

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122024\  
 Data File : VX044464.D  
 Acq On : 20 Dec 2024 19:49  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 20 22:37:33 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121124W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 12 04:28:14 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.544  | 168  | 140284   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 239068   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 206477   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 97831    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 109103   | 44.357   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 88.720%  |
| 35) Dibromofluoromethane    | 5.379  | 113   | 86675    | 52.347   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 104.700% |
| 50) Toluene-d8              | 8.647  | 98    | 290046   | 51.923   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 103.840% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 99862    | 51.161   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 102.320% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 104302  | 48.084  | ug/l   | 95  |
| 3) Chloromethane             | 1.294 | 50  | 97601   | 47.052  | ug/l   | 99  |
| 4) Vinyl Chloride            | 1.374 | 62  | 102407  | 47.388  | ug/l   | 96  |
| 5) Bromomethane              | 1.593 | 94  | 69880   | 45.581  | ug/l   | 98  |
| 6) Chloroethane              | 1.666 | 64  | 71114   | 52.848  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 1.868 | 101 | 168610  | 39.855  | ug/l   | 98  |
| 8) Diethyl Ether             | 2.136 | 74  | 61643   | 42.687  | ug/l   | 98  |
| 9) 1,1,2-Trichlorotrifluo... | 2.313 | 101 | 82704   | 48.311  | ug/l   | 96  |
| 10) Methyl Iodide            | 2.441 | 142 | 113213  | 50.177  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 2.989 | 59  | 71333   | 205.778 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 2.306 | 96  | 78622   | 50.001  | ug/l   | 95  |
| 13) Acrolein                 | 2.239 | 56  | 111786  | 222.774 | ug/l   | 98  |
| 14) Allyl chloride           | 2.654 | 41  | 124514  | 47.541  | ug/l   | 97  |
| 15) Acrylonitrile            | 3.062 | 53  | 217189  | 226.182 | ug/l   | 98  |
| 16) Acetone                  | 2.386 | 43  | 189212  | 188.692 | ug/l   | 95  |
| 17) Carbon Disulfide         | 2.502 | 76  | 152826  | 51.130  | ug/l   | 100 |
| 18) Methyl Acetate           | 2.709 | 43  | 120686  | 46.678  | ug/l   | 97  |
| 19) Methyl tert-butyl Ether  | 3.117 | 73  | 276668  | 45.089  | ug/l   | 99  |
| 20) Methylene Chloride       | 2.782 | 84  | 89276   | 47.401  | ug/l   | 93  |
| 21) trans-1,2-Dichloroethene | 3.087 | 96  | 81078   | 48.517  | ug/l   | 99  |
| 22) Diisopropyl ether        | 3.764 | 45  | 265503  | 45.018  | ug/l   | 98  |
| 23) Vinyl Acetate            | 3.721 | 43  | 1167584 | 243.510 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 3.605 | 63  | 157858  | 48.018  | ug/l   | 99  |
| 25) 2-Butanone               | 4.562 | 43  | 303982  | 213.237 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 4.471 | 77  | 116211  | 43.513  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 4.483 | 96  | 100836  | 47.511  | ug/l   | 95  |
| 28) Bromochloromethane       | 4.891 | 49  | 71526   | 44.369  | ug/l   | 95  |
| 29) Tetrahydrofuran          | 5.007 | 42  | 194494  | 212.557 | ug/l   | 99  |
| 30) Chloroform               | 5.093 | 83  | 166909  | 45.189  | ug/l   | 99  |
| 31) Cyclohexane              | 5.464 | 56  | 122203  | 46.033  | ug/l   | 96  |
| 32) 1,1,1-Trichloroethane    | 5.379 | 97  | 144394  | 47.095  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 5.684 | 75  | 104911  | 49.017  | ug/l   | 97  |
| 37) Ethyl Acetate            | 4.721 | 43  | 127468  | 48.180  | ug/l   | 100 |
| 38) Carbon Tetrachloride     | 5.666 | 117 | 118357  | 51.365  | ug/l   | 99  |
| 39) Methylcyclohexane        | 7.373 | 83  | 131438  | 51.370  | ug/l   | 96  |
| 40) Benzene                  | 6.031 | 78  | 333117  | 51.262  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122024\  
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 Acq On : 20 Dec 2024 19:49  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 20 22:37:33 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121124W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 12 04:28:14 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 66592    | 47.401   | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 6.080  | 62   | 127634   | 47.680   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 198680   | 48.047   | ug/l   | 98       |
| 44) Trichloroethene           | 7.117  | 130  | 86021    | 53.083   | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 7.428  | 63   | 82383    | 49.622   | ug/l   | 96       |
| 46) Dibromomethane            | 7.574  | 93   | 65924    | 51.184   | ug/l   | 94       |
| 47) Bromodichloromethane      | 7.818  | 83   | 117278   | 52.723   | ug/l   | 100      |
| 48) Methyl methacrylate       | 7.690  | 41   | 94575    | 47.115   | ug/l   | 96       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 33398    | 1003.530 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 625919   | 235.413  | ug/l   | 99       |
| 52) Toluene                   | 8.714  | 92   | 204328   | 50.071   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 115268   | 48.388   | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 127004   | 52.437   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 9.147  | 97   | 82378    | 50.814   | ug/l   | 96       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 131845   | 51.516   | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 140522   | 49.799   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 314516   | 243.652  | ug/l   | 98       |
| 59) 2-Hexanone                | 9.433  | 43   | 454909   | 236.376  | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.519  | 129  | 86219    | 50.206   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.604  | 107  | 87547    | 53.053   | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.269  | 164  | 70888    | 51.727   | ug/l   | 97       |
| 65) Chlorobenzene             | 10.079 | 112  | 225888   | 51.056   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 79060    | 55.601   | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.189 | 91   | 385756   | 50.462   | ug/l   | 96       |
| 68) m/p-Xylenes               | 10.299 | 106  | 294612   | 105.028  | ug/l   | 95       |
| 69) o-Xylene                  | 10.640 | 106  | 146149   | 51.494   | ug/l   | 93       |
| 70) Styrene                   | 10.653 | 104  | 240058   | 52.761   | ug/l   | 96       |
| 71) Bromoform                 | 10.799 | 173  | 51823    | 51.900   | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.957 | 105  | 374548   | 50.011   | ug/l   | 100      |
| 74) N-amyl acetate            | 10.842 | 43   | 168135   | 48.576   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.207 | 83   | 125030   | 48.065   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 131971   | 60.417   | ug/l   | 84       |
| 77) Bromobenzene              | 11.195 | 156  | 94262    | 51.903   | ug/l   | 94       |
| 78) n-propylbenzene           | 11.305 | 91   | 417465   | 50.432   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 253139   | 47.285   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 309218   | 49.787   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 32407    | 43.348   | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 289306   | 48.802   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 312731   | 50.950   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 308415   | 50.564   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 376639   | 50.546   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 319422   | 51.504   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 163311   | 51.480   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 161681   | 49.579   | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.329 | 91   | 261860   | 50.212   | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 47928    | 52.940   | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 167214   | 50.764   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 23250    | 46.042   | ug/l   | 87       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 97858    | 54.188   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 40506    | 55.763   | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 343151   | 48.680   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 101400   | 52.939   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122024\  
Data File : VX044464.D  
Acq On : 20 Dec 2024 19:49  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 28 Sample Multiplier: 1

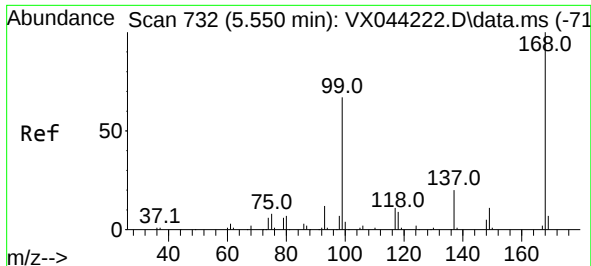
Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Dec 20 22:37:33 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121124W.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 12 04:28:14 2024  
Response via : Initial Calibration

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

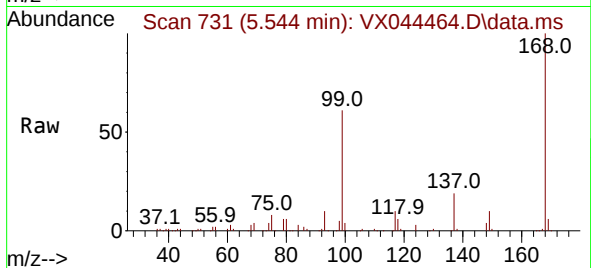
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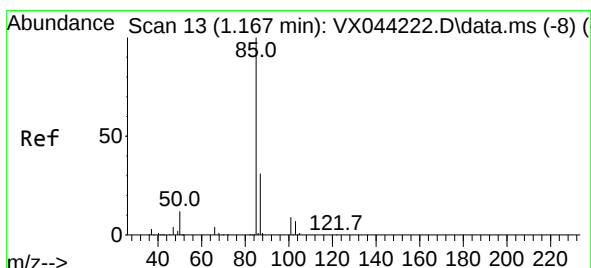
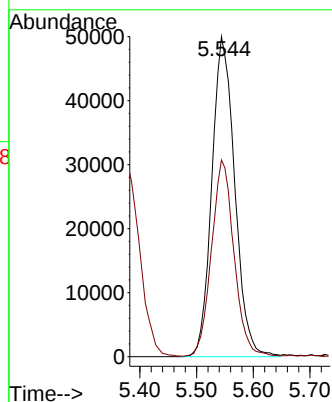
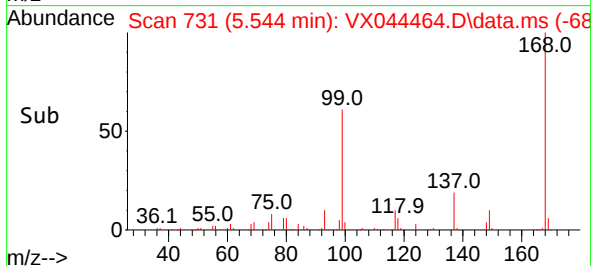


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

Instrument :  
MSVOA\_X  
ClientSampleId :

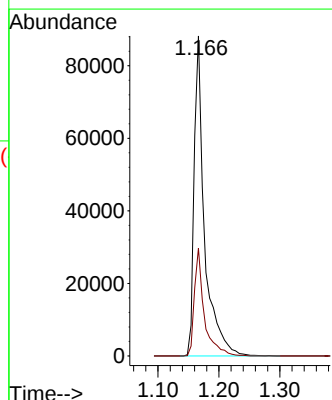
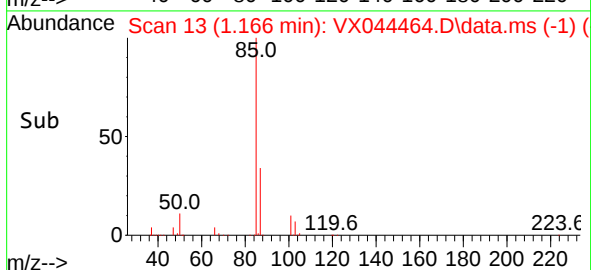
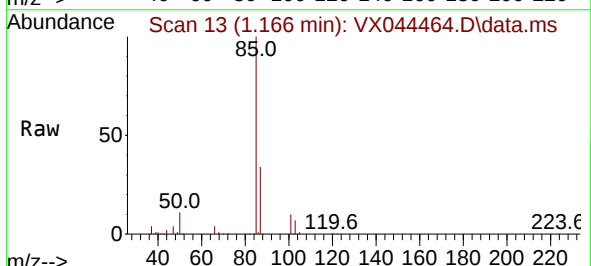


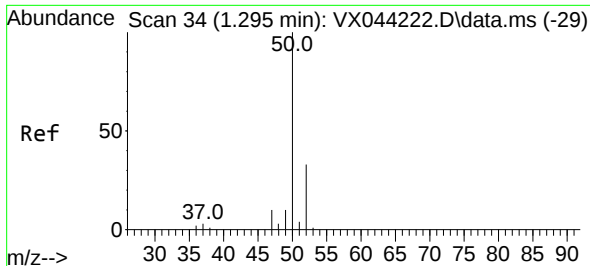
Tgt Ion:168 Resp: 140284  
Ion Ratio Lower Upper  
168 100  
99 61.2 53.4 80.0



#2  
Dichlorodifluoromethane  
Concen: 48.084 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

Tgt Ion: 85 Resp: 104302  
Ion Ratio Lower Upper  
85 100  
87 33.7 15.4 46.4

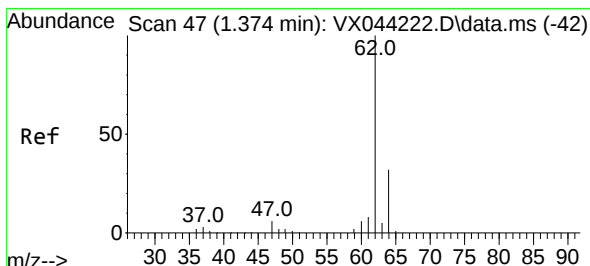
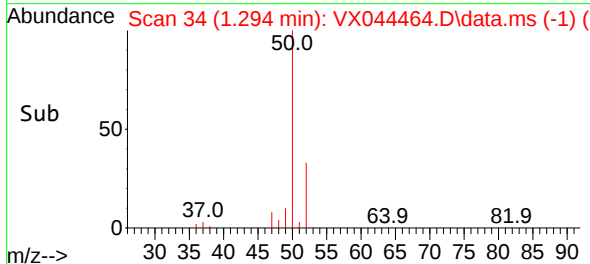
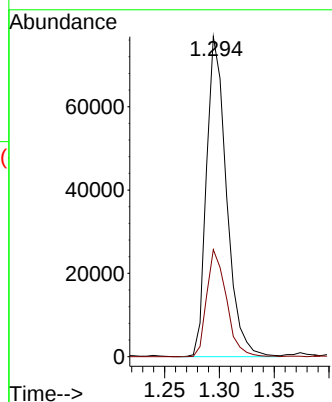
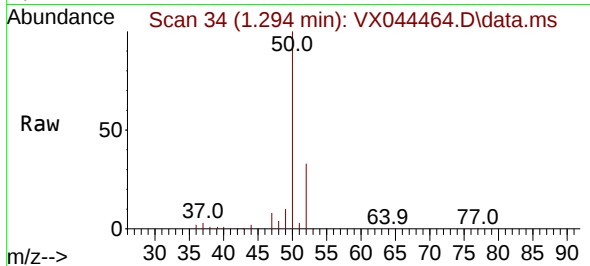




#3  
Chloromethane  
Concen: 47.052 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

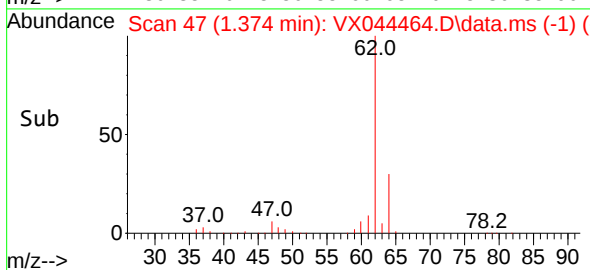
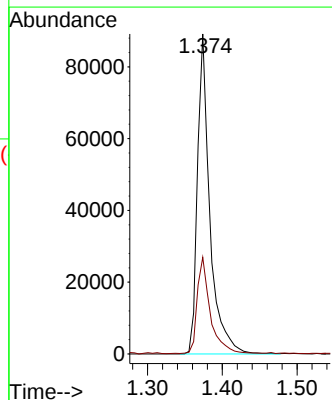
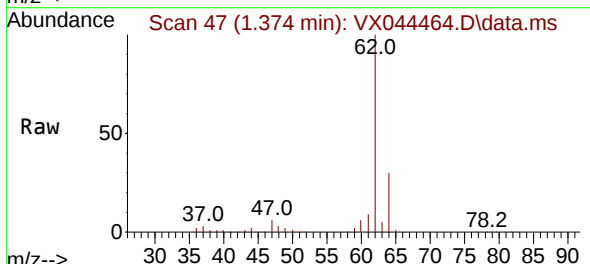
Instrument :  
MSVOA\_X  
ClientSampleId :

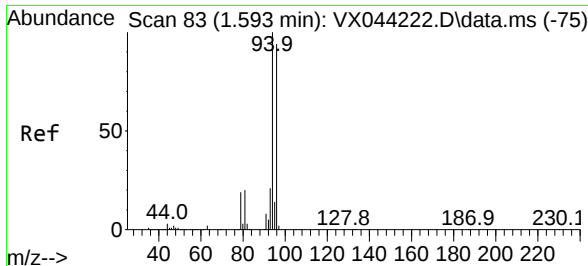
Tgt Ion: 50 Resp: 97601  
Ion Ratio Lower Upper  
50 100  
52 33.5 26.5 39.7



#4  
Vinyl Chloride  
Concen: 47.388 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

Tgt Ion: 62 Resp: 102407  
Ion Ratio Lower Upper  
62 100  
64 30.0 25.7 38.5

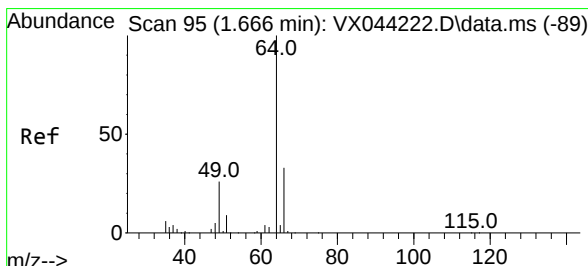
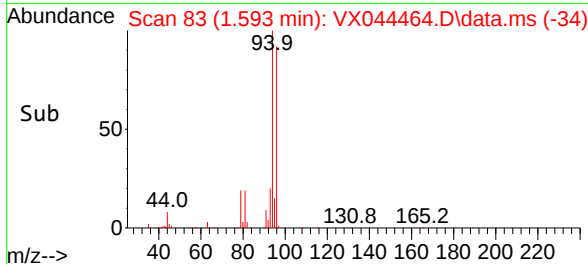
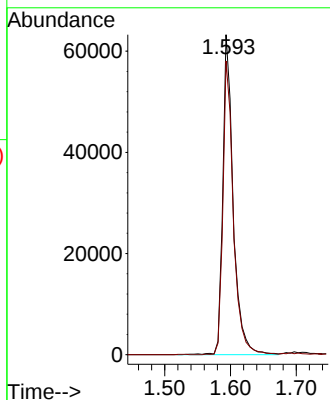
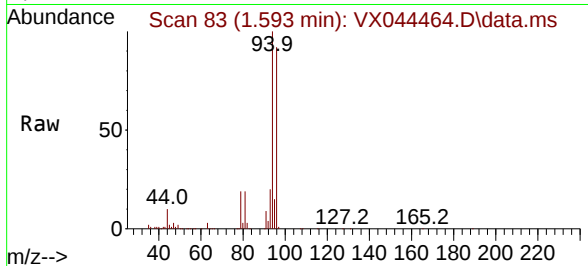




#5  
Bromomethane  
Concen: 45.581 ug/l  
RT: 1.593 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

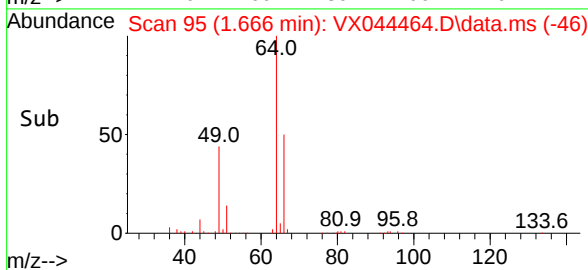
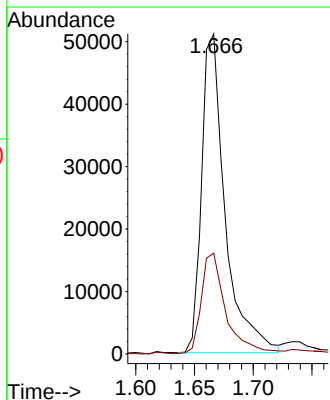
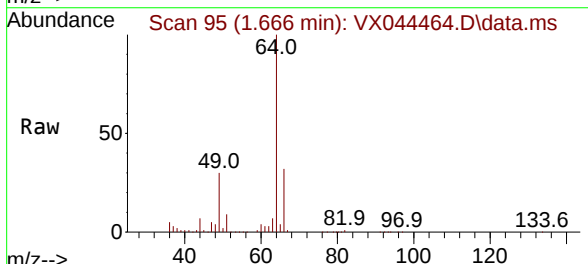
Instrument :  
MSVOA\_X  
ClientSampleId :

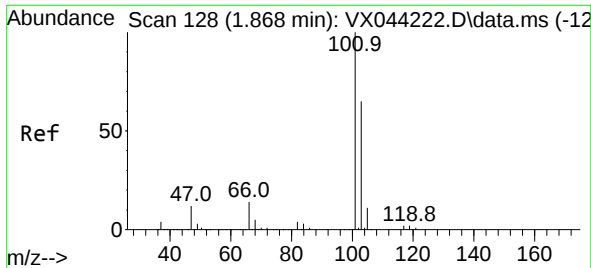
Tgt Ion: 94 Resp: 69880  
Ion Ratio Lower Upper  
94 100  
96 91.7 74.9 112.3



#6  
Chloroethane  
Concen: 52.848 ug/l  
RT: 1.666 min Scan# 95  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

Tgt Ion: 64 Resp: 71114  
Ion Ratio Lower Upper  
64 100  
66 31.5 26.6 39.8

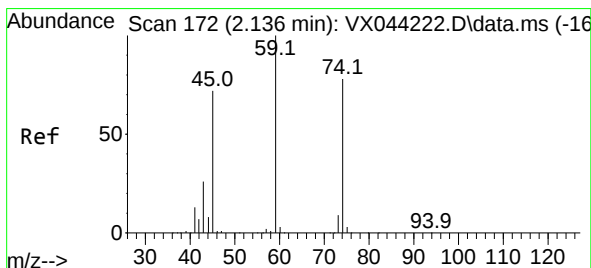
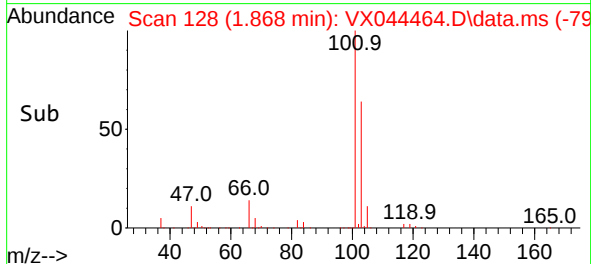
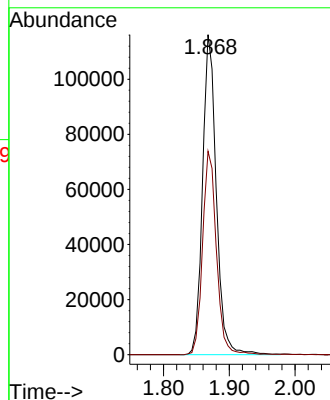
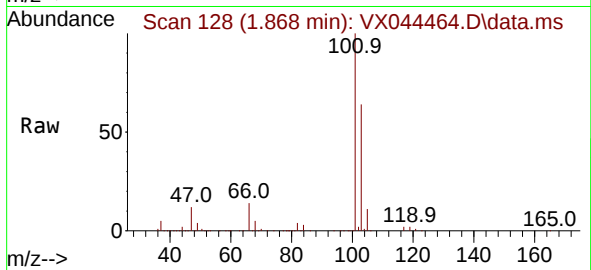




#7  
 Trichlorofluoromethane  
 Concen: 39.855 ug/l  
 RT: 1.868 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX044464.D  
 Acq: 20 Dec 2024 19:49

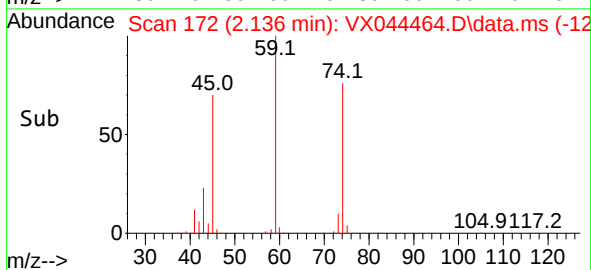
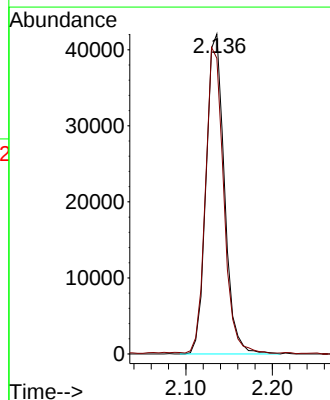
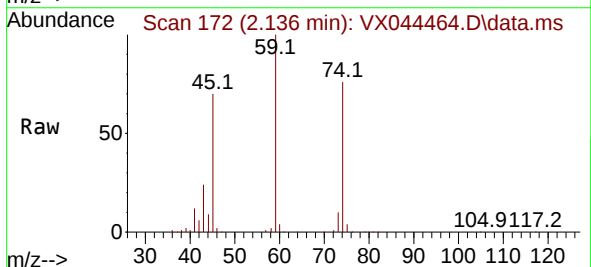
Instrument :  
 MSVOA\_X  
 ClientSampleId :

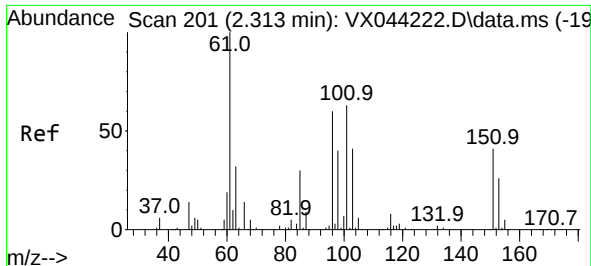
Tgt Ion:101 Resp: 168610  
 Ion Ratio Lower Upper  
 101 100  
 103 63.5 51.8 77.8



#8  
 Diethyl Ether  
 Concen: 42.687 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. -0.000 min  
 Lab File: VX044464.D  
 Acq: 20 Dec 2024 19:49

Tgt Ion: 74 Resp: 61643  
 Ion Ratio Lower Upper  
 74 100  
 45 94.9 48.4 145.0

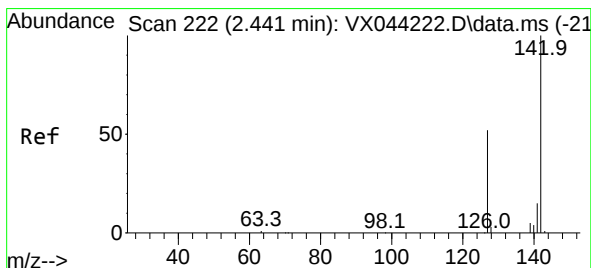
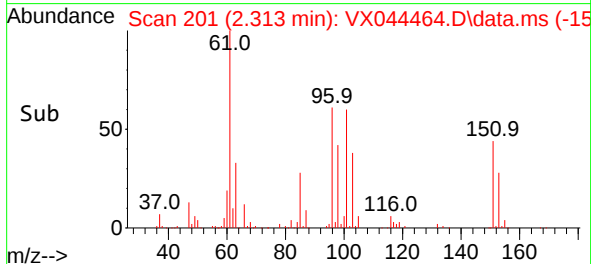
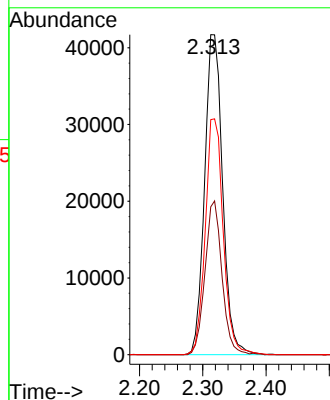
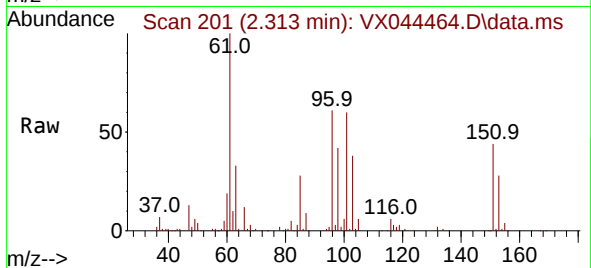




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.311 ug/l  
RT: 2.313 min Scan# 201  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

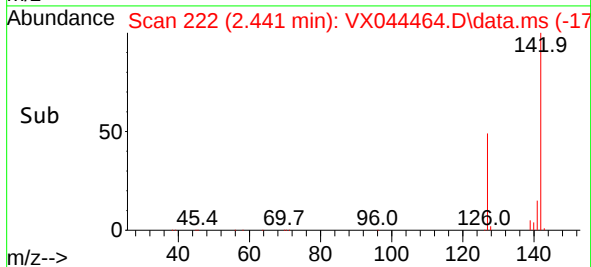
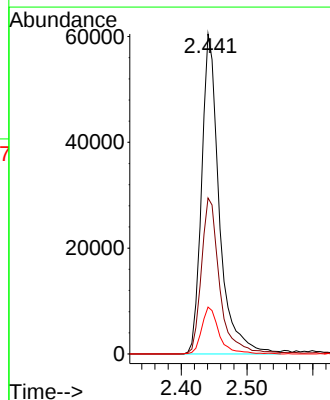
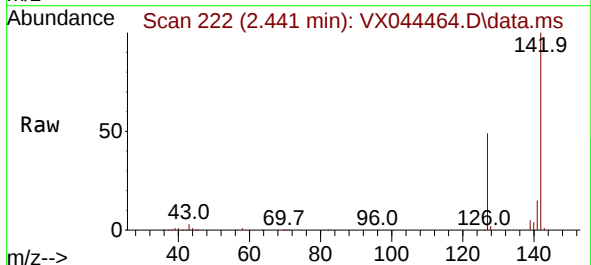
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MSVOA\_X  
ClientSampleId :

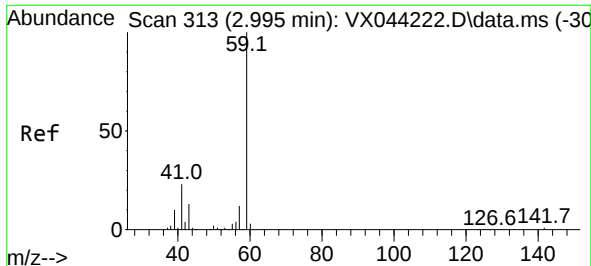
Tgt Ion:101 Resp: 82704  
Ion Ratio Lower Upper  
101 100  
85 45.4 38.5 57.7  
151 73.6 55.8 83.6



#10  
Methyl Iodide  
Concen: 50.177 ug/l  
RT: 2.441 min Scan# 222  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

Tgt Ion:142 Resp: 113213  
Ion Ratio Lower Upper  
142 100  
127 50.5 41.8 62.8  
141 14.5 11.5 17.3

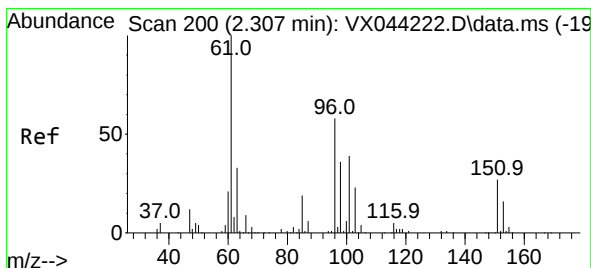
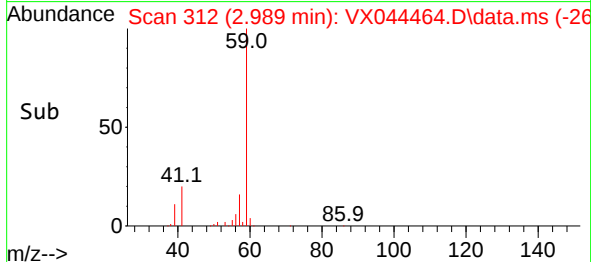
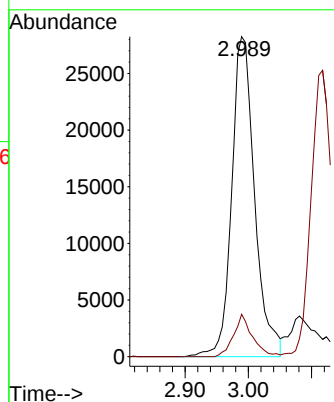
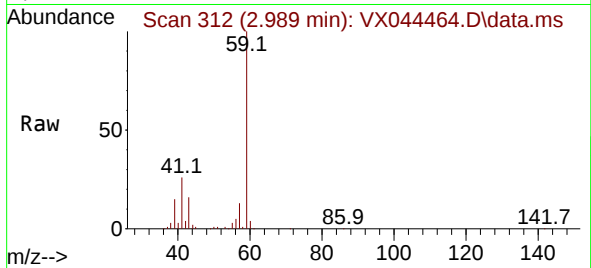




#11  
Tert butyl alcohol  
Concen: 205.778 ug/l  
RT: 2.989 min Scan# 313  
Delta R.T. -0.006 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

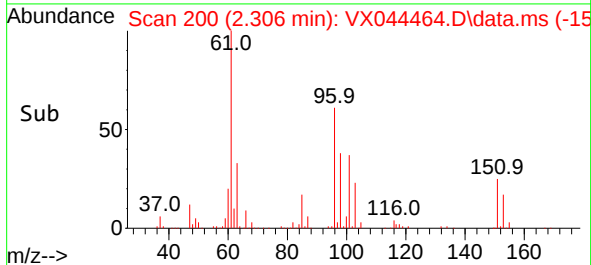
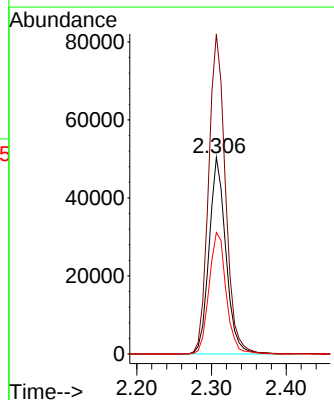
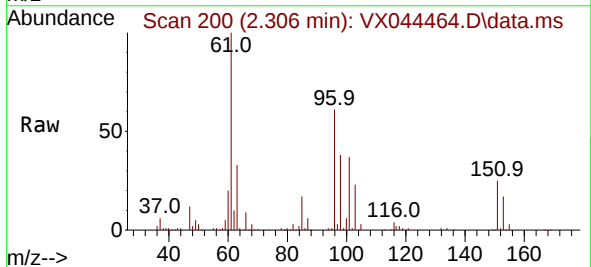
Instrument :  
MSVOA\_X  
ClientSampleId :

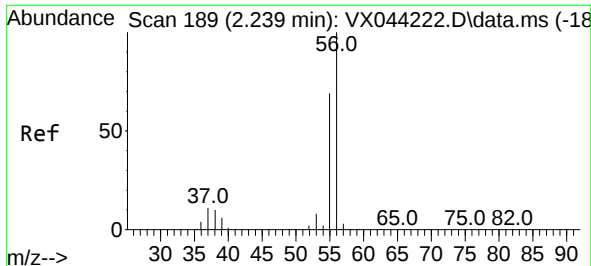
Tgt Ion: 59 Resp: 71333  
Ion Ratio Lower Upper  
59 100  
57 10.9 8.8 13.2



#12  
1,1-Dichloroethene  
Concen: 50.001 ug/l  
RT: 2.306 min Scan# 200  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

Tgt Ion: 96 Resp: 78622  
Ion Ratio Lower Upper  
96 100  
61 162.8 138.0 207.0  
98 61.8 50.0 75.0

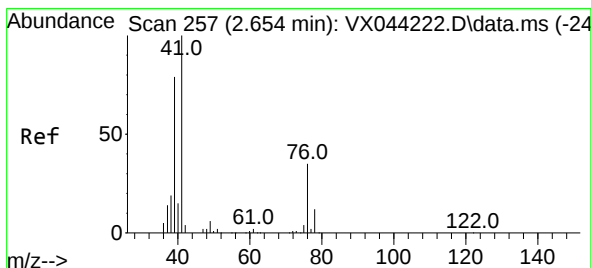
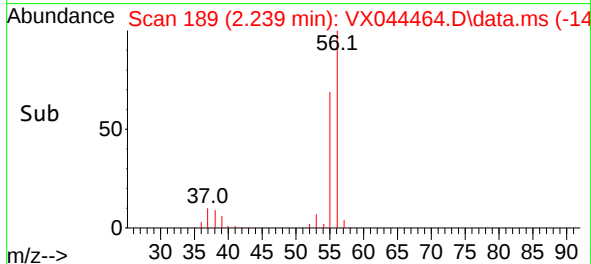
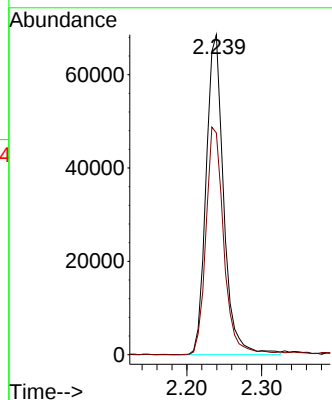
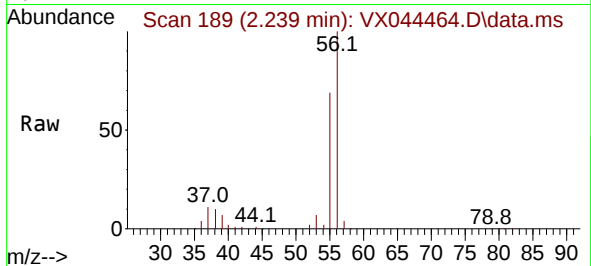




#13  
Acrolein  
Concen: 222.774 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

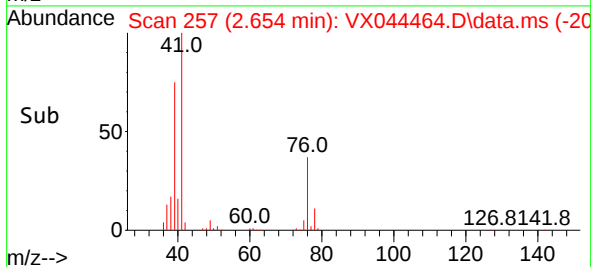
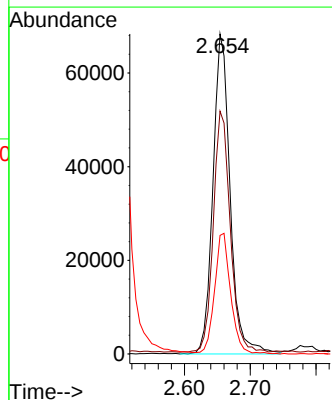
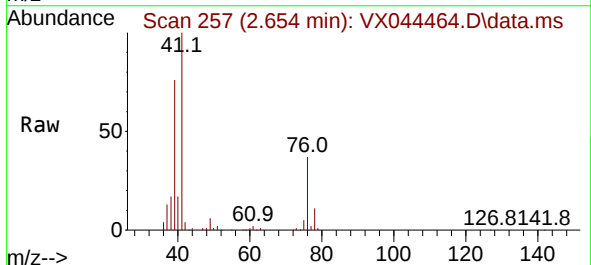
Instrument :  
MSVOA\_X  
ClientSampleId :

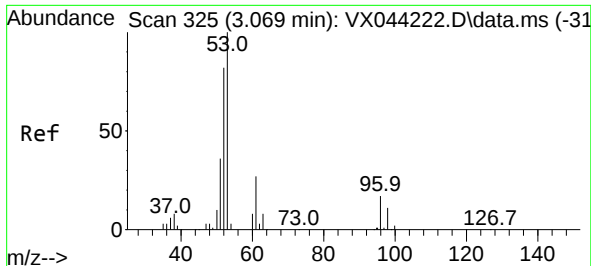
Tgt Ion: 56 Resp: 111786  
Ion Ratio Lower Upper  
56 100  
55 72.3 56.6 84.8



#14  
Allyl chloride  
Concen: 47.541 ug/l  
RT: 2.654 min Scan# 257  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

Tgt Ion: 41 Resp: 124514  
Ion Ratio Lower Upper  
41 100  
39 74.1 61.9 92.9  
76 35.4 27.4 41.2





#15

Acrylonitrile

Concen: 226.182 ug/l

RT: 3.062 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

Instrument :

MSVOA\_X

ClientSampleId :

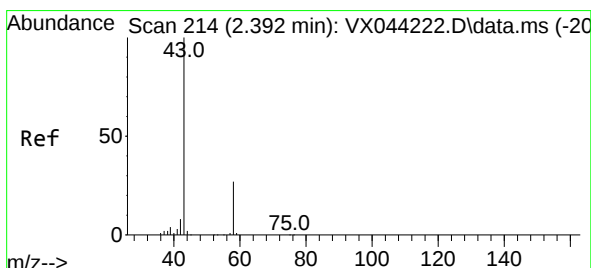
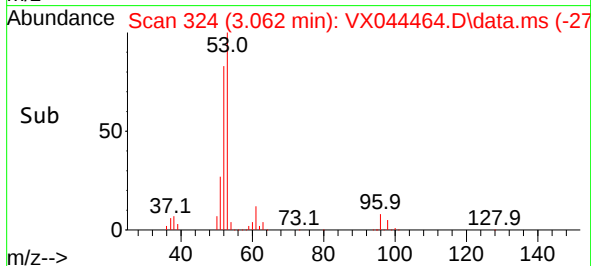
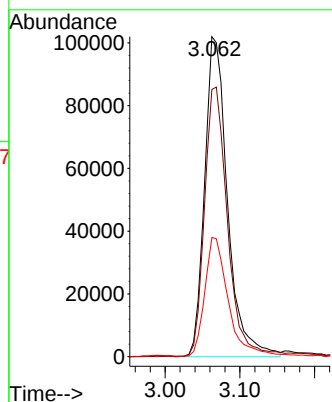
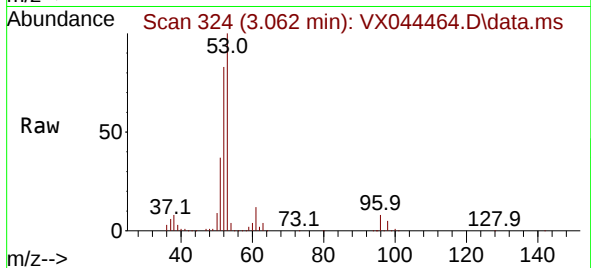
Tgt Ion: 53 Resp: 217189

Ion Ratio Lower Upper

53 100

52 86.6 67.4 101.0

51 38.5 30.3 45.5



#16

Acetone

Concen: 188.692 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX044464.D

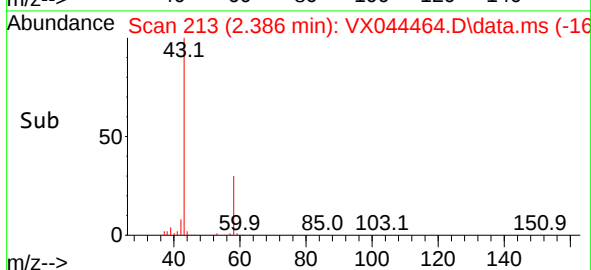
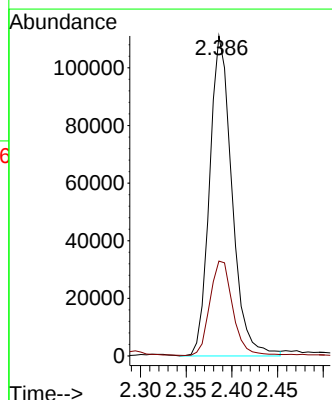
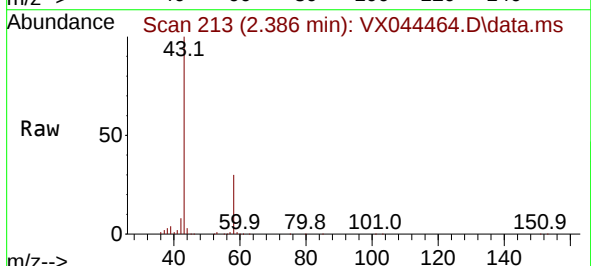
Acq: 20 Dec 2024 19:49

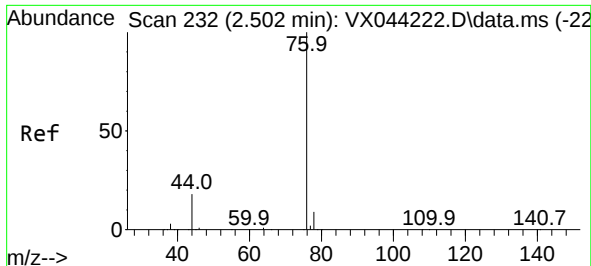
Tgt Ion: 43 Resp: 189212

Ion Ratio Lower Upper

43 100

58 29.4 21.6 32.4

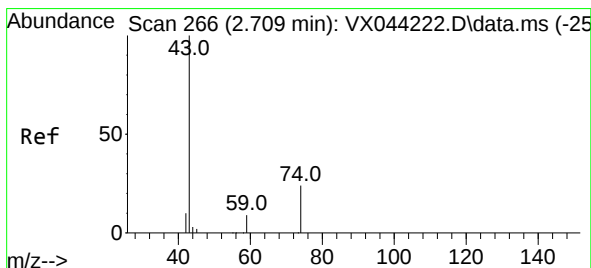
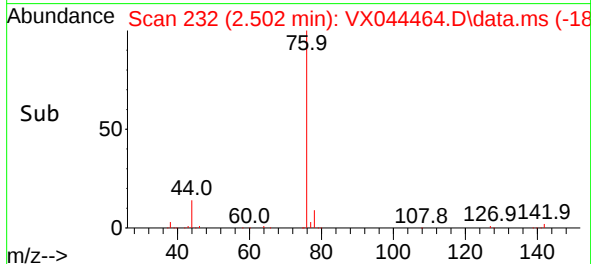
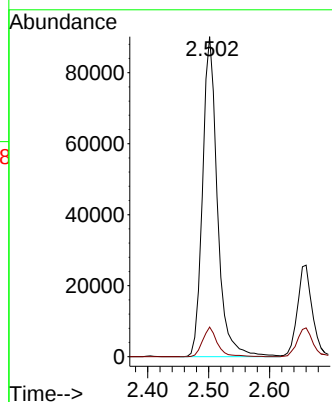
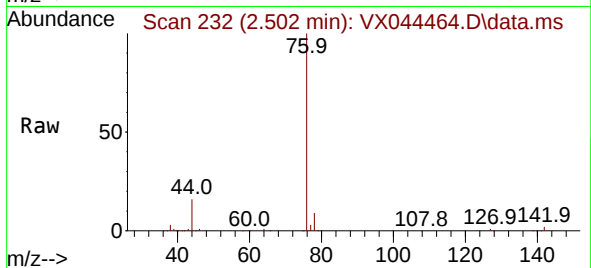




#17  
Carbon Disulfide  
Concen: 51.130 ug/l  
RT: 2.502 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

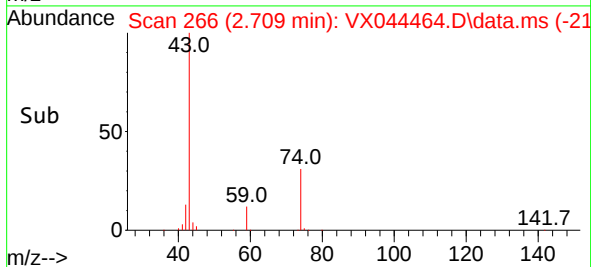
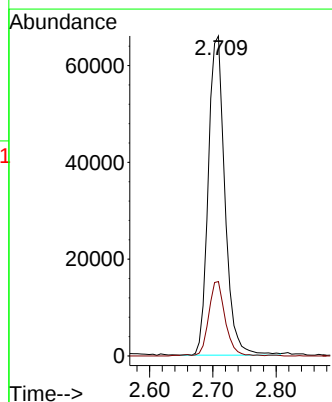
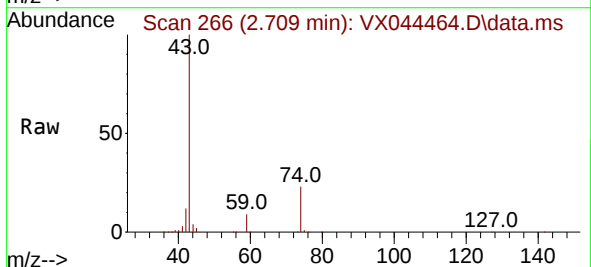
Instrument :  
MSVOA\_X  
ClientSampleId :

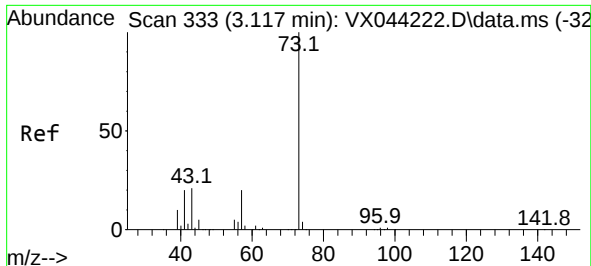
Tgt Ion: 76 Resp: 152826  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.4 11.0



#18  
Methyl Acetate  
Concen: 46.678 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

Tgt Ion: 43 Resp: 120686  
Ion Ratio Lower Upper  
43 100  
74 23.4 17.7 26.5

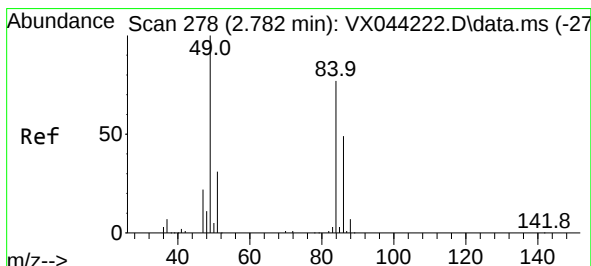
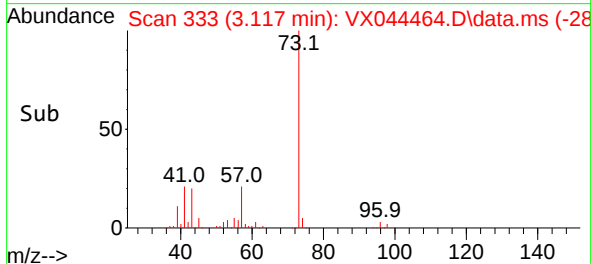
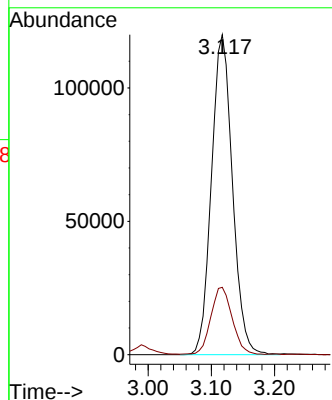
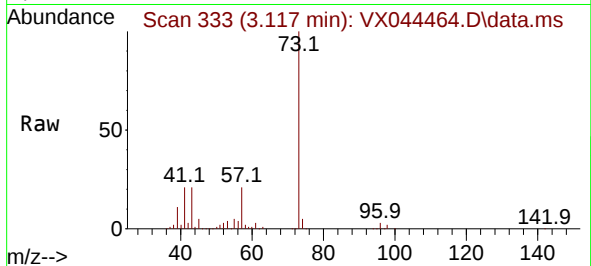




#19  
Methyl tert-butyl Ether  
Concen: 45.089 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

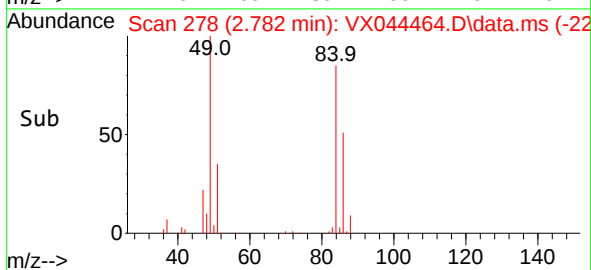
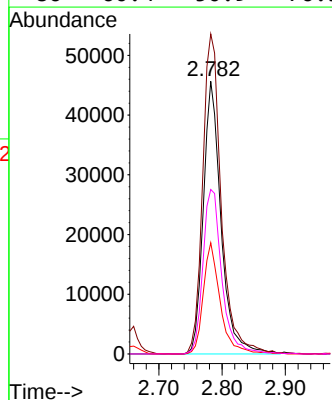
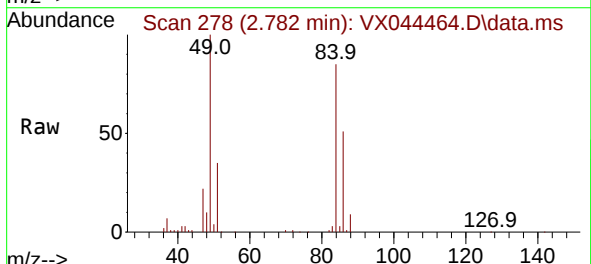
Instrument :  
MSVOA\_X  
ClientSampleId :

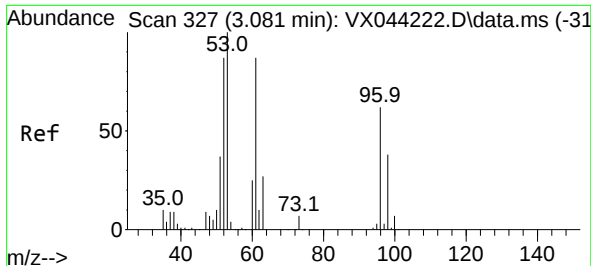
Tgt Ion: 73 Resp: 276668  
Ion Ratio Lower Upper  
73 100  
57 21.0 16.2 24.4



#20  
Methylene Chloride  
Concen: 47.401 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

Tgt Ion: 84 Resp: 89276  
Ion Ratio Lower Upper  
84 100  
49 117.4 104.2 156.4  
51 40.8 32.2 48.4  
86 60.4 50.9 76.3

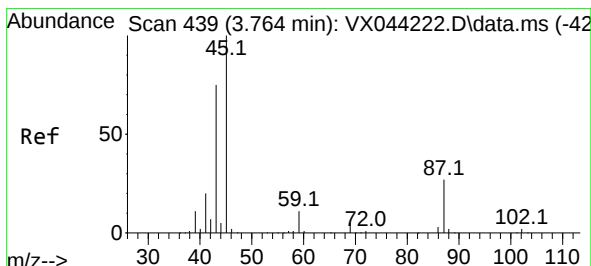
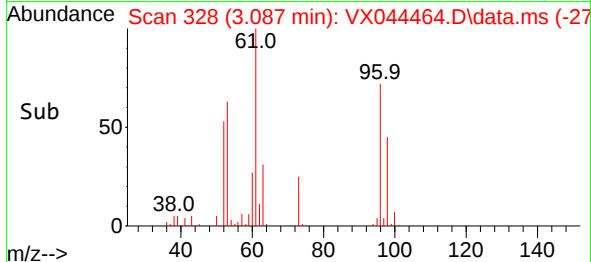
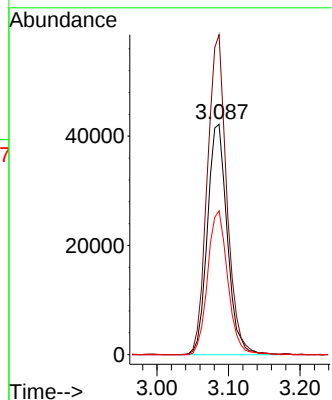
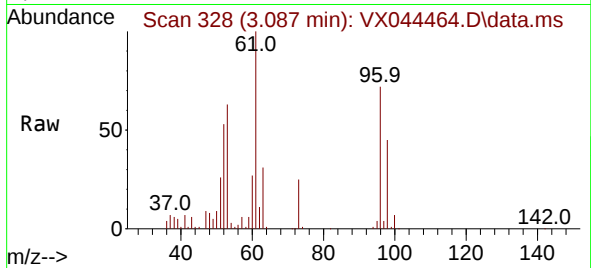




#21  
trans-1,2-Dichloroethene  
Concen: 48.517 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

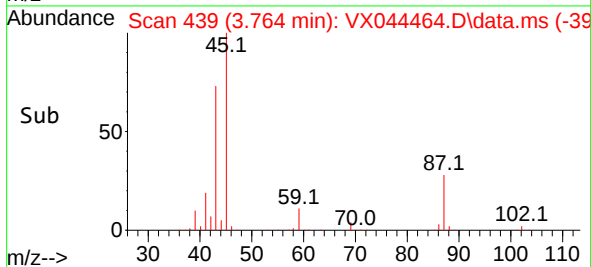
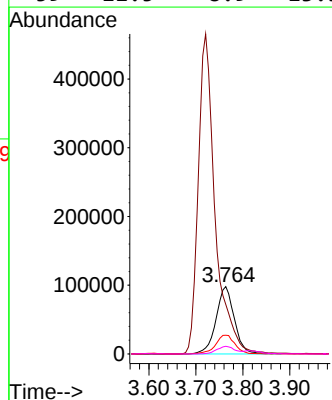
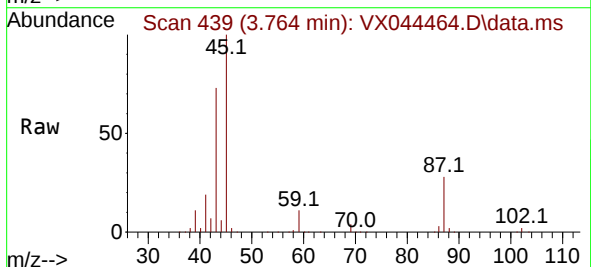
Instrument :  
MSVOA\_X  
ClientSampleId :

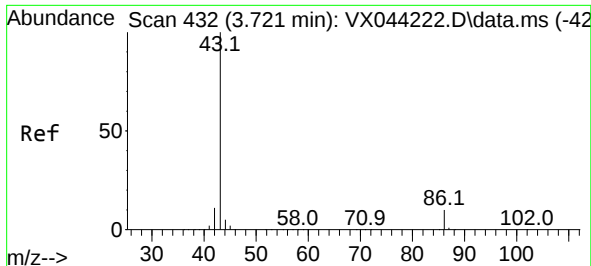
Tgt Ion: 96 Resp: 81078  
Ion Ratio Lower Upper  
96 100  
61 138.9 112.0 168.0  
98 62.4 48.8 73.2



#22  
Diisopropyl ether  
Concen: 45.018 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

Tgt Ion: 45 Resp: 265503  
Ion Ratio Lower Upper  
45 100  
43 73.3 60.2 90.2  
87 27.7 21.2 31.8  
59 11.5 8.9 13.3

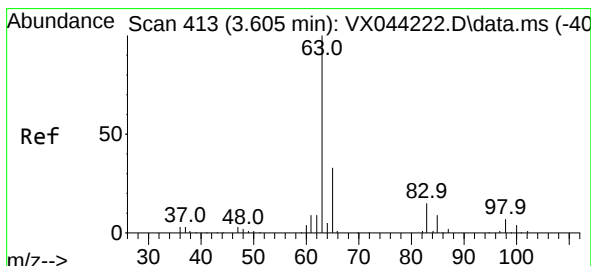
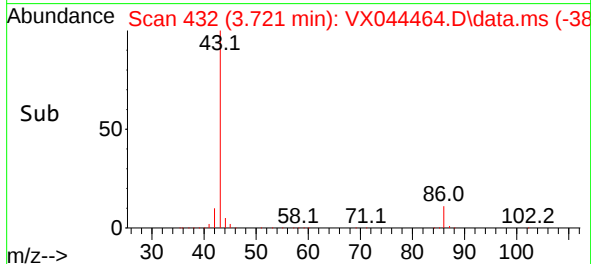
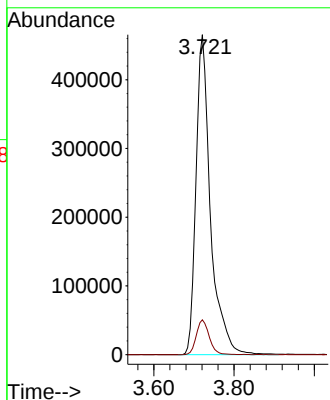
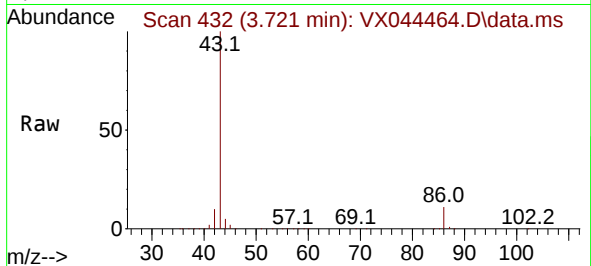




#23  
 Vinyl Acetate  
 Concen: 243.510 ug/l  
 RT: 3.721 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX044464.D  
 Acq: 20 Dec 2024 19:49

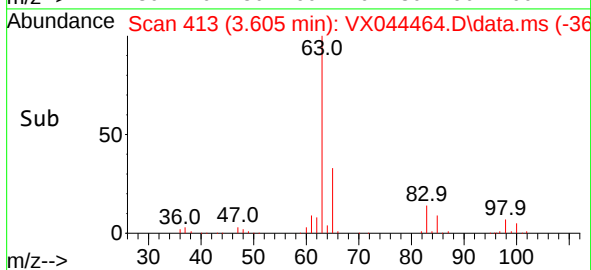
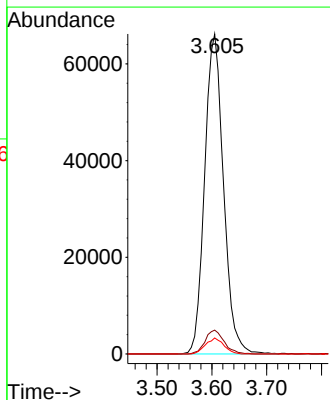
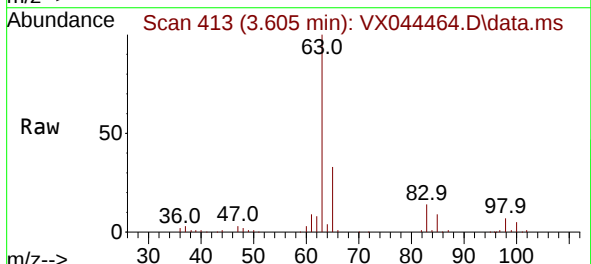
Instrument :  
 MSVOA\_X  
 ClientSampleId :

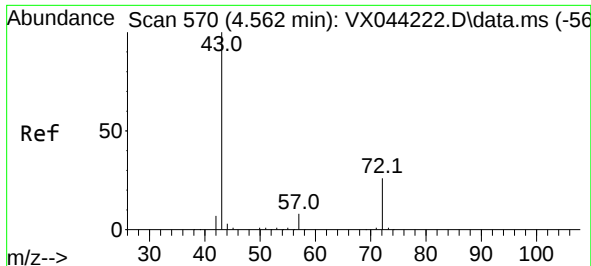
Tgt Ion: 43 Resp: 1167584  
 Ion Ratio Lower Upper  
 43 100  
 86 10.9 8.2 12.2



#24  
 1,1-Dichloroethane  
 Concen: 48.018 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX044464.D  
 Acq: 20 Dec 2024 19:49

Tgt Ion: 63 Resp: 157858  
 Ion Ratio Lower Upper  
 63 100  
 98 7.4 3.6 10.8  
 100 5.0 2.1 6.3

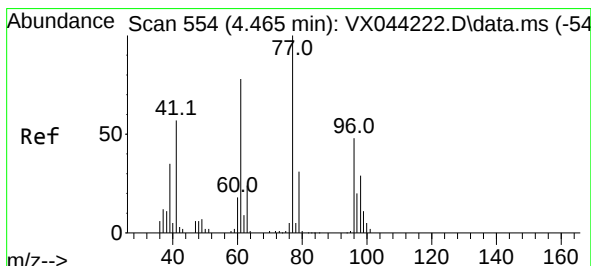
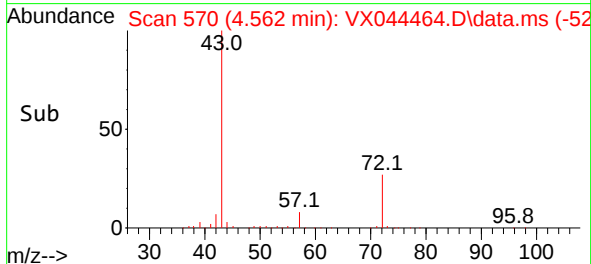
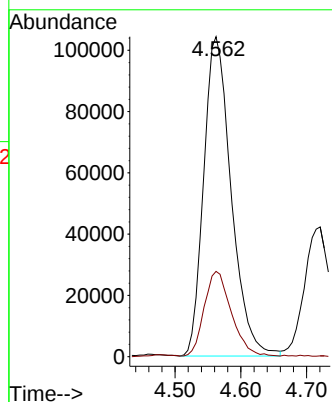
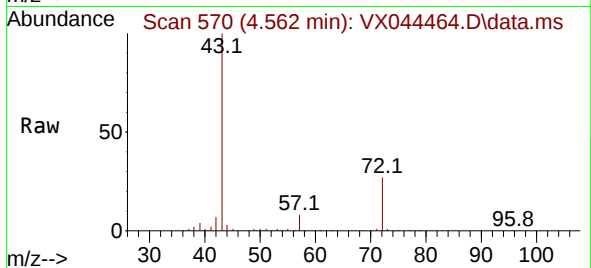




#25  
2-Butanone  
Concen: 213.237 ug/l  
RT: 4.562 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

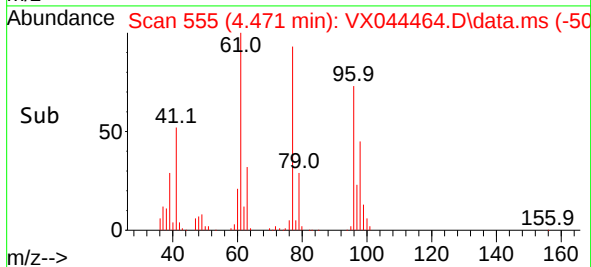
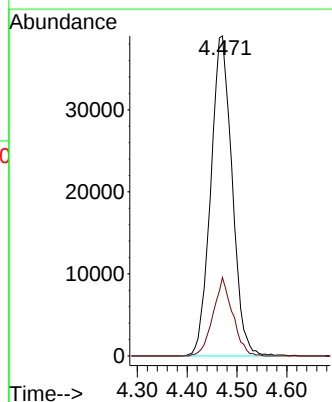
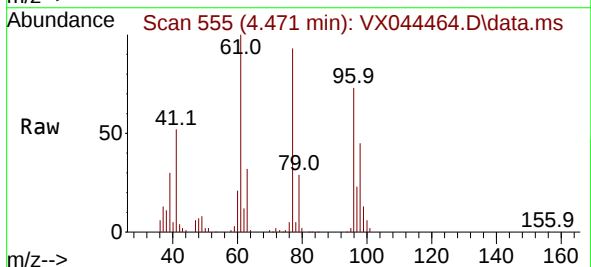
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 43 Resp: 303982  
Ion Ratio Lower Upper  
43 100  
72 26.5 20.2 30.4



#26  
2,2-Dichloropropane  
Concen: 43.513 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. 0.006 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

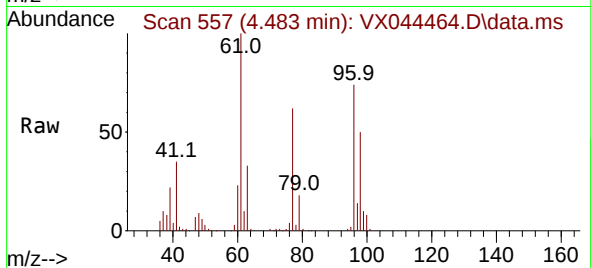
Tgt Ion: 77 Resp: 116211  
Ion Ratio Lower Upper  
77 100  
97 22.5 10.7 32.1



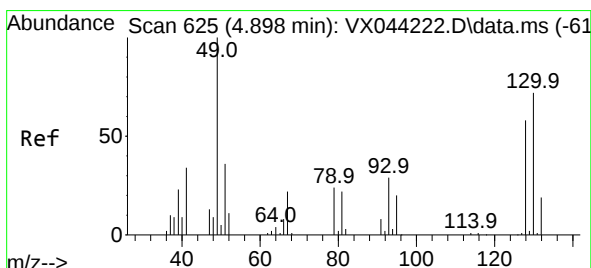
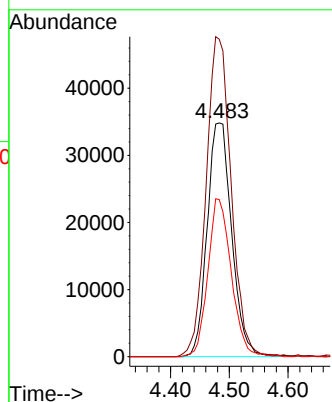
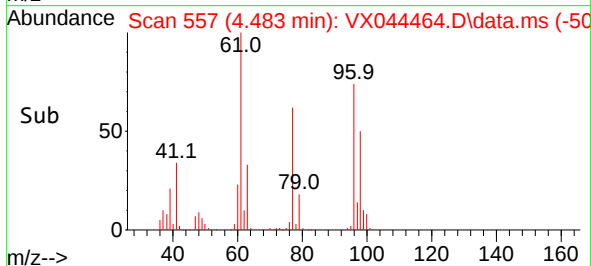


#27  
 cis-1,2-Dichloroethene  
 Concen: 47.511 ug/l  
 RT: 4.483 min Scan# 51  
 Delta R.T. -0.000 min  
 Lab File: VX044464.D  
 Acq: 20 Dec 2024 19:49

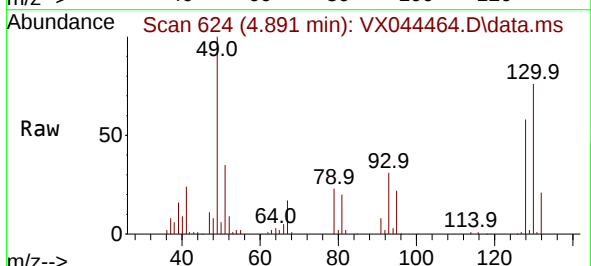
Instrument :  
 MSVOA\_X  
 ClientSampleId :



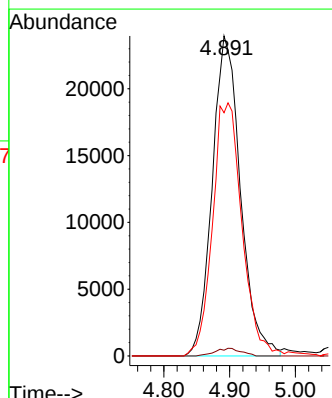
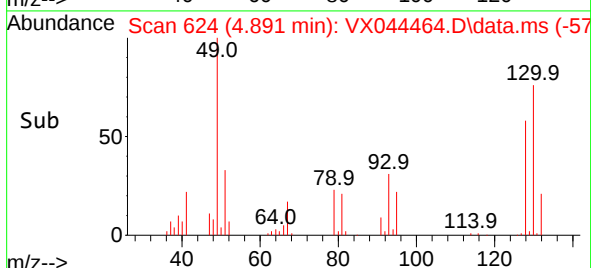
Tgt Ion: 96 Resp: 100836  
 Ion Ratio Lower Upper  
 96 100  
 61 139.9 0.0 299.0  
 98 64.5 0.0 129.0

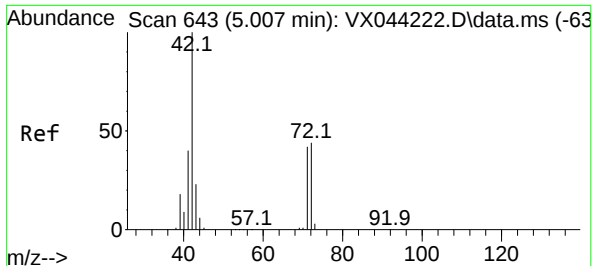


#28  
 Bromochloromethane  
 Concen: 44.369 ug/l  
 RT: 4.891 min Scan# 624  
 Delta R.T. -0.006 min  
 Lab File: VX044464.D  
 Acq: 20 Dec 2024 19:49



Tgt Ion: 49 Resp: 71526  
 Ion Ratio Lower Upper  
 49 100  
 129 2.2 0.0 4.2  
 130 82.1 62.1 93.1





#29

Tetrahydrofuran

Concen: 212.557 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

Instrument :

MSVOA\_X

ClientSampleId :

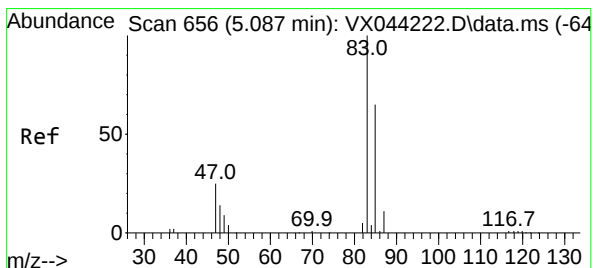
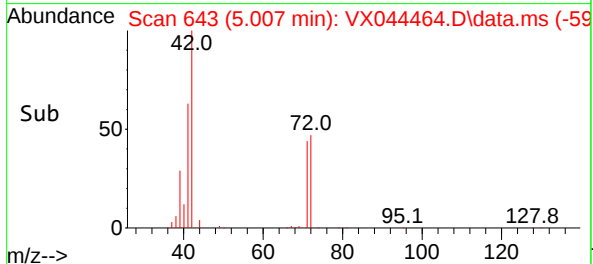
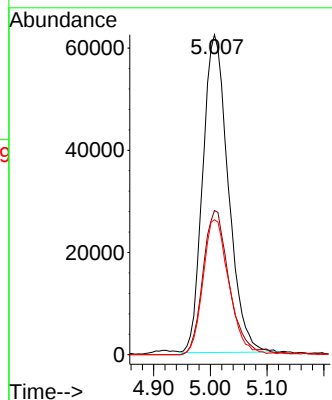
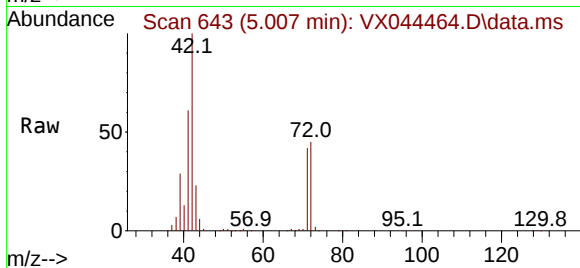
Tgt Ion: 42 Resp: 194494

Ion Ratio Lower Upper

42 100

72 46.1 37.0 55.6

71 43.4 33.6 50.4



#30

Chloroform

Concen: 45.189 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX044464.D

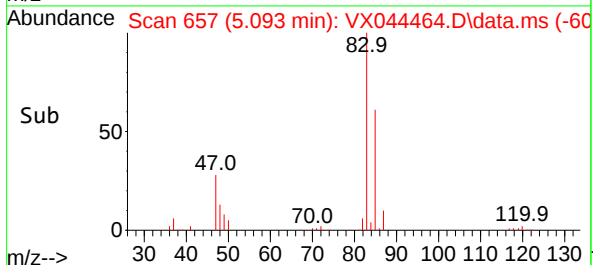
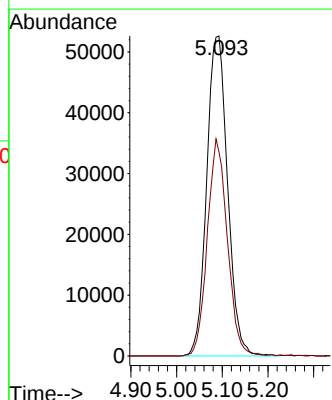
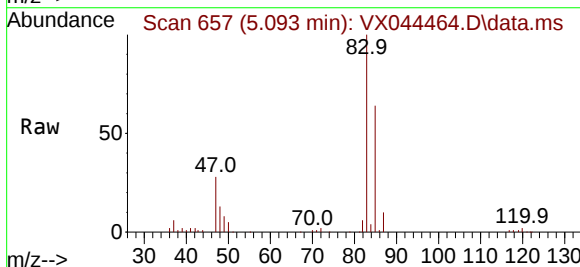
Acq: 20 Dec 2024 19:49

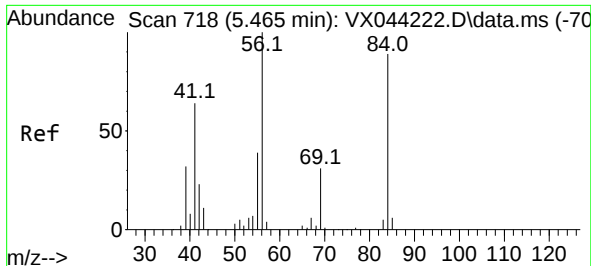
Tgt Ion: 83 Resp: 166909

Ion Ratio Lower Upper

83 100

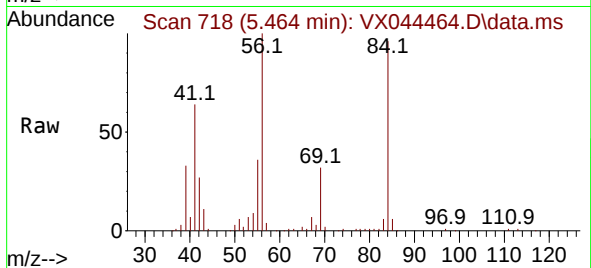
85 63.9 51.6 77.4



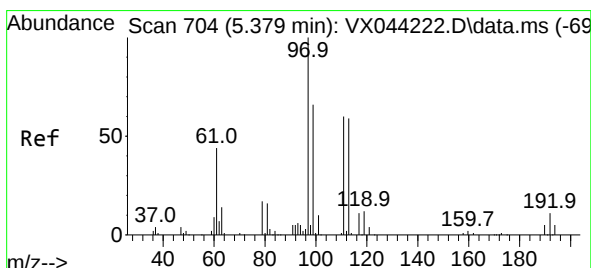
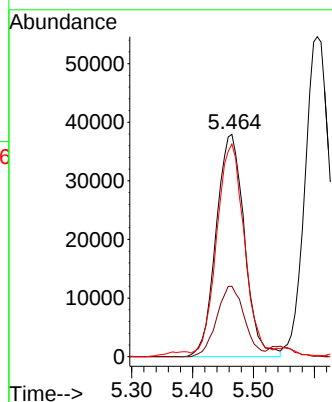
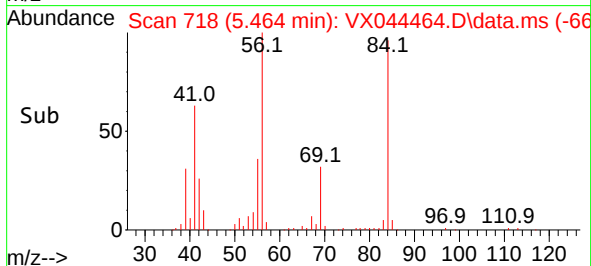


#31  
Cyclohexane  
Concen: 46.033 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

Instrument :  
MSVOA\_X  
ClientSampleId :

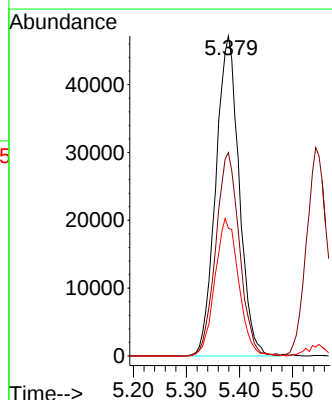
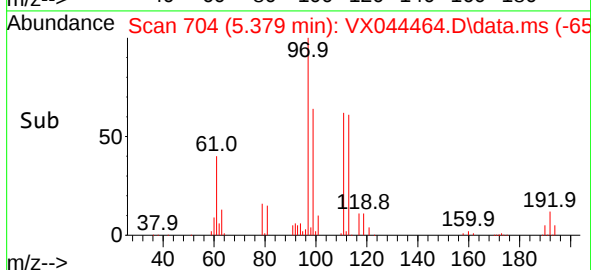
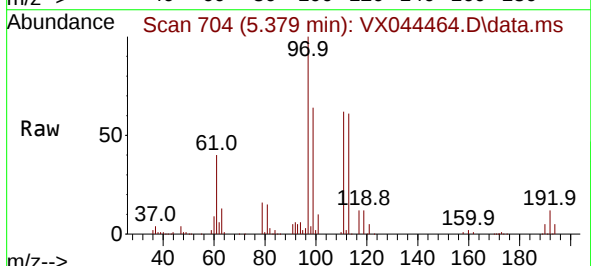


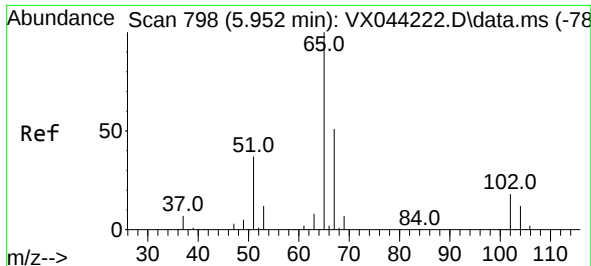
Tgt Ion: 56 Resp: 122203  
Ion Ratio Lower Upper  
56 100  
69 31.7 24.7 37.1  
84 93.5 71.0 106.6



#32  
1,1,1-Trichloroethane  
Concen: 47.095 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

Tgt Ion: 97 Resp: 144394  
Ion Ratio Lower Upper  
97 100  
99 64.3 50.8 76.2  
61 43.7 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 44.357 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

Instrument :

MSVOA\_X

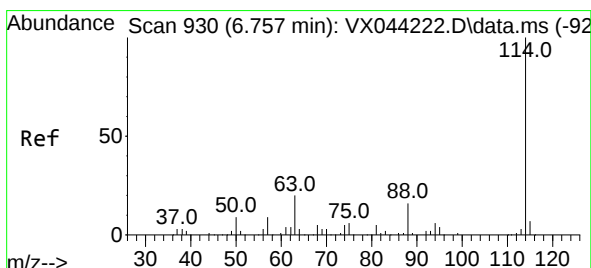
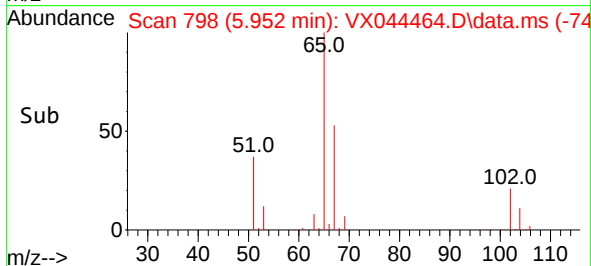
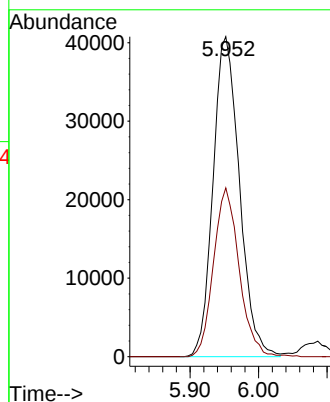
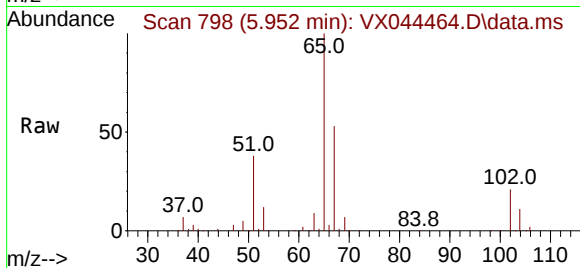
ClientSampleId :

Tgt Ion: 65 Resp: 109103

Ion Ratio Lower Upper

65 100

67 51.2 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

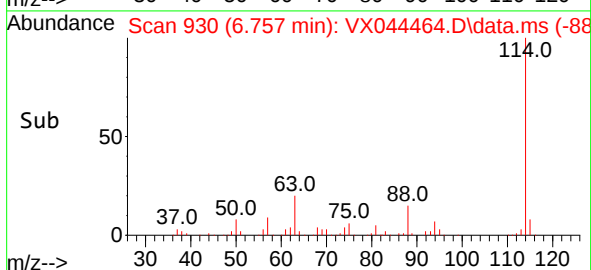
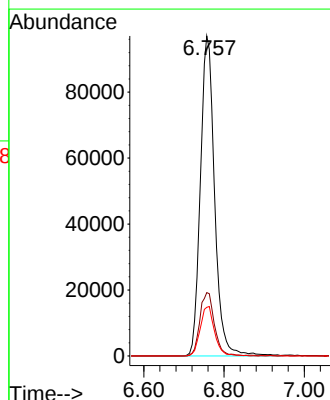
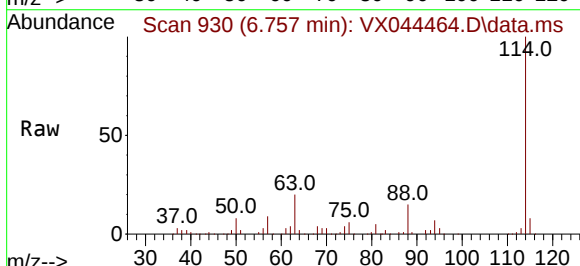
Tgt Ion: 114 Resp: 239068

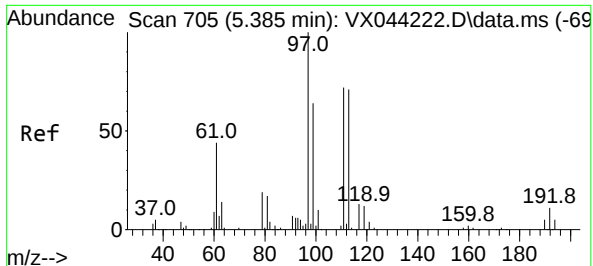
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.6

88 15.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.347 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

Instrument :

MSVOA\_X

ClientSampleId :

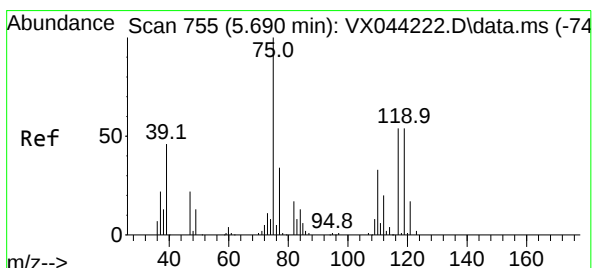
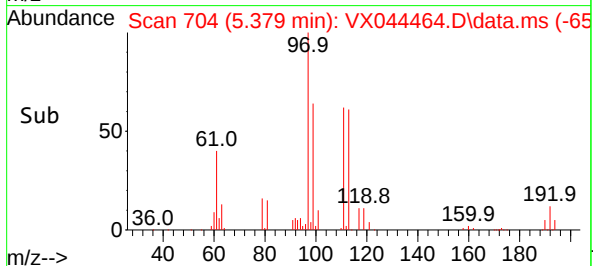
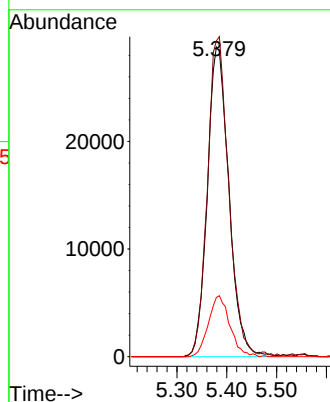
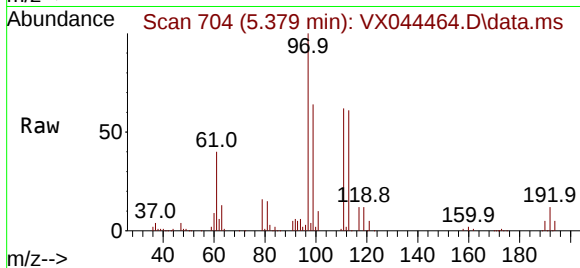
Tgt Ion:113 Resp: 86675

Ion Ratio Lower Upper

113 100

111 101.4 80.4 120.6

192 19.6 13.3 19.9



#36

1,1-Dichloropropene

Concen: 49.017 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

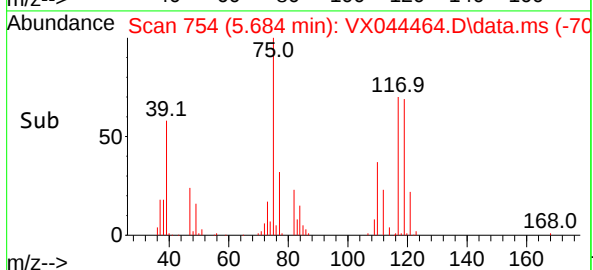
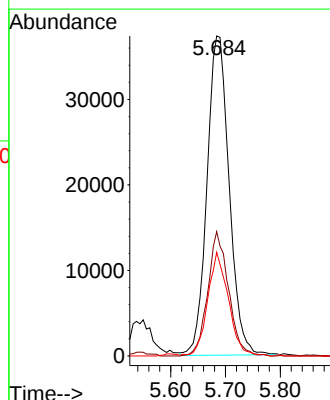
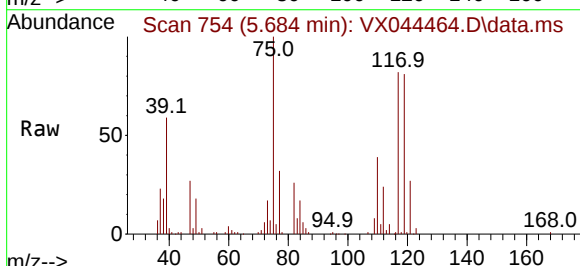
Tgt Ion: 75 Resp: 104911

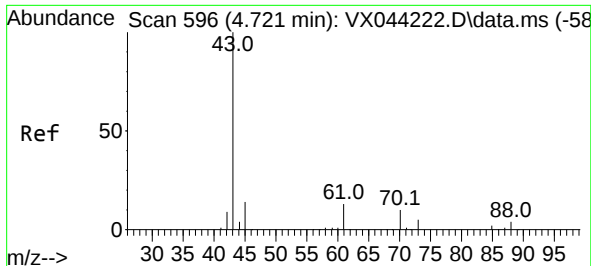
Ion Ratio Lower Upper

75 100

110 36.5 17.3 51.7

77 30.4 25.4 38.0





#37

Ethyl Acetate

Concen: 48.180 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

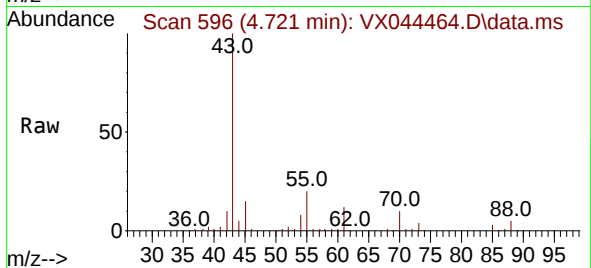
Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

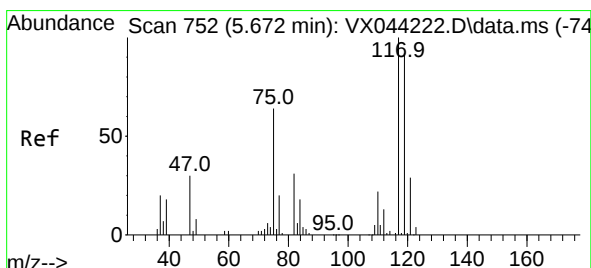
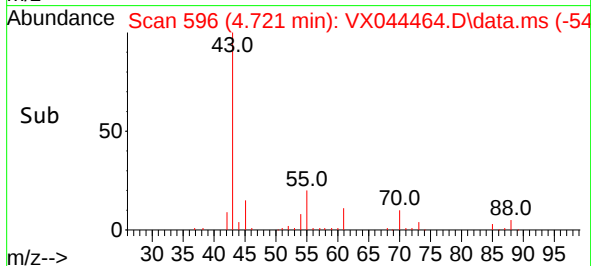
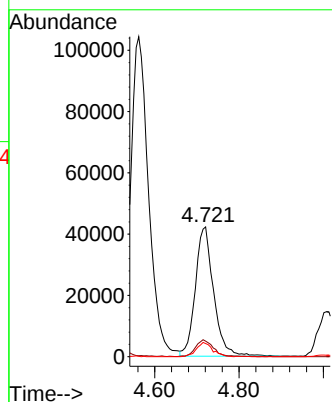
Instrument :

MSVOA\_X

ClientSampleId :



|             |              |
|-------------|--------------|
| Tgt Ion: 43 | Resp: 127468 |
| Ion Ratio   | Lower Upper  |
| 43 100      |              |
| 61 12.3     | 9.8 14.8     |
| 70 9.7      | 7.7 11.5     |



#38

Carbon Tetrachloride

Concen: 51.365 ug/l

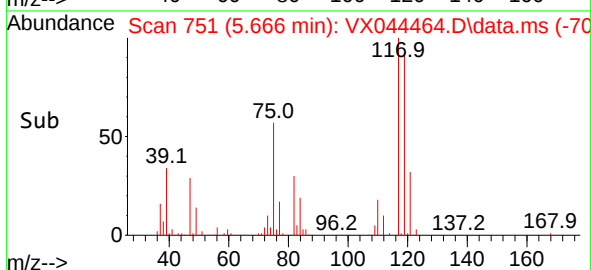
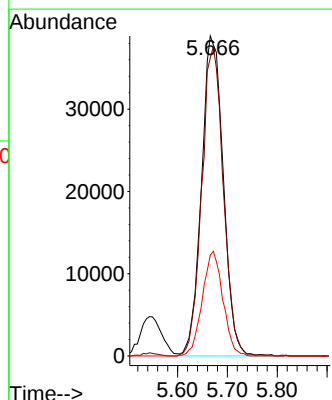
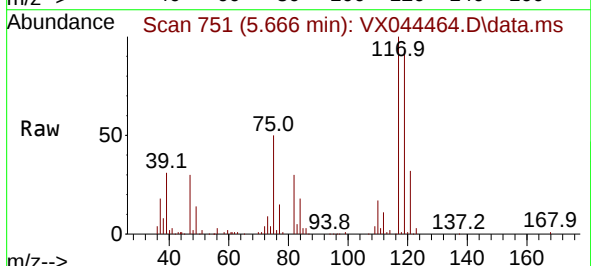
RT: 5.666 min Scan# 751

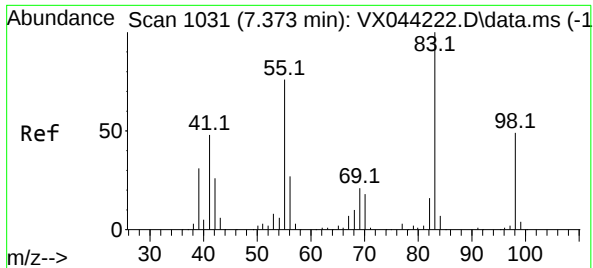
Delta R.T. -0.006 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

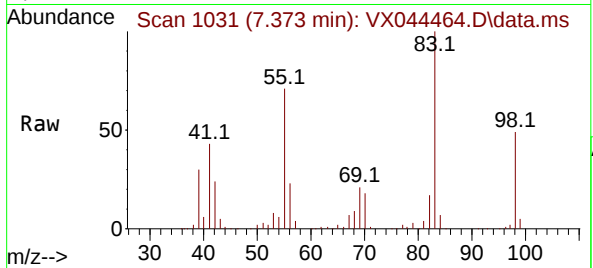
|             |       |        |       |
|-------------|-------|--------|-------|
| Tgt Ion:117 | Resp: | 118357 |       |
| Ion         | Ratio | Lower  | Upper |
| 117         | 100   |        |       |
| 119         | 93.0  | 74.2   | 111.4 |
| 121         | 31.5  | 23.0   | 34.6  |



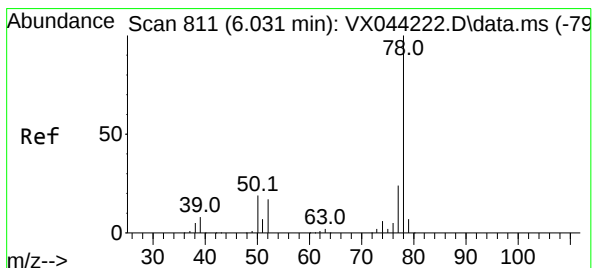
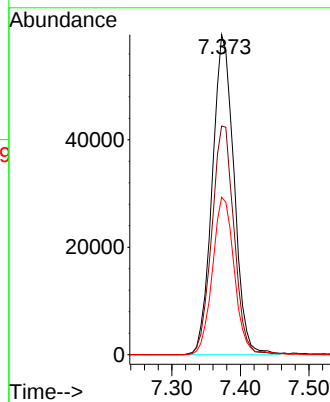
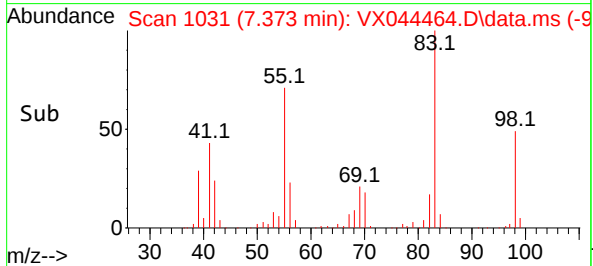


#39  
Methylcyclohexane  
Concen: 51.370 ug/l  
RT: 7.373 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

Instrument :  
MSVOA\_X  
ClientSampleId :

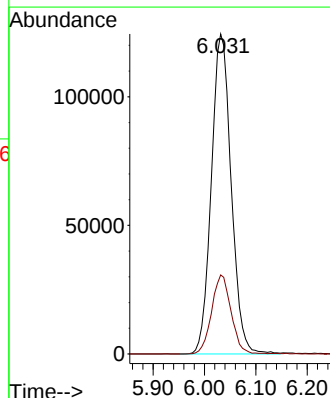
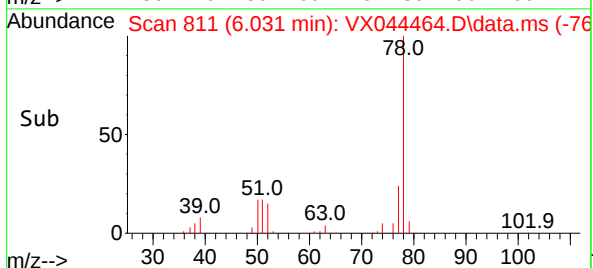
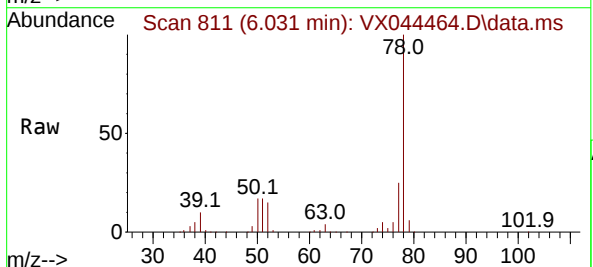


Tgt Ion: 83 Resp: 131438  
Ion Ratio Lower Upper  
83 100  
55 71.4 60.7 91.1  
98 49.2 38.9 58.3



#40  
Benzene  
Concen: 51.262 ug/l  
RT: 6.031 min Scan# 811  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

Tgt Ion: 78 Resp: 333117  
Ion Ratio Lower Upper  
78 100  
77 24.7 19.3 28.9



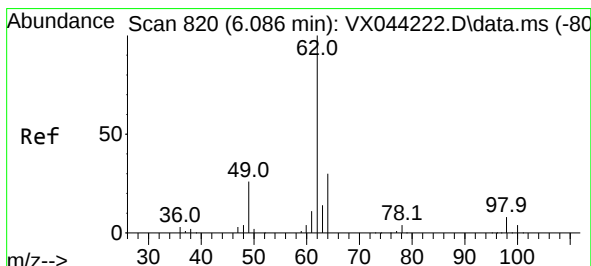
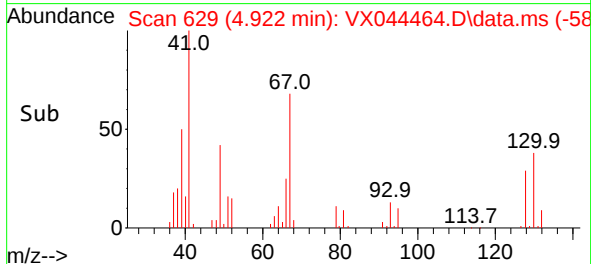
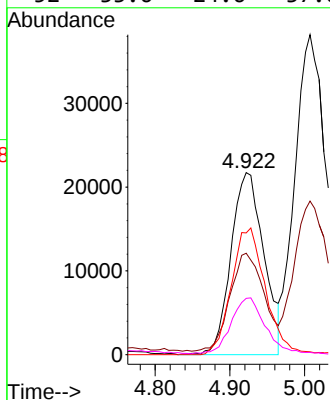
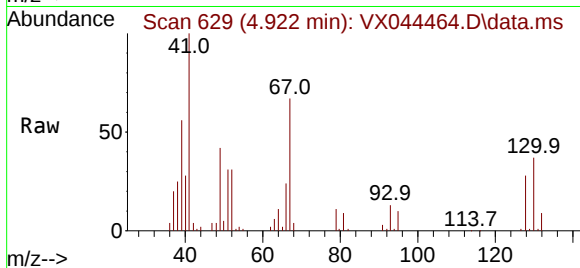


#41  
Methacrylonitrile  
Concen: 47.401 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 41 Resp: 66592

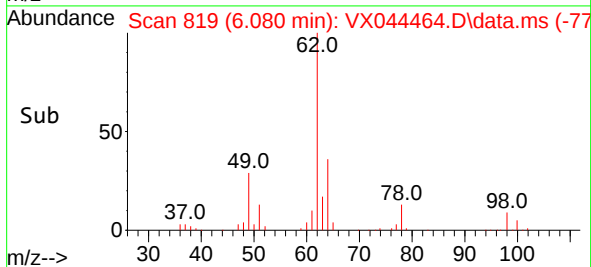
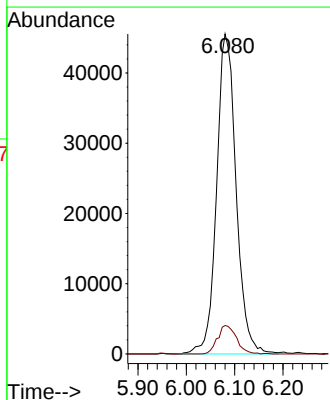
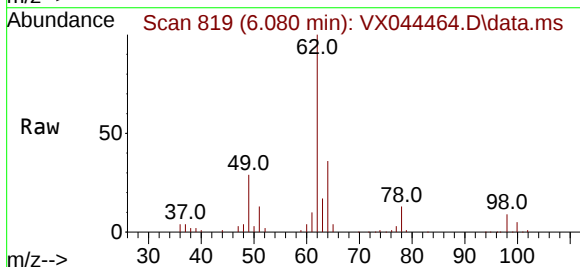
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 55.8  | 44.2  | 66.4  |
| 67  | 72.7  | 57.2  | 85.8  |
| 52  | 33.6  | 24.6  | 37.0  |

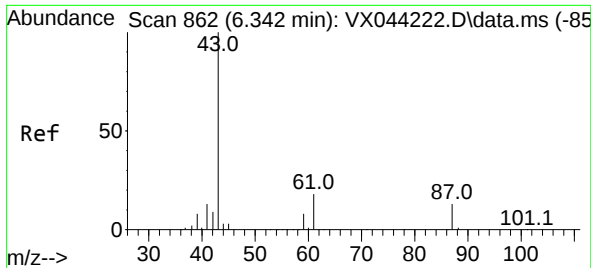


#42  
1,2-Dichloroethane  
Concen: 47.680 ug/l  
RT: 6.080 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

Tgt Ion: 62 Resp: 127634

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.6   | 0.0   | 15.8  |





#43

Isopropyl Acetate

Concen: 48.047 ug/l

RT: 6.342 min Scan# 80

Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

Instrument :

MSVOA\_X

ClientSampleId :

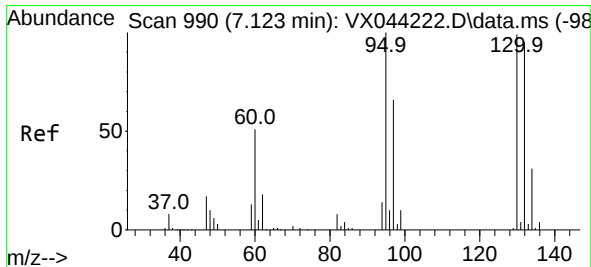
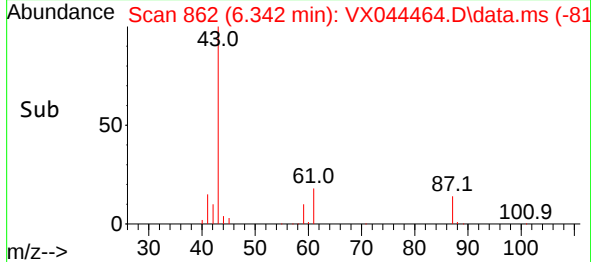
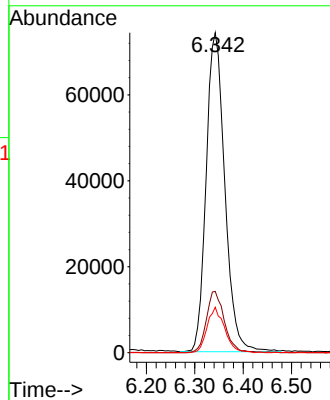
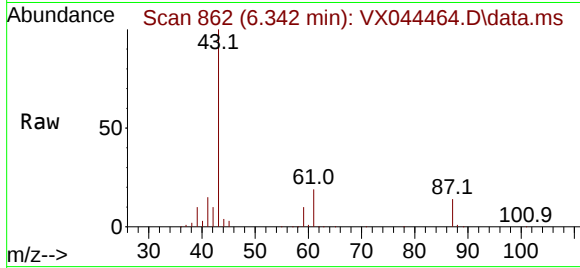
Tgt Ion: 43 Resp: 198680

Ion Ratio Lower Upper

43 100

61 18.6 14.2 21.2

87 13.3 10.2 15.2



#44

Trichloroethene

Concen: 53.083 ug/l

RT: 7.117 min Scan# 989

Delta R.T. -0.006 min

Lab File: VX044464.D

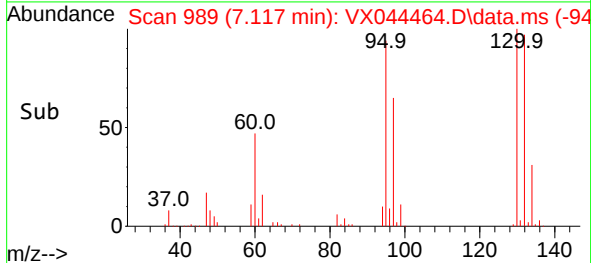
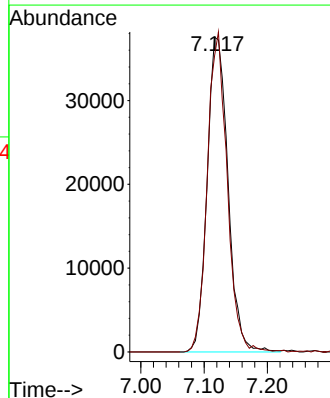
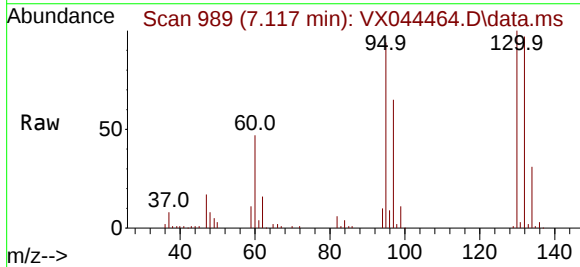
Acq: 20 Dec 2024 19:49

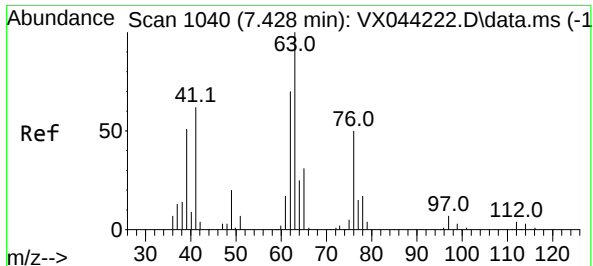
Tgt Ion:130 Resp: 86021

Ion Ratio Lower Upper

130 100

95 94.1 0.0 201.4





#45

1,2-Dichloropropane

Concen: 49.622 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

Instrument :

MSVOA\_X

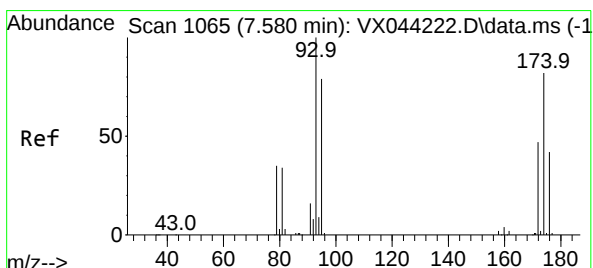
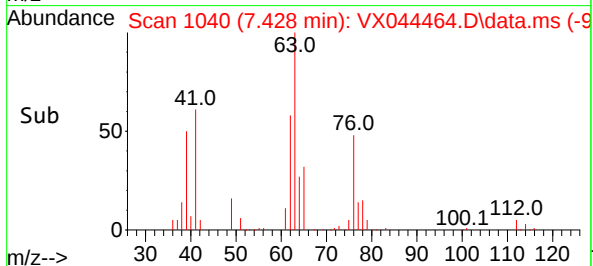
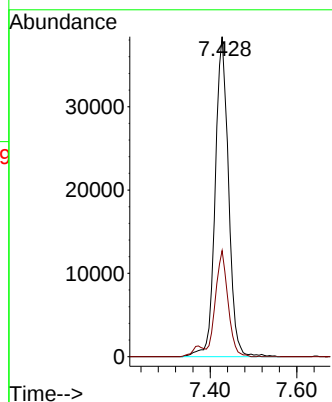
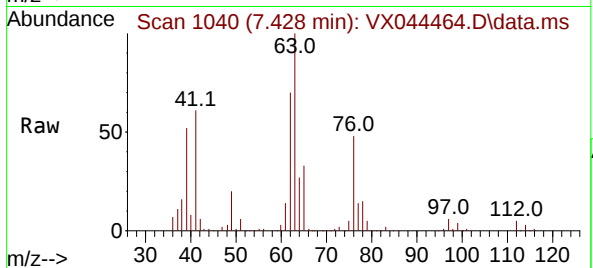
ClientSampleId :

Tgt Ion: 63 Resp: 82383

Ion Ratio Lower Upper

63 100

65 33.1 24.6 37.0



#46

Dibromomethane

Concen: 51.184 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

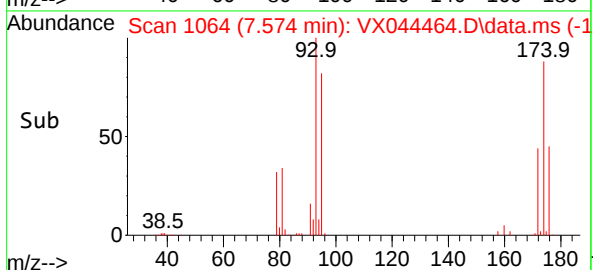
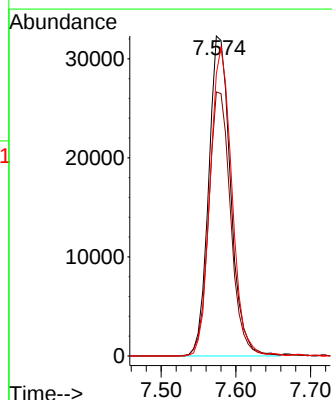
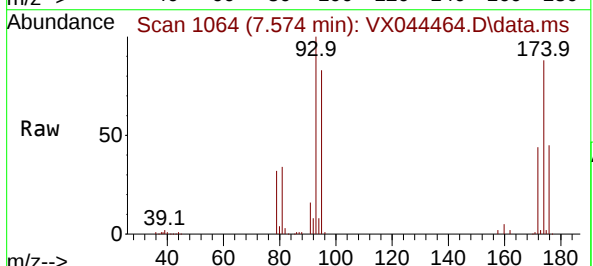
Tgt Ion: 93 Resp: 65924

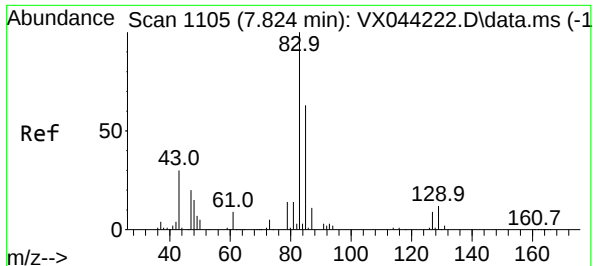
Ion Ratio Lower Upper

93 100

95 82.6 65.4 98.2

174 95.5 67.9 101.9

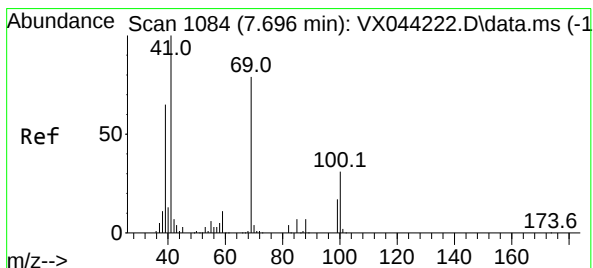
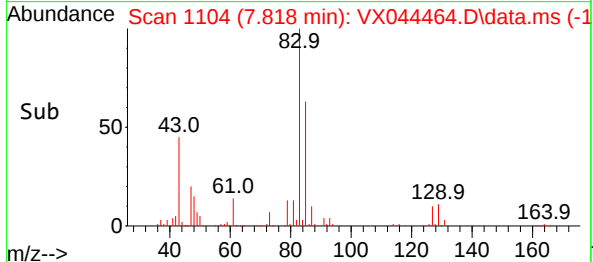
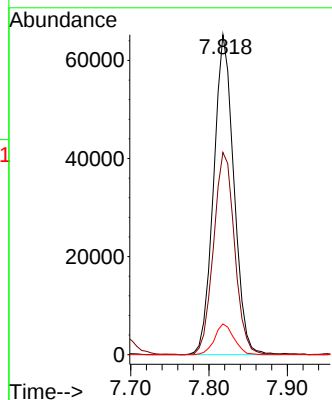
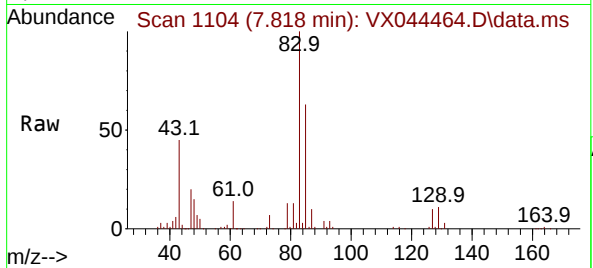




#47  
Bromodichloromethane  
Concen: 52.723 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

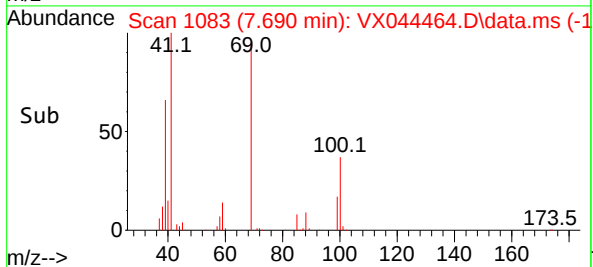
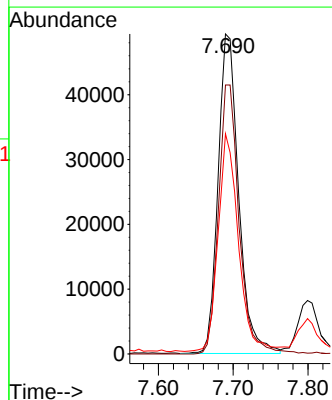
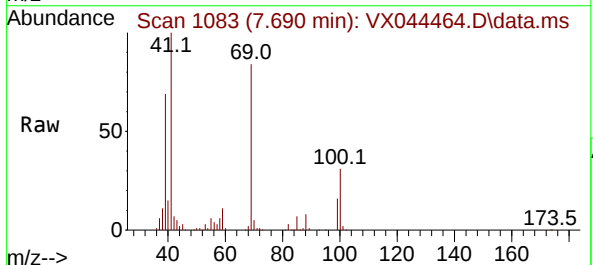
Instrument :  
MSVOA\_X  
ClientSampleId :

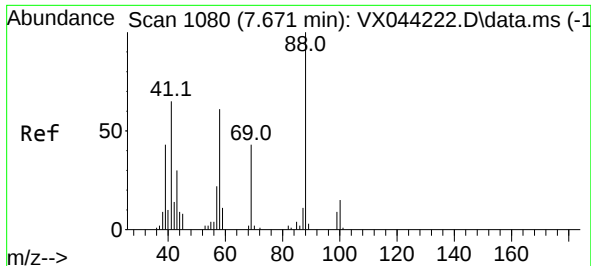
Tgt Ion: 83 Resp: 117278  
Ion Ratio Lower Upper  
83 100  
85 63.2 50.6 75.8  
127 9.6 7.3 10.9



#48  
Methyl methacrylate  
Concen: 47.115 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. -0.006 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

Tgt Ion: 41 Resp: 94575  
Ion Ratio Lower Upper  
41 100  
69 84.6 62.4 93.6  
39 66.9 53.3 79.9





#49

1,4-Dioxane

Concen: 1003.530 ug/l

RT: 7.659 min Scan# 1

Delta R.T. -0.012 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

Instrument :

MSVOA\_X

ClientSampleId :

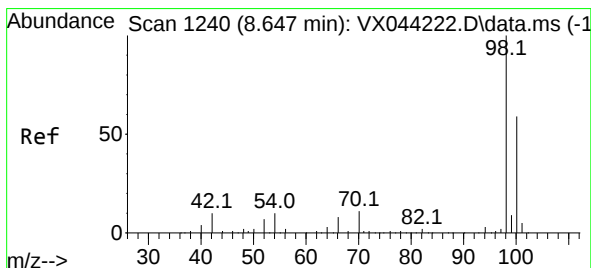
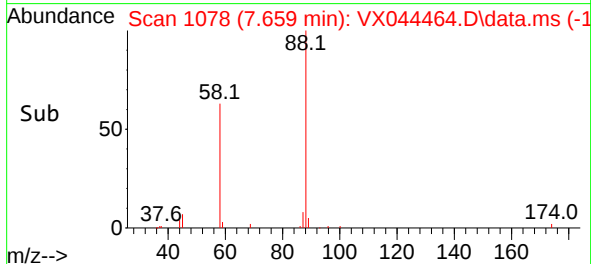
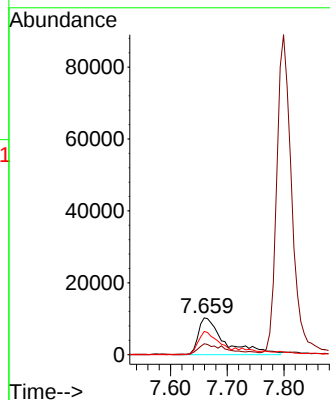
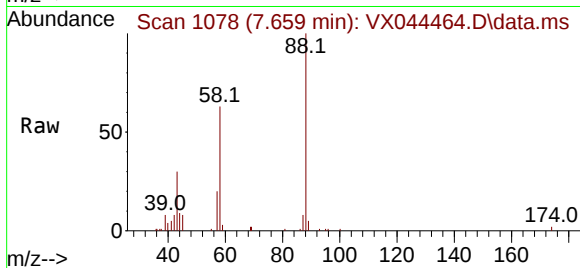
Tgt Ion: 88 Resp: 33398

Ion Ratio Lower Upper

88 100

43 27.8 27.1 40.7

58 48.6 41.0 61.4



#50

Toluene-d8

Concen: 51.923 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX044464.D

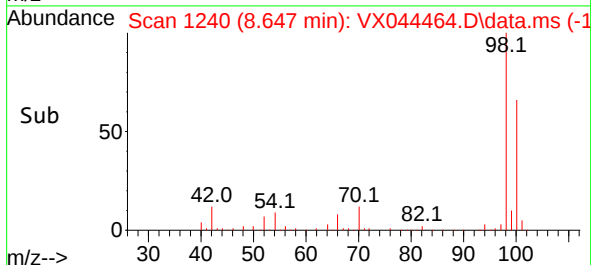
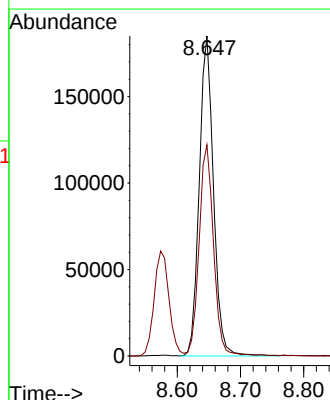
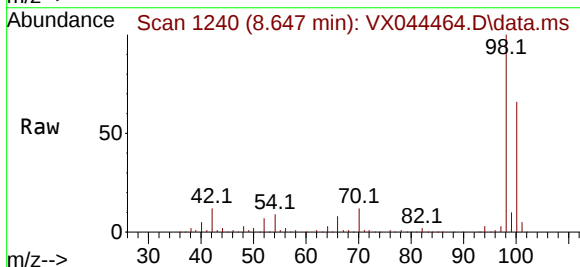
Acq: 20 Dec 2024 19:49

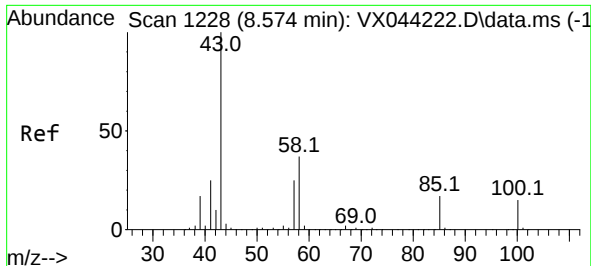
Tgt Ion: 98 Resp: 290046

Ion Ratio Lower Upper

98 100

100 66.0 51.5 77.3

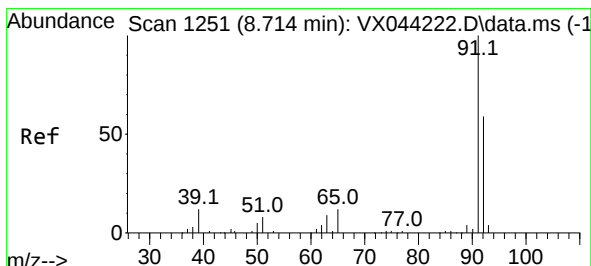
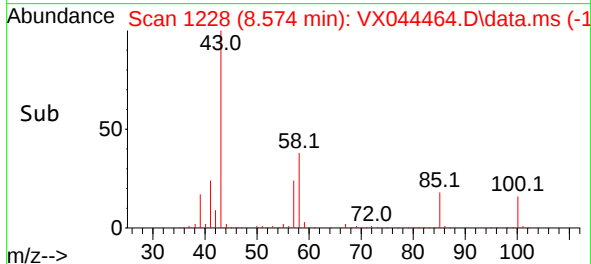
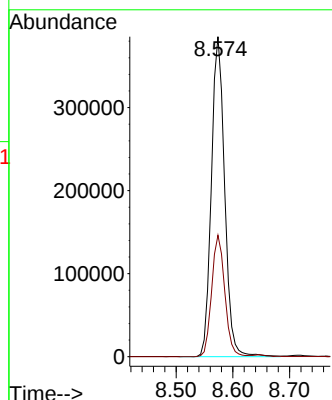
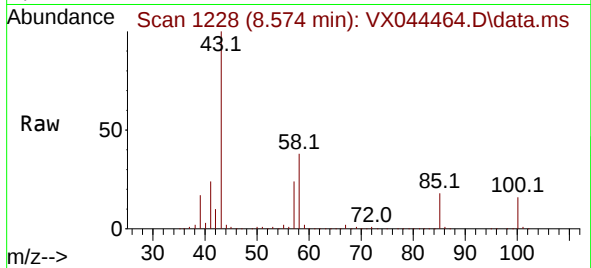




#51  
4-Methyl-2-Pentanone  
Concen: 235.413 ug/l  
RT: 8.574 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

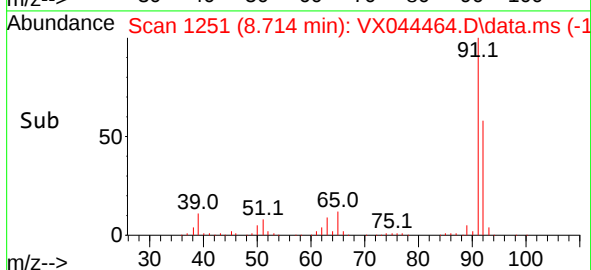
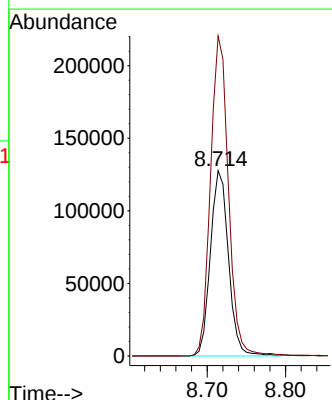
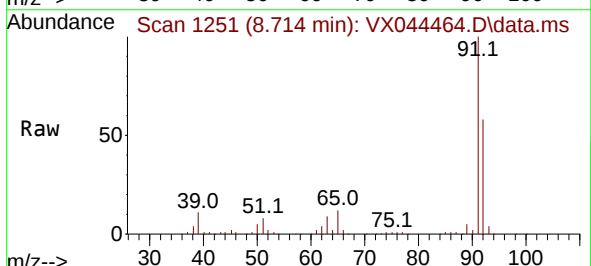
Instrument :  
MSVOA\_X  
ClientSampleId :

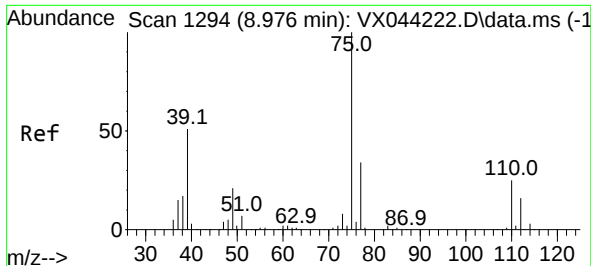
Tgt Ion: 43 Resp: 625919  
Ion Ratio Lower Upper  
43 100  
58 37.5 29.4 44.0



#52  
Toluene  
Concen: 50.071 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

Tgt Ion: 92 Resp: 204328  
Ion Ratio Lower Upper  
92 100  
91 171.3 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 48.388 ug/l

RT: 8.976 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

Instrument :

MSVOA\_X

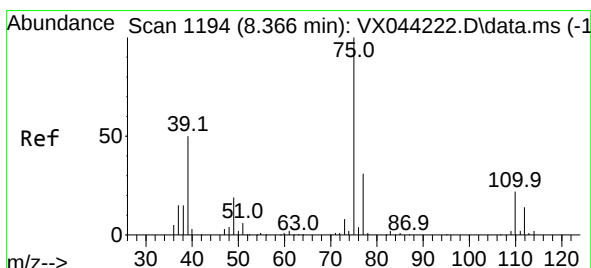
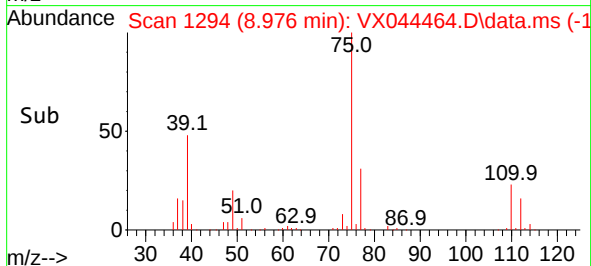
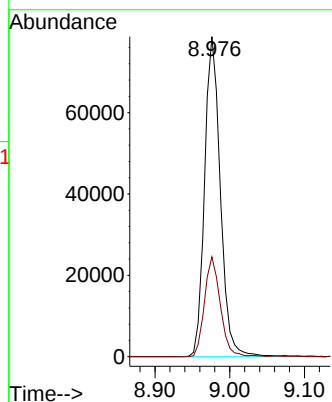
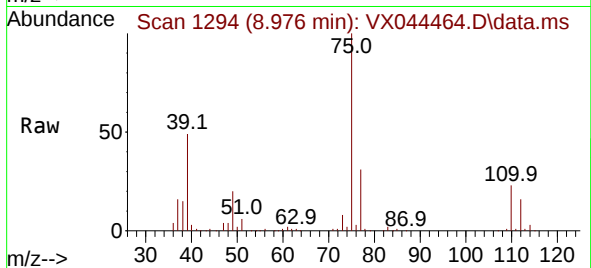
ClientSampleId :

Tgt Ion: 75 Resp: 115268

Ion Ratio Lower Upper

75 100

77 31.2 27.2 40.8



#54

cis-1,3-Dichloropropene

Concen: 52.437 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

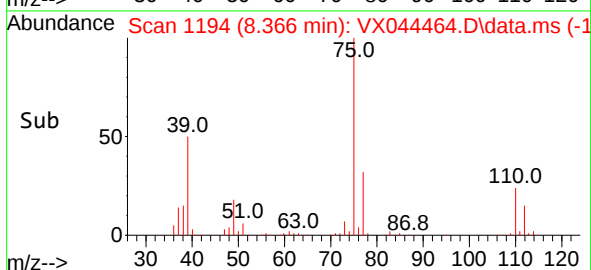
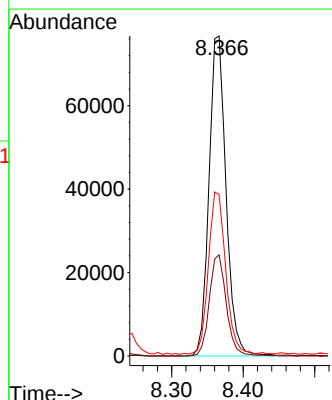
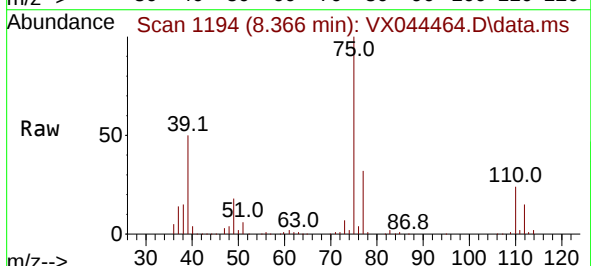
Tgt Ion: 75 Resp: 127004

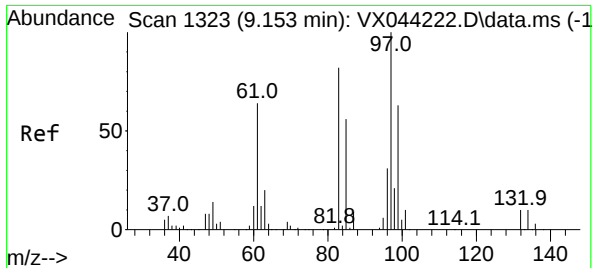
Ion Ratio Lower Upper

75 100

77 31.6 24.7 37.1

39 50.0 40.3 60.5



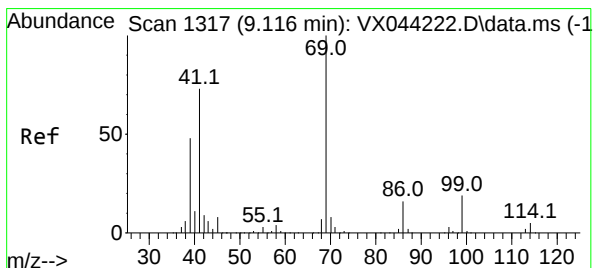
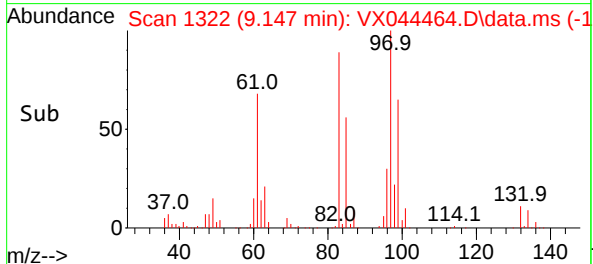
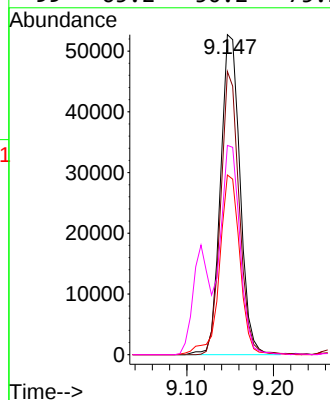
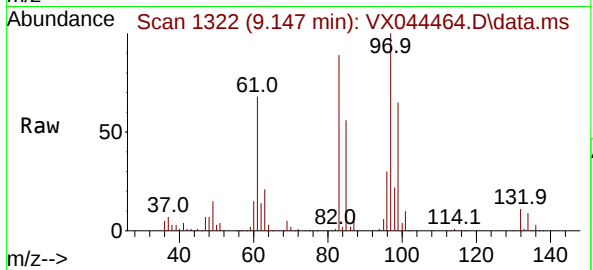


#55  
 1,1,2-Trichloroethane  
 Concen: 50.814 ug/l  
 RT: 9.147 min Scan# 1322  
 Delta R.T. -0.006 min  
 Lab File: VX044464.D  
 Acq: 20 Dec 2024 19:49

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion: 97 Resp: 82378

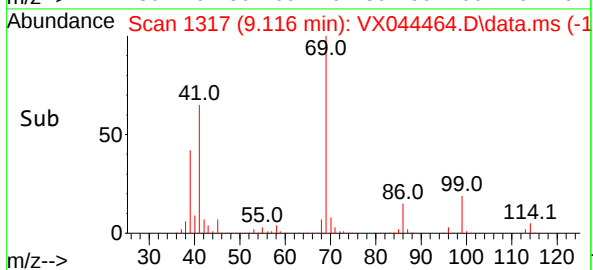
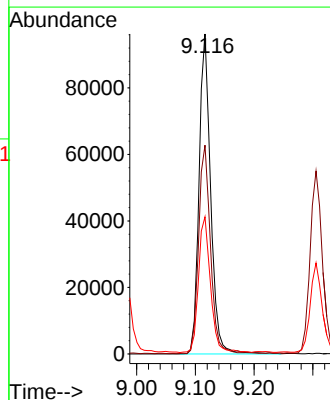
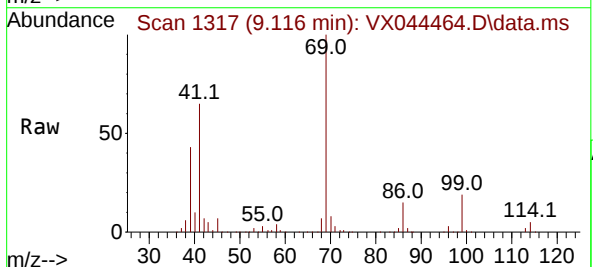
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 88.5  | 65.3  | 97.9  |
| 85  | 56.0  | 44.6  | 67.0  |
| 99  | 65.2  | 50.2  | 75.2  |

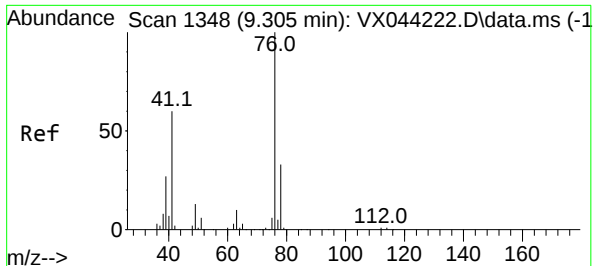


#56  
 Ethyl methacrylate  
 Concen: 51.516 ug/l  
 RT: 9.116 min Scan# 1317  
 Delta R.T. -0.000 min  
 Lab File: VX044464.D  
 Acq: 20 Dec 2024 19:49

Tgt Ion: 69 Resp: 131845

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 66.5  | 56.6  | 85.0  |
| 39  | 43.7  | 37.4  | 56.0  |





#57

1,3-Dichloropropane

Concen: 49.799 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

Instrument :

MSVOA\_X

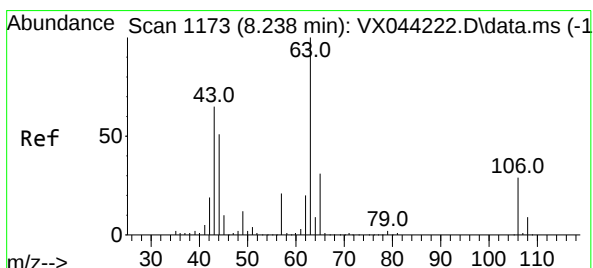
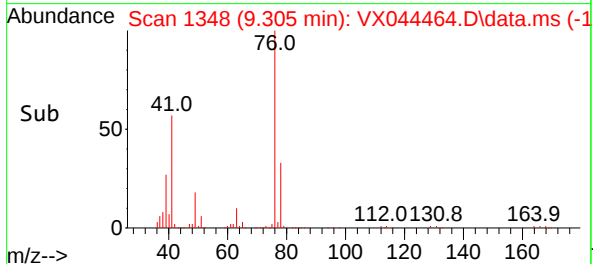
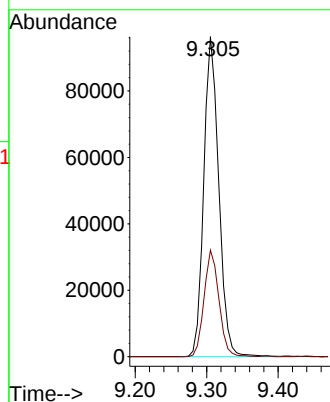
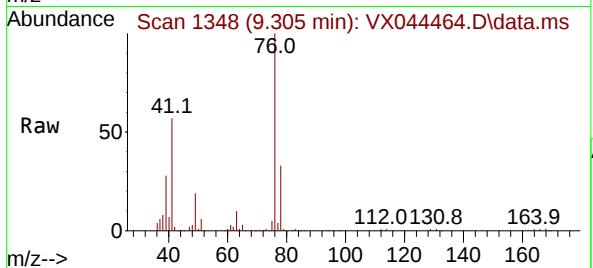
ClientSampleId :

Tgt Ion: 76 Resp: 140522

Ion Ratio Lower Upper

76 100

78 33.0 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 243.652 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX044464.D

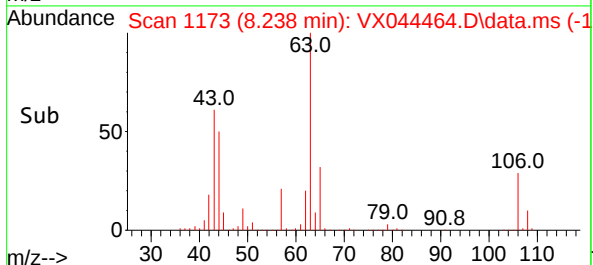
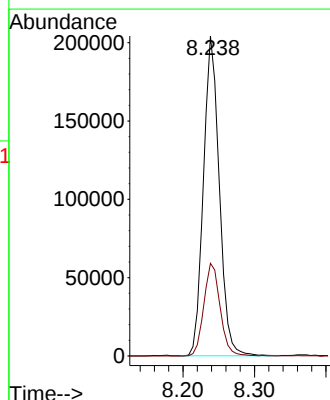
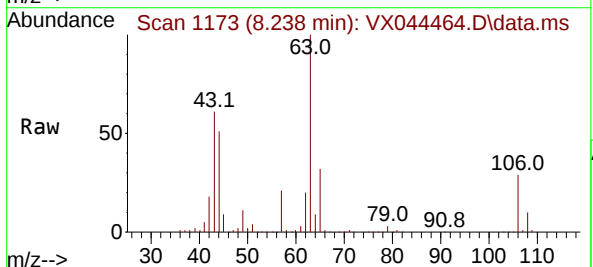
Acq: 20 Dec 2024 19:49

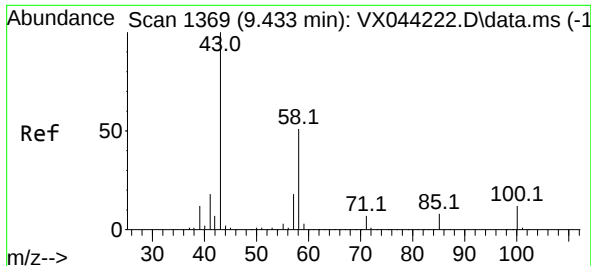
Tgt Ion: 63 Resp: 314516

Ion Ratio Lower Upper

63 100

106 29.8 22.8 34.2

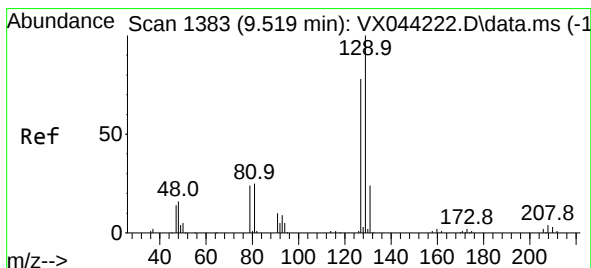
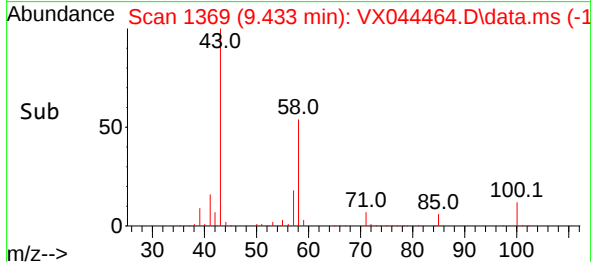
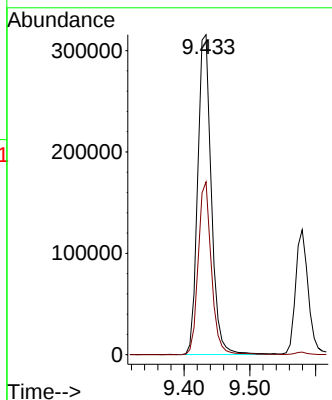
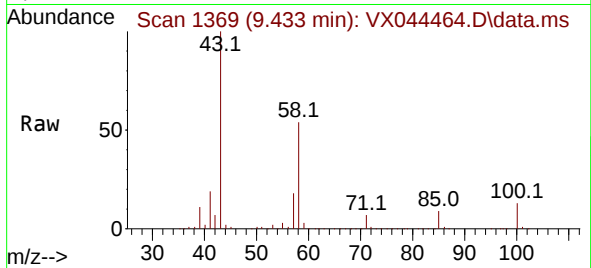




#59  
2-Hexanone  
Concen: 236.376 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

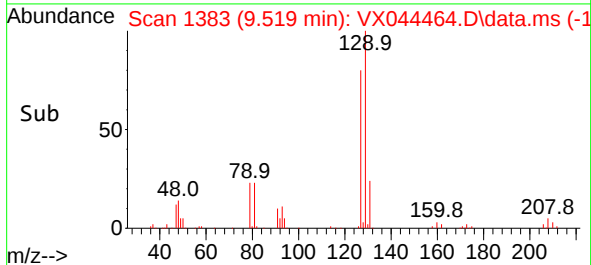
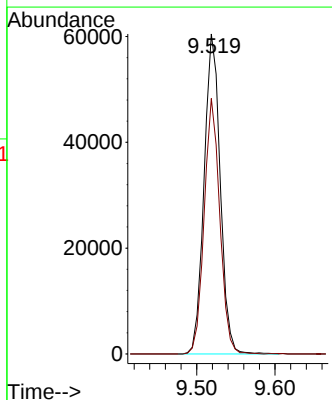
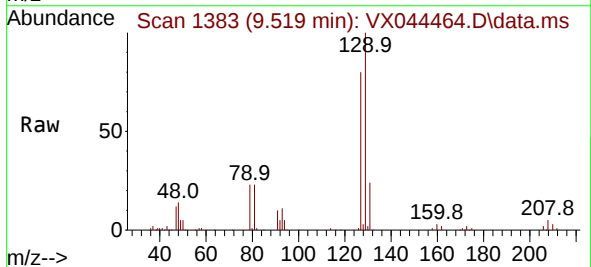
Instrument :  
MSVOA\_X  
ClientSampleId :

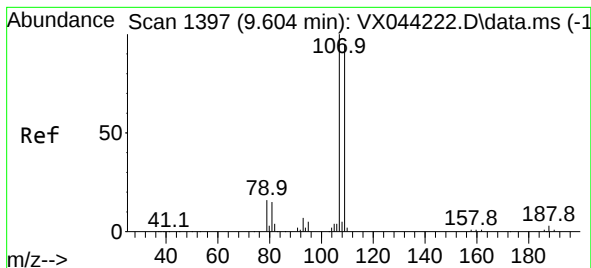
Tgt Ion: 43 Resp: 454909  
Ion Ratio Lower Upper  
43 100  
58 52.3 25.7 77.0



#60  
Dibromochloromethane  
Concen: 50.206 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

Tgt Ion:129 Resp: 86219  
Ion Ratio Lower Upper  
129 100  
127 77.4 38.5 115.3

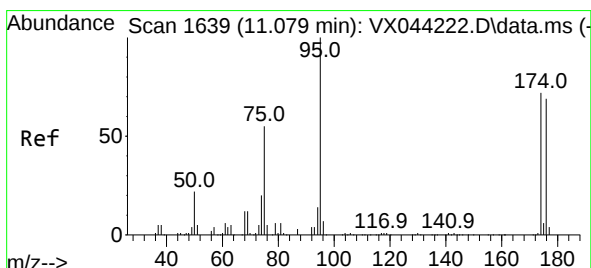
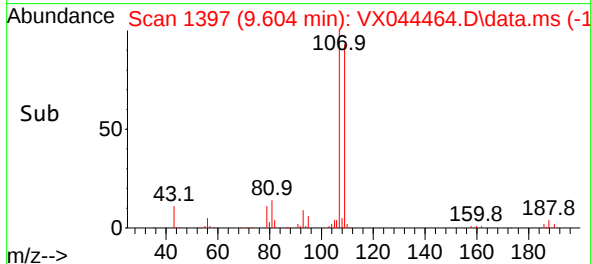
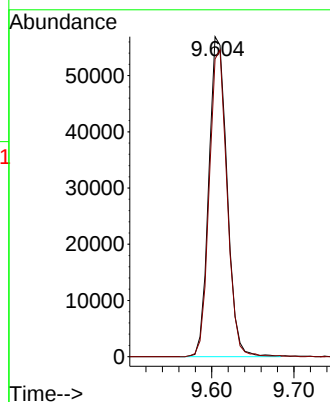
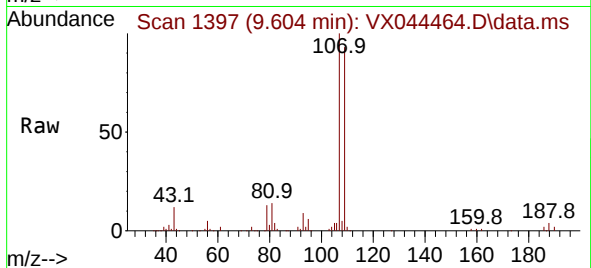




#61  
1,2-Dibromoethane  
Concen: 53.053 ug/l  
RT: 9.604 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

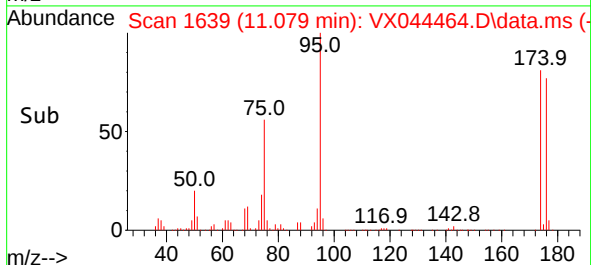
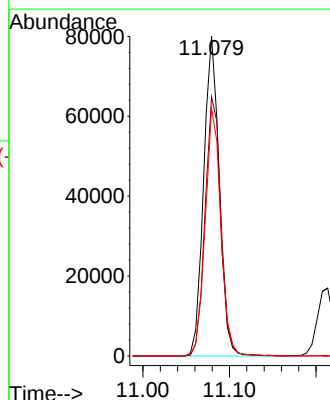
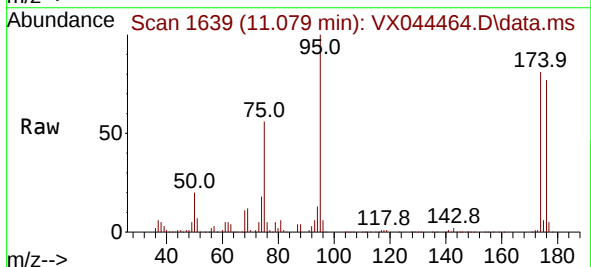
Instrument :  
MSVOA\_X  
ClientSampleId :

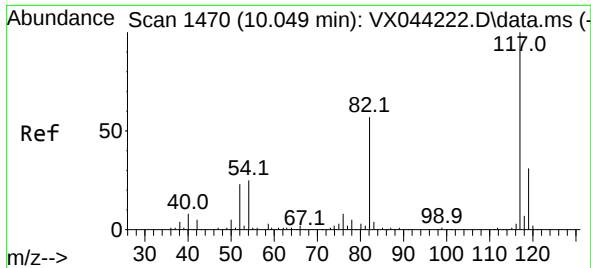
Tgt Ion:107 Resp: 87547  
Ion Ratio Lower Upper  
107 100  
109 94.1 77.0 115.4



#62  
4-Bromofluorobenzene  
Concen: 51.161 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

Tgt Ion: 95 Resp: 99862  
Ion Ratio Lower Upper  
95 100  
174 83.0 0.0 145.8  
176 77.6 0.0 137.8

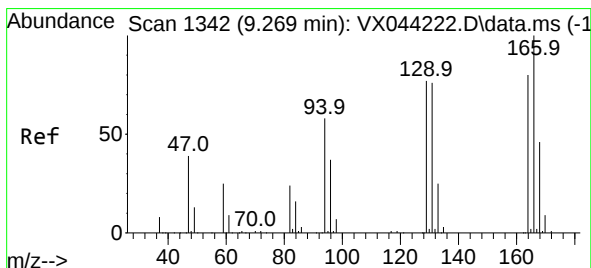
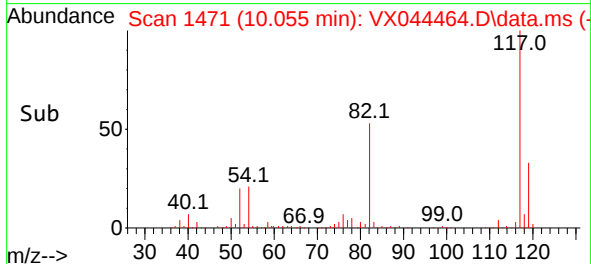
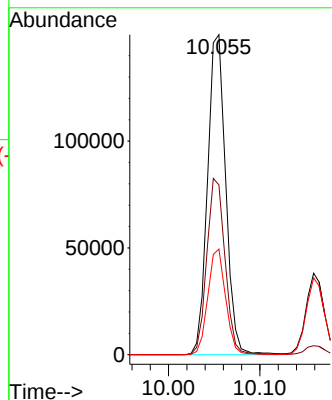
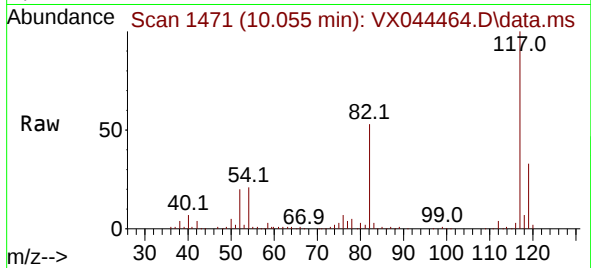




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1470  
Delta R.T. 0.006 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

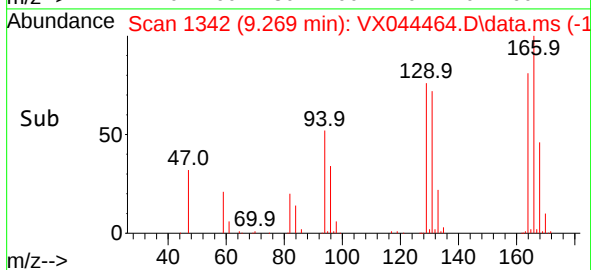
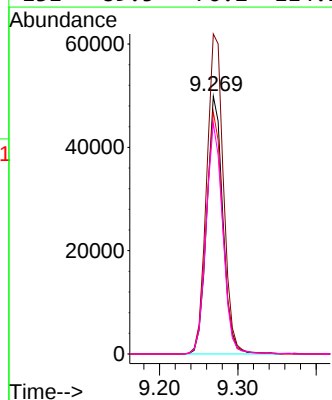
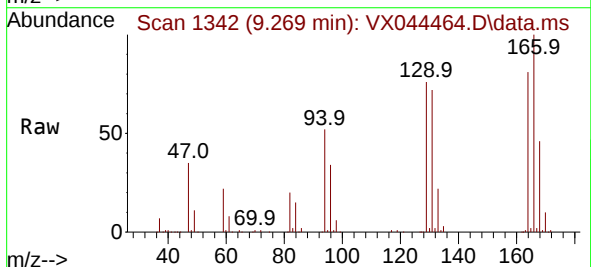
Instrument :  
MSVOA\_X  
ClientSampleId :

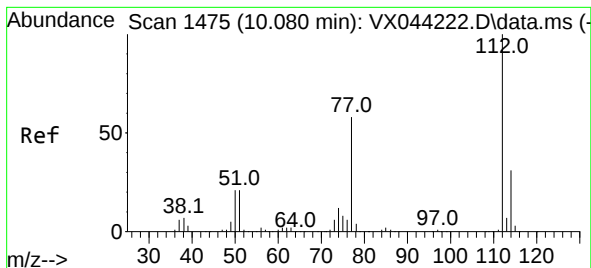
Tgt Ion:117 Resp: 206477  
Ion Ratio Lower Upper  
117 100  
82 53.0 45.8 68.8  
119 33.0 25.0 37.4



#64  
Tetrachloroethene  
Concen: 51.727 ug/l  
RT: 9.269 min Scan# 1342  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

Tgt Ion:164 Resp: 70888  
Ion Ratio Lower Upper  
164 100  
166 124.1 100.4 150.6  
129 93.8 77.2 115.8  
131 89.5 76.2 114.2





#65

Chlorobenzene

Concen: 51.056 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

Instrument :

MSVOA\_X

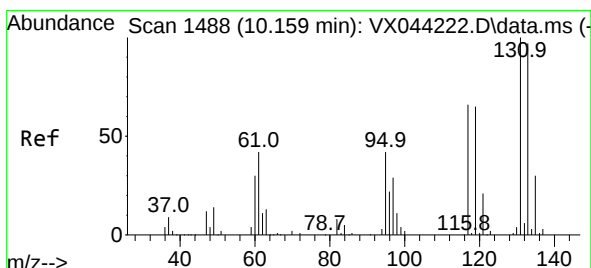
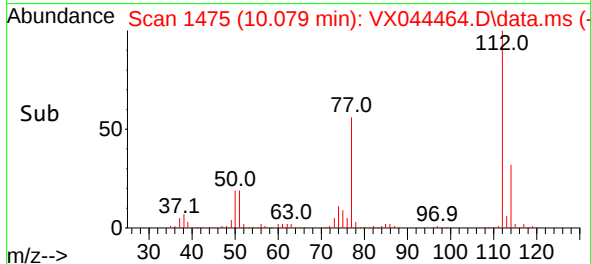
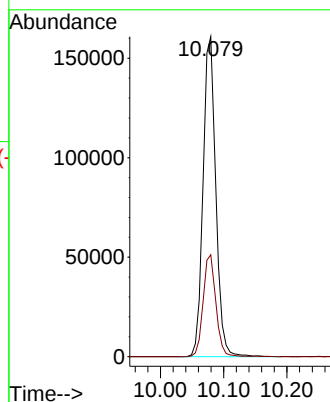
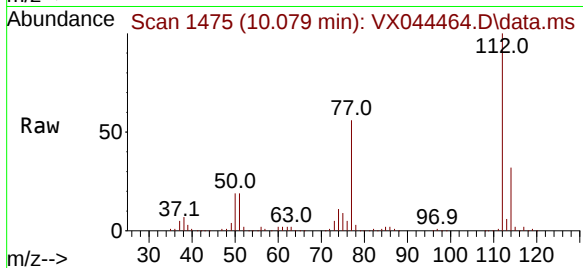
ClientSampleId :

Tgt Ion:112 Resp: 225888

Ion Ratio Lower Upper

112 100

114 31.8 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 55.601 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

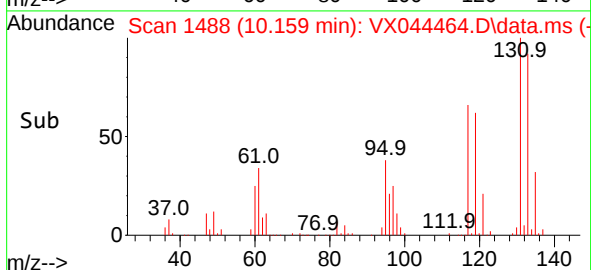
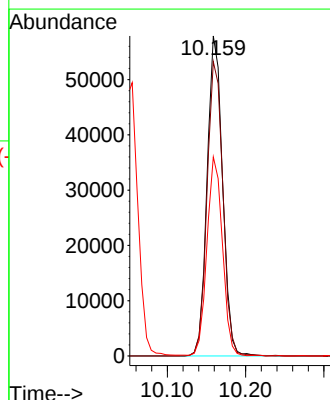
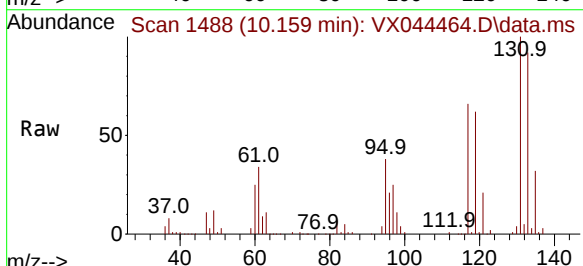
Tgt Ion:131 Resp: 79060

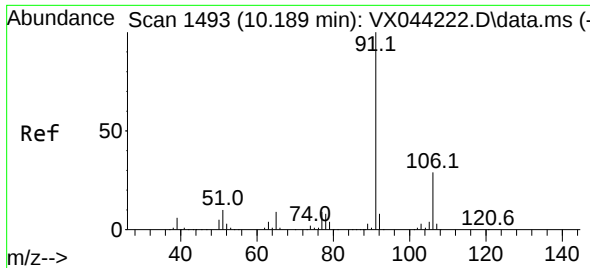
Ion Ratio Lower Upper

131 100

133 94.3 47.3 141.8

119 62.0 31.6 95.0

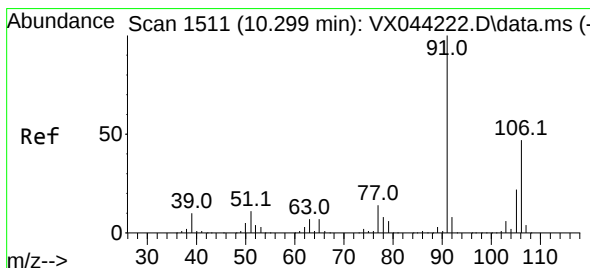
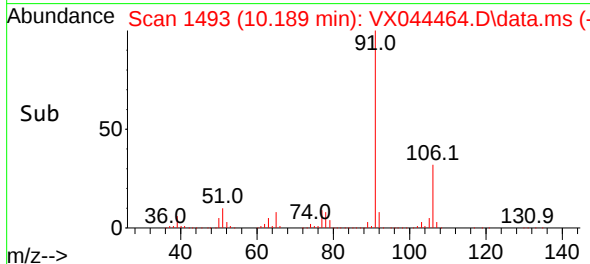
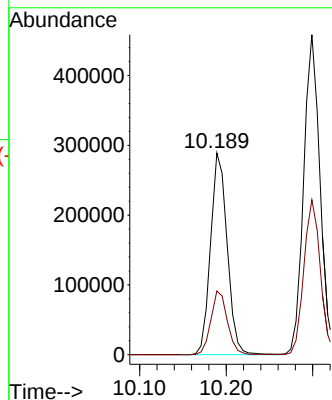
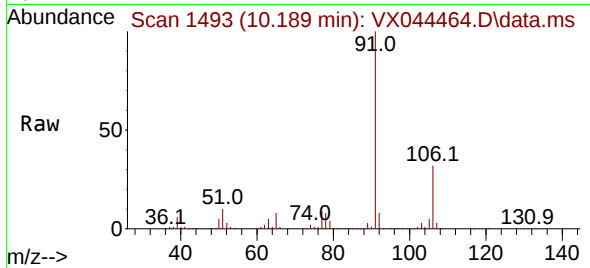




#67  
Ethyl Benzene  
Concen: 50.462 ug/l  
RT: 10.189 min Scan# 1493  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

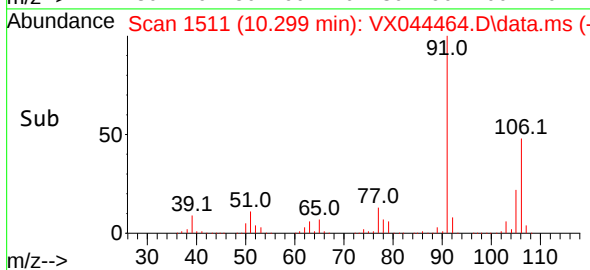
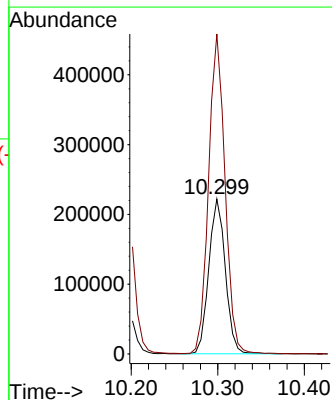
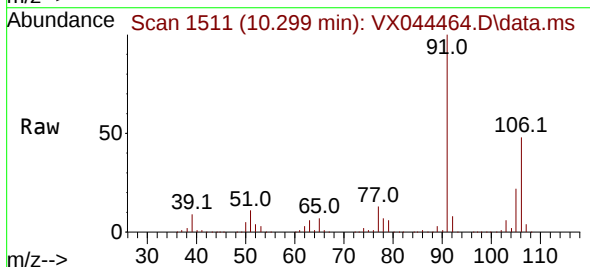
Instrument :  
MSVOA\_X  
ClientSampleId :

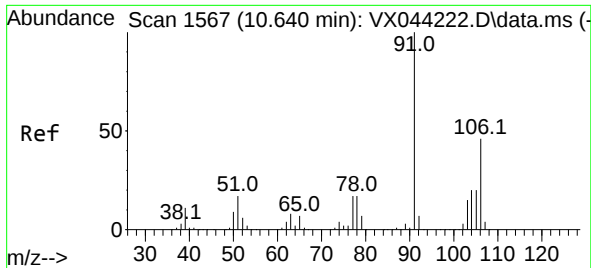
Tgt Ion: 91 Resp: 385756  
Ion Ratio Lower Upper  
91 100  
106 31.6 23.5 35.3



#68  
m/p-Xylenes  
Concen: 105.028 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

Tgt Ion:106 Resp: 294612  
Ion Ratio Lower Upper  
106 100  
91 205.2 170.2 255.2

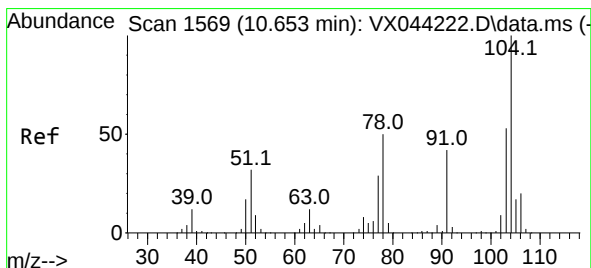
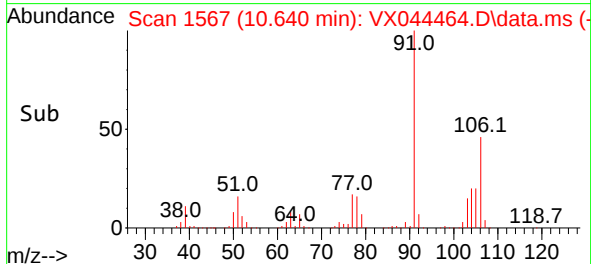
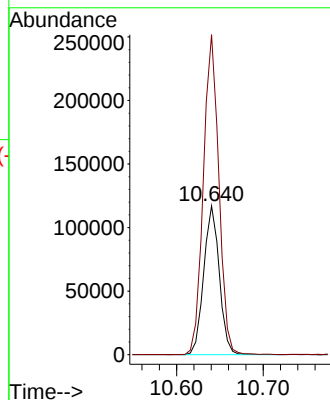
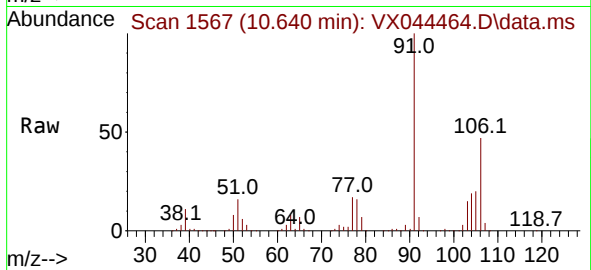




#69  
o-Xylene  
Concen: 51.494 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

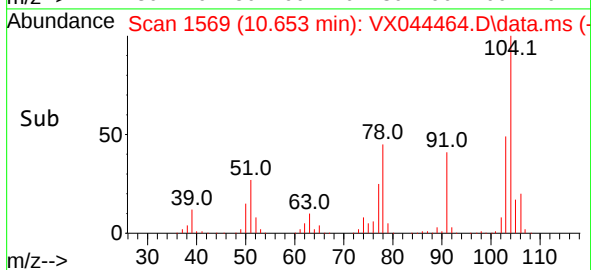
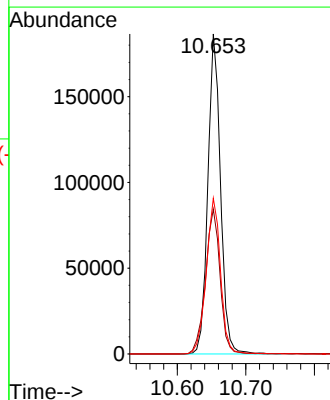
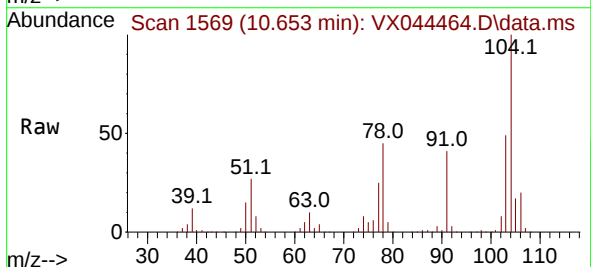
Instrument :  
MSVOA\_X  
ClientSampleId :

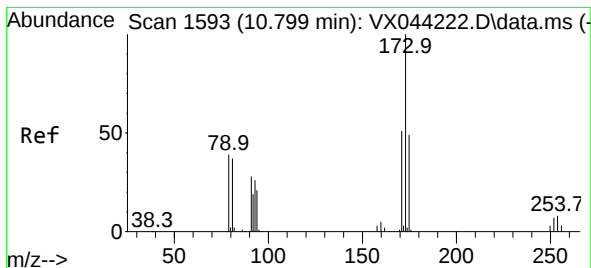
Tgt Ion:106 Resp: 146149  
Ion Ratio Lower Upper  
106 100  
91 213.9 112.3 337.0



#70  
Styrene  
Concen: 52.761 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

Tgt Ion:104 Resp: 240058  
Ion Ratio Lower Upper  
104 100  
78 52.3 44.6 67.0  
103 55.0 45.4 68.0





#71

Bromoform

Concen: 51.900 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

Instrument :

MSVOA\_X

ClientSampleId :

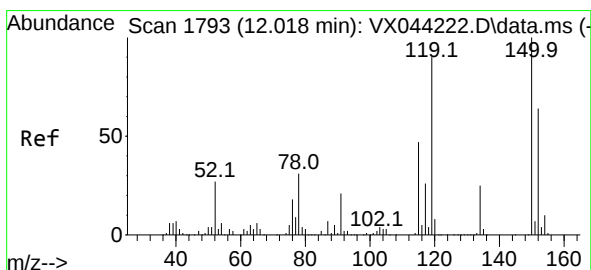
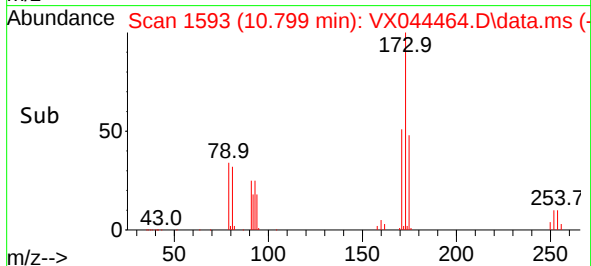
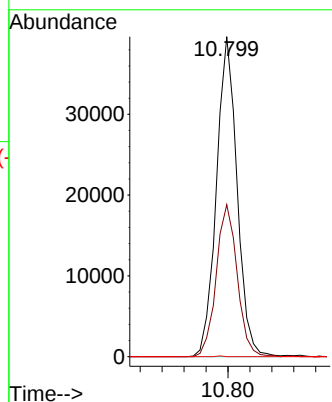
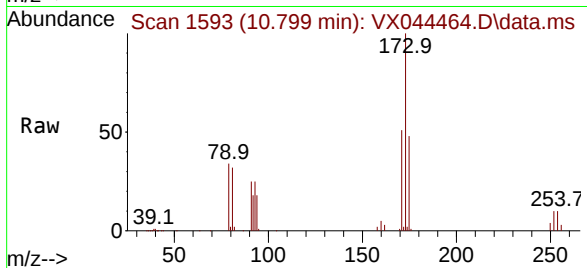
Tgt Ion:173 Resp: 51823

Ion Ratio Lower Upper

173 100

175 48.4 23.8 71.4

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

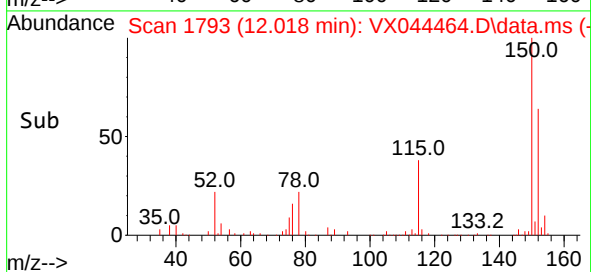
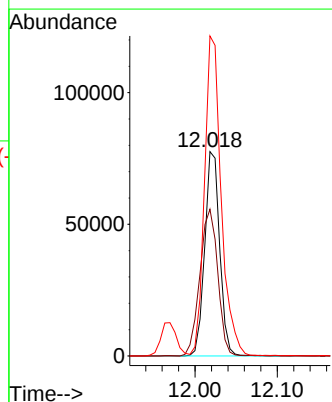
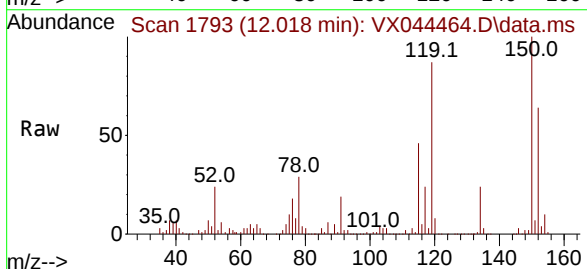
Tgt Ion:152 Resp: 97831

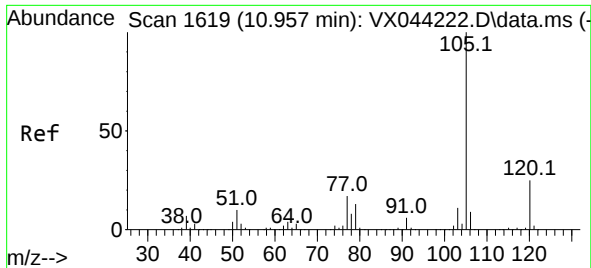
Ion Ratio Lower Upper

152 100

115 86.4 44.5 133.3

150 174.4 0.0 353.8

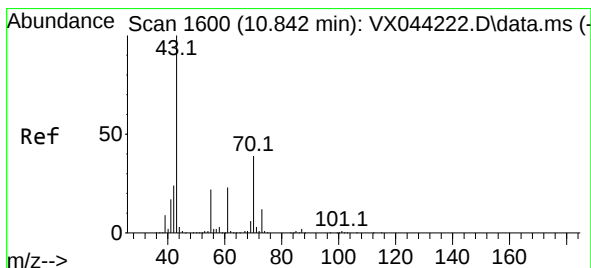
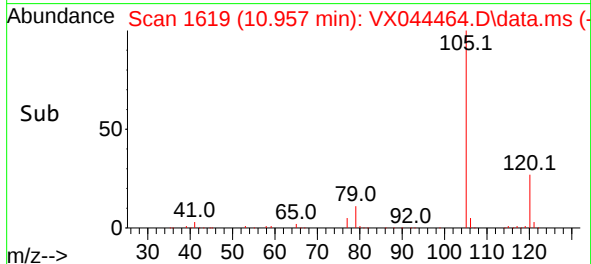
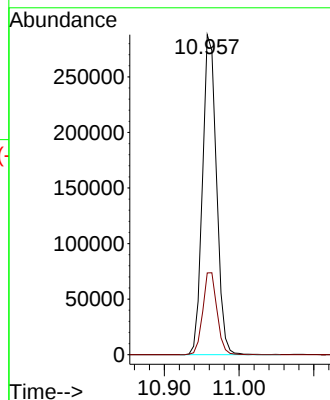
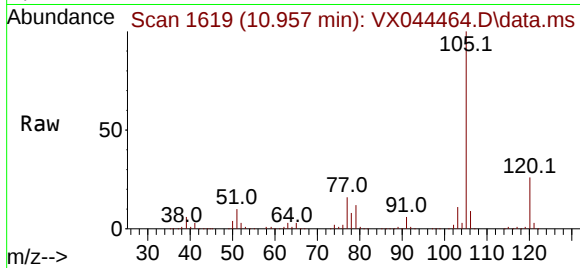




#73  
Isopropylbenzene  
Concen: 50.011 ug/l  
RT: 10.957 min Scan# 1619  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

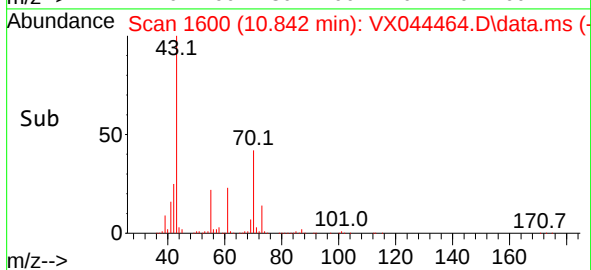
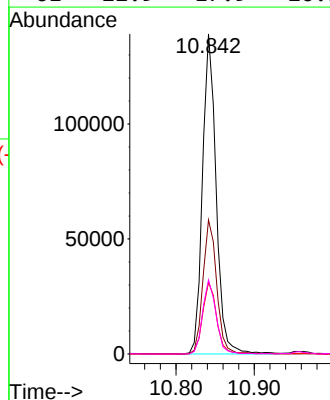
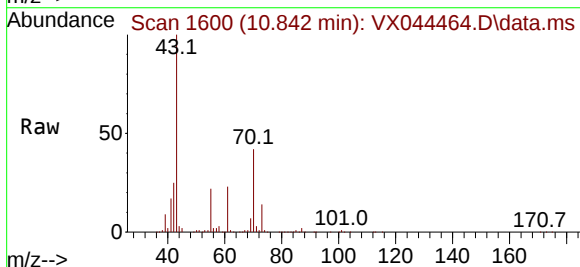
Instrument :  
MSVOA\_X  
ClientSampleId :

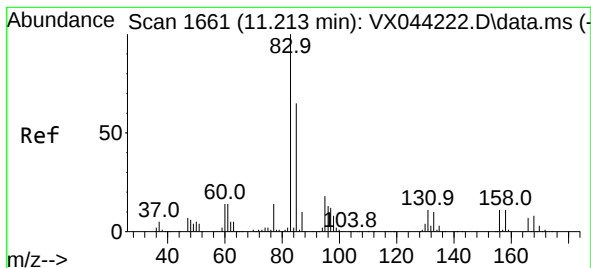
Tgt Ion:105 Resp: 374548  
Ion Ratio Lower Upper  
105 100  
120 26.0 13.1 39.3



#74  
N-ethyl acetate  
Concen: 48.576 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

Tgt Ion: 43 Resp: 168135  
Ion Ratio Lower Upper  
43 100  
70 42.4 31.9 47.9  
55 22.9 17.9 26.9  
61 22.9 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 48.065 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

Instrument :

MSVOA\_X

ClientSampleId :

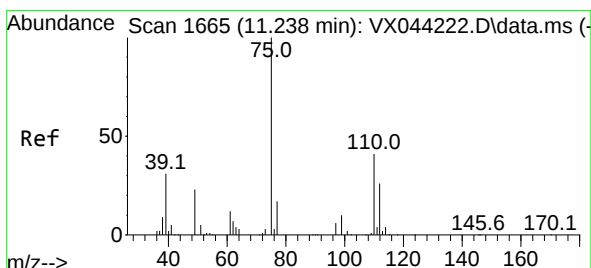
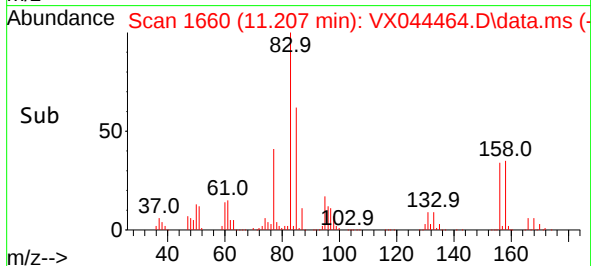
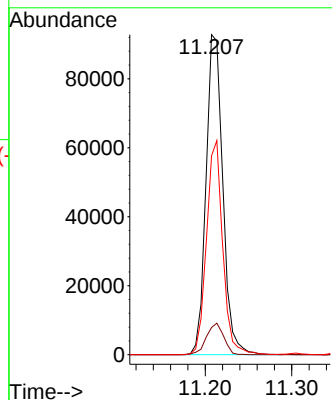
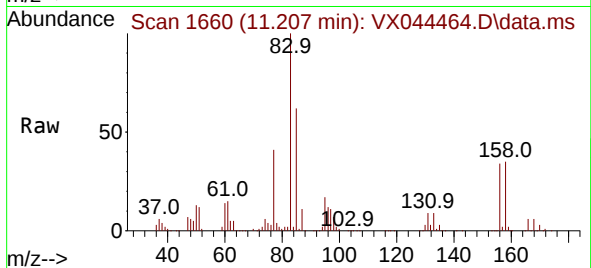
Tgt Ion: 83 Resp: 125030

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.4

85 64.6 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 60.417 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX044464.D

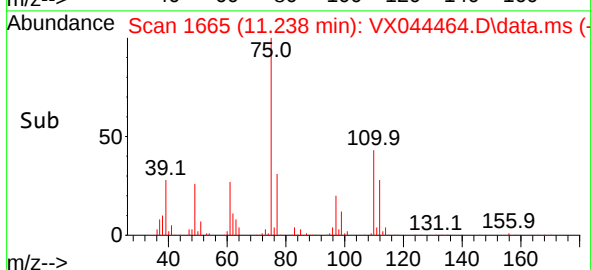
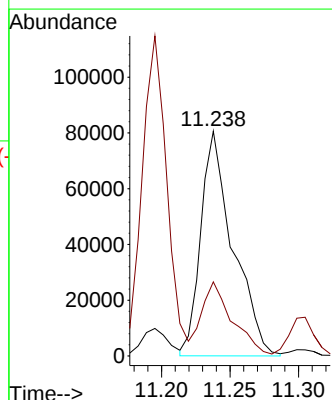
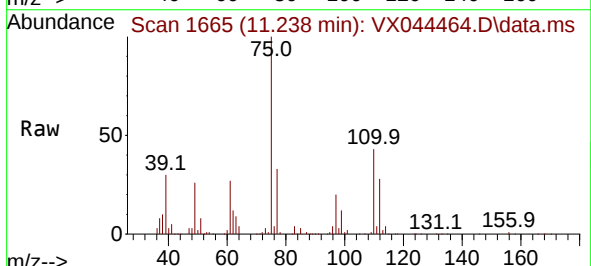
Acq: 20 Dec 2024 19:49

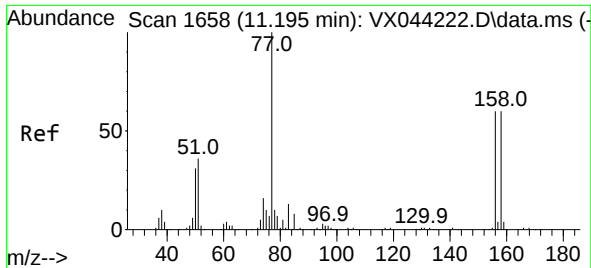
Tgt Ion: 75 Resp: 131971

Ion Ratio Lower Upper

75 100

77 31.7 20.9 62.7

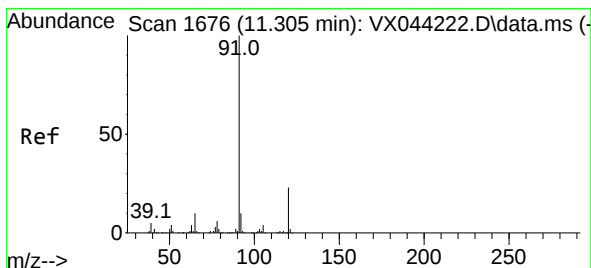
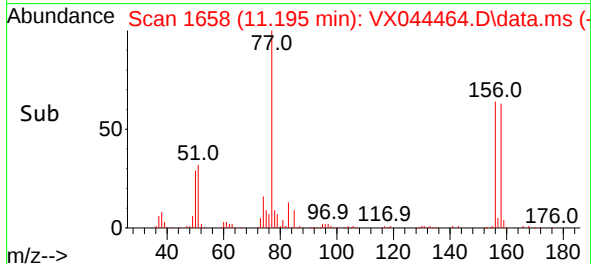
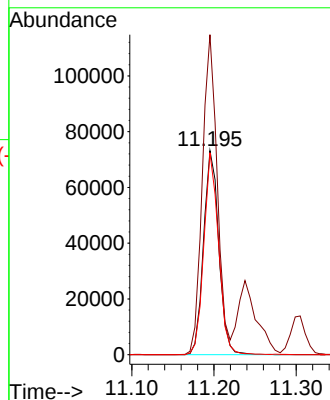
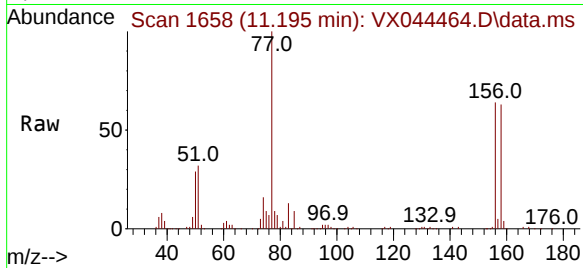




#77  
Bromobenzene  
Concen: 51.903 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

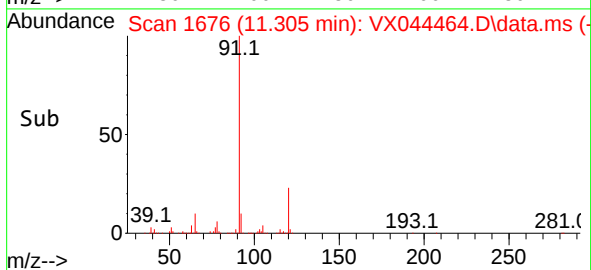
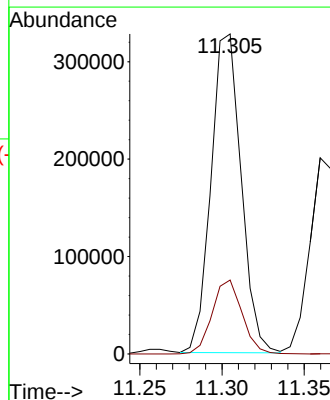
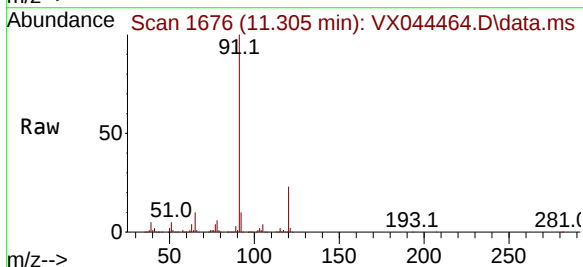
Instrument :  
MSVOA\_X  
ClientSampleId :

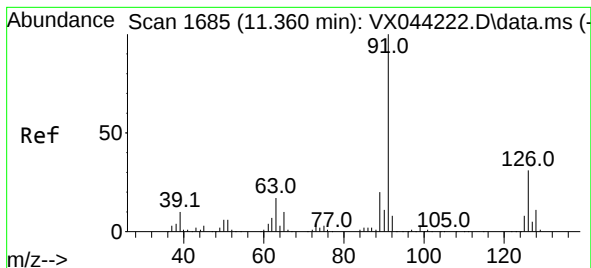
Tgt Ion:156 Resp: 94262  
Ion Ratio Lower Upper  
156 100  
77 153.3 82.6 247.8  
158 95.8 48.8 146.4



#78  
n-propylbenzene  
Concen: 50.432 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

Tgt Ion: 91 Resp: 417465  
Ion Ratio Lower Upper  
91 100  
120 23.1 11.0 33.0





#79

2-Chlorotoluene

Concen: 47.285 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

Instrument :

MSVOA\_X

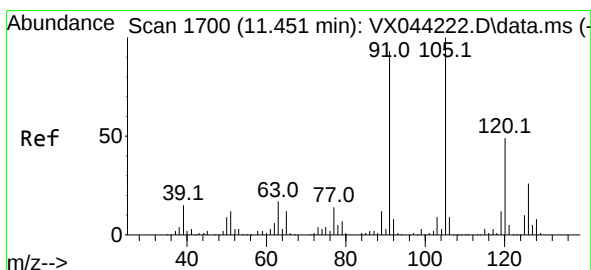
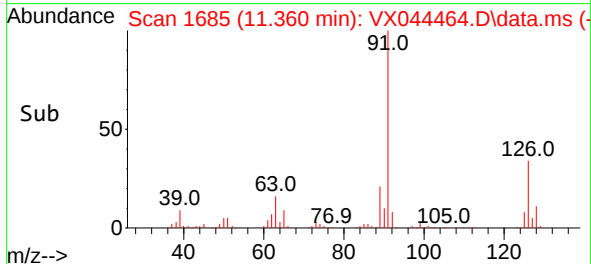
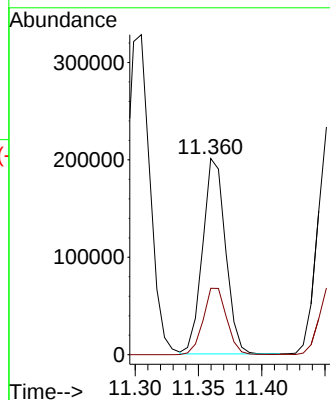
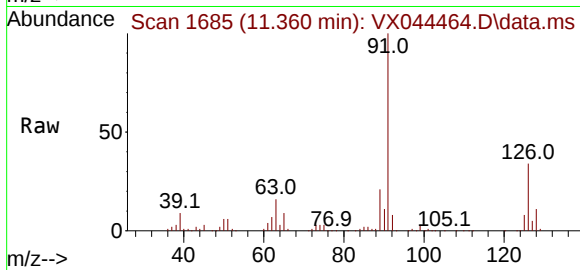
ClientSampleId :

Tgt Ion: 91 Resp: 253139

Ion Ratio Lower Upper

91 100

126 34.9 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 49.787 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044464.D

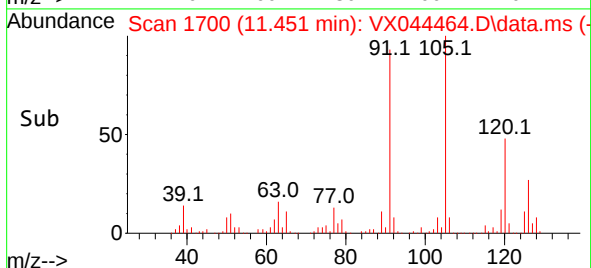
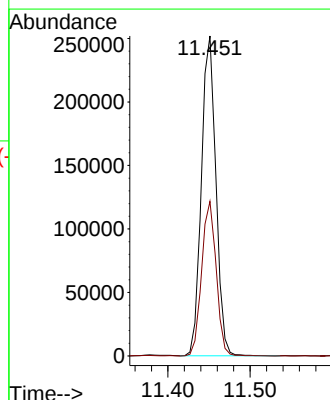
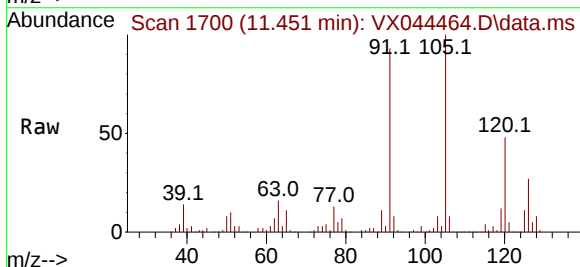
Acq: 20 Dec 2024 19:49

Tgt Ion:105 Resp: 309218

Ion Ratio Lower Upper

105 100

120 48.4 23.8 71.4



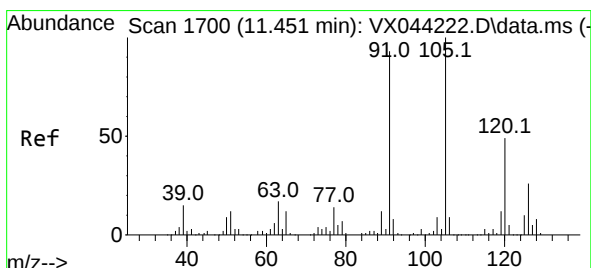
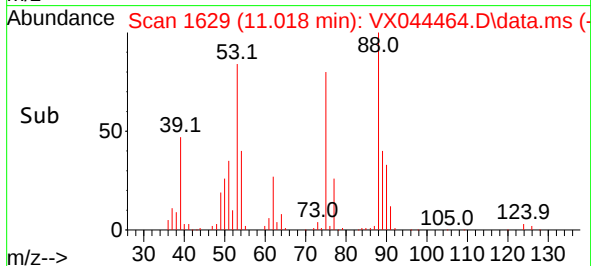
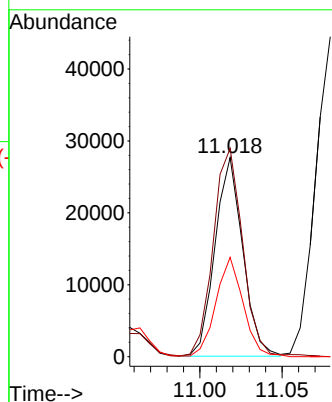
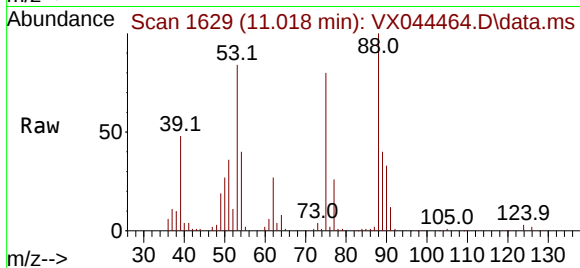


#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 43.348 ug/l  
 RT: 11.018 min Scan# 1629  
 Delta R.T. -0.000 min  
 Lab File: VX044464.D  
 Acq: 20 Dec 2024 19:49

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion: 75 Resp: 32407  

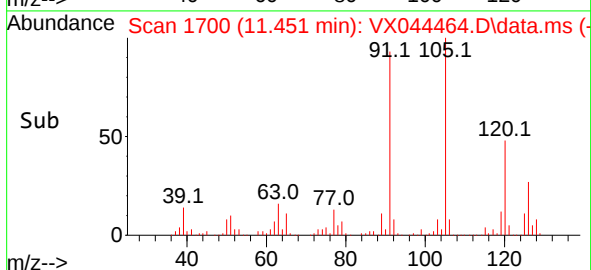
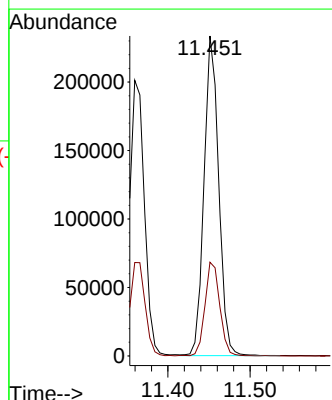
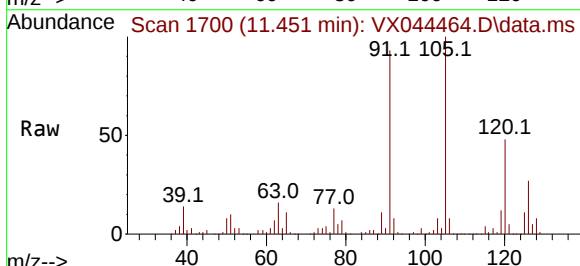
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 53  | 111.6 | 93.6  | 140.4 |
| 89  | 49.1  | 37.3  | 55.9  |

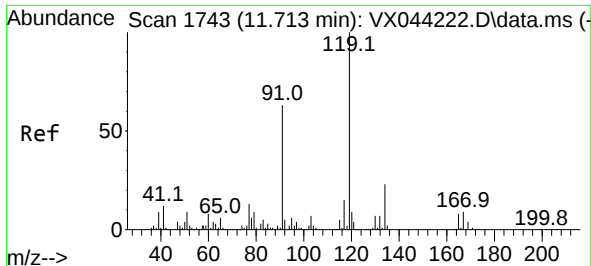


#82  
 4-Chlorotoluene  
 Concen: 48.802 ug/l  
 RT: 11.451 min Scan# 1700  
 Delta R.T. -0.000 min  
 Lab File: VX044464.D  
 Acq: 20 Dec 2024 19:49

Tgt Ion: 91 Resp: 289306  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 126 | 29.8  | 14.5  | 43.5  |

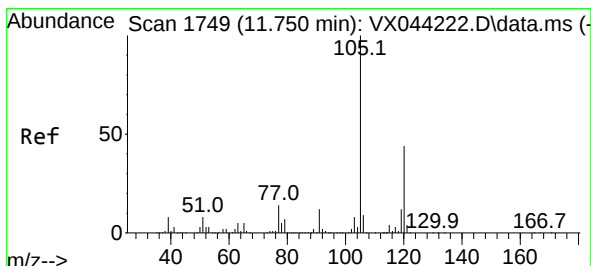
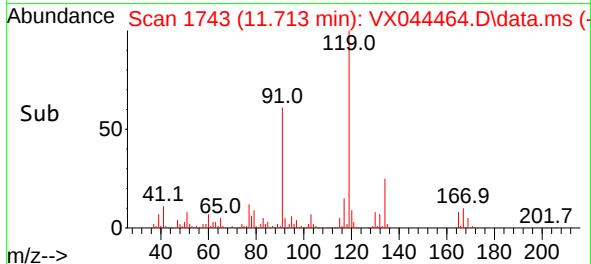
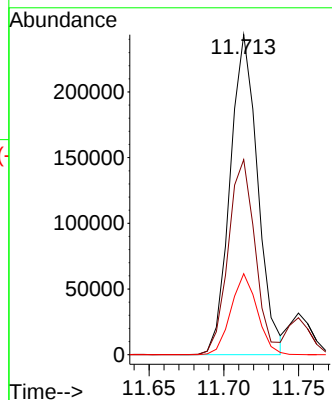
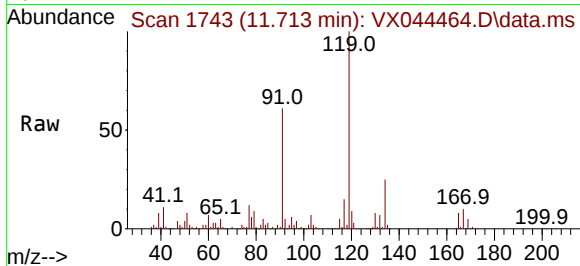




#83  
tert-Butylbenzene  
Concen: 50.950 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

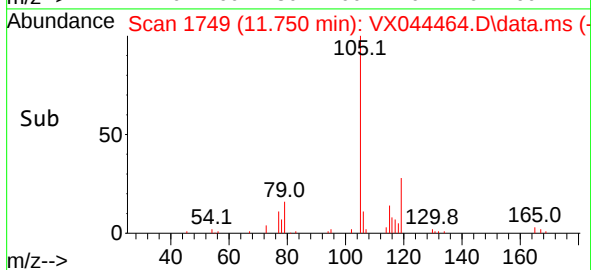
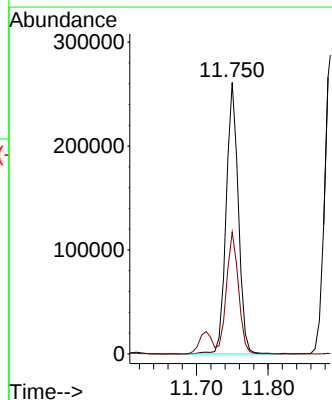
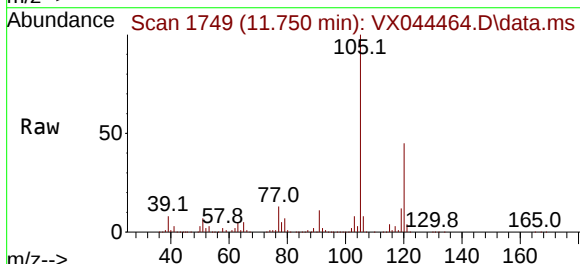
Instrument :  
MSVOA\_X  
ClientSampleId :

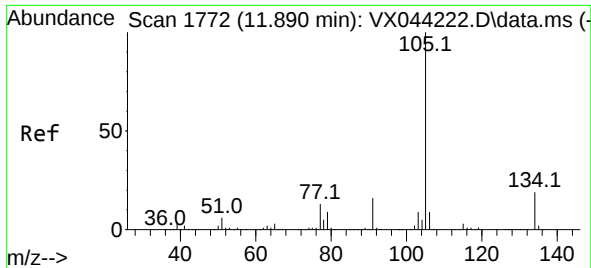
Tgt Ion:119 Resp: 312731  
Ion Ratio Lower Upper  
119 100  
91 59.8 30.9 92.5  
134 24.1 11.5 34.4



#84  
1,2,4-Trimethylbenzene  
Concen: 50.564 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

Tgt Ion:105 Resp: 308415  
Ion Ratio Lower Upper  
105 100  
120 44.6 21.7 65.1

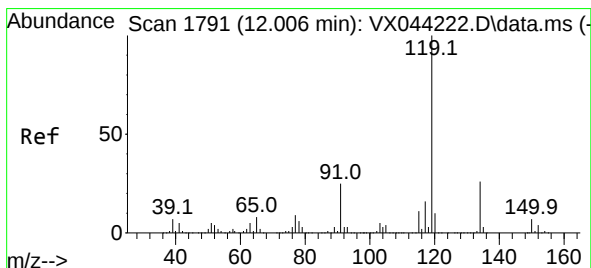
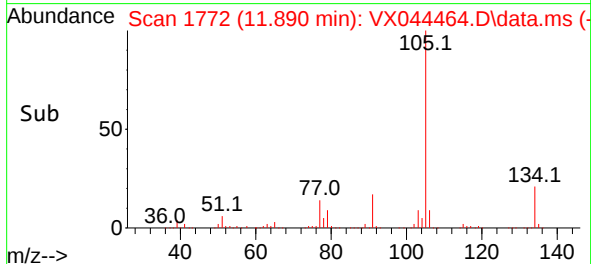
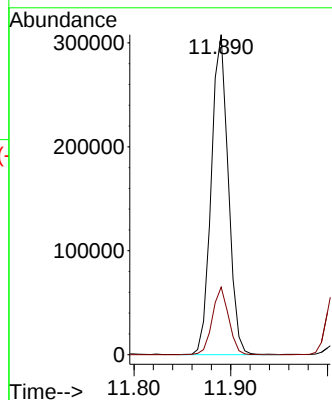
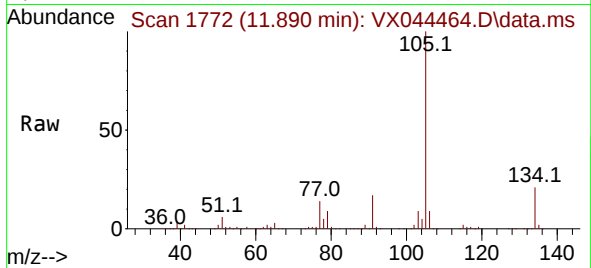




#85  
sec-Butylbenzene  
Concen: 50.546 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

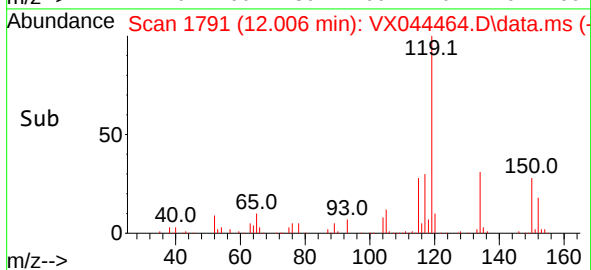
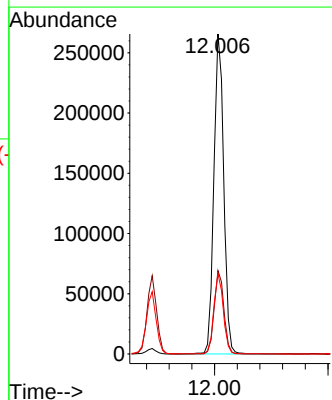
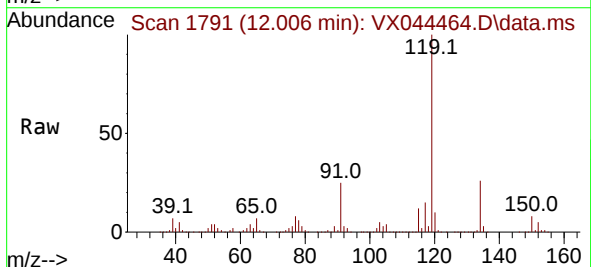
Instrument :  
MSVOA\_X  
ClientSampleId :

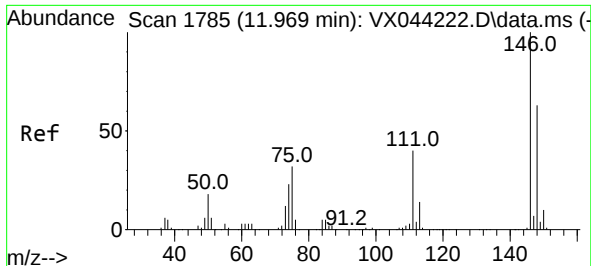
Tgt Ion:105 Resp: 376639  
Ion Ratio Lower Upper  
105 100  
134 20.2 9.8 29.4



#86  
p-Isopropyltoluene  
Concen: 51.504 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

Tgt Ion:119 Resp: 319422  
Ion Ratio Lower Upper  
119 100  
134 25.6 12.8 38.4  
91 24.1 13.0 39.0

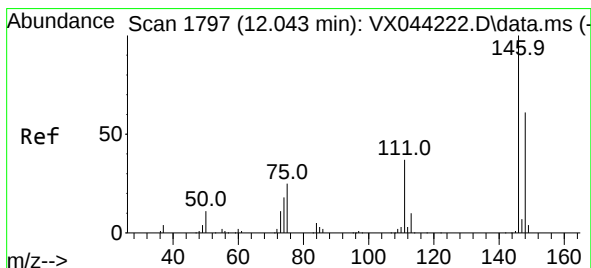
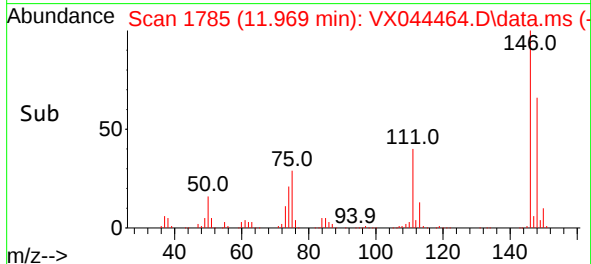
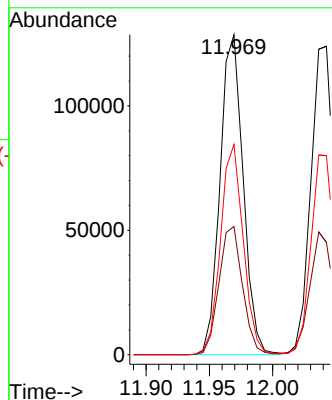
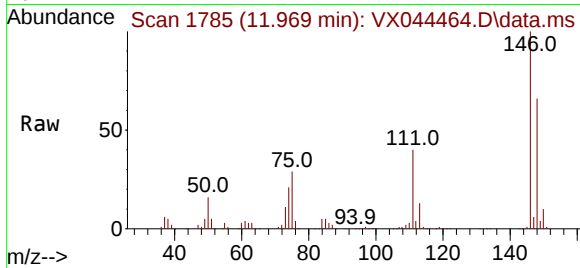




#87  
 1,3-Dichlorobenzene  
 Concen: 51.480 ug/l  
 RT: 11.969 min Scan# 1785  
 Delta R.T. -0.000 min  
 Lab File: VX044464.D  
 Acq: 20 Dec 2024 19:49

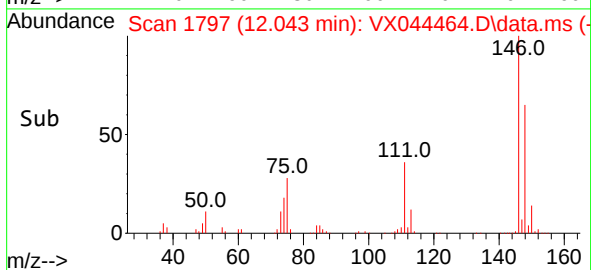
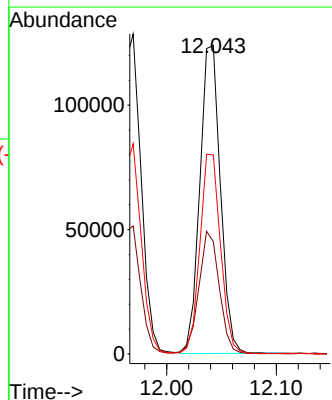
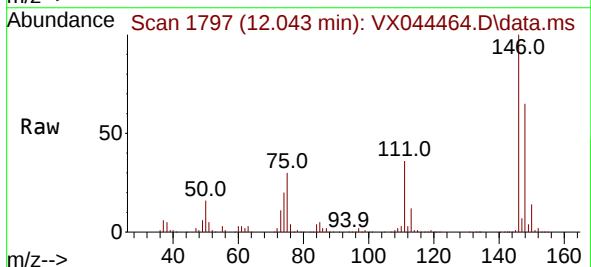
Instrument :  
 MSVOA\_X  
 ClientSampleId :

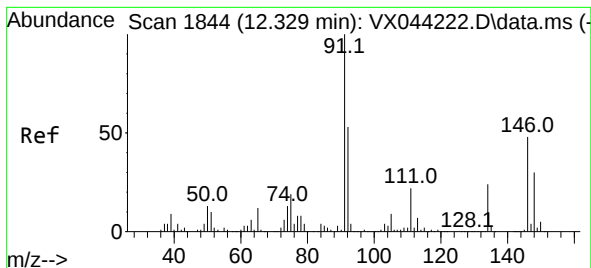
Tgt Ion:146 Resp: 163311  
 Ion Ratio Lower Upper  
 146 100  
 111 40.9 21.4 64.2  
 148 64.7 31.7 95.1



#88  
 1,4-Dichlorobenzene  
 Concen: 49.579 ug/l  
 RT: 12.043 min Scan# 1797  
 Delta R.T. -0.000 min  
 Lab File: VX044464.D  
 Acq: 20 Dec 2024 19:49

Tgt Ion:146 Resp: 161681  
 Ion Ratio Lower Upper  
 146 100  
 111 39.8 21.0 63.0  
 148 65.1 32.3 96.8





#89

n-Butylbenzene

Concen: 50.212 ug/l

RT: 12.329 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

Instrument :

MSVOA\_X

ClientSampleId :

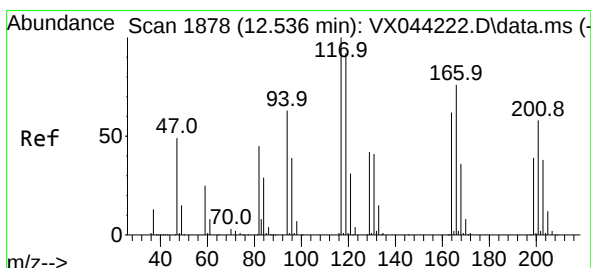
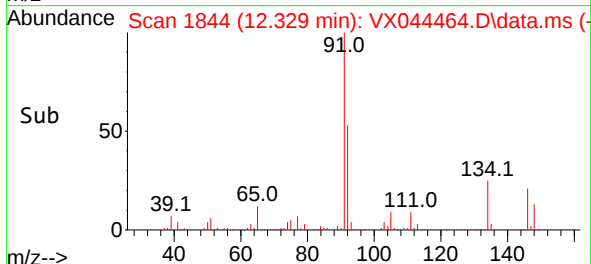
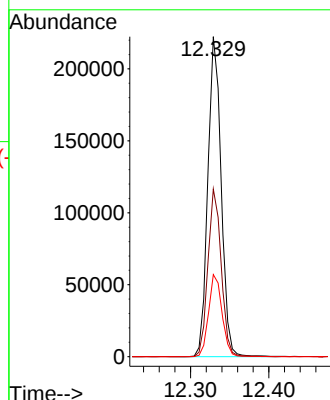
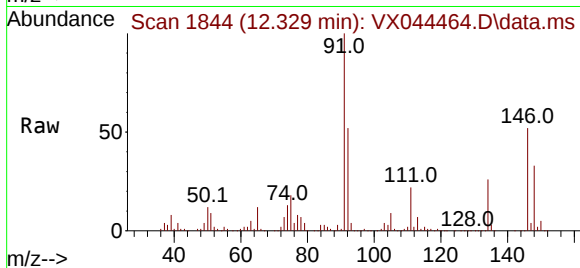
Tgt Ion: 91 Resp: 261860

Ion Ratio Lower Upper

91 100

92 52.2 26.6 79.7

134 26.0 12.6 37.8



#90

Hexachloroethane

Concen: 52.940 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX044464.D

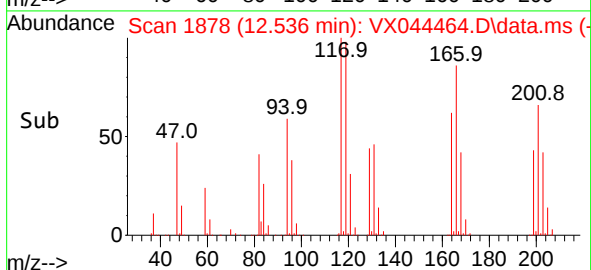
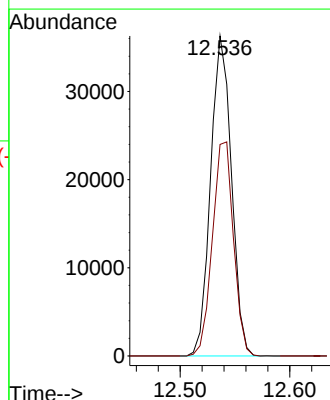
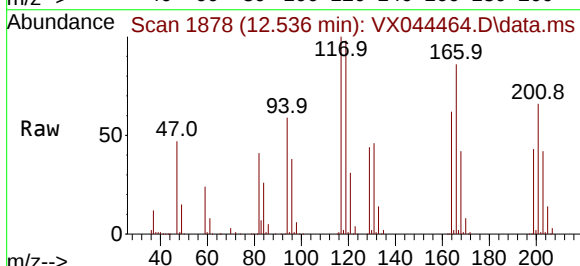
Acq: 20 Dec 2024 19:49

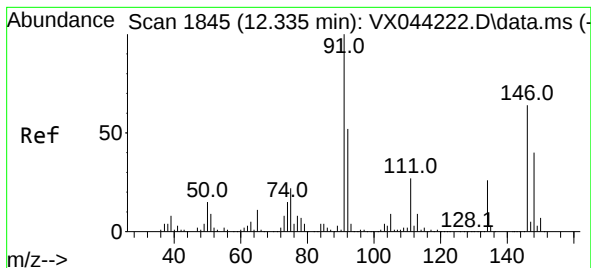
Tgt Ion: 117 Resp: 47928

Ion Ratio Lower Upper

117 100

201 67.8 31.4 94.2





#91

1,2-Dichlorobenzene

Concen: 50.764 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

Instrument :

MSVOA\_X

ClientSampleId :

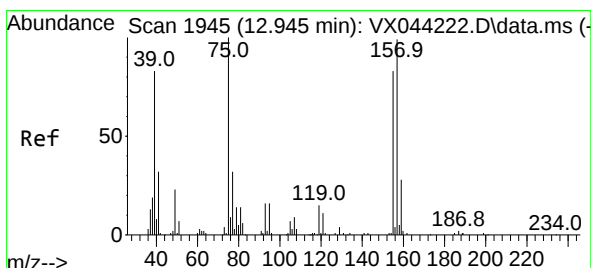
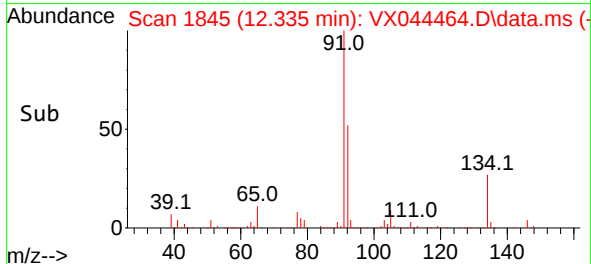
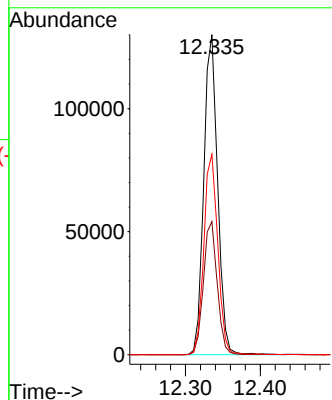
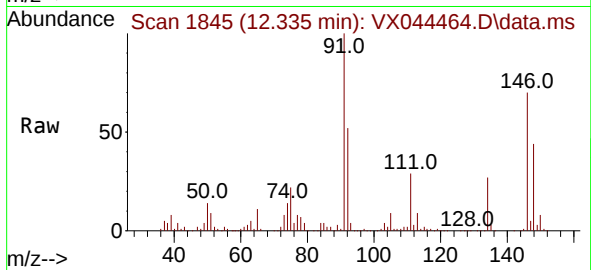
Tgt Ion:146 Resp: 167214

Ion Ratio Lower Upper

146 100

111 41.4 21.4 64.3

148 63.1 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.042 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

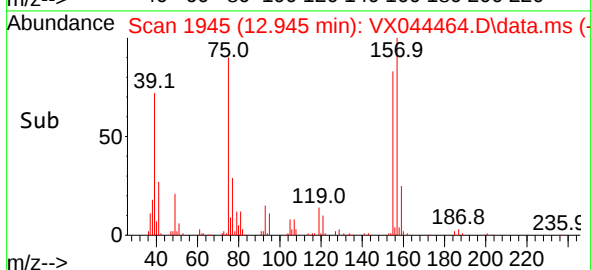
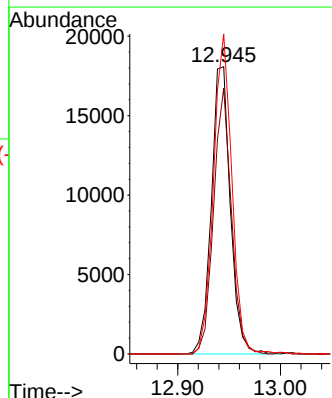
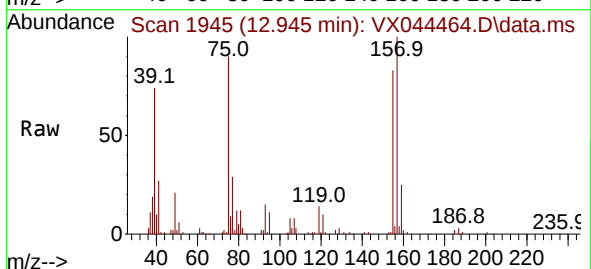
Tgt Ion: 75 Resp: 23250

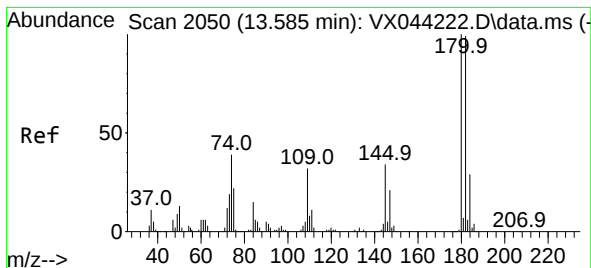
Ion Ratio Lower Upper

75 100

155 86.4 38.1 114.3

157 107.8 47.2 141.6





#93

1,2,4-Trichlorobenzene

Concen: 54.188 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

Instrument :

MSVOA\_X

ClientSampleId :

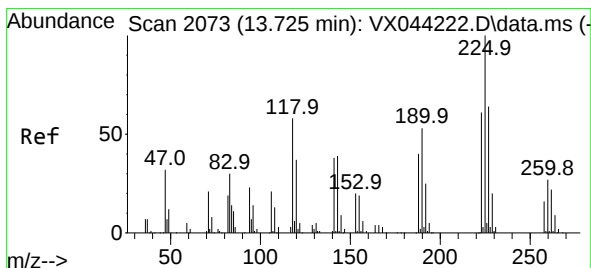
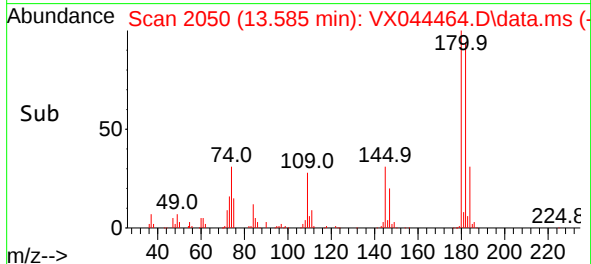
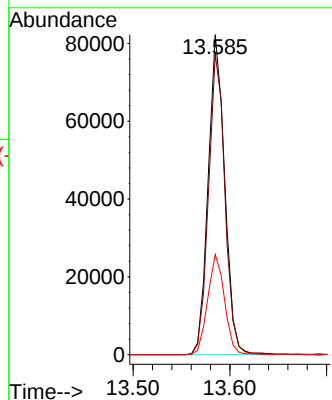
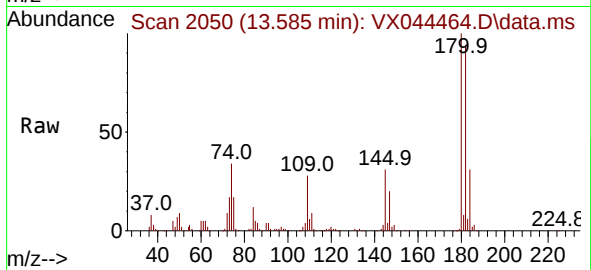
Tgt Ion:180 Resp: 97858

Ion Ratio Lower Upper

180 100

182 93.8 48.0 144.2

145 31.9 16.6 49.7



#94

Hexachlorobutadiene

Concen: 55.763 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX044464.D

Acq: 20 Dec 2024 19:49

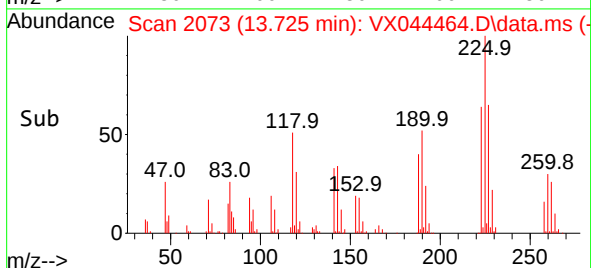
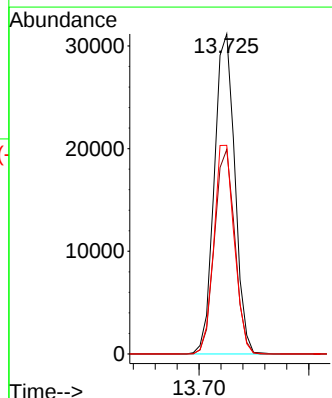
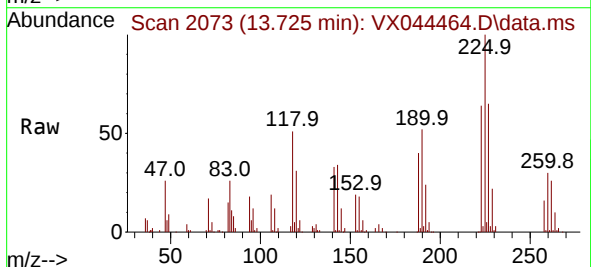
Tgt Ion:225 Resp: 40506

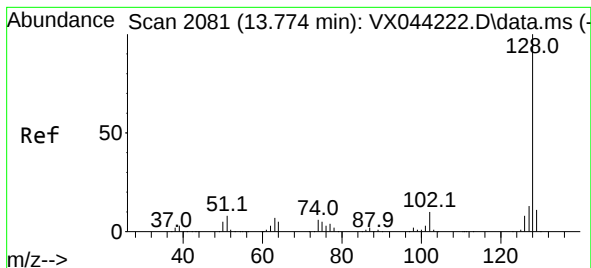
Ion Ratio Lower Upper

225 100

223 63.3 30.8 92.4

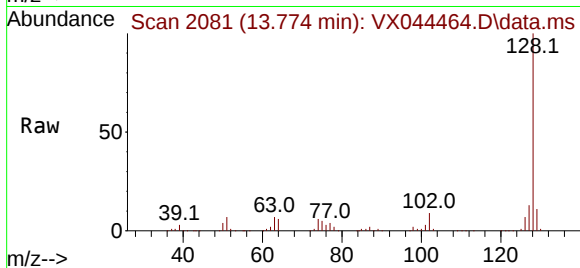
227 65.0 32.1 96.3



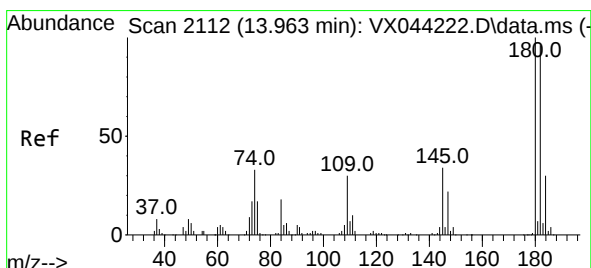
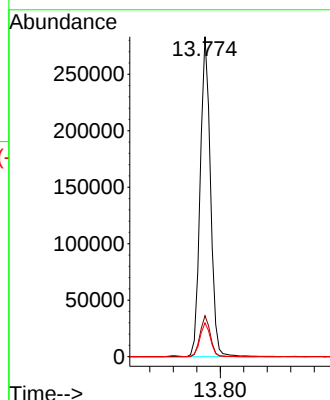
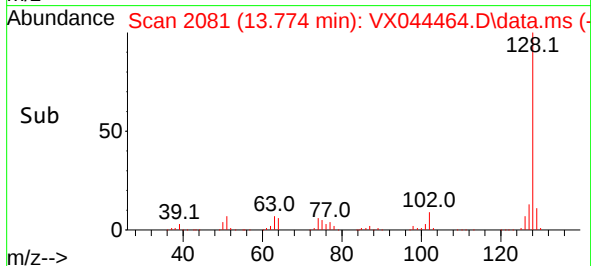


#95  
Naphthalene  
Concen: 48.680 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion:128 Resp: 343151  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.5 15.7  
129 10.7 9.0 13.4



#96  
1,2,3-Trichlorobenzene  
Concen: 52.939 ug/l  
RT: 13.957 min Scan# 2111  
Delta R.T. -0.006 min  
Lab File: VX044464.D  
Acq: 20 Dec 2024 19:49

Tgt Ion:180 Resp: 101400  
Ion Ratio Lower Upper  
180 100  
182 96.2 48.0 144.0  
145 31.9 17.7 53.1

