

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD081224\  
 Data File : VD079706.D  
 Acq On : 12 Aug 2024 12:20  
 Operator : RP/MD  
 Sample : VSTDICCC050  
 Misc : 5.00G/5.0ml/MSVOA\_D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Aug 12 14:28:35 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D081224S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Aug 12 14:24:32 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.875  | 168   | 202243   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.775  | 114   | 370726   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.581 | 117   | 327541   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.516 | 152   | 157142   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.228  | 65    | 95487    | 41.039   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 82.080%  |
| 35) Dibromofluoromethane     | 7.805  | 113   | 99283    | 43.441   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 86.880%  |
| 50) Toluene-d8               | 10.269 | 98    | 439858   | 46.048   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 134 | Recovery | =      | 92.100%  |
| 62) 4-Bromofluorobenzene     | 12.569 | 95    | 118866   | 44.443   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 30 - 143 | Recovery | =      | 88.880%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.934  | 85    | 77853    | 46.433   | ug/l   | 99       |
| 3) Chloromethane             | 2.146  | 50    | 170841   | 43.737   | ug/l   | 96       |
| 4) Vinyl Chloride            | 2.281  | 62    | 211553   | 45.815   | ug/l   | 97       |
| 5) Bromomethane              | 2.693  | 94    | 140935   | 44.841   | ug/l   | 97       |
| 6) Chloroethane              | 2.834  | 64    | 146789   | 46.571   | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 3.170  | 101   | 190791   | 46.200   | ug/l   | 96       |
| 8) Diethyl Ether             | 3.593  | 74    | 54857    | 42.481   | ug/l   | 79       |
| 9) 1,1,2-Trichlorotrifluo... | 3.964  | 101   | 113248   | 46.583   | ug/l   | 94       |
| 10) Methyl Iodide            | 4.158  | 142   | 140561   | 51.656   | ug/l   | 95       |
| 11) Tert butyl alcohol       | 5.052  | 59    | 22455    | 196.277  | ug/l # | 95       |
| 12) 1,1-Dichloroethene       | 3.934  | 96    | 124767   | 49.081   | ug/l   | 91       |
| 13) Acrolein                 | 3.793  | 56    | 53920    | 199.227  | ug/l   | 95       |
| 14) Allyl chloride           | 4.564  | 41    | 184394   | 48.361   | ug/l # | 86       |
| 15) Acrylonitrile            | 5.252  | 53    | 122642   | 206.308  | ug/l   | 98       |
| 16) Acetone                  | 4.017  | 43    | 117547   | 216.526  | ug/l   | 97       |
| 17) Carbon Disulfide         | 4.269  | 76    | 432073   | 47.948   | ug/l   | 98       |
| 18) Methyl Acetate           | 4.564  | 43    | 60070    | 37.867   | ug/l # | 85       |
| 19) Methyl tert-butyl Ether  | 5.322  | 73    | 225382   | 43.179   | ug/l   | 96       |
| 20) Methylene Chloride       | 4.799  | 84    | 156207   | 48.175   | ug/l   | 89       |
| 21) trans-1,2-Dichloroethene | 5.311  | 96    | 140353   | 50.288   | ug/l # | 84       |
| 22) Diisopropyl ether        | 6.216  | 45    | 384205   | 48.899   | ug/l # | 92       |
| 23) Vinyl Acetate            | 6.152  | 43    | 1321870  | 229.523  | ug/l # | 91       |
| 24) 1,1-Dichloroethane       | 6.111  | 63    | 252558   | 48.624   | ug/l   | 95       |
| 25) 2-Butanone               | 7.081  | 43    | 147797   | 206.465  | ug/l   | 92       |
| 26) 2,2-Dichloropropane      | 7.081  | 77    | 198902   | 48.489   | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 7.081  | 96    | 155406   | 48.004   | ug/l   | 85       |
| 28) Bromochloromethane       | 7.422  | 49    | 101042   | 45.729   | ug/l # | 63       |
| 29) Tetrahydrofuran          | 7.446  | 42    | 84091    | 193.237  | ug/l # | 80       |
| 30) Chloroform               | 7.593  | 83    | 238461   | 47.278   | ug/l   | 100      |
| 31) Cyclohexane              | 7.875  | 56    | 198891   | 46.765   | ug/l   | 84       |
| 32) 1,1,1-Trichloroethane    | 7.793  | 97    | 204725   | 49.061   | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 8.005  | 75    | 179904   | 50.782   | ug/l   | 94       |
| 37) Ethyl Acetate            | 7.169  | 43    | 61339    | 38.259   | ug/l   | 96       |
| 38) Carbon Tetrachloride     | 7.993  | 117   | 178490   | 49.636   | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.275  | 83    | 210159   | 50.190   | ug/l   | 89       |
| 40) Benzene                  | 8.246  | 78    | 577194   | 50.095   | ug/l   | 95       |

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 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Aug 12 14:28:35 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D081224S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Aug 12 14:24:32 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.399  | 41   | 35011    | 43.077  | ug/l # | 83       |
| 42) 1,2-Dichloroethane        | 8.328  | 62   | 122122   | 45.854  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.363  | 43   | 116856   | 41.793  | ug/l # | 78       |
| 44) Trichloroethene           | 9.028  | 130  | 127163   | 50.250  | ug/l   | 85       |
| 45) 1,2-Dichloropropane       | 9.305  | 63   | 137192   | 48.375  | ug/l   | 99       |
| 46) Dibromomethane            | 9.393  | 93   | 66602    | 46.387  | ug/l   | 89       |
| 47) Bromodichloromethane      | 9.581  | 83   | 171042   | 47.258  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.381  | 41   | 57850    | 44.981  | ug/l # | 80       |
| 49) 1,4-Dioxane               | 9.387  | 88   | 12085    | 836.297 | ug/l # | 83       |
| 51) 4-Methyl-2-Pentanone      | 10.157 | 43   | 296354   | 206.014 | ug/l   | 93       |
| 52) Toluene                   | 10.334 | 92   | 353267   | 51.131  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.552 | 75   | 157848   | 46.655  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.016 | 75   | 204919   | 49.349  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 10.734 | 97   | 85316    | 44.575  | ug/l   | 93       |
| 56) Ethyl methacrylate        | 10.593 | 69   | 103295   | 44.384  | ug/l # | 84       |
| 57) 1,3-Dichloropropane       | 10.875 | 76   | 152060   | 46.083  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.869  | 63   | 240039   | 229.975 | ug/l # | 88       |
| 59) 2-Hexanone                | 10.916 | 43   | 215957   | 209.874 | ug/l   | 94       |
| 60) Dibromochloromethane      | 11.075 | 129  | 106981   | 45.366  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.175 | 107  | 75071    | 44.170  | ug/l   | 94       |
| 64) Tetrachloroethene         | 10.804 | 164  | 100614   | 50.274  | ug/l   | 92       |
| 65) Chlorobenzene             | 11.604 | 112  | 368337   | 51.213  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.681 | 131  | 112464   | 47.963  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.681 | 91   | 665331   | 52.721  | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.793 | 106  | 513228   | 104.584 | ug/l   | 91       |
| 69) o-Xylene                  | 12.116 | 106  | 235363   | 52.477  | ug/l   | 89       |
| 70) Styrene                   | 12.134 | 104  | 409741   | 52.076  | ug/l   | 96       |
| 71) Bromoform                 | 12.298 | 173  | 52531    | 43.583  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.416 | 105  | 610662   | 55.352  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.228 | 43   | 113338   | 46.112  | ug/l   | 90       |
| 75) 1,1,2,2-Tetrachloroethane | 12.669 | 83   | 90430    | 43.900  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.722 | 75   | 117838   | 45.726  | ug/l # | 100      |
| 77) Bromobenzene              | 12.698 | 156  | 126958   | 51.455  | ug/l   | 84       |
| 78) n-propylbenzene           | 12.763 | 91   | 749997   | 54.939  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 12.846 | 91   | 414816   | 54.567  | ug/l   | 91       |
| 80) 1,3,5-Trimethylbenzene    | 12.898 | 105  | 509349   | 55.675  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.463 | 75   | 35034    | 46.604  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.945 | 91   | 422345   | 52.833  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.163 | 119  | 427557   | 55.375  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 13.210 | 105  | 518248   | 55.370  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.340 | 105  | 653046   | 54.888  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.457 | 119  | 553048   | 55.333  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.457 | 146  | 270057   | 51.414  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.534 | 146  | 261588   | 50.452  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.787 | 91   | 518153   | 54.998  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.051 | 117  | 106259   | 51.815  | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene       | 13.828 | 146  | 226266   | 50.017  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.445 | 75   | 11470    | 40.794  | ug/l   | 83       |
| 93) 1,2,4-Trichlorobenzene    | 15.098 | 180  | 129960   | 49.938  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.198 | 225  | 68921    | 52.664  | ug/l   | 97       |
| 95) Naphthalene               | 15.328 | 128  | 235407   | 47.296  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.516 | 180  | 109211   | 47.875  | ug/l   | 98       |

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Quant Title : SW846 8260  
QLast Update : Mon Aug 12 14:24:32 2024  
Response via : Initial Calibration

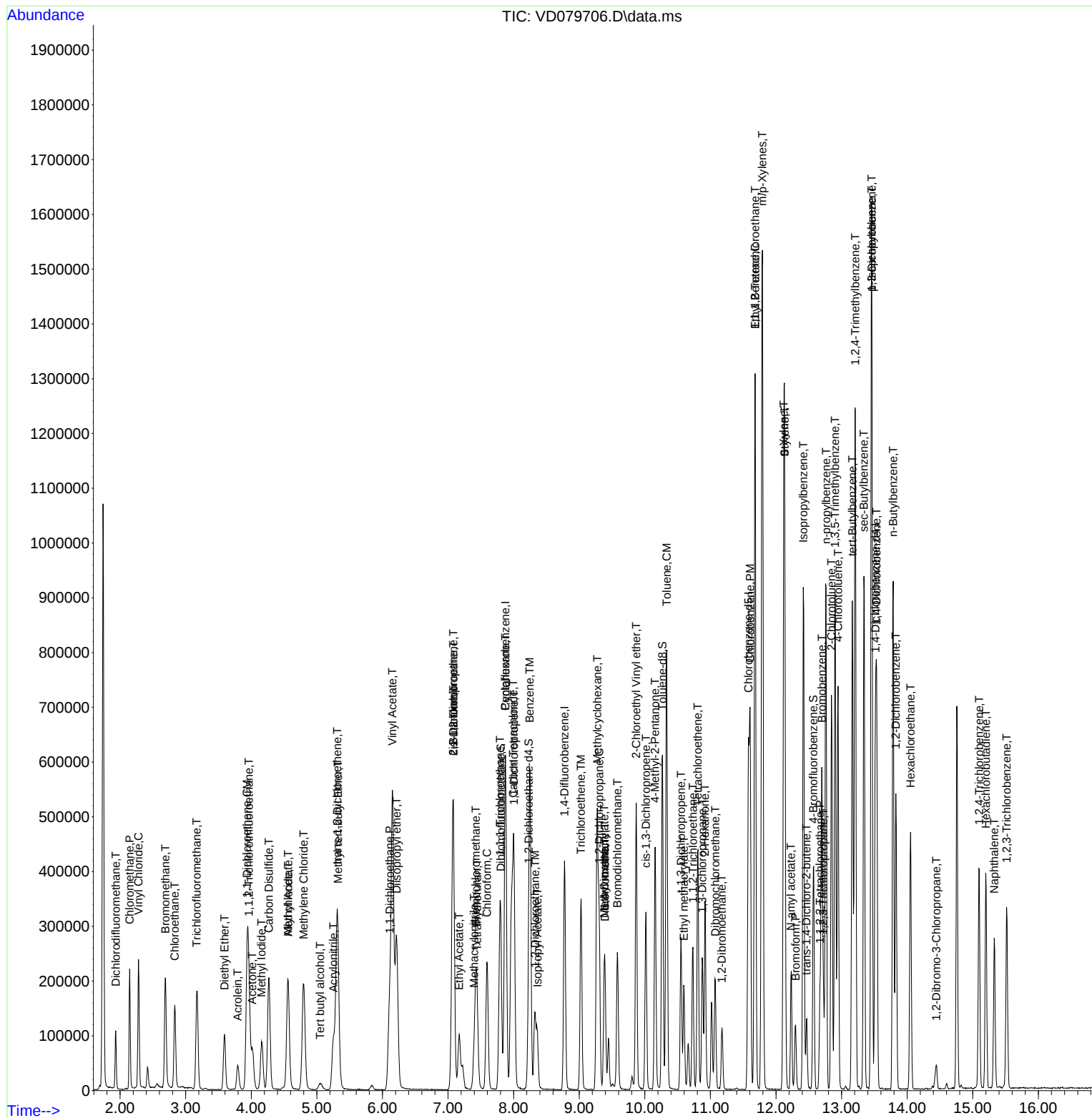
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

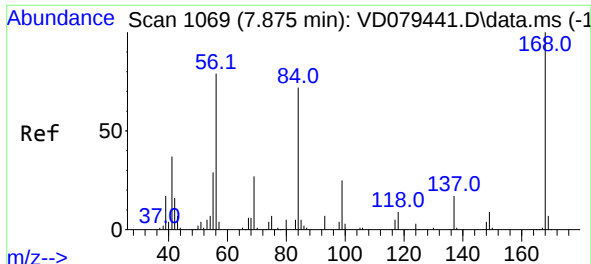
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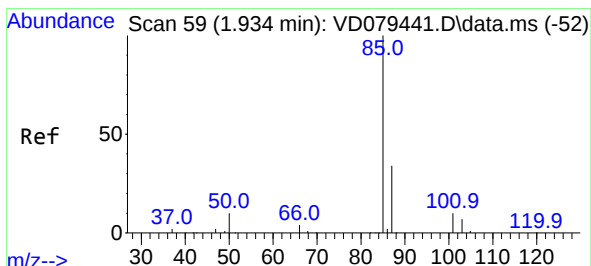
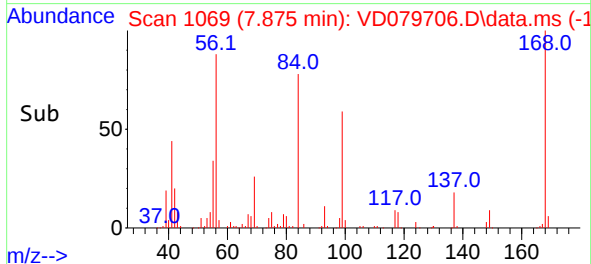
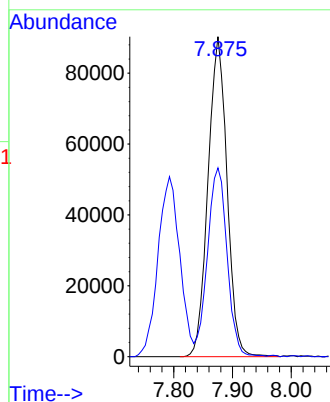
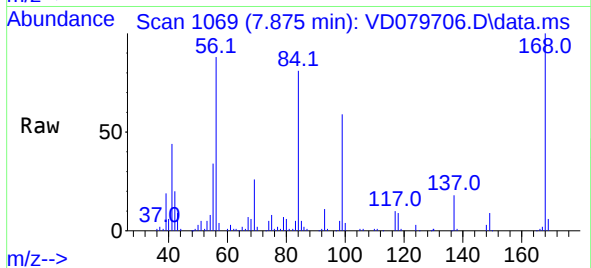




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.875 min Scan# 10  
Delta R.T. 0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

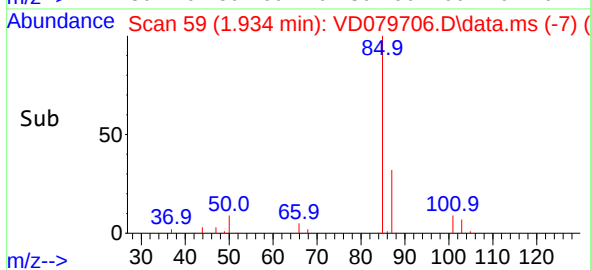
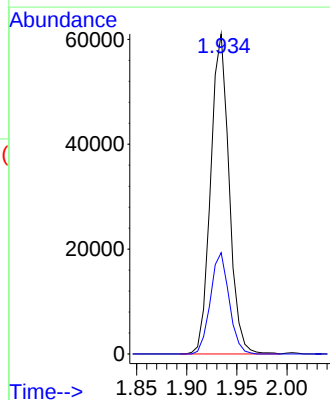
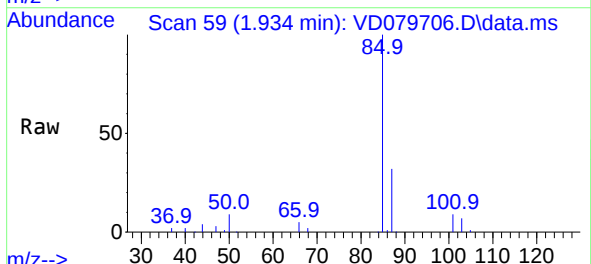
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MSVOA\_D  
ClientSampleId :

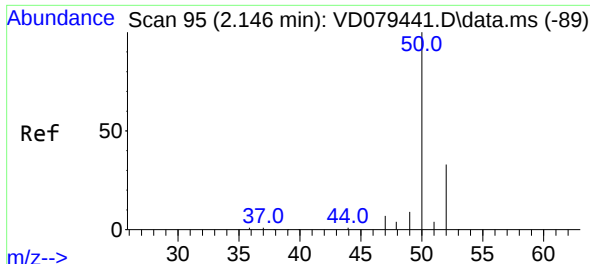
Tgt Ion:168 Resp: 202243  
Ion Ratio Lower Upper  
168 100  
99 59.0 41.1 61.7



#2  
Dichlorodifluoromethane  
Concen: 46.433 ug/l  
RT: 1.934 min Scan# 59  
Delta R.T. 0.006 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

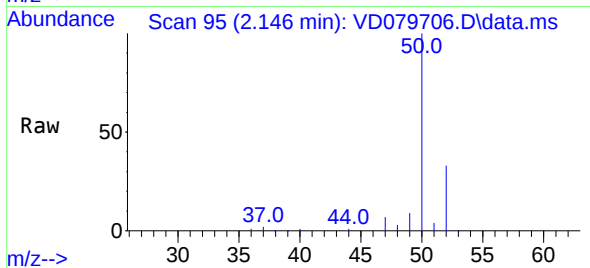
Tgt Ion: 85 Resp: 77853  
Ion Ratio Lower Upper  
85 100  
87 31.6 16.0 48.0



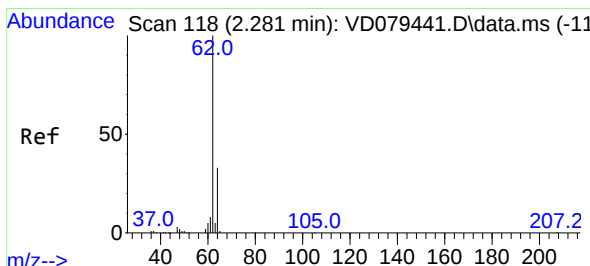
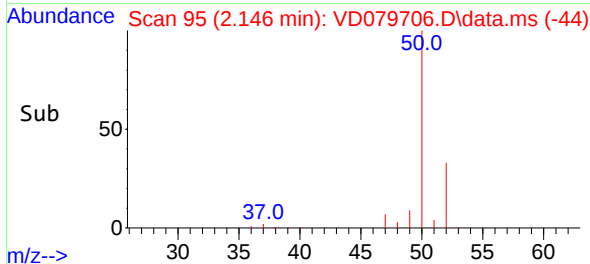
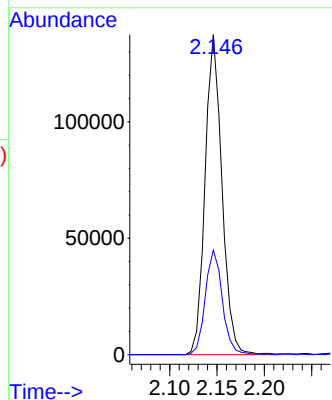


#3  
Chloromethane  
Concen: 43.737 ug/l  
RT: 2.146 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Instrument :  
MSVOA\_D  
ClientSampleId :

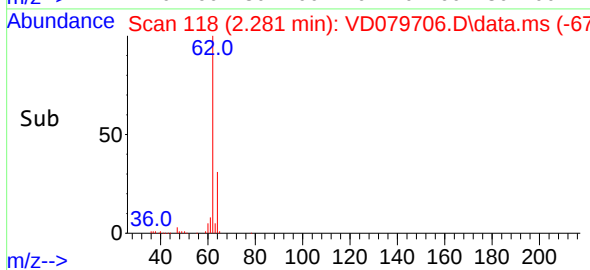
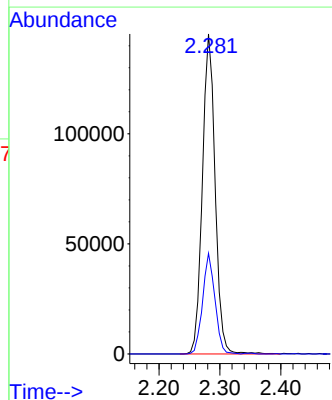
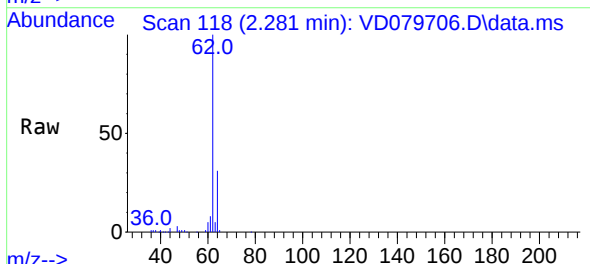


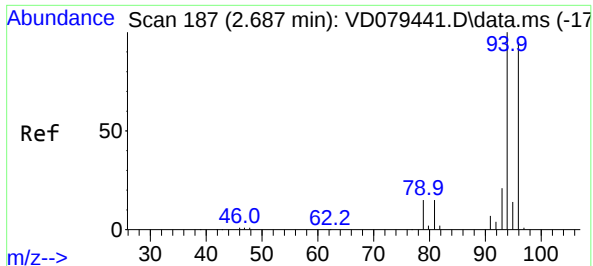
Tgt Ion: 50 Resp: 170841  
Ion Ratio Lower Upper  
50 100  
52 32.6 28.2 42.2



#4  
Vinyl Chloride  
Concen: 45.815 ug/l  
RT: 2.281 min Scan# 118  
Delta R.T. 0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Tgt Ion: 62 Resp: 211553  
Ion Ratio Lower Upper  
62 100  
64 31.5 26.3 39.5

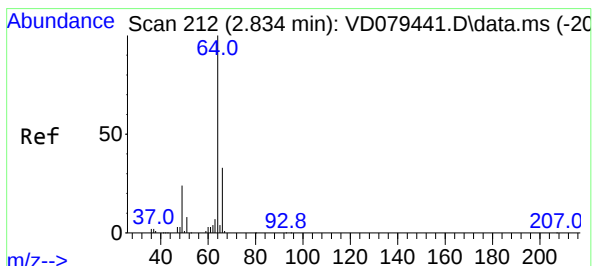
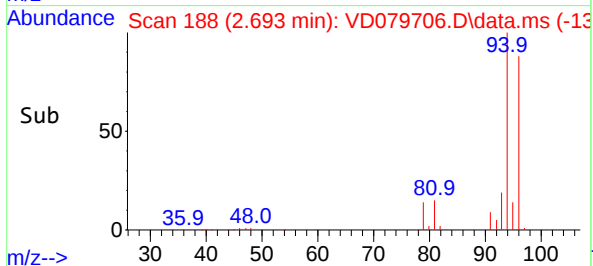
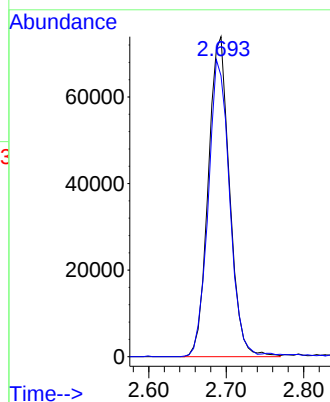
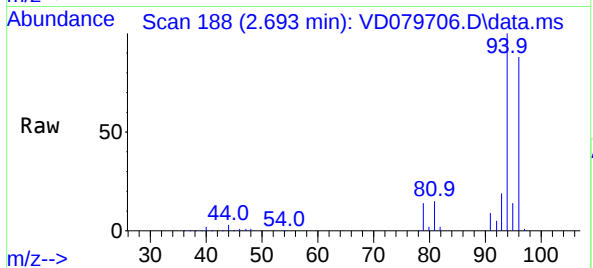




#5  
Bromomethane  
Concen: 44.841 ug/l  
RT: 2.693 min Scan# 188  
Delta R.T. 0.006 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

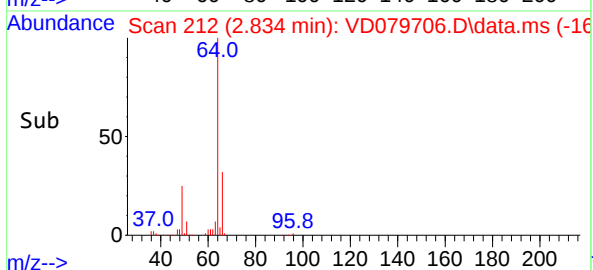
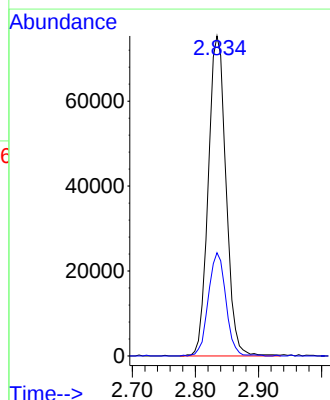
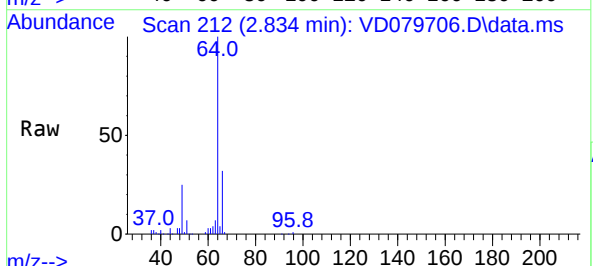
Instrument :  
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ClientSampleId :

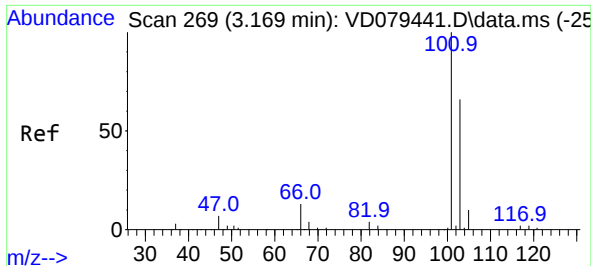
Tgt Ion: 94 Resp: 140935  
Ion Ratio Lower Upper  
94 100  
96 92.9 76.9 115.3



#6  
Chloroethane  
Concen: 46.571 ug/l  
RT: 2.834 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Tgt Ion: 64 Resp: 146789  
Ion Ratio Lower Upper  
64 100  
66 32.3 24.5 36.7

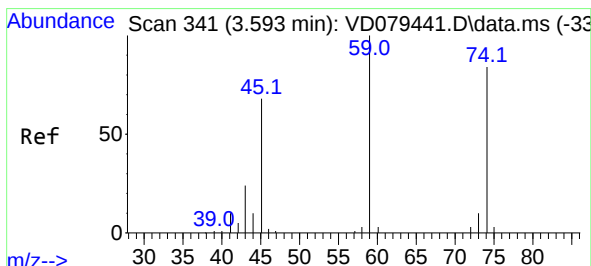
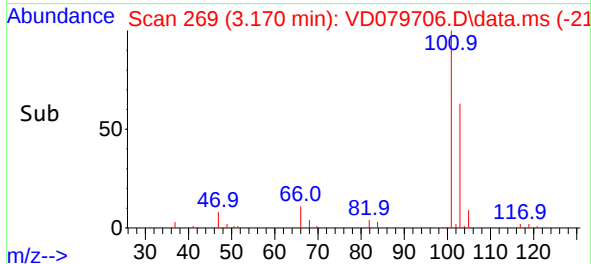
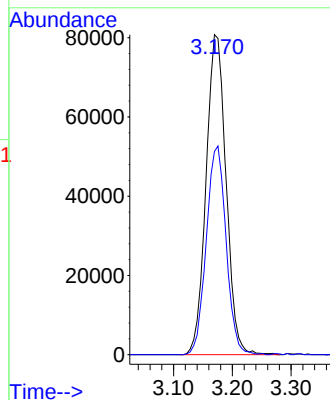
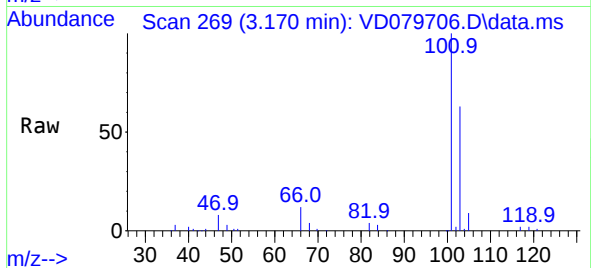




#7  
Trichlorofluoromethane  
Concen: 46.200 ug/l  
RT: 3.170 min Scan# 269  
Delta R.T. -0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

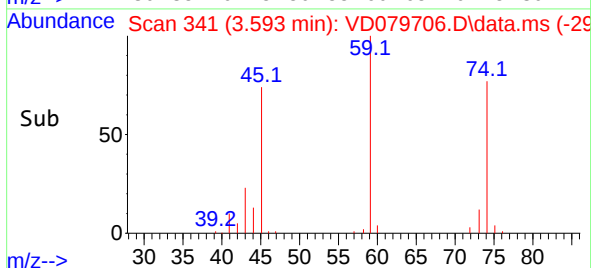
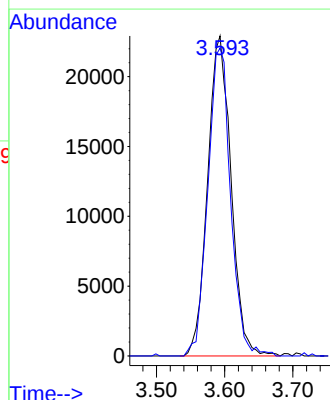
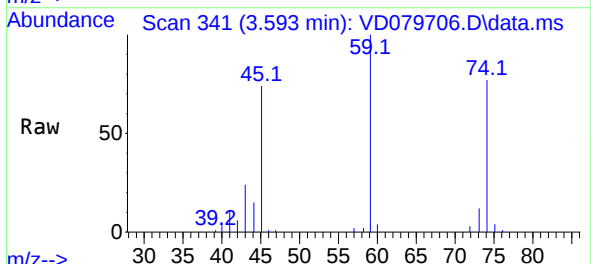
Instrument :  
MSVOA\_D  
ClientSampleId :

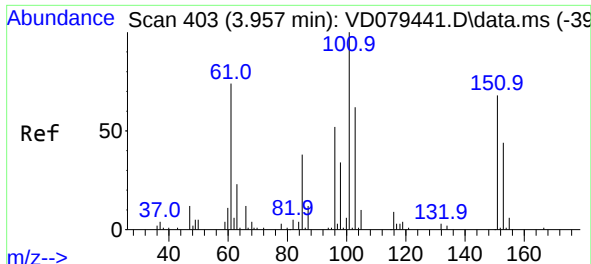
Tgt Ion:101 Resp: 190791  
Ion Ratio Lower Upper  
101 100  
103 63.5 53.2 79.8



#8  
Diethyl Ether  
Concen: 42.481 ug/l  
RT: 3.593 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

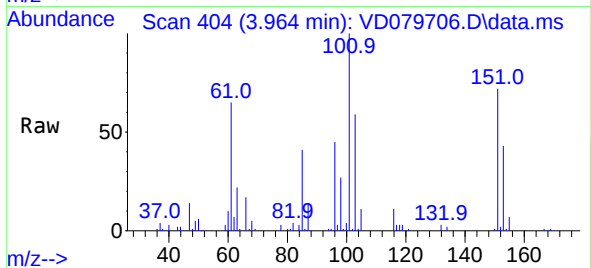
Tgt Ion: 74 Resp: 54857  
Ion Ratio Lower Upper  
74 100  
45 93.7 37.9 113.6



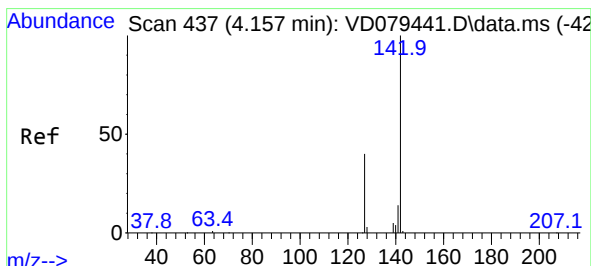
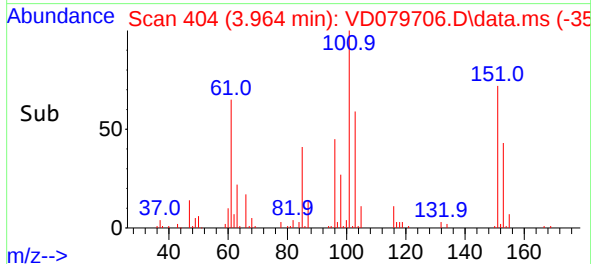
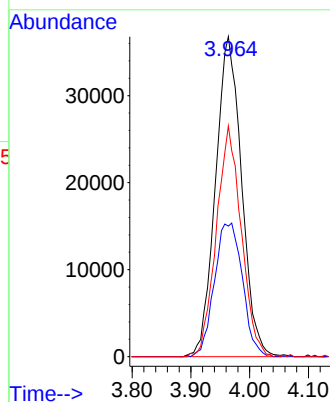


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 46.583 ug/l  
RT: 3.964 min Scan# 403  
Delta R.T. -0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Instrument :  
MSVOA\_D  
ClientSampleId :

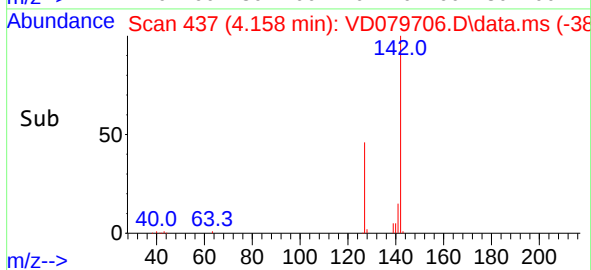
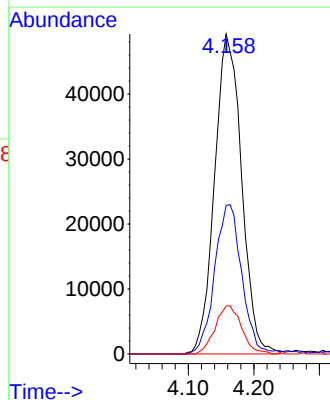
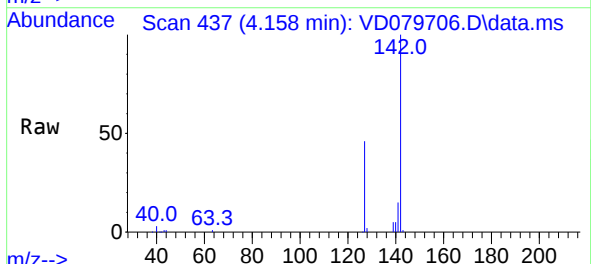


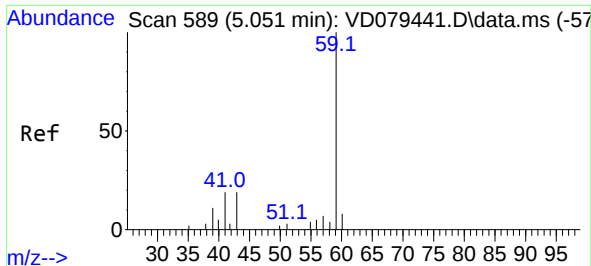
Tgt Ion:101 Resp: 113248  
Ion Ratio Lower Upper  
101 100  
85 44.9 33.5 50.3  
151 69.1 60.3 90.5



#10  
Methyl Iodide  
Concen: 51.656 ug/l  
RT: 4.158 min Scan# 437  
Delta R.T. 0.006 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

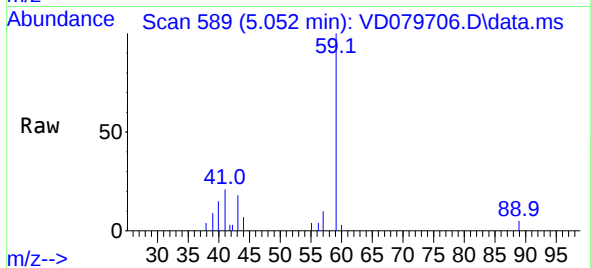
Tgt Ion:142 Resp: 140561  
Ion Ratio Lower Upper  
142 100  
127 46.9 34.2 51.4  
141 14.7 11.7 17.5



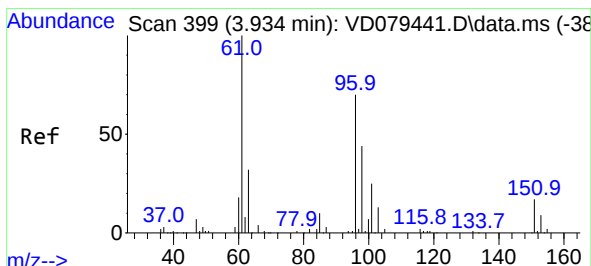
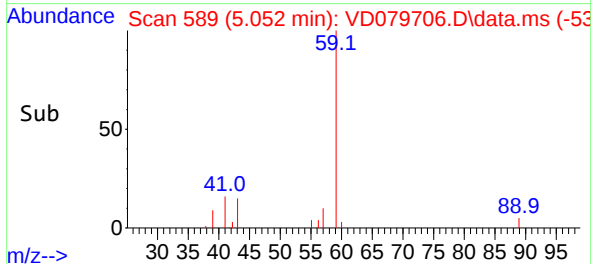
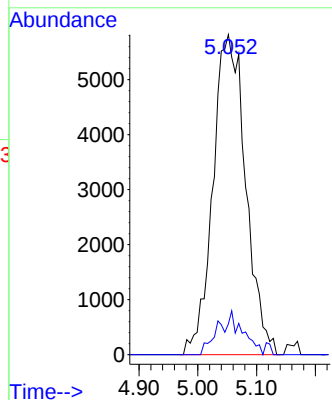


#11  
Tert butyl alcohol  
Concen: 196.277 ug/l  
RT: 5.052 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Instrument :  
MSVOA\_D  
ClientSampleId :

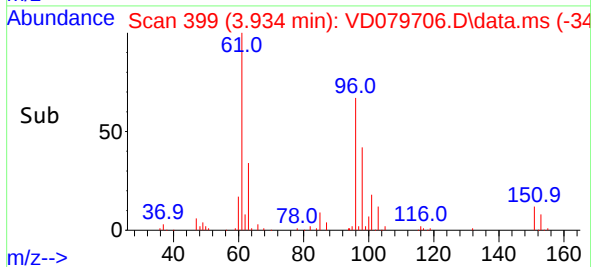
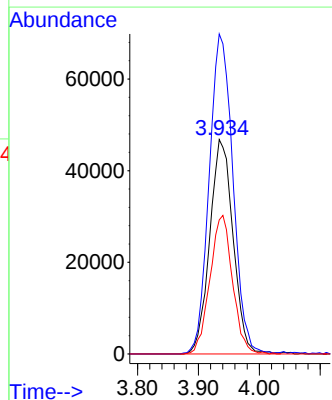
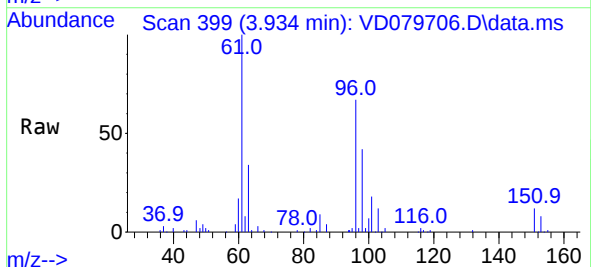


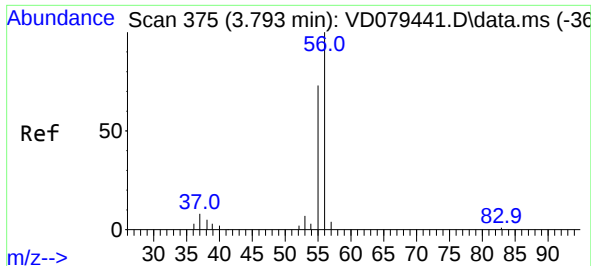
Tgt Ion: 59 Resp: 22455  
Ion Ratio Lower Upper  
59 100  
57 6.3 3.6 5.4#



#12  
1,1-Dichloroethene  
Concen: 49.081 ug/l  
RT: 3.934 min Scan# 399  
Delta R.T. 0.006 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Tgt Ion: 96 Resp: 124767  
Ion Ratio Lower Upper  
96 100  
61 149.2 107.3 160.9  
98 62.6 51.7 77.5





#13

Acrolein

Concen: 199.227 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

Instrument :

MSVOA\_D

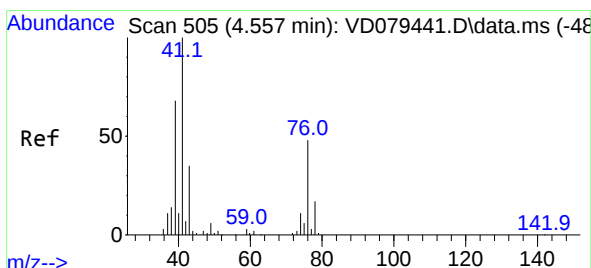
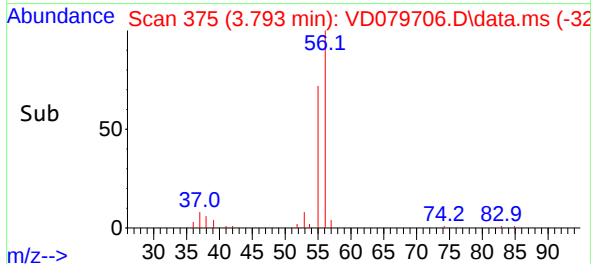
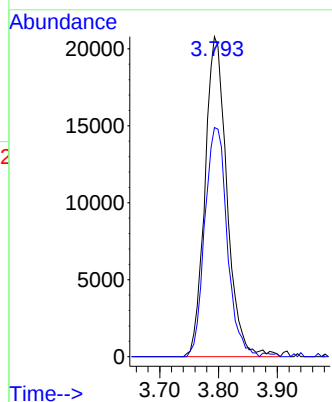
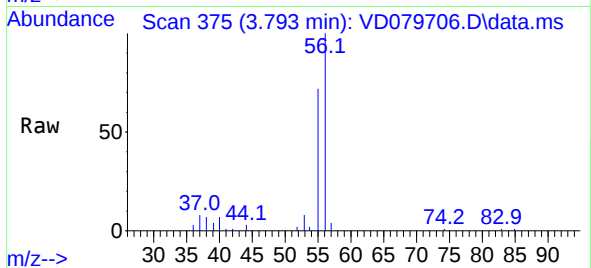
ClientSampleId :

Tgt Ion: 56 Resp: 53920

Ion Ratio Lower Upper

56 100

55 73.0 55.3 82.9



#14

Allyl chloride

Concen: 48.361 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.012 min

Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

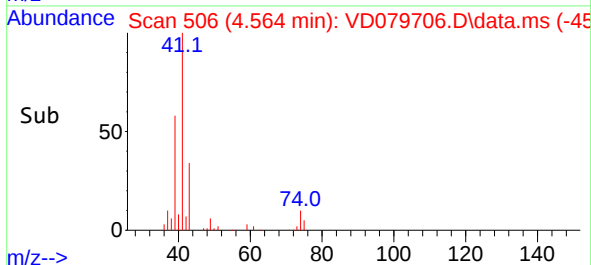
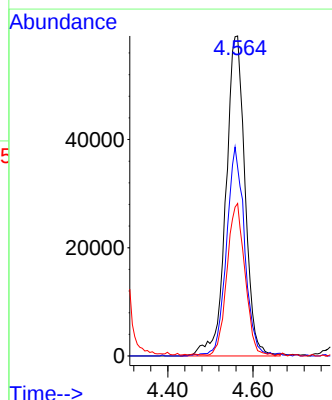
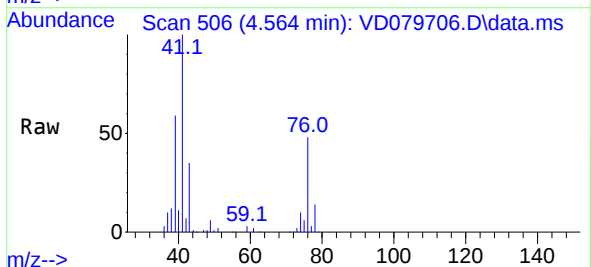
Tgt Ion: 41 Resp: 184394

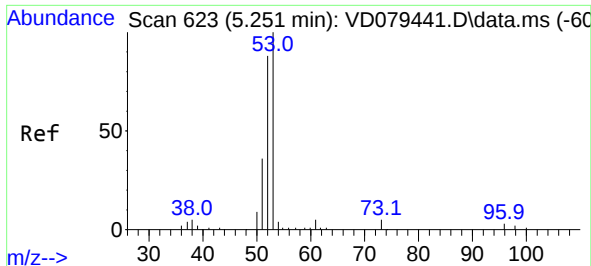
Ion Ratio Lower Upper

41 100

39 62.0 58.0 87.0

76 45.1 45.9 68.9#





#15

Acrylonitrile

Concen: 206.308 ug/l

RT: 5.252 min Scan# 61

Delta R.T. -0.000 min

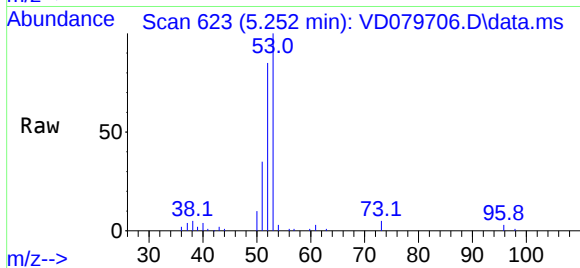
Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

Instrument :

MSVOA\_D

ClientSampleId :



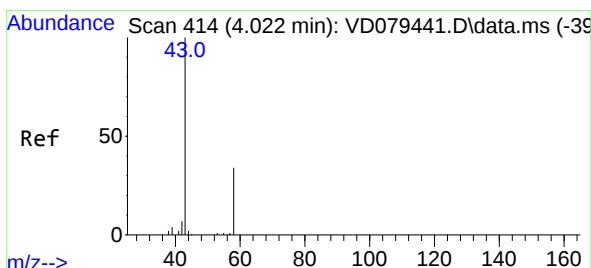
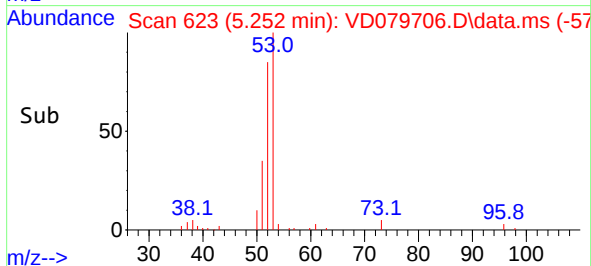
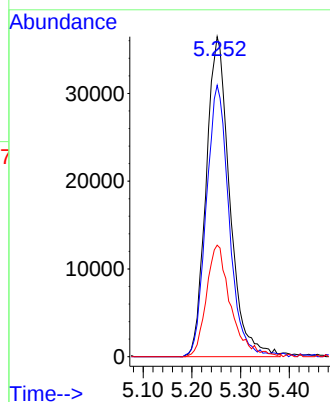
Tgt Ion: 53 Resp: 122642

Ion Ratio Lower Upper

53 100

52 81.8 67.7 101.5

51 36.0 28.6 42.8



#16

Acetone

Concen: 216.526 ug/l

RT: 4.017 min Scan# 413

Delta R.T. -0.005 min

Lab File: VD079706.D

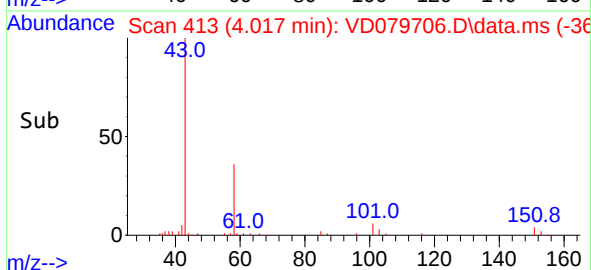
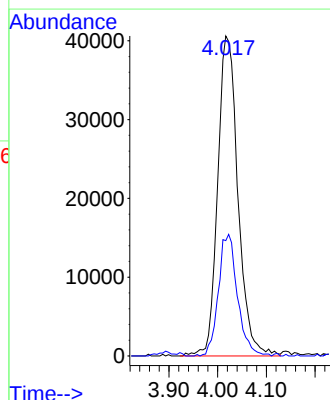
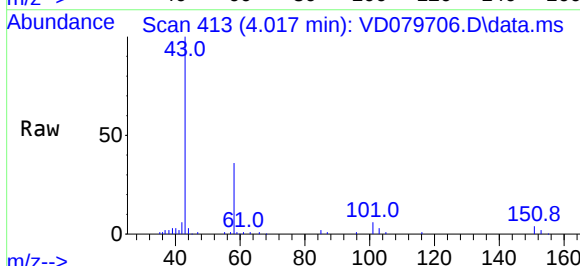
Acq: 12 Aug 2024 12:20

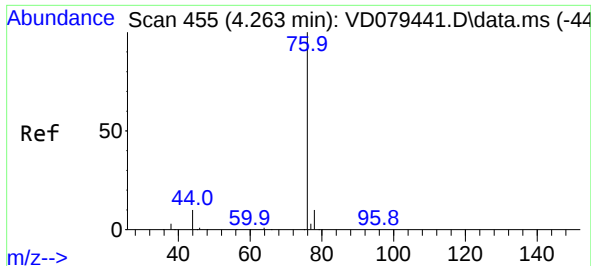
Tgt Ion: 43 Resp: 117547

Ion Ratio Lower Upper

43 100

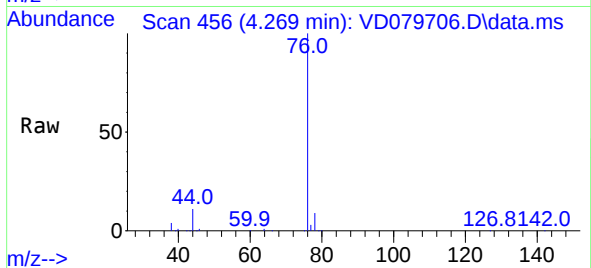
58 36.0 30.4 45.6



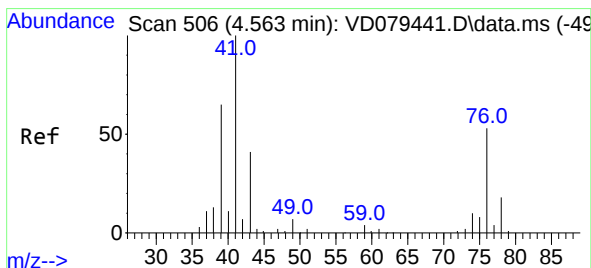
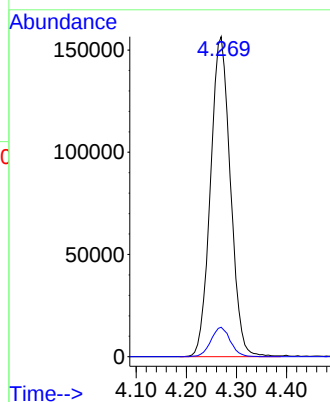
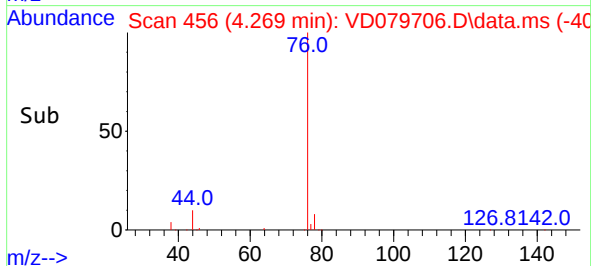


#17  
Carbon Disulfide  
Concen: 47.948 ug/l  
RT: 4.269 min Scan# 417  
Delta R.T. 0.005 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Instrument :  
MSVOA\_D  
ClientSampleId :

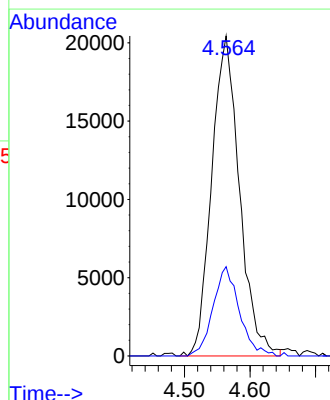
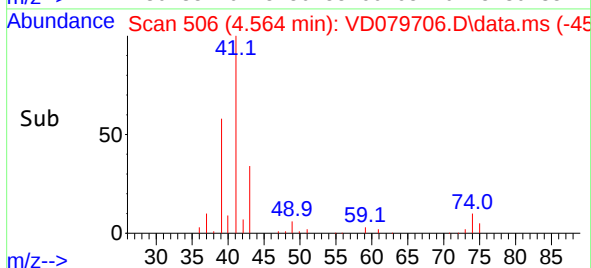
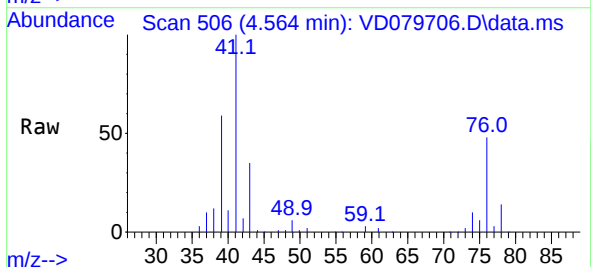


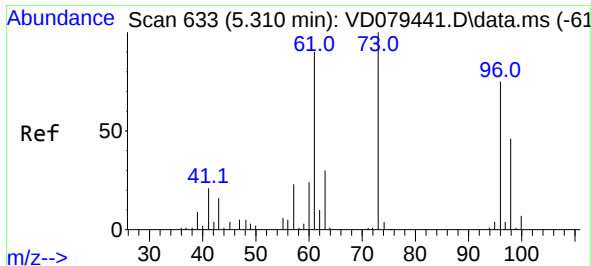
Tgt Ion: 76 Resp: 432073  
Ion Ratio Lower Upper  
76 100  
78 9.2 6.9 10.3



#18  
Methyl Acetate  
Concen: 37.867 ug/l  
RT: 4.564 min Scan# 506  
Delta R.T. -0.005 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Tgt Ion: 43 Resp: 60070  
Ion Ratio Lower Upper  
43 100  
74 26.4 28.1 42.1#





#19

Methyl tert-butyl Ether

Concen: 43.179 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

Instrument :

MSVOA\_D

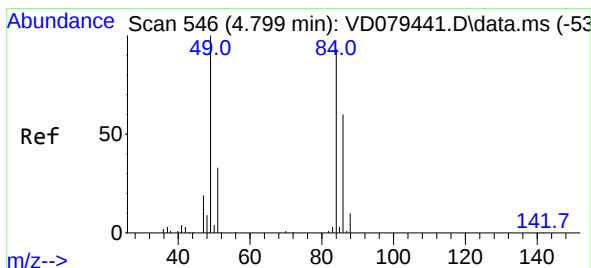
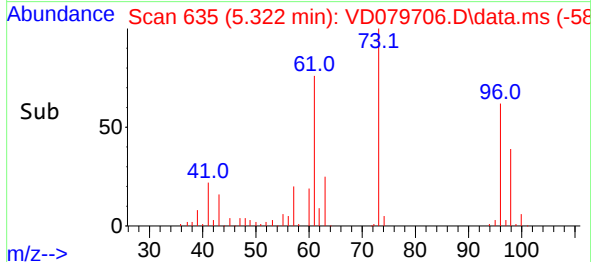
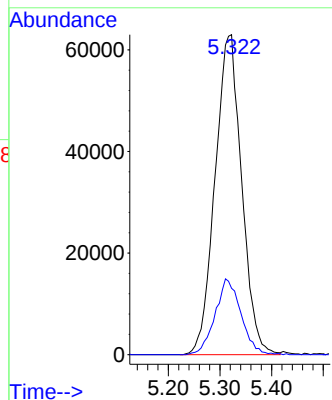
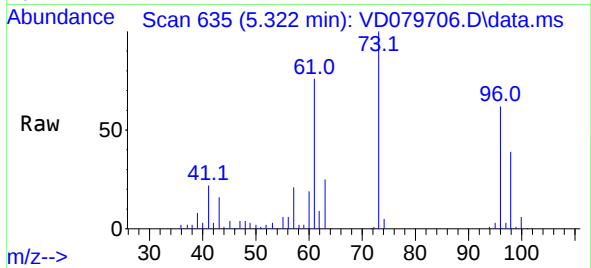
ClientSampleId :

Tgt Ion: 73 Resp: 225382

Ion Ratio Lower Upper

73 100

57 20.8 18.3 27.5



#20

Methylene Chloride

Concen: 48.175 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

Tgt Ion: 84 Resp: 156207

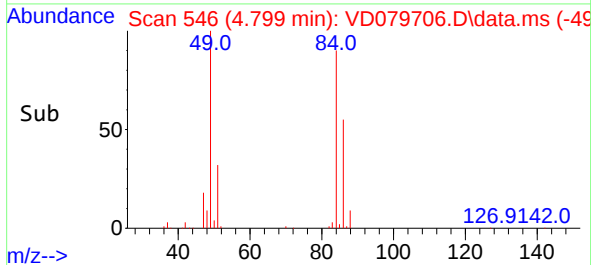
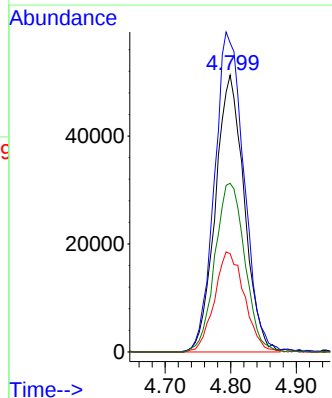
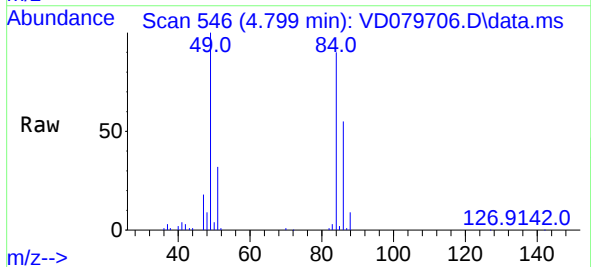
Ion Ratio Lower Upper

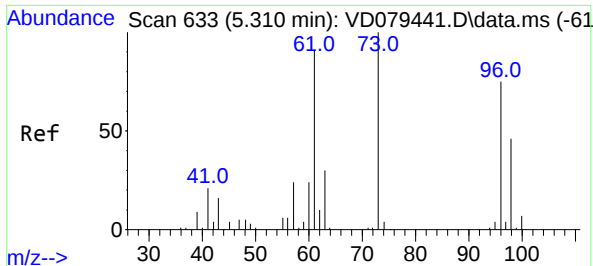
84 100

49 111.7 75.6 113.4

51 35.5 24.2 36.2

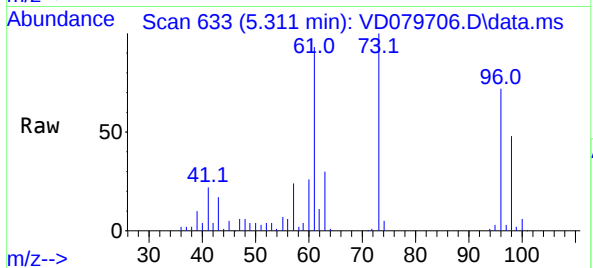
86 60.9 49.2 73.8



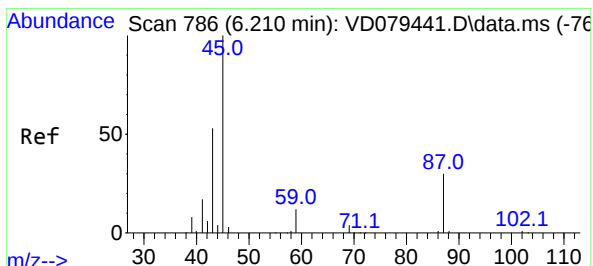
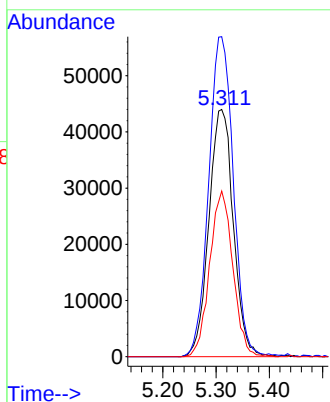
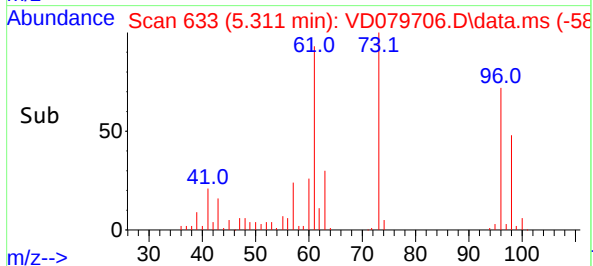


#21  
trans-1,2-Dichloroethene  
Concen: 50.288 ug/l  
RT: 5.311 min Scan# 611  
Delta R.T. -0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

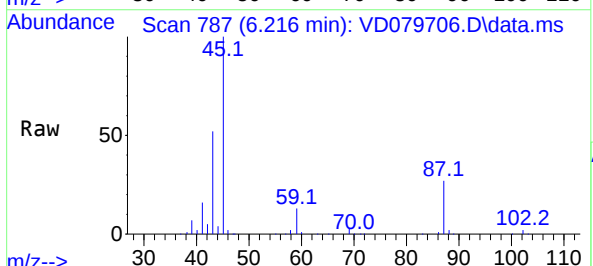
Instrument :  
MSVOA\_D  
ClientSampleId :



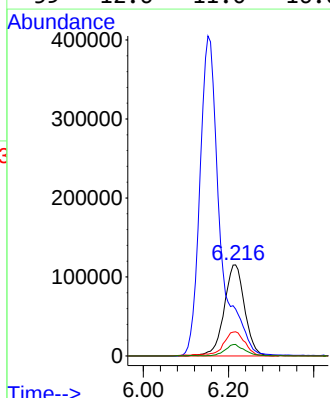
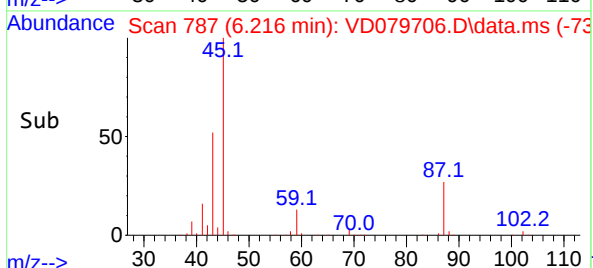
Tgt Ion: 96 Resp: 140353  
Ion Ratio Lower Upper  
96 100  
61 129.4 84.5 126.7#  
98 67.0 50.5 75.7

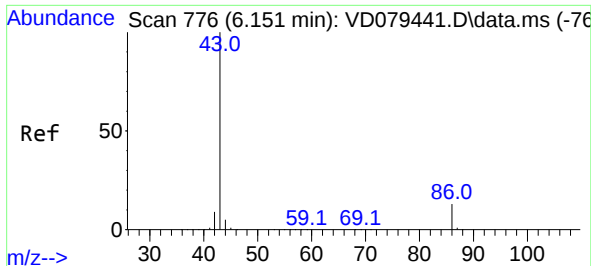


#22  
Diisopropyl ether  
Concen: 48.899 ug/l  
RT: 6.216 min Scan# 787  
Delta R.T. 0.005 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20



Tgt Ion: 45 Resp: 384205  
Ion Ratio Lower Upper  
45 100  
43 51.4 41.7 62.5  
87 26.5 30.2 45.2#  
59 12.6 11.0 16.6

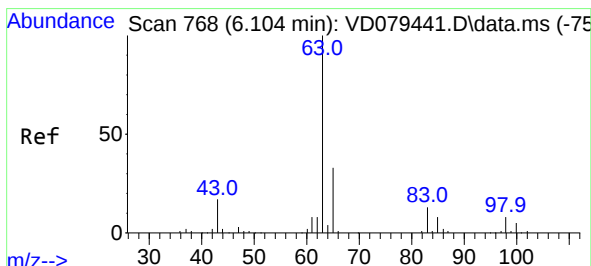
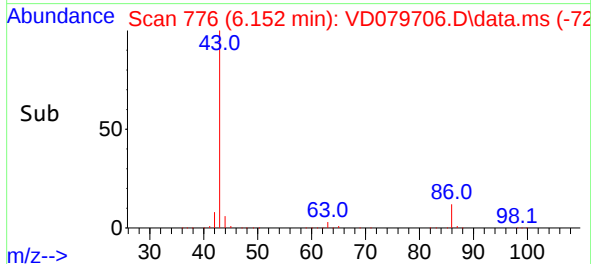
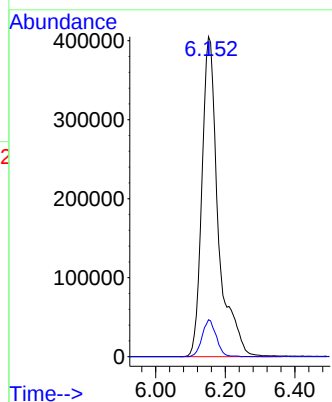
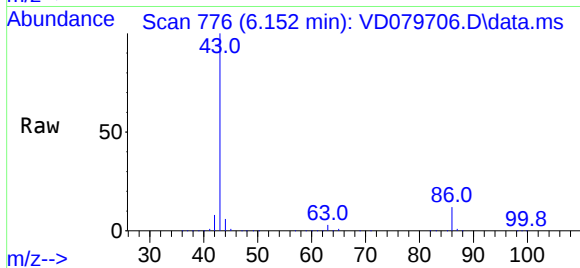




#23  
 Vinyl Acetate  
 Concen: 229.523 ug/l  
 RT: 6.152 min Scan# 71  
 Delta R.T. -0.000 min  
 Lab File: VD079706.D  
 Acq: 12 Aug 2024 12:20

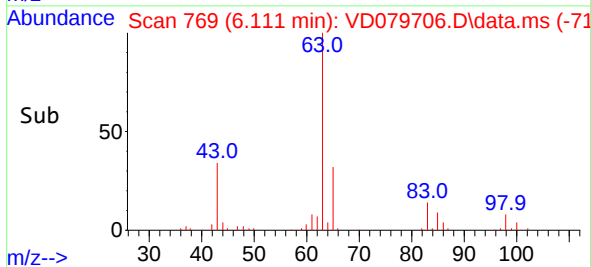
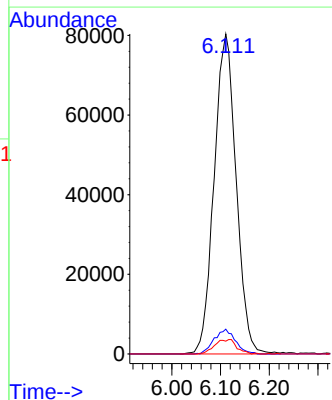
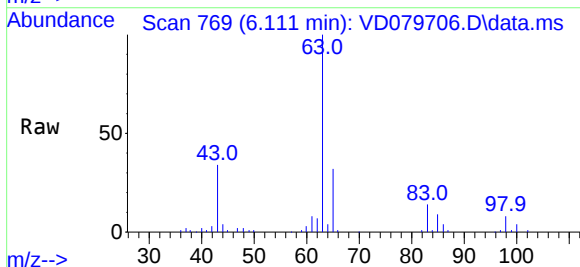
Instrument :  
 MSVOA\_D  
 ClientSampleId :

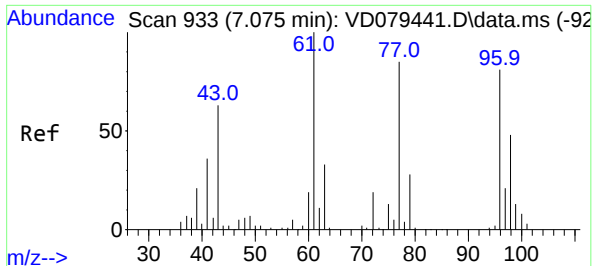
Tgt Ion: 43 Resp: 1321870  
 Ion Ratio Lower Upper  
 43 100  
 86 11.6 12.3 18.5#



#24  
 1,1-Dichloroethane  
 Concen: 48.624 ug/l  
 RT: 6.111 min Scan# 769  
 Delta R.T. 0.006 min  
 Lab File: VD079706.D  
 Acq: 12 Aug 2024 12:20

Tgt Ion: 63 Resp: 252558  
 Ion Ratio Lower Upper  
 63 100  
 98 7.8 4.7 14.0  
 100 4.0 2.9 8.6

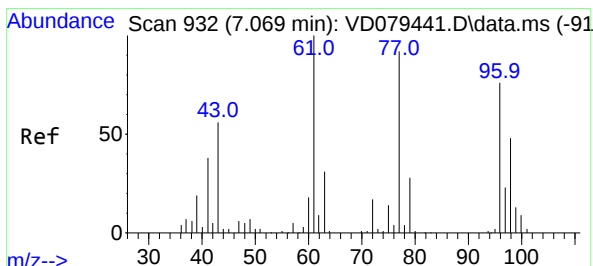
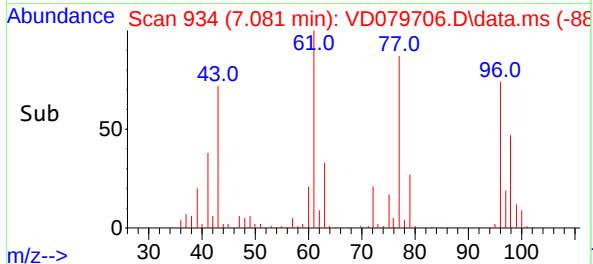
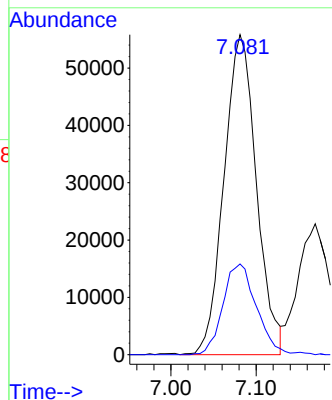
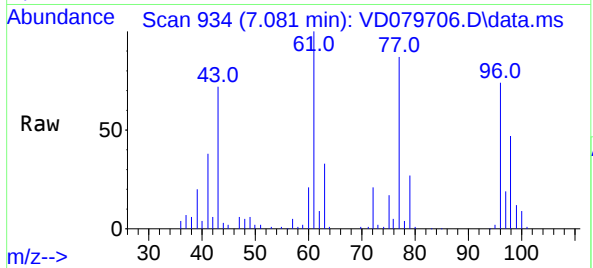




#25  
2-Butanone  
Concen: 206.465 ug/l  
RT: 7.081 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

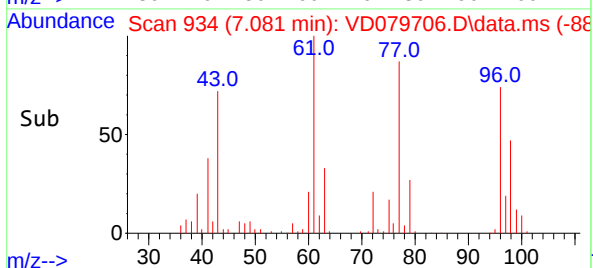
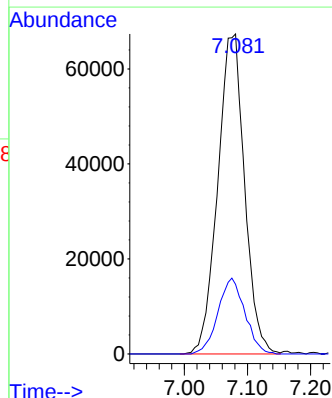
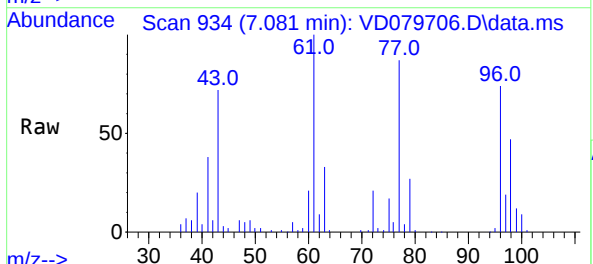
Instrument :  
MSVOA\_D  
ClientSampleId :

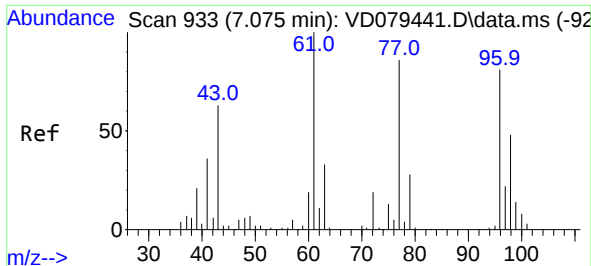
Tgt Ion: 43 Resp: 147797  
Ion Ratio Lower Upper  
43 100  
72 28.4 26.4 39.6



#26  
2,2-Dichloropropane  
Concen: 48.489 ug/l  
RT: 7.081 min Scan# 934  
Delta R.T. 0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Tgt Ion: 77 Resp: 198902  
Ion Ratio Lower Upper  
77 100  
97 23.8 12.4 37.2

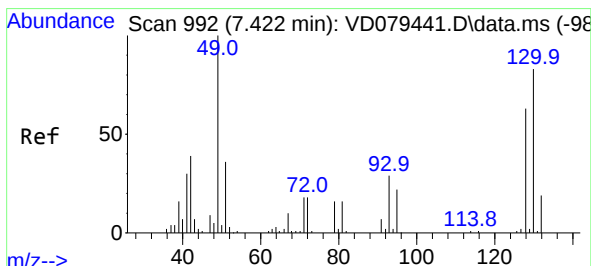
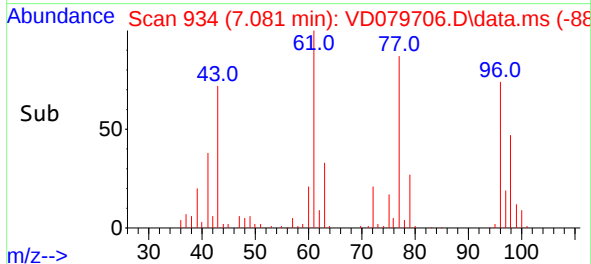
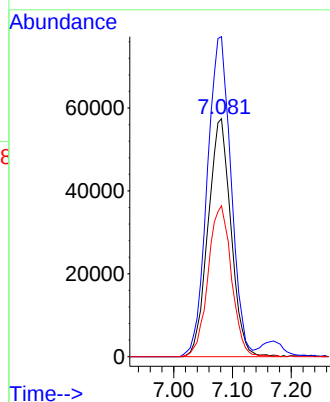
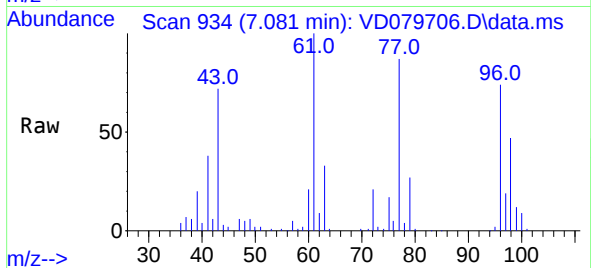




#27  
cis-1,2-Dichloroethene  
Concen: 48.004 ug/l  
RT: 7.081 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

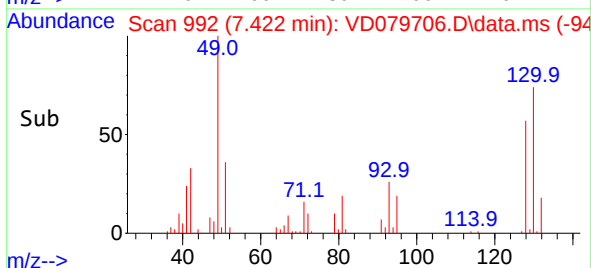
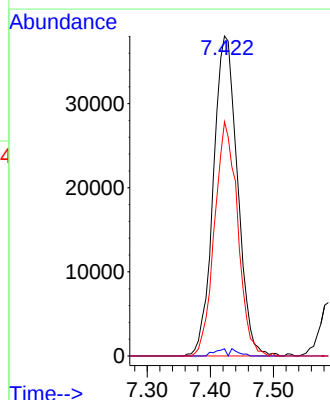
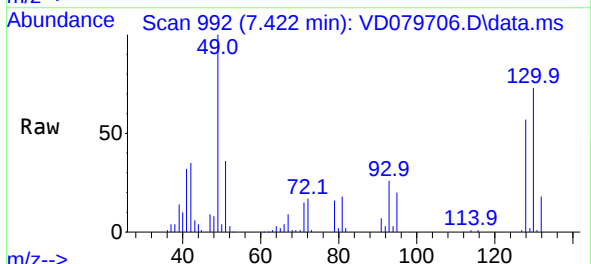
Instrument :  
MSVOA\_D  
ClientSampleId :

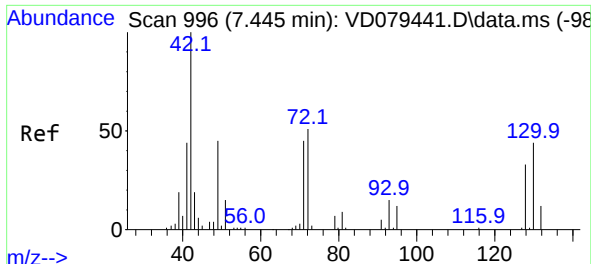
Tgt Ion: 96 Resp: 155406  
Ion Ratio Lower Upper  
96 100  
61 139.4 0.0 229.0  
98 64.6 0.0 127.2



#28  
Bromochloromethane  
Concen: 45.729 ug/l  
RT: 7.422 min Scan# 992  
Delta R.T. 0.006 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

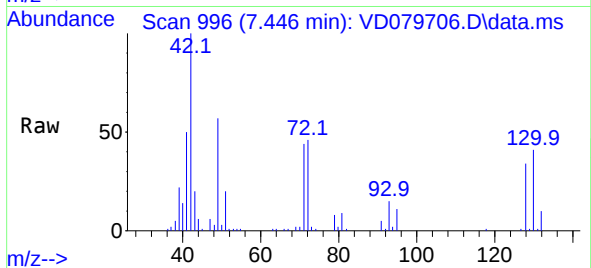
Tgt Ion: 49 Resp: 101042  
Ion Ratio Lower Upper  
49 100  
129 1.0 0.0 7.0  
130 70.0 87.7 131.5#



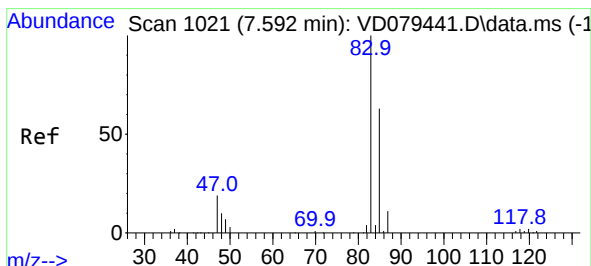
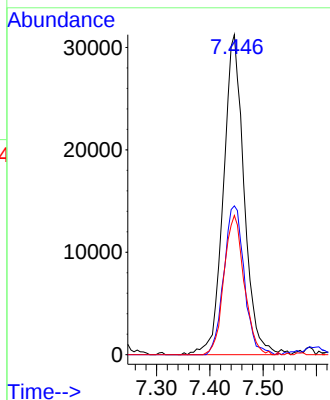
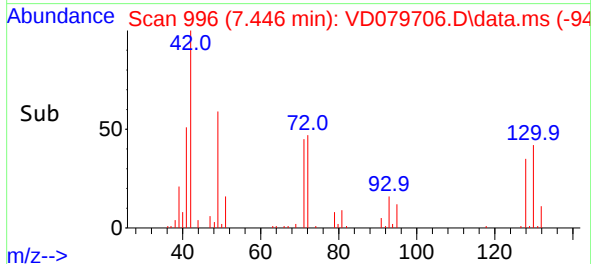


#29  
Tetrahydrofuran  
Concen: 193.237 ug/l  
RT: 7.446 min Scan# 996  
Delta R.T. -0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Instrument :  
MSVOA\_D  
ClientSampleId :

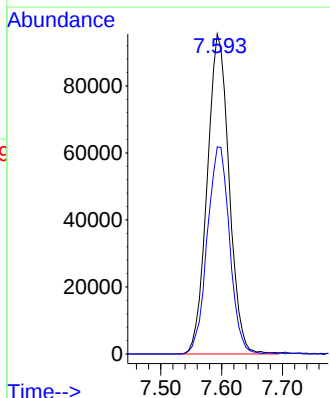
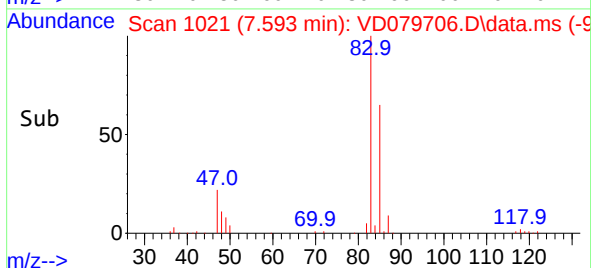
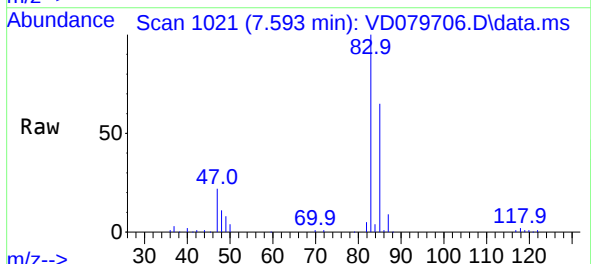


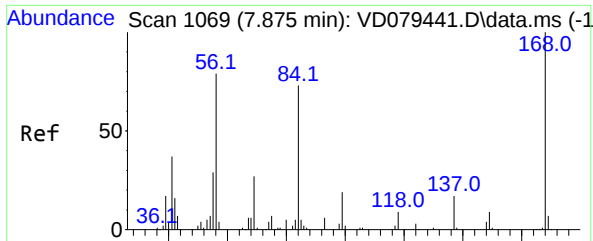
Tgt Ion: 42 Resp: 84091  
Ion Ratio Lower Upper  
42 100  
72 46.0 49.4 74.0#  
71 42.6 45.0 67.6#



#30  
Chloroform  
Concen: 47.278 ug/l  
RT: 7.593 min Scan# 1021  
Delta R.T. -0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

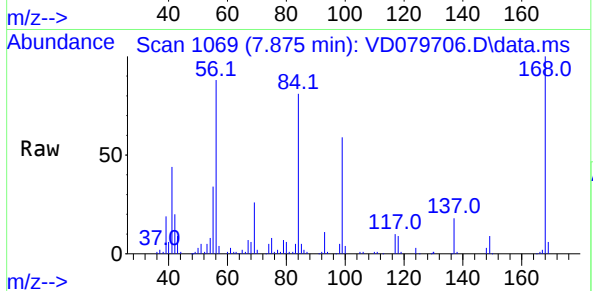
Tgt Ion: 83 Resp: 238461  
Ion Ratio Lower Upper  
83 100  
85 64.7 51.8 77.6



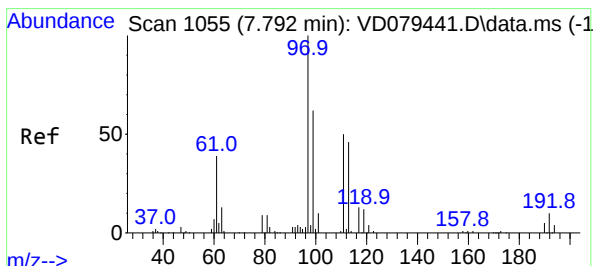
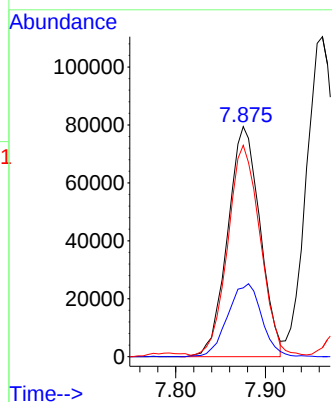
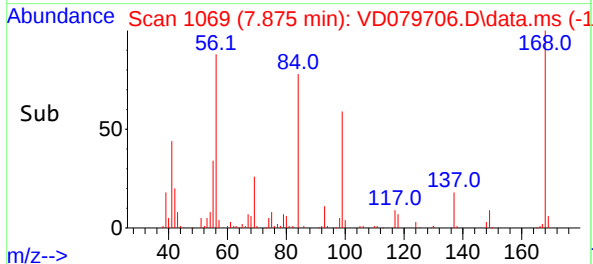


#31  
Cyclohexane  
Concen: 46.765 ug/l  
RT: 7.875 min Scan# 1069  
Delta R.T. -0.006 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

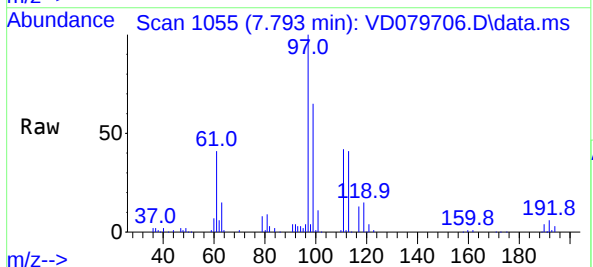
Instrument :  
MSVOA\_D  
ClientSampleId :



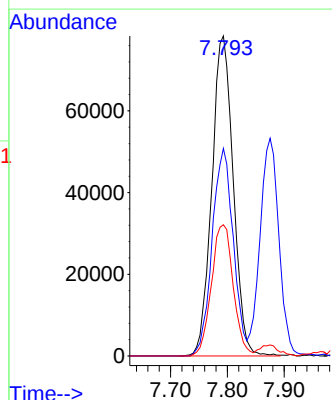
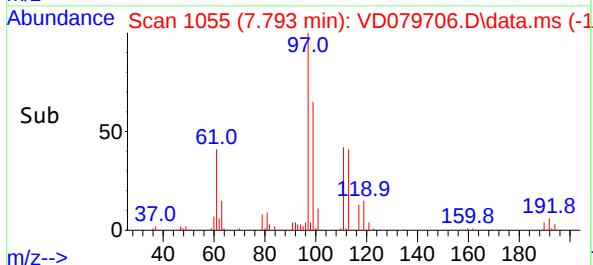
Tgt Ion: 56 Resp: 198891  
Ion Ratio Lower Upper  
56 100  
69 29.9 28.0 42.0  
84 90.3 87.4 131.0

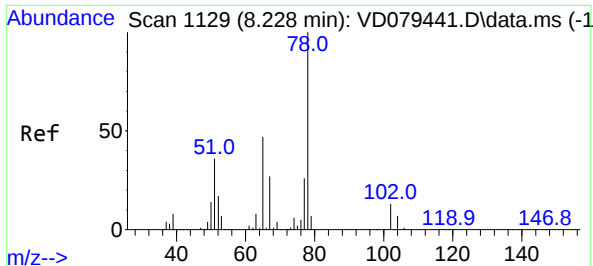


#32  
1,1,1-Trichloroethane  
Concen: 49.061 ug/l  
RT: 7.793 min Scan# 1055  
Delta R.T. -0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20



Tgt Ion: 97 Resp: 204725  
Ion Ratio Lower Upper  
97 100  
99 63.9 51.3 76.9  
61 41.8 31.4 47.2

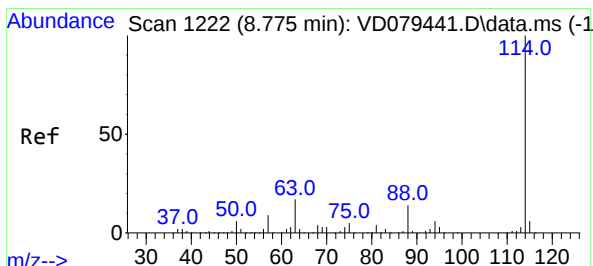
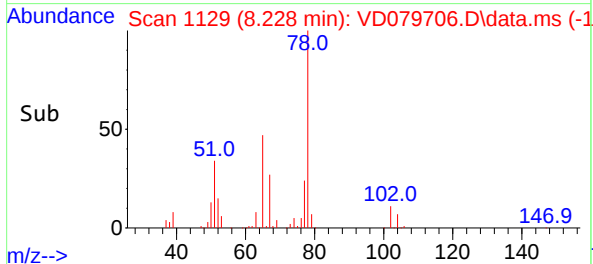
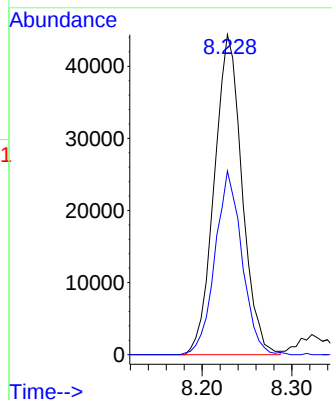
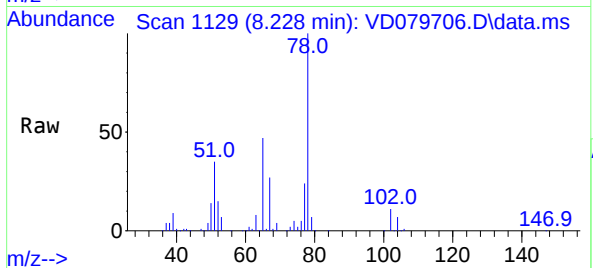




#33  
1,2-Dichloroethane-d4  
Concen: 41.039 ug/l  
RT: 8.228 min Scan# 1129  
Delta R.T. 0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

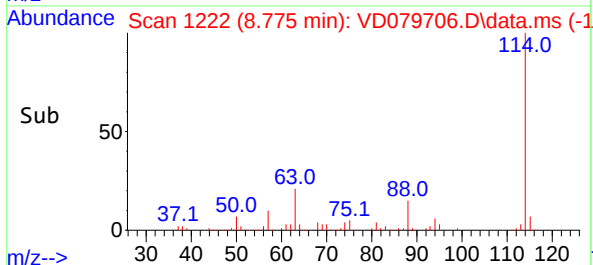
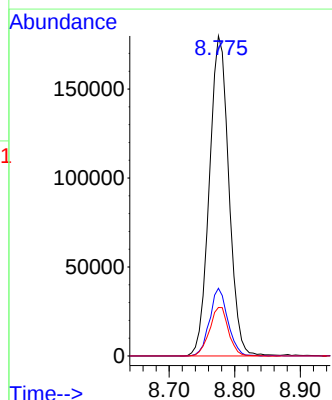
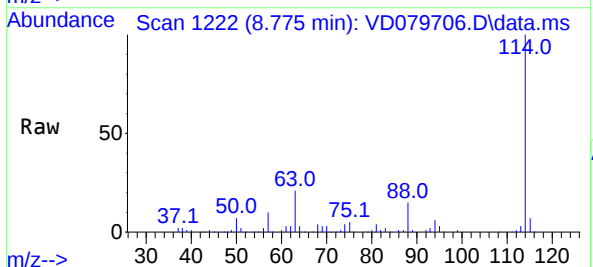
Instrument :  
MSVOA\_D  
ClientSampleId :

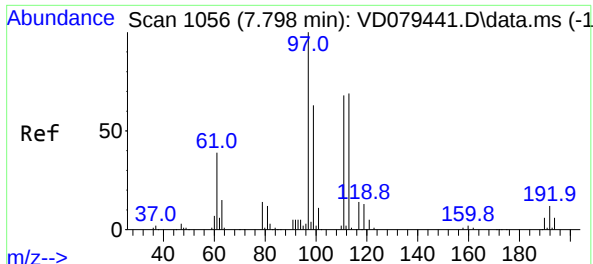
Tgt Ion: 65 Resp: 95487  
Ion Ratio Lower Upper  
65 100  
67 55.6 0.0 111.0



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.775 min Scan# 1222  
Delta R.T. 0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

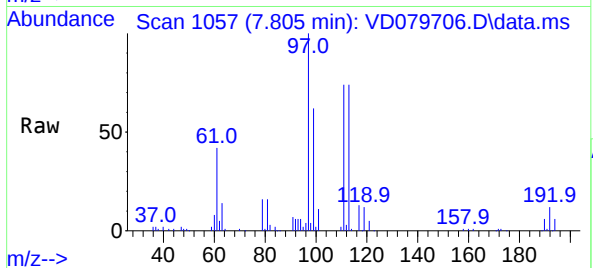
Tgt Ion: 114 Resp: 370726  
Ion Ratio Lower Upper  
114 100  
63 21.2 0.0 34.0  
88 15.1 0.0 27.2



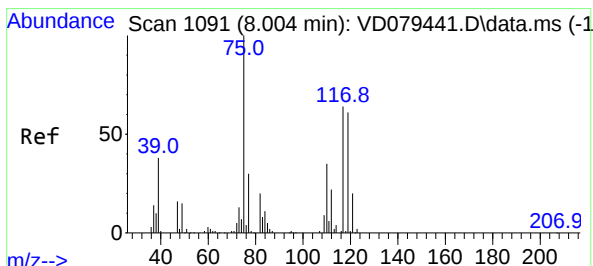
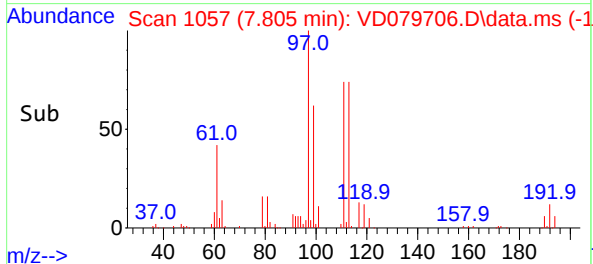
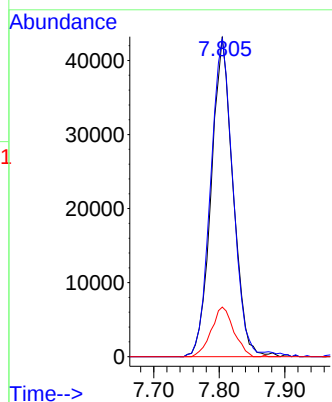


#35  
Dibromofluoromethane  
Concen: 43.441 ug/l  
RT: 7.805 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Instrument :  
MSVOA\_D  
ClientSampleId :

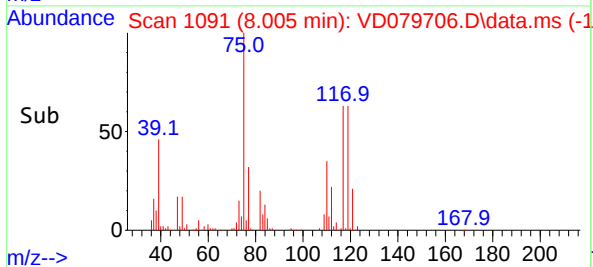
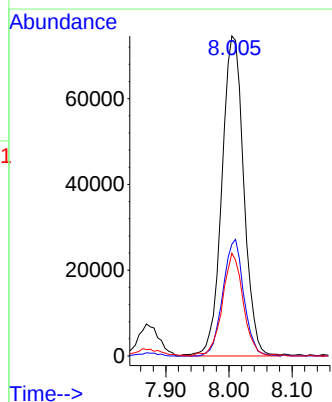
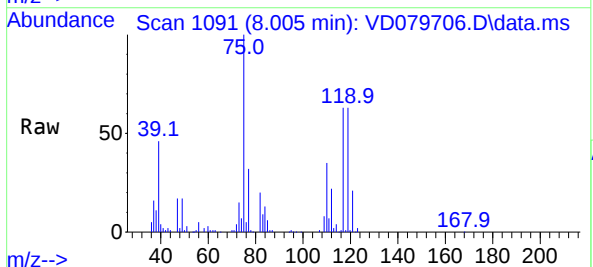


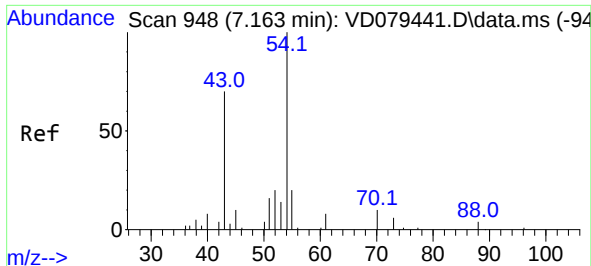
Tgt Ion:113 Resp: 99283  
Ion Ratio Lower Upper  
113 100  
111 102.1 84.0 126.0  
192 16.0 15.4 23.0



#36  
1,1-Dichloropropene  
Concen: 50.782 ug/l  
RT: 8.005 min Scan# 1091  
Delta R.T. -0.005 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Tgt Ion: 75 Resp: 179904  
Ion Ratio Lower Upper  
75 100  
110 34.7 19.6 58.7  
77 30.4 26.1 39.1



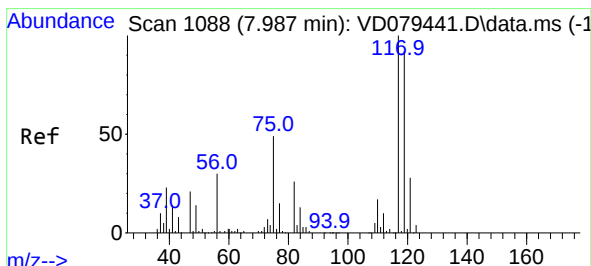
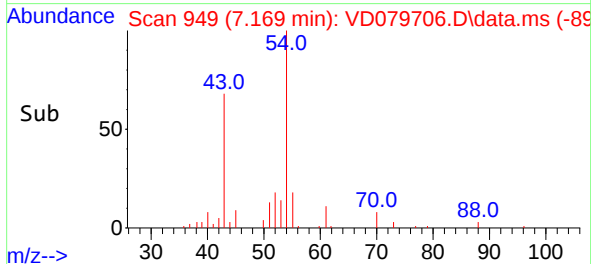
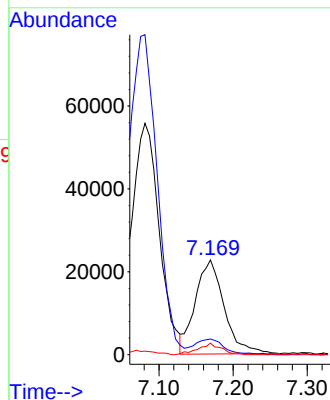
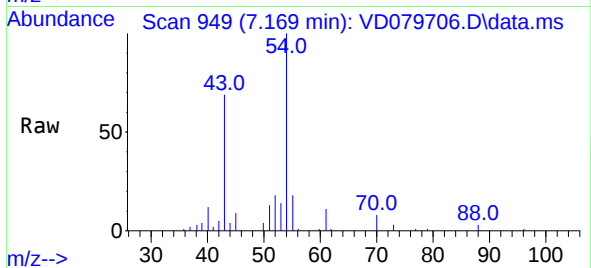


#37  
Ethyl Acetate  
Concen: 38.259 ug/l  
RT: 7.169 min Scan# 94  
Delta R.T. -0.006 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion: 43 Resp: 61339

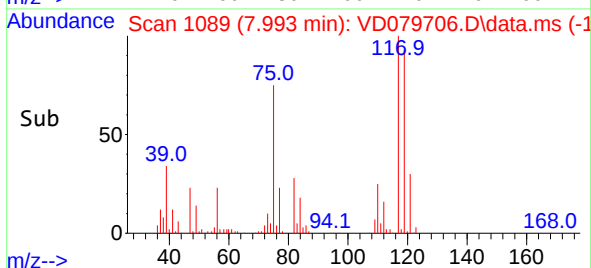
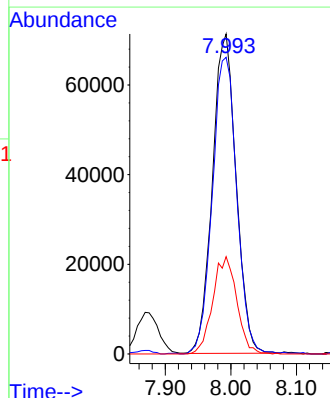
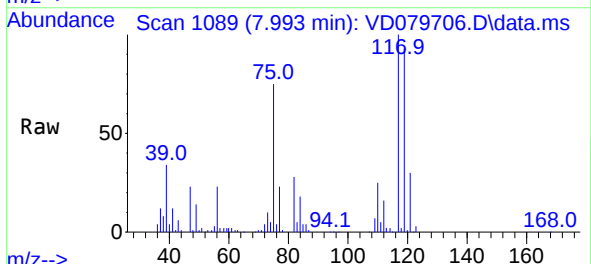
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 16.5  | 13.9  | 20.9  |
| 70  | 9.9   | 9.8   | 14.6  |

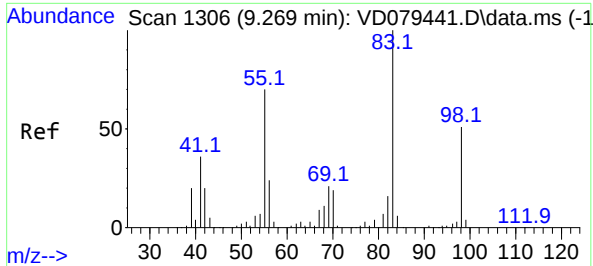


#38  
Carbon Tetrachloride  
Concen: 49.636 ug/l  
RT: 7.993 min Scan# 1089  
Delta R.T. 0.006 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Tgt Ion: 117 Resp: 178490

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 92.9  | 75.4  | 113.0 |
| 121 | 30.5  | 25.0  | 37.4  |

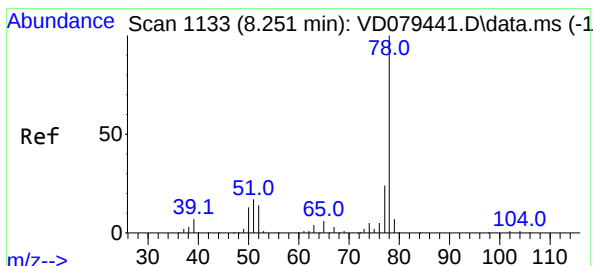
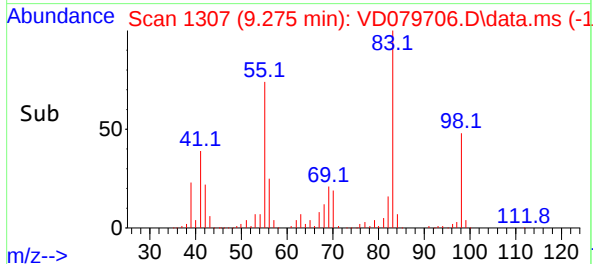
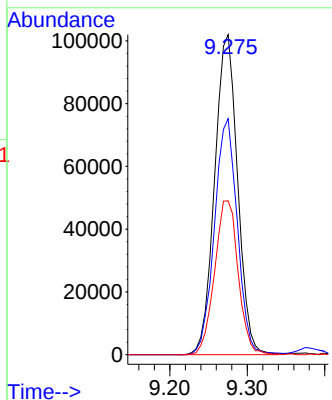
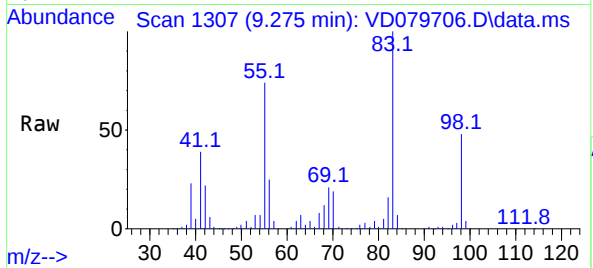




#39  
Methylcyclohexane  
Concen: 50.190 ug/l  
RT: 9.275 min Scan# 1130  
Delta R.T. 0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

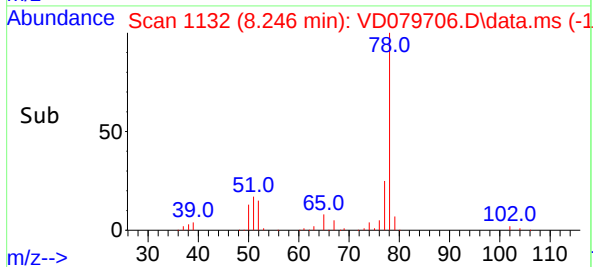
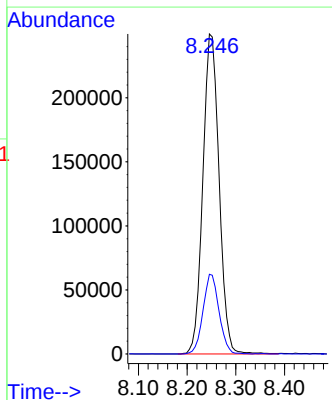
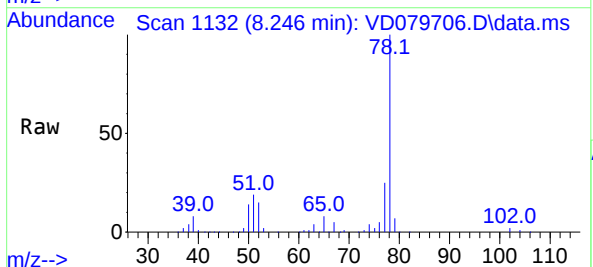
Instrument :  
MSVOA\_D  
ClientSampleId :

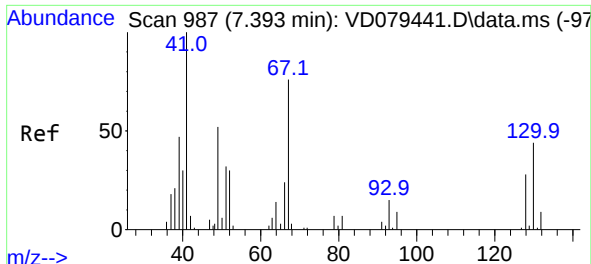
Tgt Ion: 83 Resp: 210159  
Ion Ratio Lower Upper  
83 100  
55 73.7 50.1 75.1  
98 48.1 41.9 62.9



#40  
Benzene  
Concen: 50.095 ug/l  
RT: 8.246 min Scan# 1132  
Delta R.T. -0.006 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

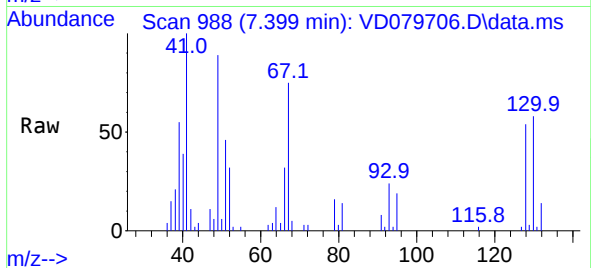
Tgt Ion: 78 Resp: 577194  
Ion Ratio Lower Upper  
78 100  
77 24.9 18.1 27.1



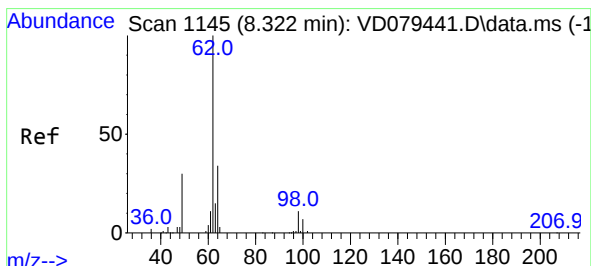
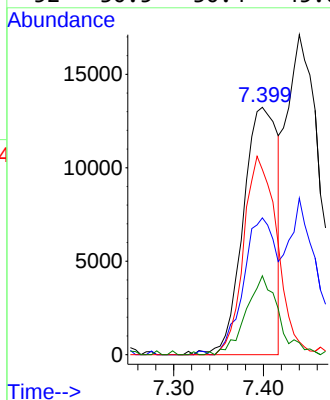
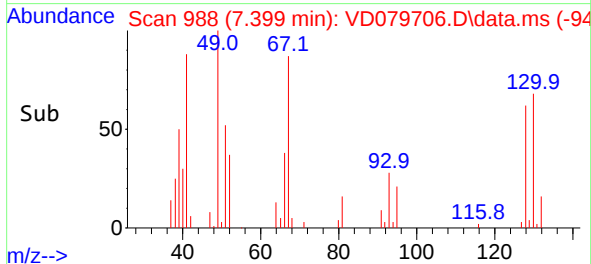


#41  
Methacrylonitrile  
Concen: 43.077 ug/l  
RT: 7.399 min Scan# 91  
Delta R.T. -0.017 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

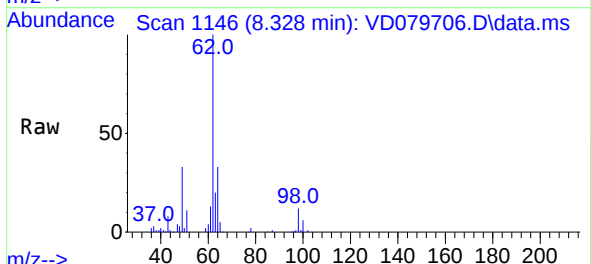
Instrument :  
MSVOA\_D  
ClientSampleId :



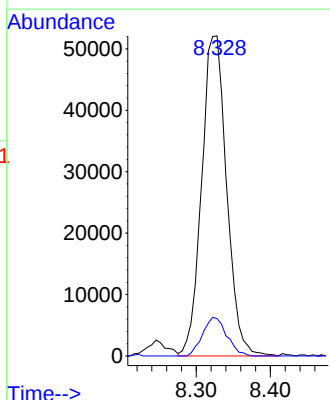
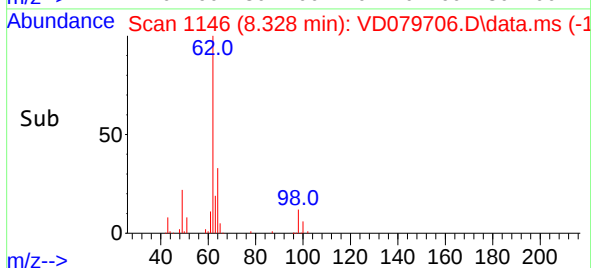
Tgt Ion: 41 Resp: 35011  
Ion Ratio Lower Upper  
41 100  
39 51.9 41.4 62.0  
67 78.7 85.8 128.6#  
52 30.5 30.4 45.6

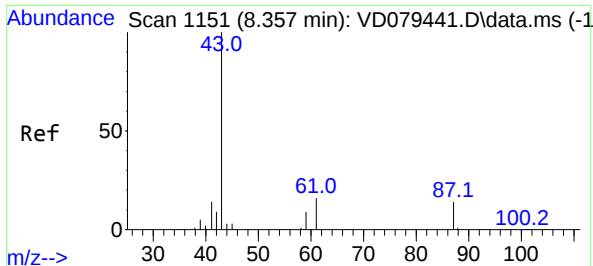


#42  
1,2-Dichloroethane  
Concen: 45.854 ug/l  
RT: 8.328 min Scan# 1146  
Delta R.T. 0.006 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20



Tgt Ion: 62 Resp: 122122  
Ion Ratio Lower Upper  
62 100  
98 11.6 0.0 25.8

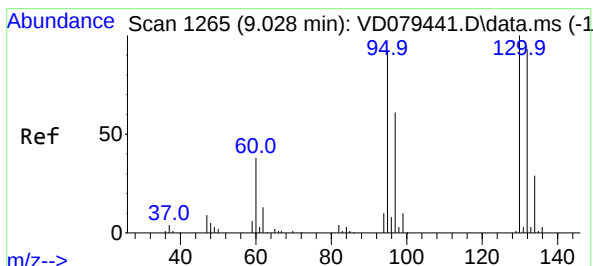
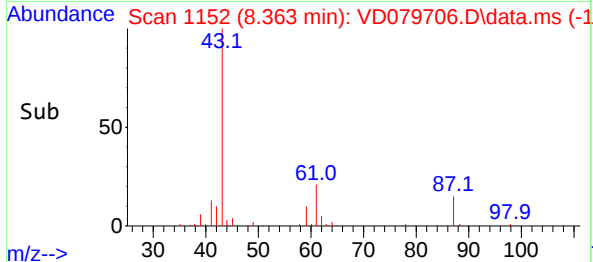
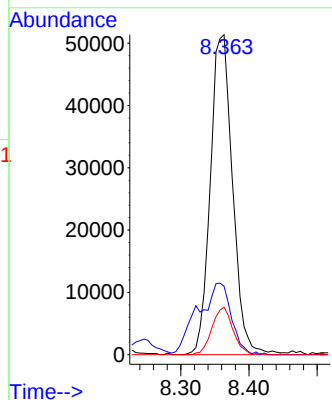
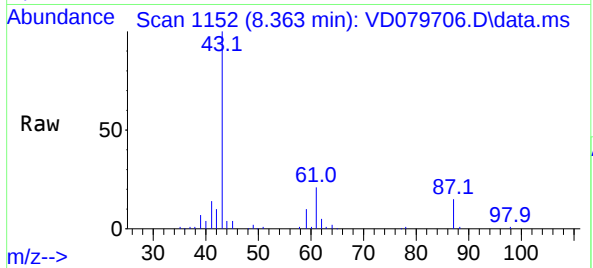




#43  
Isopropyl Acetate  
Concen: 41.793 ug/l  
RT: 8.363 min Scan# 1152  
Delta R.T. 0.006 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

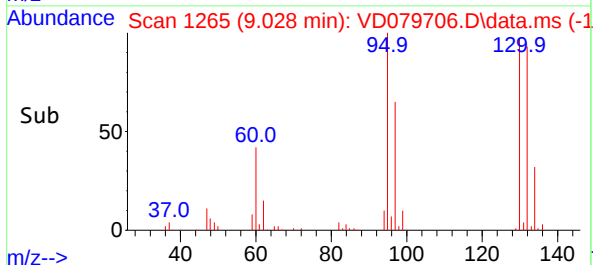
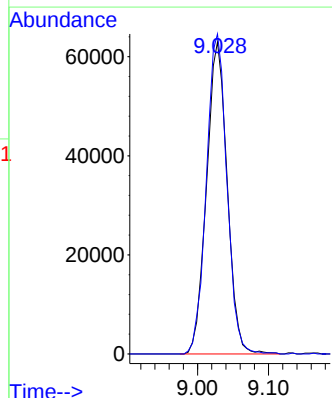
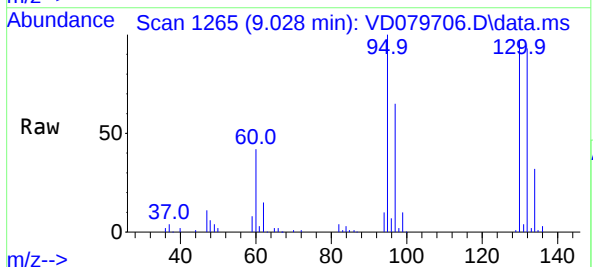
Instrument :  
MSVOA\_D  
ClientSampleId :

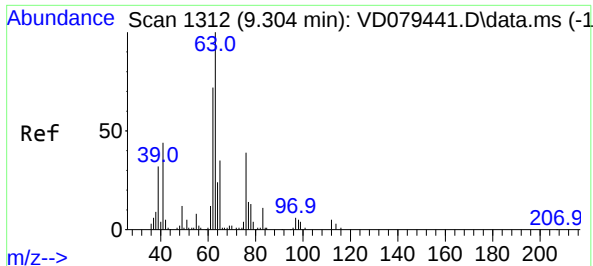
Tgt Ion: 43 Resp: 116856  
Ion Ratio Lower Upper  
43 100  
61 19.8 29.3 43.9#  
87 13.9 14.9 22.3#



#44  
Trichloroethene  
Concen: 50.250 ug/l  
RT: 9.028 min Scan# 1265  
Delta R.T. 0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Tgt Ion: 130 Resp: 127163  
Ion Ratio Lower Upper  
130 100  
95 102.6 0.0 177.8

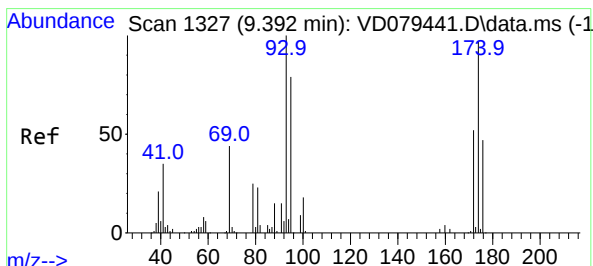
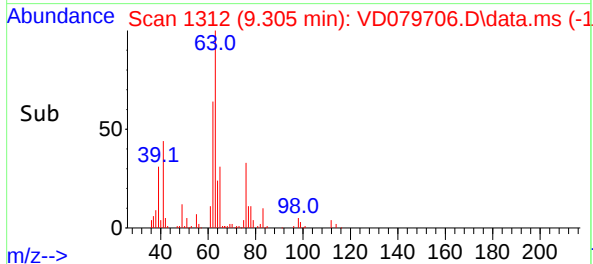
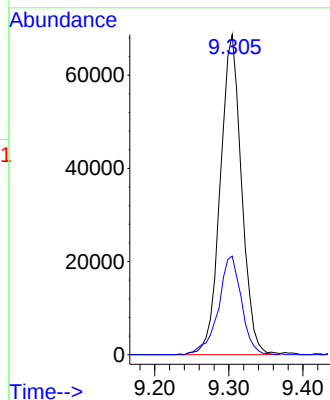
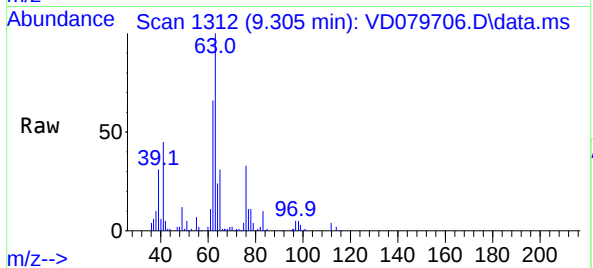




#45  
1,2-Dichloropropane  
Concen: 48.375 ug/l  
RT: 9.305 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

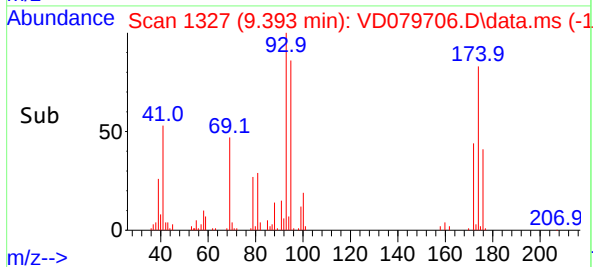
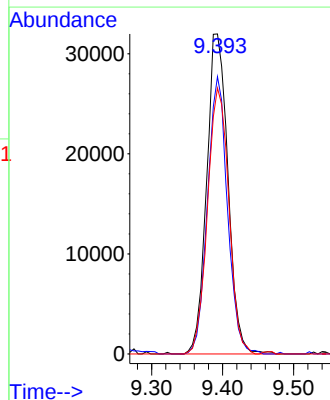
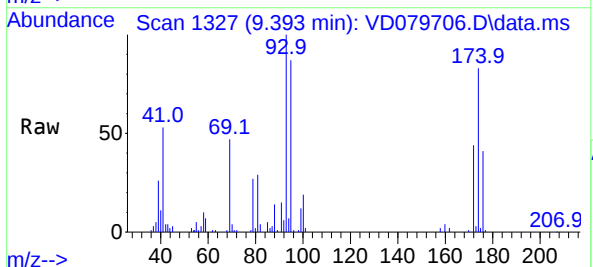
Instrument :  
MSVOA\_D  
ClientSampleId :

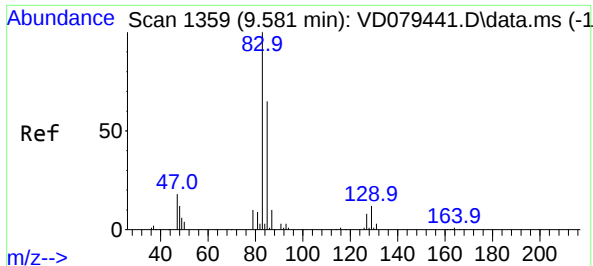
Tgt Ion: 63 Resp: 137192  
Ion Ratio Lower Upper  
63 100  
65 30.5 23.8 35.8



#46  
Dibromomethane  
Concen: 46.387 ug/l  
RT: 9.393 min Scan# 1327  
Delta R.T. -0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

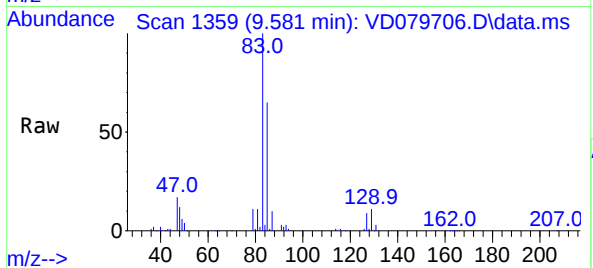
Tgt Ion: 93 Resp: 66602  
Ion Ratio Lower Upper  
93 100  
95 81.4 65.6 98.4  
174 82.9 82.3 123.5



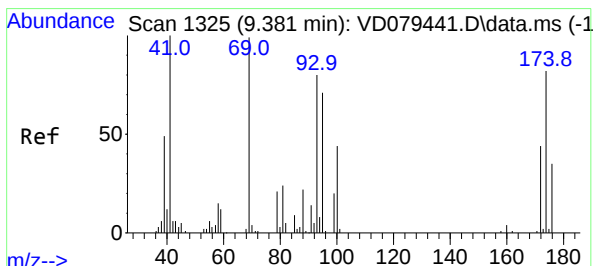
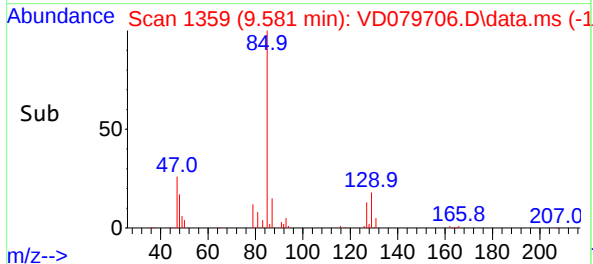
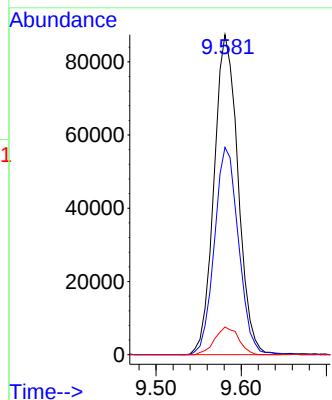


#47  
Bromodichloromethane  
Concen: 47.258 ug/l  
RT: 9.581 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Instrument :  
MSVOA\_D  
ClientSampleId :

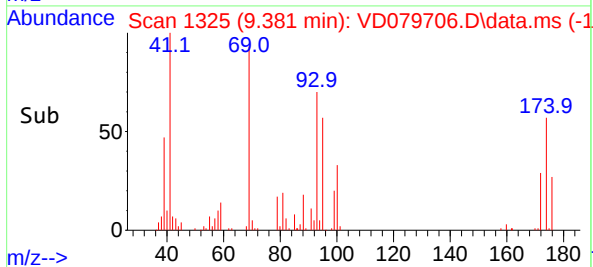
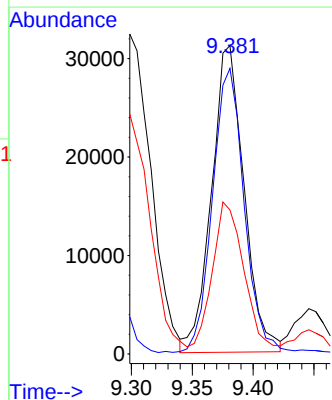
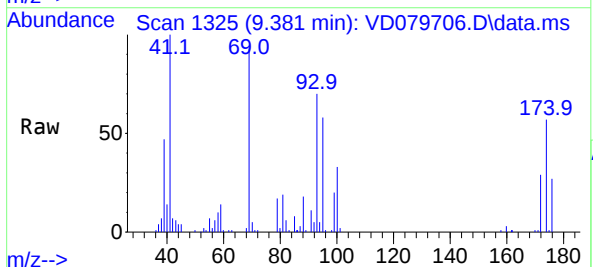


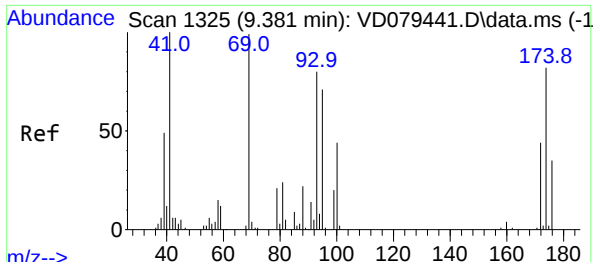
Tgt Ion: 83 Resp: 171042  
Ion Ratio Lower Upper  
83 100  
85 64.8 50.1 75.1  
127 8.6 6.8 10.2



#48  
Methyl methacrylate  
Concen: 44.981 ug/l  
RT: 9.381 min Scan# 1325  
Delta R.T. -0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

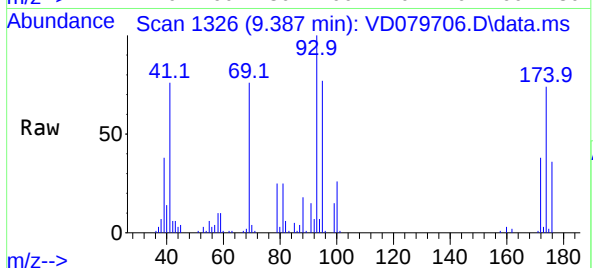
Tgt Ion: 41 Resp: 57850  
Ion Ratio Lower Upper  
41 100  
69 92.7 96.7 145.1#  
39 48.7 43.8 65.6



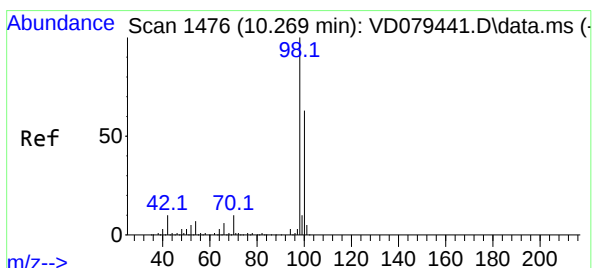
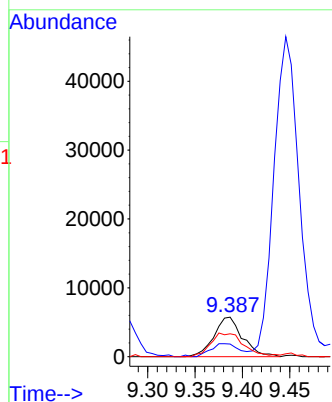
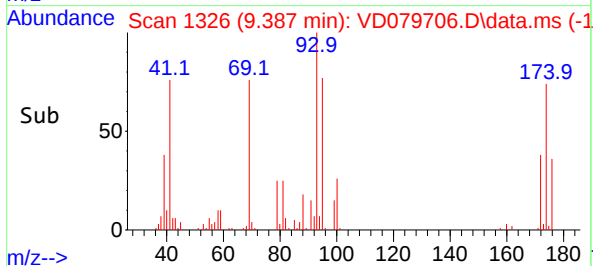


#49  
1,4-Dioxane  
Concen: 836.297 ug/l  
RT: 9.387 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Instrument :  
MSVOA\_D  
ClientSampleId :

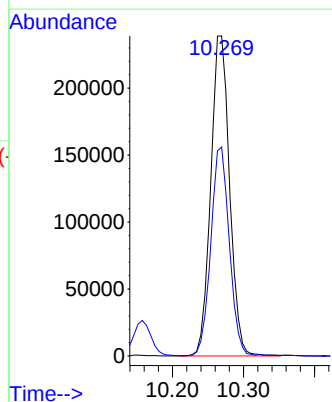
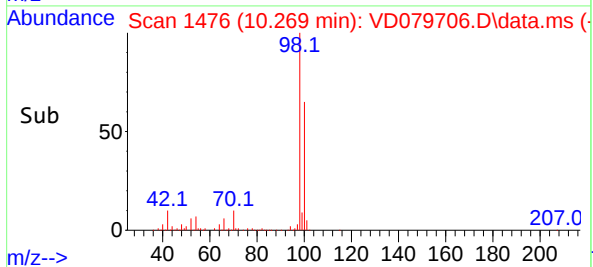
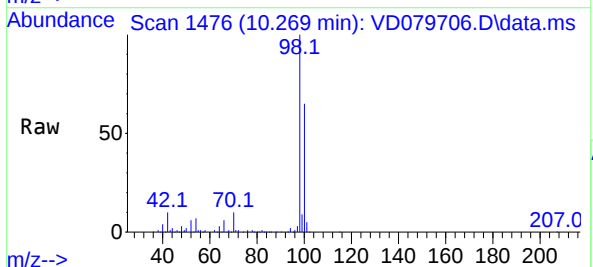


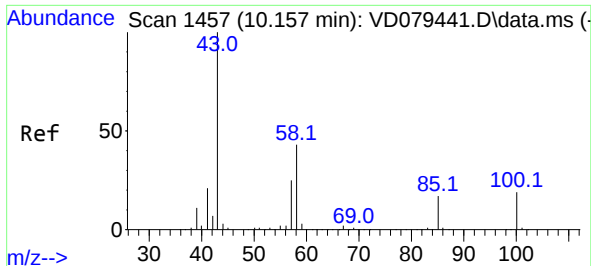
Tgt Ion: 88 Resp: 12085  
Ion Ratio Lower Upper  
88 100  
43 32.2 21.5 32.3  
58 67.7 42.2 63.4#



#50  
Toluene-d8  
Concen: 46.048 ug/l  
RT: 10.269 min Scan# 1476  
Delta R.T. 0.006 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Tgt Ion: 98 Resp: 439858  
Ion Ratio Lower Upper  
98 100  
100 64.0 51.6 77.4

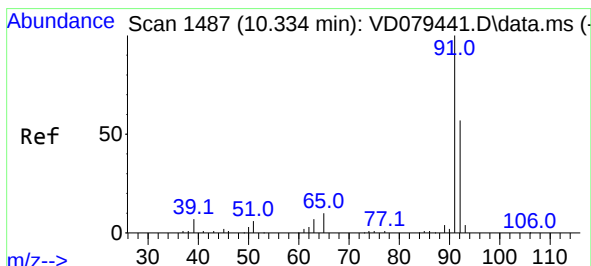
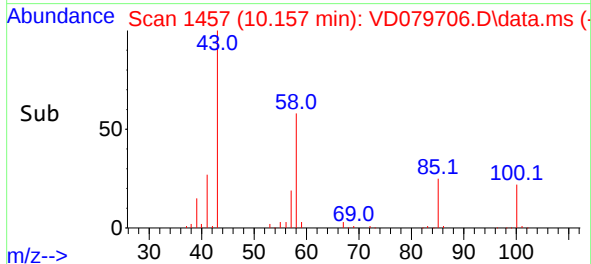
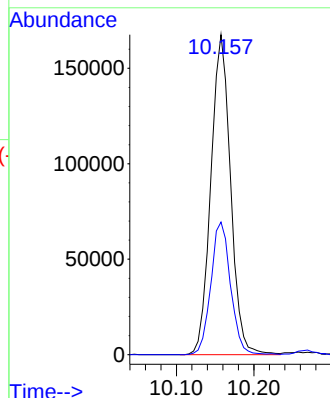
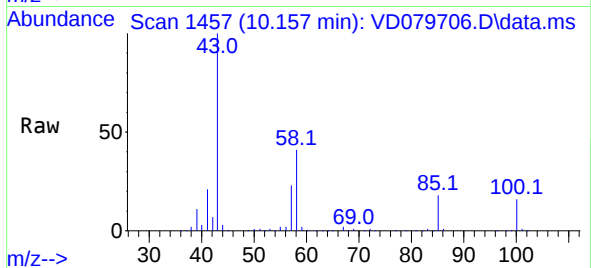




#51  
4-Methyl-2-Pentanone  
Concen: 206.014 ug/l  
RT: 10.157 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

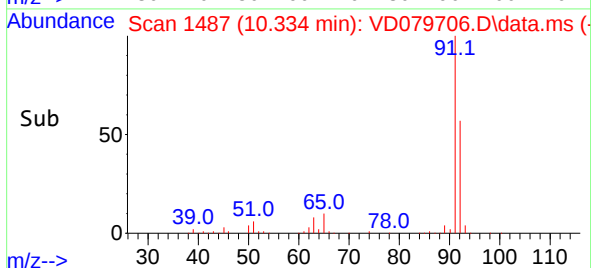
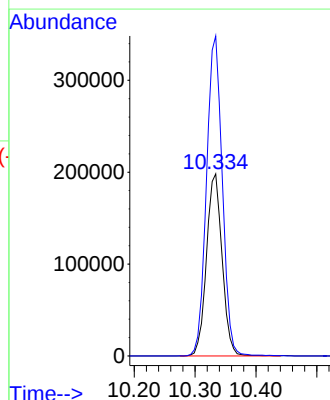
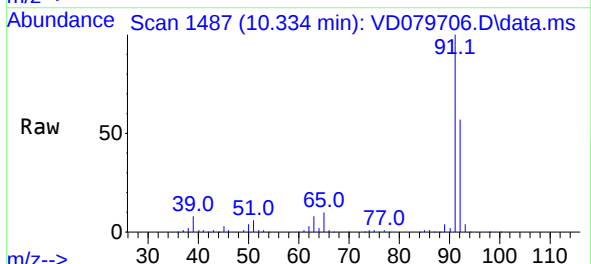
Instrument :  
MSVOA\_D  
ClientSampleId :

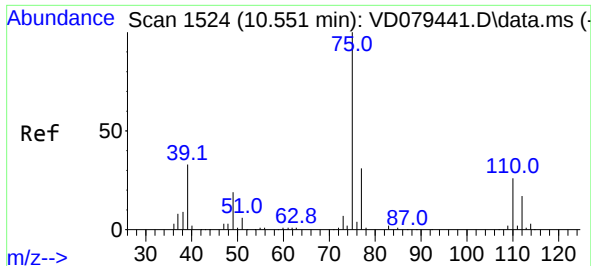
Tgt Ion: 43 Resp: 296354  
Ion Ratio Lower Upper  
43 100  
58 41.5 36.6 55.0



#52  
Toluene  
Concen: 51.131 ug/l  
RT: 10.334 min Scan# 1487  
Delta R.T. 0.006 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Tgt Ion: 92 Resp: 353267  
Ion Ratio Lower Upper  
92 100  
91 177.8 141.7 212.5





#53

t-1,3-Dichloropropene

Concen: 46.655 ug/l

RT: 10.552 min Scan# 1524

Delta R.T. 0.006 min

Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

Instrument :

MSVOA\_D

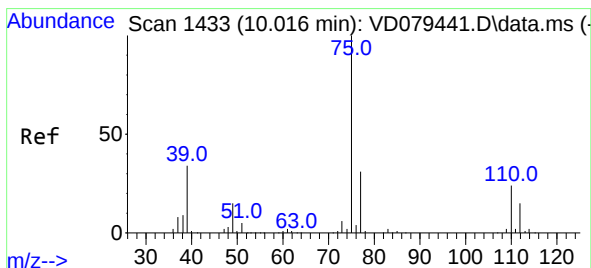
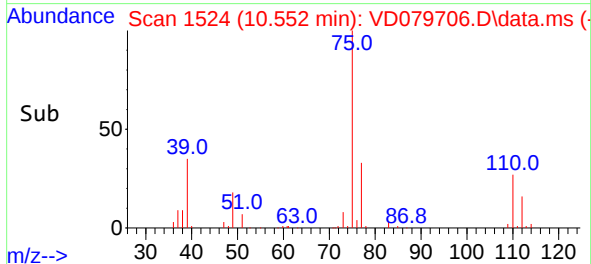
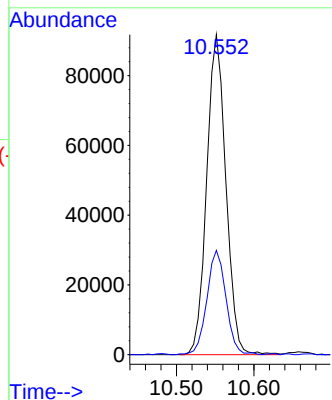
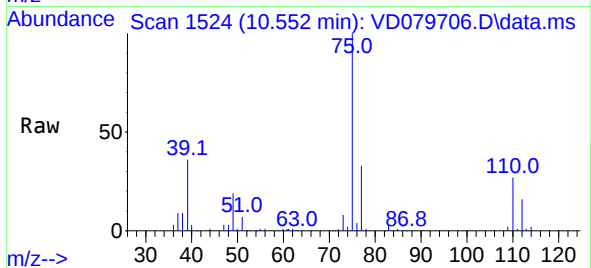
ClientSampleId :

Tgt Ion: 75 Resp: 157848

Ion Ratio Lower Upper

75 100

77 32.6 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 49.349 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

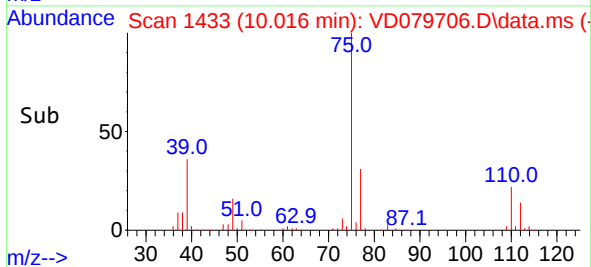
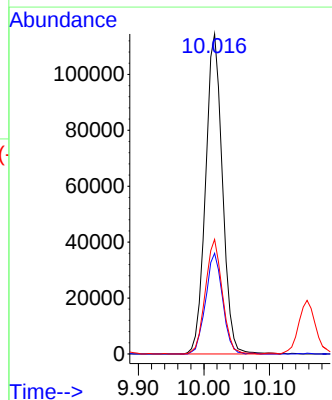
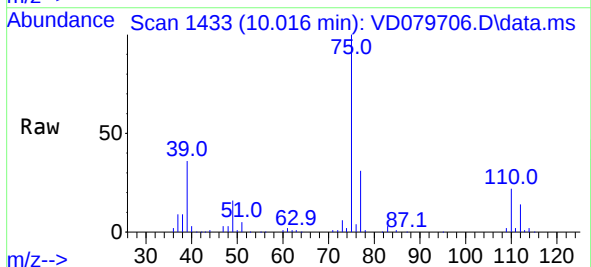
Tgt Ion: 75 Resp: 204919

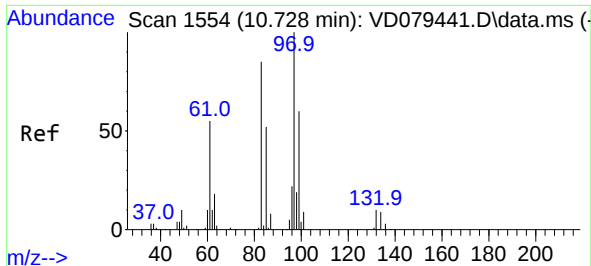
Ion Ratio Lower Upper

75 100

77 31.5 24.4 36.6

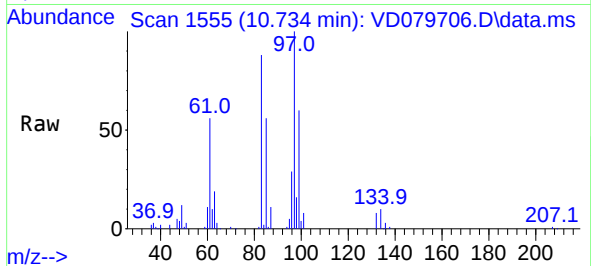
39 35.8 24.2 36.2



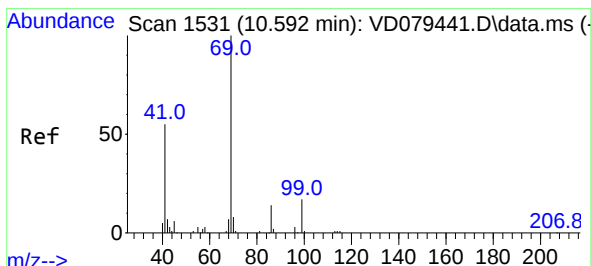
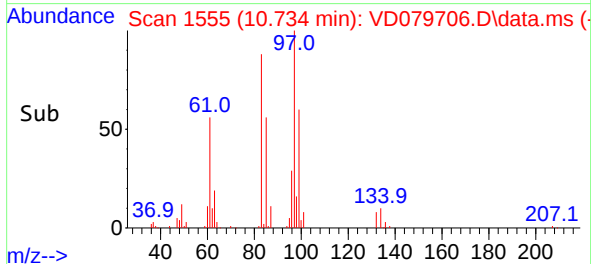
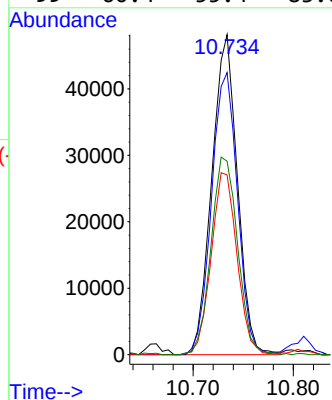


#55  
1,1,2-Trichloroethane  
Concen: 44.575 ug/l  
RT: 10.734 min Scan# 1554  
Delta R.T. 0.006 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Instrument :  
MSVOA\_D  
ClientSampleId :

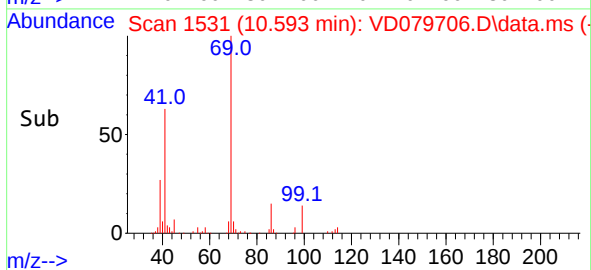
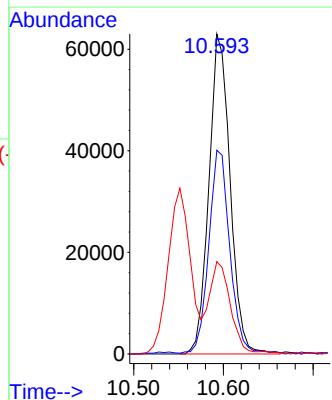
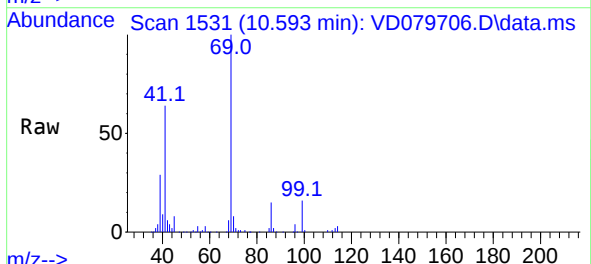


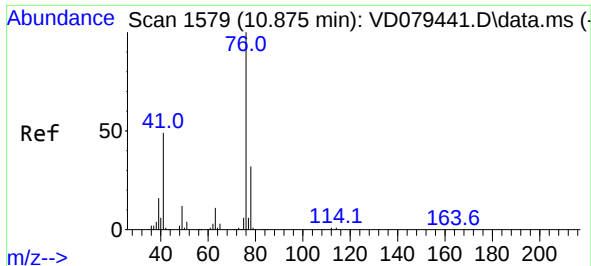
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 85316 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 88.1  | 65.8  | 98.8  |
| 85       | 56.2  | 43.8  | 65.8  |
| 99       | 60.4  | 55.4  | 83.0  |



#56  
Ethyl methacrylate  
Concen: 44.384 ug/l  
RT: 10.593 min Scan# 1531  
Delta R.T. -0.006 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 103295 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 63.6  | 39.8  | 59.6   |
| 39       | 29.5  | 20.2  | 30.4   |





#57

1,3-Dichloropropane

Concen: 46.083 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. 0.000 min

Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

Instrument :

MSVOA\_D

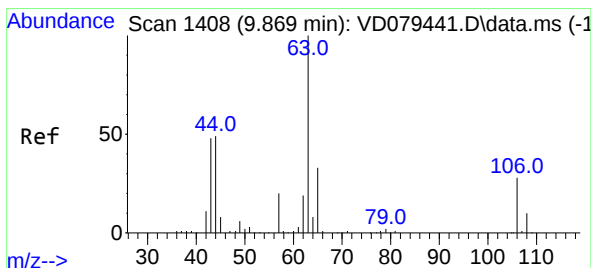
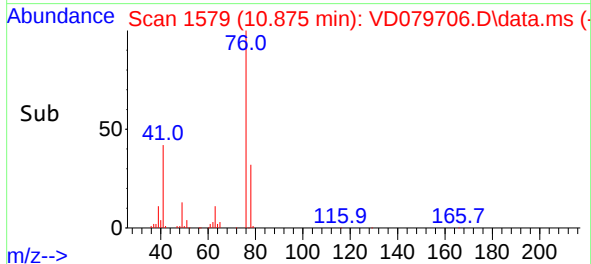
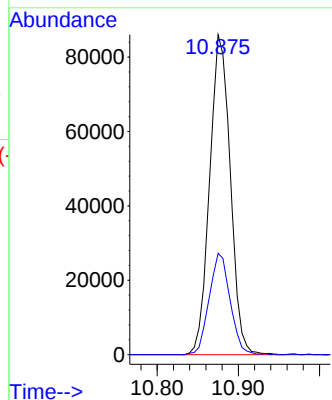
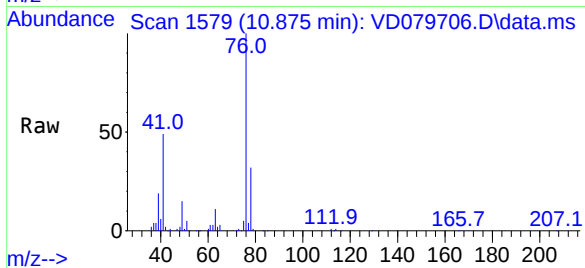
ClientSampleId :

Tgt Ion: 76 Resp: 152060

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 229.975 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD079706.D

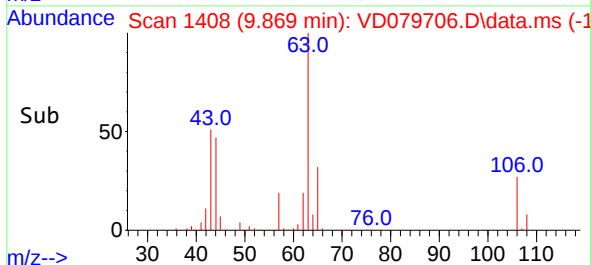
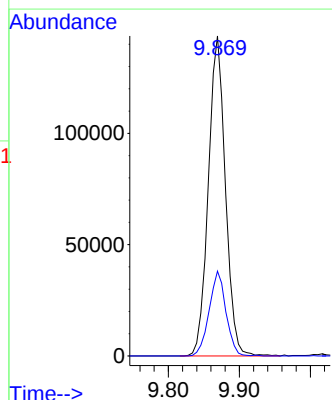
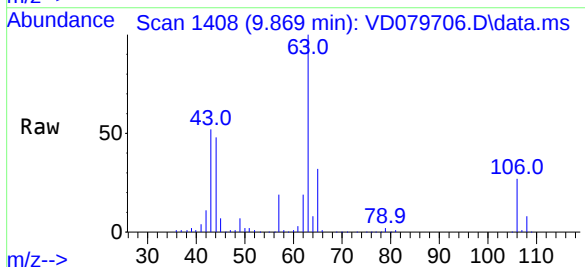
Acq: 12 Aug 2024 12:20

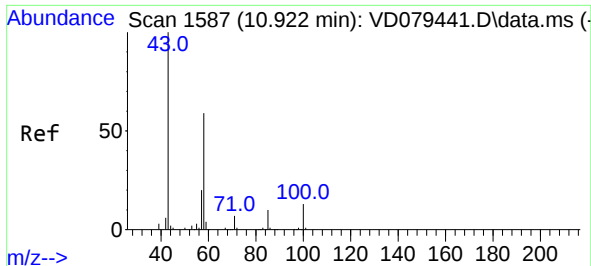
Tgt Ion: 63 Resp: 240039

Ion Ratio Lower Upper

63 100

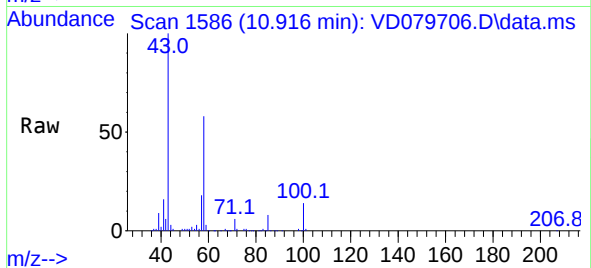
106 26.0 26.4 39.6#



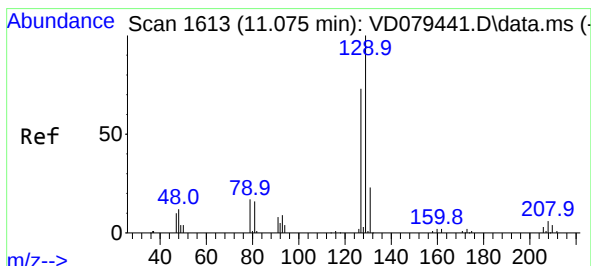
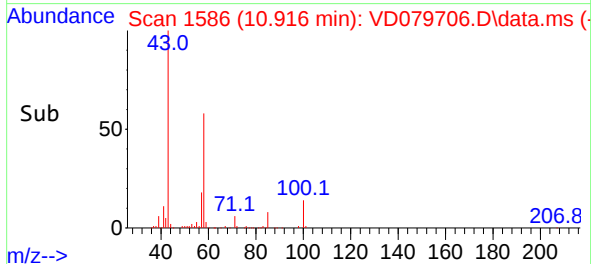
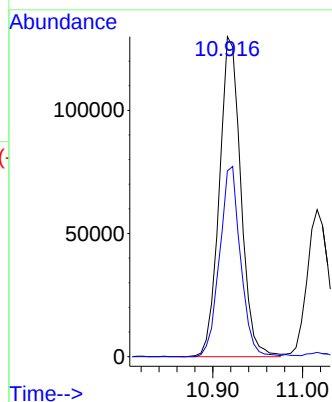


#59  
2-Hexanone  
Concen: 209.874 ug/l  
RT: 10.916 min Scan# 1586  
Delta R.T. 0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Instrument :  
MSVOA\_D  
ClientSampleId :

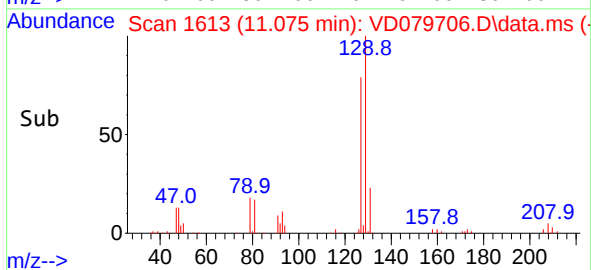
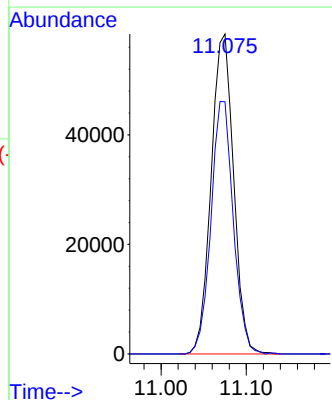
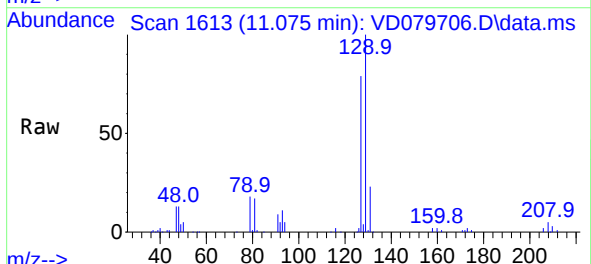


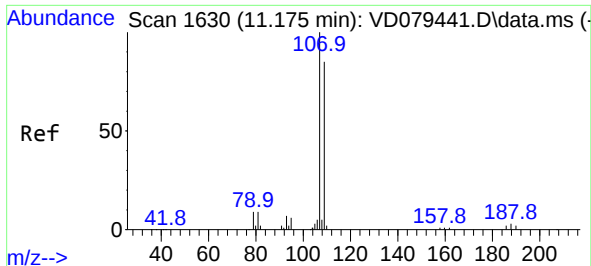
Tgt Ion: 43 Resp: 215957  
Ion Ratio Lower Upper  
43 100  
58 57.9 31.1 93.5



#60  
Dibromochloromethane  
Concen: 45.366 ug/l  
RT: 11.075 min Scan# 1613  
Delta R.T. 0.006 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Tgt Ion: 129 Resp: 106981  
Ion Ratio Lower Upper  
129 100  
127 78.3 38.0 113.9

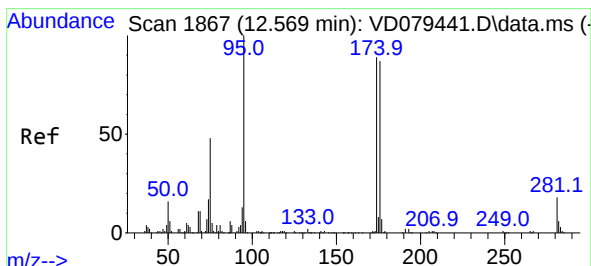
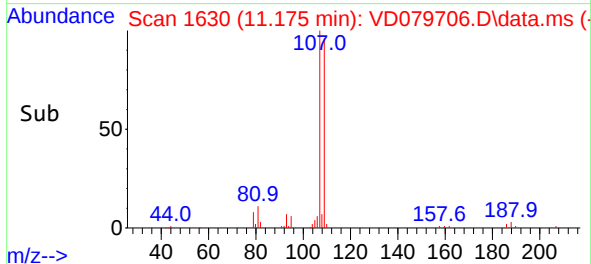
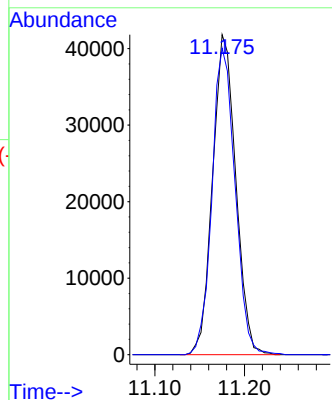
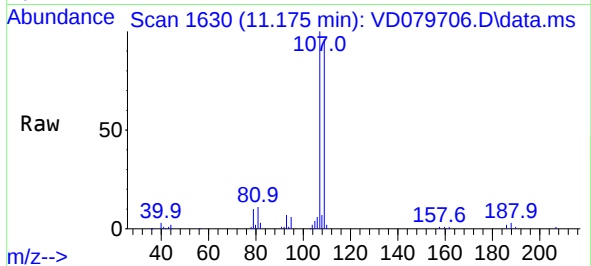




#61  
1,2-Dibromoethane  
Concen: 44.170 ug/l  
RT: 11.175 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

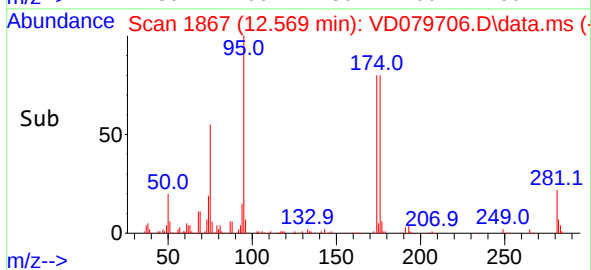
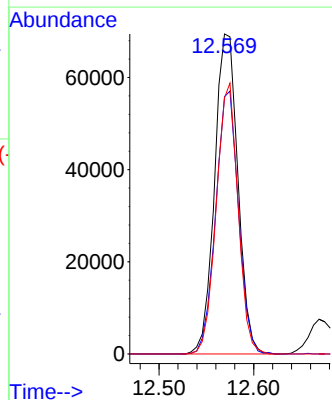
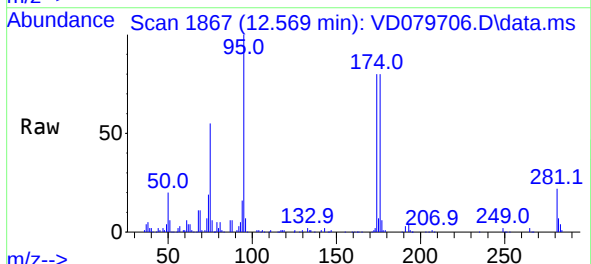
Instrument :  
MSVOA\_D  
ClientSampleId :

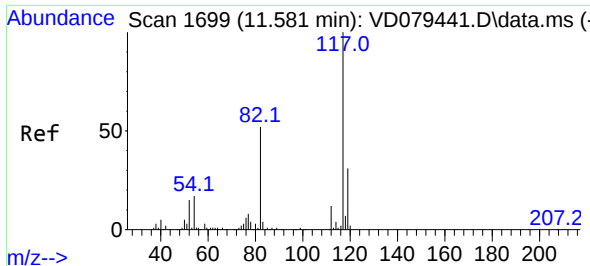
Tgt Ion:107 Resp: 75071  
Ion Ratio Lower Upper  
107 100  
109 95.4 72.0 108.0



#62  
4-Bromofluorobenzene  
Concen: 44.443 ug/l  
RT: 12.569 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

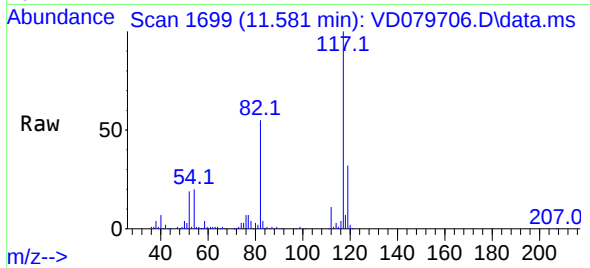
Tgt Ion: 95 Resp: 118866  
Ion Ratio Lower Upper  
95 100  
174 80.1 0.0 195.4  
176 78.6 0.0 192.6



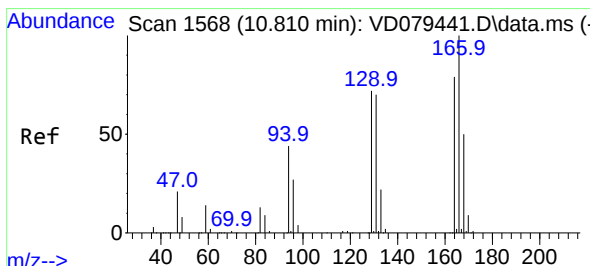
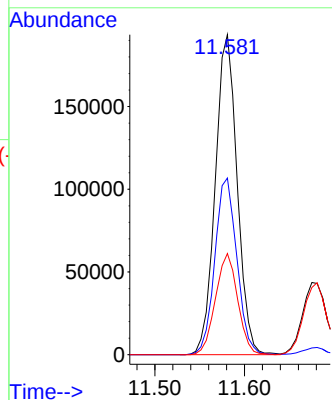
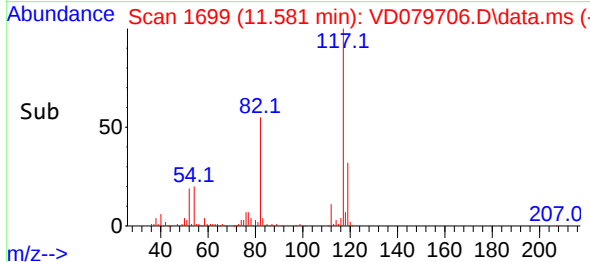


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.581 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Instrument :  
MSVOA\_D  
ClientSampleId :

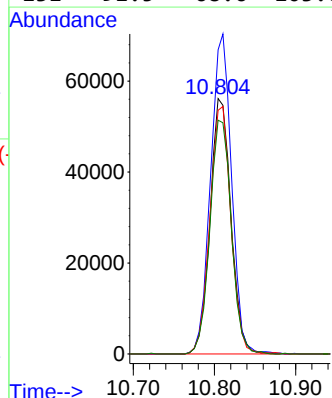
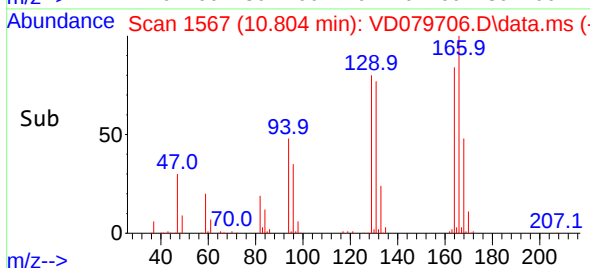
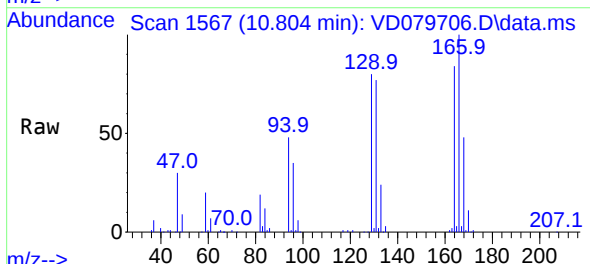


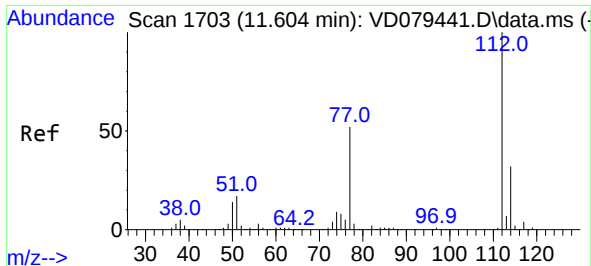
Tgt Ion:117 Resp: 327541  
Ion Ratio Lower Upper  
117 100  
82 55.2 39.8 59.6  
119 31.6 25.7 38.5



#64  
Tetrachloroethene  
Concen: 50.274 ug/l  
RT: 10.804 min Scan# 1567  
Delta R.T. -0.006 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

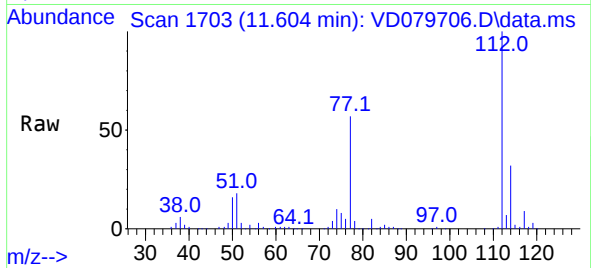
Tgt Ion:164 Resp: 100614  
Ion Ratio Lower Upper  
164 100  
166 119.1 108.6 163.0  
129 95.4 74.6 112.0  
131 91.5 68.6 103.0



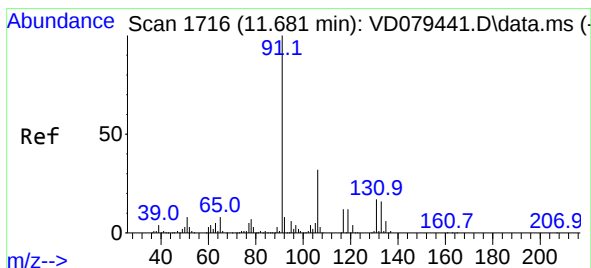
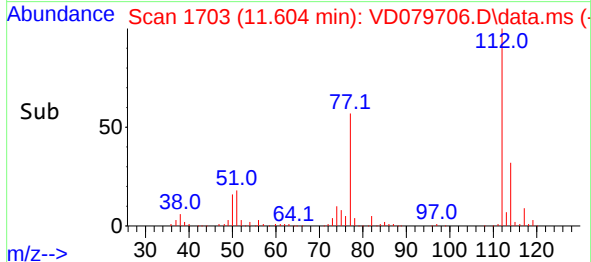
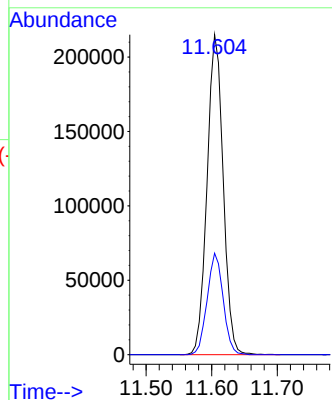


#65  
Chlorobenzene  
Concen: 51.213 ug/l  
RT: 11.604 min Scan# 1703  
Delta R.T. 0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Instrument :  
MSVOA\_D  
ClientSampleId :

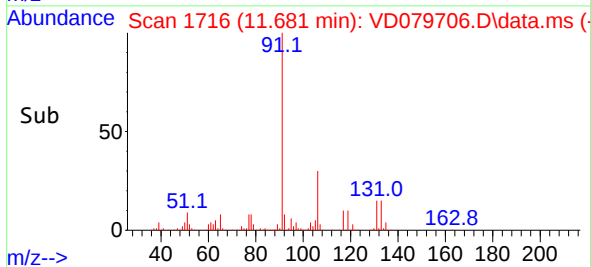
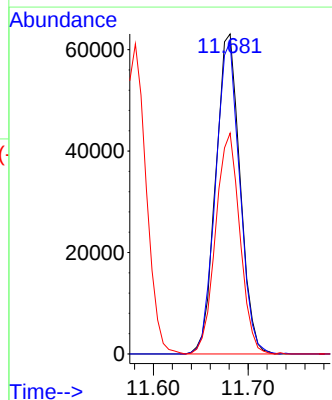
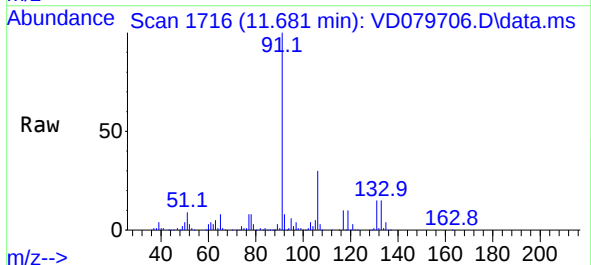


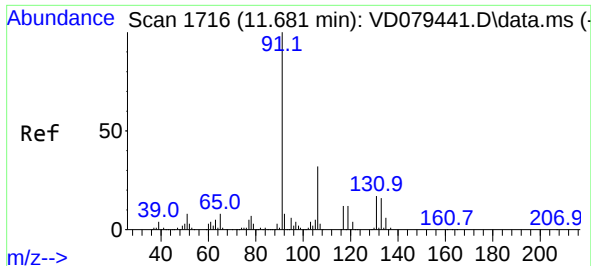
Tgt Ion:112 Resp: 368337  
Ion Ratio Lower Upper  
112 100  
114 31.7 26.0 39.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 47.963 ug/l  
RT: 11.681 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Tgt Ion:131 Resp: 112464  
Ion Ratio Lower Upper  
131 100  
133 97.0 49.2 147.6  
119 68.8 33.4 100.2





#67

Ethyl Benzene

Concen: 52.721 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

Instrument :

MSVOA\_D

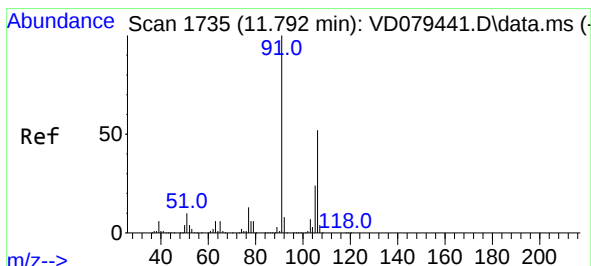
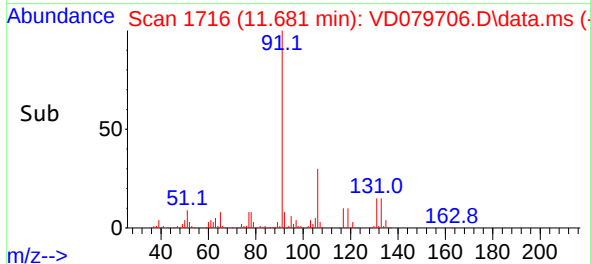
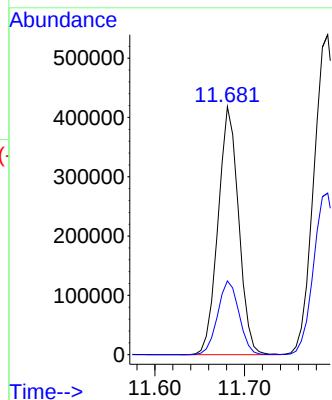
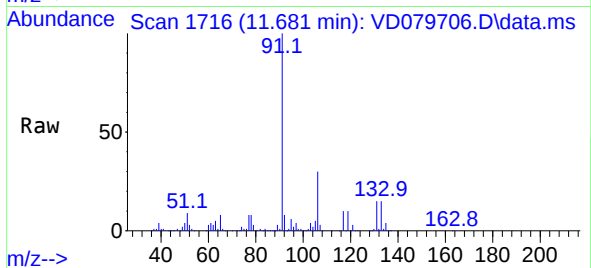
ClientSampleId :

Tgt Ion: 91 Resp: 665331

Ion Ratio Lower Upper

91 100

106 29.7 25.8 38.6



#68

m/p-Xylenes

Concen: 104.584 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD079706.D

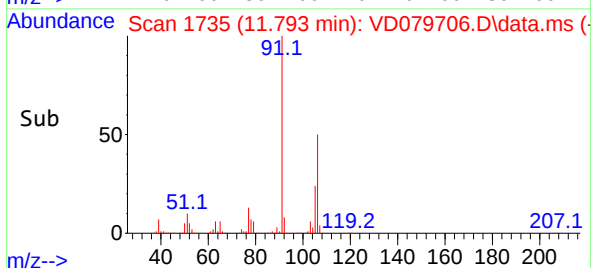
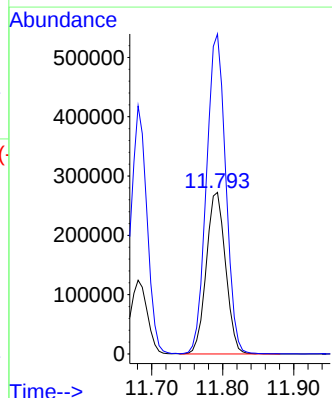
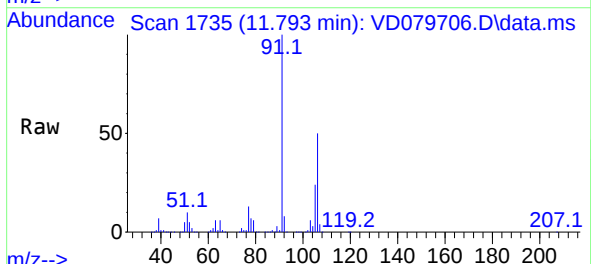
Acq: 12 Aug 2024 12:20

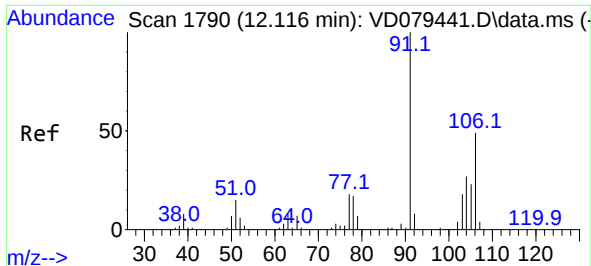
Tgt Ion:106 Resp: 513228

Ion Ratio Lower Upper

106 100

91 198.5 148.5 222.7

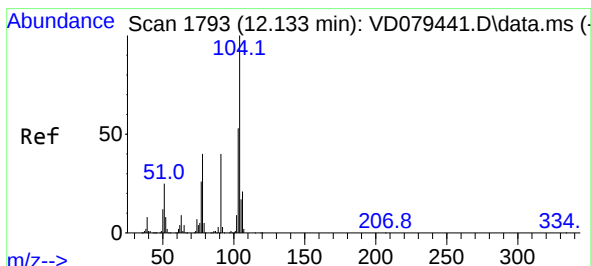
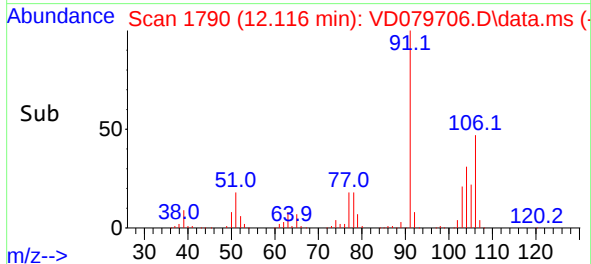
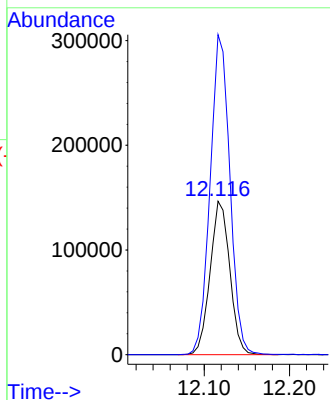
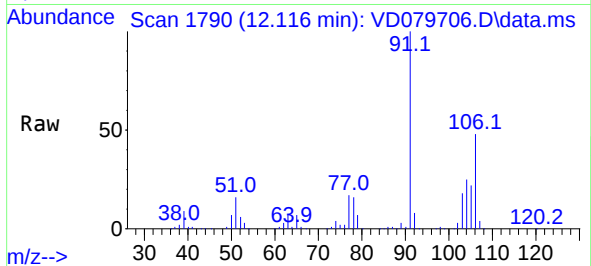




#69  
o-Xylene  
Concen: 52.477 ug/l  
RT: 12.116 min Scan# 1790  
Delta R.T. 0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

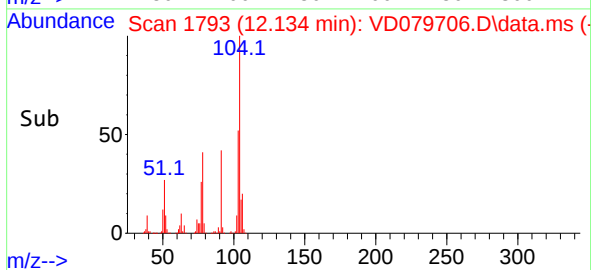
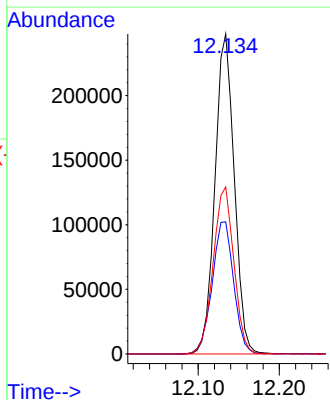
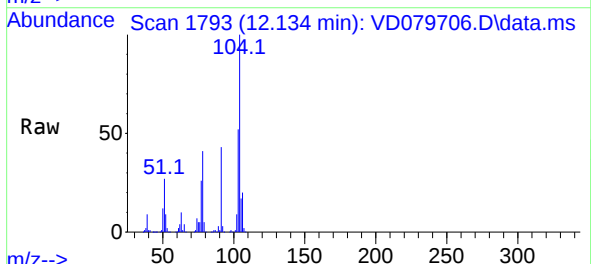
Instrument :  
MSVOA\_D  
ClientSampleId :

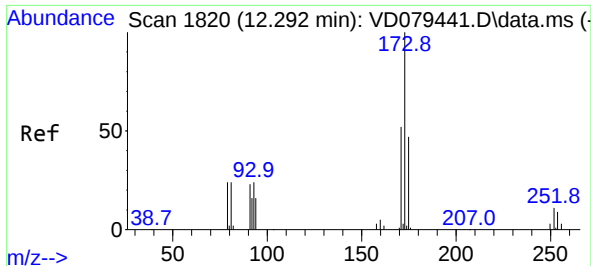
Tgt Ion:106 Resp: 235363  
Ion Ratio Lower Upper  
106 100  
91 209.5 96.7 290.1



#70  
Styrene  
Concen: 52.076 ug/l  
RT: 12.134 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Tgt Ion:104 Resp: 409741  
Ion Ratio Lower Upper  
104 100  
78 46.1 33.0 49.6  
103 56.1 44.2 66.4

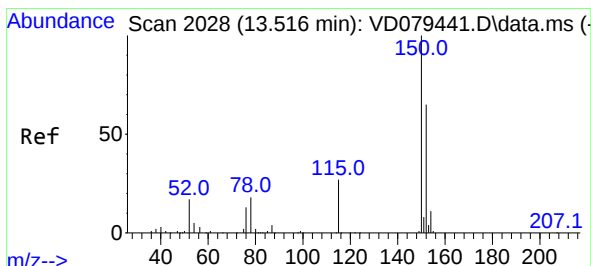
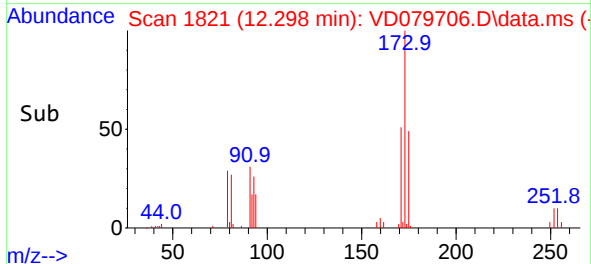
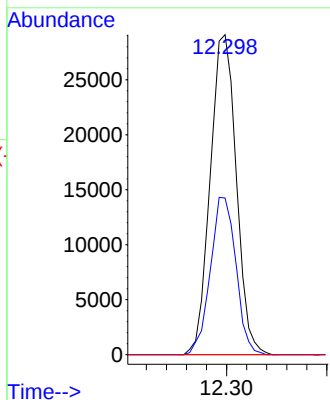
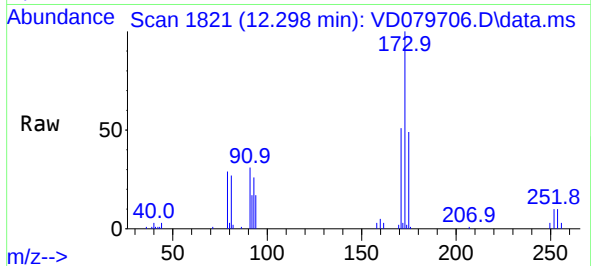




#71  
Bromoform  
Concen: 43.583 ug/l  
RT: 12.298 min Scan# 1821  
Delta R.T. 0.005 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

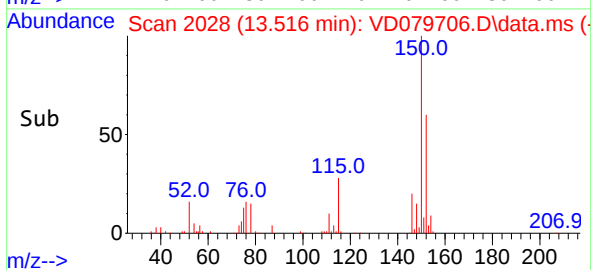
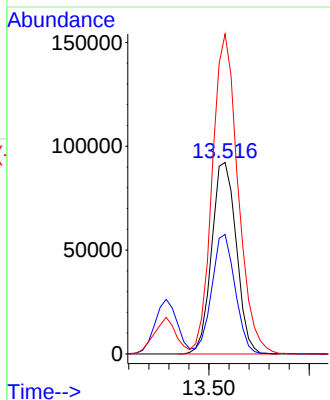
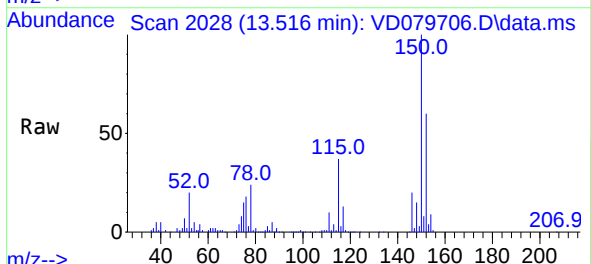
Instrument :  
MSVOA\_D  
ClientSampleId :

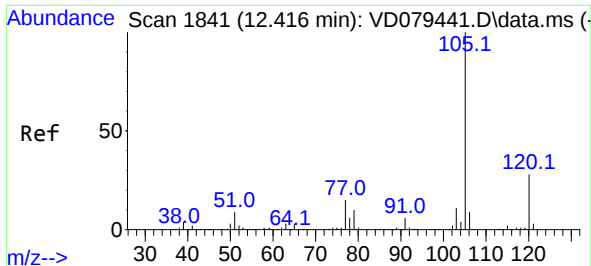
Tgt Ion:173 Resp: 52531  
Ion Ratio Lower Upper  
173 100  
175 48.2 23.7 71.1  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.516 min Scan# 2028  
Delta R.T. 0.006 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Tgt Ion:152 Resp: 157142  
Ion Ratio Lower Upper  
152 100  
115 60.0 26.5 79.5  
150 175.2 0.0 341.6

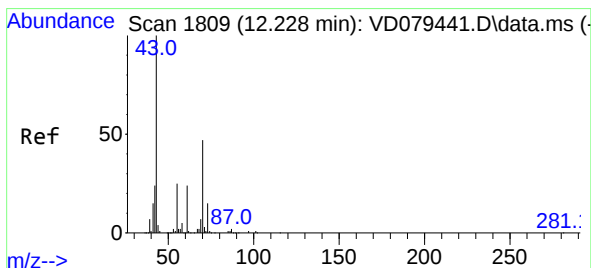
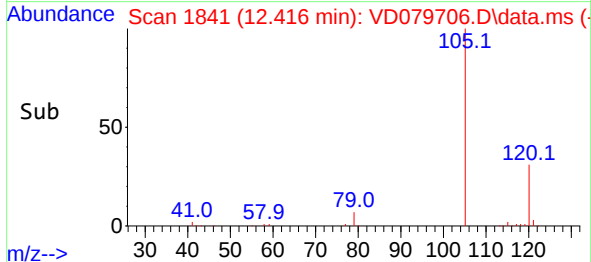
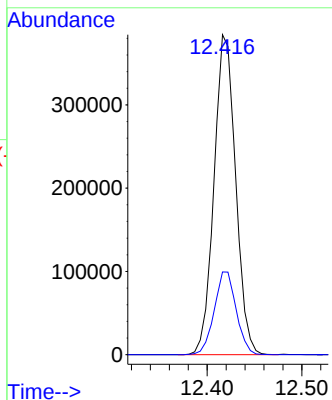
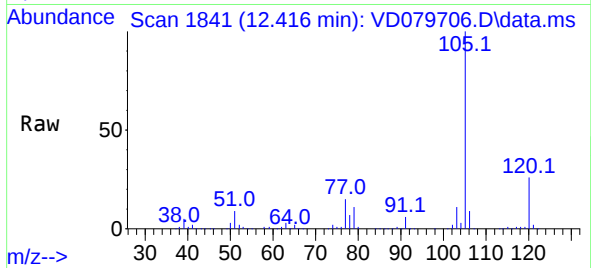




#73  
Isopropylbenzene  
Concen: 55.352 ug/l  
RT: 12.416 min Scan# 1841  
Delta R.T. 0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

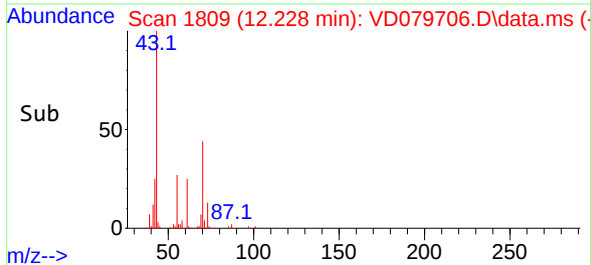
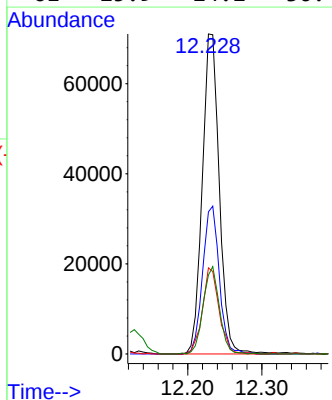
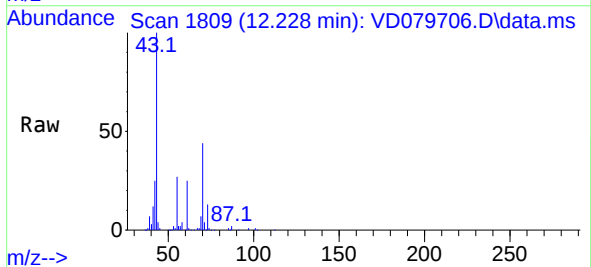
Instrument :  
MSVOA\_D  
ClientSampleId :

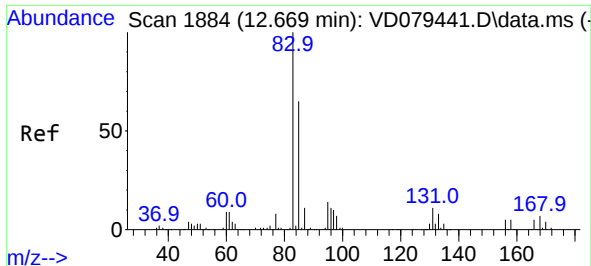
Tgt Ion:105 Resp: 610662  
Ion Ratio Lower Upper  
105 100  
120 26.3 13.6 40.7



#74  
N-ethyl acetate  
Concen: 46.112 ug/l  
RT: 12.228 min Scan# 1809  
Delta R.T. -0.006 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Tgt Ion: 43 Resp: 113338  
Ion Ratio Lower Upper  
43 100  
70 45.2 44.3 66.5  
55 26.5 23.2 34.8  
61 25.9 24.2 36.4

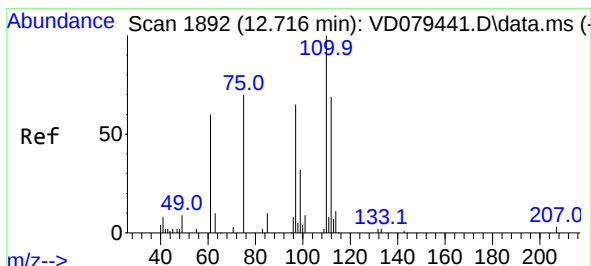
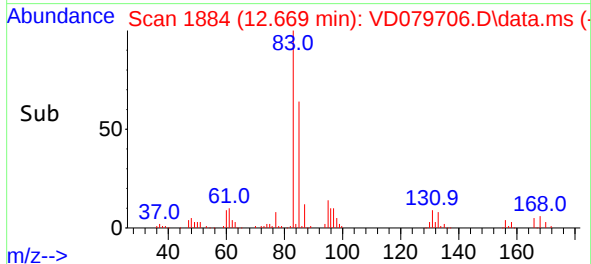
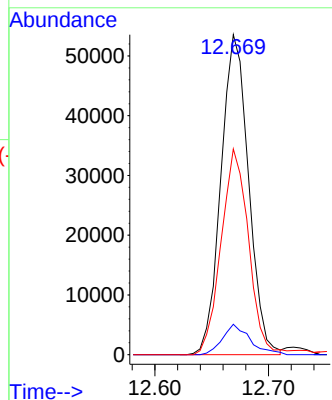
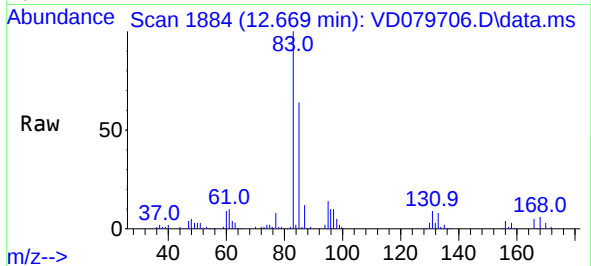




#75  
1,1,2,2-Tetrachloroethane  
Concen: 43.900 ug/l  
RT: 12.669 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

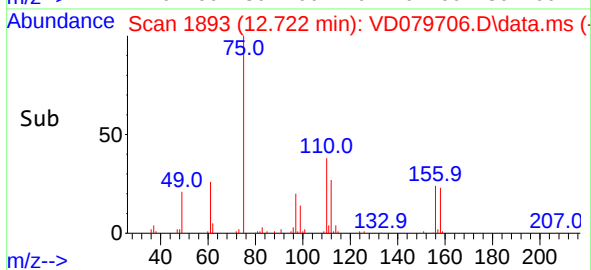
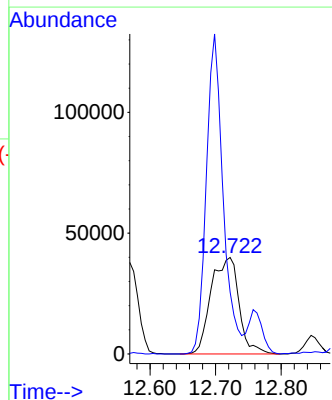
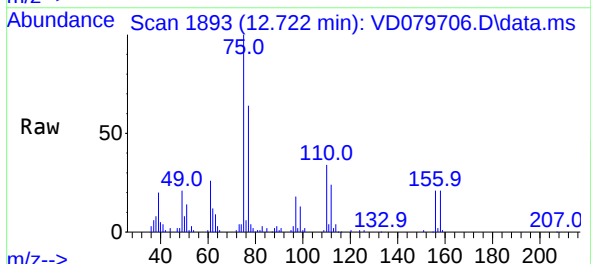
Instrument :  
MSVOA\_D  
ClientSampleId :

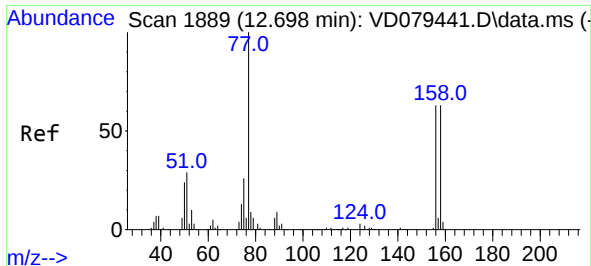
Tgt Ion: 83 Resp: 90430  
Ion Ratio Lower Upper  
83 100  
131 9.5 5.5 16.5  
85 64.9 33.8 101.3



#76  
1,2,3-Trichloropropane  
Concen: 45.726 ug/l  
RT: 12.722 min Scan# 1893  
Delta R.T. -0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Tgt Ion: 75 Resp: 117838  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

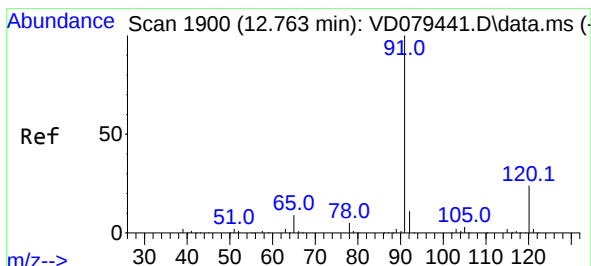
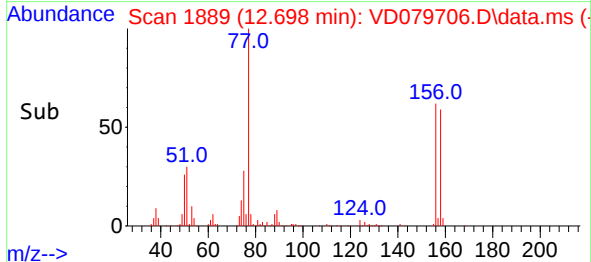
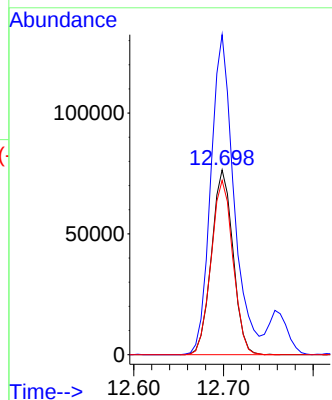
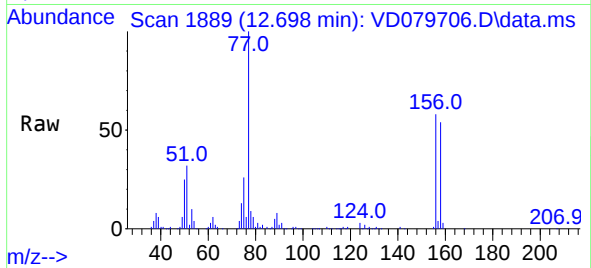




#77  
Bromobenzene  
Concen: 51.455 ug/l  
RT: 12.698 min Scan# 1889  
Delta R.T. 0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

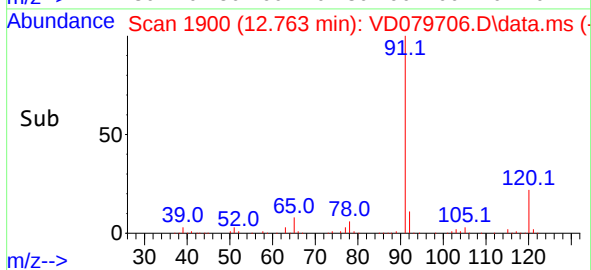
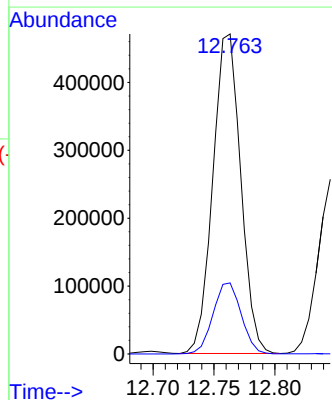
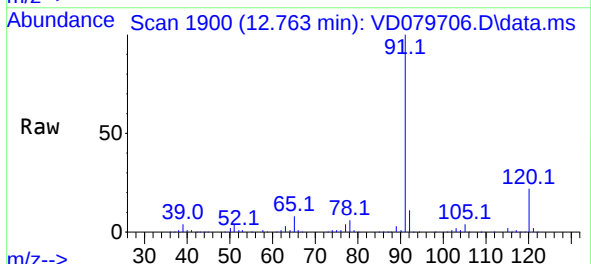
Instrument :  
MSVOA\_D  
ClientSampleId :

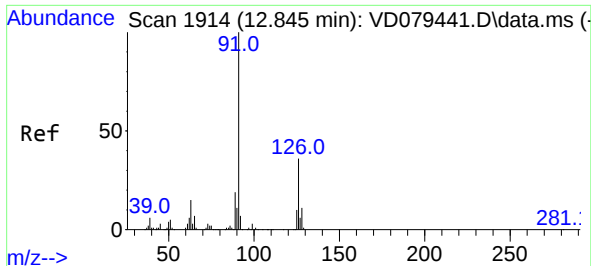
Tgt Ion:156 Resp: 126958  
Ion Ratio Lower Upper  
156 100  
77 186.1 77.3 231.9  
158 95.9 49.6 149.0



#78  
n-propylbenzene  
Concen: 54.939 ug/l  
RT: 12.763 min Scan# 1900  
Delta R.T. 0.006 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Tgt Ion: 91 Resp: 749997  
Ion Ratio Lower Upper  
91 100  
120 22.5 12.3 36.8





#79

2-Chlorotoluene

Concen: 54.567 ug/l

RT: 12.846 min Scan# 1914

Delta R.T. 0.001 min

Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

Instrument :

MSVOA\_D

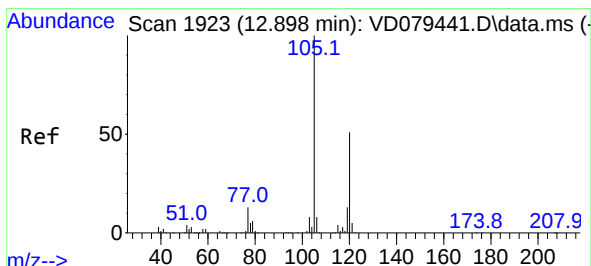
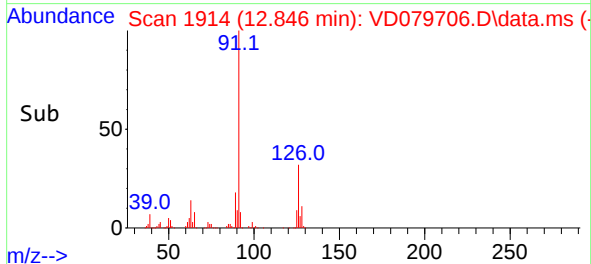
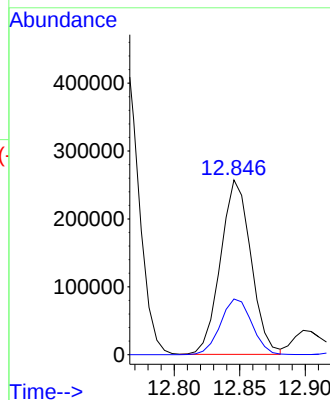
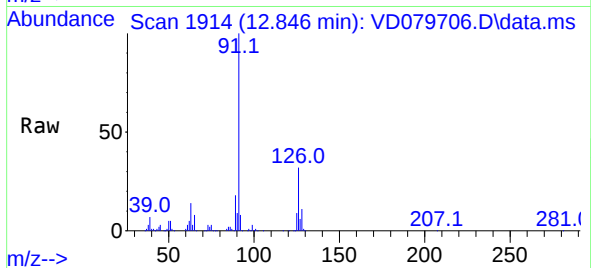
ClientSampleId :

Tgt Ion: 91 Resp: 414816

Ion Ratio Lower Upper

91 100

126 32.9 19.3 57.8



#80

1,3,5-Trimethylbenzene

Concen: 55.675 ug/l

RT: 12.898 min Scan# 1923

Delta R.T. -0.006 min

Lab File: VD079706.D

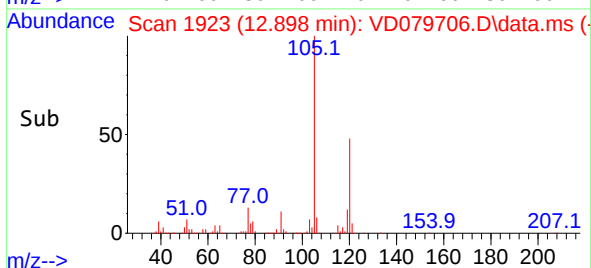
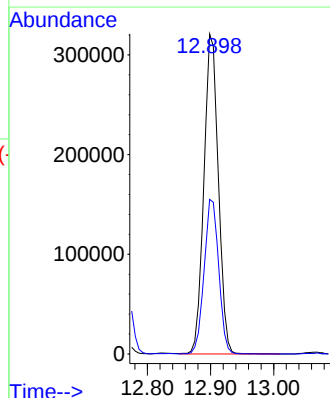
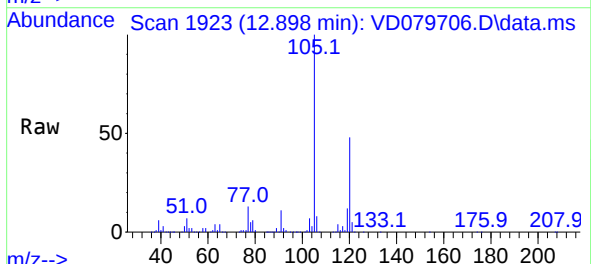
Acq: 12 Aug 2024 12:20

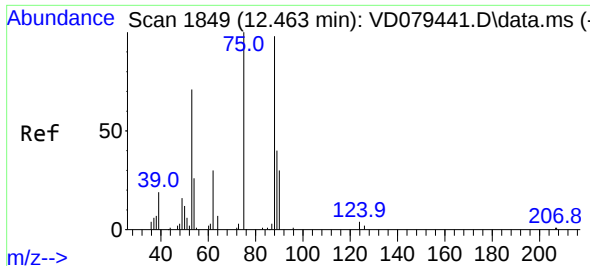
Tgt Ion: 105 Resp: 509349

Ion Ratio Lower Upper

105 100

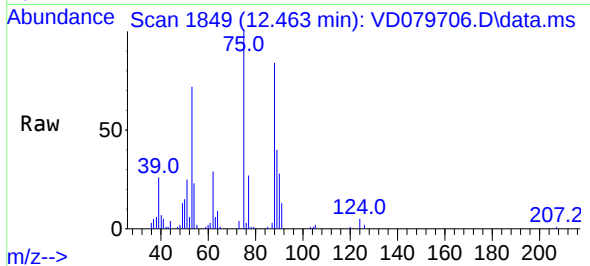
120 48.7 25.7 77.1



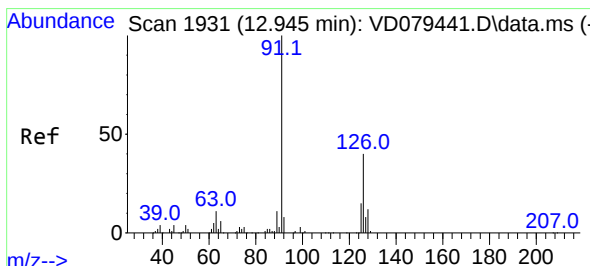
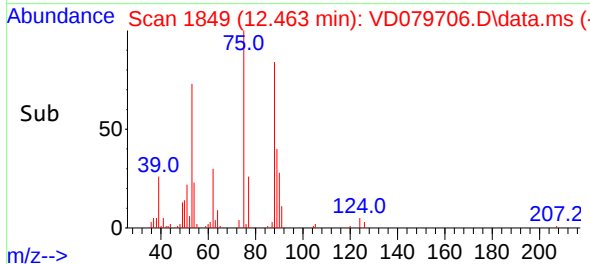
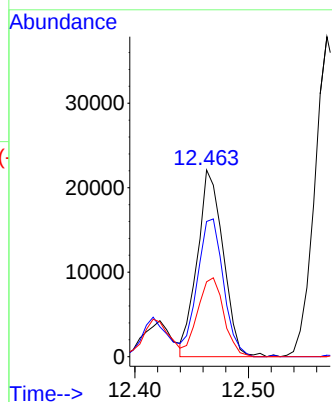


#81  
trans-1,4-Dichloro-2-butene  
Concen: 46.604 ug/l  
RT: 12.463 min Scan# 1849  
Delta R.T. -0.006 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Instrument :  
MSVOA\_D  
ClientSampleId :

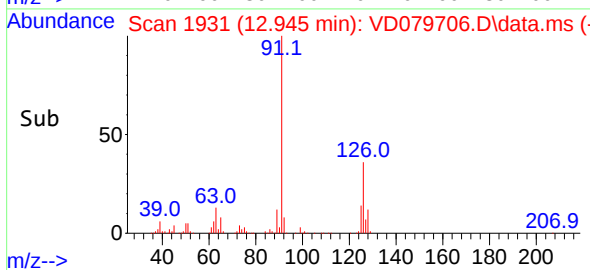
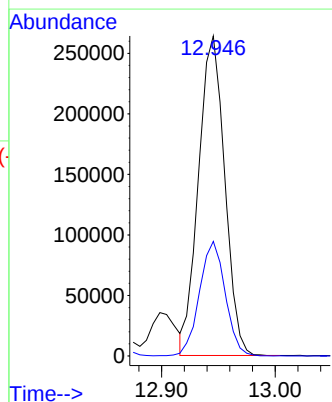
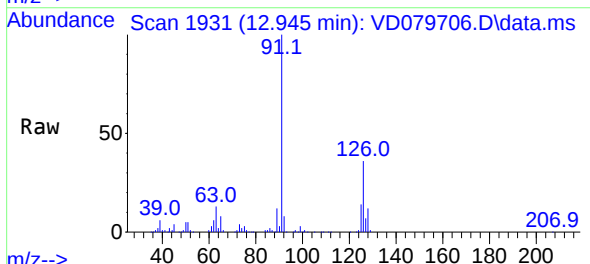


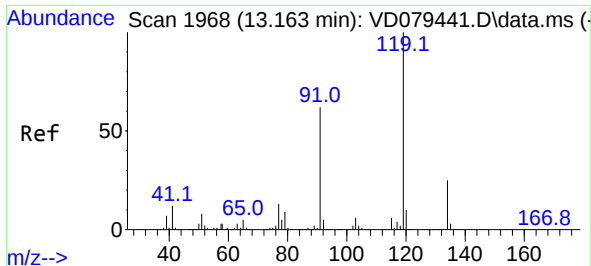
Tgt Ion: 75 Resp: 35034  
Ion Ratio Lower Upper  
75 100  
53 74.6 61.4 92.2  
89 42.9 35.4 53.0



#82  
4-Chlorotoluene  
Concen: 52.833 ug/l  
RT: 12.945 min Scan# 1931  
Delta R.T. 0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

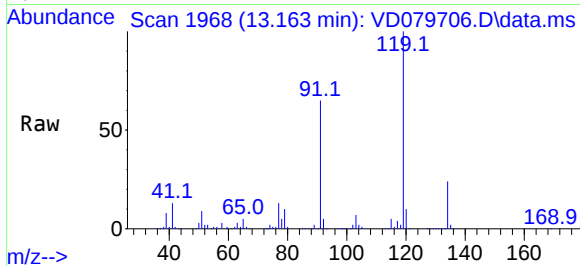
Tgt Ion: 91 Resp: 422345  
Ion Ratio Lower Upper  
91 100  
126 35.4 18.9 56.9



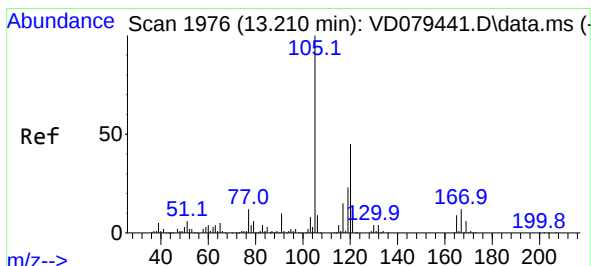
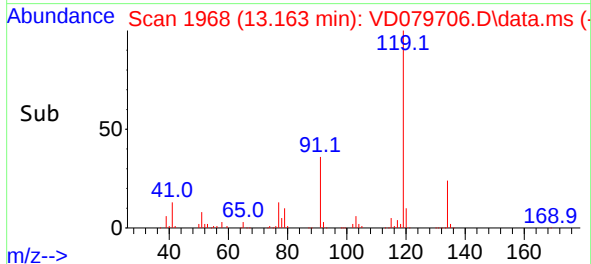
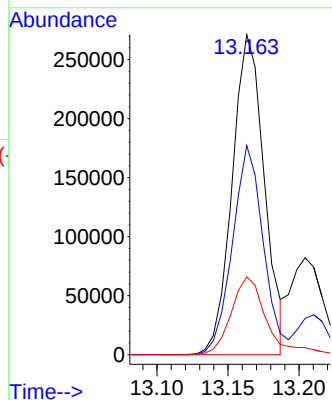


#83  
tert-Butylbenzene  
Concen: 55.375 ug/l  
RT: 13.163 min Scan# 1968  
Delta R.T. 0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Instrument :  
MSVOA\_D  
ClientSampleId :

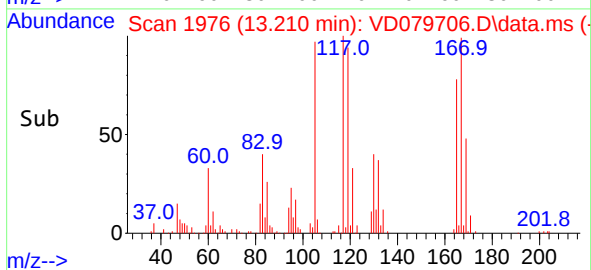
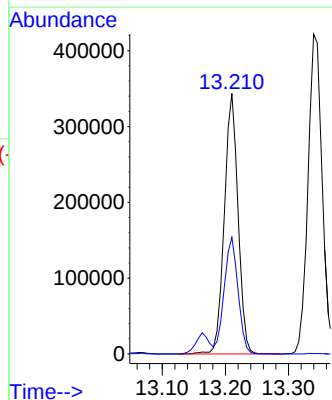
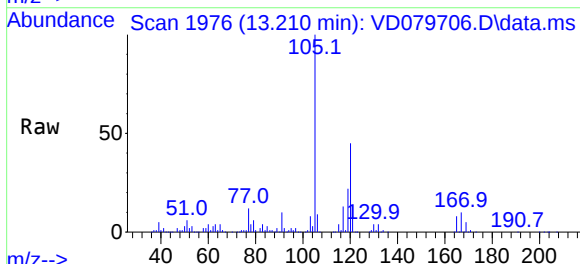


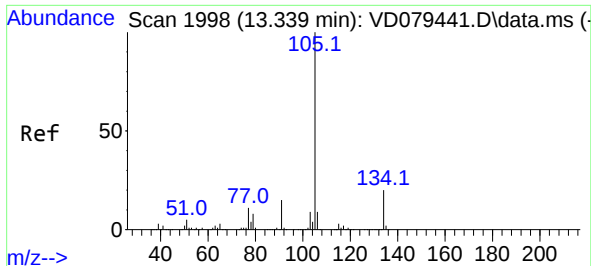
Tgt Ion:119 Resp: 427557  
Ion Ratio Lower Upper  
119 100  
91 63.0 28.2 84.7  
134 26.7 13.4 40.1



#84  
1,2,4-Trimethylbenzene  
Concen: 55.370 ug/l  
RT: 13.210 min Scan# 1976  
Delta R.T. 0.006 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Tgt Ion:105 Resp: 518248  
Ion Ratio Lower Upper  
105 100  
120 45.2 23.6 71.0

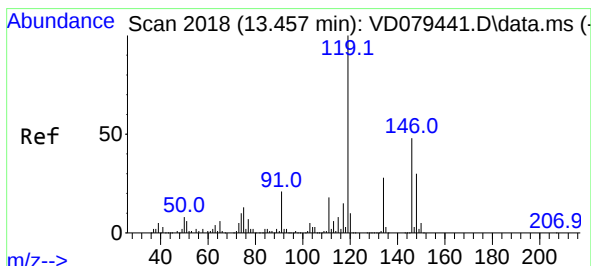
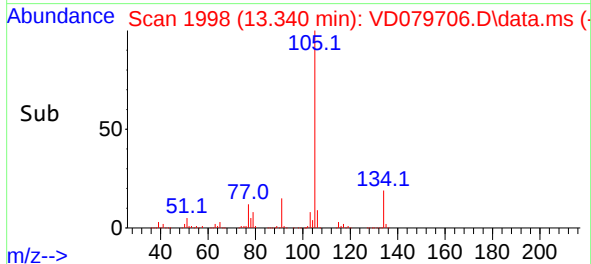
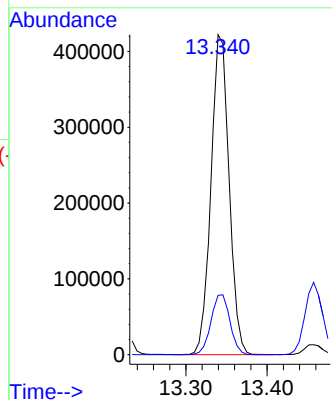
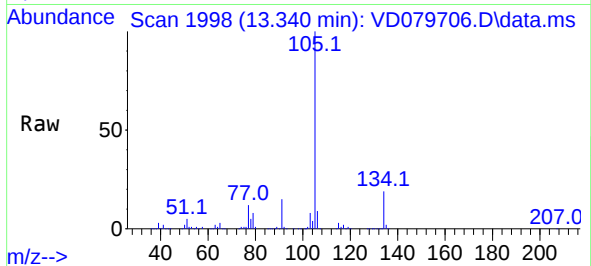




#85  
sec-Butylbenzene  
Concen: 54.888 ug/l  
RT: 13.340 min Scan# 1998  
Delta R.T. -0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

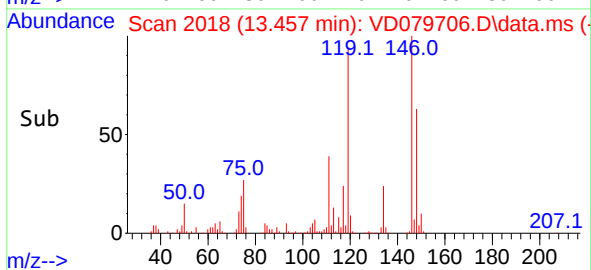
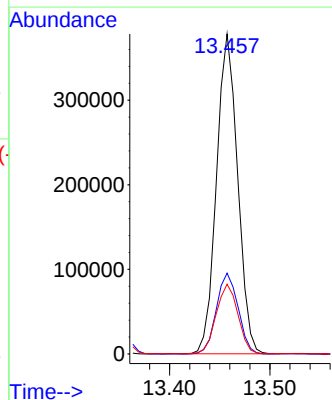
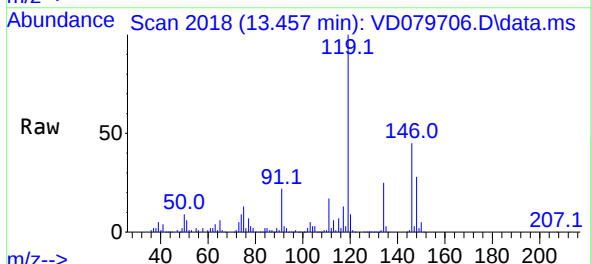
Instrument :  
MSVOA\_D  
ClientSampleId :

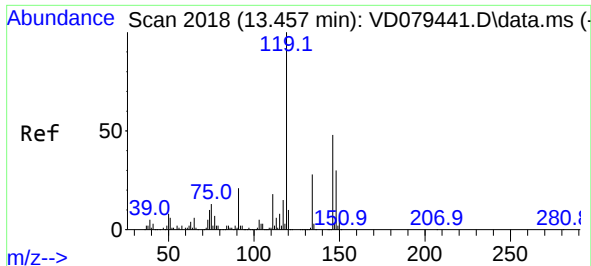
Tgt Ion:105 Resp: 653046  
Ion Ratio Lower Upper  
105 100  
134 19.6 10.3 30.8



#86  
p-Isopropyltoluene  
Concen: 55.333 ug/l  
RT: 13.457 min Scan# 2018  
Delta R.T. 0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Tgt Ion:119 Resp: 553048  
Ion Ratio Lower Upper  
119 100  
134 26.0 13.7 41.1  
91 22.4 10.7 32.1

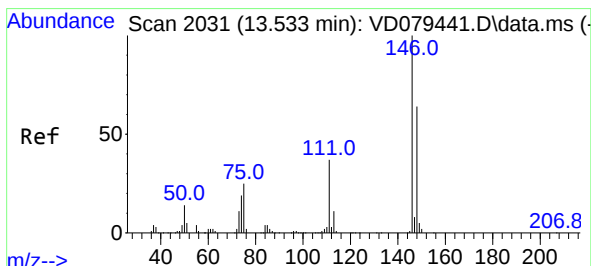
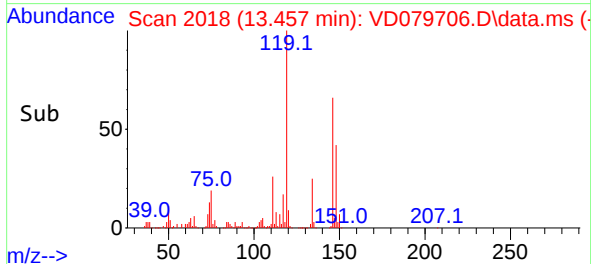
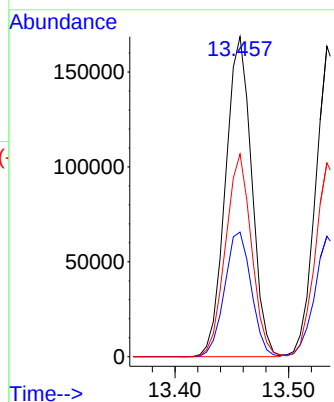
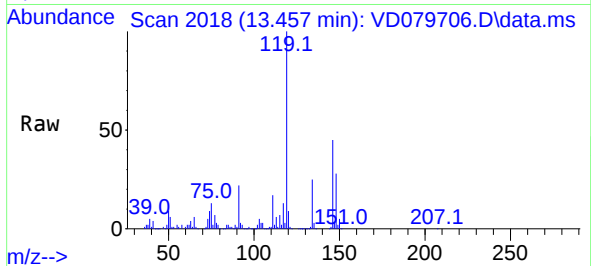




#87  
1,3-Dichlorobenzene  
Concen: 51.414 ug/l  
RT: 13.457 min Scan# 2018  
Delta R.T. 0.006 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

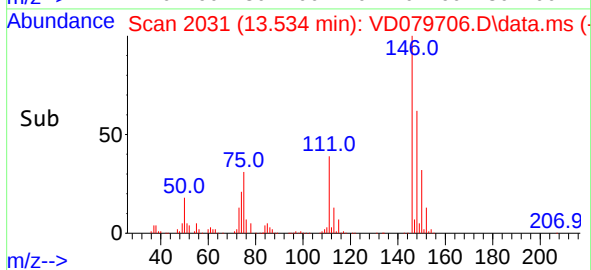
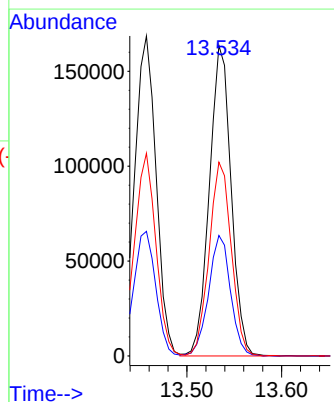
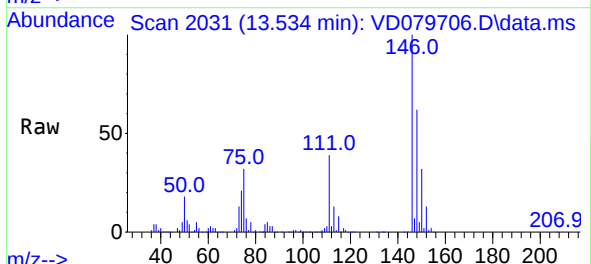
Instrument :  
MSVOA\_D  
ClientSampleId :

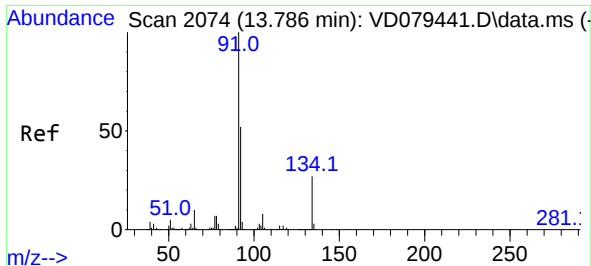
Tgt Ion:146 Resp: 270057  
Ion Ratio Lower Upper  
146 100  
111 39.7 18.5 55.5  
148 62.8 30.9 92.8



#88  
1,4-Dichlorobenzene  
Concen: 50.452 ug/l  
RT: 13.534 min Scan# 2031  
Delta R.T. -0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

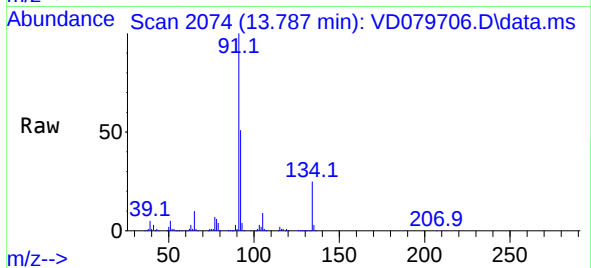
Tgt Ion:146 Resp: 261588  
Ion Ratio Lower Upper  
146 100  
111 39.2 17.5 52.6  
148 63.6 31.4 94.2



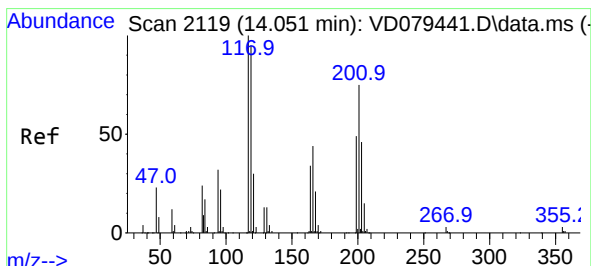
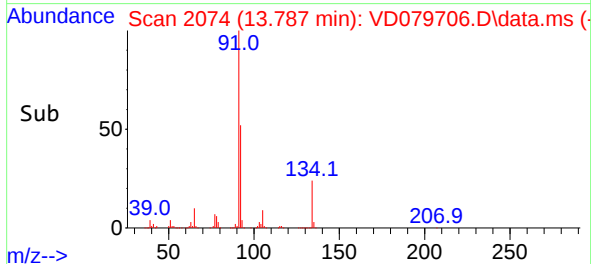
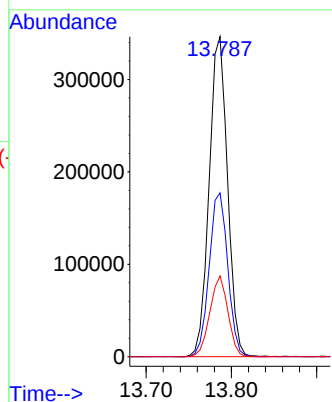


#89  
n-Butylbenzene  
Concen: 54.998 ug/l  
RT: 13.787 min Scan# 2074  
Delta R.T. 0.006 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Instrument :  
MSVOA\_D  
ClientSampleId :

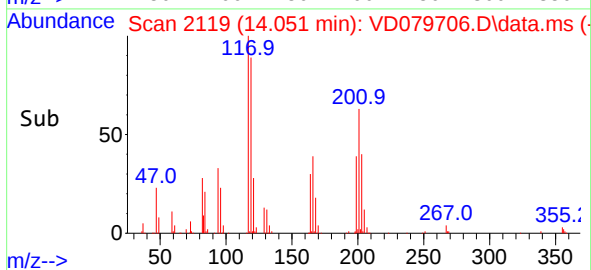
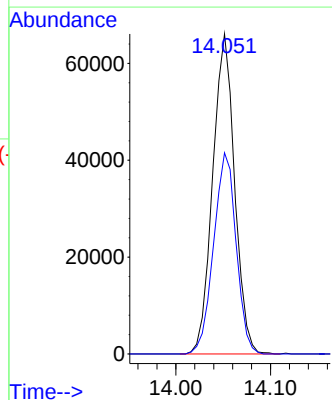
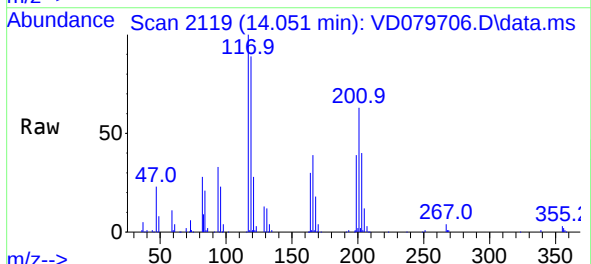


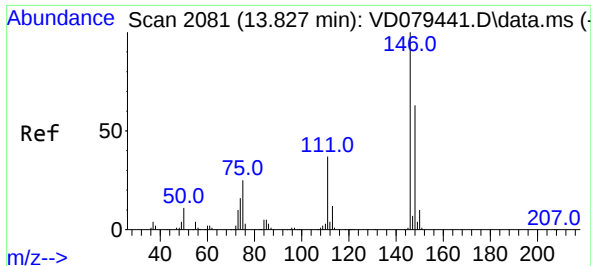
Tgt Ion: 91 Resp: 518153  
Ion Ratio Lower Upper  
91 100  
92 51.8 25.7 77.0  
134 24.8 13.6 40.8



#90  
Hexachloroethane  
Concen: 51.815 ug/l  
RT: 14.051 min Scan# 2119  
Delta R.T. 0.006 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Tgt Ion: 117 Resp: 106259  
Ion Ratio Lower Upper  
117 100  
201 64.5 36.3 108.9





#91

1,2-Dichlorobenzene

Concen: 50.017 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

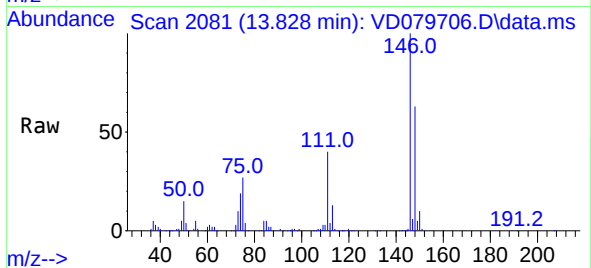
Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

Instrument :

MSVOA\_D

ClientSampleId :



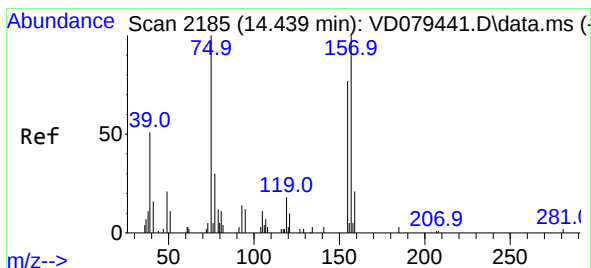
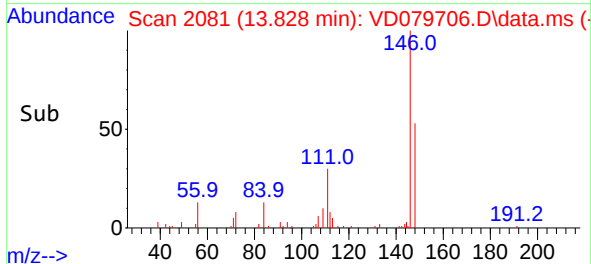
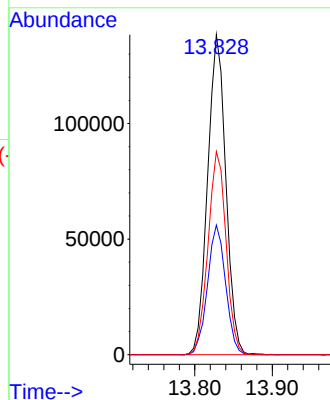
Tgt Ion:146 Resp: 226266

Ion Ratio Lower Upper

146 100

111 40.3 19.1 57.1

148 63.0 31.1 93.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 40.794 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD079706.D

Acq: 12 Aug 2024 12:20

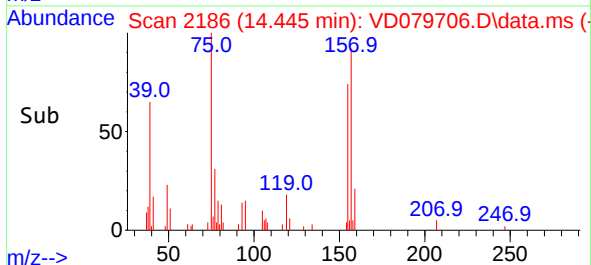
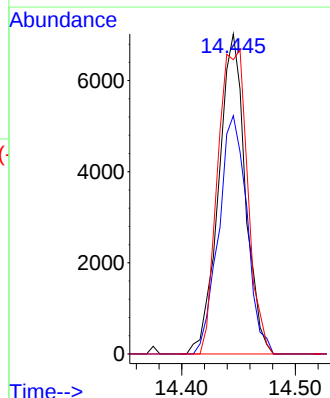
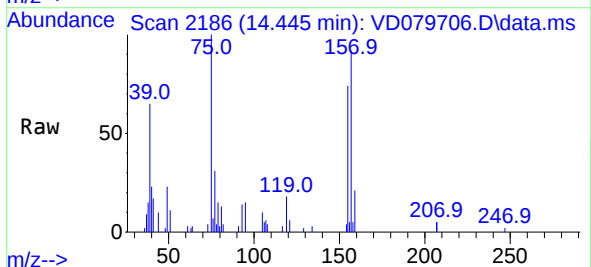
Tgt Ion: 75 Resp: 11470

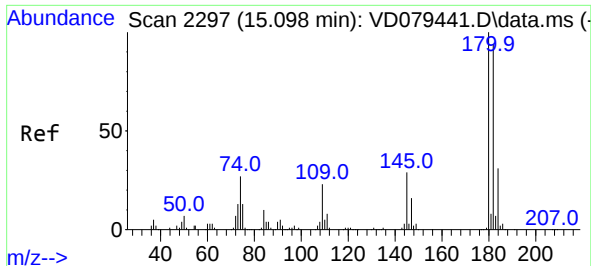
Ion Ratio Lower Upper

75 100

155 78.8 47.7 143.1

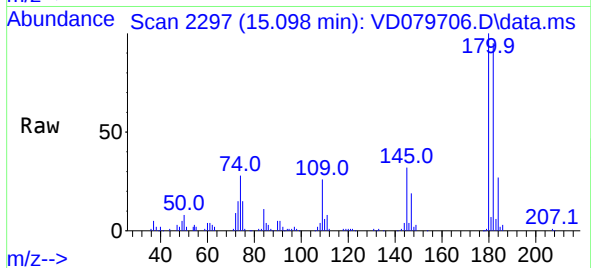
157 106.5 63.4 190.2



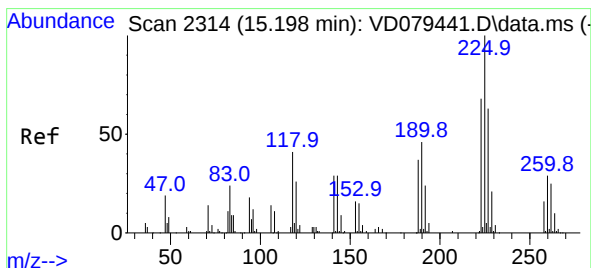
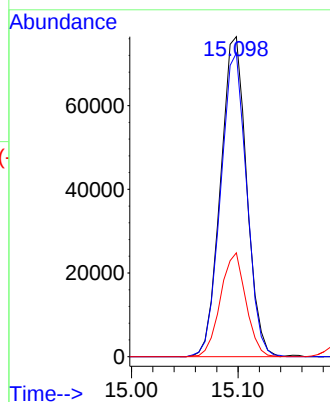
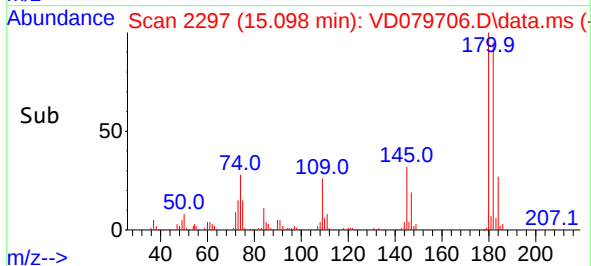


#93  
1,2,4-Trichlorobenzene  
Concen: 49.938 ug/l  
RT: 15.098 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

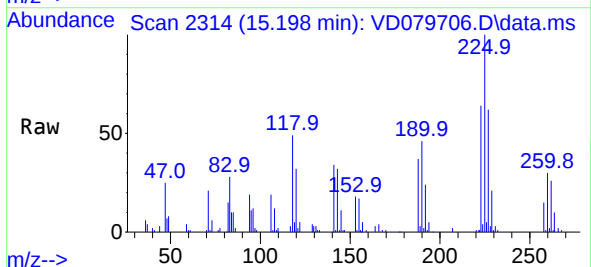
Instrument :  
MSVOA\_D  
ClientSampleId :



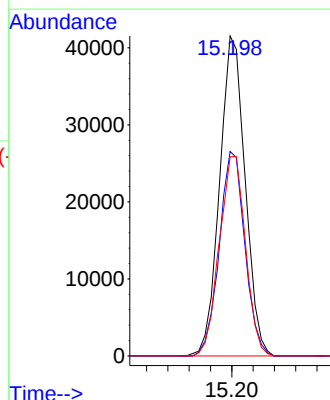
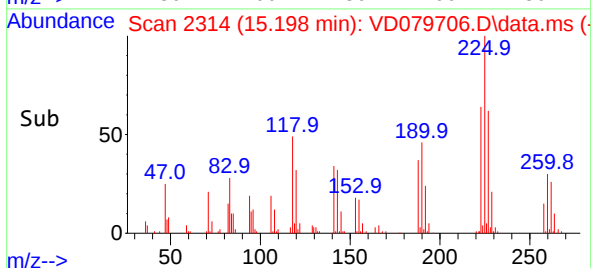
Tgt Ion:180 Resp: 129960  
Ion Ratio Lower Upper  
180 100  
182 94.6 46.9 140.7  
145 31.6 14.0 41.9

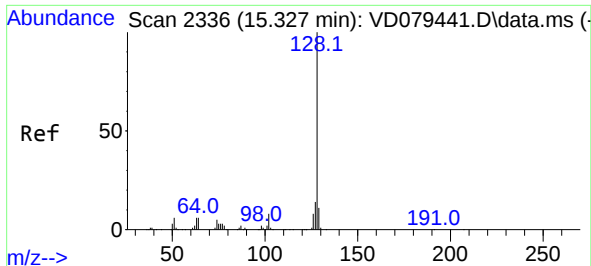


#94  
Hexachlorobutadiene  
Concen: 52.664 ug/l  
RT: 15.198 min Scan# 2314  
Delta R.T. 0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20



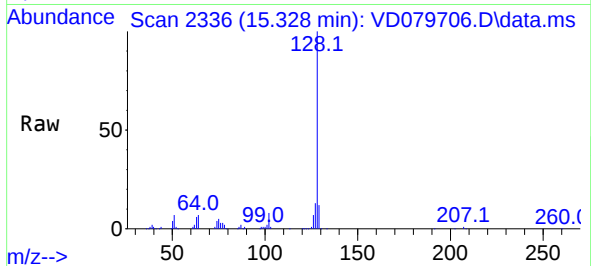
Tgt Ion:225 Resp: 68921  
Ion Ratio Lower Upper  
225 100  
223 64.1 33.3 99.9  
227 64.1 33.6 100.6



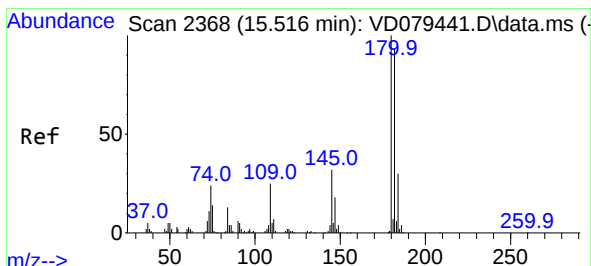
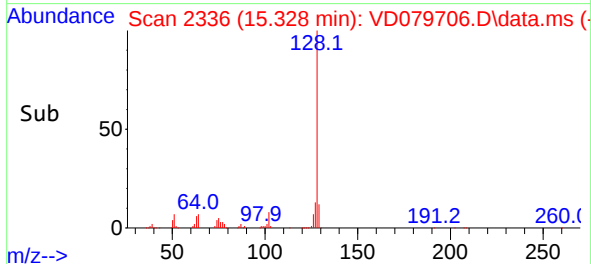
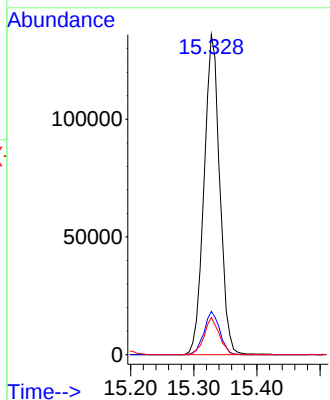


#95  
Naphthalene  
Concen: 47.296 ug/l  
RT: 15.328 min Scan# 2336  
Delta R.T. -0.000 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Instrument :  
MSVOA\_D  
ClientSampleId :



Tgt Ion:128 Resp: 235407  
Ion Ratio Lower Upper  
128 100  
127 13.5 10.2 15.4  
129 11.6 8.5 12.7



#96  
1,2,3-Trichlorobenzene  
Concen: 47.875 ug/l  
RT: 15.516 min Scan# 2368  
Delta R.T. -0.006 min  
Lab File: VD079706.D  
Acq: 12 Aug 2024 12:20

Tgt Ion:180 Resp: 109211  
Ion Ratio Lower Upper  
180 100  
182 97.2 47.8 143.3  
145 32.6 16.1 48.2

