

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122024\  
 Data File : VX044459.D  
 Acq On : 20 Dec 2024 17:53  
 Operator : JC/MD  
 Sample : P5280-04MS  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BPOW6-11-20241212MS

Quant Time: Dec 20 22:29:44 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   | 140154   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757  | 114   | 239394   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 209816   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.018 | 152   | 99964    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952  | 65    | 109601   | 44.601   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 89.200%  |
| 35) Dibromofluoromethane     | 5.385  | 113   | 86091    | 51.924   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 103.840% |
| 50) Toluene-d8               | 8.647  | 98    | 295724   | 52.867   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 105.740% |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 103131   | 52.764   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 77 - 121 | Recovery | =      | 105.520% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 102970   | 47.514   | ug/l   | 97       |
| 3) Chloromethane             | 1.294  | 50    | 102475   | 49.448   | ug/l   | 100      |
| 4) Vinyl Chloride            | 1.374  | 62    | 104614   | 48.455   | ug/l   | 99       |
| 5) Bromomethane              | 1.593  | 94    | 67944    | 44.359   | ug/l   | 97       |
| 6) Chloroethane              | 1.666  | 64    | 66525    | 49.484   | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 1.867  | 101   | 183611   | 43.441   | ug/l   | 98       |
| 8) Diethyl Ether             | 2.136  | 74    | 62352    | 43.218   | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 2.313  | 101   | 80805    | 47.245   | ug/l   | 96       |
| 10) Methyl Iodide            | 2.441  | 142   | 118084   | 52.385   | ug/l   | 96       |
| 11) Tert butyl alcohol       | 2.995  | 59    | 77626    | 224.139  | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 2.306  | 96    | 79685    | 50.724   | ug/l   | 96       |
| 13) Acrolein                 | 2.239  | 56    | 110200   | 219.817  | ug/l   | 100      |
| 14) Allyl chloride           | 2.654  | 41    | 124467   | 47.568   | ug/l   | 97       |
| 15) Acrylonitrile            | 3.068  | 53    | 229810   | 239.548  | ug/l   | 100      |
| 16) Acetone                  | 2.392  | 43    | 209050   | 208.669  | ug/l   | 92       |
| 17) Carbon Disulfide         | 2.502  | 76    | 140358   | 47.002   | ug/l   | 100      |
| 18) Methyl Acetate           | 2.709  | 43    | 114297   | 44.248   | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 3.117  | 73    | 278483   | 45.426   | ug/l   | 98       |
| 20) Methylene Chloride       | 2.782  | 84    | 90385    | 48.034   | ug/l   | 96       |
| 21) trans-1,2-Dichloroethene | 3.081  | 96    | 80686    | 48.327   | ug/l   | 98       |
| 22) Diisopropyl ether        | 3.764  | 45    | 268170   | 45.513   | ug/l   | 98       |
| 23) Vinyl Acetate            | 3.721  | 43    | 1103525  | 230.363  | ug/l   | 97       |
| 24) 1,1-Dichloroethane       | 3.605  | 63    | 157023   | 47.808   | ug/l   | 99       |
| 25) 2-Butanone               | 4.568  | 43    | 328305   | 230.512  | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 4.465  | 77    | 111782   | 41.893   | ug/l   | 96       |
| 27) cis-1,2-Dichloroethene   | 4.483  | 96    | 102568   | 48.372   | ug/l   | 93       |
| 28) Bromochloromethane       | 4.891  | 49    | 67371    | 41.831   | ug/l   | 94       |
| 29) Tetrahydrofuran          | 5.007  | 42    | 211720   | 231.597  | ug/l   | 100      |
| 30) Chloroform               | 5.093  | 83    | 169547   | 45.945   | ug/l   | 99       |
| 31) Cyclohexane              | 5.464  | 56    | 121904   | 45.963   | ug/l   | 95       |
| 32) 1,1,1-Trichloroethane    | 5.379  | 97    | 144864   | 47.292   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.684  | 75    | 104204   | 48.620   | ug/l   | 98       |
| 37) Ethyl Acetate            | 4.715  | 43    | 124133   | 46.855   | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 5.666  | 117   | 115559   | 50.082   | ug/l   | 98       |
| 39) Methylcyclohexane        | 7.379  | 83    | 127374   | 49.714   | ug/l   | 96       |
| 40) Benzene                  | 6.031  | 78    | 341138   | 52.425   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122024\  
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 Operator : JC/MD  
 Sample : P5280-04MS  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BPOW6-11-20241212MS

Quant Time: Dec 20 22:29:44 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   | 67837    | 48.221   | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 6.080  | 62   | 128577   | 47.967   | ug/l   | 97       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 195208   | 47.143   | ug/l   | 98       |
| 44) Trichloroethene           | 7.123  | 130  | 84661    | 52.172   | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 82264    | 49.483   | ug/l   | 98       |
| 46) Dibromomethane            | 7.580  | 93   | 66668    | 51.691   | ug/l   | 93       |
| 47) Bromodichloromethane      | 7.818  | 83   | 117389   | 52.701   | ug/l   | 100      |
| 48) Methyl methacrylate       | 7.690  | 41   | 97013    | 48.264   | ug/l   | 96       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 43484    | 1304.811 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 661253   | 248.364  | ug/l   | 98       |
| 52) Toluene                   | 8.714  | 92   | 205015   | 50.171   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 114331   | 47.959   | ug/l   | 93       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 124463   | 51.318   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 85724    | 52.806   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 130793   | 51.035   | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 141420   | 50.049   | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 489910   | 254.216  | ug/l   | 97       |
| 60) Dibromochloromethane      | 9.519  | 129  | 85758    | 49.891   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 87592    | 53.008   | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.269  | 164  | 72254    | 51.885   | ug/l   | 97       |
| 65) Chlorobenzene             | 10.079 | 112  | 231119   | 51.407   | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 78298    | 54.188   | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.189 | 91   | 392328   | 50.505   | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.299 | 106  | 295911   | 103.812  | ug/l   | 97       |
| 69) o-Xylene                  | 10.640 | 106  | 147950   | 51.299   | ug/l   | 95       |
| 70) Styrene                   | 10.653 | 104  | 249544   | 53.973   | ug/l   | 96       |
| 71) Bromoform                 | 10.799 | 173  | 52603    | 51.849   | ug/l # | 98       |
| 73) Isopropylbenzene          | 10.963 | 105  | 380621   | 49.737   | ug/l   | 100      |
| 74) N-amyl acetate            | 10.841 | 43   | 163625   | 46.265   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 130012   | 48.913   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 138110   | 61.878   | ug/l   | 84       |
| 77) Bromobenzene              | 11.195 | 156  | 95960    | 51.710   | ug/l   | 95       |
| 78) n-propylbenzene           | 11.305 | 91   | 422079   | 49.902   | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 260371   | 47.599   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 315062   | 49.645   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 32893    | 43.097   | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 294812   | 48.670   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 316834   | 50.517   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 313266   | 50.263   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 377290   | 49.553   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 317518   | 50.104   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 169405   | 52.261   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 12.036 | 146  | 164700   | 49.427   | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.329 | 91   | 261438   | 49.062   | ug/l   | 98       |
| 90) Hexachloroethane          | 12.536 | 117  | 47229    | 51.055   | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 169740   | 50.431   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 24287    | 47.070   | ug/l   | 86       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 95950    | 51.998   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.719 | 225  | 39183    | 52.791   | ug/l   | 97       |
| 95) Naphthalene               | 13.774 | 128  | 347043   | 48.182   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 103034   | 52.644   | ug/l   | 98       |

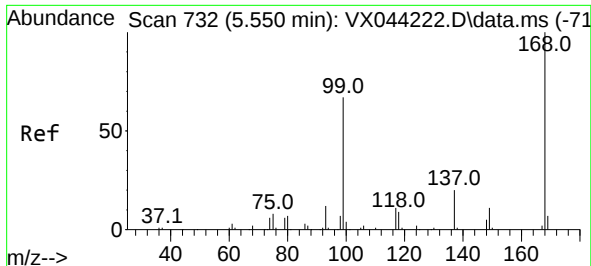
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122024\  
Data File : VX044459.D  
Acq On : 20 Dec 2024 17:53  
Operator : JC/MD  
Sample : P5280-04MS  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212MS

Quant Time: Dec 20 22:29:44 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) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |

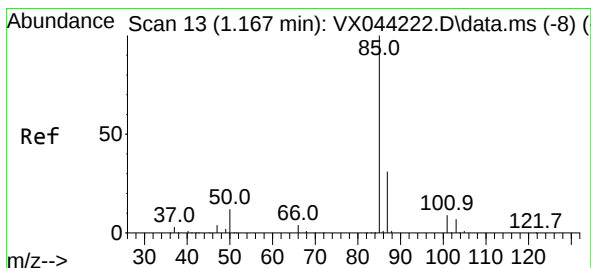
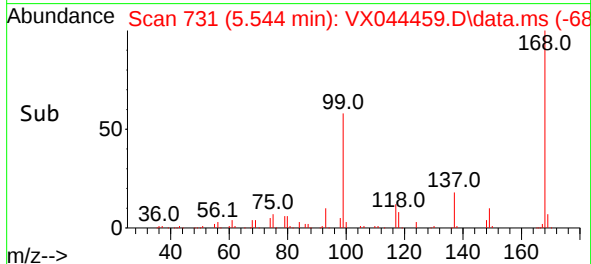
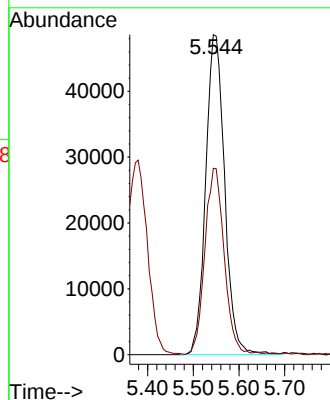
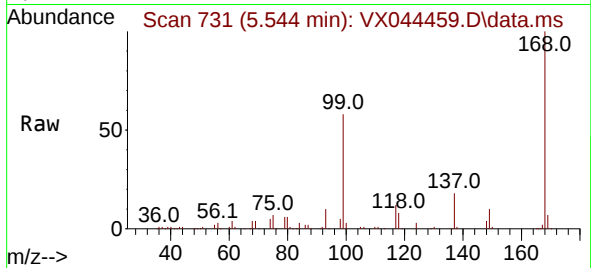




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

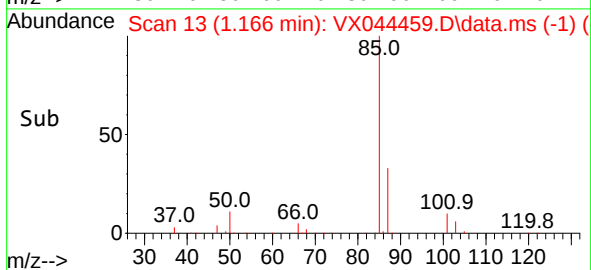
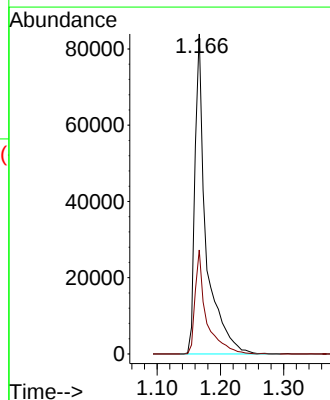
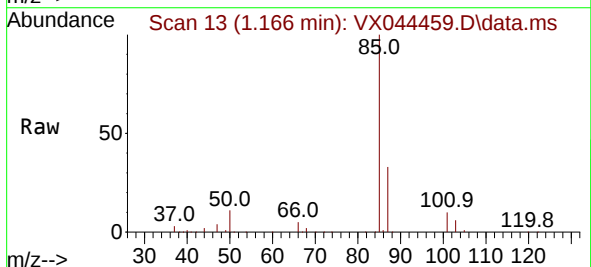
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212MS

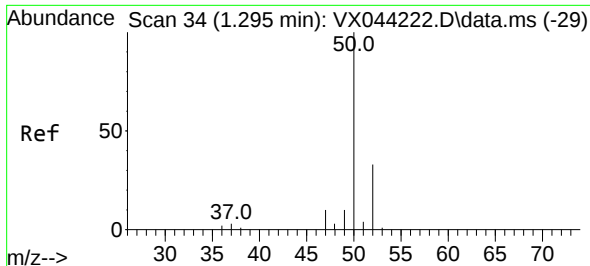
Tgt Ion:168 Resp: 140154  
Ion Ratio Lower Upper  
168 100  
99 57.9 53.4 80.0



#2  
Dichlorodifluoromethane  
Concen: 47.514 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Tgt Ion: 85 Resp: 102970  
Ion Ratio Lower Upper  
85 100  
87 32.5 15.4 46.4

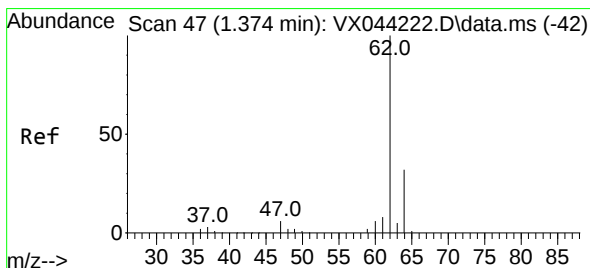
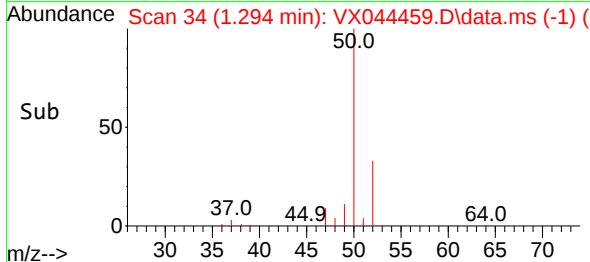
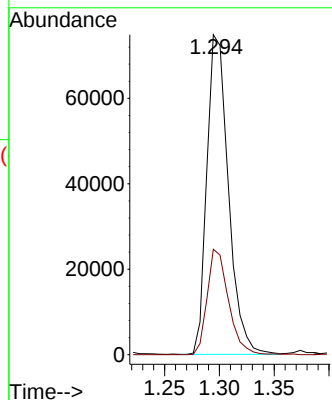
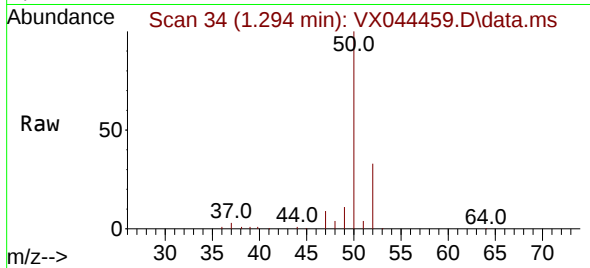




#3  
Chloromethane  
Concen: 49.448 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

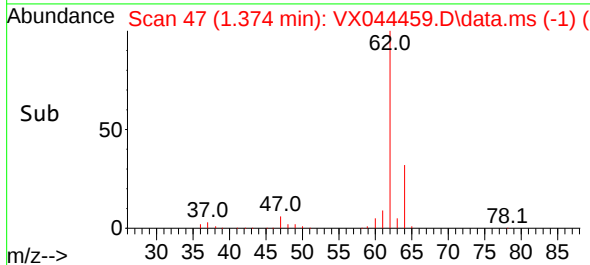
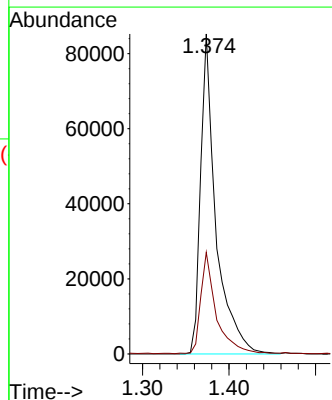
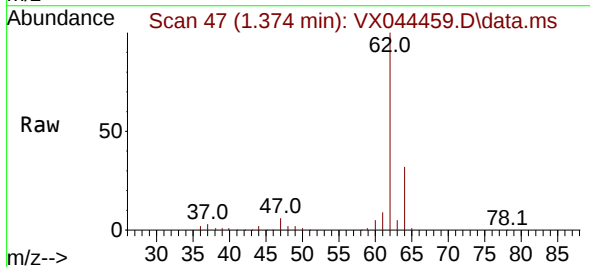
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212MS

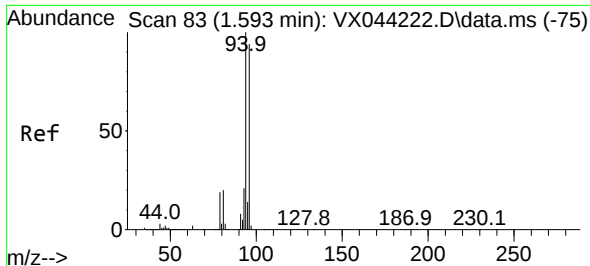
Tgt Ion: 50 Resp: 102475  
Ion Ratio Lower Upper  
50 100  
52 33.0 26.5 39.7



#4  
Vinyl Chloride  
Concen: 48.455 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Tgt Ion: 62 Resp: 104614  
Ion Ratio Lower Upper  
62 100  
64 31.5 25.7 38.5

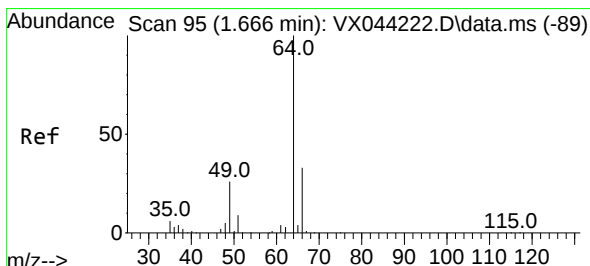
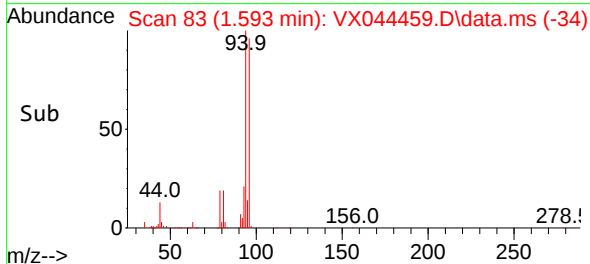
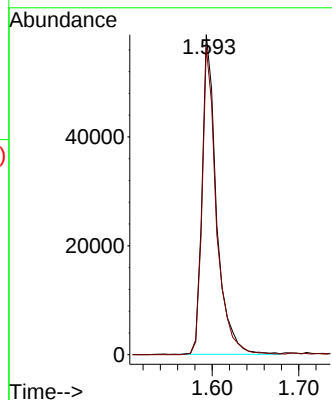
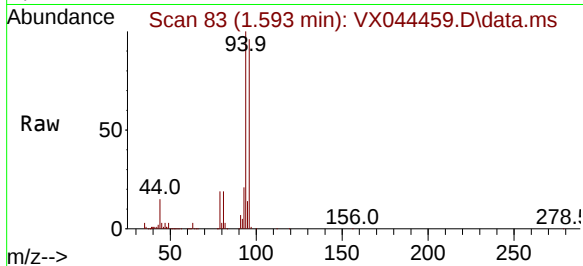




#5  
Bromomethane  
Concen: 44.359 ug/l  
RT: 1.593 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

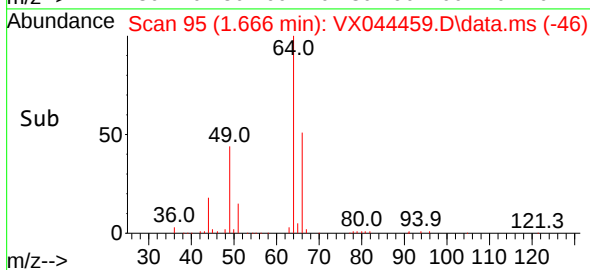
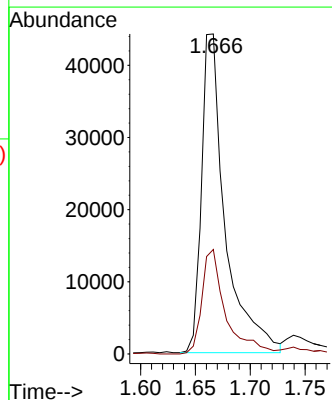
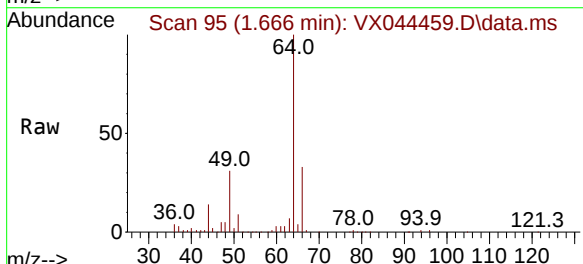
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212MS

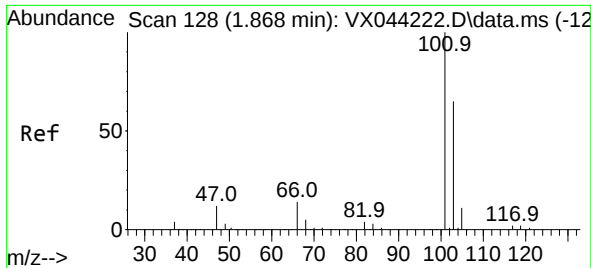
Tgt Ion: 94 Resp: 67944  
Ion Ratio Lower Upper  
94 100  
96 96.1 74.9 112.3



#6  
Chloroethane  
Concen: 49.484 ug/l  
RT: 1.666 min Scan# 95  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Tgt Ion: 64 Resp: 66525  
Ion Ratio Lower Upper  
64 100  
66 32.8 26.6 39.8

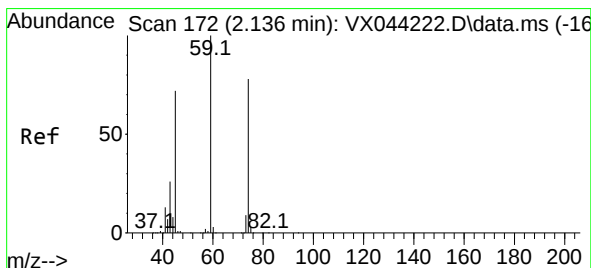
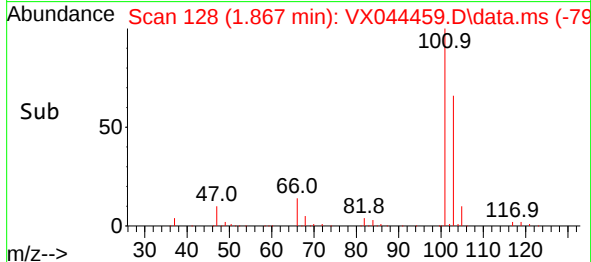
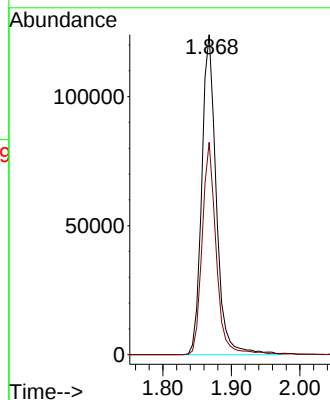
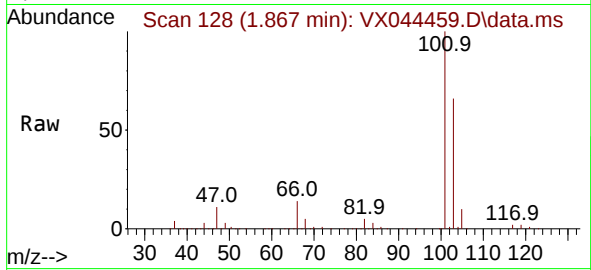




#7  
 Trichlorofluoromethane  
 Concen: 43.441 ug/l  
 RT: 1.867 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX044459.D  
 Acq: 20 Dec 2024 17:53

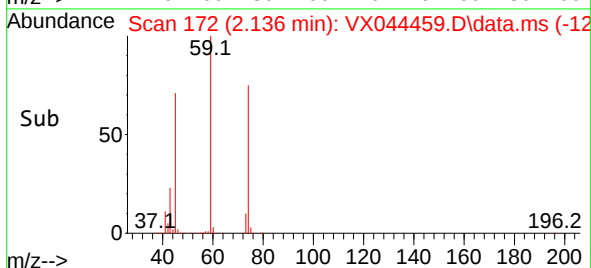
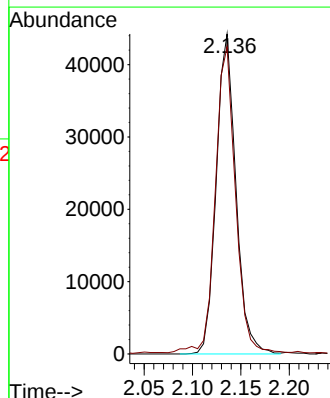
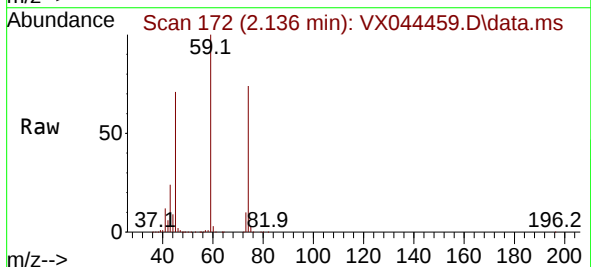
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BPOW6-11-20241212MS

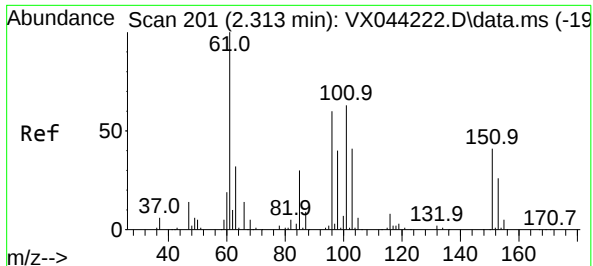
Tgt Ion:101 Resp: 183611  
 Ion Ratio Lower Upper  
 101 100  
 103 66.3 51.8 77.8



#8  
 Diethyl Ether  
 Concen: 43.218 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. -0.000 min  
 Lab File: VX044459.D  
 Acq: 20 Dec 2024 17:53

Tgt Ion: 74 Resp: 62352  
 Ion Ratio Lower Upper  
 74 100  
 45 97.4 48.4 145.0

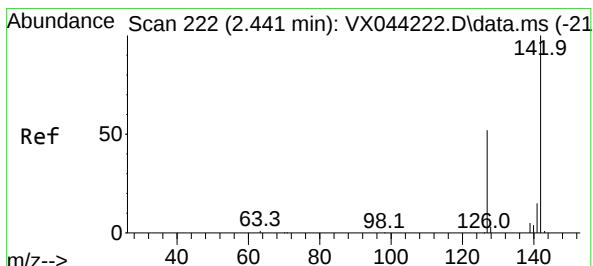
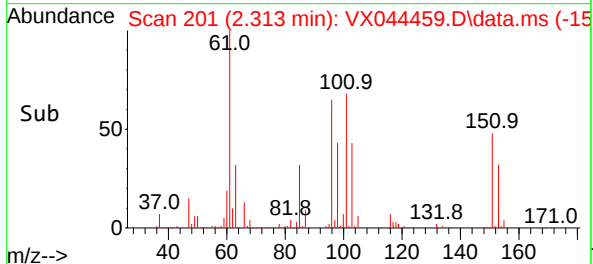
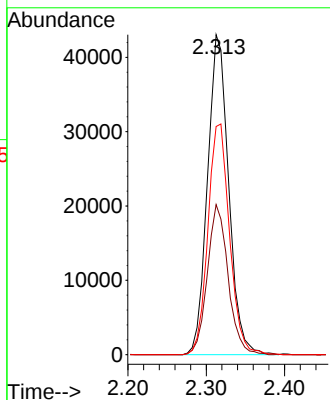
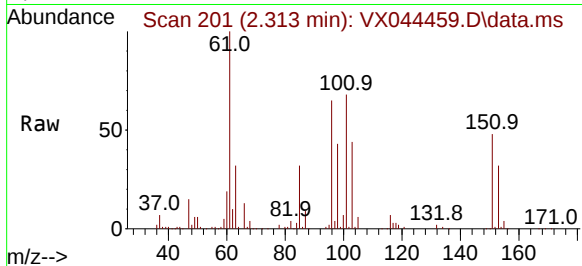




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 47.245 ug/l  
RT: 2.313 min Scan# 201  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

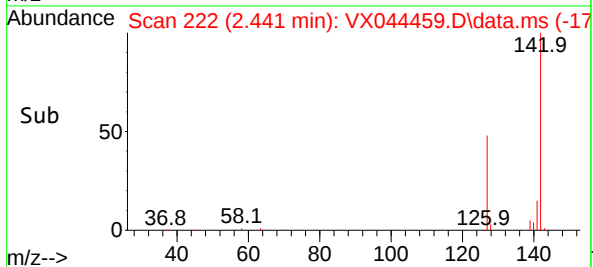
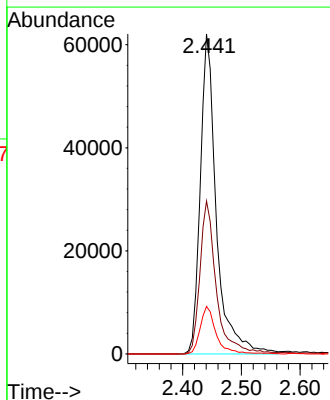
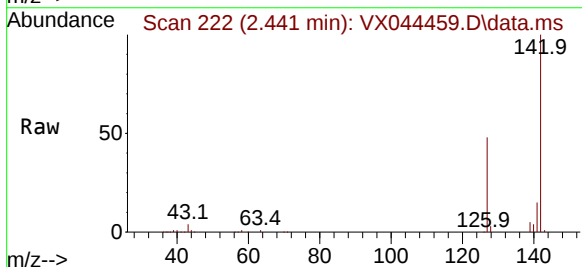
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MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212MS

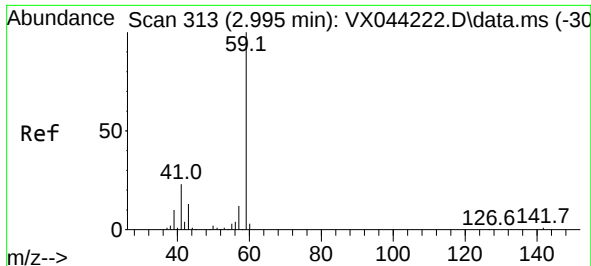
Tgt Ion:101 Resp: 80805  
Ion Ratio Lower Upper  
101 100  
85 46.1 38.5 57.7  
151 73.8 55.8 83.6



#10  
Methyl Iodide  
Concen: 52.385 ug/l  
RT: 2.441 min Scan# 222  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Tgt Ion:142 Resp: 118084  
Ion Ratio Lower Upper  
142 100  
127 49.1 41.8 62.8  
141 14.8 11.5 17.3

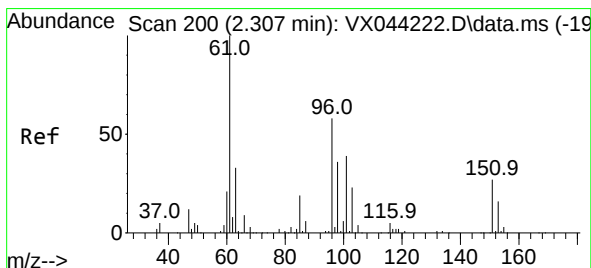
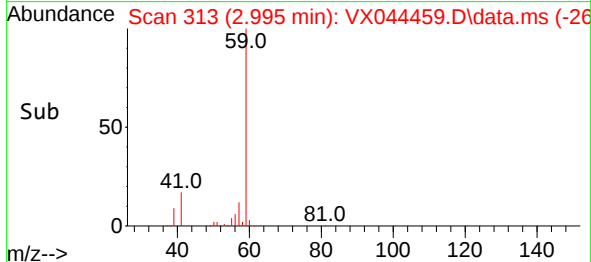
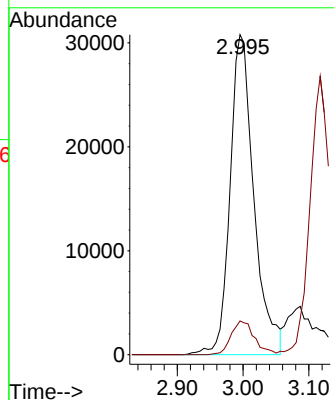
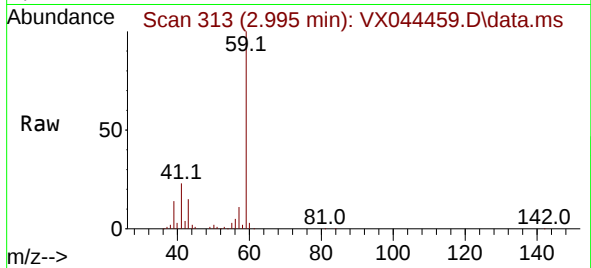




#11  
Tert butyl alcohol  
Concen: 224.139 ug/l  
RT: 2.995 min Scan# 313  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

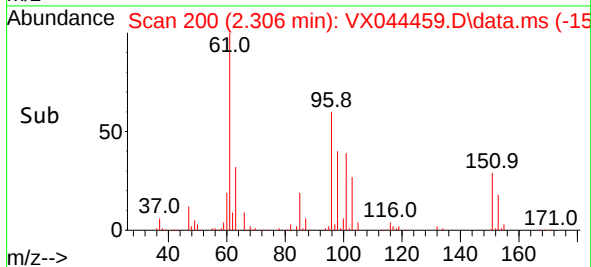
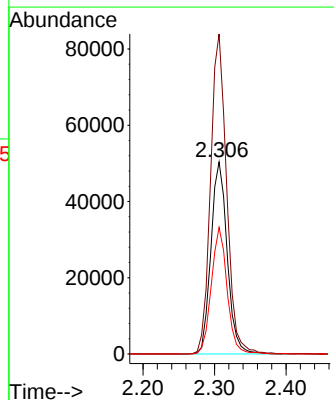
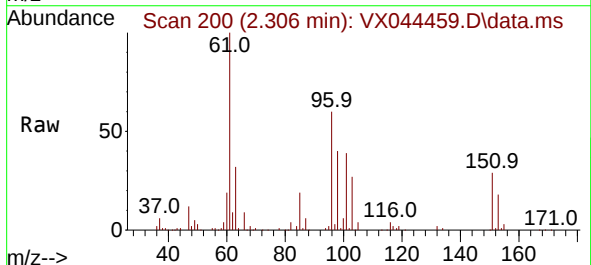
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212MS

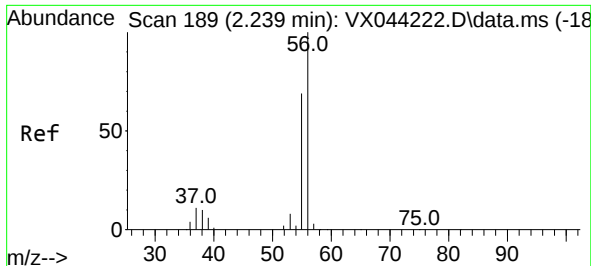
Tgt Ion: 59 Resp: 77626  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.8 13.2



#12  
1,1-Dichloroethene  
Concen: 50.724 ug/l  
RT: 2.306 min Scan# 200  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Tgt Ion: 96 Resp: 79685  
Ion Ratio Lower Upper  
96 100  
61 166.7 138.0 207.0  
98 65.9 50.0 75.0

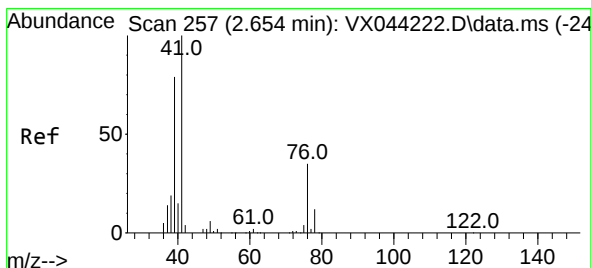
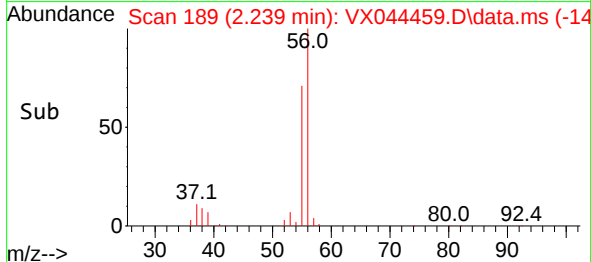
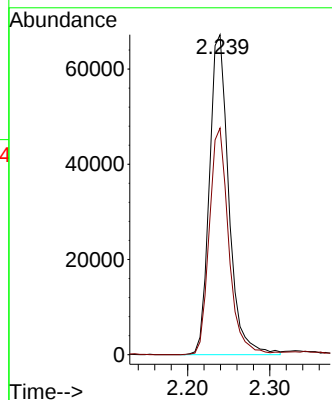
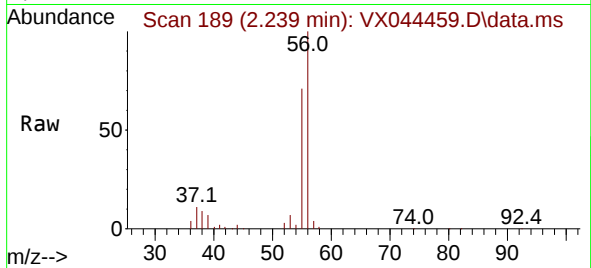




#13  
Acrolein  
Concen: 219.817 ug/l  
RT: 2.239 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

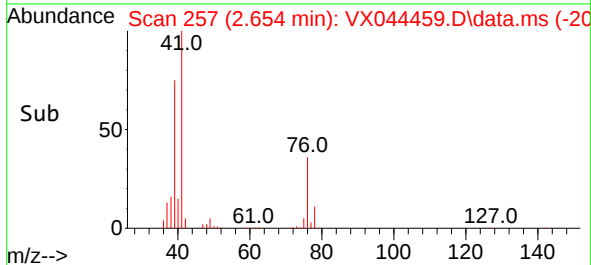
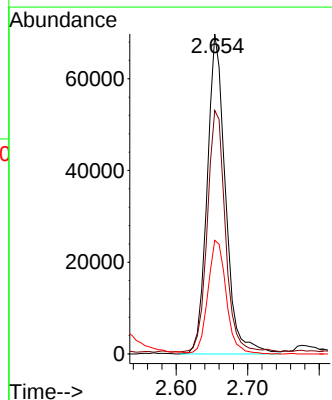
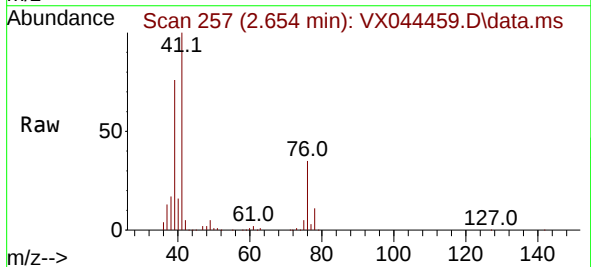
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212MS

Tgt Ion: 56 Resp: 110200  
Ion Ratio Lower Upper  
56 100  
55 70.7 56.6 84.8



#14  
Allyl chloride  
Concen: 47.568 ug/l  
RT: 2.654 min Scan# 257  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Tgt Ion: 41 Resp: 124467  
Ion Ratio Lower Upper  
41 100  
39 74.1 61.9 92.9  
76 35.4 27.4 41.2

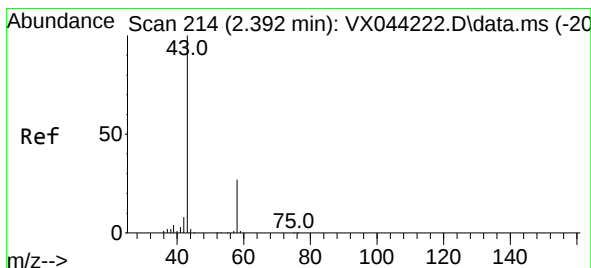
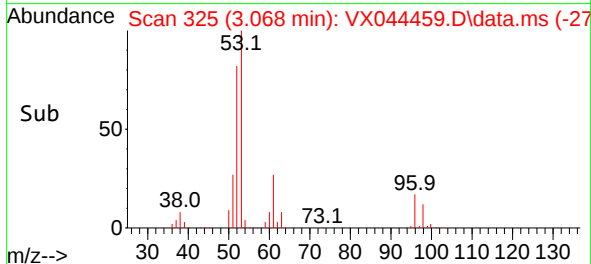
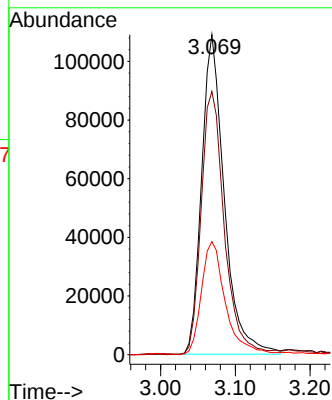
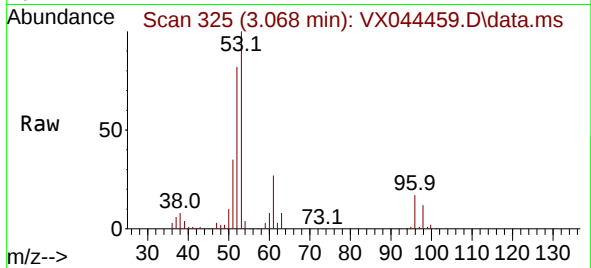




#15  
Acrylonitrile  
Concen: 239.548 ug/l  
RT: 3.068 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

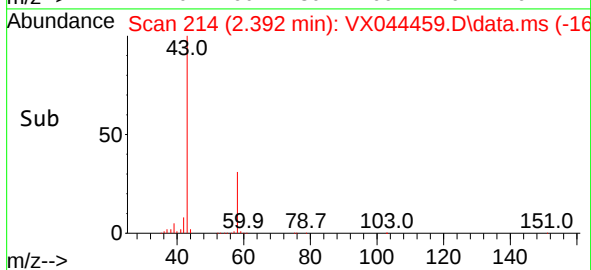
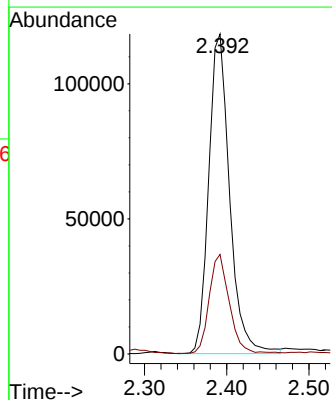
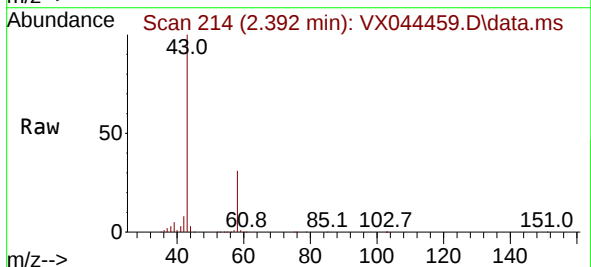
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ClientSampleId :  
BPOW6-11-20241212MS

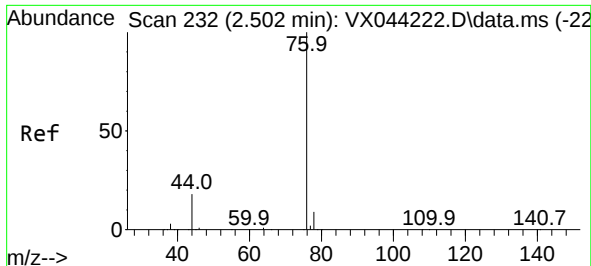
Tgt Ion: 53 Resp: 229810  
Ion Ratio Lower Upper  
53 100  
52 84.2 67.4 101.0  
51 37.0 30.3 45.5



#16  
Acetone  
Concen: 208.669 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Tgt Ion: 43 Resp: 209050  
Ion Ratio Lower Upper  
43 100  
58 30.9 21.6 32.4

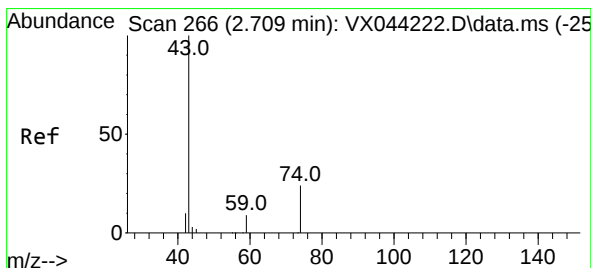
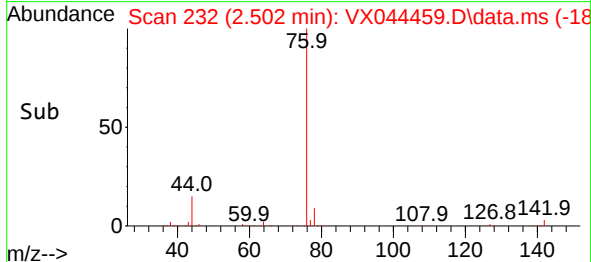
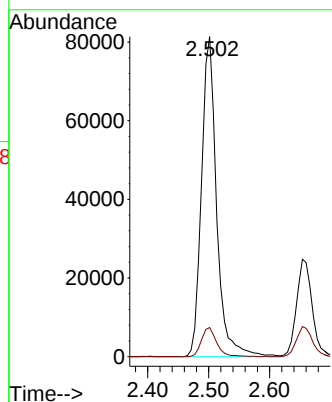
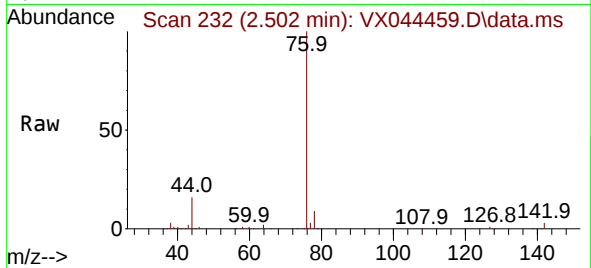




#17  
Carbon Disulfide  
Concen: 47.002 ug/l  
RT: 2.502 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

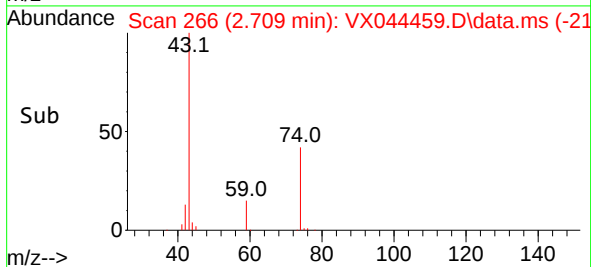
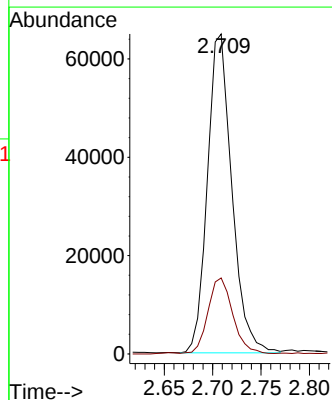
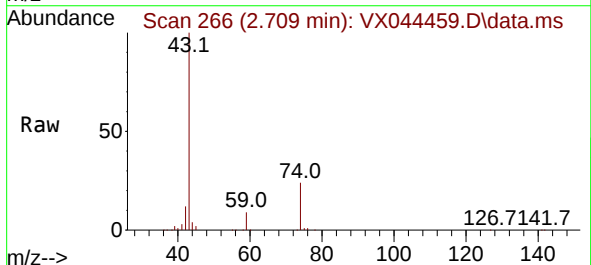
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212MS

Tgt Ion: 76 Resp: 140358  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.4 11.0



#18  
Methyl Acetate  
Concen: 44.248 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Tgt Ion: 43 Resp: 114297  
Ion Ratio Lower Upper  
43 100  
74 23.7 17.7 26.5

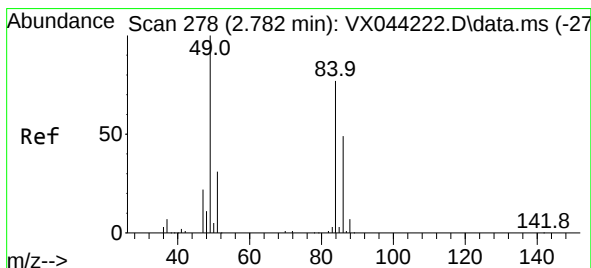
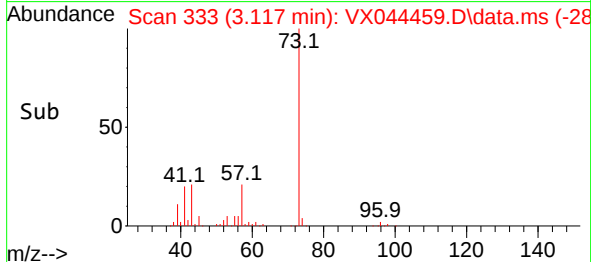
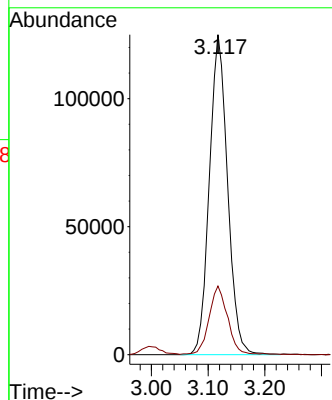
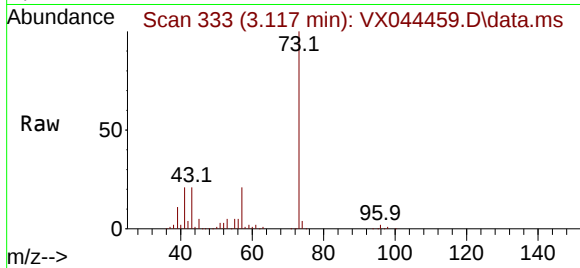




#19  
Methyl tert-butyl Ether  
Concen: 45.426 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

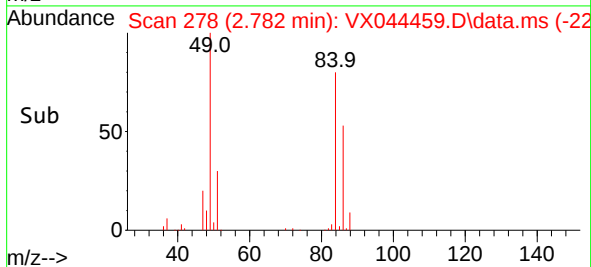
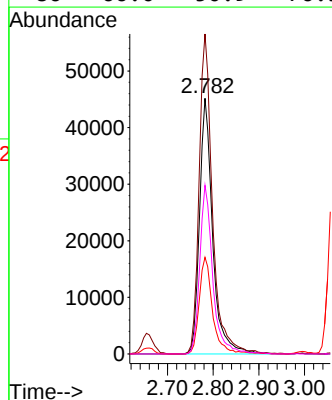
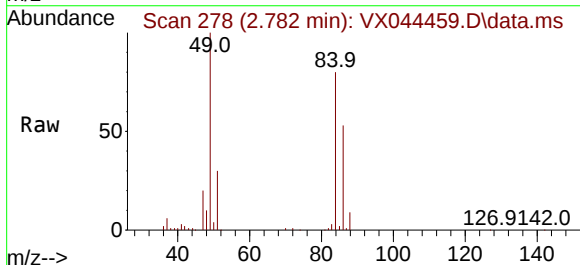
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212MS

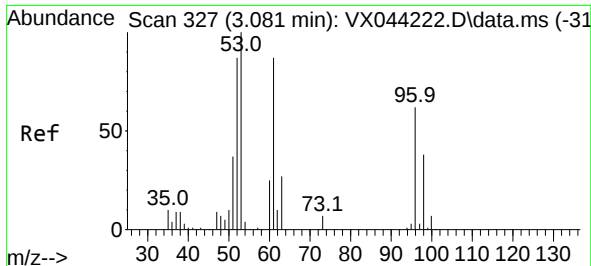
Tgt Ion: 73 Resp: 278483  
Ion Ratio Lower Upper  
73 100  
57 21.3 16.2 24.4



#20  
Methylene Chloride  
Concen: 48.034 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Tgt Ion: 84 Resp: 90385  
Ion Ratio Lower Upper  
84 100  
49 125.2 104.2 156.4  
51 37.8 32.2 48.4  
86 66.0 50.9 76.3

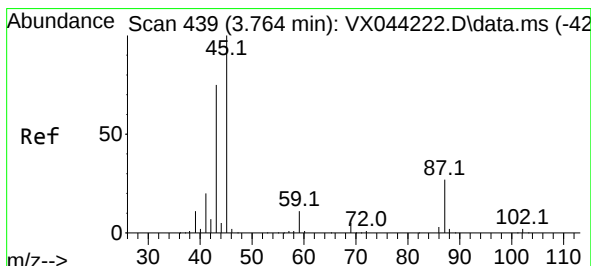
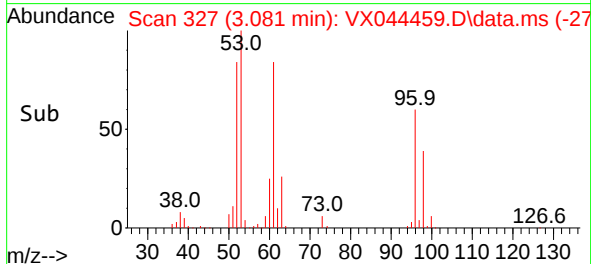
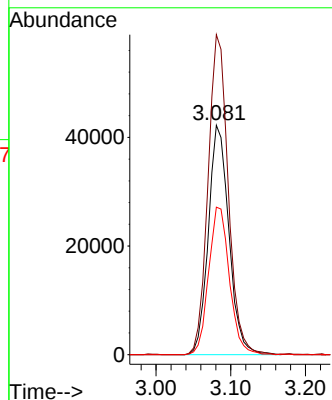
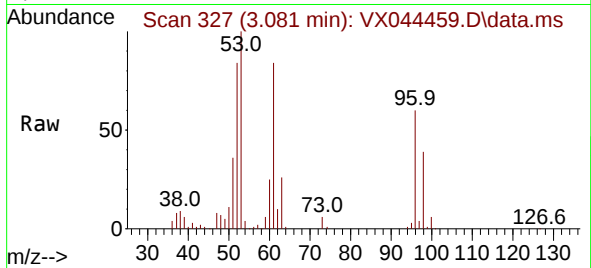




#21  
trans-1,2-Dichloroethene  
Concen: 48.327 ug/l  
RT: 3.081 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

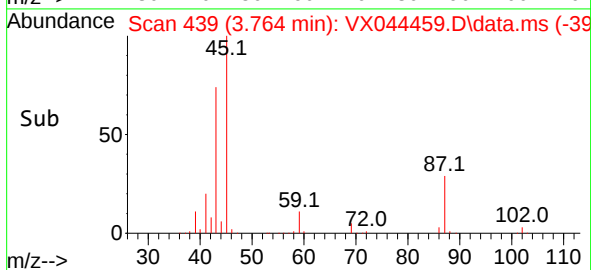
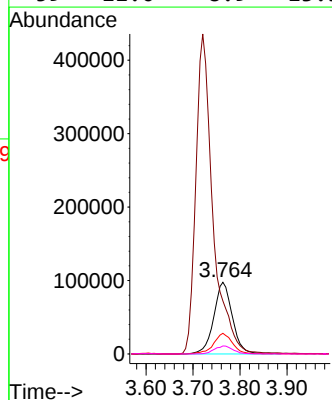
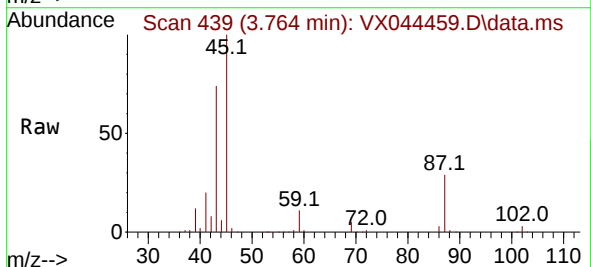
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MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212MS

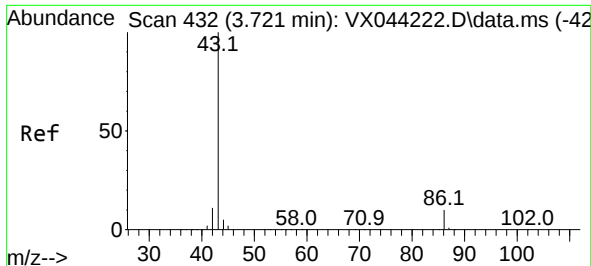
Tgt Ion: 96 Resp: 80686  
Ion Ratio Lower Upper  
96 100  
61 139.4 112.0 168.0  
98 64.2 48.8 73.2



#22  
Diisopropyl ether  
Concen: 45.513 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Tgt Ion: 45 Resp: 268170  
Ion Ratio Lower Upper  
45 100  
43 73.5 60.2 90.2  
87 28.9 21.2 31.8  
59 11.0 8.9 13.3

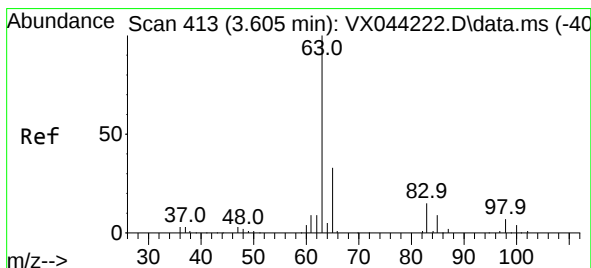
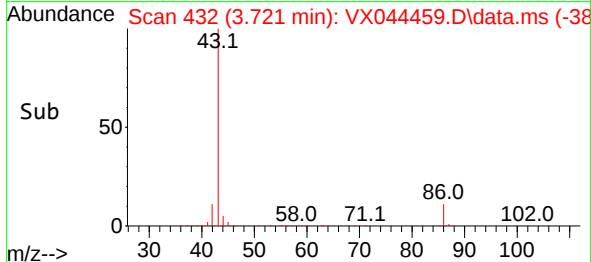
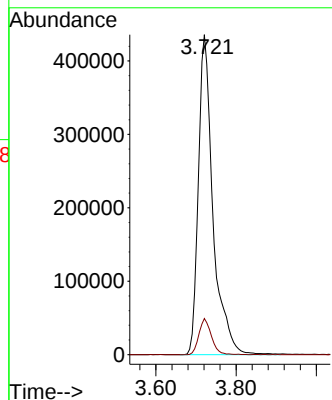
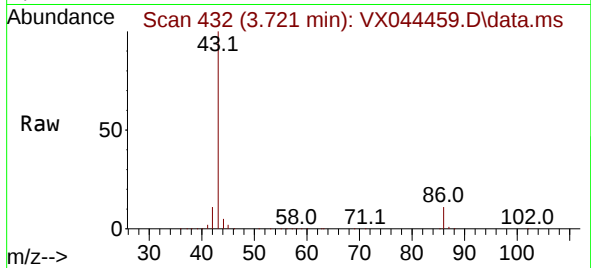




#23  
Vinyl Acetate  
Concen: 230.363 ug/l  
RT: 3.721 min Scan# 413  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

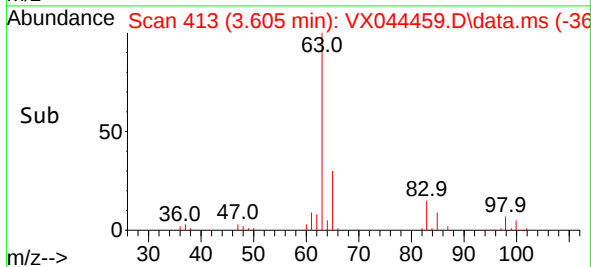
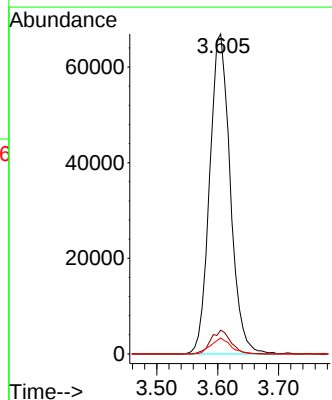
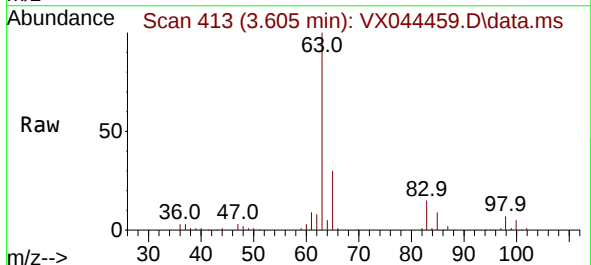
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212MS

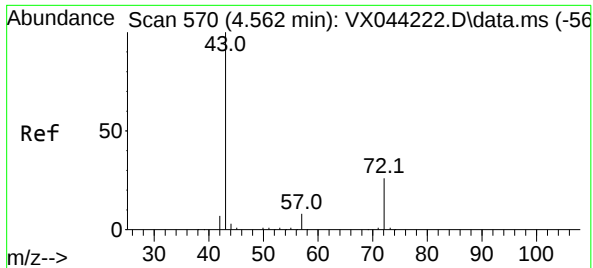
Tgt Ion: 43 Resp: 1103525  
Ion Ratio Lower Upper  
43 100  
86 11.3 8.2 12.2



#24  
1,1-Dichloroethane  
Concen: 47.808 ug/l  
RT: 3.605 min Scan# 413  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Tgt Ion: 63 Resp: 157023  
Ion Ratio Lower Upper  
63 100  
98 7.5 3.6 10.8  
100 5.0 2.1 6.3

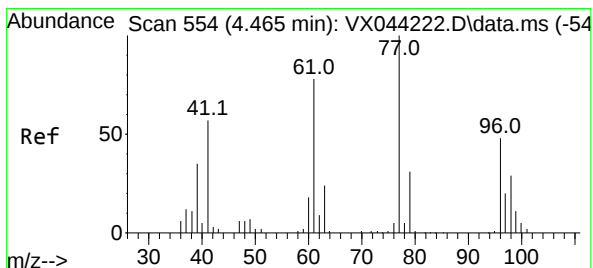
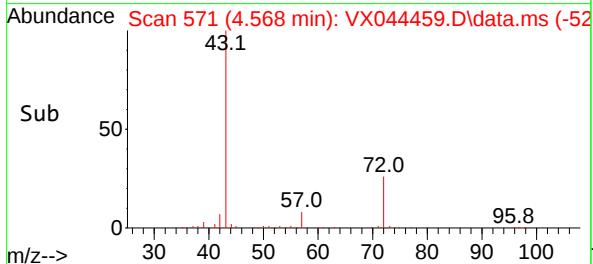
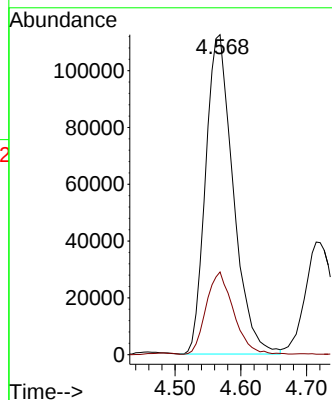
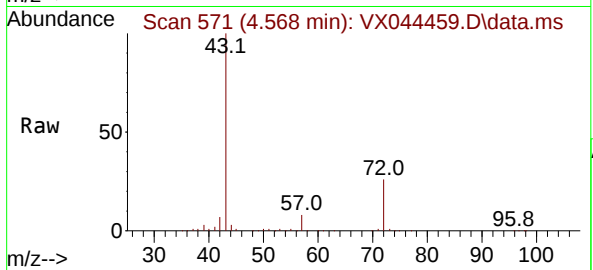




#25  
2-Butanone  
Concen: 230.512 ug/l  
RT: 4.568 min Scan# 571  
Delta R.T. 0.006 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

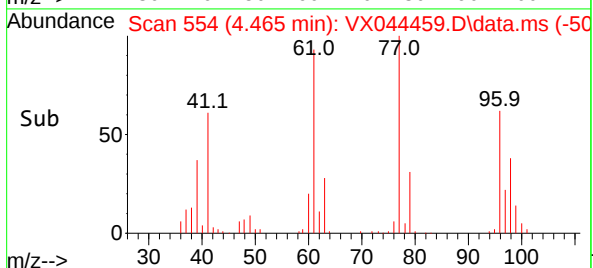
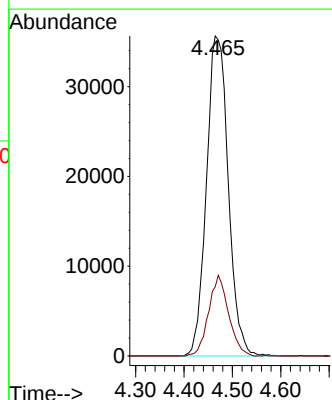
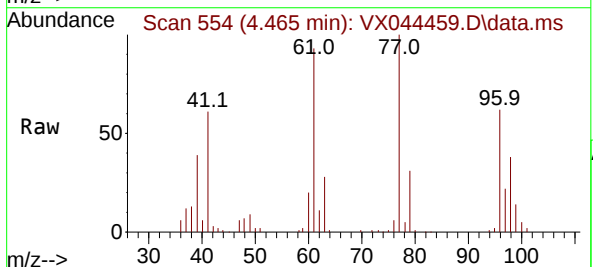
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212MS

Tgt Ion: 43 Resp: 328305  
Ion Ratio Lower Upper  
43 100  
72 25.7 20.2 30.4



#26  
2,2-Dichloropropane  
Concen: 41.893 ug/l  
RT: 4.465 min Scan# 554  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Tgt Ion: 77 Resp: 111782  
Ion Ratio Lower Upper  
77 100  
97 23.1 10.7 32.1





#27

cis-1,2-Dichloroethene

Concen: 48.372 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX044459.D

Acq: 20 Dec 2024 17:53

Instrument :

MSVOA\_X

ClientSampleId :

BPOW6-11-20241212MS

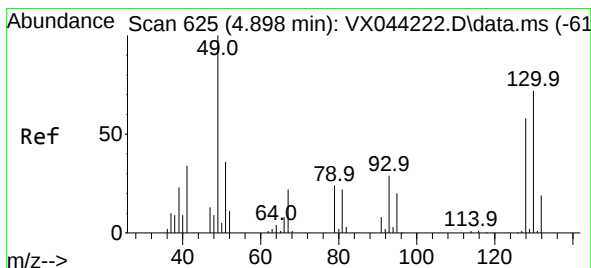
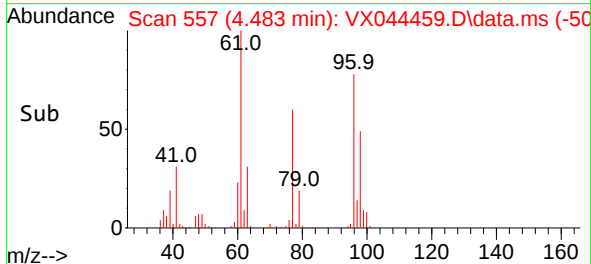
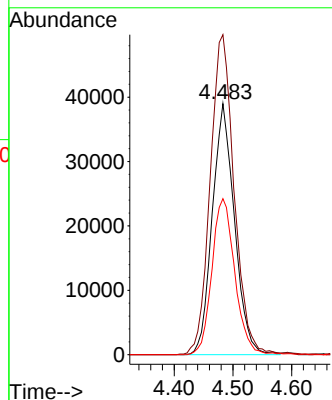
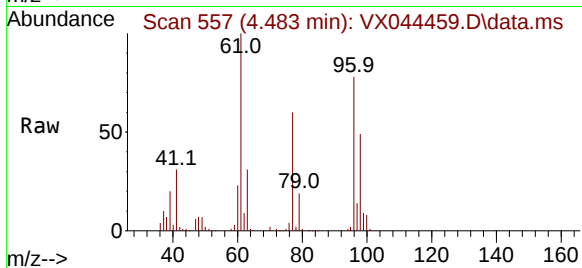
Tgt Ion: 96 Resp: 102568

Ion Ratio Lower Upper

96 100

61 137.1 0.0 299.0

98 64.2 0.0 129.0



#28

Bromochloromethane

Concen: 41.831 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX044459.D

Acq: 20 Dec 2024 17:53

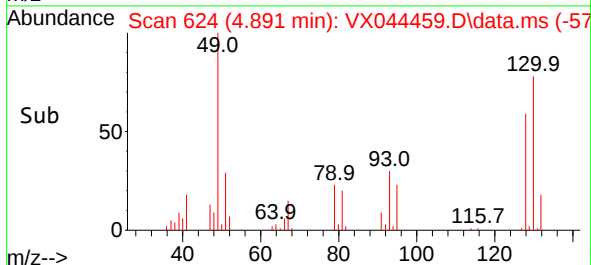
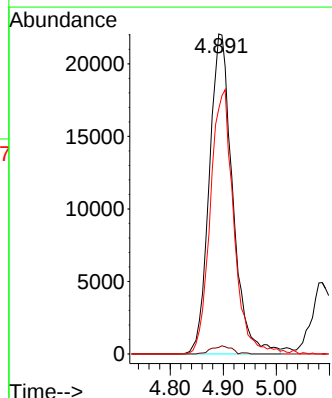
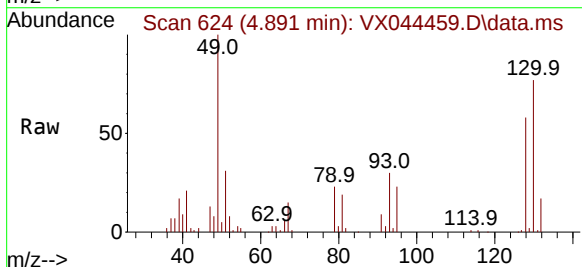
Tgt Ion: 49 Resp: 67371

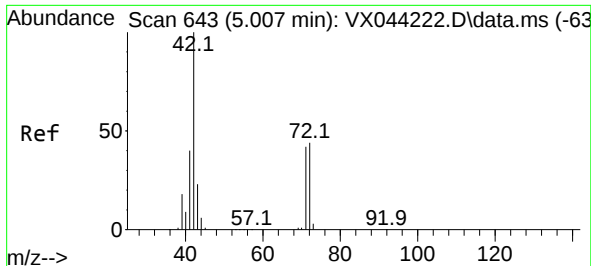
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

130 82.7 62.1 93.1





#29

Tetrahydrofuran

Concen: 231.597 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.000 min

Lab File: VX044459.D

Acq: 20 Dec 2024 17:53

Instrument :

MSVOA\_X

ClientSampleId :

BPOW6-11-20241212MS

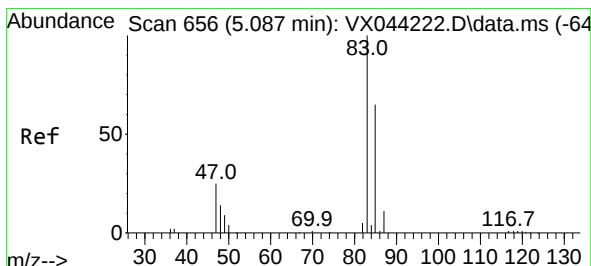
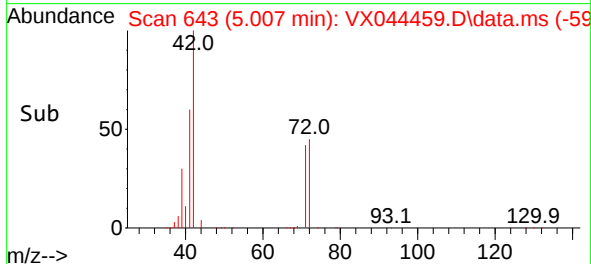
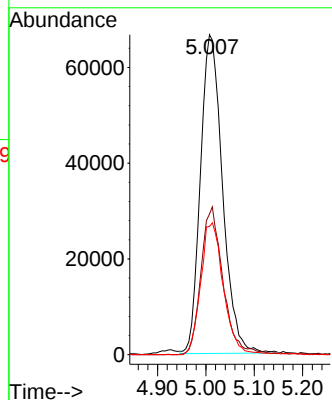
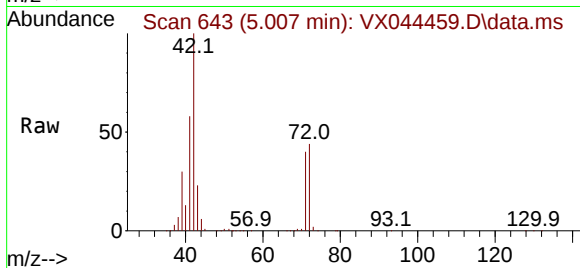
Tgt Ion: 42 Resp: 211720

Ion Ratio Lower Upper

42 100

72 46.3 37.0 55.6

71 42.3 33.6 50.4



#30

Chloroform

Concen: 45.945 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX044459.D

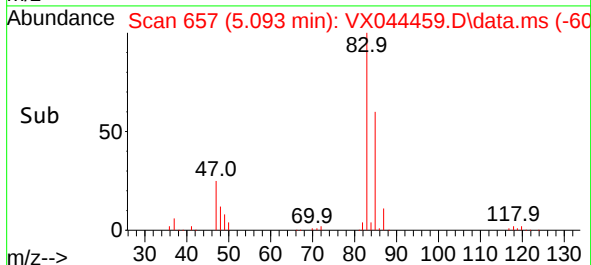
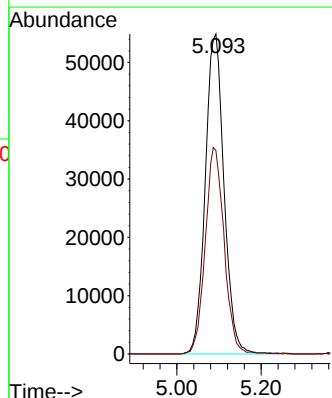
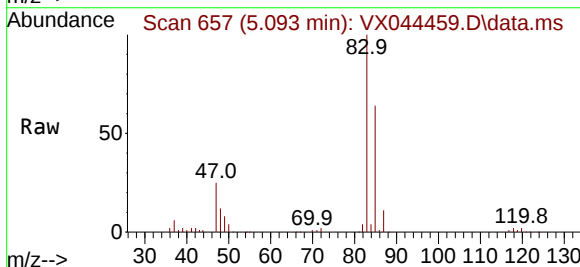
Acq: 20 Dec 2024 17:53

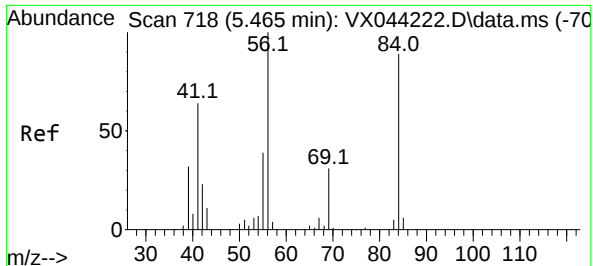
Tgt Ion: 83 Resp: 169547

Ion Ratio Lower Upper

83 100

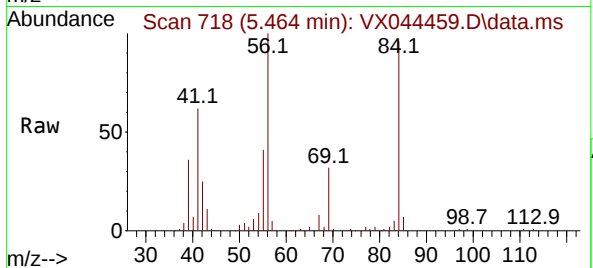
85 63.6 51.6 77.4





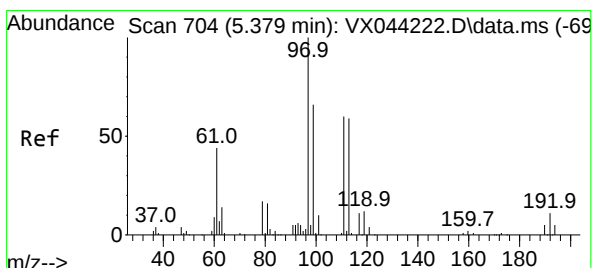
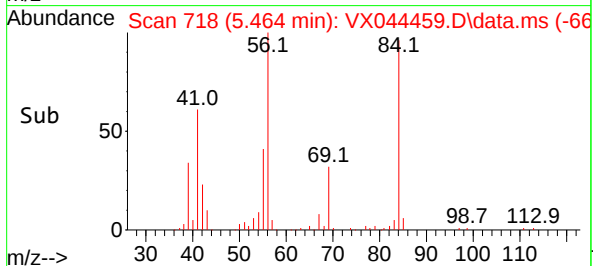
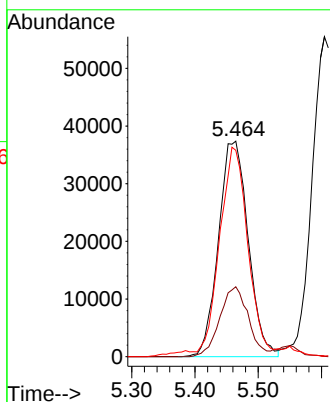
#31  
Cyclohexane  
Concen: 45.963 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212MS



Tgt Ion: 56 Resp: 121904

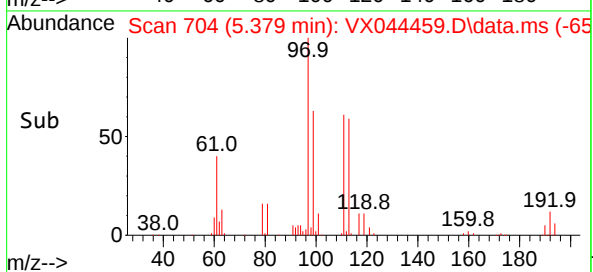
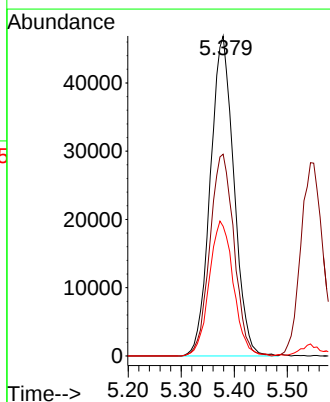
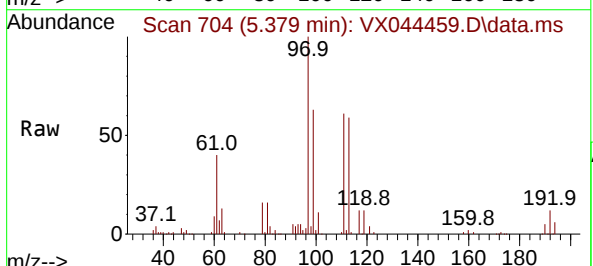
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 32.5  | 24.7  | 37.1  |
| 84  | 93.7  | 71.0  | 106.6 |

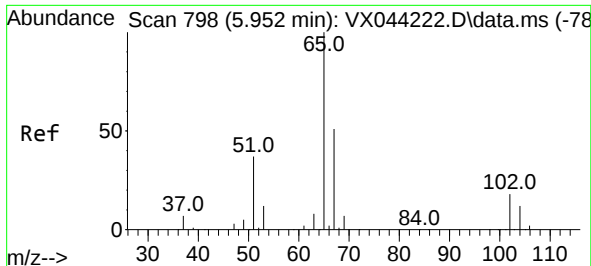


#32  
1,1,1-Trichloroethane  
Concen: 47.292 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Tgt Ion: 97 Resp: 144864

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.8  | 50.8  | 76.2  |
| 61  | 43.3  | 35.2  | 52.8  |





#33

1,2-Dichloroethane-d4

Concen: 44.601 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044459.D

Acq: 20 Dec 2024 17:53

Instrument :

MSVOA\_X

ClientSampleId :

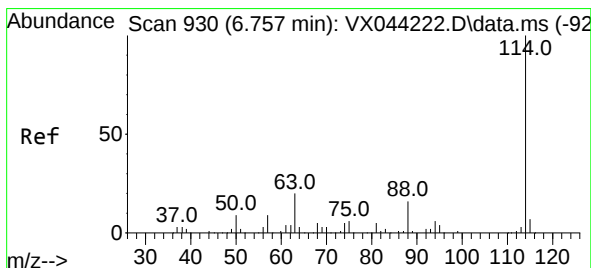
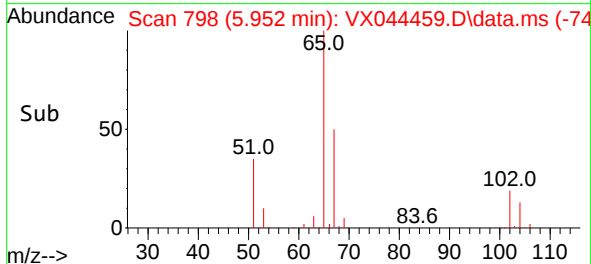
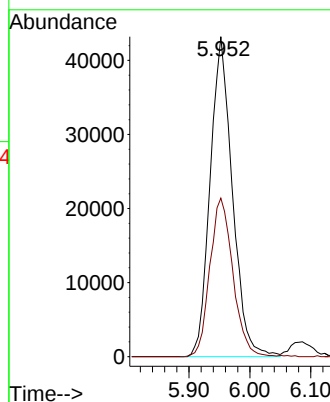
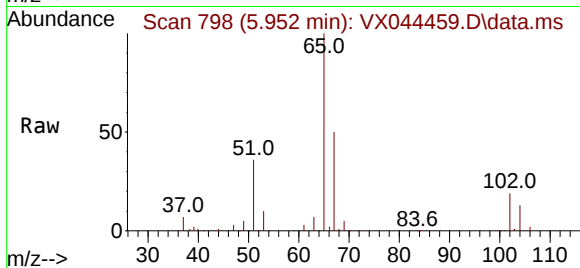
BPOW6-11-20241212MS

Tgt Ion: 65 Resp: 109601

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: VX044459.D

Acq: 20 Dec 2024 17:53

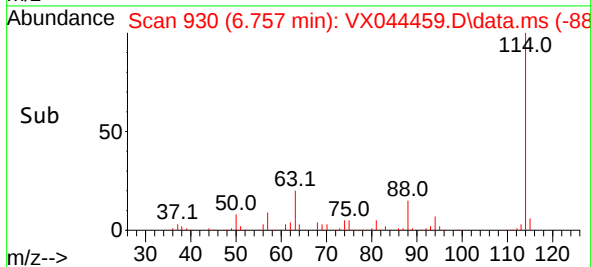
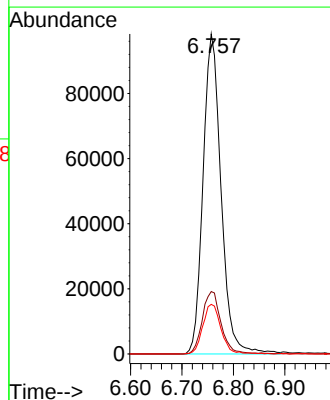
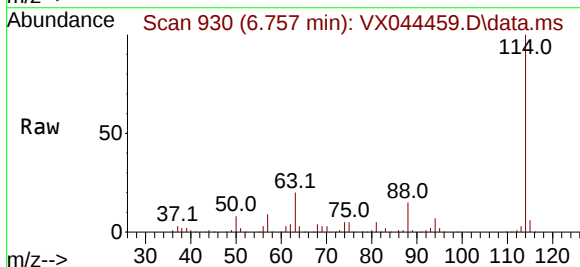
Tgt Ion: 114 Resp: 239394

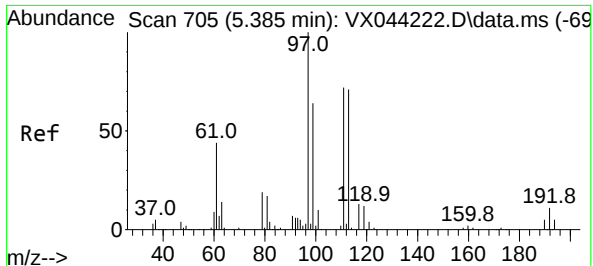
Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.6

88 15.5 0.0 31.8

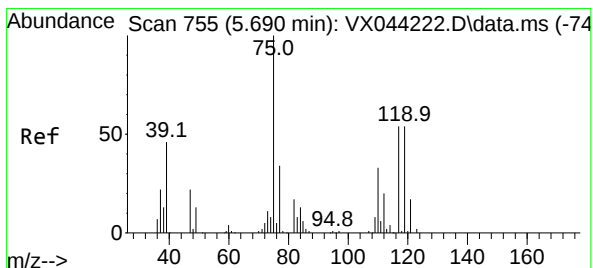
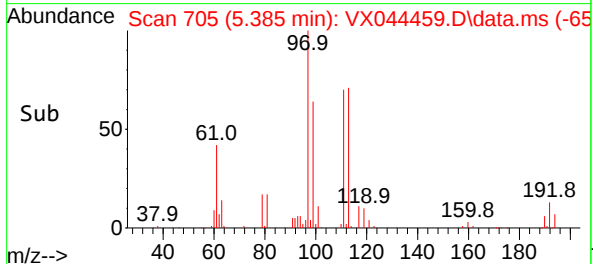
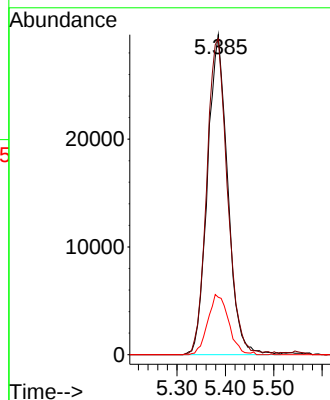
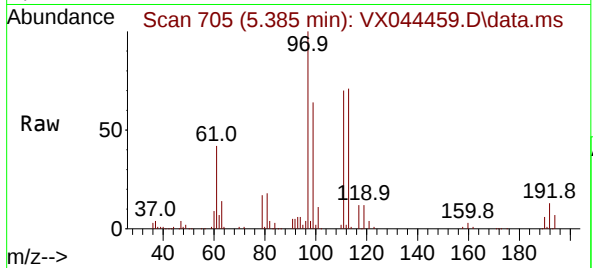




#35  
Dibromofluoromethane  
Concen: 51.924 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

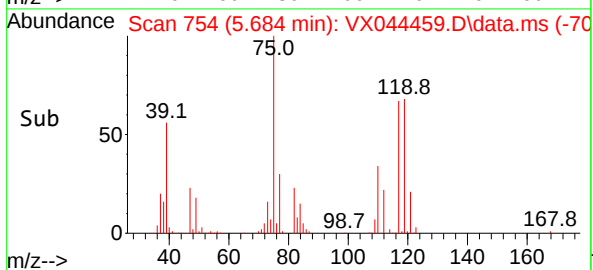
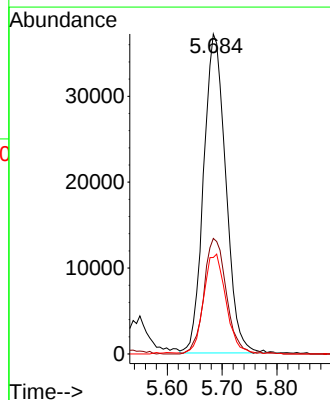
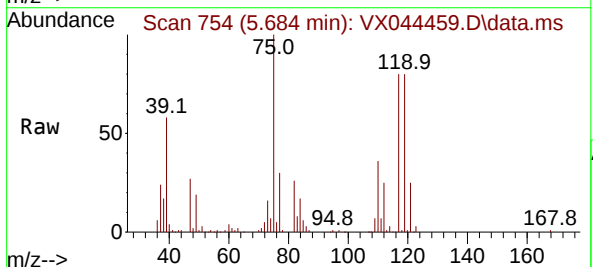
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212MS

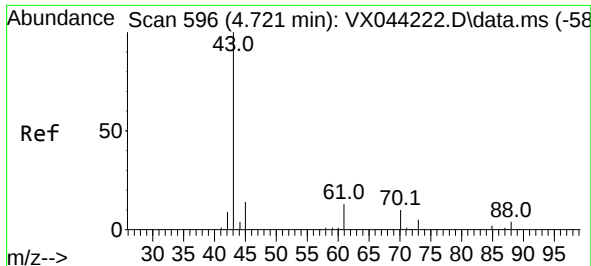
Tgt Ion:113 Resp: 86091  
Ion Ratio Lower Upper  
113 100  
111 101.0 80.4 120.6  
192 19.4 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 48.620 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Tgt Ion: 75 Resp: 104204  
Ion Ratio Lower Upper  
75 100  
110 36.5 17.3 51.7  
77 31.2 25.4 38.0





#37

Ethyl Acetate

Concen: 46.855 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.006 min

Lab File: VX044459.D

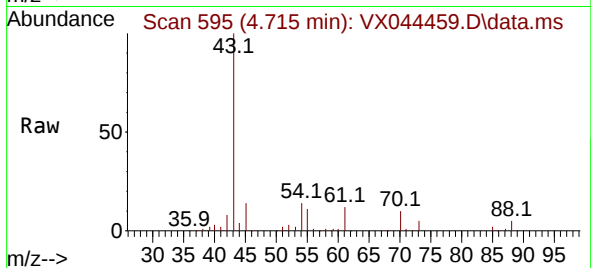
Acq: 20 Dec 2024 17:53

Instrument :

MSVOA\_X

ClientSampleId :

BPOW6-11-20241212MS



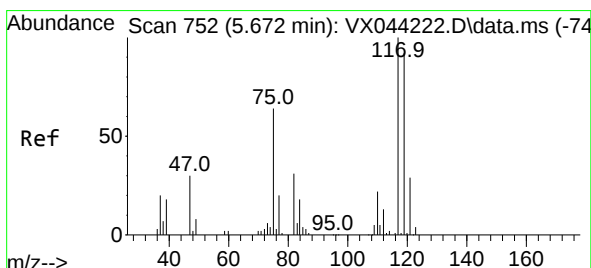
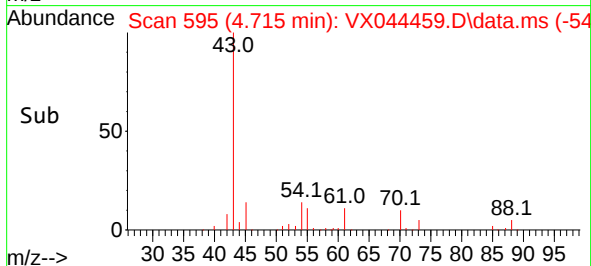
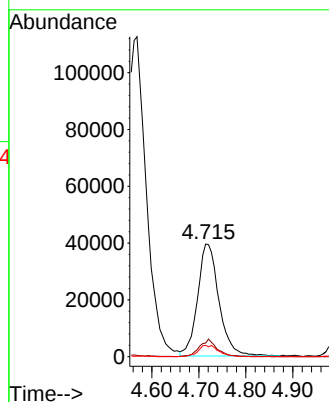
Tgt Ion: 43 Resp: 124133

Ion Ratio Lower Upper

43 100

61 12.9 9.8 14.8

70 9.8 7.7 11.5



#38

Carbon Tetrachloride

Concen: 50.082 ug/l

RT: 5.666 min Scan# 751

Delta R.T. -0.006 min

Lab File: VX044459.D

Acq: 20 Dec 2024 17:53

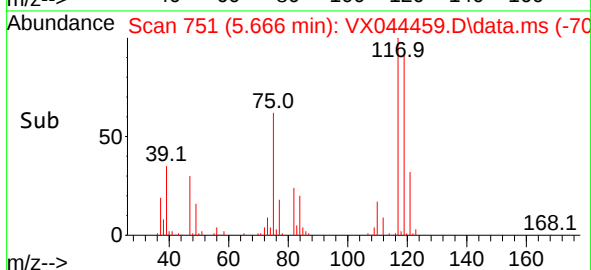
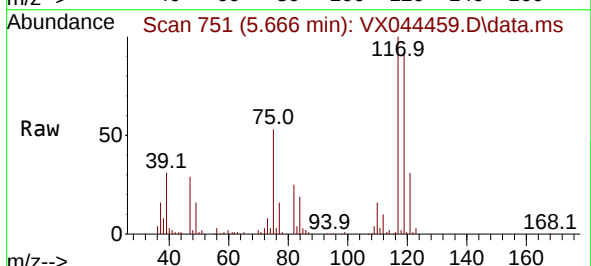
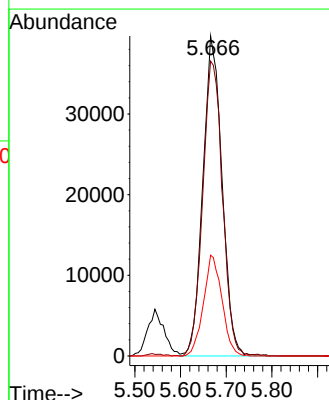
Tgt Ion: 117 Resp: 115559

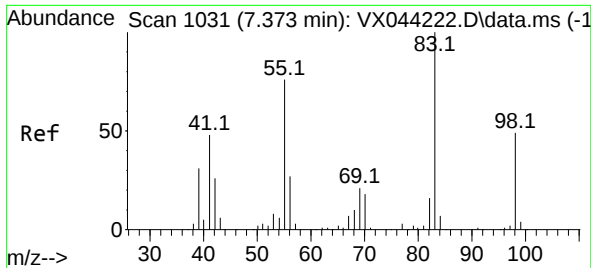
Ion Ratio Lower Upper

117 100

119 92.2 74.2 111.4

121 31.5 23.0 34.6

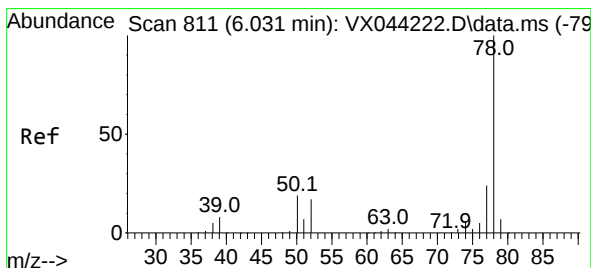
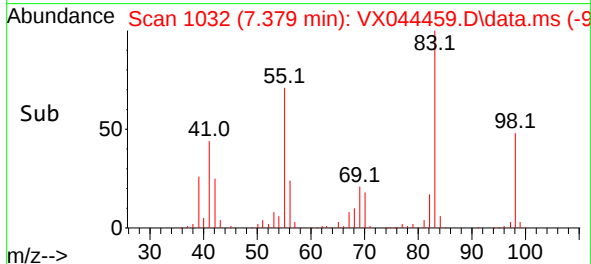
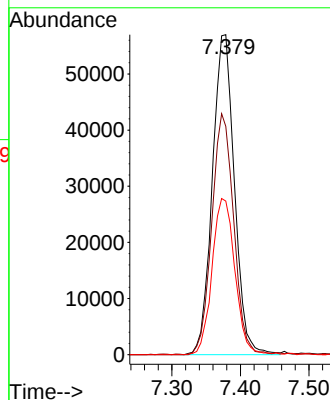
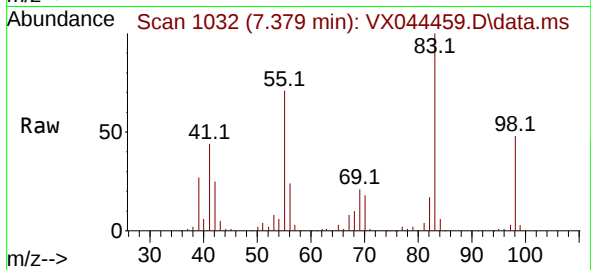




#39  
Methylcyclohexane  
Concen: 49.714 ug/l  
RT: 7.379 min Scan# 1031  
Delta R.T. 0.006 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

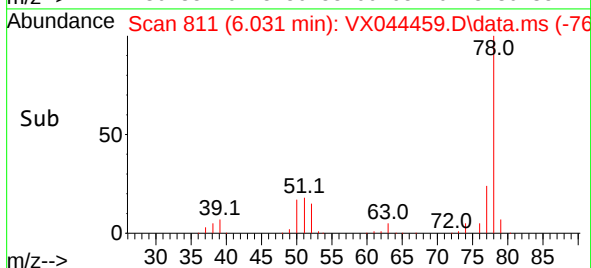
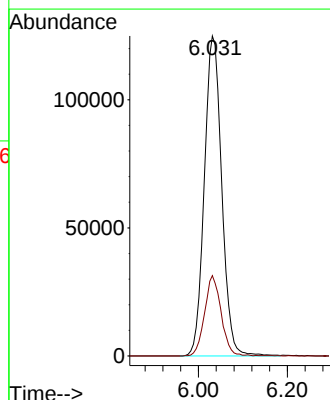
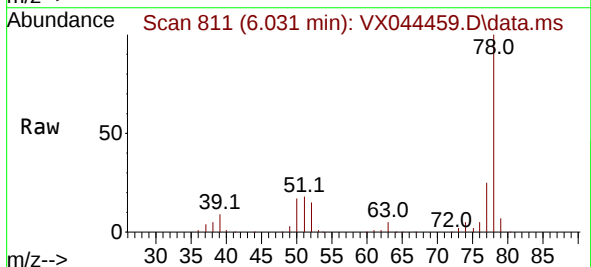
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212MS

Tgt Ion: 83 Resp: 127374  
Ion Ratio Lower Upper  
83 100  
55 71.2 60.7 91.1  
98 48.0 38.9 58.3



#40  
Benzene  
Concen: 52.425 ug/l  
RT: 6.031 min Scan# 811  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Tgt Ion: 78 Resp: 341138  
Ion Ratio Lower Upper  
78 100  
77 25.1 19.3 28.9



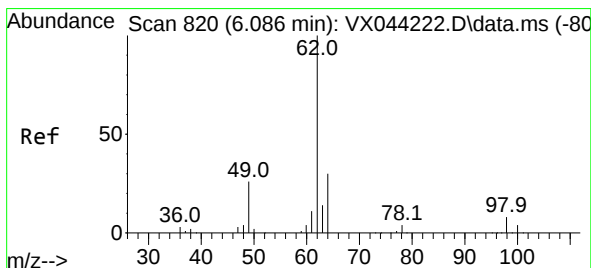
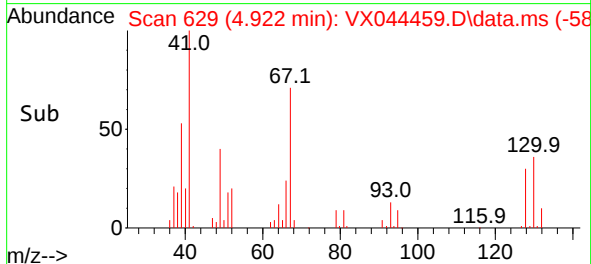
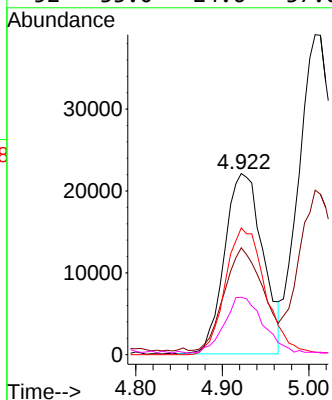
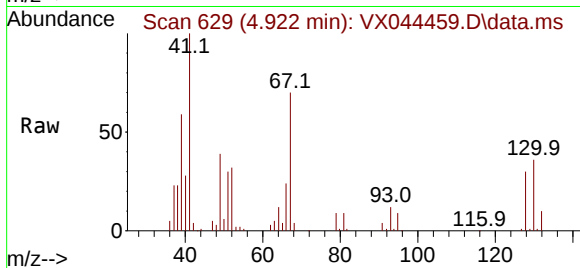


#41  
Methacrylonitrile  
Concen: 48.221 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212MS

Tgt Ion: 41 Resp: 67837

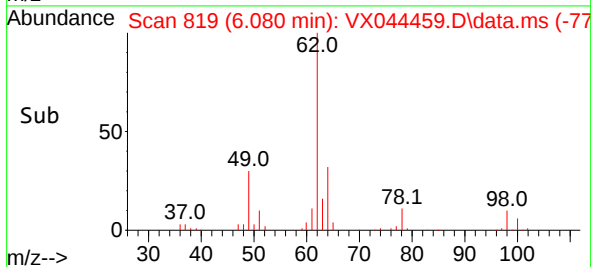
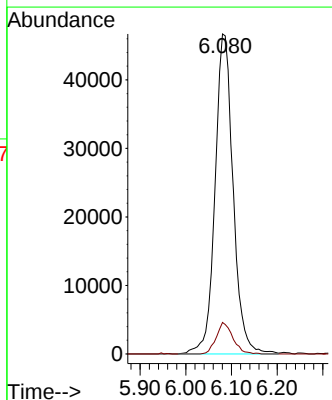
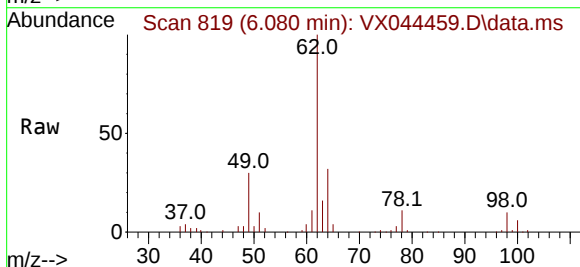
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 56.9  | 44.2  | 66.4  |
| 67  | 73.9  | 57.2  | 85.8  |
| 52  | 33.0  | 24.6  | 37.0  |

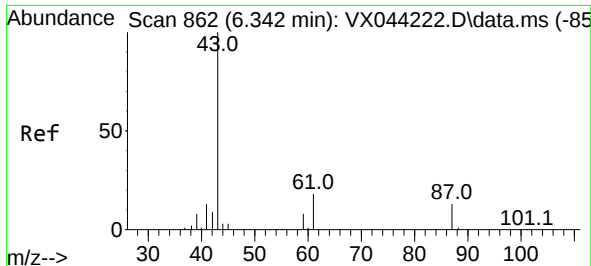


#42  
1,2-Dichloroethane  
Concen: 47.967 ug/l  
RT: 6.080 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Tgt Ion: 62 Resp: 128577

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.0   | 0.0   | 15.8  |

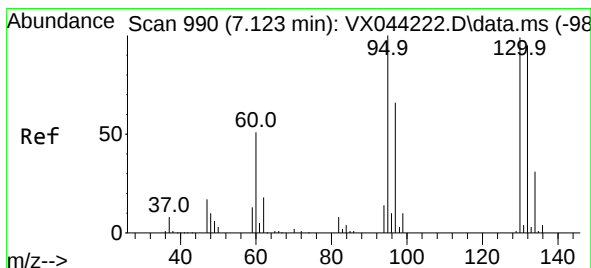
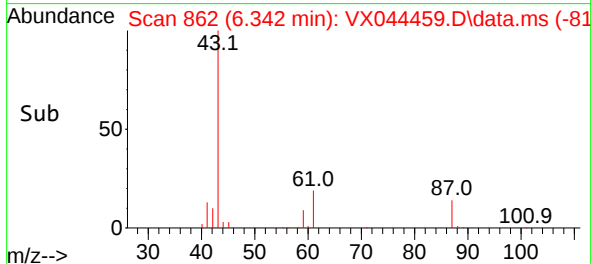
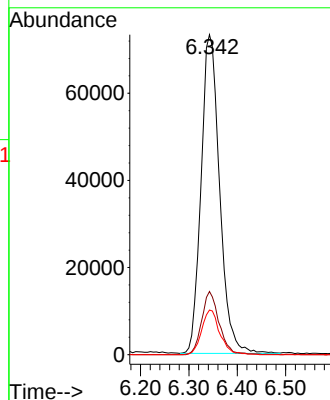
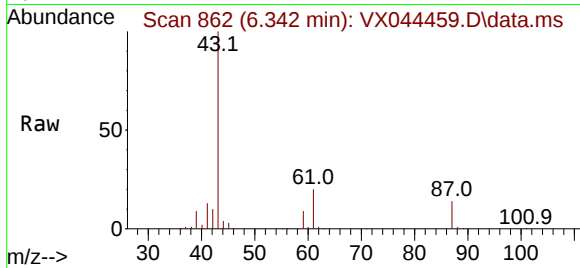




#43  
Isopropyl Acetate  
Concen: 47.143 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

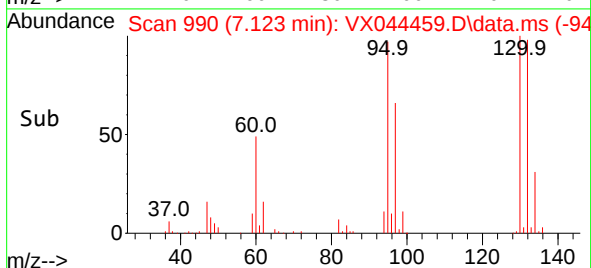
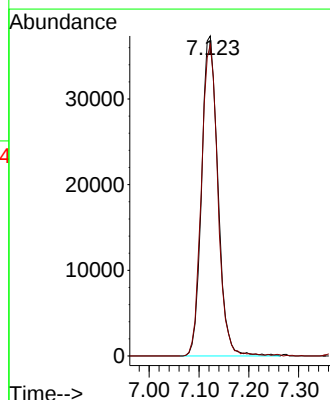
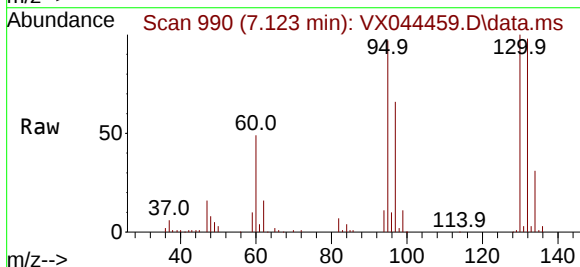
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212MS

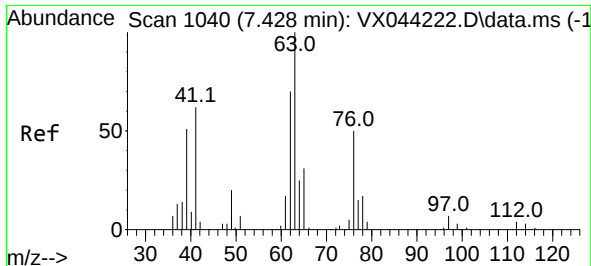
Tgt Ion: 43 Resp: 195208  
Ion Ratio Lower Upper  
43 100  
61 18.6 14.2 21.2  
87 13.7 10.2 15.2



#44  
Trichloroethene  
Concen: 52.172 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Tgt Ion:130 Resp: 84661  
Ion Ratio Lower Upper  
130 100  
95 97.3 0.0 201.4





#45

1,2-Dichloropropane

Concen: 49.483 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX044459.D

Acq: 20 Dec 2024 17:53

Instrument :

MSVOA\_X

ClientSampleId :

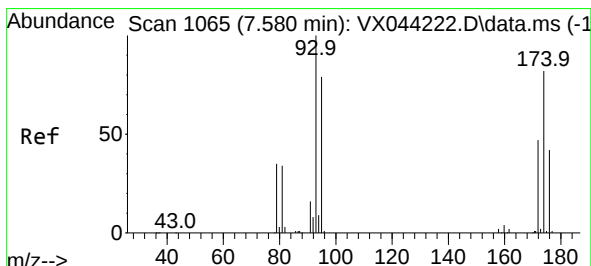
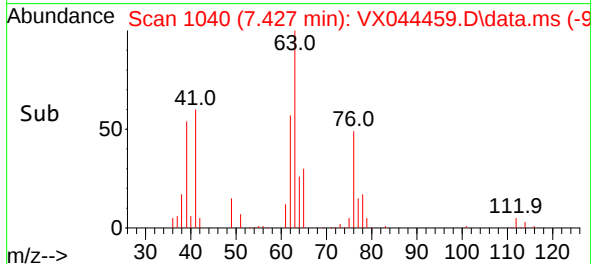
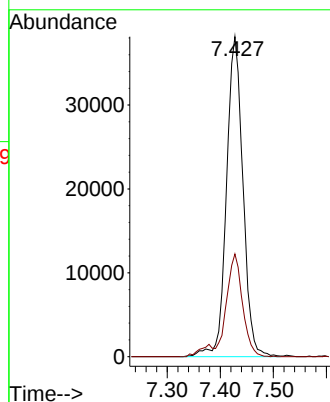
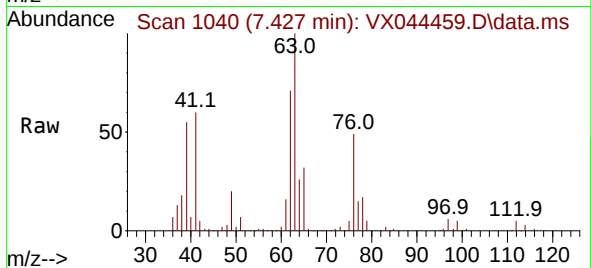
BPOW6-11-20241212MS

Tgt Ion: 63 Resp: 82264

Ion Ratio Lower Upper

63 100

65 32.1 24.6 37.0



#46

Dibromomethane

Concen: 51.691 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX044459.D

Acq: 20 Dec 2024 17:53

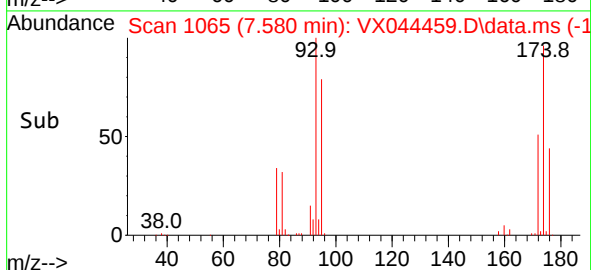
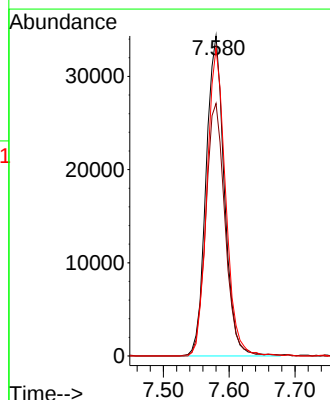
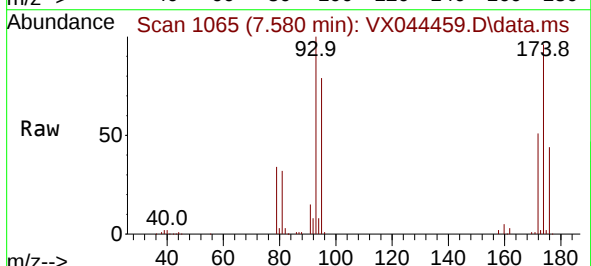
Tgt Ion: 93 Resp: 66668

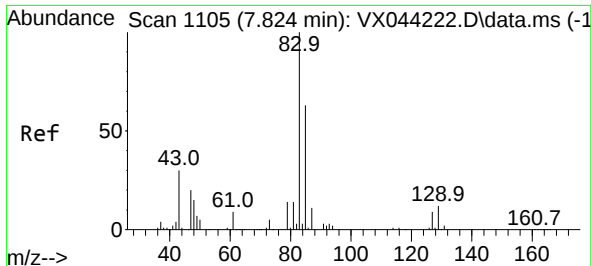
Ion Ratio Lower Upper

93 100

95 82.7 65.4 98.2

174 97.4 67.9 101.9

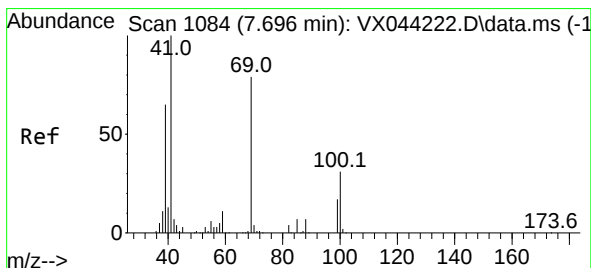
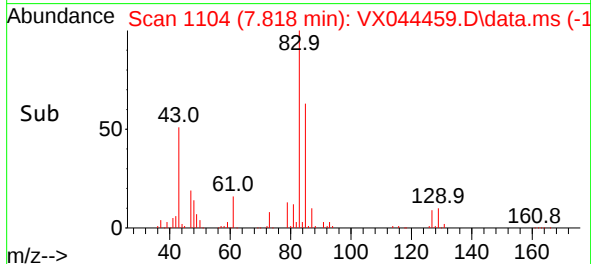
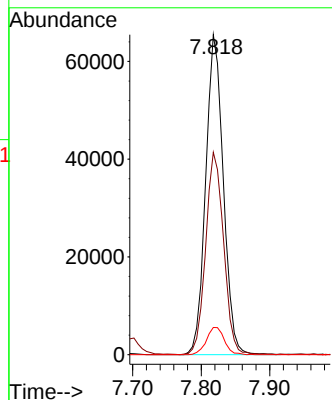
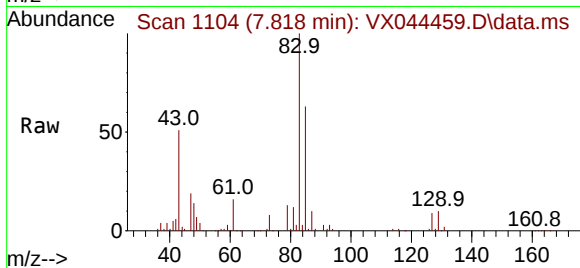




#47  
Bromodichloromethane  
Concen: 52.701 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

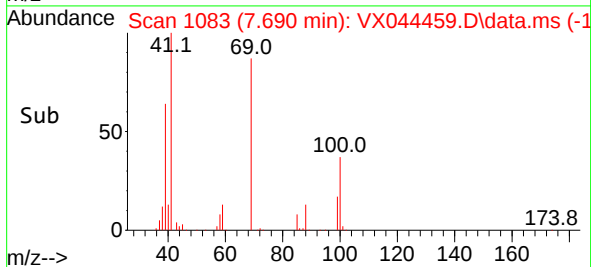
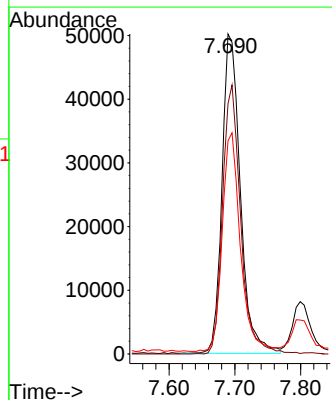
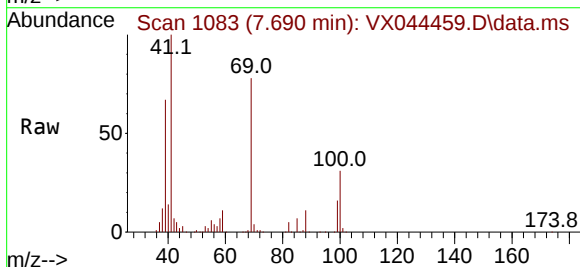
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212MS

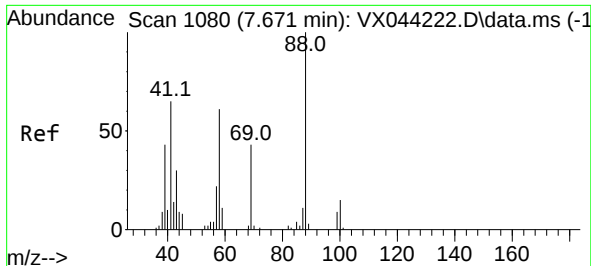
Tgt Ion: 83 Resp: 117389  
Ion Ratio Lower Upper  
83 100  
85 63.3 50.6 75.8  
127 8.5 7.3 10.9



#48  
Methyl methacrylate  
Concen: 48.264 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. -0.006 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Tgt Ion: 41 Resp: 97013  
Ion Ratio Lower Upper  
41 100  
69 83.4 62.4 93.6  
39 67.7 53.3 79.9





#49

1,4-Dioxane

Concen: 1304.811 ug/l

RT: 7.665 min Scan# 1080

Delta R.T. -0.006 min

Lab File: VX044459.D

Acq: 20 Dec 2024 17:53

Instrument :

MSVOA\_X

ClientSampleId :

BPOW6-11-20241212MS

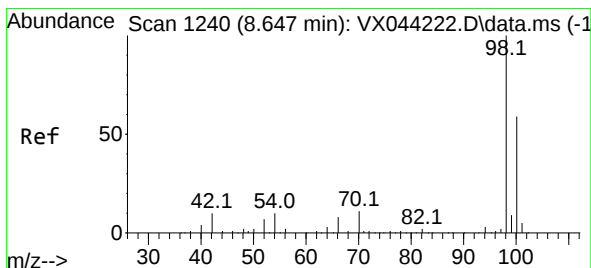
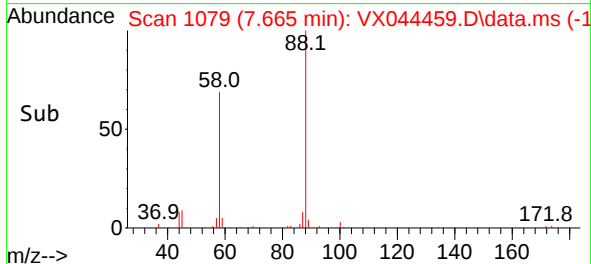
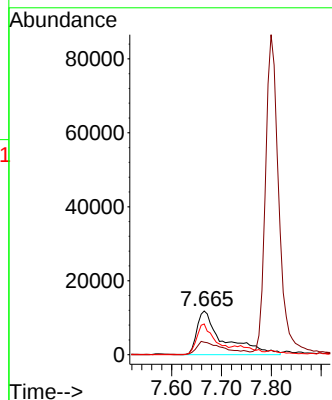
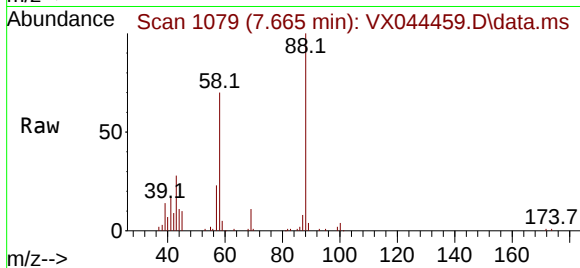
Tgt Ion: 88 Resp: 43484

Ion Ratio Lower Upper

88 100

43 29.6 27.1 40.7

58 47.8 41.0 61.4



#50

Toluene-d8

Concen: 52.867 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX044459.D

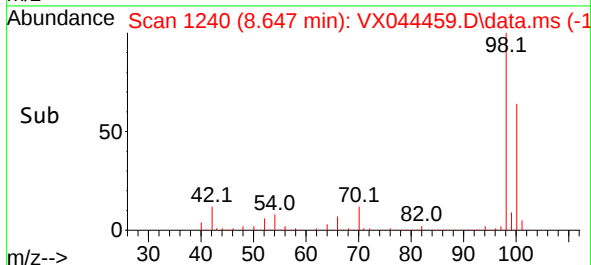
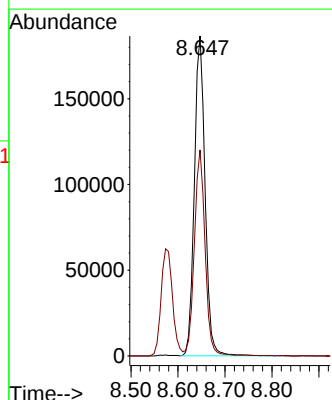
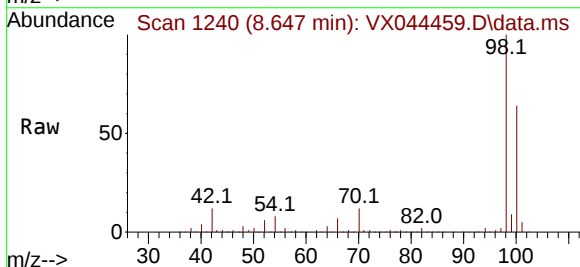
Acq: 20 Dec 2024 17:53

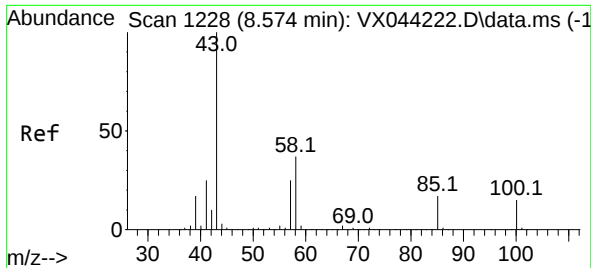
Tgt Ion: 98 Resp: 295724

Ion Ratio Lower Upper

98 100

100 63.9 51.5 77.3

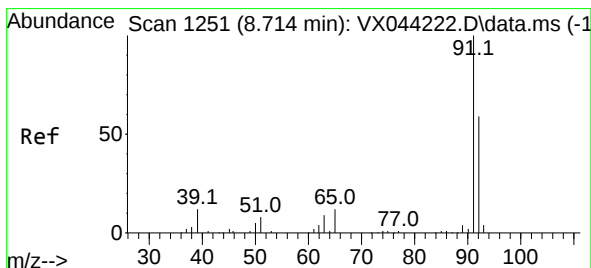
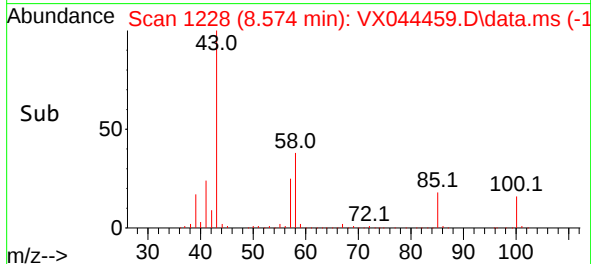
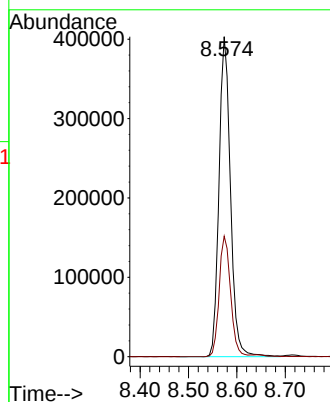
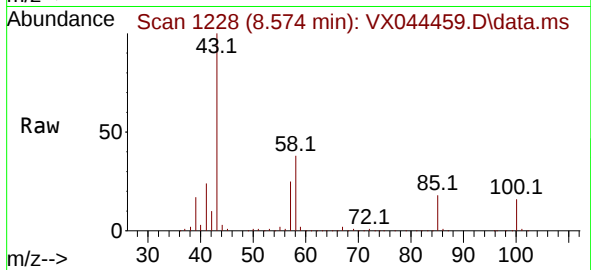




#51  
4-Methyl-2-Pentanone  
Concen: 248.364 ug/l  
RT: 8.574 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

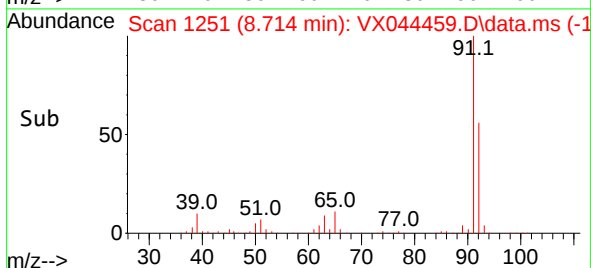
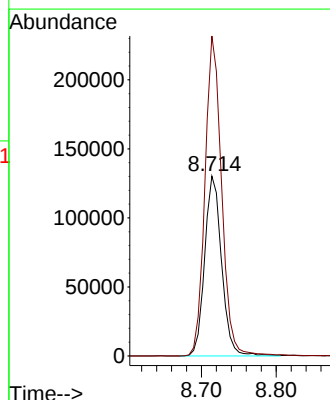
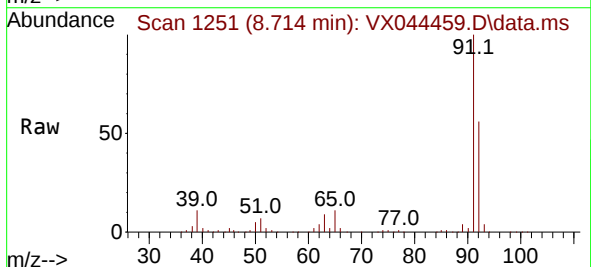
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212MS

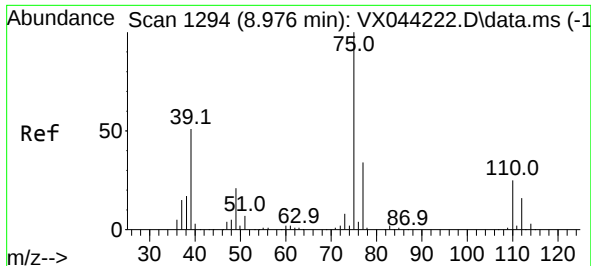
Tgt Ion: 43 Resp: 661253  
Ion Ratio Lower Upper  
43 100  
58 37.8 29.4 44.0



#52  
Toluene  
Concen: 50.171 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Tgt Ion: 92 Resp: 205015  
Ion Ratio Lower Upper  
92 100  
91 175.8 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 47.959 ug/l

RT: 8.976 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044459.D

Acq: 20 Dec 2024 17:53

Instrument :

MSVOA\_X

ClientSampleId :

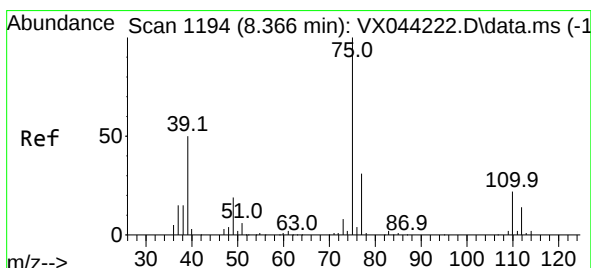
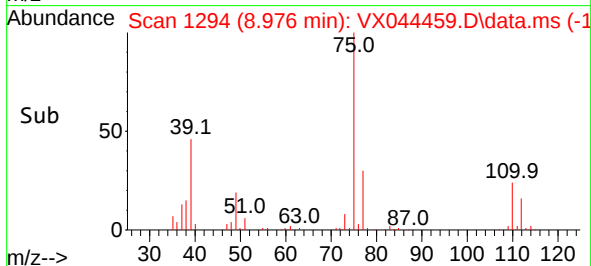
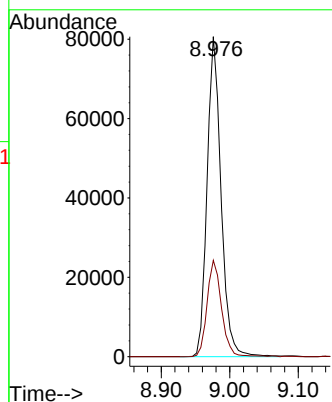
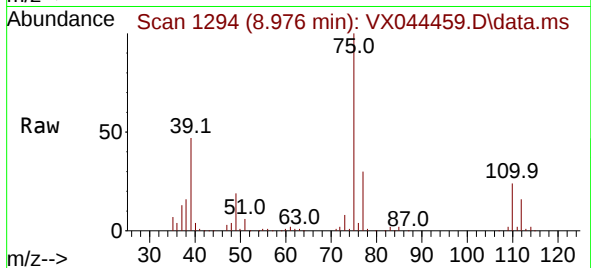
BPOW6-11-20241212MS

Tgt Ion: 75 Resp: 114331

Ion Ratio Lower Upper

75 100

77 30.1 27.2 40.8



#54

cis-1,3-Dichloropropene

Concen: 51.318 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX044459.D

Acq: 20 Dec 2024 17:53

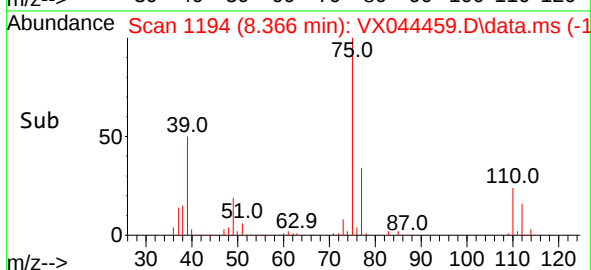
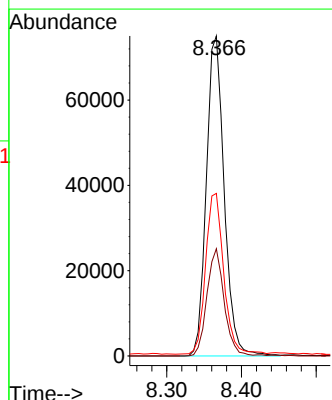
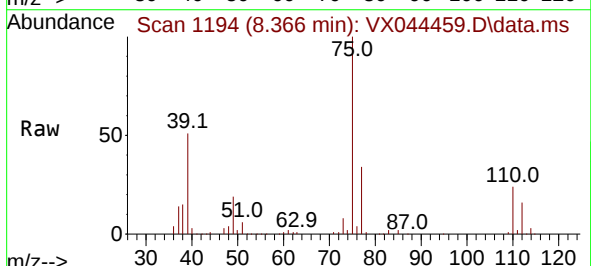
Tgt Ion: 75 Resp: 124463

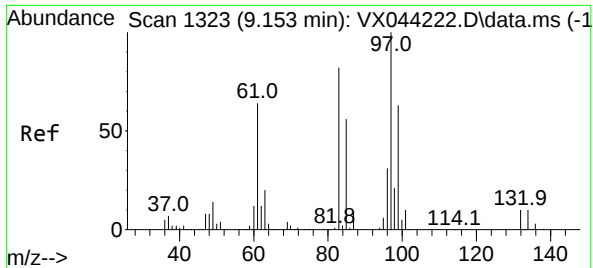
Ion Ratio Lower Upper

75 100

77 33.5 24.7 37.1

39 50.2 40.3 60.5

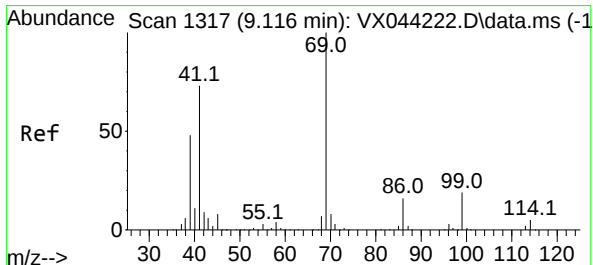
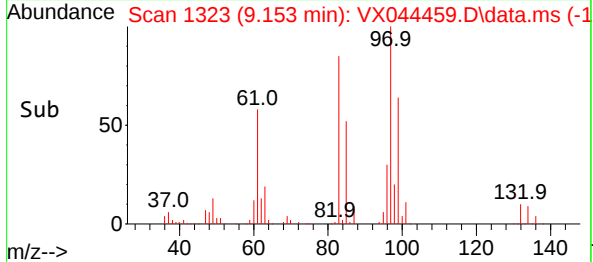
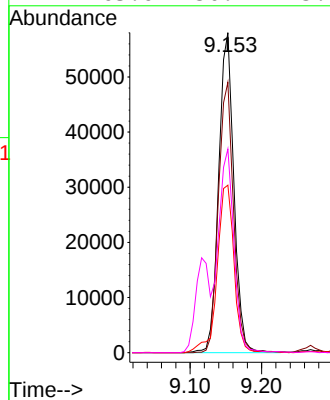
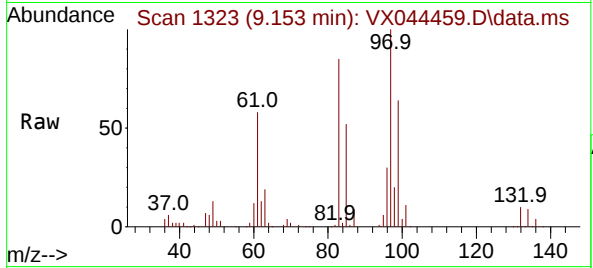




#55  
1,1,2-Trichloroethane  
Concen: 52.806 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

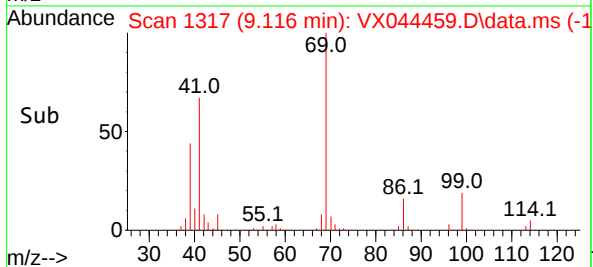
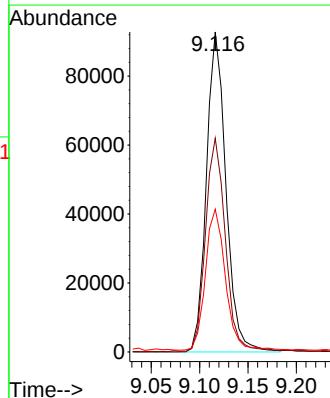
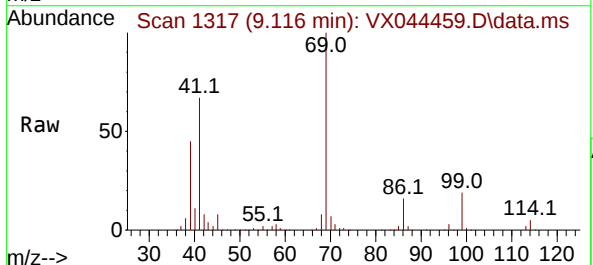
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212MS

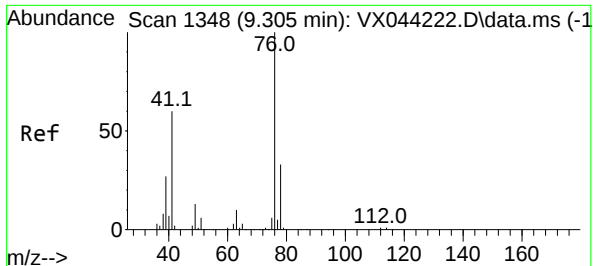
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 85724 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.5  | 65.3  | 97.9  |
| 85       | 52.3  | 44.6  | 67.0  |
| 99       | 63.6  | 50.2  | 75.2  |



#56  
Ethyl methacrylate  
Concen: 51.035 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 130793 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 68.0  | 56.6  | 85.0   |
| 39       | 45.2  | 37.4  | 56.0   |

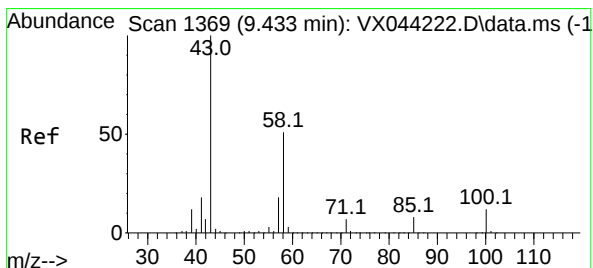
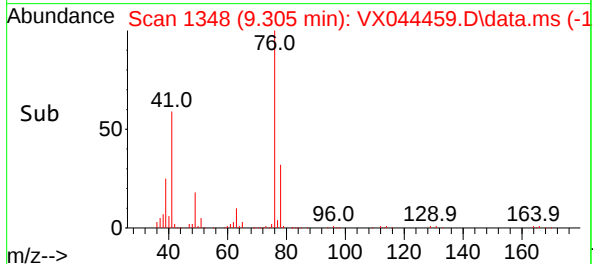
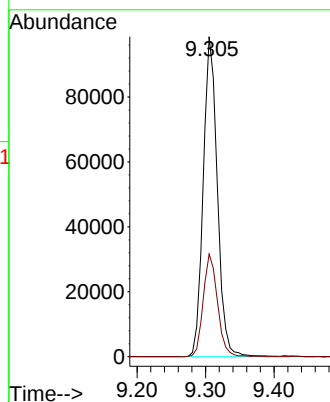
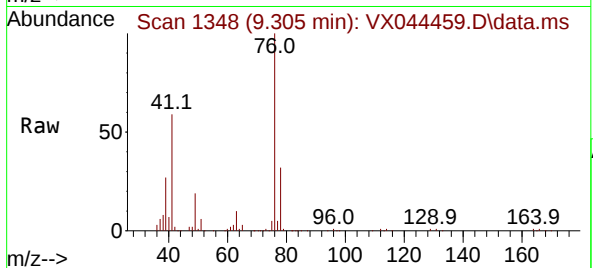




#57  
1,3-Dichloropropane  
Concen: 50.049 ug/l  
RT: 9.305 min Scan# 1348  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

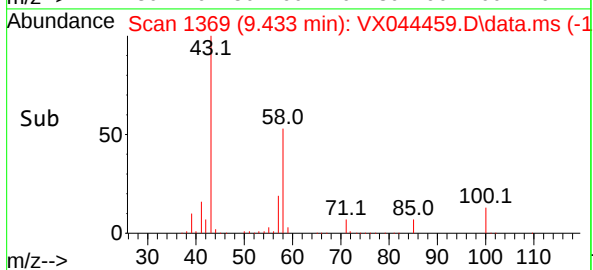
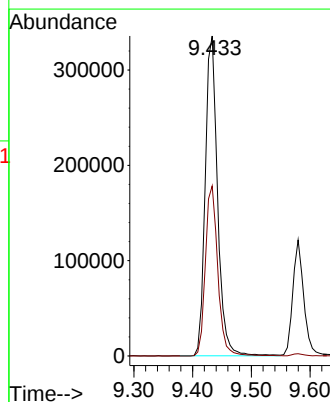
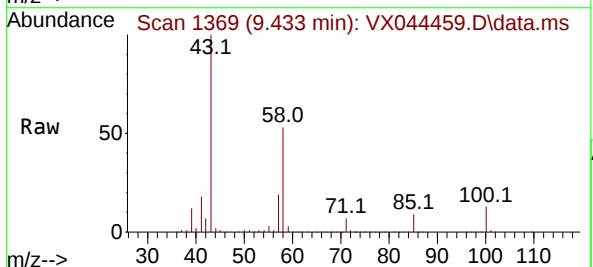
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212MS

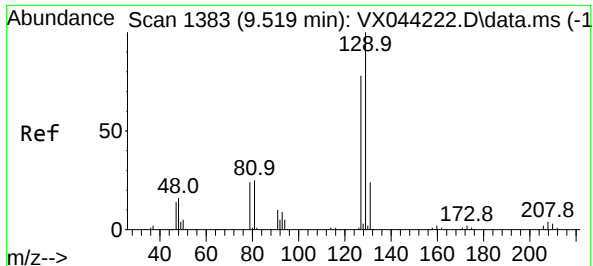
Tgt Ion: 76 Resp: 141420  
Ion Ratio Lower Upper  
76 100  
78 32.5 26.5 39.7



#59  
2-Hexanone  
Concen: 254.216 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Tgt Ion: 43 Resp: 489910  
Ion Ratio Lower Upper  
43 100  
58 53.6 25.7 77.0

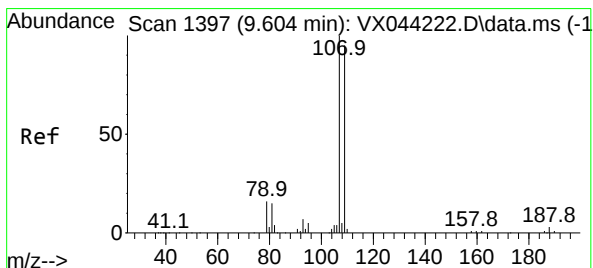
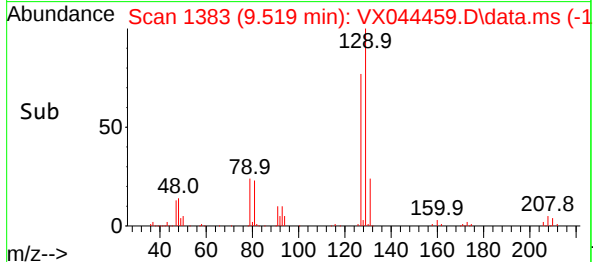
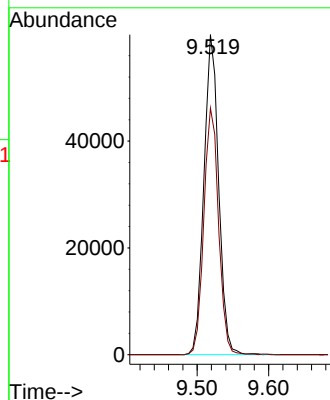
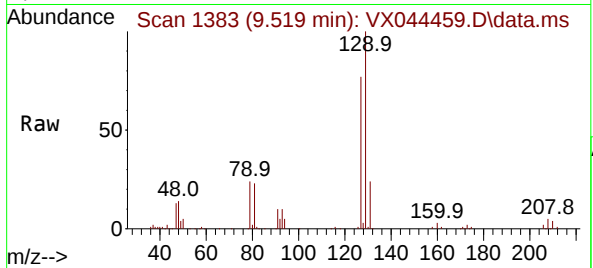




#60  
Dibromochloromethane  
Concen: 49.891 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

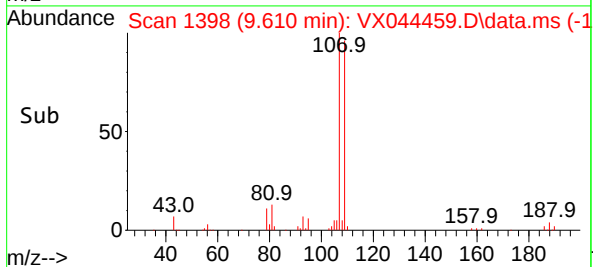
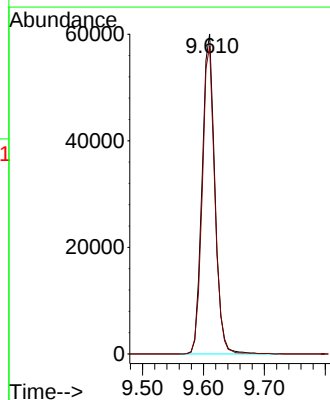
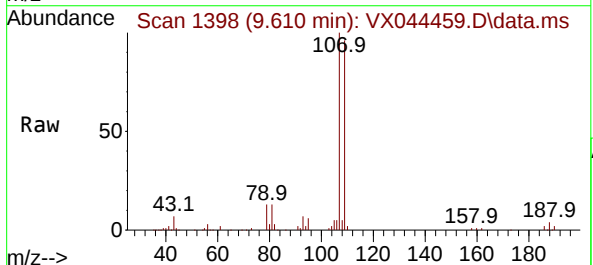
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212MS

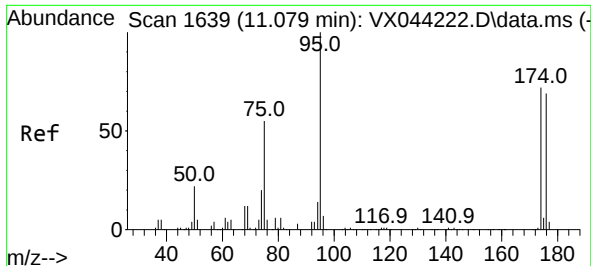
Tgt Ion:129 Resp: 85758  
Ion Ratio Lower Upper  
129 100  
127 77.0 38.5 115.3



#61  
1,2-Dibromoethane  
Concen: 53.008 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.006 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Tgt Ion:107 Resp: 87592  
Ion Ratio Lower Upper  
107 100  
109 94.4 77.0 115.4

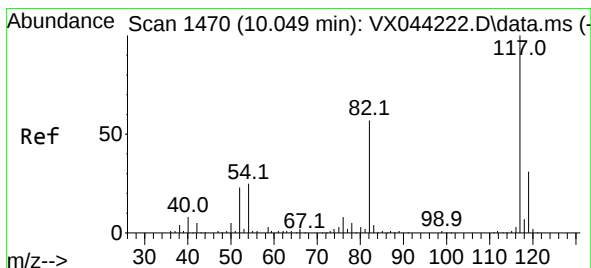
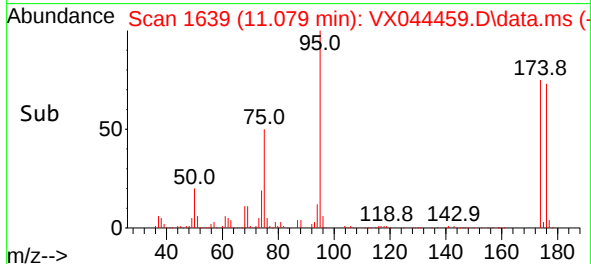
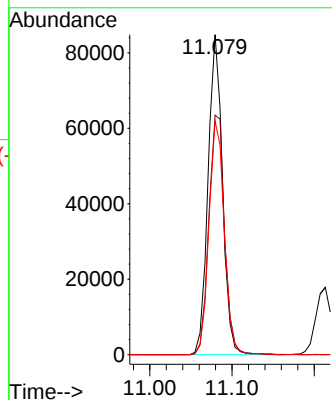
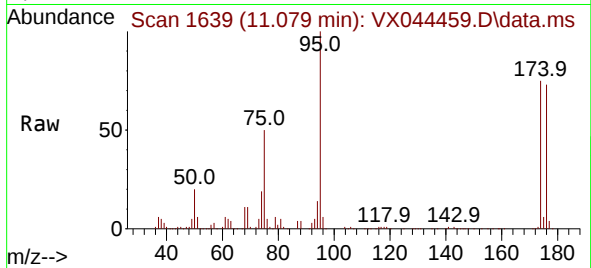




#62  
4-Bromofluorobenzene  
Concen: 52.764 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

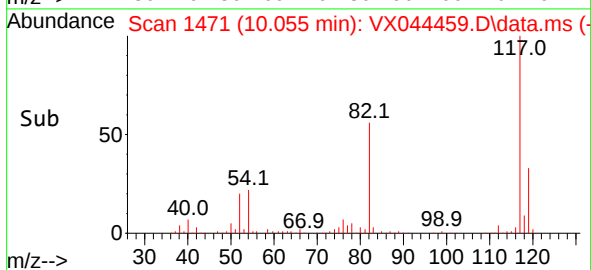
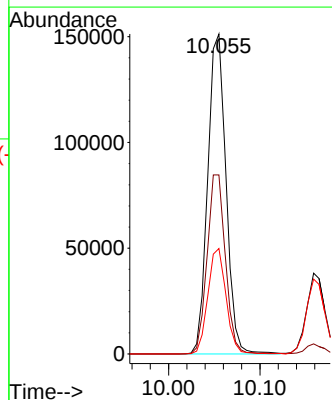
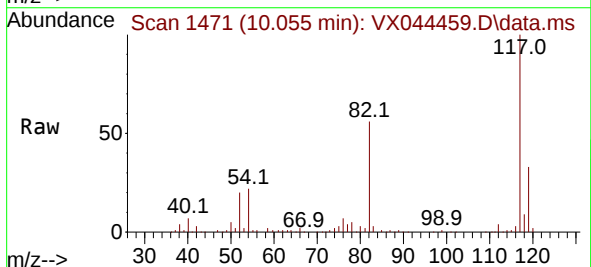
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212MS

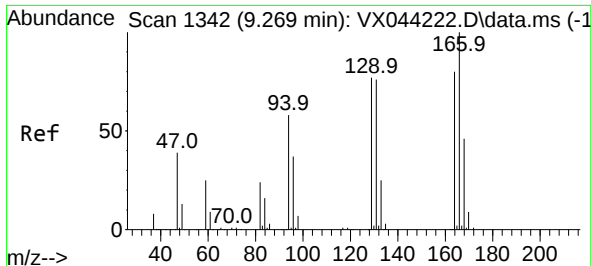
Tgt Ion: 95 Resp: 103131  
Ion Ratio Lower Upper  
95 100  
174 81.8 0.0 145.8  
176 77.7 0.0 137.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.006 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

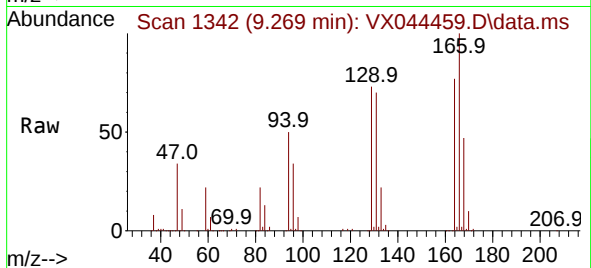
Tgt Ion: 117 Resp: 209816  
Ion Ratio Lower Upper  
117 100  
82 55.9 45.8 68.8  
119 33.0 25.0 37.4





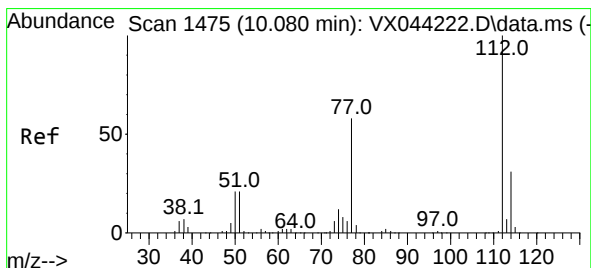
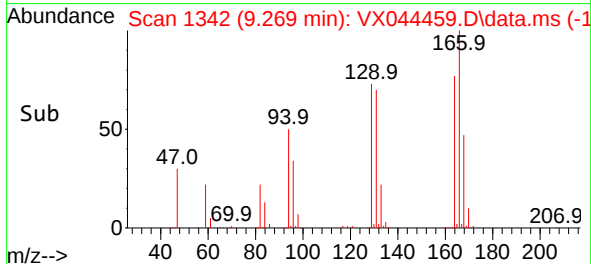
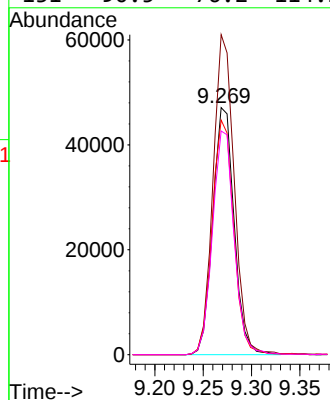
#64  
Tetrachloroethene  
Concen: 51.885 ug/l  
RT: 9.269 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212MS



Tgt Ion:164 Resp: 72254

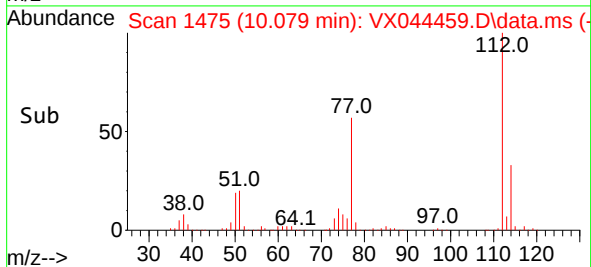
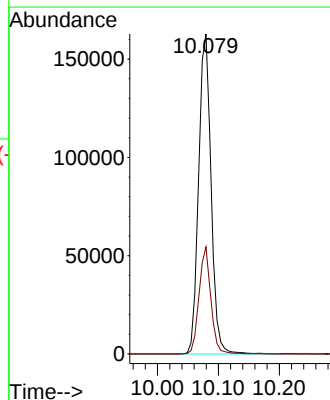
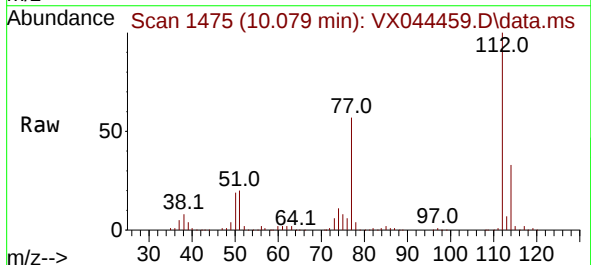
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 129.6 | 100.4 | 150.6 |
| 129 | 95.0  | 77.2  | 115.8 |
| 131 | 90.5  | 76.2  | 114.2 |

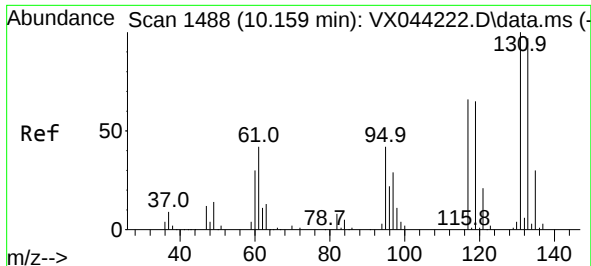


#65  
Chlorobenzene  
Concen: 51.407 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Tgt Ion:112 Resp: 231119

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 114 | 33.5  | 25.0  | 37.6  |

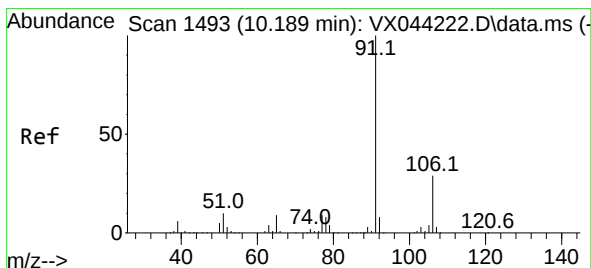
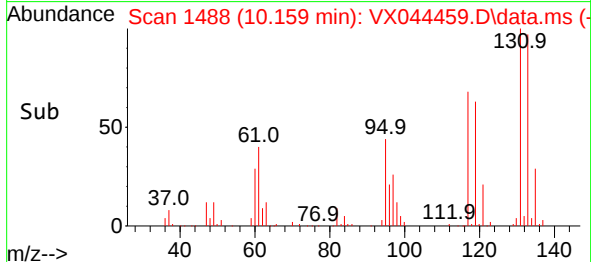
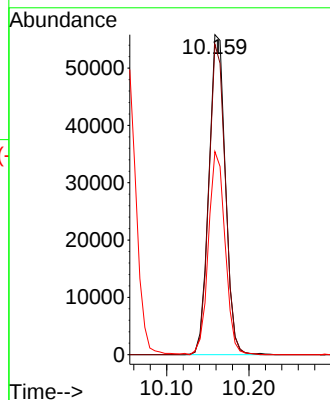
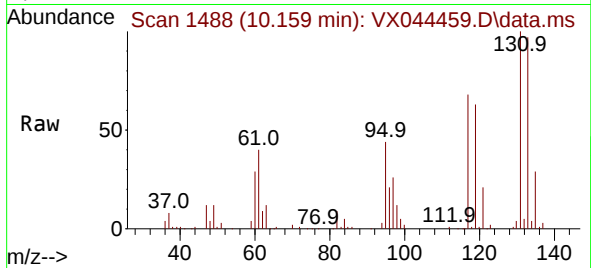




#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 54.188 ug/l  
 RT: 10.159 min Scan# 1488  
 Delta R.T. -0.000 min  
 Lab File: VX044459.D  
 Acq: 20 Dec 2024 17:53

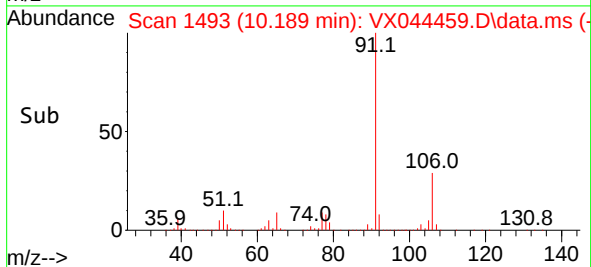
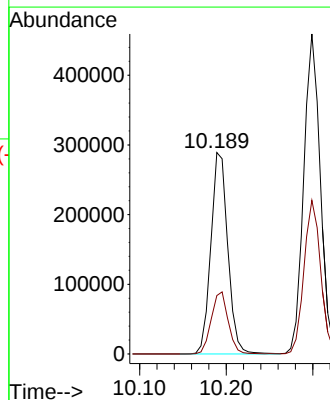
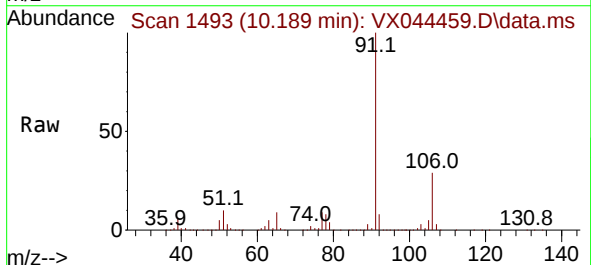
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BPOW6-11-20241212MS

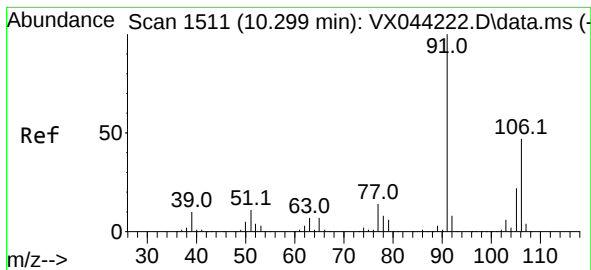
Tgt Ion:131 Resp: 78298  
 Ion Ratio Lower Upper  
 131 100  
 133 95.9 47.3 141.8  
 119 63.7 31.6 95.0



#67  
 Ethyl Benzene  
 Concen: 50.505 ug/l  
 RT: 10.189 min Scan# 1493  
 Delta R.T. -0.000 min  
 Lab File: VX044459.D  
 Acq: 20 Dec 2024 17:53

Tgt Ion: 91 Resp: 392328  
 Ion Ratio Lower Upper  
 91 100  
 106 29.0 23.5 35.3





#68

m/p-Xylenes

Concen: 103.812 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044459.D

Acq: 20 Dec 2024 17:53

Instrument :

MSVOA\_X

ClientSampleId :

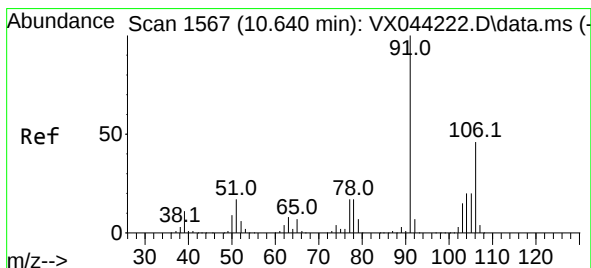
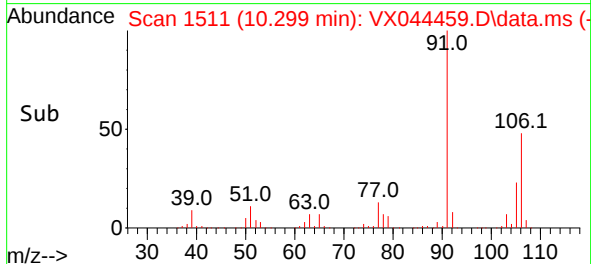
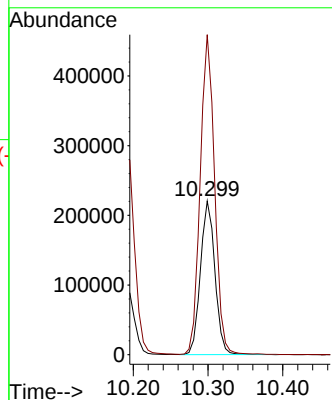
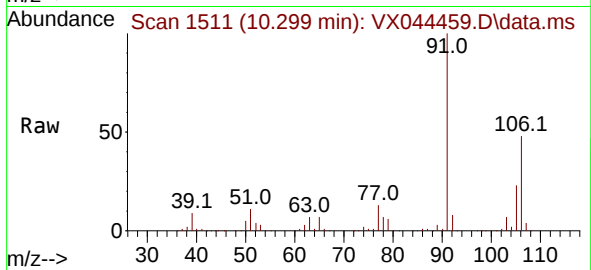
BPOW6-11-20241212MS

Tgt Ion:106 Resp: 295911

Ion Ratio Lower Upper

106 100

91 207.5 170.2 255.2



#69

o-Xylene

Concen: 51.299 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044459.D

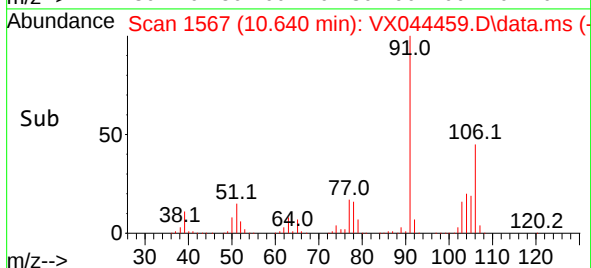
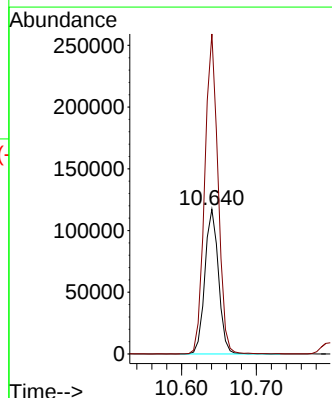
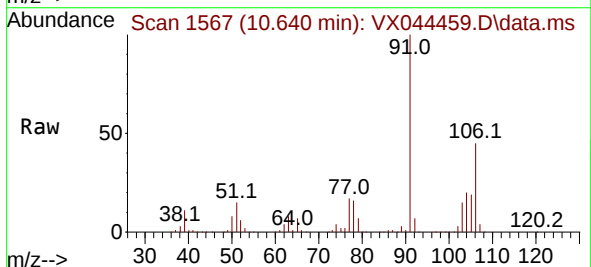
Acq: 20 Dec 2024 17:53

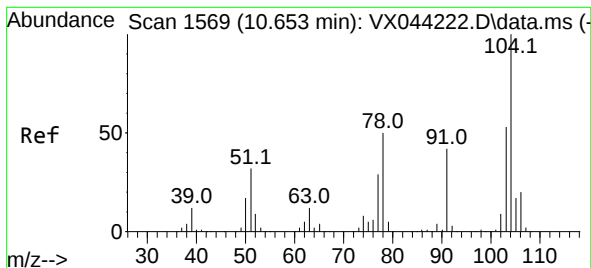
Tgt Ion:106 Resp: 147950

Ion Ratio Lower Upper

106 100

91 216.5 112.3 337.0





#70

Styrene

Concen: 53.973 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX044459.D

Acq: 20 Dec 2024 17:53

Instrument :

MSVOA\_X

ClientSampleId :

BPOW6-11-20241212MS

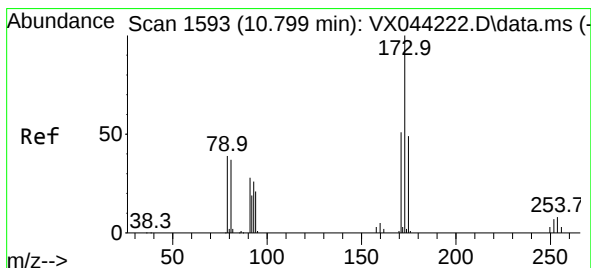
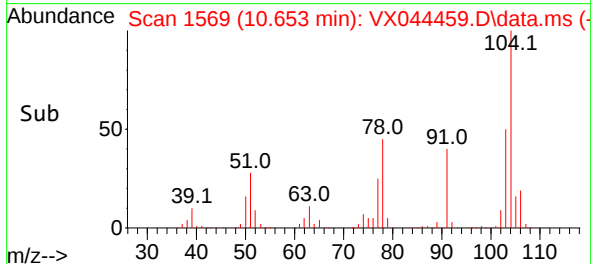
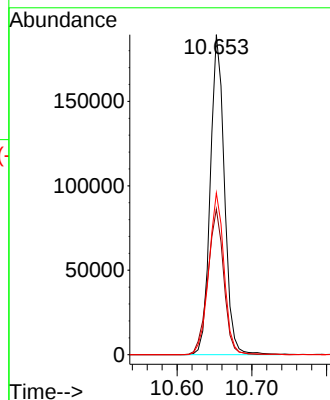
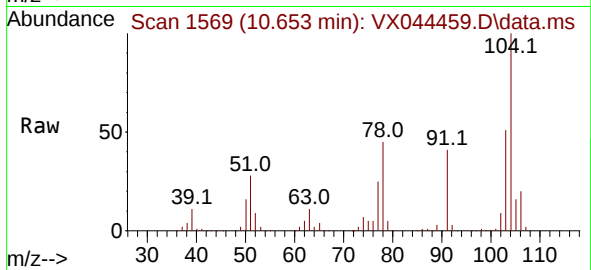
Tgt Ion:104 Resp: 249544

Ion Ratio Lower Upper

104 100

78 51.1 44.6 67.0

103 54.9 45.4 68.0



#71

Bromoform

Concen: 51.849 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044459.D

Acq: 20 Dec 2024 17:53

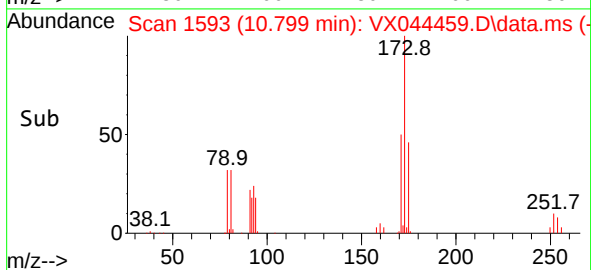
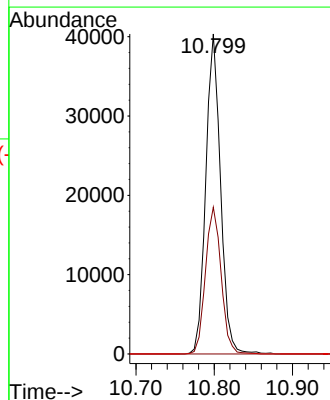
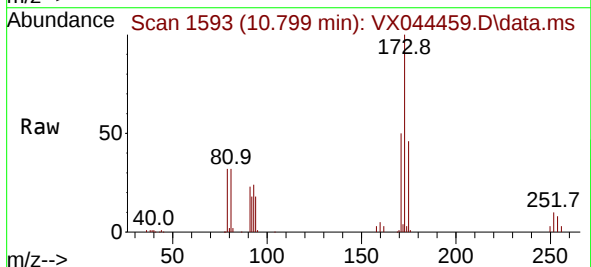
Tgt Ion:173 Resp: 52603

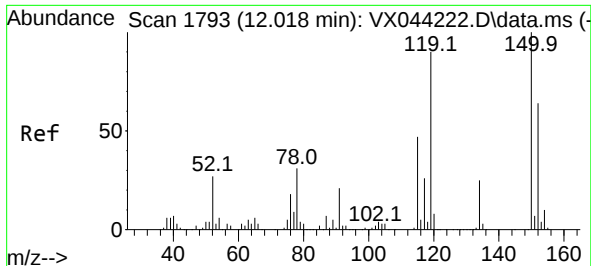
Ion Ratio Lower Upper

173 100

175 48.7 23.8 71.4

254 0.0 0.0 0.0

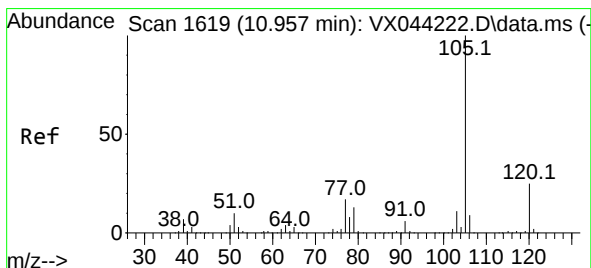
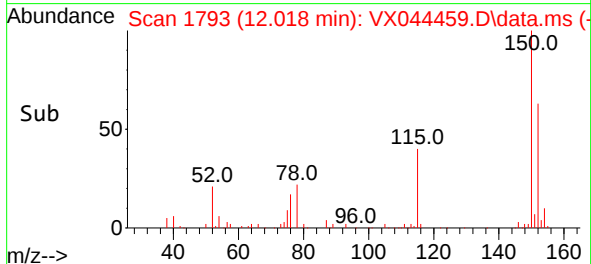
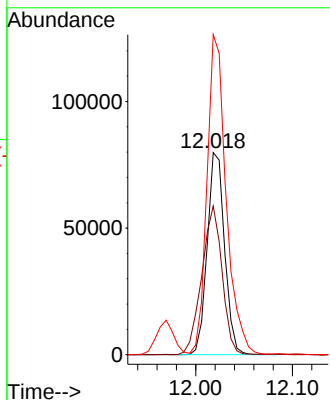
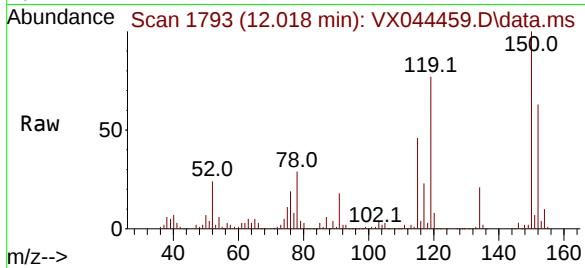




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

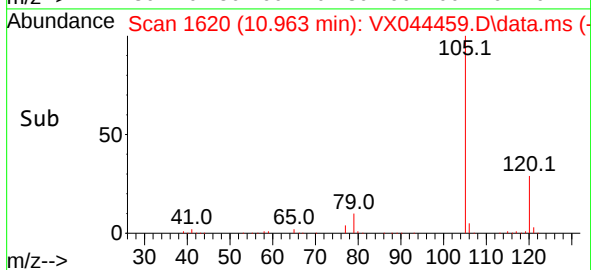
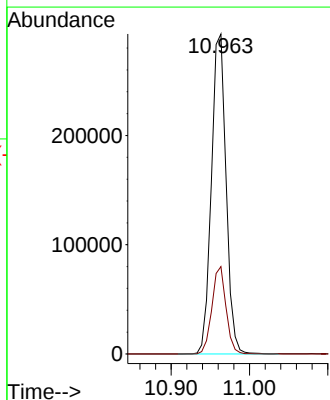
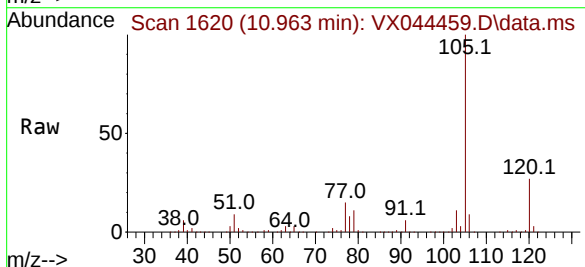
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212MS

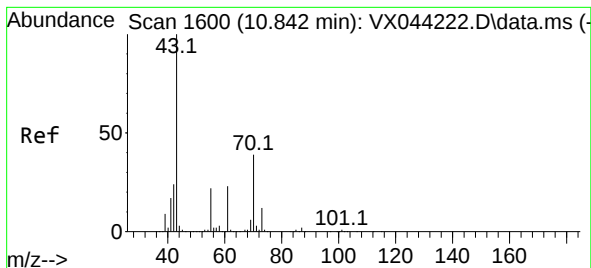
Tgt Ion:152 Resp: 99964  
Ion Ratio Lower Upper  
152 100  
115 85.9 44.5 133.3  
150 173.5 0.0 353.8



#73  
Isopropylbenzene  
Concen: 49.737 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.006 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Tgt Ion:105 Resp: 380621  
Ion Ratio Lower Upper  
105 100  
120 26.2 13.1 39.3





#74

N-amy1 acetate

Concen: 46.265 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044459.D

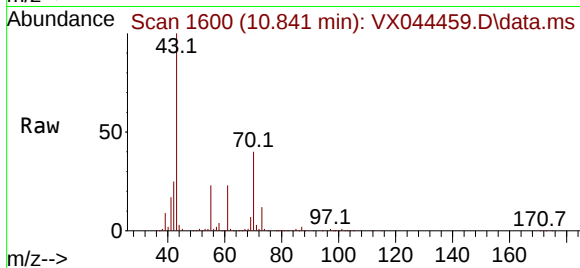
Acq: 20 Dec 2024 17:53

Instrument :

MSVOA\_X

ClientSampleId :

BPOW6-11-20241212MS



Tgt Ion: 43 Resp: 163625

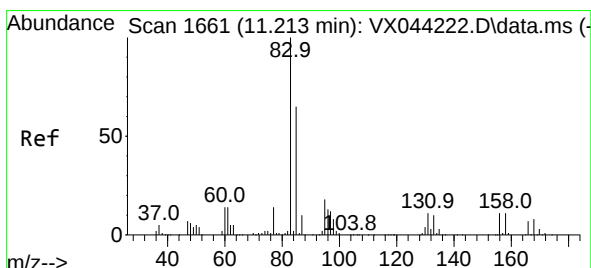
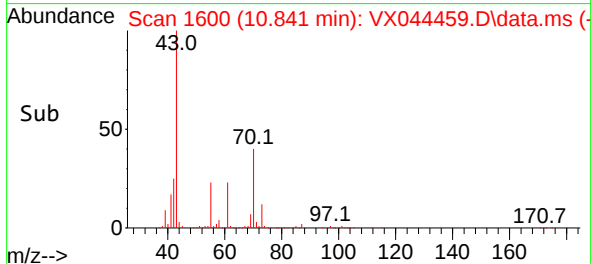
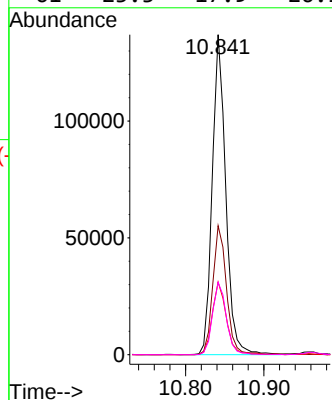
Ion Ratio Lower Upper

43 100

70 41.2 31.9 47.9

55 23.7 17.9 26.9

61 23.3 17.9 26.9



#75

1,1,2,2-Tetrachloroethane

Concen: 48.913 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX044459.D

Acq: 20 Dec 2024 17:53

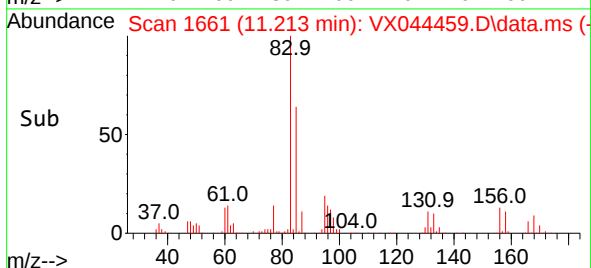
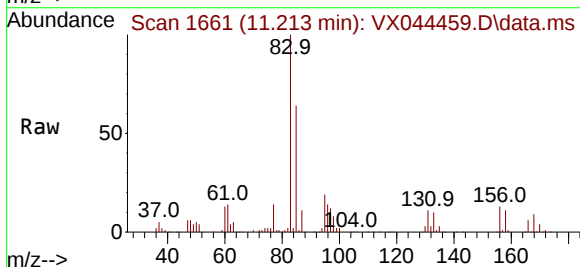
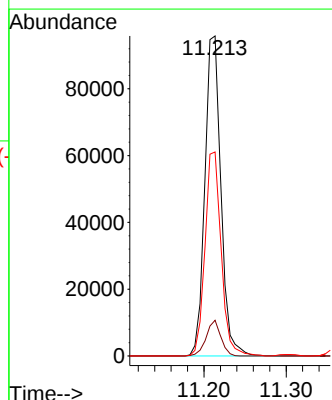
Tgt Ion: 83 Resp: 130012

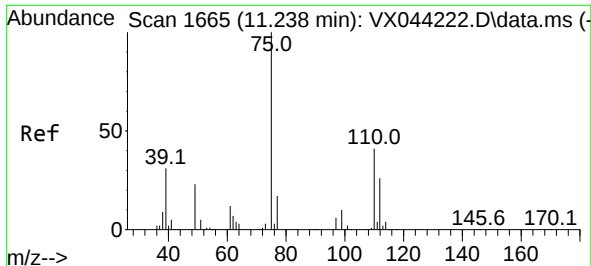
Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.4

85 64.2 32.5 97.4

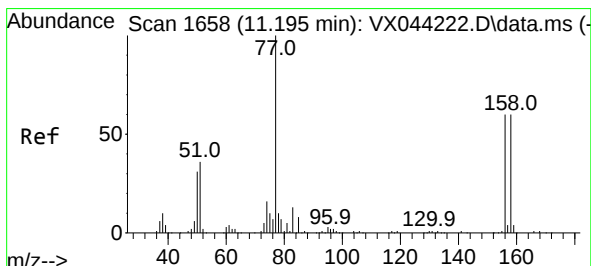
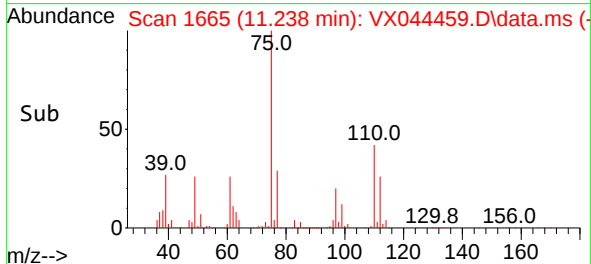
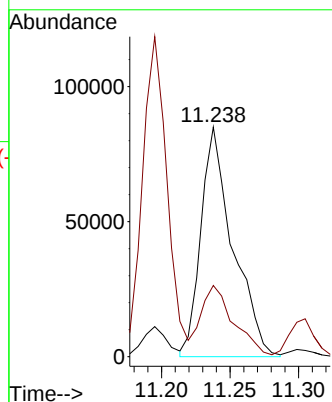
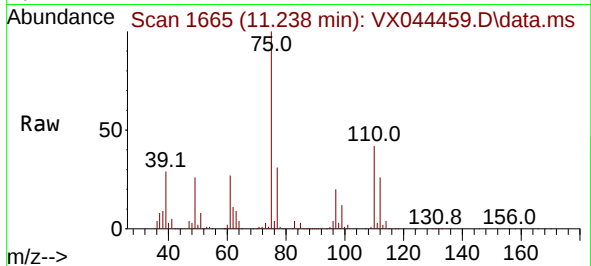




#76  
1,2,3-Trichloropropane  
Concen: 61.878 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

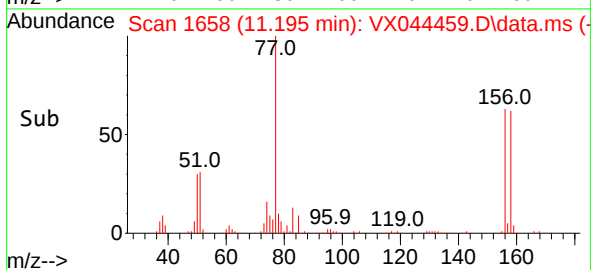
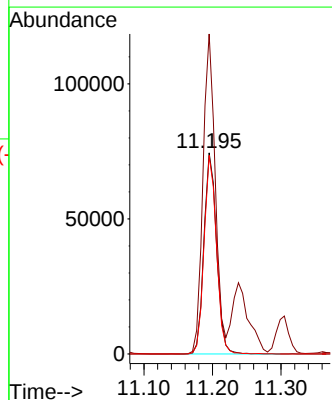
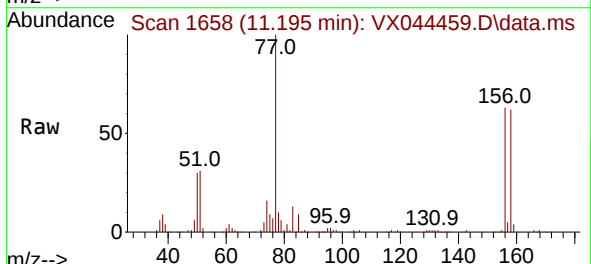
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212MS

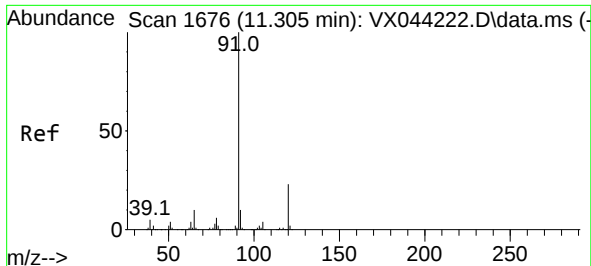
Tgt Ion: 75 Resp: 138110  
Ion Ratio Lower Upper  
75 100  
77 31.7 20.9 62.7



#77  
Bromobenzene  
Concen: 51.710 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Tgt Ion:156 Resp: 95960  
Ion Ratio Lower Upper  
156 100  
77 154.7 82.6 247.8  
158 96.8 48.8 146.4

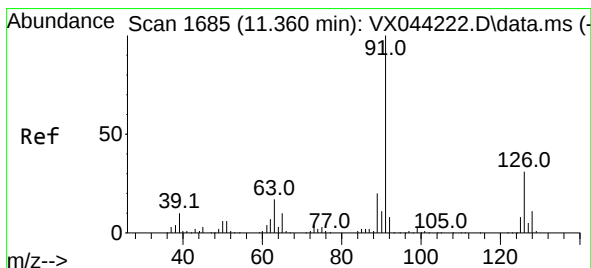
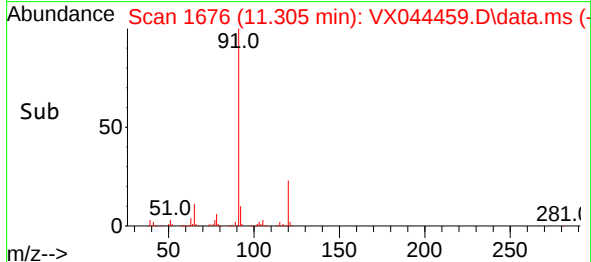
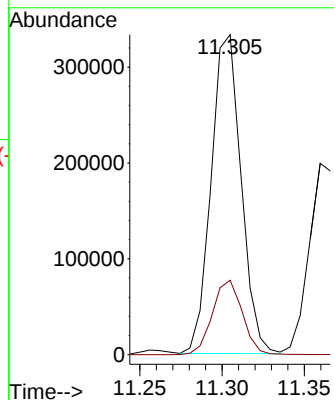
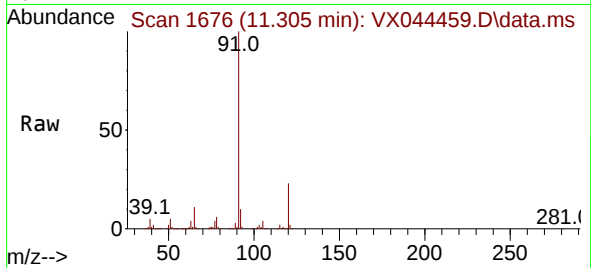




#78  
n-propylbenzene  
Concen: 49.902 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

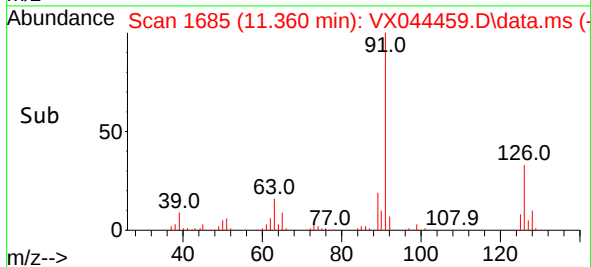
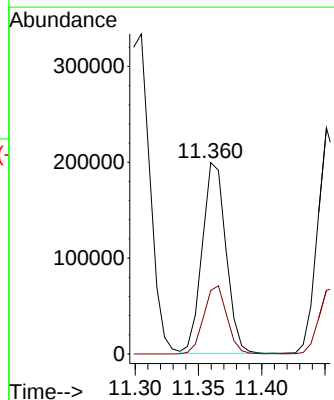
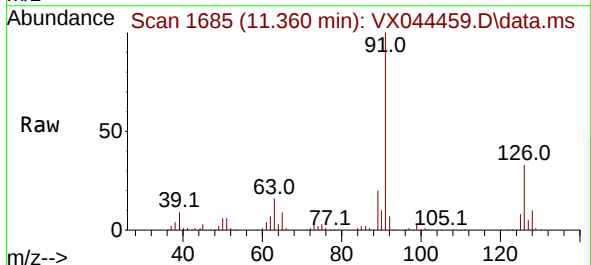
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212MS

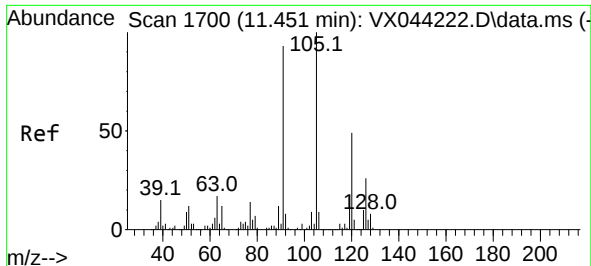
Tgt Ion: 91 Resp: 422079  
Ion Ratio Lower Upper  
91 100  
120 23.4 11.0 33.0



#79  
2-Chlorotoluene  
Concen: 47.599 ug/l  
RT: 11.360 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Tgt Ion: 91 Resp: 260371  
Ion Ratio Lower Upper  
91 100  
126 35.0 16.4 49.1

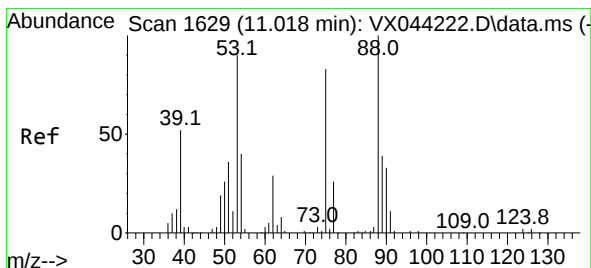
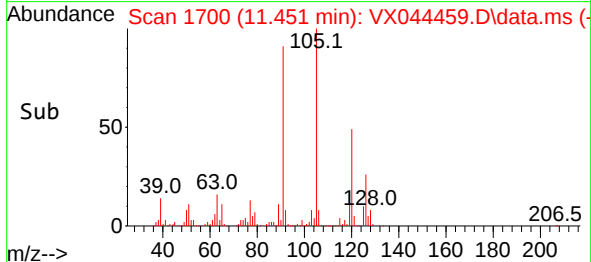
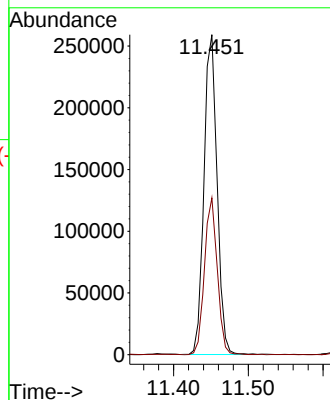
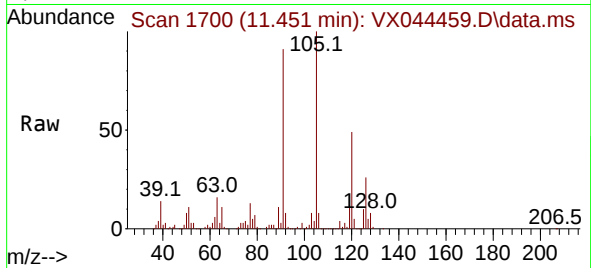




#80  
1,3,5-Trimethylbenzene  
Concen: 49.645 ug/l  
RT: 11.451 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

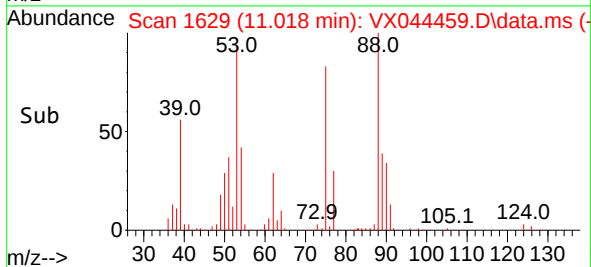
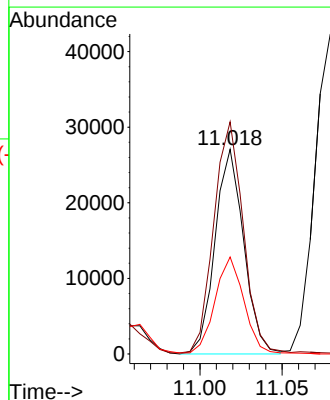
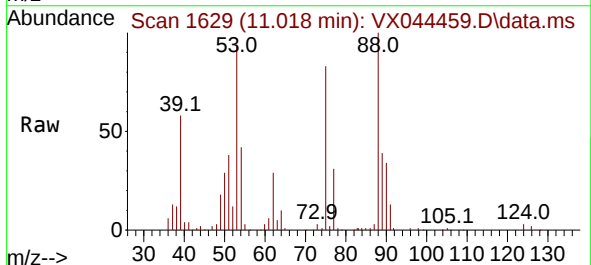
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212MS

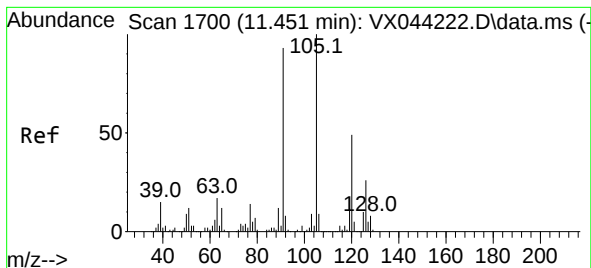
Tgt Ion:105 Resp: 315062  
Ion Ratio Lower Upper  
105 100  
120 48.0 23.8 71.4



#81  
trans-1,4-Dichloro-2-butene  
Concen: 43.097 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Tgt Ion: 75 Resp: 32893  
Ion Ratio Lower Upper  
75 100  
53 116.7 93.6 140.4  
89 48.0 37.3 55.9





#82

4-Chlorotoluene

Concen: 48.670 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044459.D

Acq: 20 Dec 2024 17:53

Instrument :

MSVOA\_X

ClientSampleId :

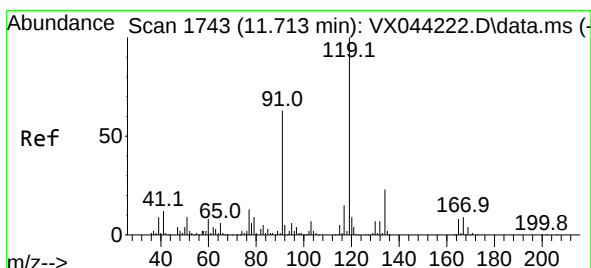
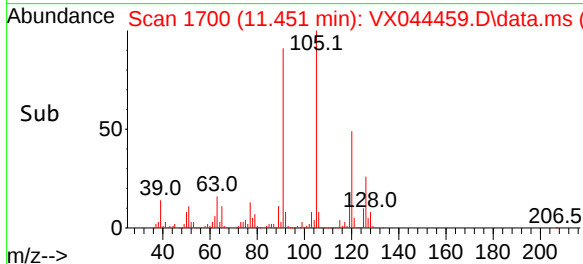
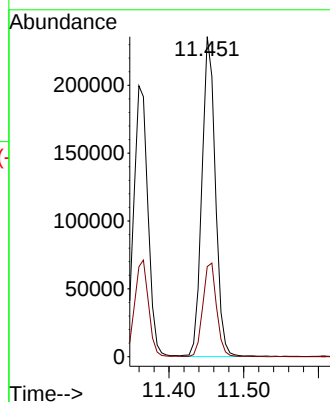
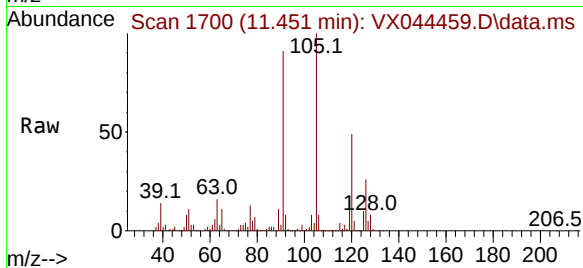
BPOW6-11-20241212MS

Tgt Ion: 91 Resp: 294812

Ion Ratio Lower Upper

91 100

126 30.0 14.5 43.5



#83

tert-Butylbenzene

Concen: 50.517 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044459.D

Acq: 20 Dec 2024 17:53

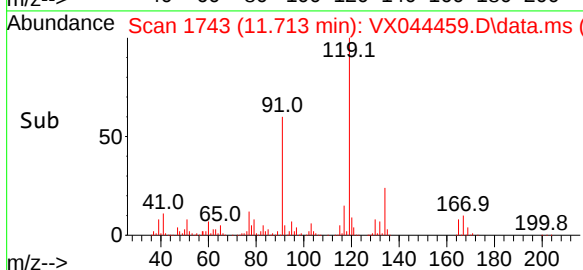
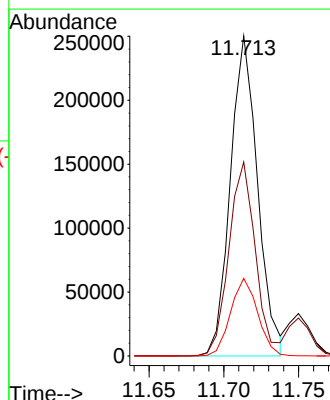
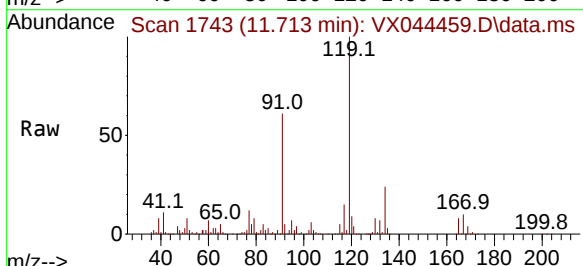
Tgt Ion: 119 Resp: 316834

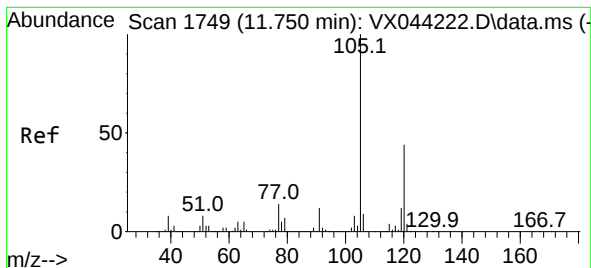
Ion Ratio Lower Upper

119 100

91 59.3 30.9 92.5

134 24.2 11.5 34.4





#84

1,2,4-Trimethylbenzene

Concen: 50.263 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044459.D

Acq: 20 Dec 2024 17:53

Instrument :

MSVOA\_X

ClientSampleId :

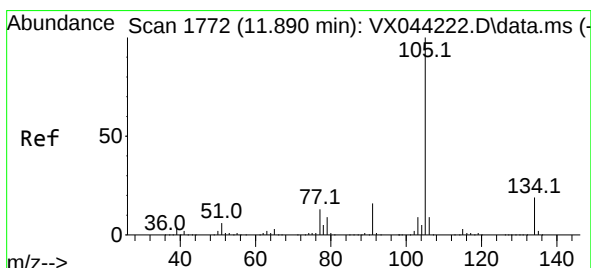
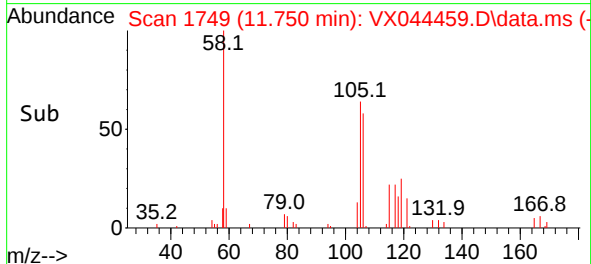
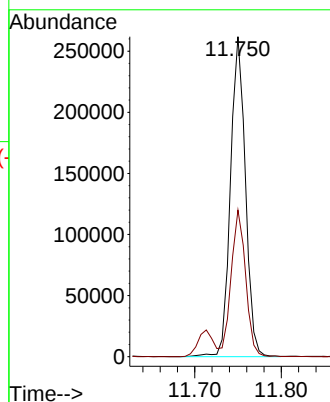
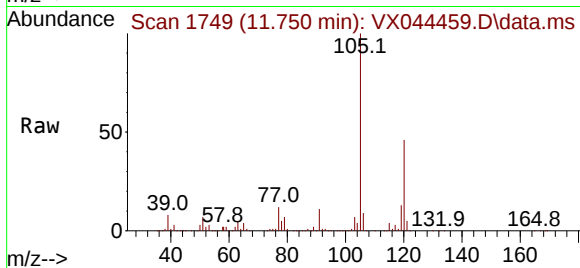
BPOW6-11-20241212MS

Tgt Ion:105 Resp: 313266

Ion Ratio Lower Upper

105 100

120 44.8 21.7 65.1



#85

sec-Butylbenzene

Concen: 49.553 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX044459.D

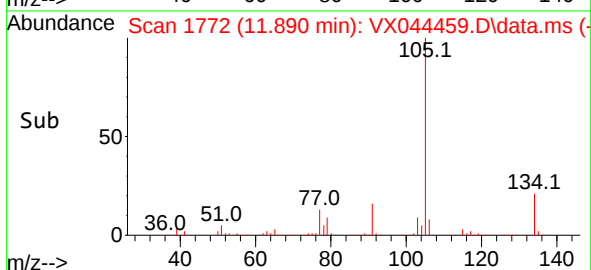
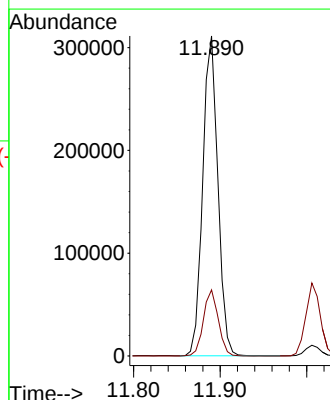
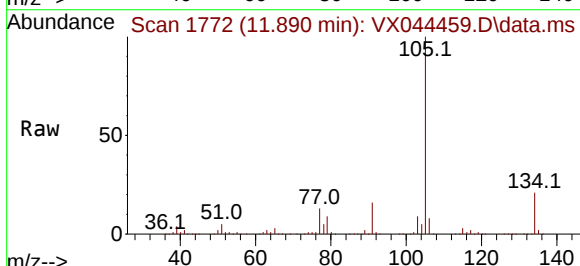
Acq: 20 Dec 2024 17:53

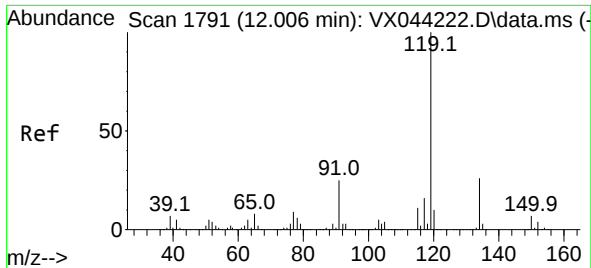
Tgt Ion:105 Resp: 377290

Ion Ratio Lower Upper

105 100

134 20.4 9.8 29.4

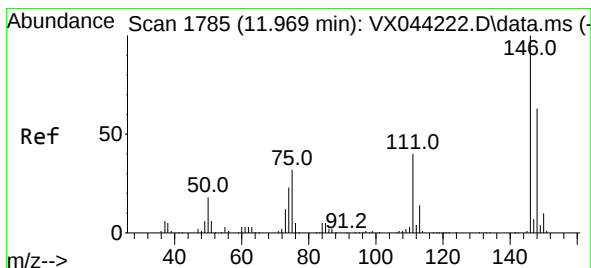
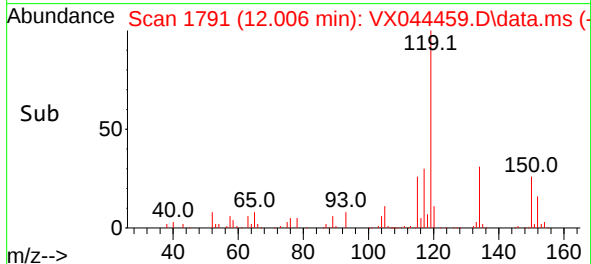
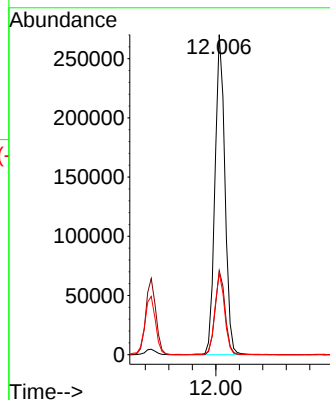
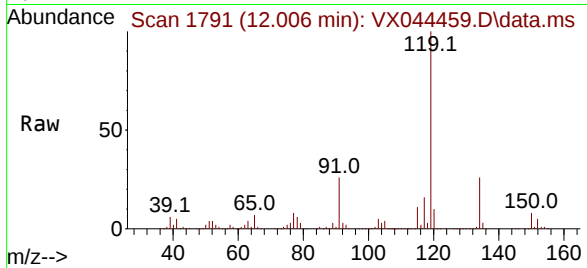




#86  
p-Isopropyltoluene  
Concen: 50.104 ug/l  
RT: 12.006 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

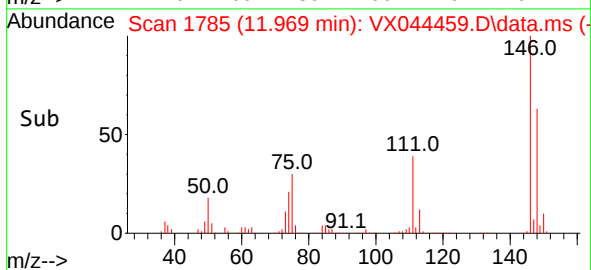
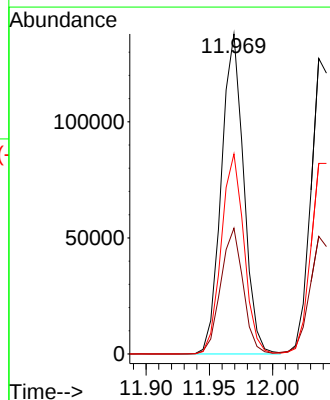
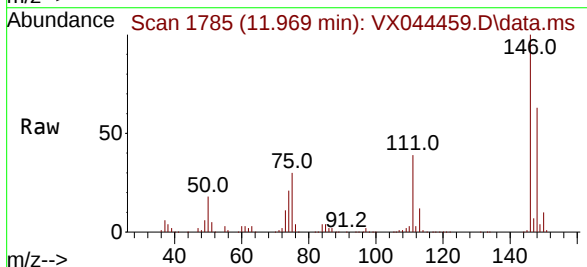
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212MS

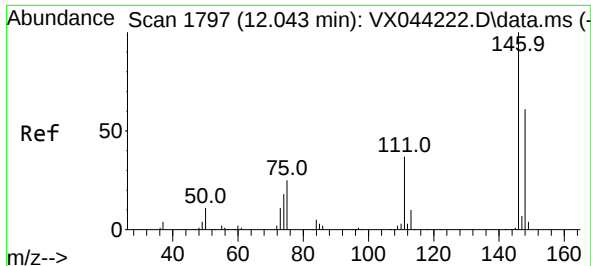
Tgt Ion:119 Resp: 317518  
Ion Ratio Lower Upper  
119 100  
134 26.2 12.8 38.4  
91 25.0 13.0 39.0



#87  
1,3-Dichlorobenzene  
Concen: 52.261 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Tgt Ion:146 Resp: 169405  
Ion Ratio Lower Upper  
146 100  
111 39.3 21.4 64.2  
148 63.3 31.7 95.1

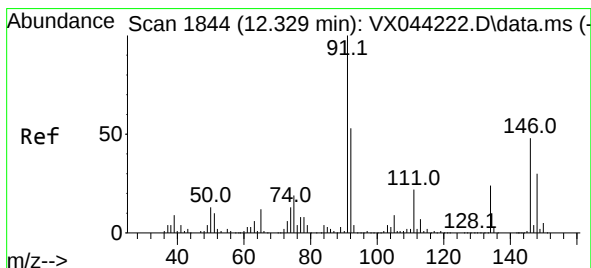
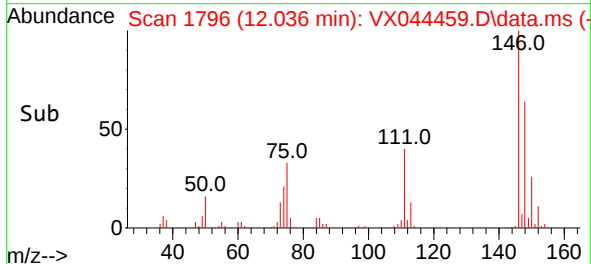
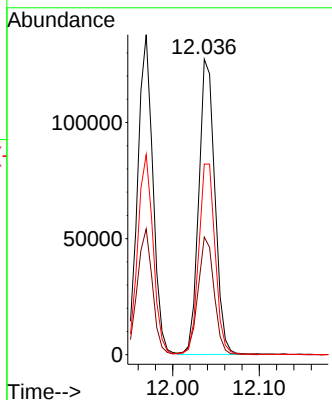
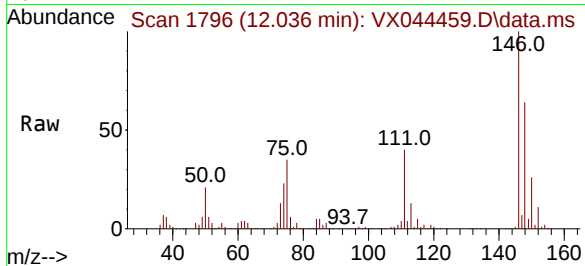




#88  
1,4-Dichlorobenzene  
Concen: 49.427 ug/l  
RT: 12.036 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

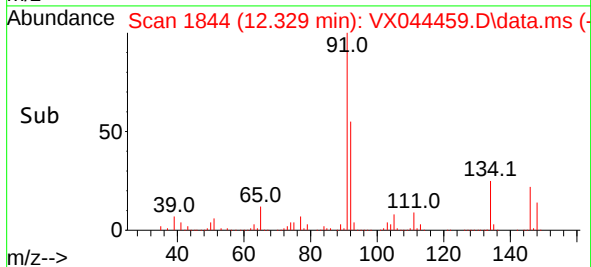
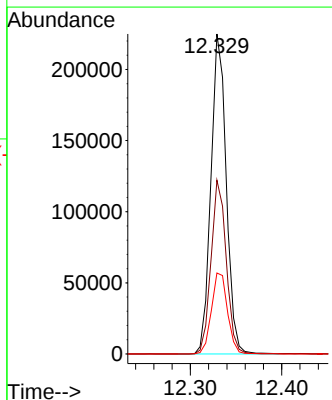
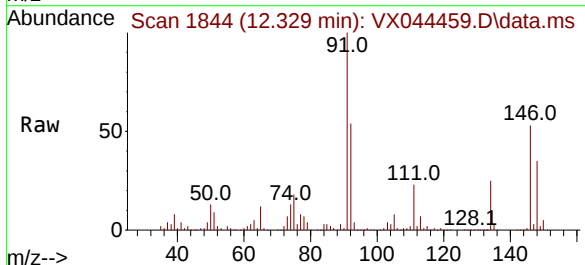
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212MS

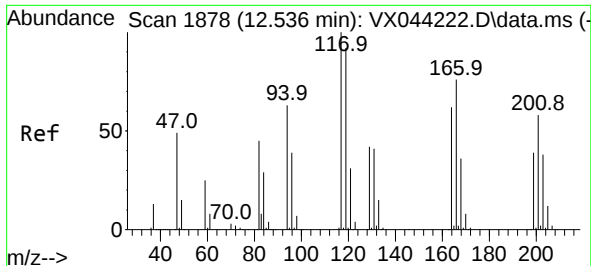
Tgt Ion:146 Resp: 164700  
Ion Ratio Lower Upper  
146 100  
111 40.0 21.0 63.0  
148 65.5 32.3 96.8



#89  
n-Butylbenzene  
Concen: 49.062 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Tgt Ion: 91 Resp: 261438  
Ion Ratio Lower Upper  
91 100  
92 54.1 26.6 79.7  
134 26.6 12.6 37.8

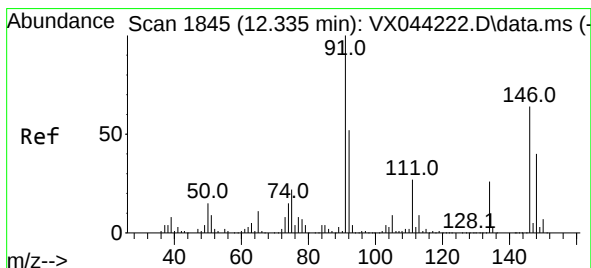
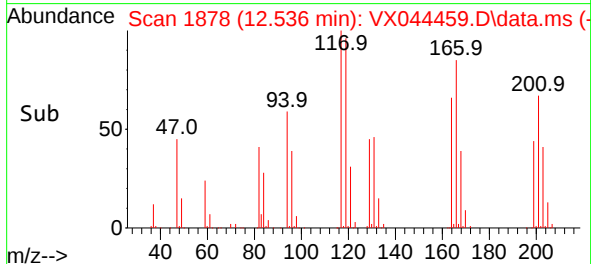
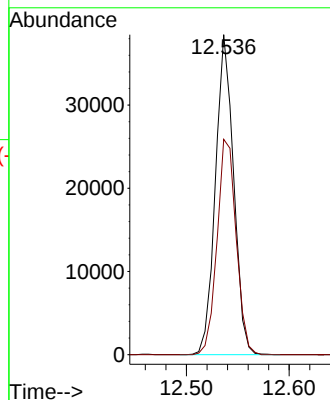
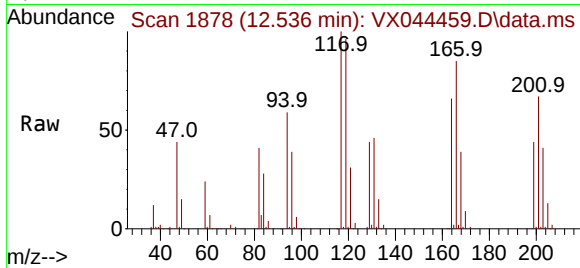




#90  
Hexachloroethane  
Concen: 51.055 ug/l  
RT: 12.536 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

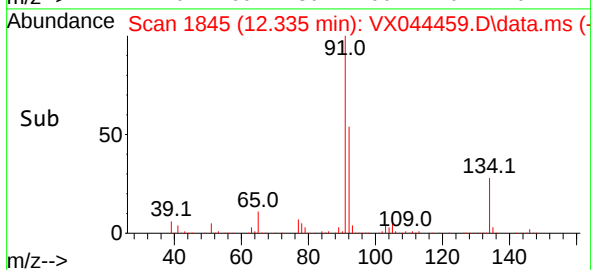
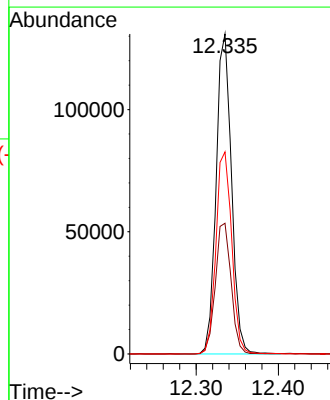
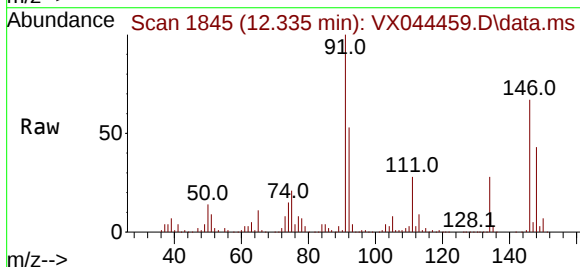
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212MS

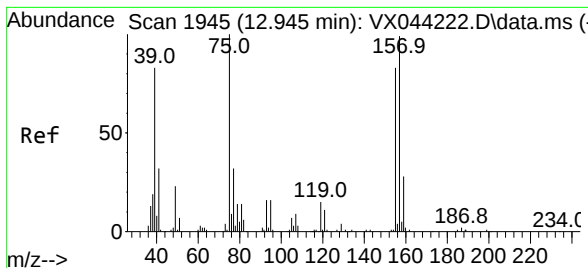
Tgt Ion:117 Resp: 47229  
Ion Ratio Lower Upper  
117 100  
201 70.9 31.4 94.2



#91  
1,2-Dichlorobenzene  
Concen: 50.431 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Tgt Ion:146 Resp: 169740  
Ion Ratio Lower Upper  
146 100  
111 42.0 21.4 64.3  
148 64.7 31.6 95.0

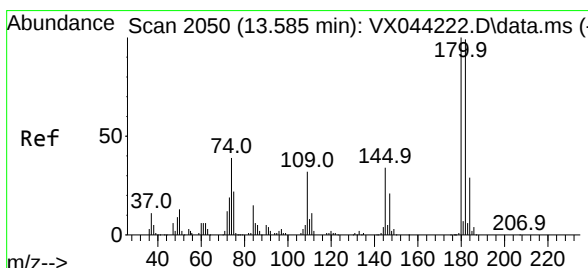
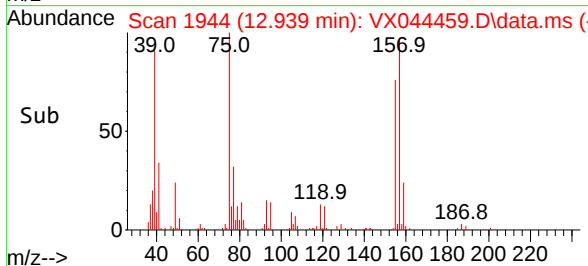
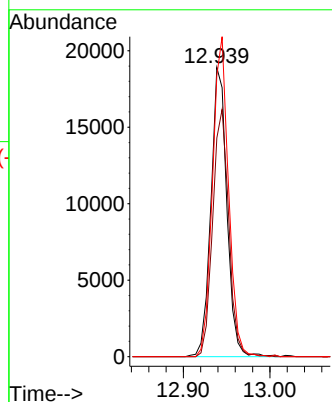
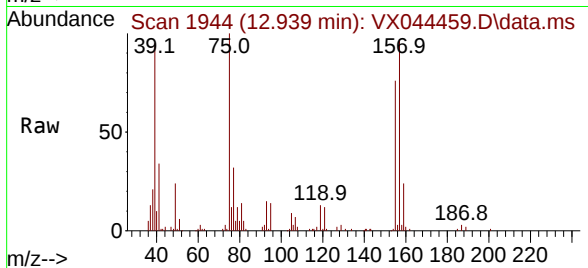




#92  
1,2-Dibromo-3-Chloropropane  
Concen: 47.070 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. -0.006 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

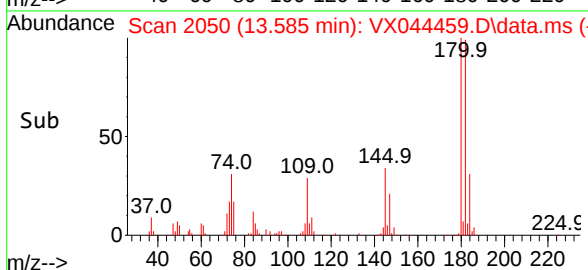
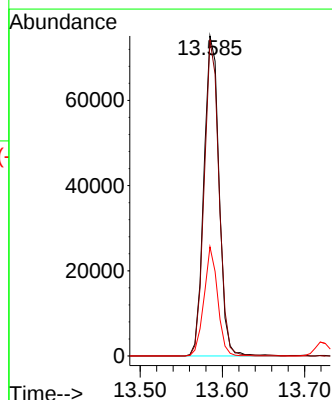
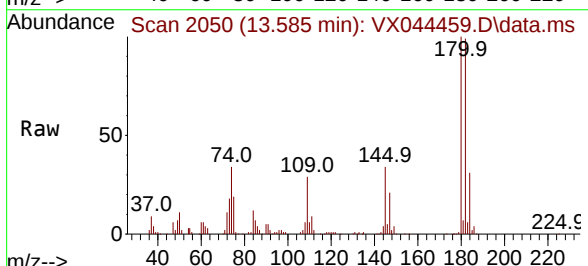
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212MS

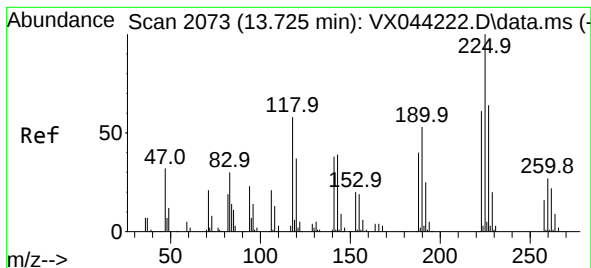
Tgt Ion: 75 Resp: 24287  
Ion Ratio Lower Upper  
75 100  
155 85.8 38.1 114.3  
157 110.5 47.2 141.6



#93  
1,2,4-Trichlorobenzene  
Concen: 51.998 ug/l  
RT: 13.585 min Scan# 2050  
Delta R.T. -0.000 min  
Lab File: VX044459.D  
Acq: 20 Dec 2024 17:53

Tgt Ion:180 Resp: 95950  
Ion Ratio Lower Upper  
180 100  
182 96.4 48.0 144.2  
145 30.8 16.6 49.7





#94

Hexachlorobutadiene

Concen: 52.791 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX044459.D

Acq: 20 Dec 2024 17:53

Instrument :

MSVOA\_X

ClientSampleId :

BPOW6-11-20241212MS

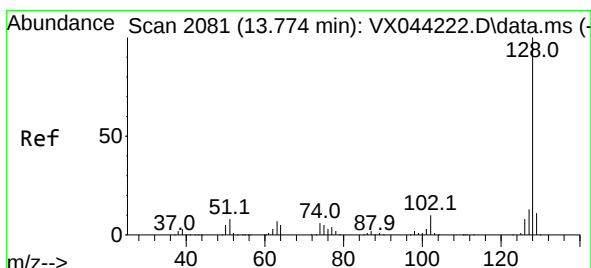
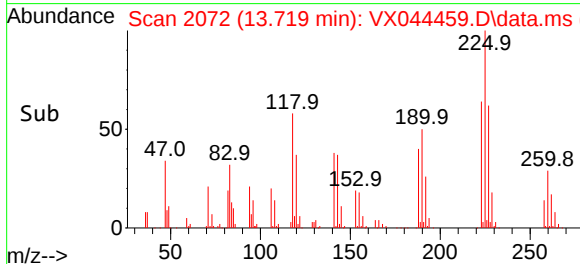
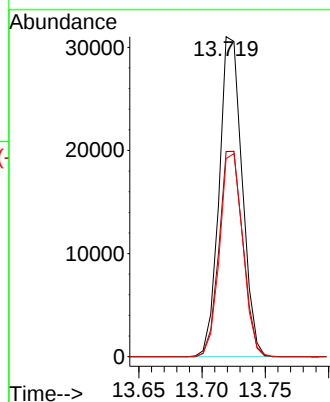
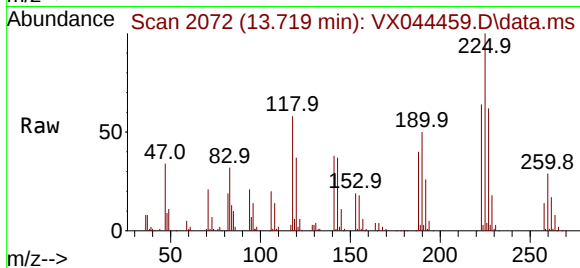
Tgt Ion:225 Resp: 39183

Ion Ratio Lower Upper

225 100

223 66.3 30.8 92.4

227 63.7 32.1 96.3



#95

Naphthalene

Concen: 48.182 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044459.D

Acq: 20 Dec 2024 17:53

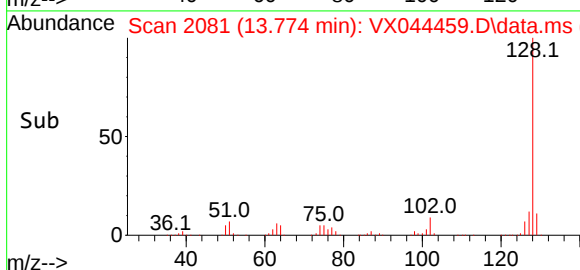
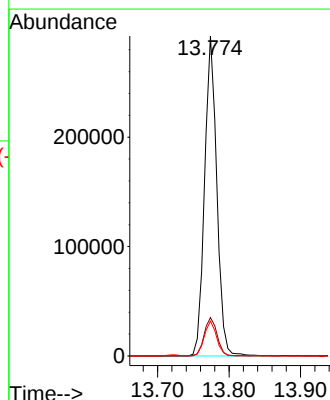
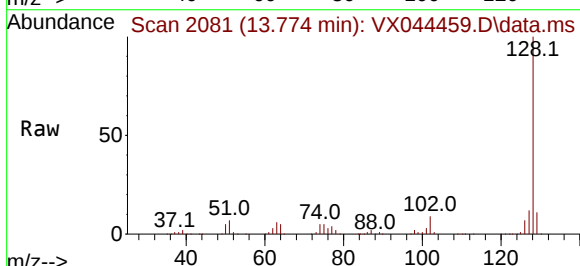
Tgt Ion:128 Resp: 347043

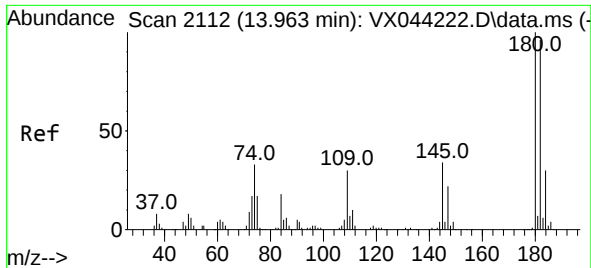
Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

129 11.0 9.0 13.4





#96  
 1,2,3-Trichlorobenzene  
 Concen: 52.644 ug/l  
 RT: 13.957 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VX044459.D  
 Acq: 20 Dec 2024 17:53

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BPOW6-11-20241212MS

Tgt Ion:180 Resp: 103034  
 Ion Ratio Lower Upper  
 180 100  
 182 94.4 48.0 144.0  
 145 32.9 17.7 53.1

