103       | 54.1  | 43.3  | 64.9    |

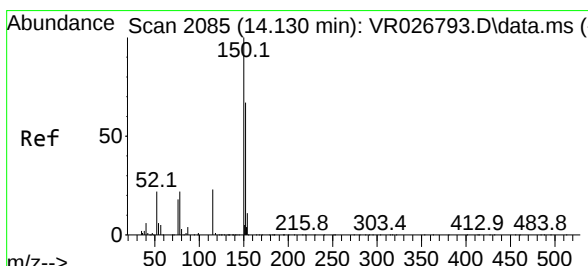
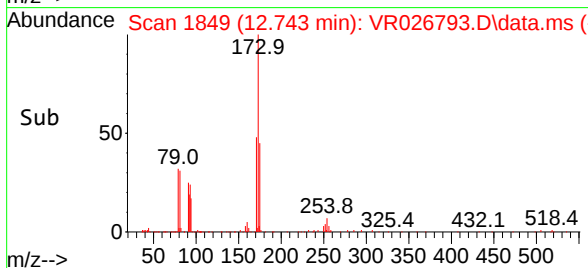
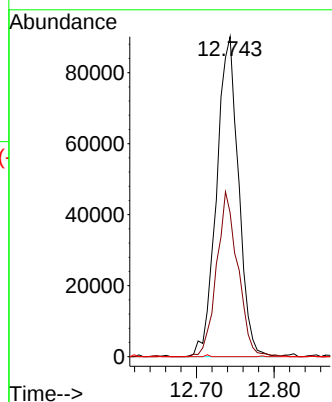
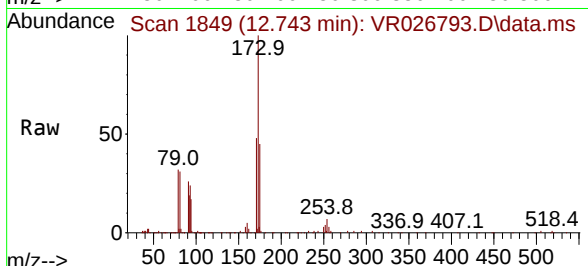




#71  
Bromoform  
Concen: 56.380 ug/l  
RT: 12.743 min Scan# 1849  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

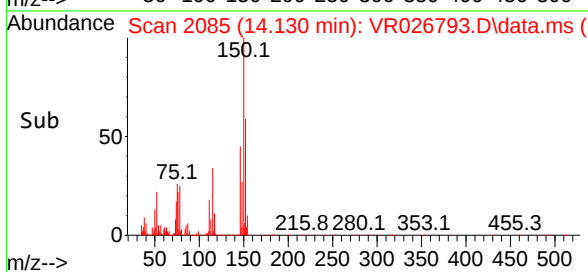
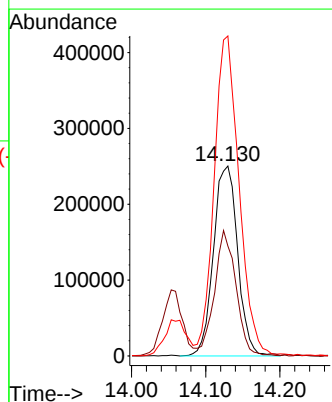
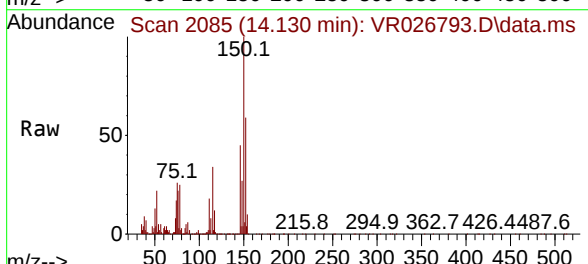
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

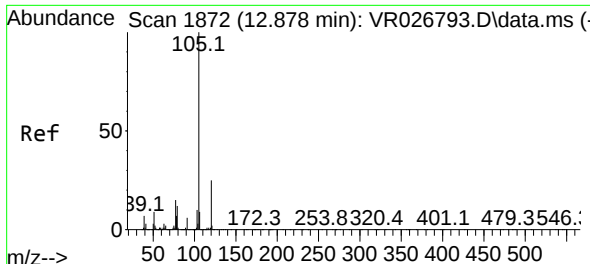
Tgt Ion:173 Resp: 177202  
Ion Ratio Lower Upper  
173 100  
175 49.9 24.9 74.8  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 14.130 min Scan# 2085  
Delta R.T. -0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion:152 Resp: 567627  
Ion Ratio Lower Upper  
152 100  
115 58.1 29.0 87.1  
150 172.8 0.0 345.6

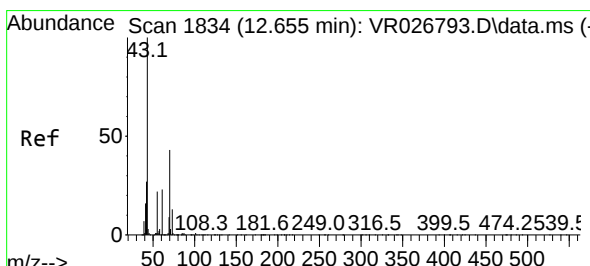
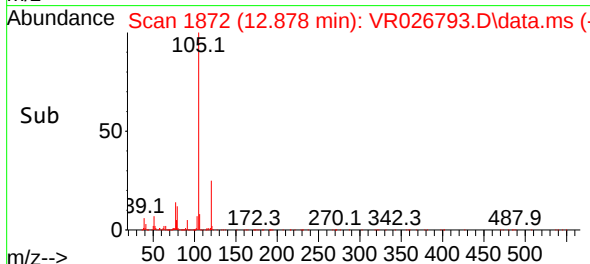
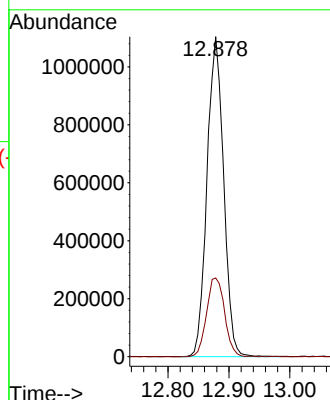
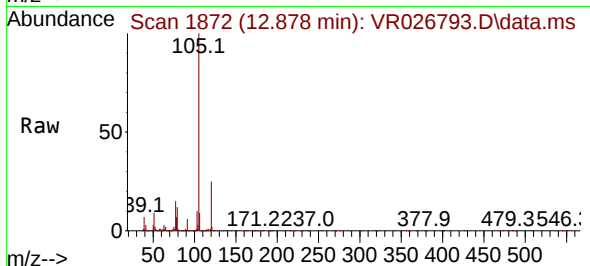




#73  
Isopropylbenzene  
Concen: 53.303 ug/l  
RT: 12.878 min Scan# 1872  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

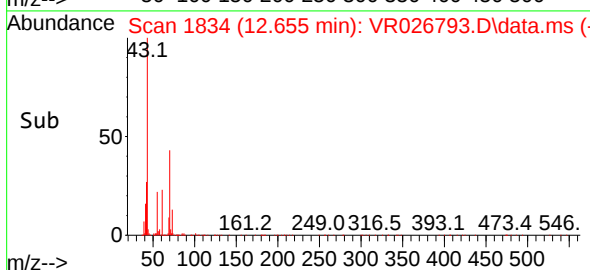
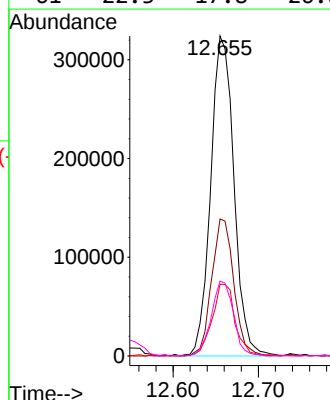
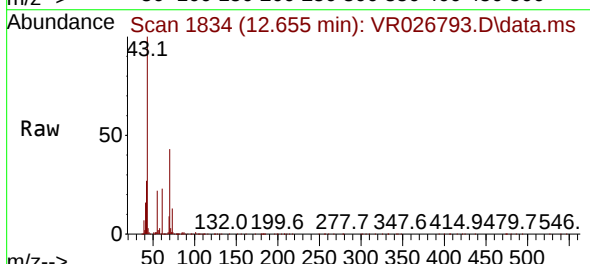
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

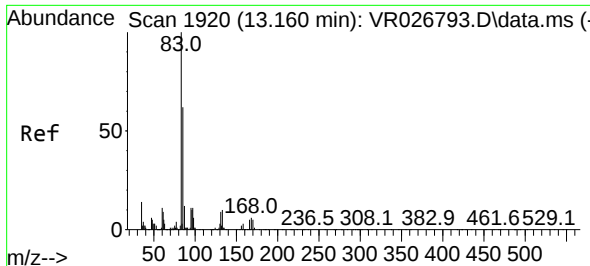
Tgt Ion:105 Resp: 2091200  
Ion Ratio Lower Upper  
105 100  
120 26.7 13.4 40.1



#74  
N-ethyl acetate  
Concen: 57.228 ug/l  
RT: 12.655 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion: 43 Resp: 614559  
Ion Ratio Lower Upper  
43 100  
70 40.8 32.6 49.0  
55 22.3 17.8 26.8  
61 22.3 17.8 26.8

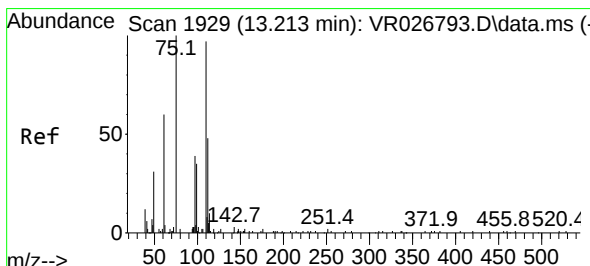
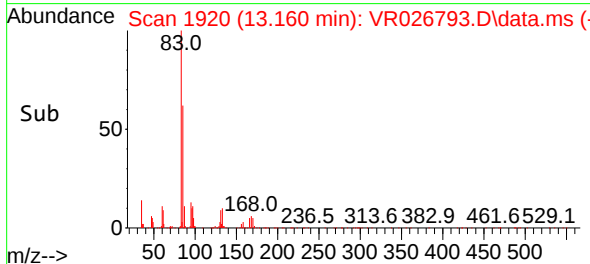
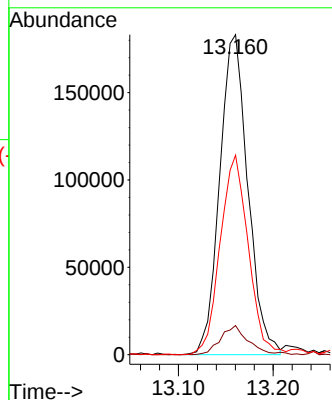
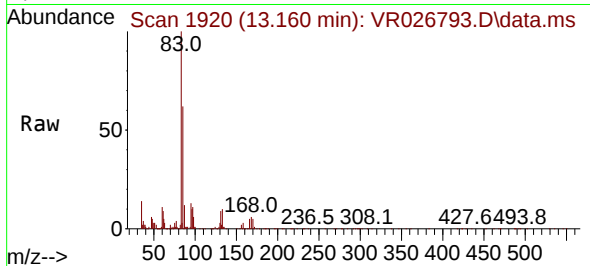




#75  
1,1,2,2-Tetrachloroethane  
Concen: 57.086 ug/l  
RT: 13.160 min Scan# 1920  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

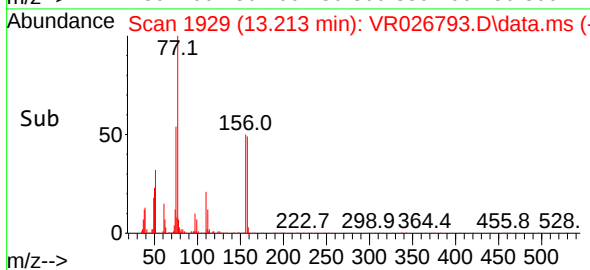
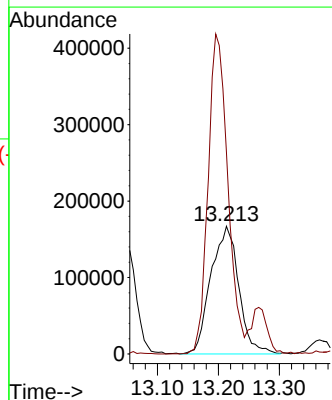
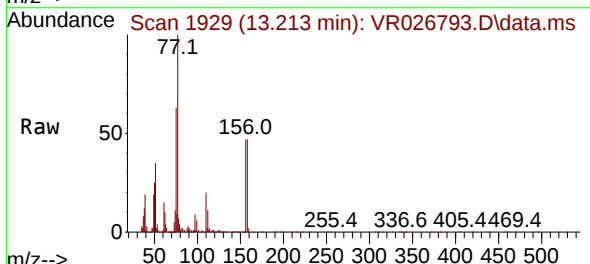
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

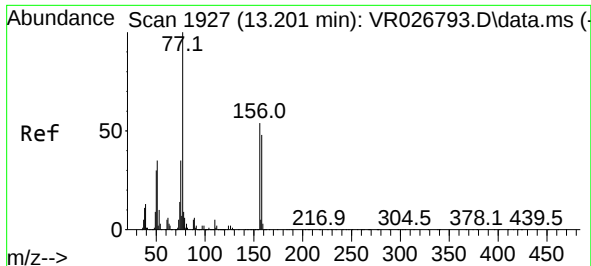
Tgt Ion: 83 Resp: 378330  
Ion Ratio Lower Upper  
83 100  
131 9.0 4.5 13.5  
85 62.1 31.1 93.2



#76  
1,2,3-Trichloropropane  
Concen: 91.003 ug/l  
RT: 13.213 min Scan# 1929  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion: 75 Resp: 530934  
Ion Ratio Lower Upper  
75 100  
77 177.6 132.3 397.0

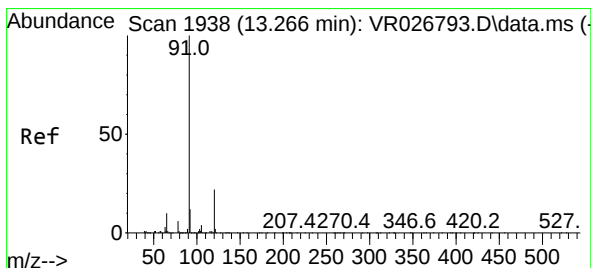
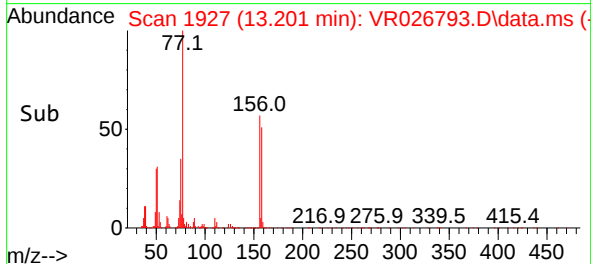
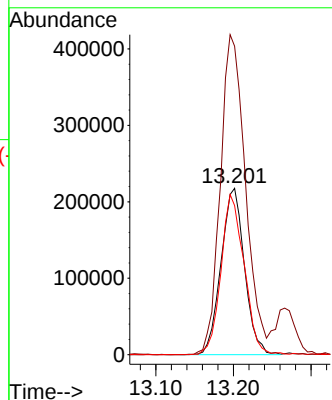
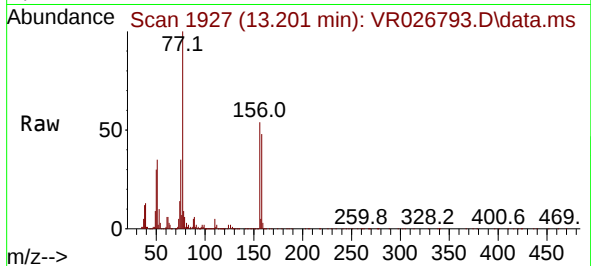




#77  
Bromobenzene  
Concen: 54.635 ug/l  
RT: 13.201 min Scan# 1927  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

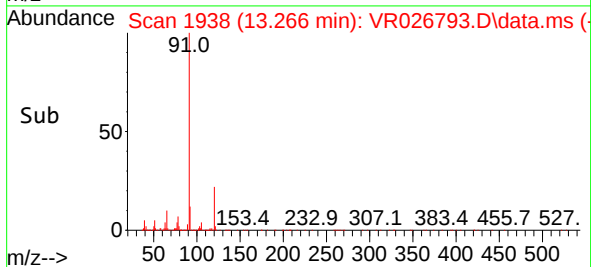
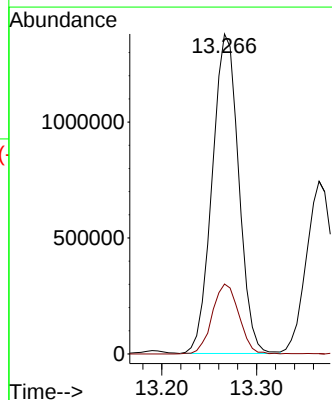
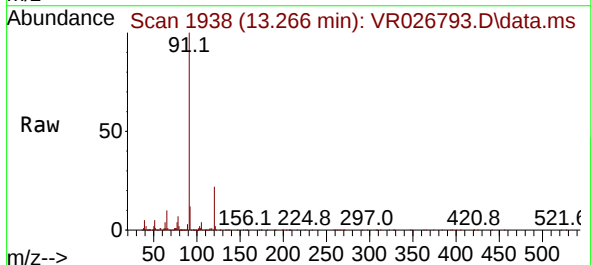
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

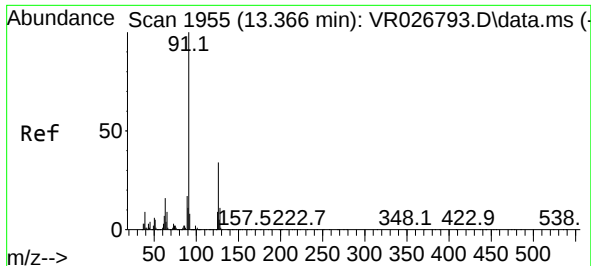
Tgt Ion:156 Resp: 458418  
Ion Ratio Lower Upper  
156 100  
77 205.7 102.8 308.5  
158 94.8 47.4 142.2



#78  
n-propylbenzene  
Concen: 52.988 ug/l  
RT: 13.266 min Scan# 1938  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion: 91 Resp: 2677121  
Ion Ratio Lower Upper  
91 100  
120 22.1 11.1 33.1

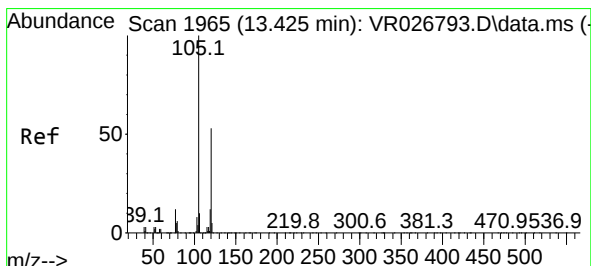
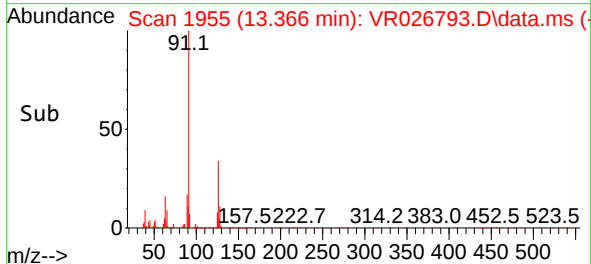
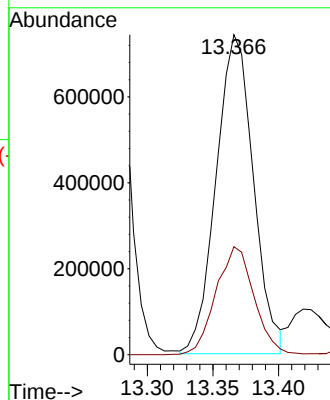
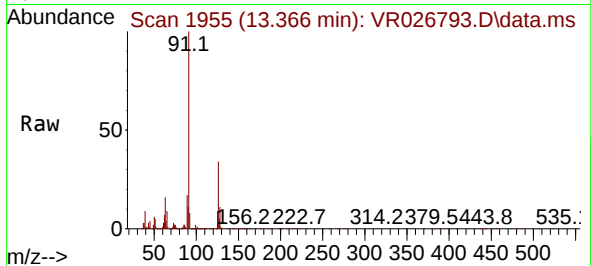




#79  
2-Chlorotoluene  
Concen: 53.706 ug/l  
RT: 13.366 min Scan# 1955  
Delta R.T. -0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

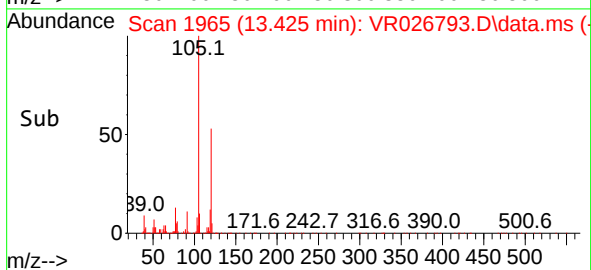
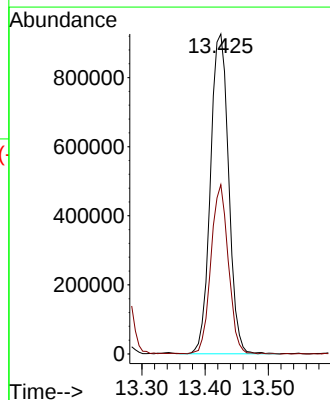
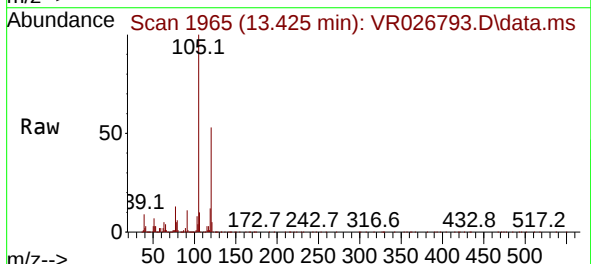
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

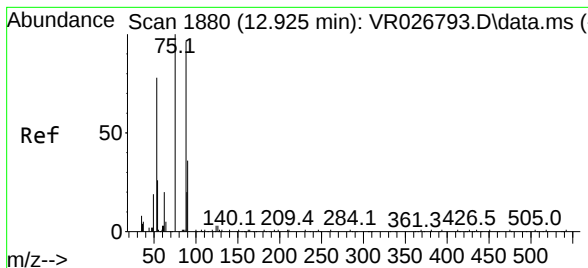
Tgt Ion: 91 Resp: 1467979  
Ion Ratio Lower Upper  
91 100  
126 34.7 17.3 52.0



#80  
1,3,5-Trimethylbenzene  
Concen: 53.946 ug/l  
RT: 13.425 min Scan# 1965  
Delta R.T. -0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion: 105 Resp: 1848630  
Ion Ratio Lower Upper  
105 100  
120 50.4 25.2 75.6

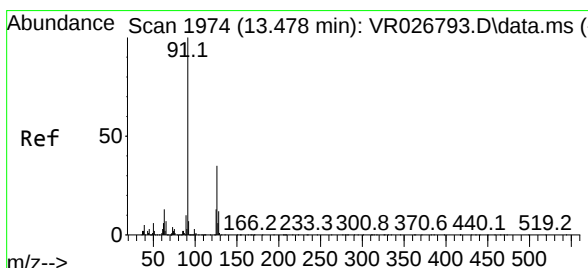
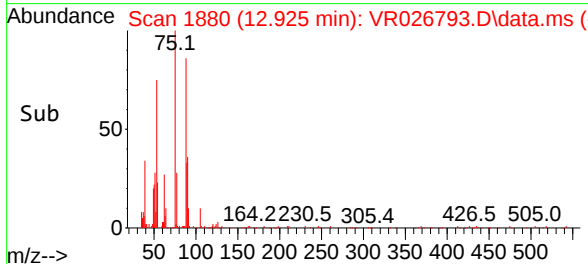
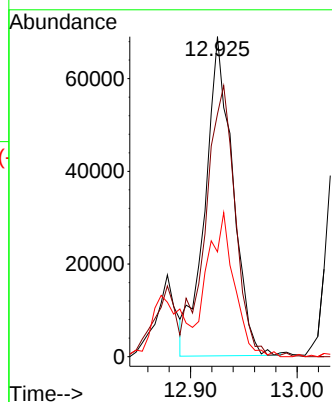
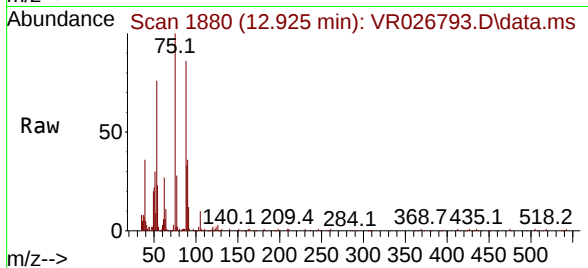




#81  
trans-1,4-Dichloro-2-butene  
Concen: 54.309 ug/l  
RT: 12.925 min Scan# 1880  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

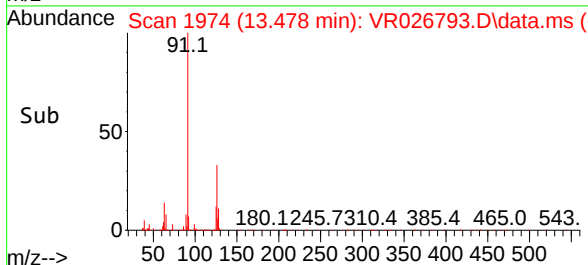
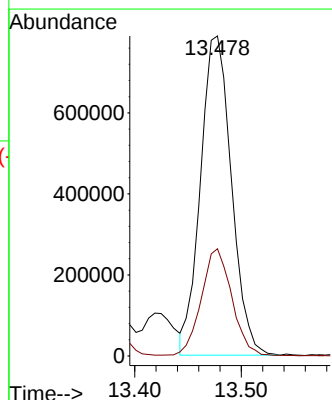
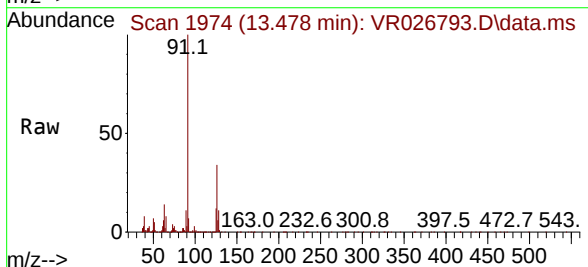
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

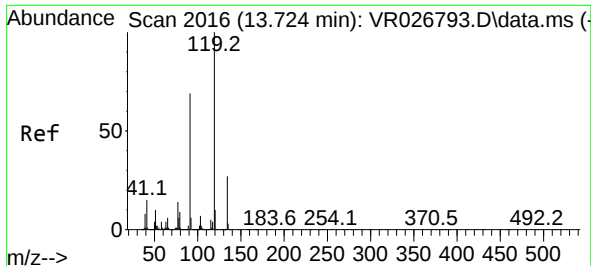
Tgt Ion: 75 Resp: 124143  
Ion Ratio Lower Upper  
75 100  
53 90.2 74.3 111.5  
89 43.6 35.9 53.9



#82  
4-Chlorotoluene  
Concen: 53.537 ug/l  
RT: 13.478 min Scan# 1974  
Delta R.T. -0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion: 91 Resp: 1589925  
Ion Ratio Lower Upper  
91 100  
126 33.3 16.7 50.0

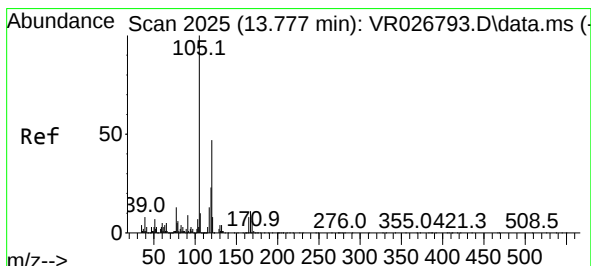
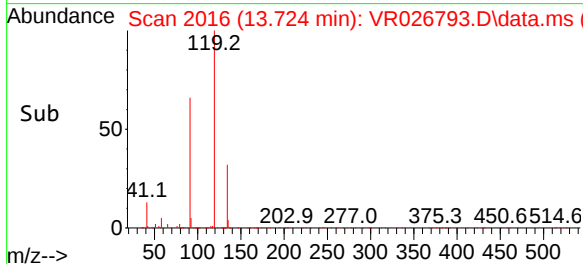
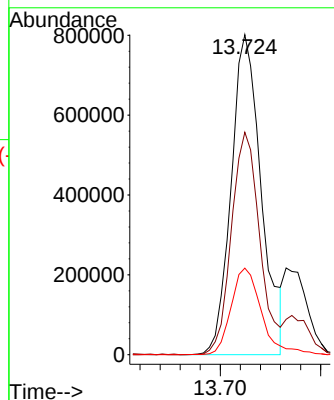
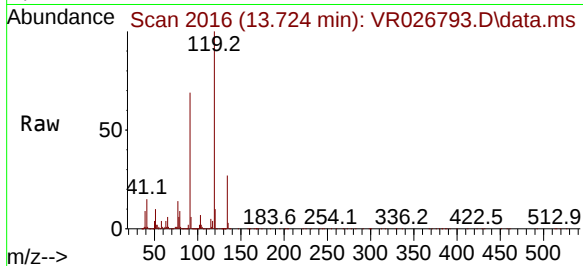




#83  
 tert-Butylbenzene  
 Concen: 54.107 ug/l  
 RT: 13.724 min Scan# 2016  
 Delta R.T. 0.000 min  
 Lab File: VR026793.D  
 Acq: 4 Dec 2025 13:29

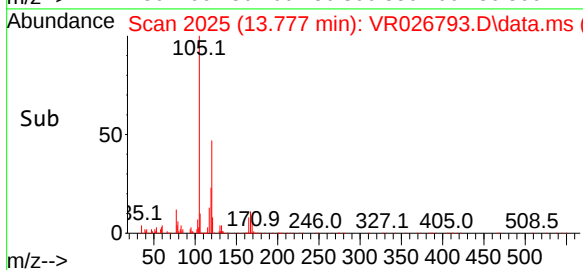
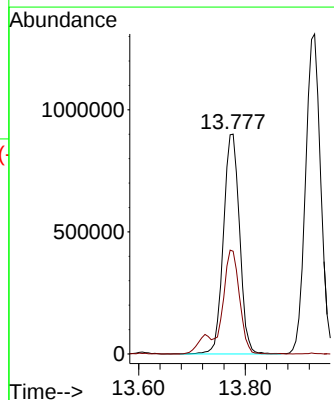
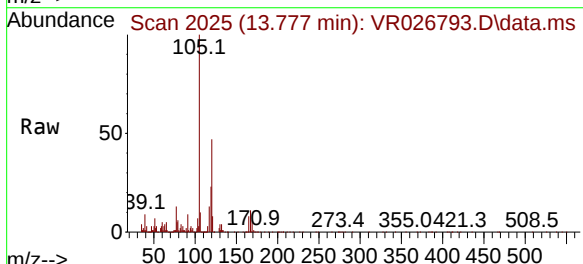
Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 VSTDICCC050

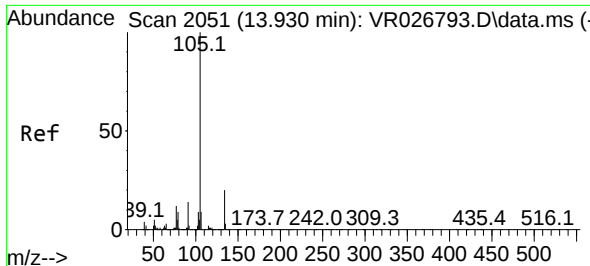
Tgt Ion:119 Resp: 1671032  
 Ion Ratio Lower Upper  
 119 100  
 91 65.5 32.8 98.3  
 134 27.3 13.7 41.0



#84  
 1,2,4-Trimethylbenzene  
 Concen: 51.308 ug/l  
 RT: 13.777 min Scan# 2025  
 Delta R.T. 0.000 min  
 Lab File: VR026793.D  
 Acq: 4 Dec 2025 13:29

Tgt Ion:105 Resp: 1887258  
 Ion Ratio Lower Upper  
 105 100  
 120 47.4 23.7 71.1

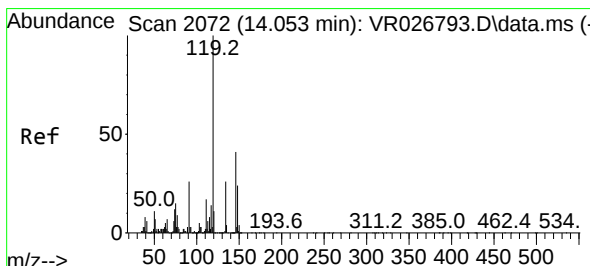
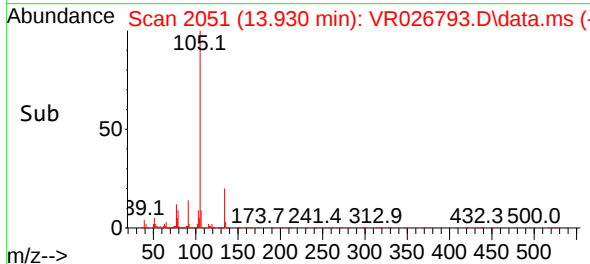
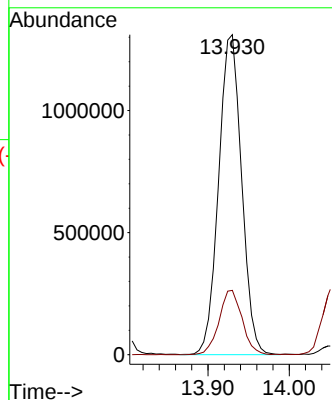
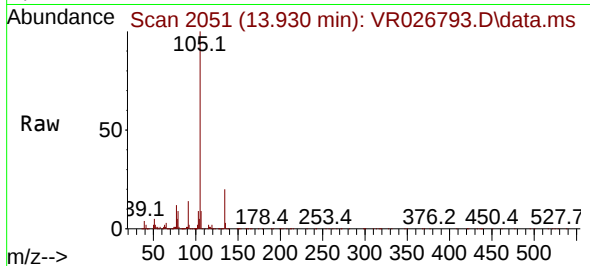




#85  
 sec-Butylbenzene  
 Concen: 52.899 ug/l  
 RT: 13.930 min Scan# 2051  
 Delta R.T. 0.000 min  
 Lab File: VR026793.D  
 Acq: 4 Dec 2025 13:29

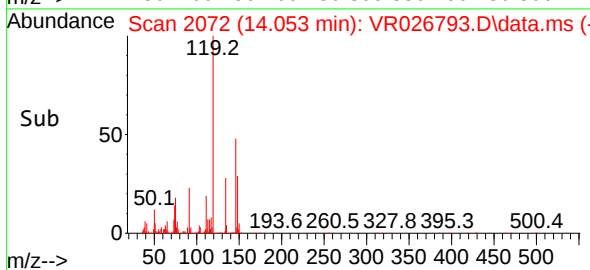
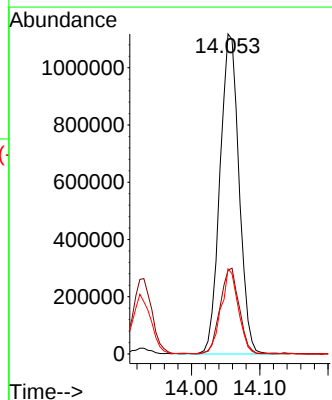
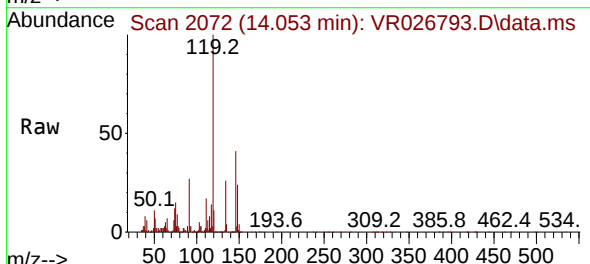
Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 VSTDICCC050

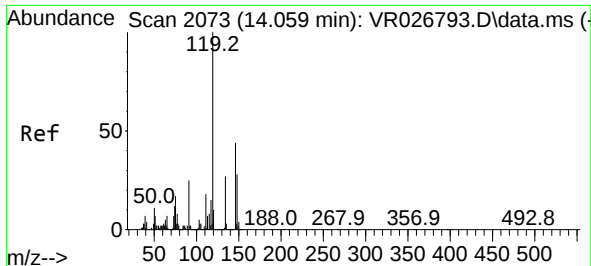
Tgt Ion:105 Resp: 2575377  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 10.1 30.3



#86  
 p-Isopropyltoluene  
 Concen: 50.741 ug/l  
 RT: 14.053 min Scan# 2072  
 Delta R.T. 0.000 min  
 Lab File: VR026793.D  
 Acq: 4 Dec 2025 13:29

Tgt Ion:119 Resp: 2175744  
 Ion Ratio Lower Upper  
 119 100  
 134 26.6 13.3 39.9  
 91 23.9 11.9 35.9

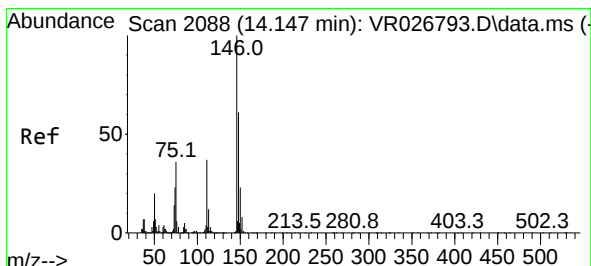
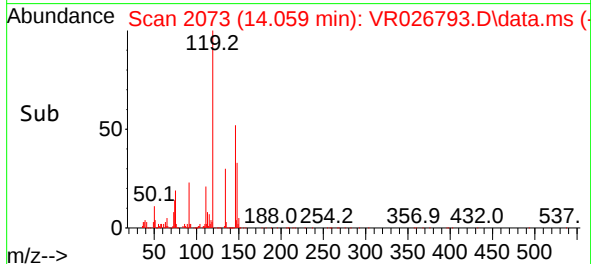
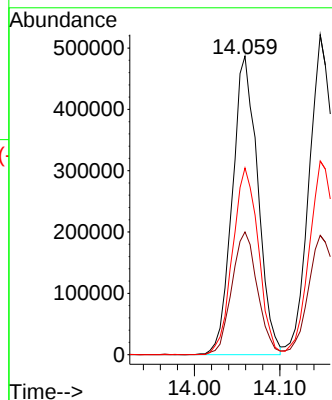
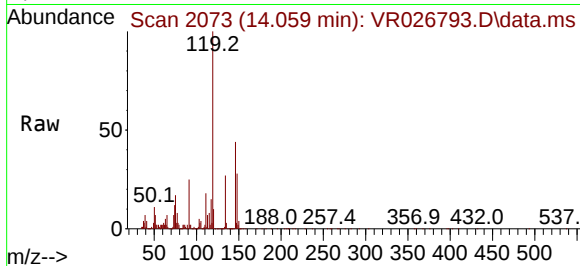




#87  
1,3-Dichlorobenzene  
Concen: 49.756 ug/l  
RT: 14.059 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

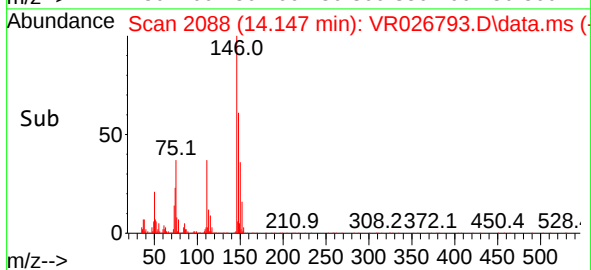
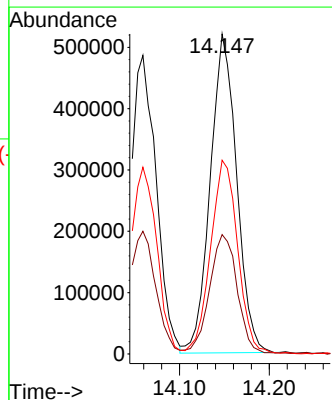
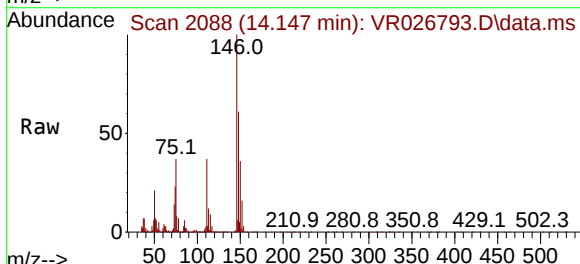
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

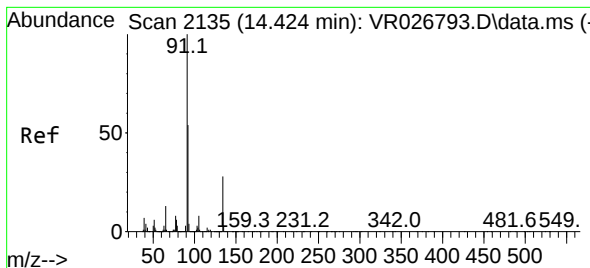
Tgt Ion:146 Resp: 1010177  
Ion Ratio Lower Upper  
146 100  
111 41.5 20.8 62.2  
148 63.5 31.8 95.3



#88  
1,4-Dichlorobenzene  
Concen: 49.465 ug/l  
RT: 14.147 min Scan# 2088  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion:146 Resp: 1060119  
Ion Ratio Lower Upper  
146 100  
111 39.2 19.6 58.8  
148 62.6 31.3 93.9





#89

n-Butylbenzene

Concen: 53.032 ug/l

RT: 14.424 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VR026793.D

Acq: 4 Dec 2025 13:29

Instrument :

MSVOA\_R

ClientSampleId :

VSTDICCC050

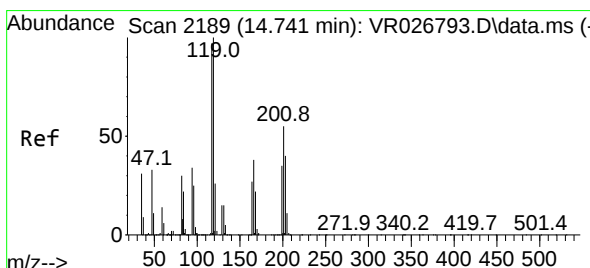
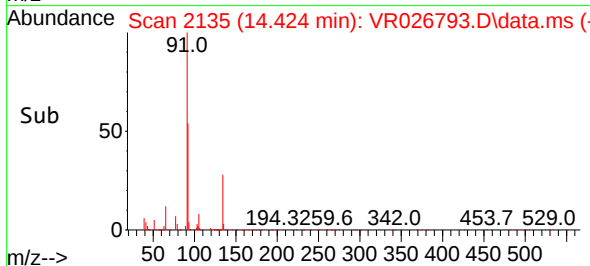
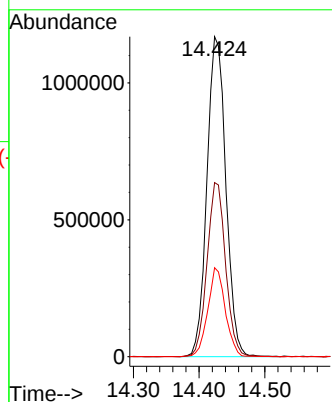
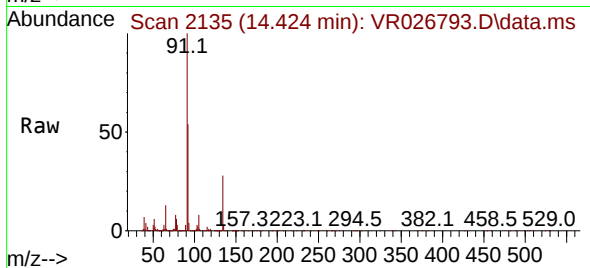
Tgt Ion: 91 Resp: 2343916

Ion Ratio Lower Upper

91 100

92 53.4 26.7 80.1

134 25.8 12.9 38.7



#90

Hexachloroethane

Concen: 49.940 ug/l

RT: 14.741 min Scan# 2189

Delta R.T. -0.000 min

Lab File: VR026793.D

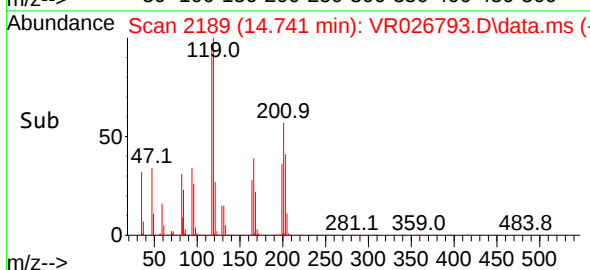
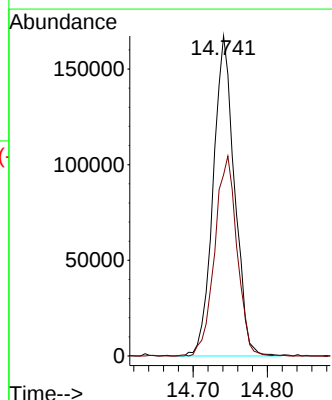
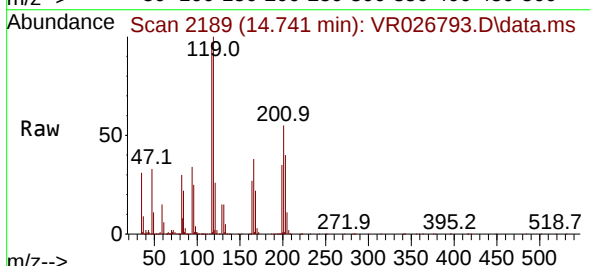
Acq: 4 Dec 2025 13:29

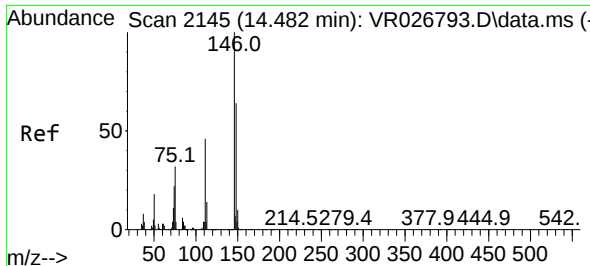
Tgt Ion: 117 Resp: 334610

Ion Ratio Lower Upper

117 100

201 65.3 32.6 98.0

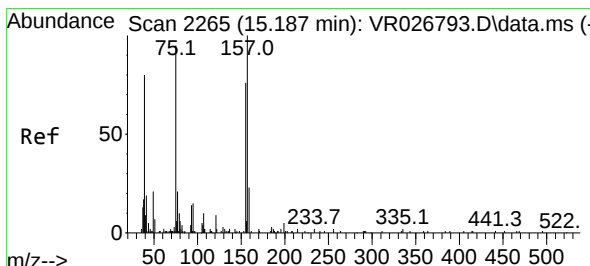
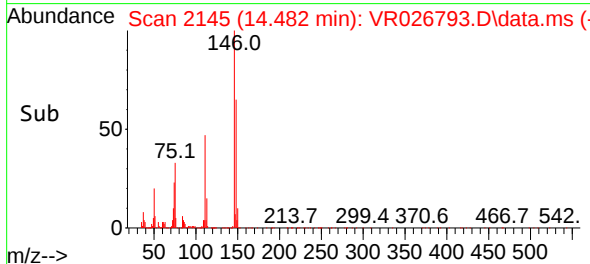
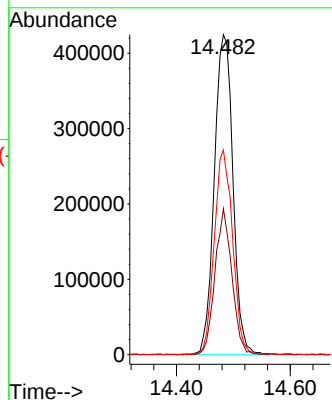
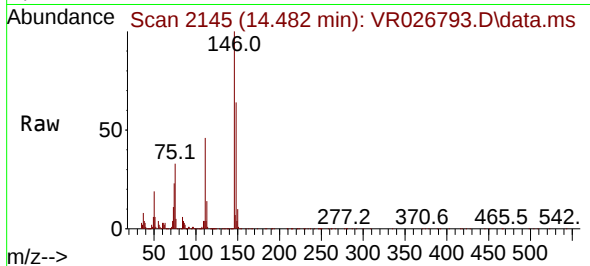




#91  
1,2-Dichlorobenzene  
Concen: 51.834 ug/l  
RT: 14.482 min Scan# 2145  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

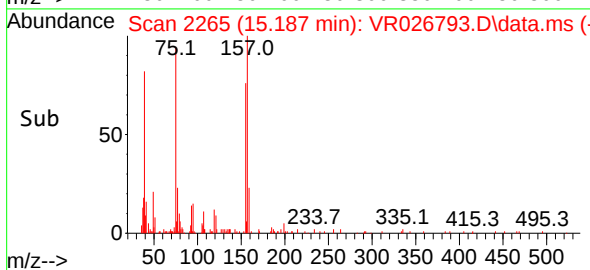
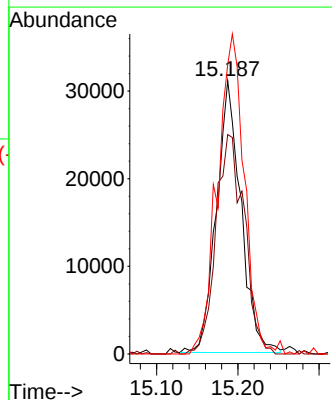
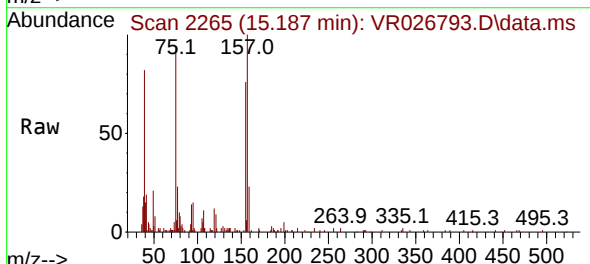
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

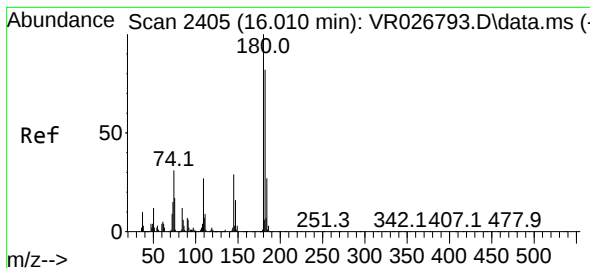
Tgt Ion:146 Resp: 966091  
Ion Ratio Lower Upper  
146 100  
111 41.1 20.5 61.6  
148 63.0 31.5 94.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 53.189 ug/l  
RT: 15.187 min Scan# 2265  
Delta R.T. 0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion: 75 Resp: 65080  
Ion Ratio Lower Upper  
75 100  
155 93.3 46.7 140.0  
157 128.1 64.0 192.2





#93

1,2,4-Trichlorobenzene

Concen: 58.501 ug/l

RT: 16.010 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VR026793.D

Acq: 4 Dec 2025 13:29

Instrument :

MSVOA\_R

ClientSampleId :

VSTDICCC050

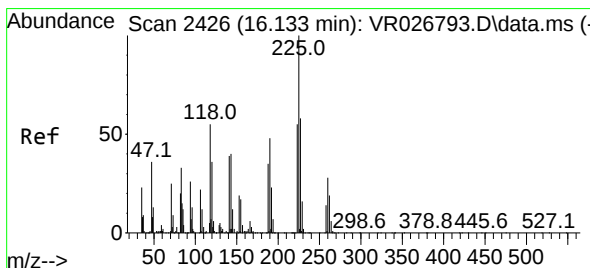
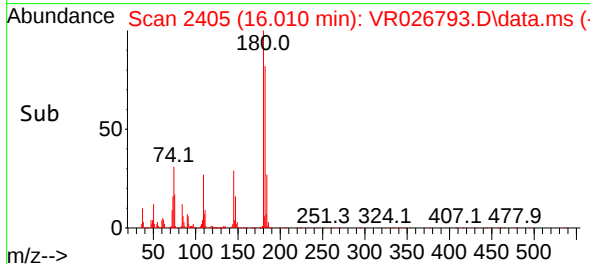
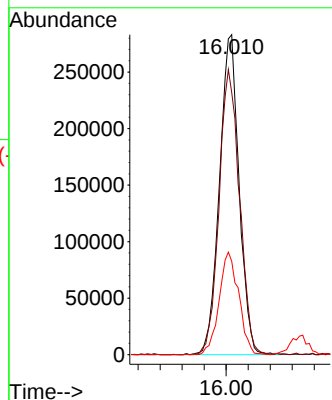
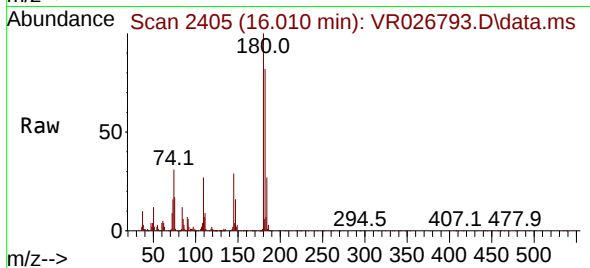
Tgt Ion:180 Resp: 699962

Ion Ratio Lower Upper

180 100

182 92.8 46.4 139.2

145 32.1 16.1 48.2



#94

Hexachlorobutadiene

Concen: 55.279 ug/l

RT: 16.133 min Scan# 2426

Delta R.T. 0.000 min

Lab File: VR026793.D

Acq: 4 Dec 2025 13:29

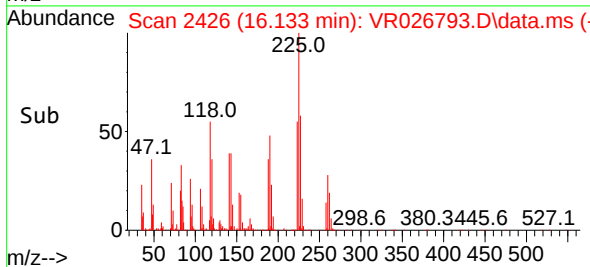
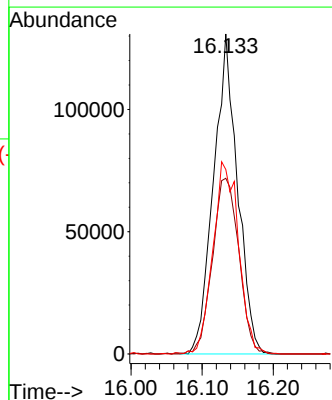
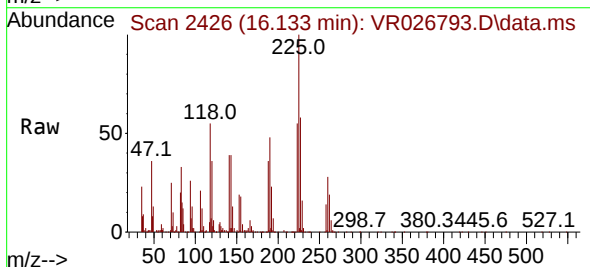
Tgt Ion:225 Resp: 305343

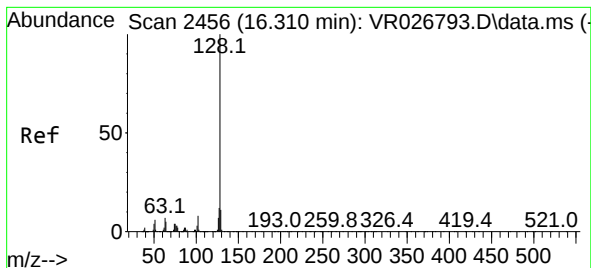
Ion Ratio Lower Upper

225 100

223 60.7 30.3 91.0

227 64.6 32.3 96.9

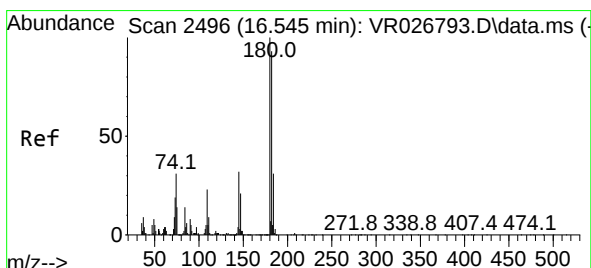
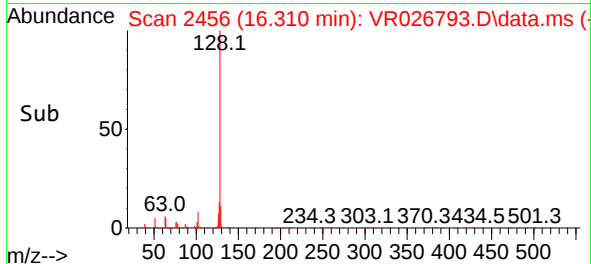
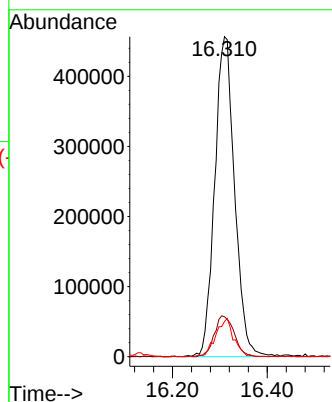
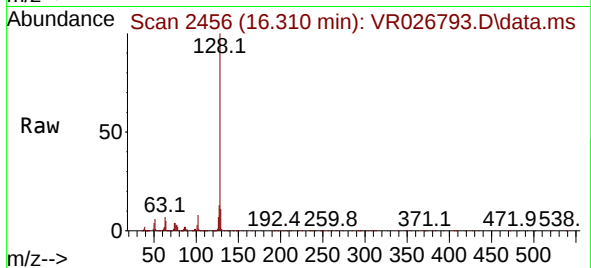




#95  
Naphthalene  
Concen: 51.211 ug/l  
RT: 16.310 min Scan# 2456  
Delta R.T. -0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

Tgt Ion:128 Resp: 1330594  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.2 15.2  
129 10.7 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 58.444 ug/l  
RT: 16.545 min Scan# 2496  
Delta R.T. -0.000 min  
Lab File: VR026793.D  
Acq: 4 Dec 2025 13:29

Tgt Ion:180 Resp: 594450  
Ion Ratio Lower Upper  
180 100  
182 96.4 48.2 144.6  
145 32.8 16.4 49.2

