

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041725\  
 Data File : VX045821.D  
 Acq On : 17 Apr 2025 12:26  
 Operator : JC/MD  
 Sample : VX0417WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Apr 18 03:36:38 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040225W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 02 03:11:43 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.543  | 168   | 84168    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757  | 114   | 148417   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.049 | 117   | 128248   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.018 | 152   | 58805    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952  | 65    | 75151    | 48.824   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 97.640%  |
| 35) Dibromofluoromethane     | 5.379  | 113   | 51296    | 48.713   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 97.420%  |
| 50) Toluene-d8               | 8.647  | 98    | 171645   | 46.700   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 93.400%  |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 65252    | 48.740   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 77 - 121 | Recovery | =      | 97.480%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 22279    | 17.700   | ug/l   | 99       |
| 3) Chloromethane             | 1.306  | 50    | 20571    | 15.908   | ug/l   | 100      |
| 4) Vinyl Chloride            | 1.373  | 62    | 19163    | 16.193   | ug/l   | 98       |
| 5) Bromomethane              | 1.593  | 94    | 9080     | 16.182   | ug/l   | 97       |
| 6) Chloroethane              | 1.672  | 64    | 11707    | 18.645   | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 1.879  | 101   | 32278    | 18.291   | ug/l   | 99       |
| 8) Diethyl Ether             | 2.136  | 74    | 10850    | 18.313   | ug/l   | 100      |
| 9) 1,1,2-Trichlorotrifluo... | 2.318  | 101   | 19819    | 19.166   | ug/l   | 98       |
| 10) Methyl Iodide            | 2.446  | 142   | 21758    | 16.869   | ug/l   | 96       |
| 11) Tert butyl alcohol       | 2.971  | 59    | 21252    | 102.737  | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 2.312  | 96    | 17340    | 17.161   | ug/l   | 97       |
| 13) Acrolein                 | 2.233  | 56    | 15342    | 53.858   | ug/l   | 97       |
| 14) Allyl chloride           | 2.654  | 41    | 34347    | 17.915   | ug/l   | 98       |
| 15) Acrylonitrile            | 3.062  | 53    | 62548    | 95.789   | ug/l   | 99       |
| 16) Acetone                  | 2.379  | 43    | 60478    | 95.686   | ug/l   | 94       |
| 17) Carbon Disulfide         | 2.507  | 76    | 34289    | 13.740   | ug/l   | 95       |
| 18) Methyl Acetate           | 2.703  | 43    | 33283    | 22.872   | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 3.111  | 73    | 65446    | 18.515   | ug/l   | 100      |
| 20) Methylene Chloride       | 2.782  | 84    | 20706    | 17.499   | ug/l   | 97       |
| 21) trans-1,2-Dichloroethene | 3.087  | 96    | 17654    | 17.102   | ug/l   | 95       |
| 22) Diisopropyl ether        | 3.757  | 45    | 68480    | 18.133   | ug/l # | 87       |
| 23) Vinyl Acetate            | 3.715  | 43    | 294673   | 90.309   | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 3.605  | 63    | 38459    | 18.007   | ug/l   | 99       |
| 25) 2-Butanone               | 4.556  | 43    | 90736    | 98.073   | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 4.464  | 77    | 27712    | 20.082   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 4.477  | 96    | 22325    | 17.751   | ug/l   | 97       |
| 28) Bromochloromethane       | 4.891  | 49    | 18904    | 18.316   | ug/l   | 100      |
| 29) Tetrahydrofuran          | 5.001  | 42    | 55427    | 92.405   | ug/l   | 98       |
| 30) Chloroform               | 5.086  | 83    | 41014    | 18.663   | ug/l   | 97       |
| 31) Cyclohexane              | 5.464  | 56    | 31939    | 16.916   | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 5.379  | 97    | 34523    | 18.565   | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 5.690  | 75    | 25434    | 17.889   | ug/l   | 98       |
| 37) Ethyl Acetate            | 4.714  | 43    | 32844    | 18.331   | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 5.671  | 117   | 28848    | 18.774   | ug/l   | 99       |
| 39) Methylcyclohexane        | 7.372  | 83    | 30674    | 17.600   | ug/l   | 93       |
| 40) Benzene                  | 6.031  | 78    | 77203    | 17.779   | ug/l   | 99       |

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 Sample : VX0417WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Apr 18 03:36:38 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040225W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 02 03:11:43 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 19283    | 20.397  | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 33862    | 18.881  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.336  | 43   | 50096    | 18.447  | ug/l   | 100      |
| 44) Trichloroethene           | 7.122  | 130  | 18782    | 18.198  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 20163    | 18.610  | ug/l   | 92       |
| 46) Dibromomethane            | 7.580  | 93   | 15906    | 19.125  | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.817  | 83   | 31283    | 18.835  | ug/l   | 94       |
| 48) Methyl methacrylate       | 7.696  | 41   | 26840    | 19.142  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 11702    | 461.286 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 8.567  | 43   | 179309   | 99.603  | ug/l   | 98       |
| 52) Toluene                   | 8.714  | 92   | 47540    | 18.093  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 25109    | 17.290  | ug/l   | 93       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 29276    | 18.757  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 9.146  | 97   | 19836    | 18.945  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 30727    | 18.963  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 34701    | 19.032  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 74561    | 90.959  | ug/l   | 100      |
| 59) 2-Hexanone                | 9.427  | 43   | 133151   | 99.879  | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.518  | 129  | 21376    | 18.727  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.604  | 107  | 20214    | 19.071  | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.268  | 164  | 17008    | 18.784  | ug/l   | 95       |
| 65) Chlorobenzene             | 10.079 | 112  | 51317    | 18.726  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.158 | 131  | 17642    | 18.543  | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.189 | 91   | 91748    | 18.693  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.299 | 106  | 66251    | 37.112  | ug/l   | 97       |
| 69) o-Xylene                  | 10.640 | 106  | 32513    | 18.489  | ug/l   | 96       |
| 70) Styrene                   | 10.652 | 104  | 55851    | 19.243  | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 13254    | 18.657  | ug/l # | 98       |
| 73) Isopropylbenzene          | 10.957 | 105  | 89827    | 19.070  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.841 | 43   | 42993    | 19.081  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 32714    | 19.771  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 32740    | 22.825  | ug/l   | 91       |
| 77) Bromobenzene              | 11.195 | 156  | 20165    | 18.528  | ug/l   | 99       |
| 78) n-propylbenzene           | 11.305 | 91   | 101623   | 18.731  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.359 | 91   | 64766    | 18.673  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 74713    | 19.182  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 7052     | 16.686  | ug/l   | 89       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 73779    | 19.078  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.713 | 119  | 73160    | 18.972  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 75739    | 19.374  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 91720    | 19.365  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 75211    | 19.261  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 37202    | 18.778  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 12.036 | 146  | 37638    | 18.740  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.329 | 91   | 65089    | 19.222  | ug/l   | 97       |
| 90) Hexachloroethane          | 12.536 | 117  | 12615    | 18.798  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 37761    | 19.172  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 12.938 | 75   | 7290     | 21.066  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 21463    | 19.576  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 9512     | 20.134  | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 79057    | 19.377  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 21944    | 19.114  | ug/l   | 98       |

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Sample : VX0417WBSD01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040225W.M  
Quant Title : SW846 8260  
QLast Update : Wed Apr 02 03:11:43 2025  
Response via : Initial Calibration

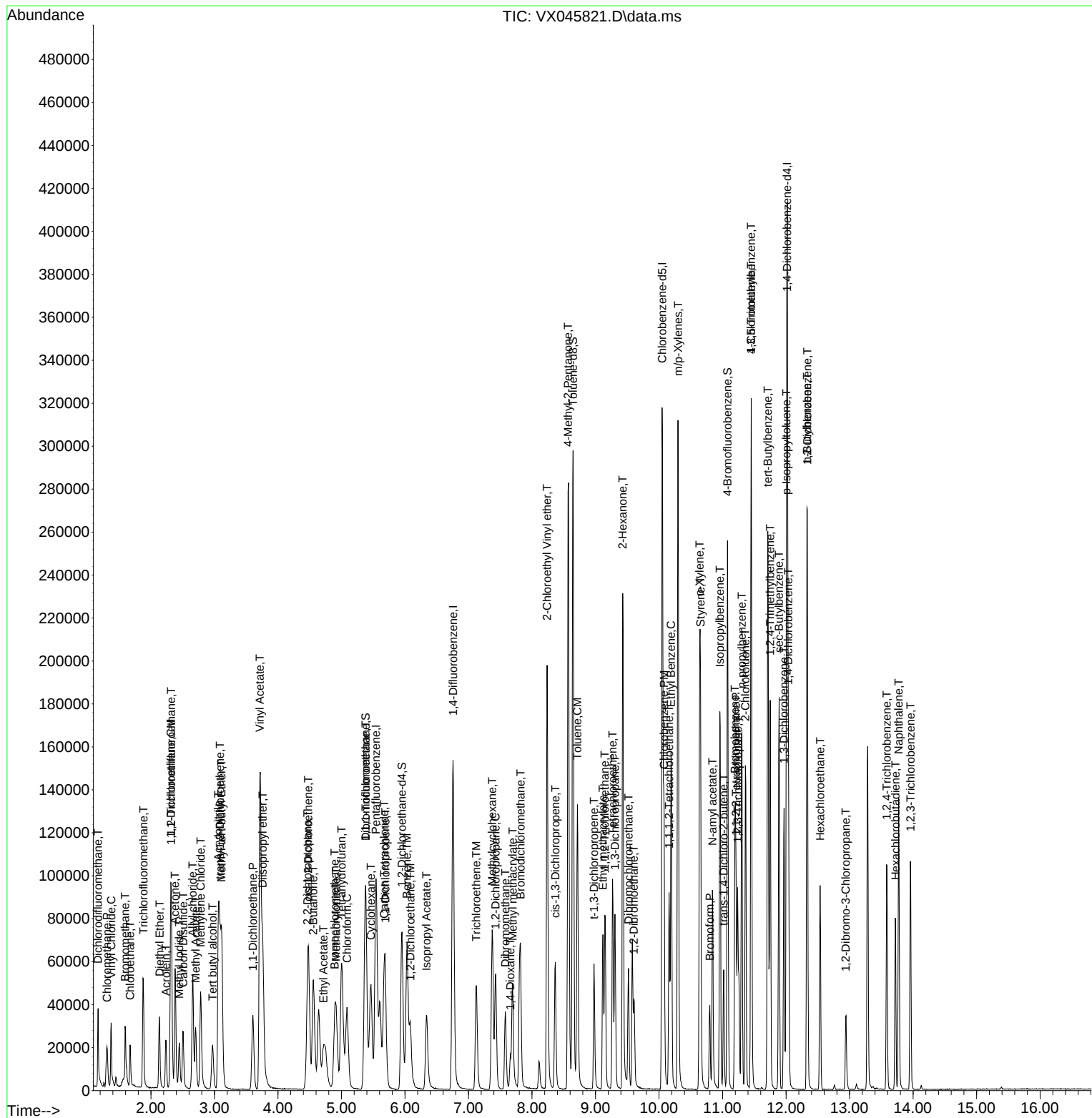
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

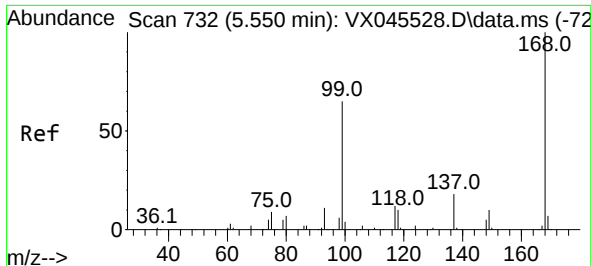
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Sample : VX0417WBSD01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
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QLast Update : Wed Apr 02 03:11:43 2025  
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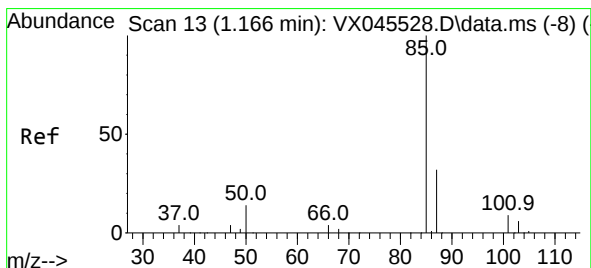
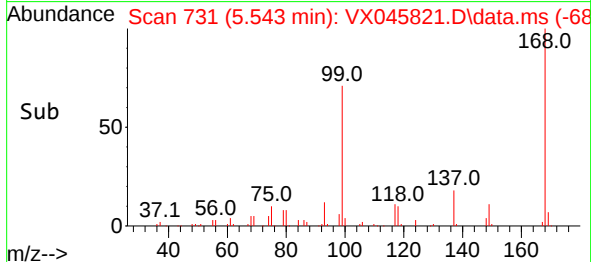
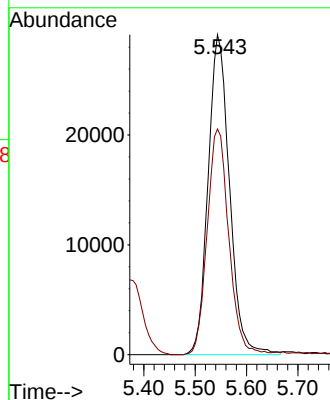
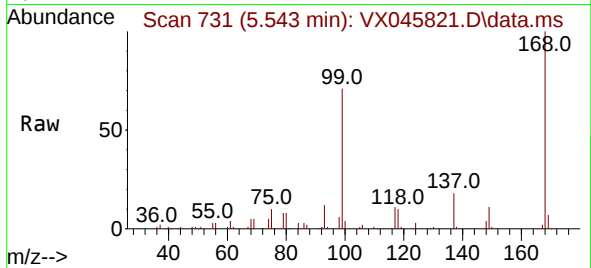




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.543 min Scan# 71  
Delta R.T. -0.007 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

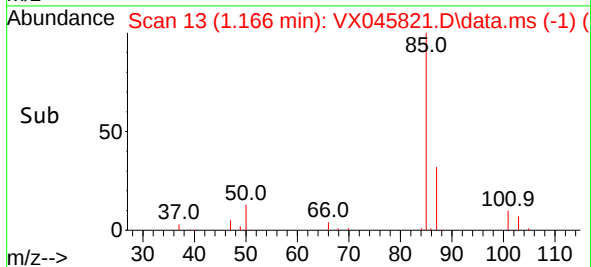
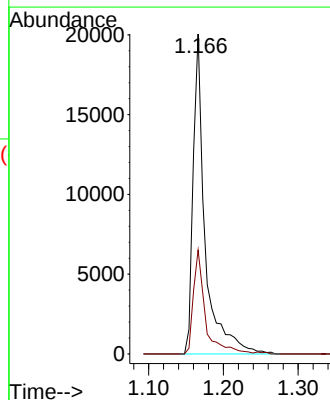
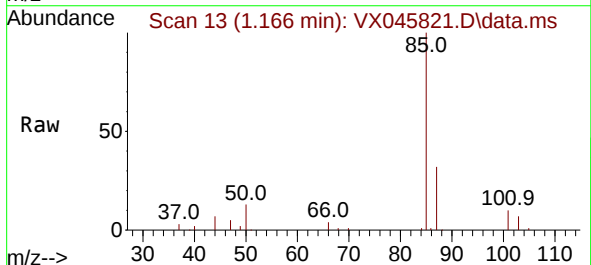
Instrument : MSVOA\_X  
ClientSampleId :

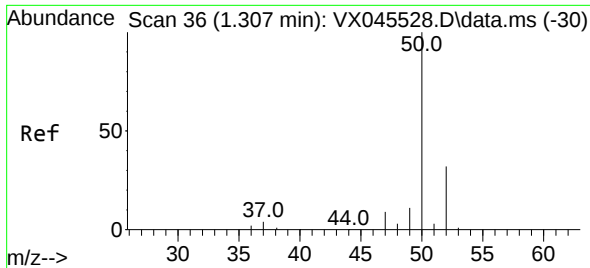
Tgt Ion:168 Resp: 84168  
Ion Ratio Lower Upper  
168 100  
99 70.5 52.3 78.5



#2  
Dichlorodifluoromethane  
Concen: 17.700 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

Tgt Ion: 85 Resp: 22279  
Ion Ratio Lower Upper  
85 100  
87 32.5 16.1 48.2

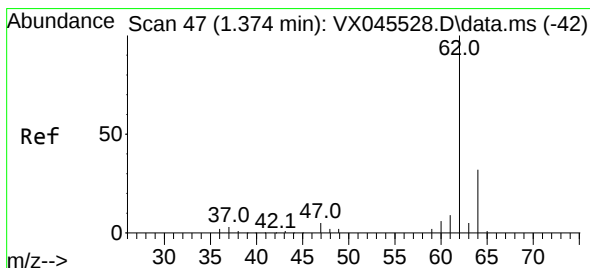
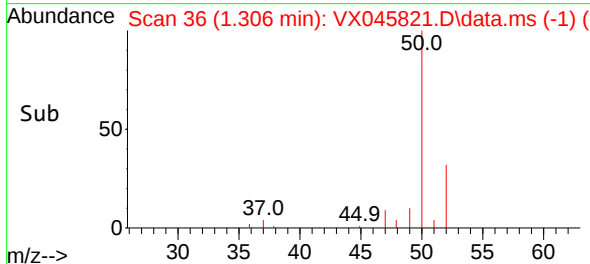
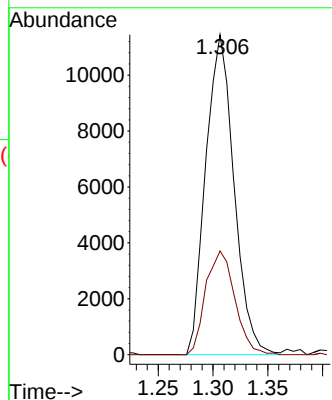
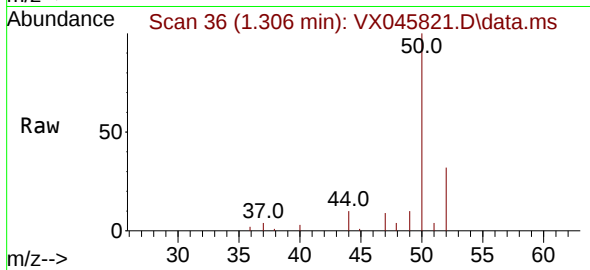




#3  
Chloromethane  
Concen: 15.908 ug/l  
RT: 1.306 min Scan# 30  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

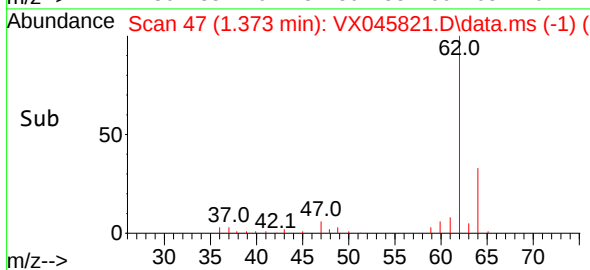
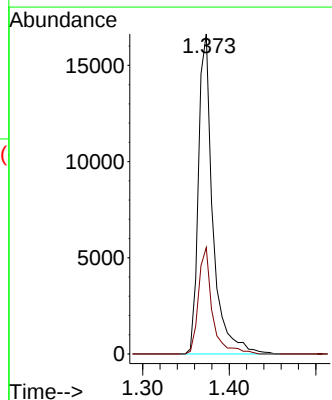
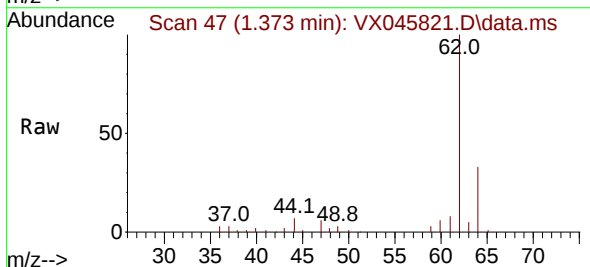
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 50 Resp: 20571  
Ion Ratio Lower Upper  
50 100  
52 32.4 25.9 38.9



#4  
Vinyl Chloride  
Concen: 16.193 ug/l  
RT: 1.373 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

Tgt Ion: 62 Resp: 19163  
Ion Ratio Lower Upper  
62 100  
64 33.2 25.5 38.3

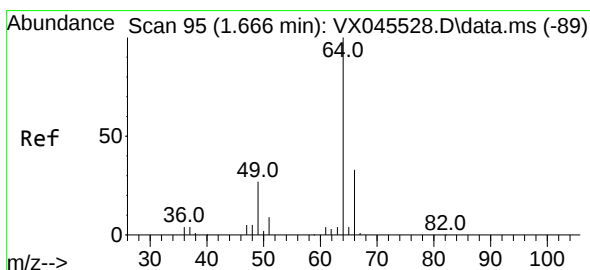
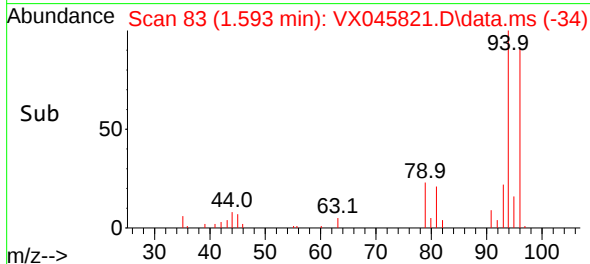
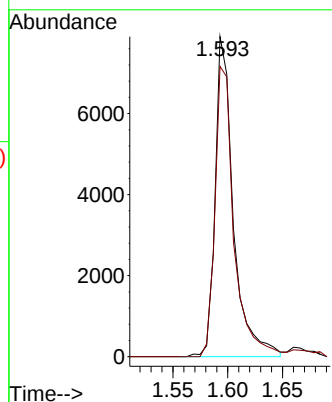
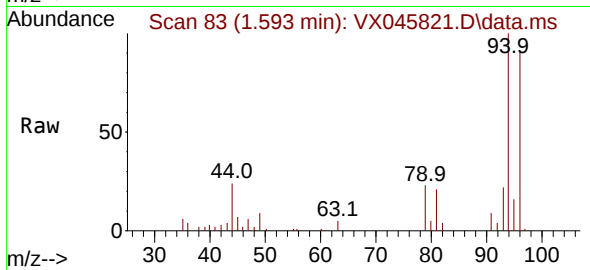




#5  
Bromomethane  
Concen: 16.182 ug/l  
RT: 1.593 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

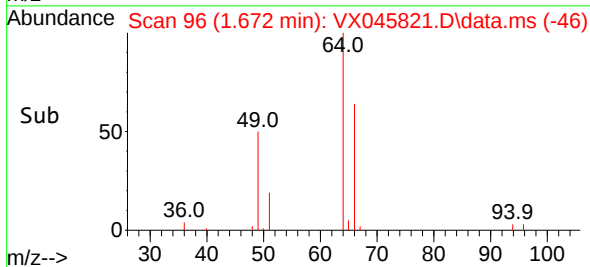
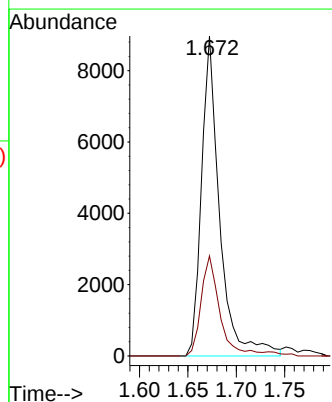
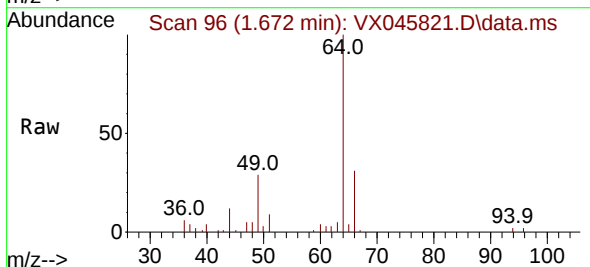
Instrument :  
MSVOA\_X  
ClientSampleId :

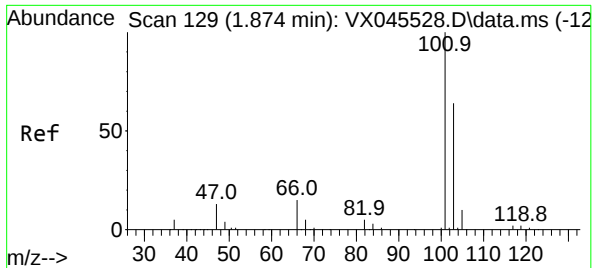
Tgt Ion: 94 Resp: 9080  
Ion Ratio Lower Upper  
94 100  
96 90.7 74.8 112.2



#6  
Chloroethane  
Concen: 18.645 ug/l  
RT: 1.672 min Scan# 96  
Delta R.T. 0.006 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

Tgt Ion: 64 Resp: 11707  
Ion Ratio Lower Upper  
64 100  
66 31.2 26.3 39.5

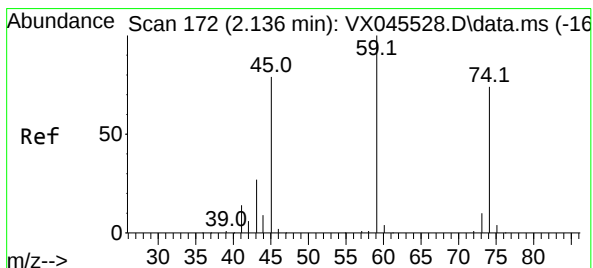
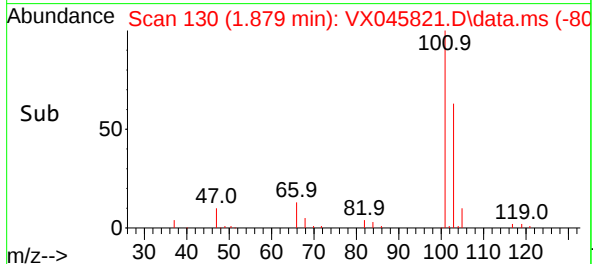
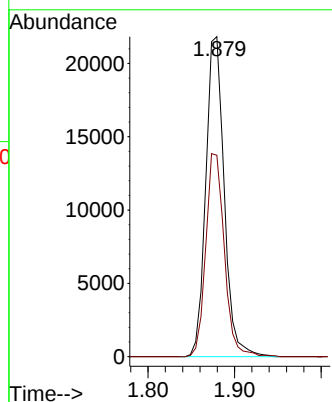
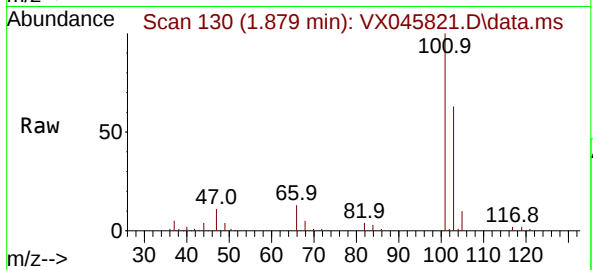




#7  
 Trichlorofluoromethane  
 Concen: 18.291 ug/l  
 RT: 1.879 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VX045821.D  
 Acq: 17 Apr 2025 12:26

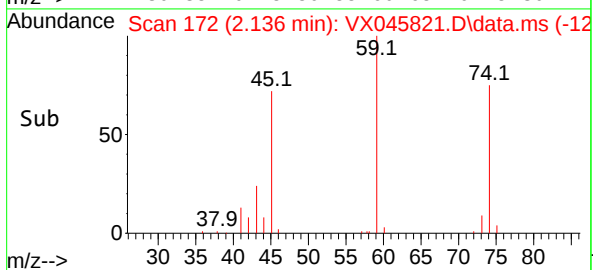
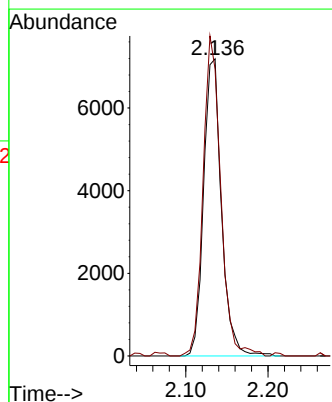
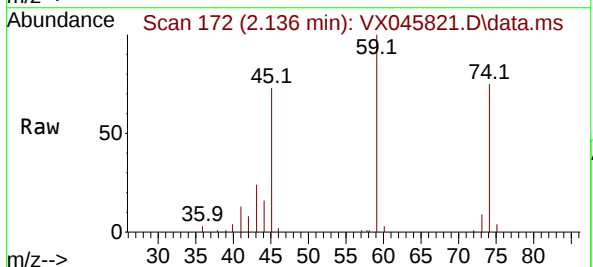
Instrument :  
 MSVOA\_X  
 ClientSampleId :

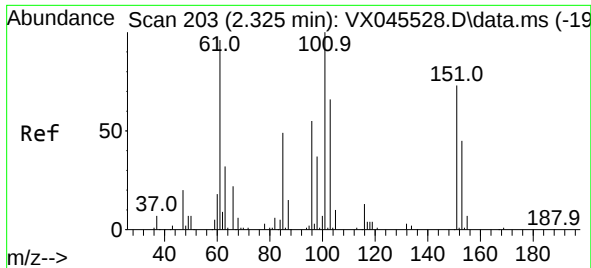
Tgt Ion:101 Resp: 32278  
 Ion Ratio Lower Upper  
 101 100  
 103 62.9 51.1 76.7



#8  
 Diethyl Ether  
 Concen: 18.313 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. -0.000 min  
 Lab File: VX045821.D  
 Acq: 17 Apr 2025 12:26

Tgt Ion: 74 Resp: 10850  
 Ion Ratio Lower Upper  
 74 100  
 45 106.5 53.0 159.1

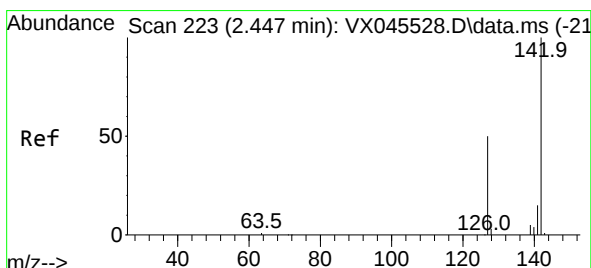
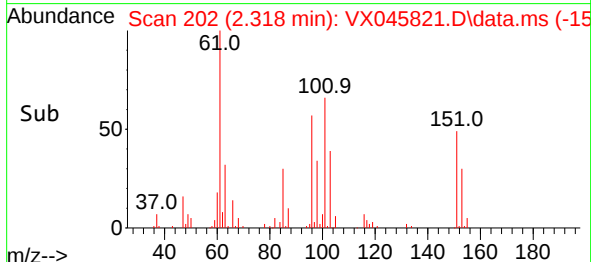
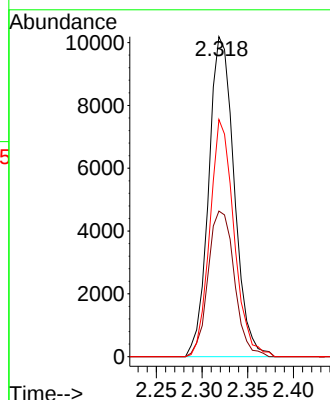
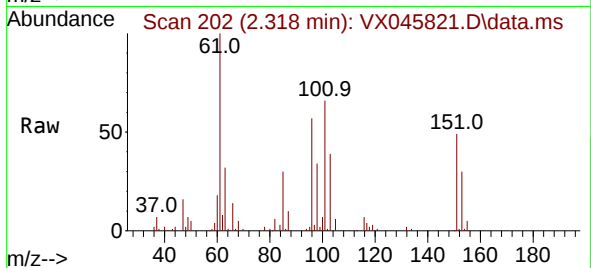




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.166 ug/l  
RT: 2.318 min Scan# 203  
Delta R.T. -0.006 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

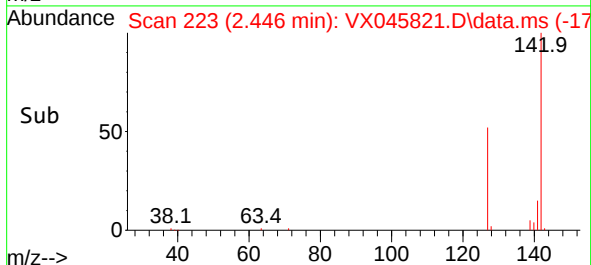
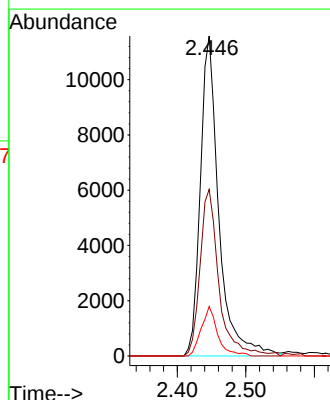
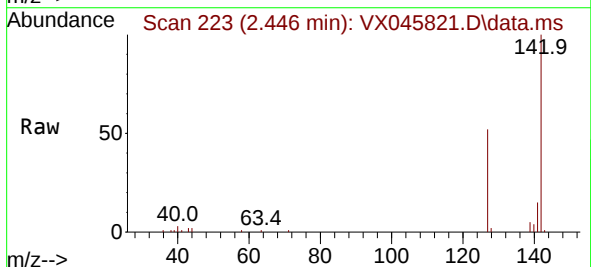
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:101 Resp: 19819  
Ion Ratio Lower Upper  
101 100  
85 46.8 38.9 58.3  
151 70.2 57.5 86.3



#10  
Methyl Iodide  
Concen: 16.869 ug/l  
RT: 2.446 min Scan# 223  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

Tgt Ion:142 Resp: 21758  
Ion Ratio Lower Upper  
142 100  
127 53.0 40.2 60.4  
141 13.8 11.7 17.5

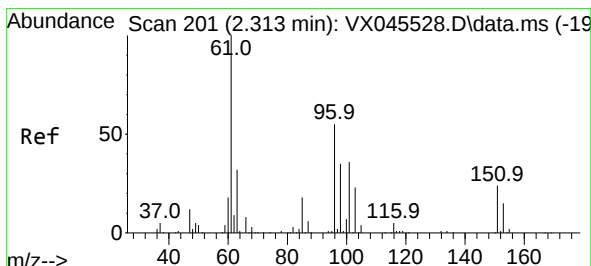
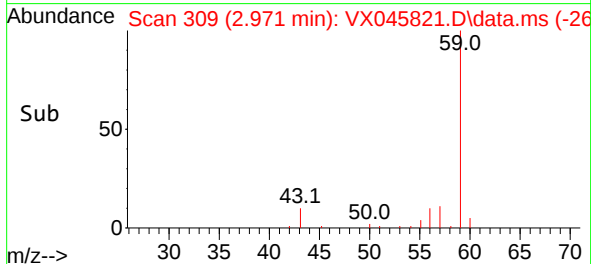
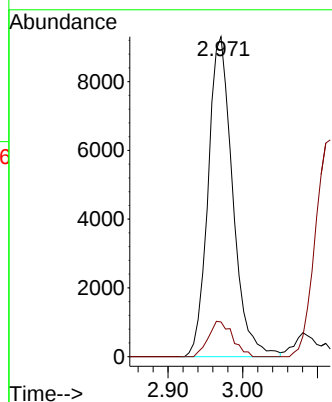
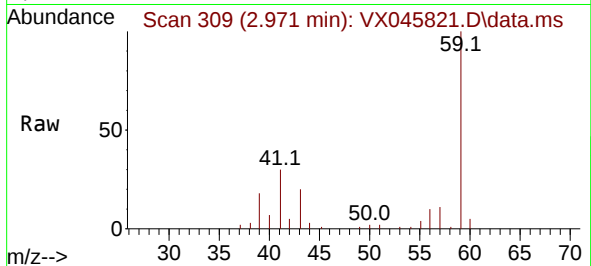




#11  
Tert butyl alcohol  
Concen: 102.737 ug/l  
RT: 2.971 min Scan# 30  
Delta R.T. -0.006 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

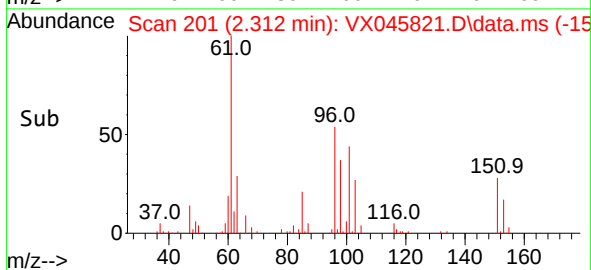
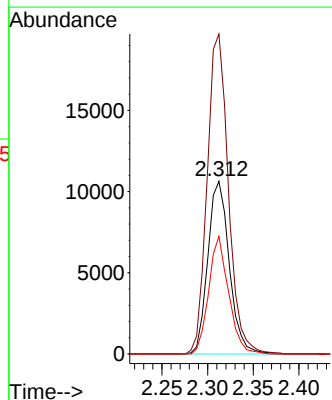
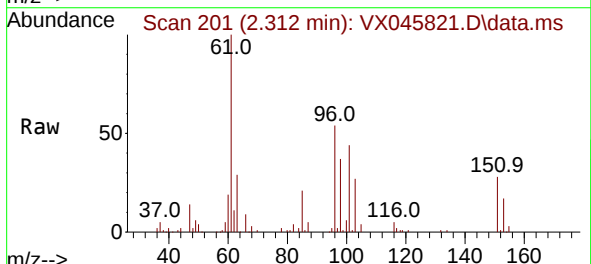
Instrument :  
MSVOA\_X  
ClientSampleId :

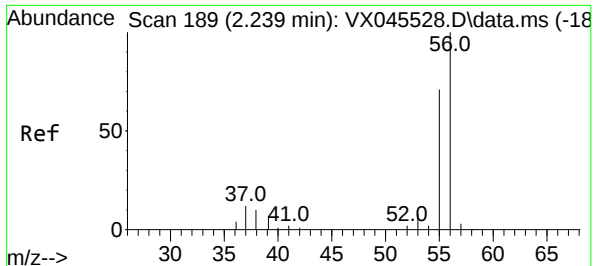
Tgt Ion: 59 Resp: 21252  
Ion Ratio Lower Upper  
59 100  
57 10.9 8.6 12.8



#12  
1,1-Dichloroethene  
Concen: 17.161 ug/l  
RT: 2.312 min Scan# 201  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

Tgt Ion: 96 Resp: 17340  
Ion Ratio Lower Upper  
96 100  
61 185.3 145.7 218.5  
98 68.1 51.6 77.4





#13

Acrolein

Concen: 53.858 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX045821.D

Acq: 17 Apr 2025 12:26

Instrument :

MSVOA\_X

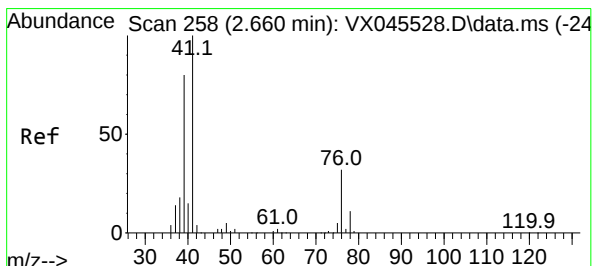
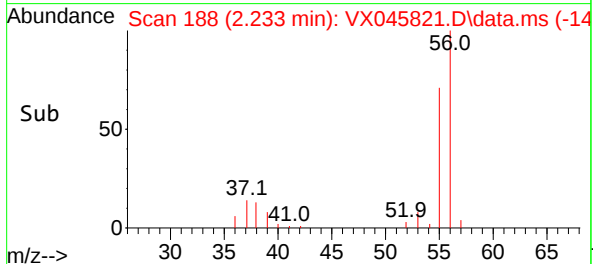
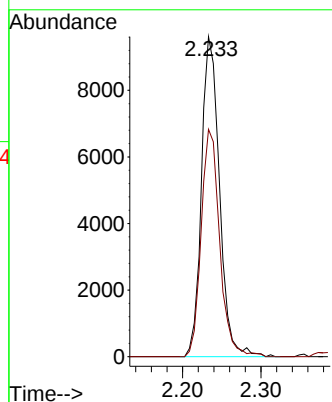
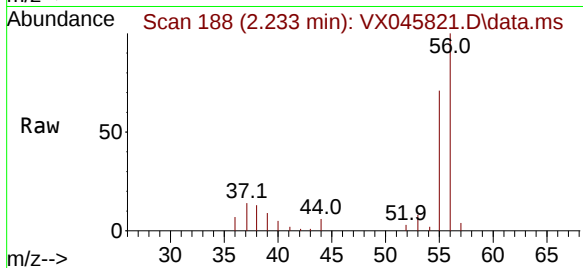
ClientSampleId :

Tgt Ion: 56 Resp: 15342

Ion Ratio Lower Upper

56 100

55 73.0 56.2 84.2



#14

Allyl chloride

Concen: 17.915 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX045821.D

Acq: 17 Apr 2025 12:26

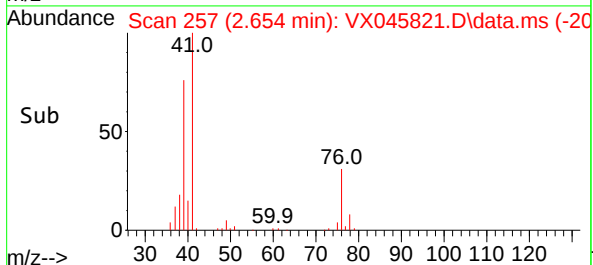
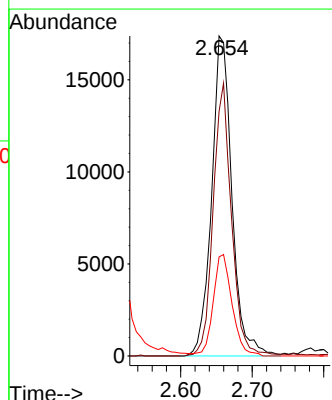
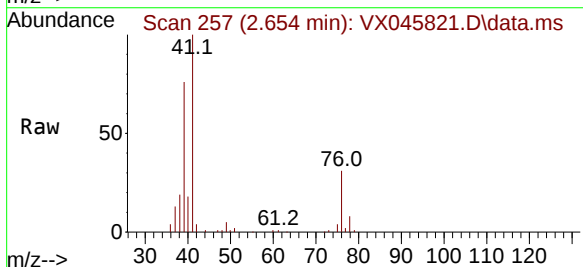
Tgt Ion: 41 Resp: 34347

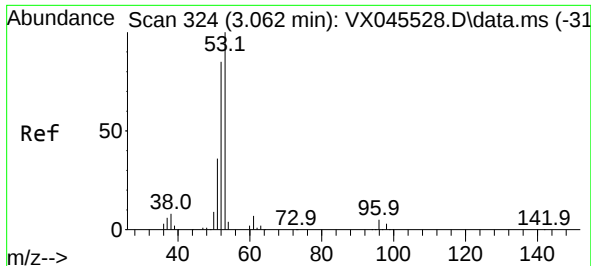
Ion Ratio Lower Upper

41 100

39 77.0 60.2 90.2

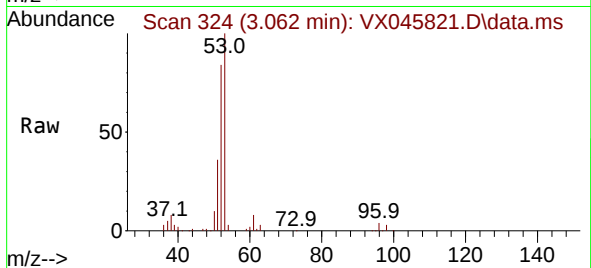
76 29.5 24.6 36.8



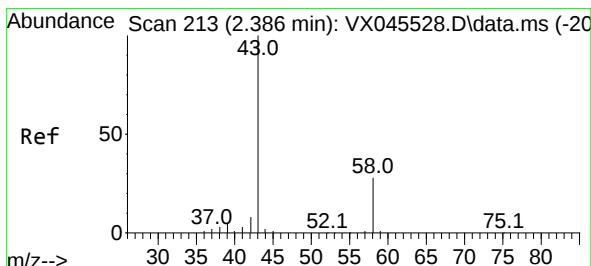
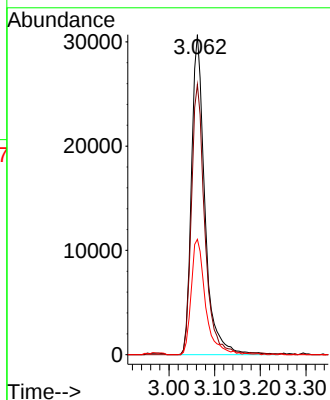
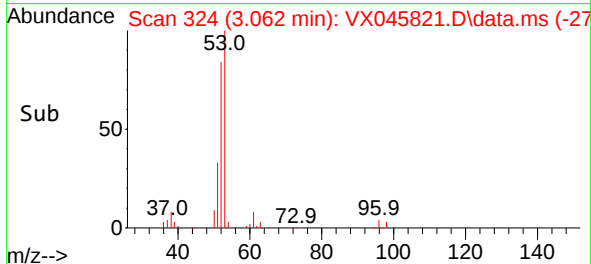


#15  
Acrylonitrile  
Concen: 95.789 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

Instrument :  
MSVOA\_X  
ClientSampleId :

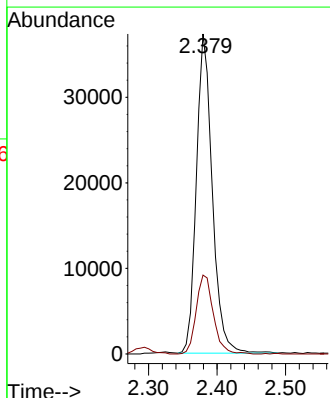
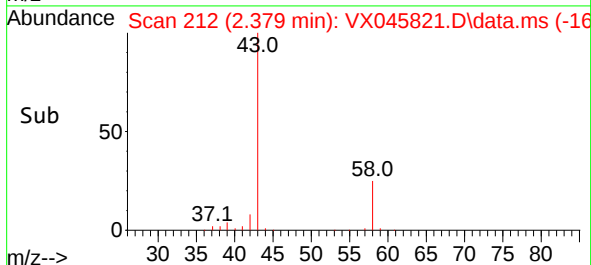
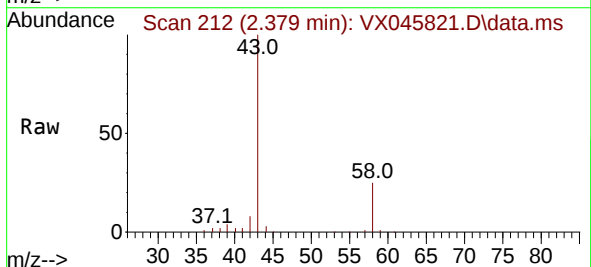


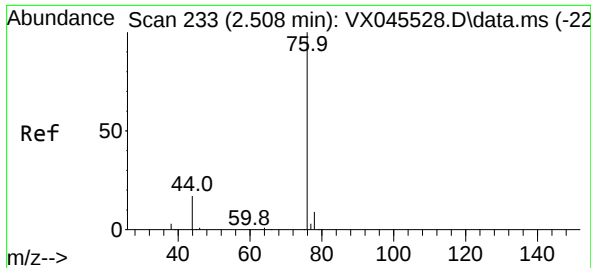
Tgt Ion: 53 Resp: 62548  
Ion Ratio Lower Upper  
53 100  
52 84.3 67.4 101.2  
51 38.7 29.9 44.9



#16  
Acetone  
Concen: 95.686 ug/l  
RT: 2.379 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

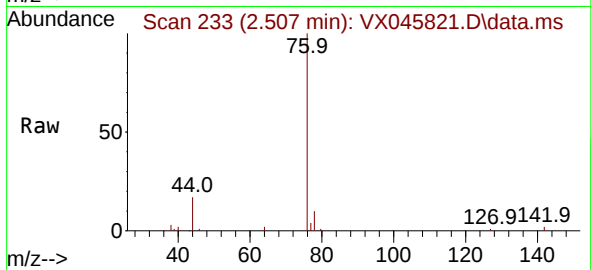
Tgt Ion: 43 Resp: 60478  
Ion Ratio Lower Upper  
43 100  
58 24.6 22.3 33.5



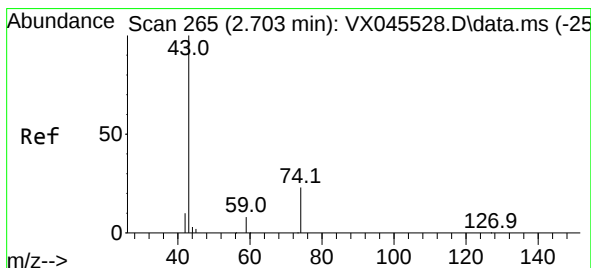
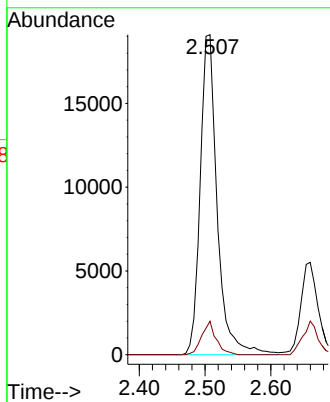
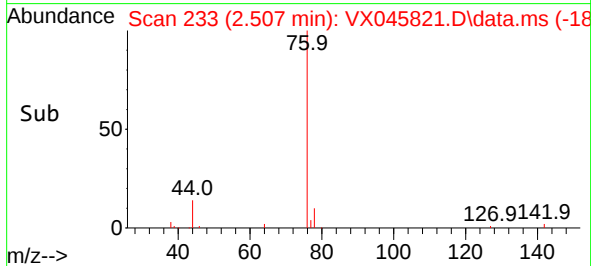


#17  
Carbon Disulfide  
Concen: 13.740 ug/l  
RT: 2.507 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

Instrument :  
MSVOA\_X  
ClientSampleId :

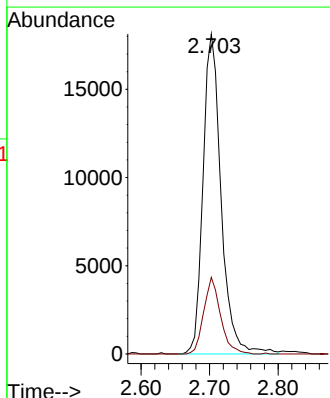
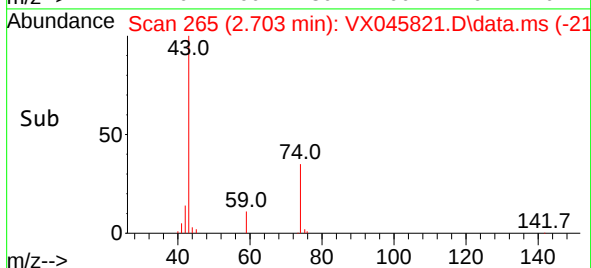
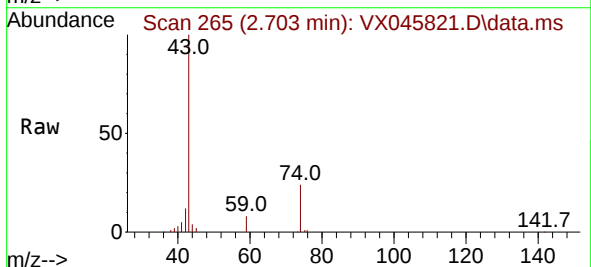


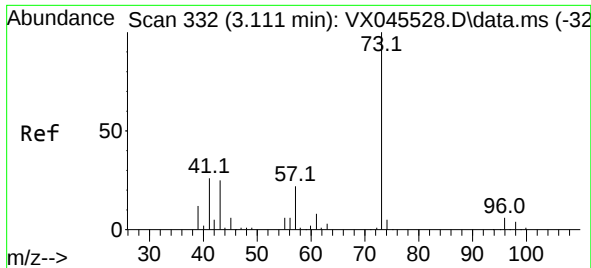
Tgt Ion: 76 Resp: 34289  
Ion Ratio Lower Upper  
76 100  
78 10.4 7.0 10.6



#18  
Methyl Acetate  
Concen: 22.872 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

Tgt Ion: 43 Resp: 33283  
Ion Ratio Lower Upper  
43 100  
74 22.2 17.5 26.3

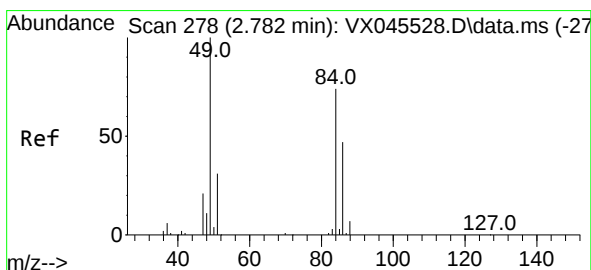
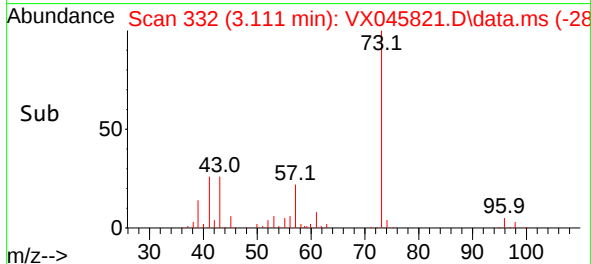
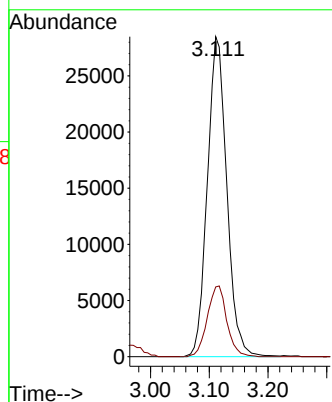
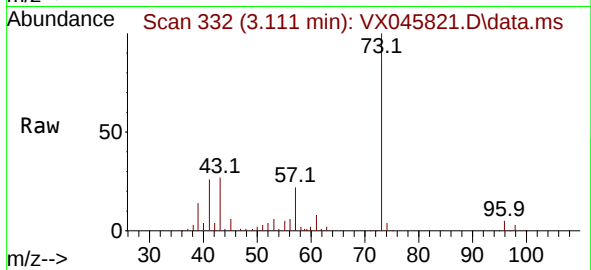




#19  
Methyl tert-butyl Ether  
Concen: 18.515 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

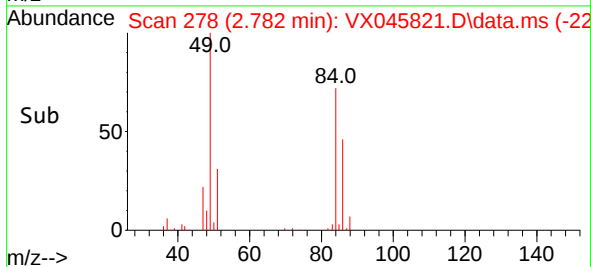
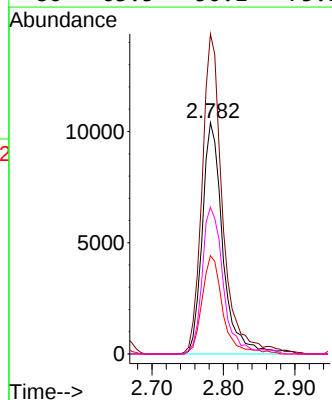
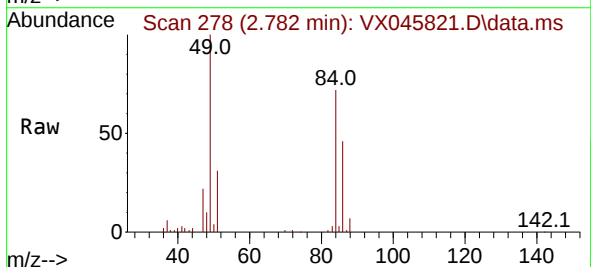
Instrument :  
MSVOA\_X  
ClientSampleId :

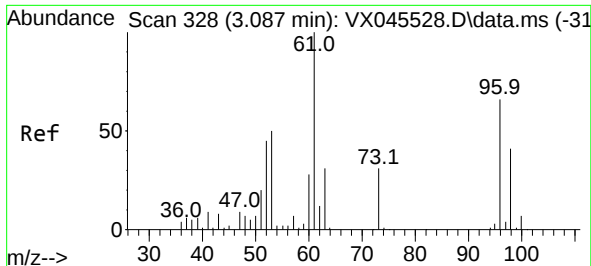
Tgt Ion: 73 Resp: 65446  
Ion Ratio Lower Upper  
73 100  
57 21.8 17.6 26.4



#20  
Methylene Chloride  
Concen: 17.499 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

Tgt Ion: 84 Resp: 20706  
Ion Ratio Lower Upper  
84 100  
49 138.4 107.5 161.3  
51 42.5 33.0 49.6  
86 63.5 50.1 75.1

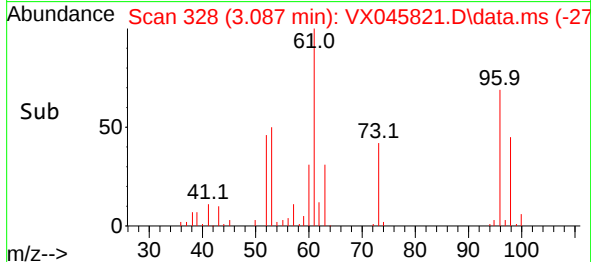
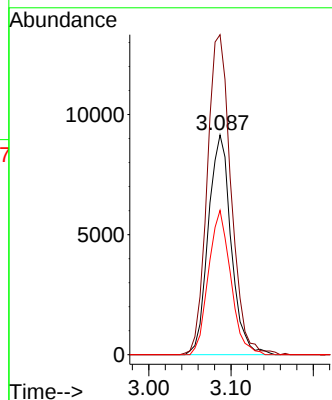
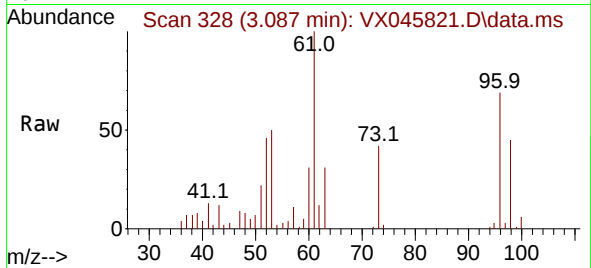




#21  
trans-1,2-Dichloroethene  
Concen: 17.102 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

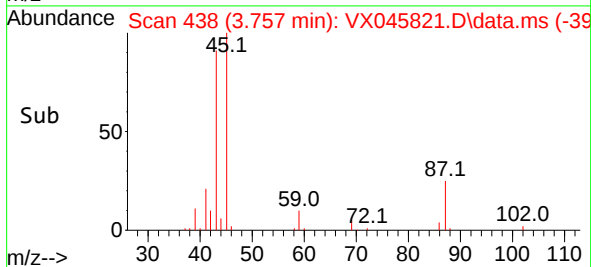
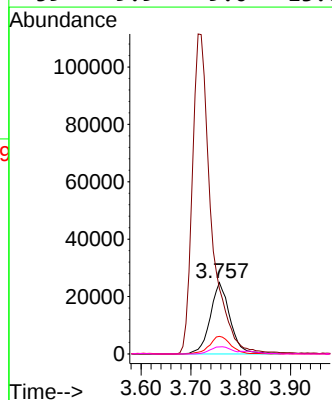
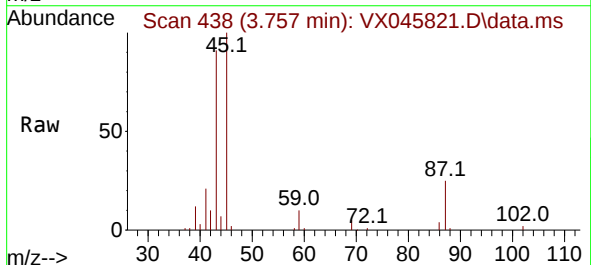
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 96 Resp: 17654  
Ion Ratio Lower Upper  
96 100  
61 145.7 121.0 181.6  
98 65.7 49.7 74.5



#22  
Diisopropyl ether  
Concen: 18.133 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. -0.006 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

Tgt Ion: 45 Resp: 68480  
Ion Ratio Lower Upper  
45 100  
43 89.9 59.3 88.9#  
87 24.7 20.4 30.6  
59 9.9 9.0 13.6

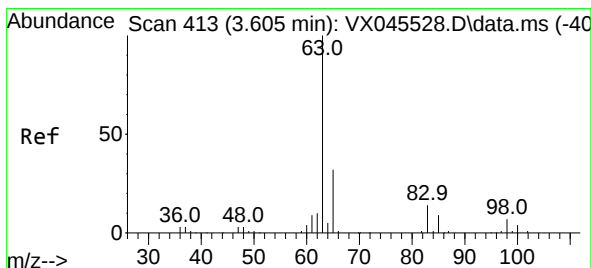
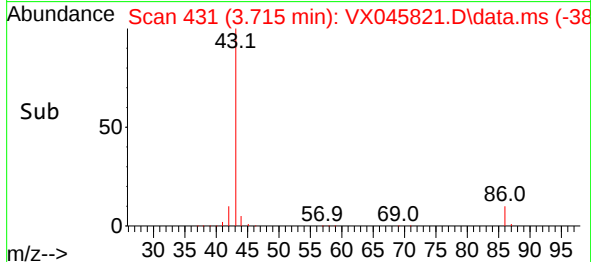
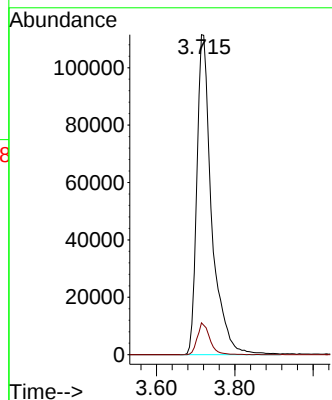
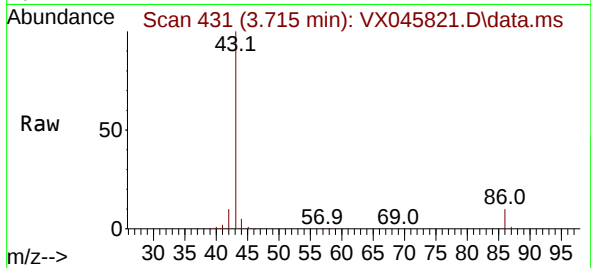




#23  
 Vinyl Acetate  
 Concen: 90.309 ug/l  
 RT: 3.715 min Scan# 413  
 Delta R.T. -0.006 min  
 Lab File: VX045821.D  
 Acq: 17 Apr 2025 12:26

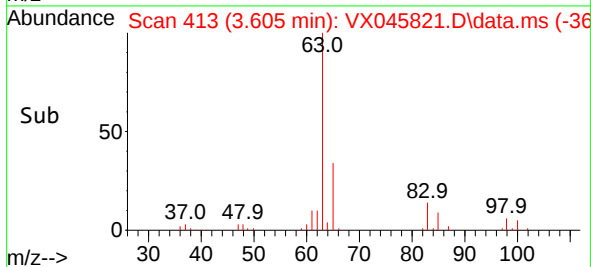
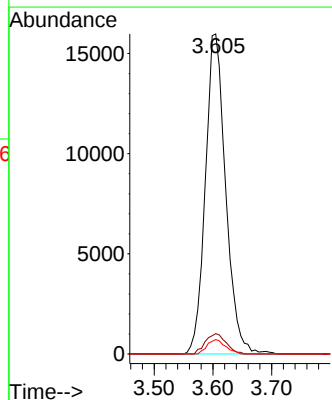
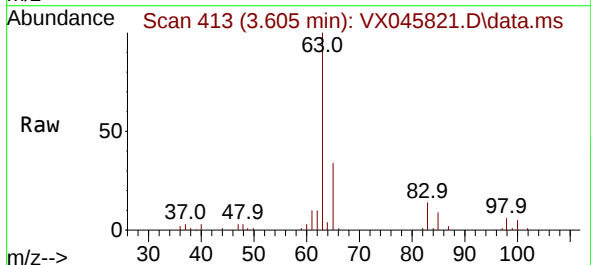
Instrument :  
 MSVOA\_X  
 ClientSampleId :

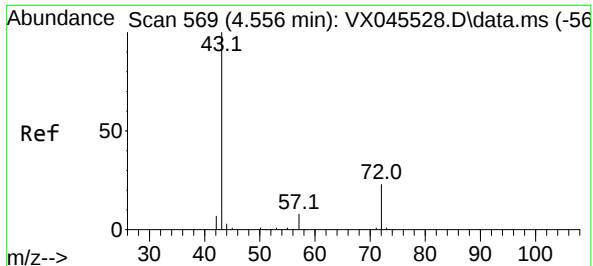
Tgt Ion: 43 Resp: 294673  
 Ion Ratio Lower Upper  
 43 100  
 86 9.9 7.5 11.3



#24  
 1,1-Dichloroethane  
 Concen: 18.007 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX045821.D  
 Acq: 17 Apr 2025 12:26

Tgt Ion: 63 Resp: 38459  
 Ion Ratio Lower Upper  
 63 100  
 98 6.4 3.4 10.1  
 100 4.5 2.2 6.6





#25

2-Butanone

Concen: 98.073 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.000 min

Lab File: VX045821.D

Acq: 17 Apr 2025 12:26

Instrument :

MSVOA\_X

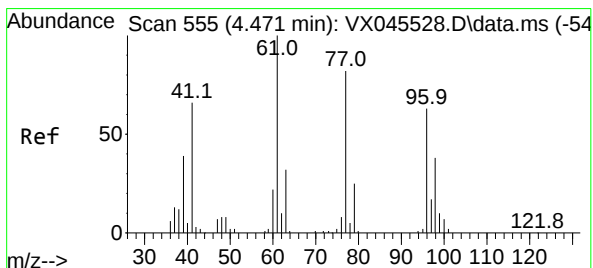
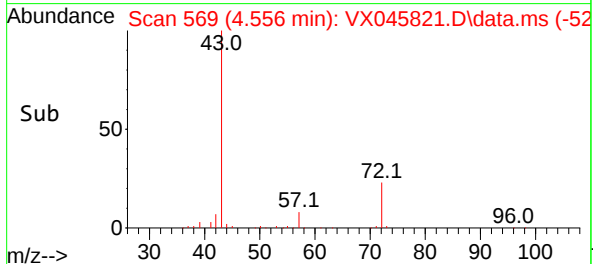
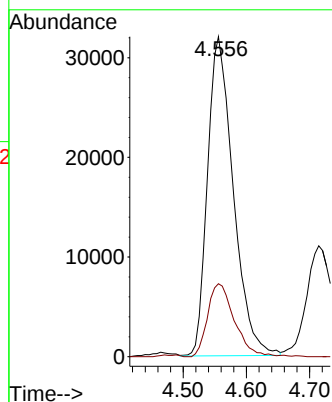
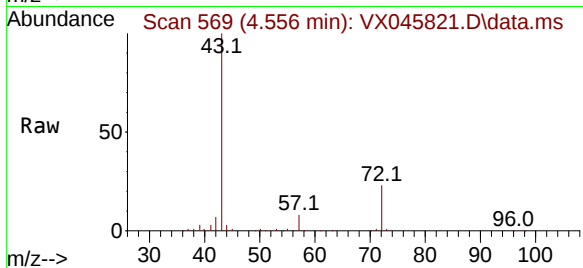
ClientSampleId :

Tgt Ion: 43 Resp: 90736

Ion Ratio Lower Upper

43 100

72 22.5 18.6 28.0



#26

2,2-Dichloropropane

Concen: 20.082 ug/l

RT: 4.464 min Scan# 554

Delta R.T. -0.006 min

Lab File: VX045821.D

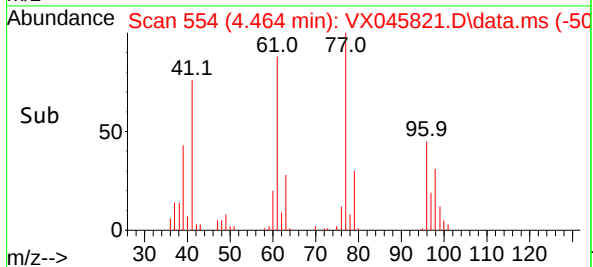
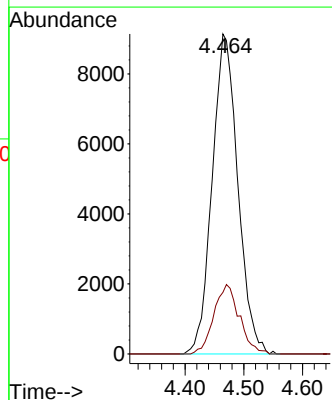
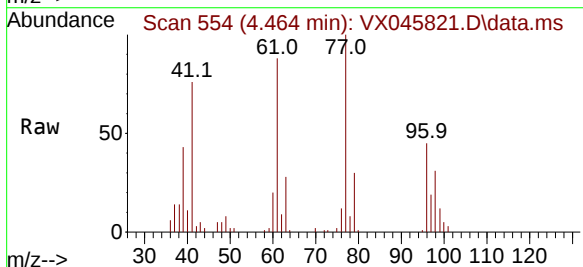
Acq: 17 Apr 2025 12:26

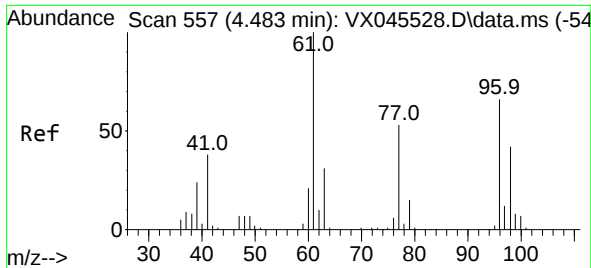
Tgt Ion: 77 Resp: 27712

Ion Ratio Lower Upper

77 100

97 21.6 10.6 31.8

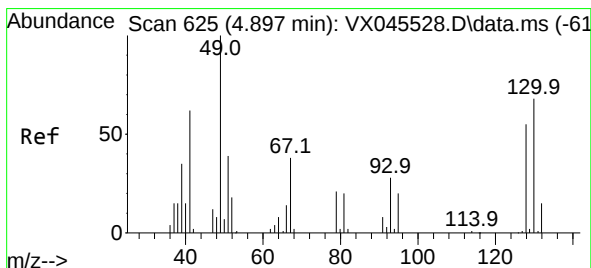
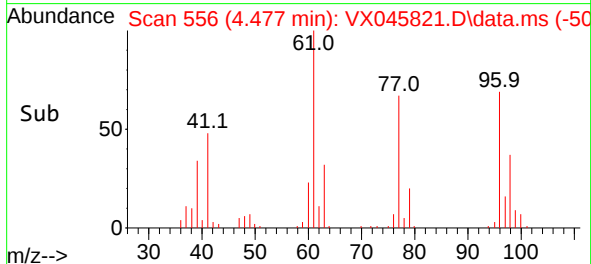
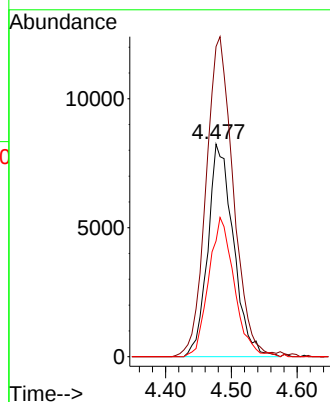
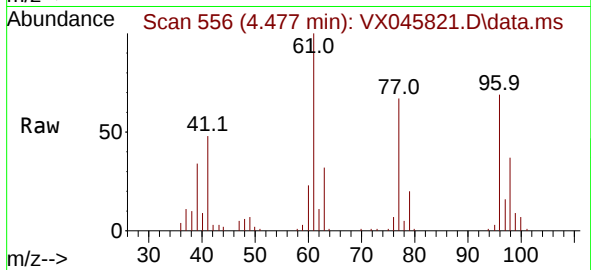




#27  
 cis-1,2-Dichloroethene  
 Concen: 17.751 ug/l  
 RT: 4.477 min Scan# 51  
 Delta R.T. -0.006 min  
 Lab File: VX045821.D  
 Acq: 17 Apr 2025 12:26

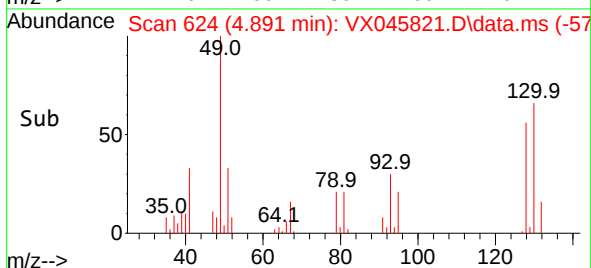
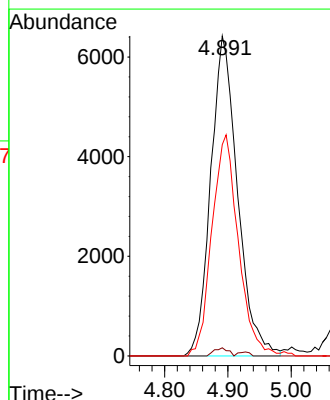
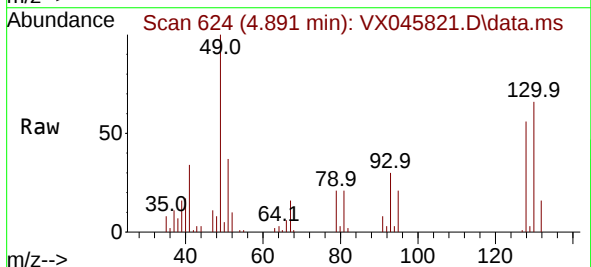
Instrument :  
 MSVOA\_X  
 ClientSampleId :

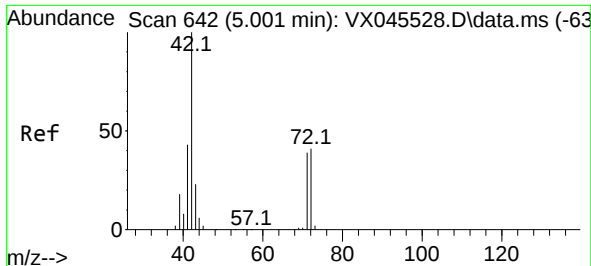
Tgt Ion: 96 Resp: 22325  
 Ion Ratio Lower Upper  
 96 100  
 61 160.9 0.0 313.2  
 98 65.5 0.0 126.4



#28  
 Bromochloromethane  
 Concen: 18.316 ug/l  
 RT: 4.891 min Scan# 624  
 Delta R.T. -0.006 min  
 Lab File: VX045821.D  
 Acq: 17 Apr 2025 12:26

Tgt Ion: 49 Resp: 18904  
 Ion Ratio Lower Upper  
 49 100  
 129 1.3 0.0 3.8  
 130 68.0 54.6 81.8





#29

Tetrahydrofuran

Concen: 92.405 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX045821.D

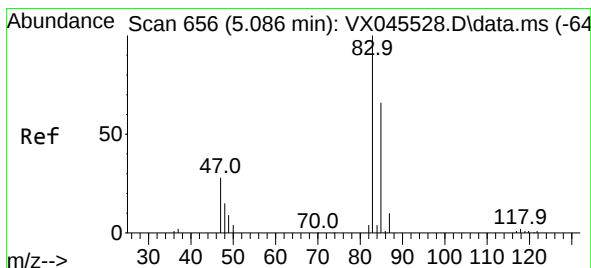
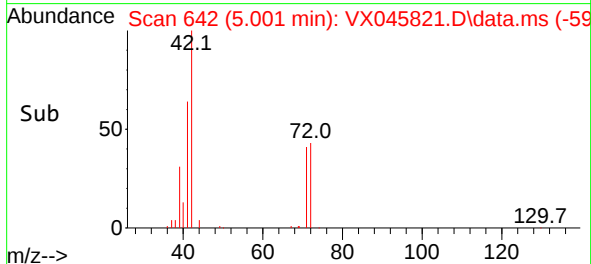
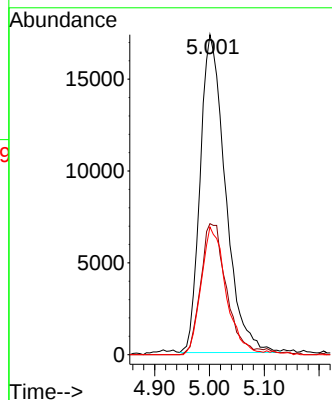
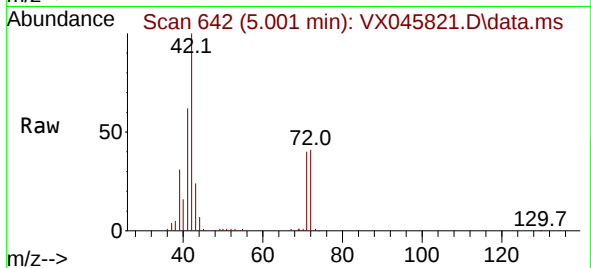
Acq: 17 Apr 2025 12:26

Instrument :

MSVOA\_X

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 55427 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 43.2  | 33.4  | 50.0  |
| 71       | 39.6  | 31.4  | 47.0  |



#30

Chloroform

Concen: 18.663 ug/l

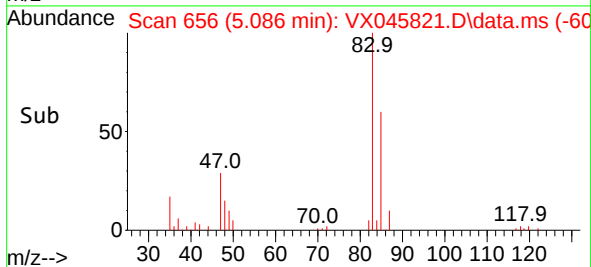
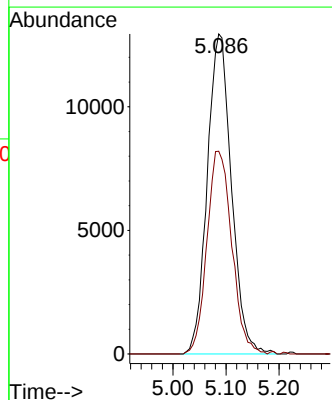
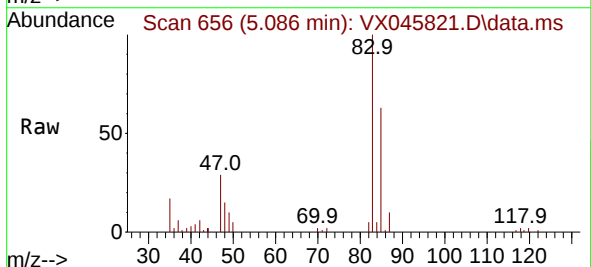
RT: 5.086 min Scan# 656

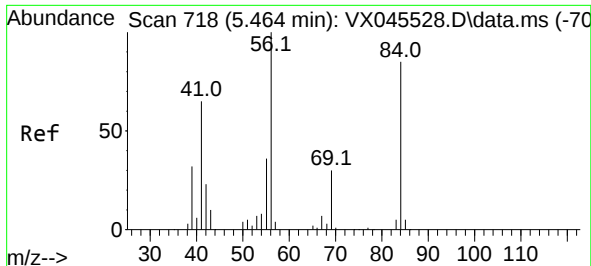
Delta R.T. -0.000 min

Lab File: VX045821.D

Acq: 17 Apr 2025 12:26

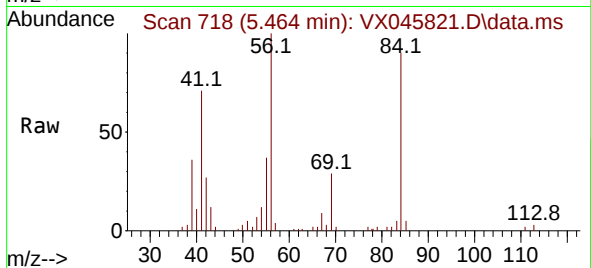
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 41014 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.4  | 52.8  | 79.2  |



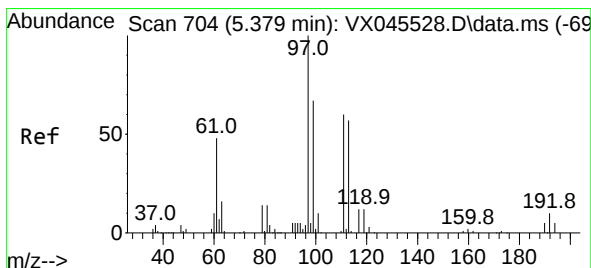
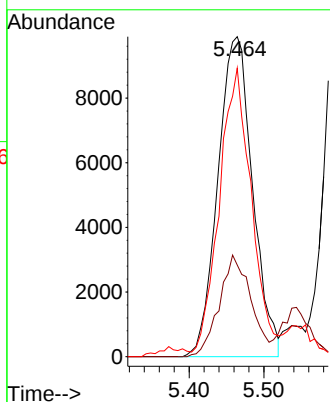
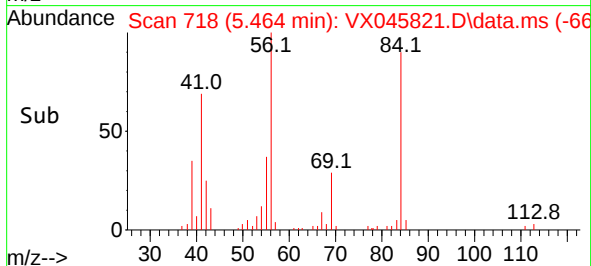


#31  
Cyclohexane  
Concen: 16.916 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

Instrument :  
MSVOA\_X  
ClientSampleId :

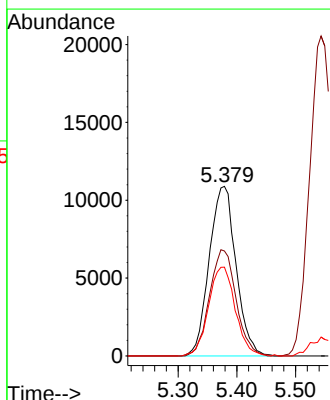
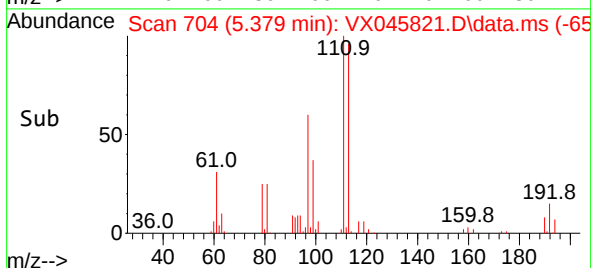
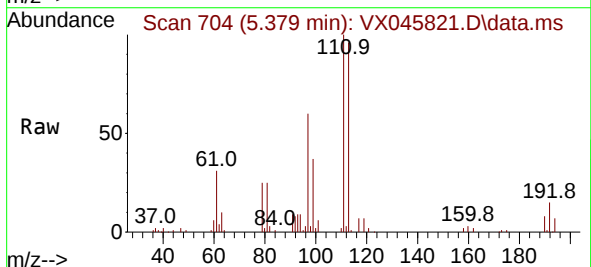


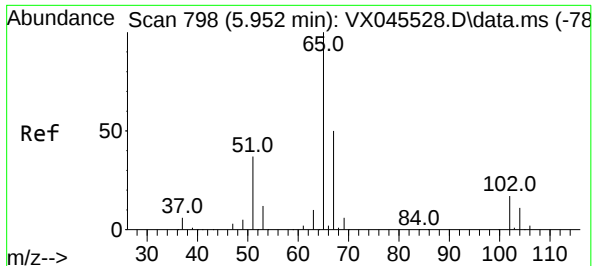
Tgt Ion: 56 Resp: 31939  
Ion Ratio Lower Upper  
56 100  
69 28.6 23.6 35.4  
84 88.3 67.7 101.5



#32  
1,1,1-Trichloroethane  
Concen: 18.565 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

Tgt Ion: 97 Resp: 34523  
Ion Ratio Lower Upper  
97 100  
99 62.1 51.7 77.5  
61 52.3 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 48.824 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045821.D

Acq: 17 Apr 2025 12:26

Instrument :

MSVOA\_X

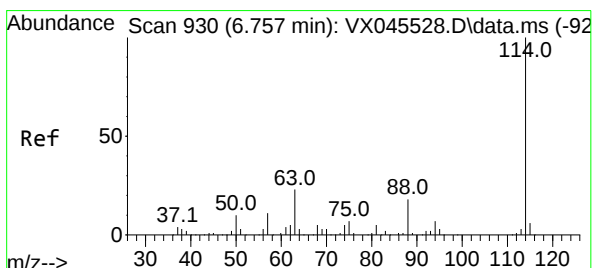
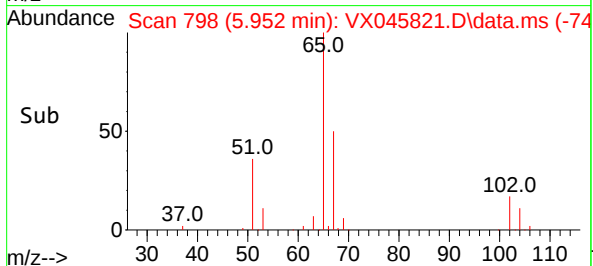
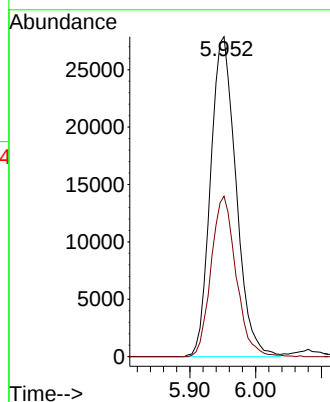
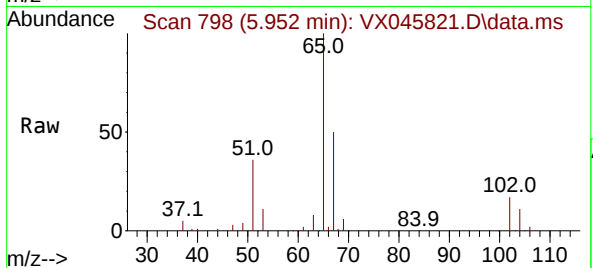
ClientSampleId :

Tgt Ion: 65 Resp: 75151

Ion Ratio Lower Upper

65 100

67 49.1 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045821.D

Acq: 17 Apr 2025 12:26

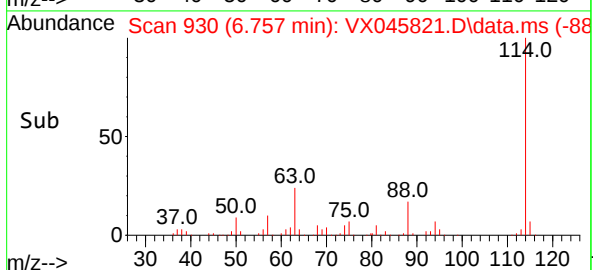
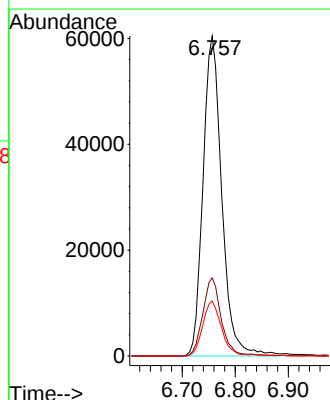
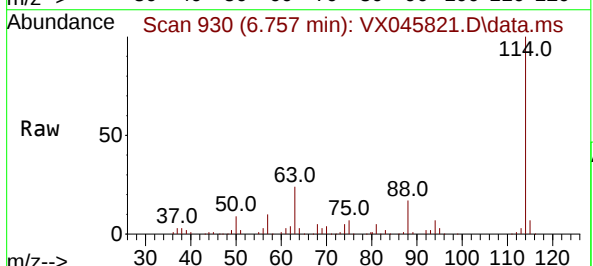
Tgt Ion: 114 Resp: 148417

Ion Ratio Lower Upper

114 100

63 24.4 0.0 46.8

88 17.2 0.0 35.4





#35

Dibromofluoromethane

Concen: 48.713 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045821.D

Acq: 17 Apr 2025 12:26

Instrument :

MSVOA\_X

ClientSampleId :

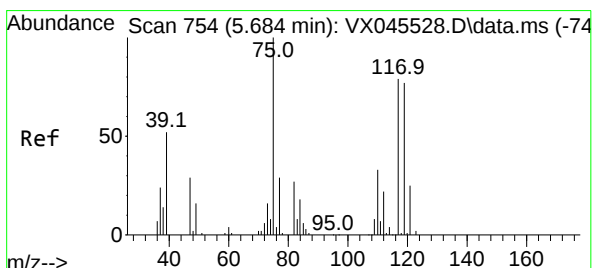
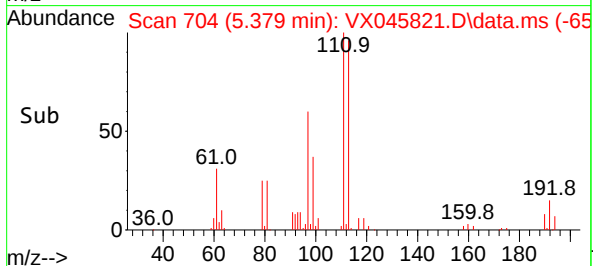
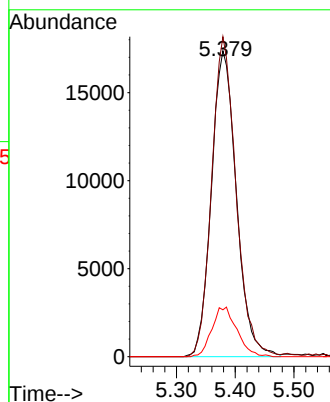
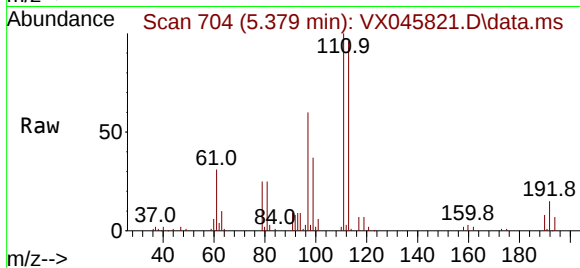
Tgt Ion:113 Resp: 51296

Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.6

192 16.3 13.8 20.6



#36

1,1-Dichloropropene

Concen: 17.889 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.006 min

Lab File: VX045821.D

Acq: 17 Apr 2025 12:26

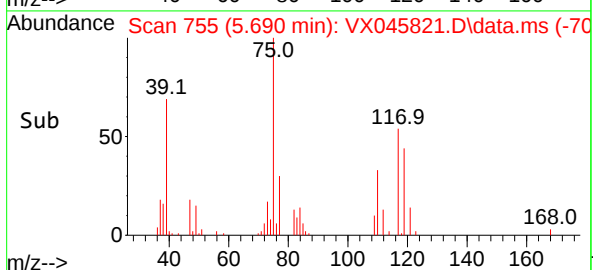
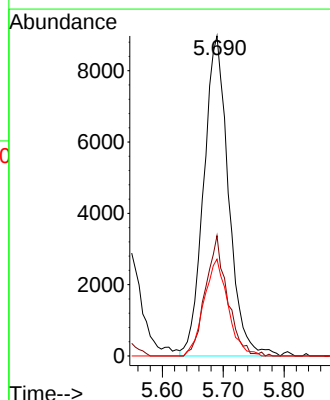
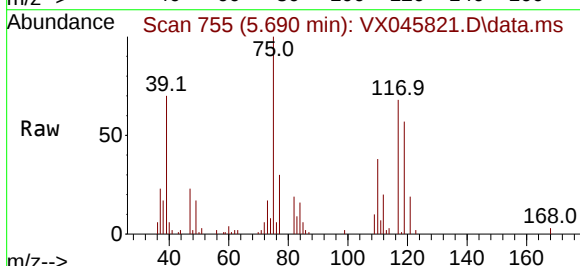
Tgt Ion: 75 Resp: 25434

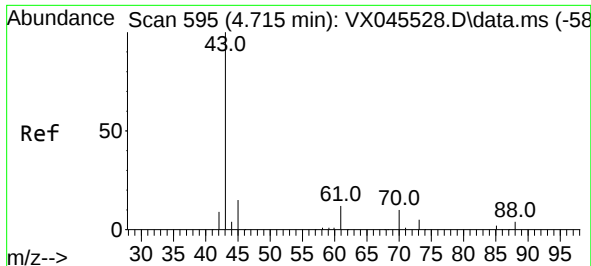
Ion Ratio Lower Upper

75 100

110 33.1 16.9 50.6

77 29.3 25.0 37.4





#37

Ethyl Acetate

Concen: 18.331 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

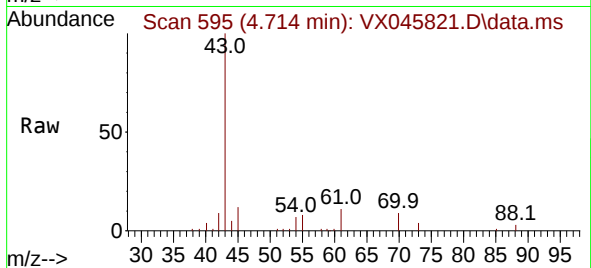
Lab File: VX045821.D

Acq: 17 Apr 2025 12:26

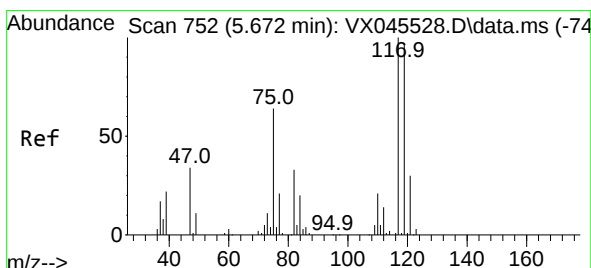
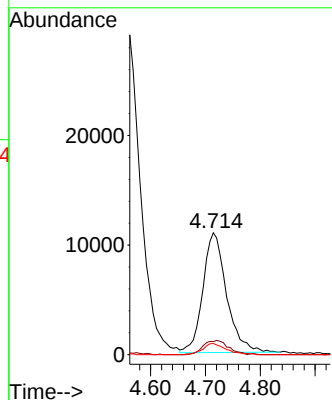
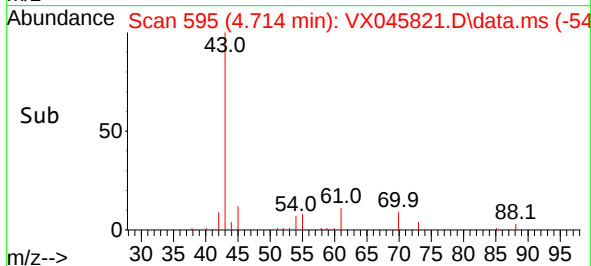
Instrument :

MSVOA\_X

ClientSampleId :



|             |               |
|-------------|---------------|
| Tgt Ion: 43 | Resp: 32844   |
| Ion Ratio   | Lower Upper   |
| 43          | 100           |
| 61          | 12.6 9.9 14.9 |
| 70          | 9.2 7.5 11.3  |



#38

Carbon Tetrachloride

Concen: 18.774 ug/l

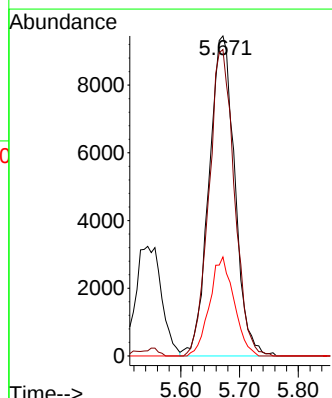
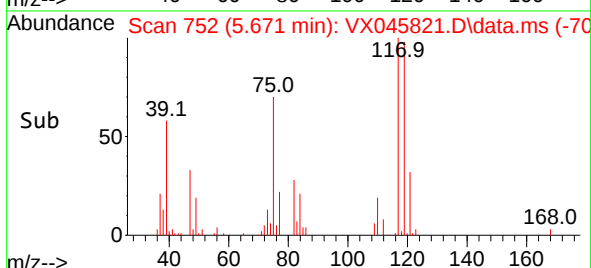
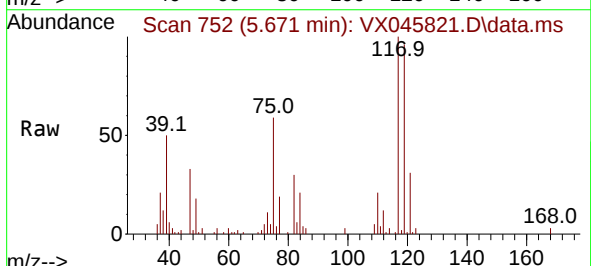
RT: 5.671 min Scan# 752

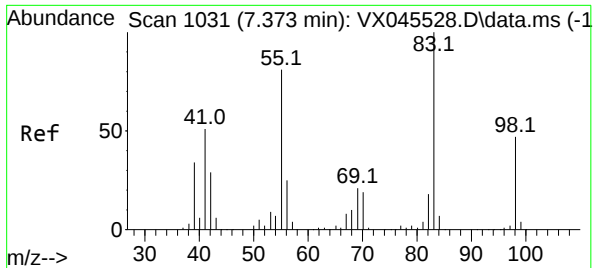
Delta R.T. -0.000 min

Lab File: VX045821.D

Acq: 17 Apr 2025 12:26

|              |                 |
|--------------|-----------------|
| Tgt Ion: 117 | Resp: 28848     |
| Ion Ratio    | Lower Upper     |
| 117          | 100             |
| 119          | 95.8 76.9 115.3 |
| 121          | 30.9 24.2 36.2  |

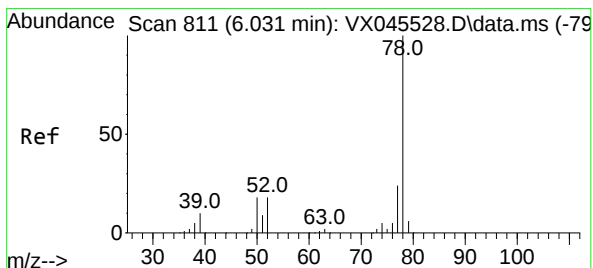
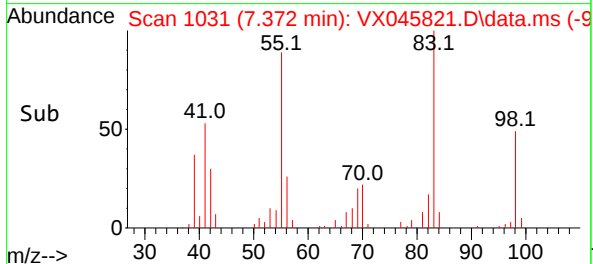
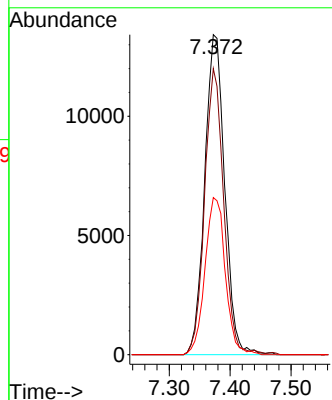
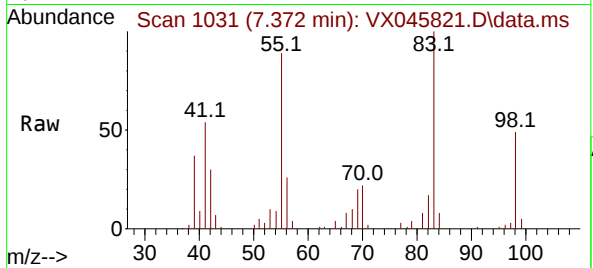




#39  
Methylcyclohexane  
Concen: 17.600 ug/l  
RT: 7.372 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

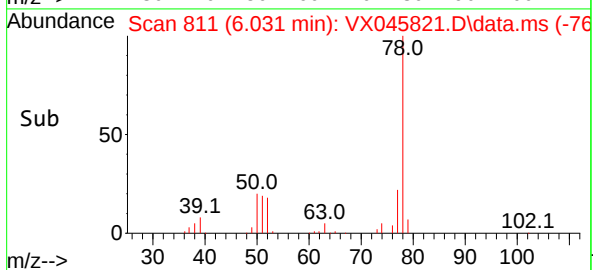
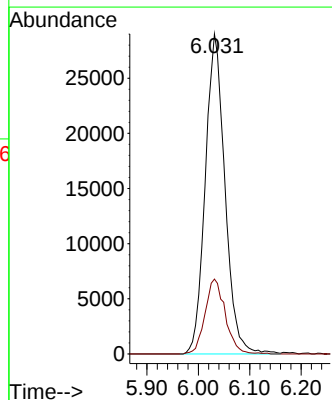
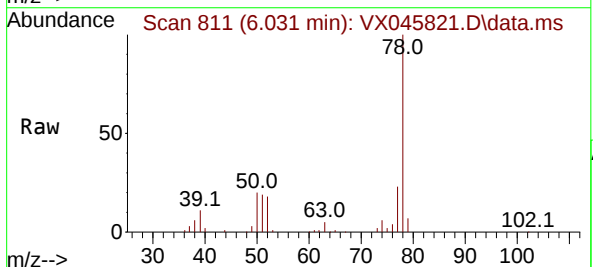
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 83 Resp: 30674  
Ion Ratio Lower Upper  
83 100  
55 89.4 64.9 97.3  
98 49.1 37.4 56.0



#40  
Benzene  
Concen: 17.779 ug/l  
RT: 6.031 min Scan# 811  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

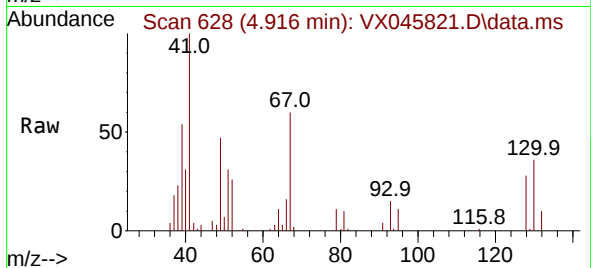
Tgt Ion: 78 Resp: 77203  
Ion Ratio Lower Upper  
78 100  
77 23.4 19.0 28.6



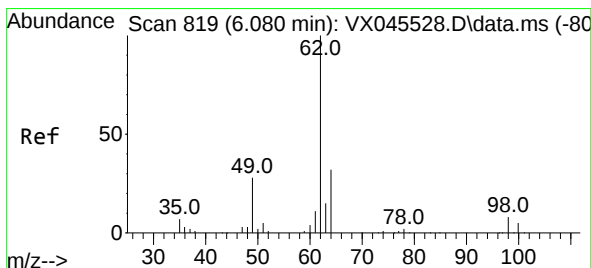
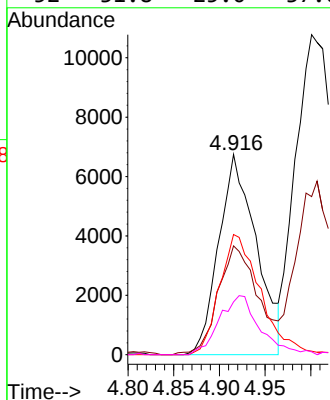
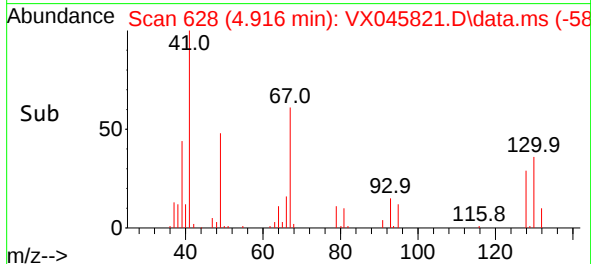


#41  
Methacrylonitrile  
Concen: 20.397 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

Instrument :  
MSVOA\_X  
ClientSampleId :

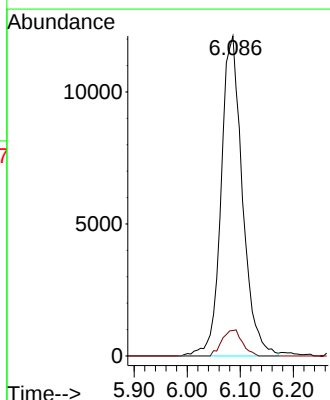
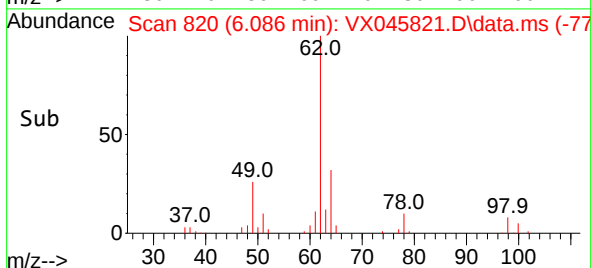
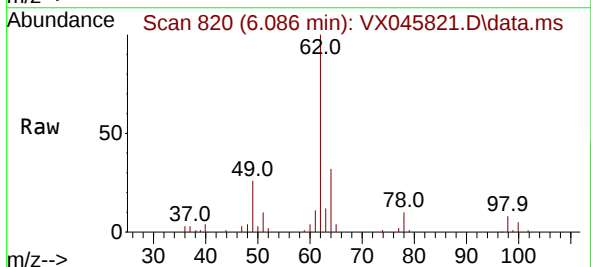


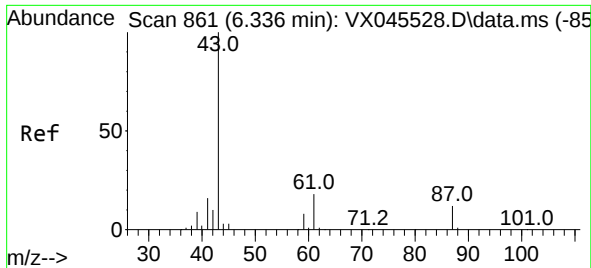
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 19283 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 58.0  | 47.0  | 70.6  |
| 67       | 65.8  | 53.2  | 79.8  |
| 52       | 31.8  | 25.0  | 37.6  |



#42  
1,2-Dichloroethane  
Concen: 18.881 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.006 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 33862 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 7.7   | 0.0   | 15.2  |

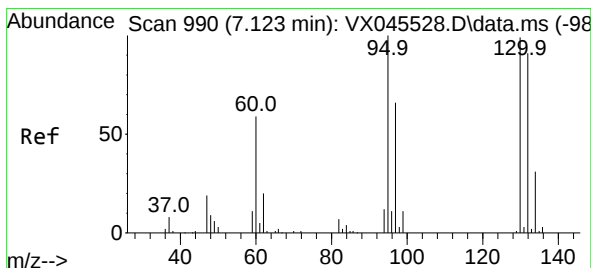
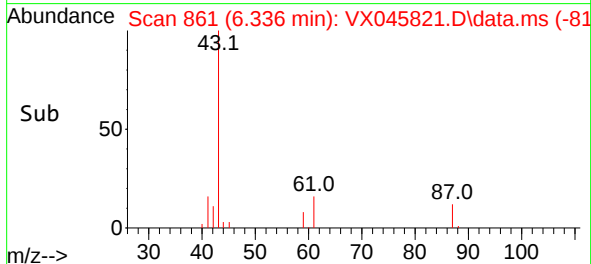
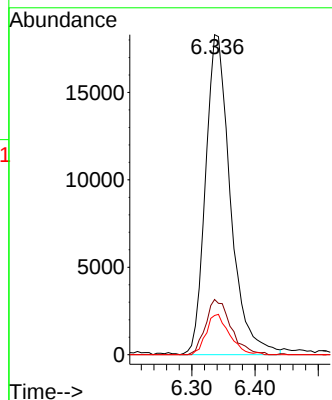
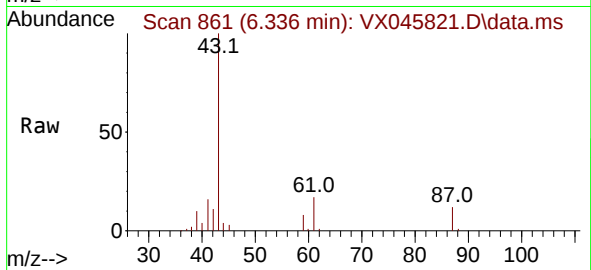




#43  
Isopropyl Acetate  
Concen: 18.447 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

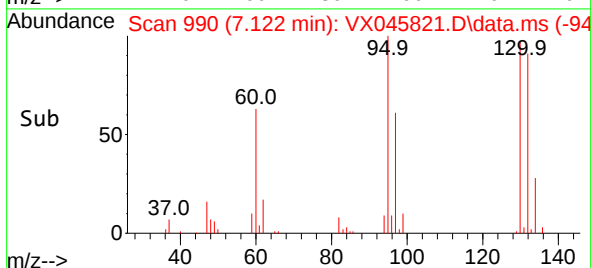
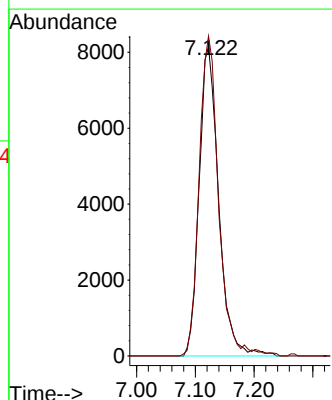
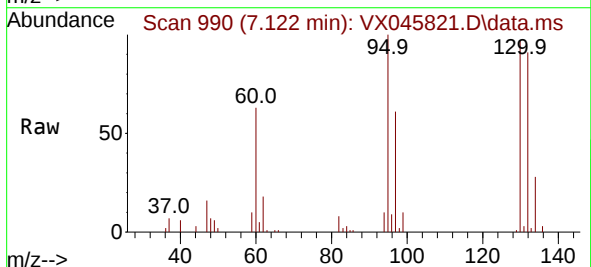
Instrument :  
MSVOA\_X  
ClientSampleId :

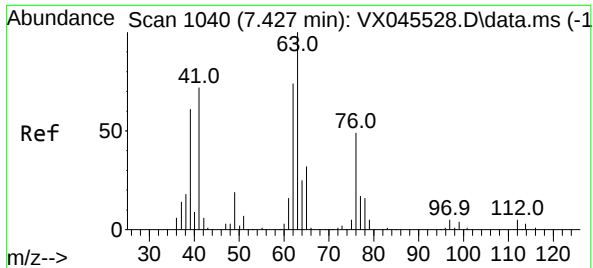
Tgt Ion: 43 Resp: 50096  
Ion Ratio Lower Upper  
43 100  
61 17.5 14.1 21.1  
87 11.8 9.2 13.8



#44  
Trichloroethene  
Concen: 18.198 ug/l  
RT: 7.122 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

Tgt Ion:130 Resp: 18782  
Ion Ratio Lower Upper  
130 100  
95 103.4 0.0 202.0

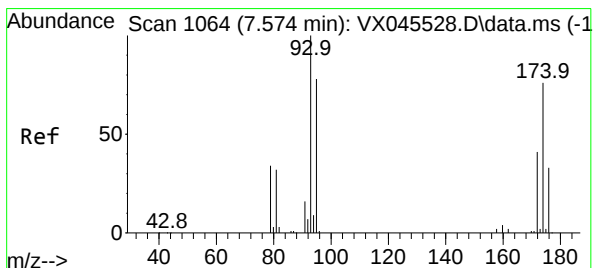
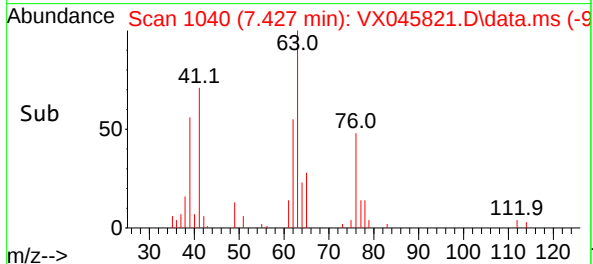
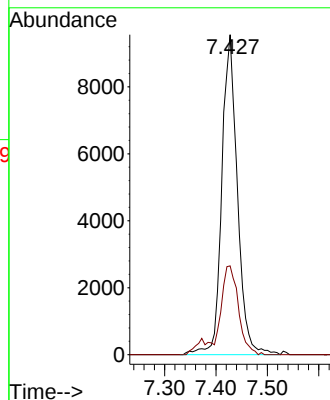
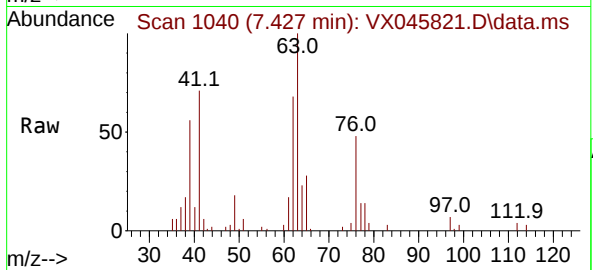




#45  
1,2-Dichloropropane  
Concen: 18.610 ug/l  
RT: 7.427 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

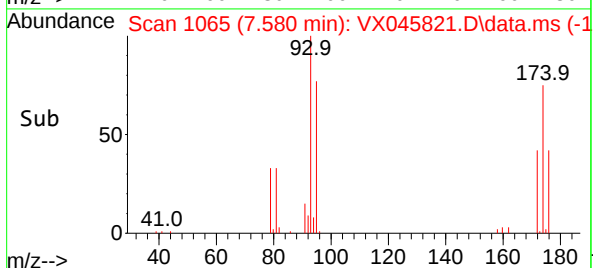
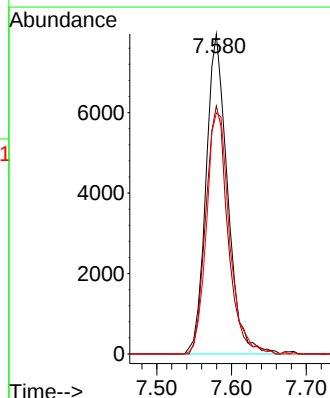
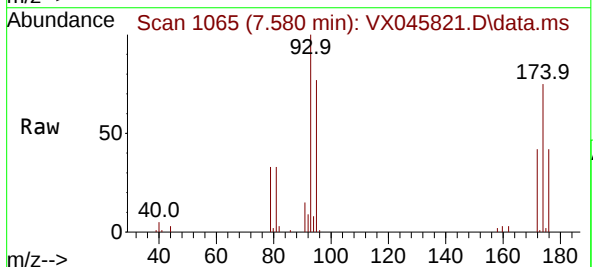
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 63 Resp: 20163  
Ion Ratio Lower Upper  
63 100  
65 27.7 25.8 38.6



#46  
Dibromomethane  
Concen: 19.125 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. 0.006 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

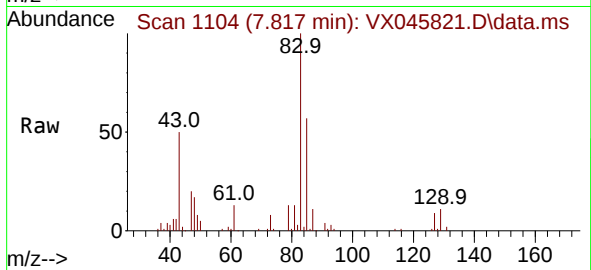
Tgt Ion: 93 Resp: 15906  
Ion Ratio Lower Upper  
93 100  
95 79.2 64.8 97.2  
174 80.5 65.4 98.0



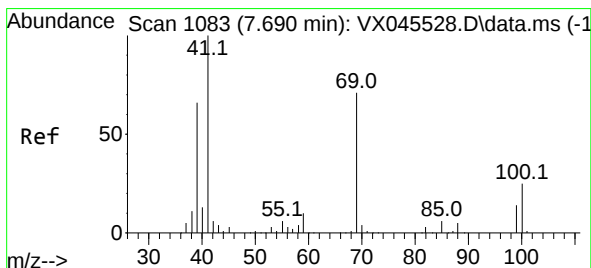
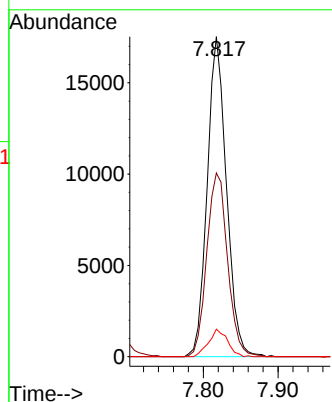
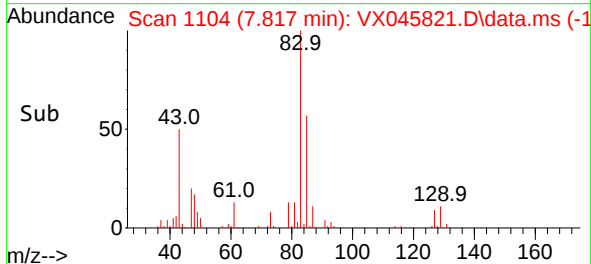


#47  
Bromodichloromethane  
Concen: 18.835 ug/l  
RT: 7.817 min Scan# 1104  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

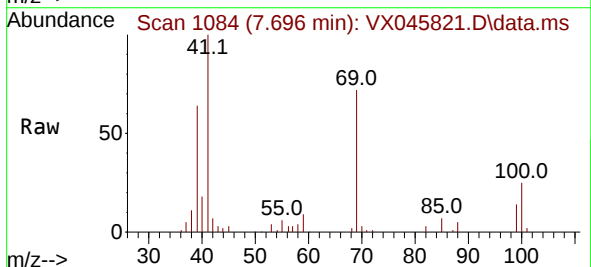
Instrument :  
MSVOA\_X  
ClientSampleId :



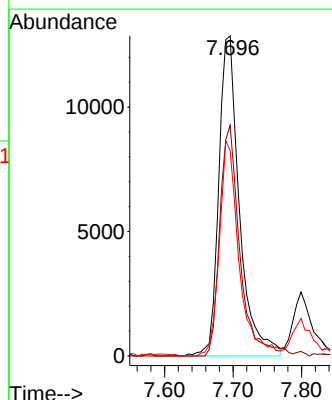
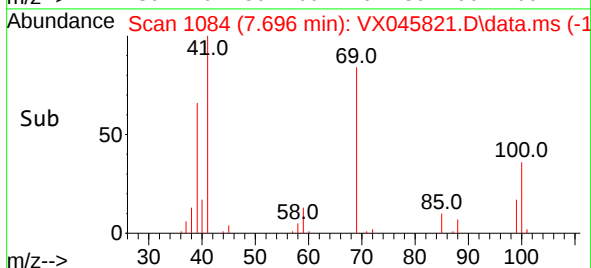
Tgt Ion: 83 Resp: 31283  
Ion Ratio Lower Upper  
83 100  
85 57.4 49.7 74.5  
127 8.6 6.1 9.1

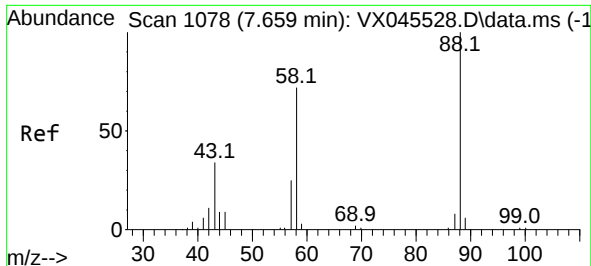


#48  
Methyl methacrylate  
Concen: 19.142 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.006 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26



Tgt Ion: 41 Resp: 26840  
Ion Ratio Lower Upper  
41 100  
69 69.9 58.2 87.2  
39 63.9 53.6 80.4

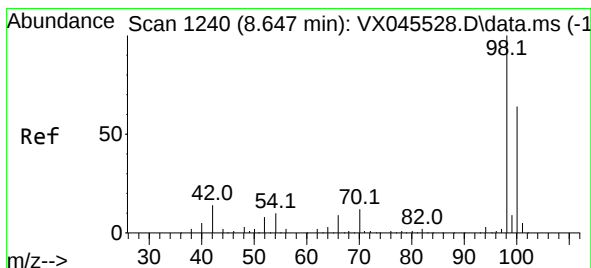
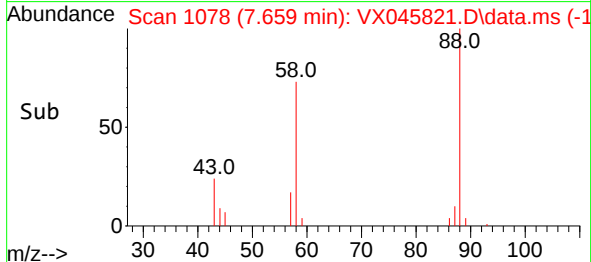
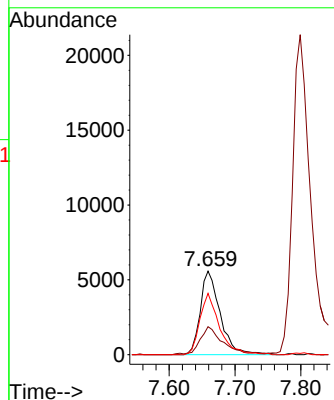
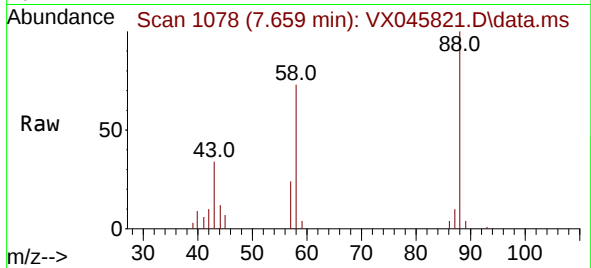




#49  
1,4-Dioxane  
Concen: 461.286 ug/l  
RT: 7.659 min Scan# 11702  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

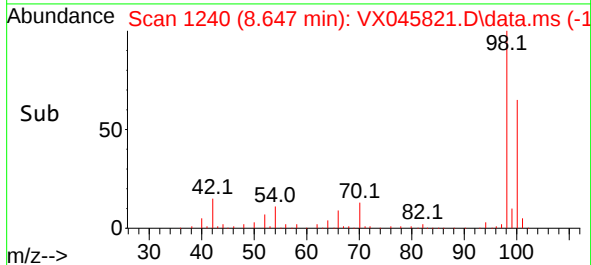
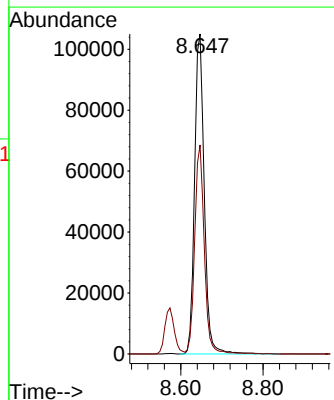
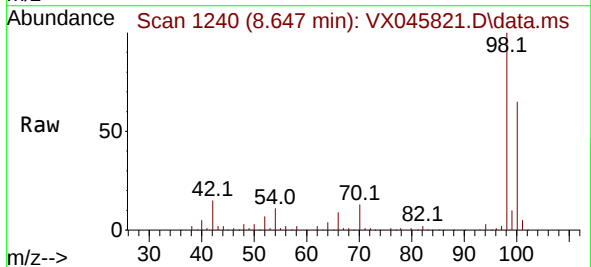
Instrument :  
MSVOA\_X  
ClientSampleId :

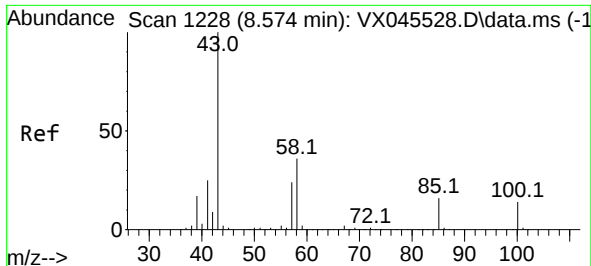
Tgt Ion: 88 Resp: 11702  
Ion Ratio Lower Upper  
88 100  
43 37.6 32.2 48.4  
58 72.3 58.6 88.0



#50  
Toluene-d8  
Concen: 46.700 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

Tgt Ion: 98 Resp: 171645  
Ion Ratio Lower Upper  
98 100  
100 64.3 52.2 78.4

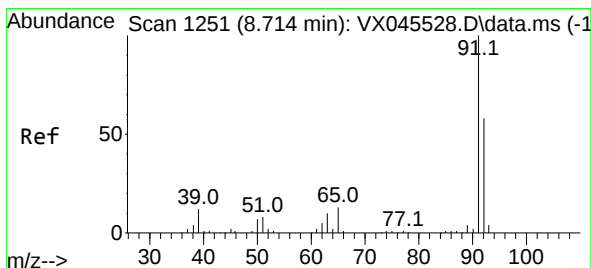
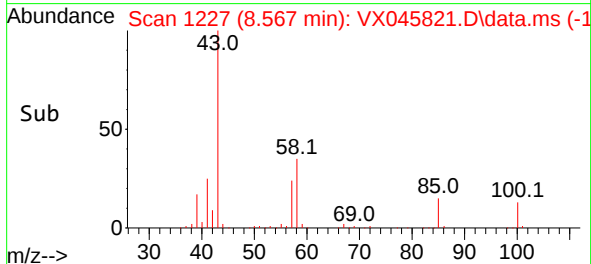
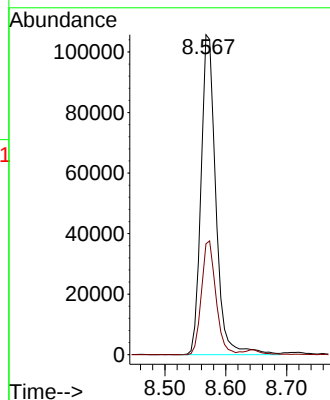
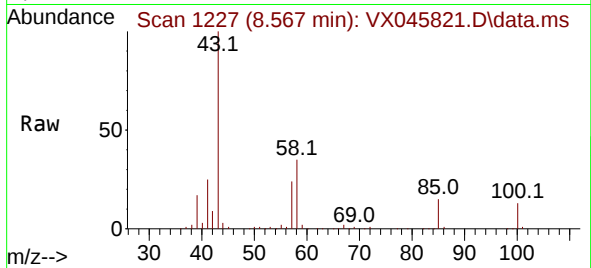




#51  
4-Methyl-2-Pentanone  
Concen: 99.603 ug/l  
RT: 8.567 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

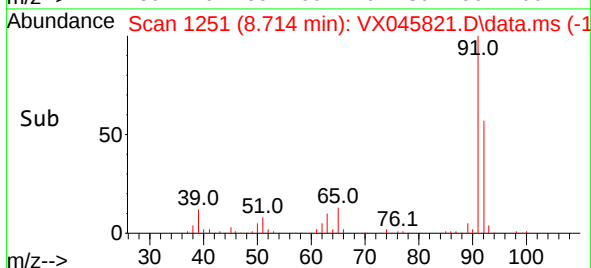
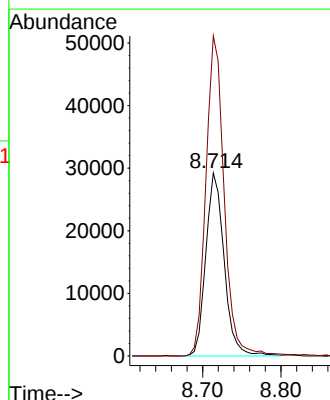
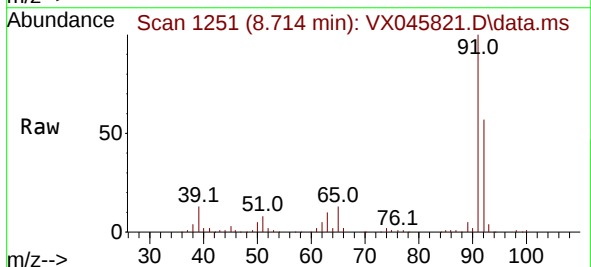
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 43 Resp: 179309  
Ion Ratio Lower Upper  
43 100  
58 34.6 28.5 42.7



#52  
Toluene  
Concen: 18.093 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

Tgt Ion: 92 Resp: 47540  
Ion Ratio Lower Upper  
92 100  
91 174.5 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 17.290 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045821.D

Acq: 17 Apr 2025 12:26

Instrument :

MSVOA\_X

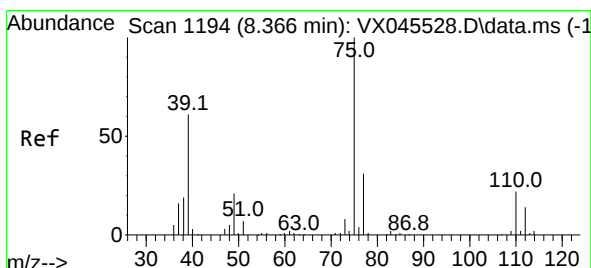
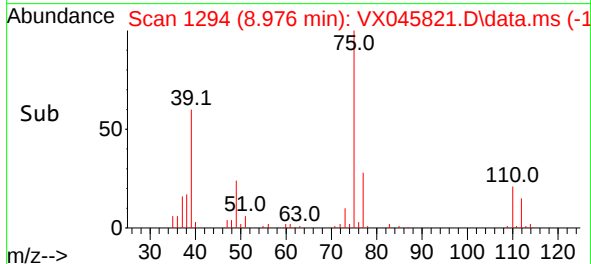
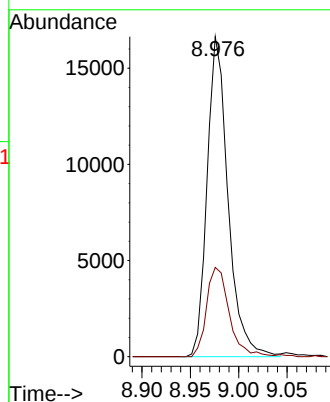
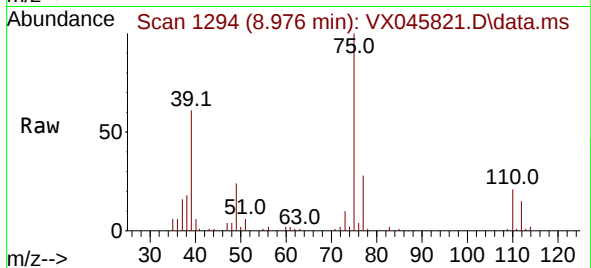
ClientSampleId :

Tgt Ion: 75 Resp: 25109

Ion Ratio Lower Upper

75 100

77 27.9 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 18.757 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045821.D

Acq: 17 Apr 2025 12:26

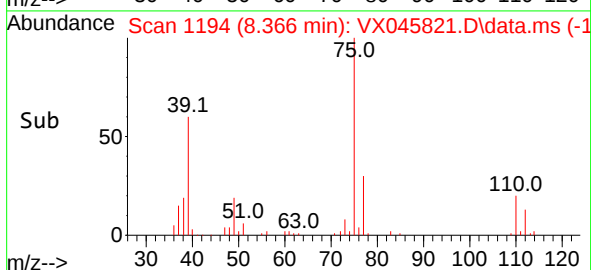
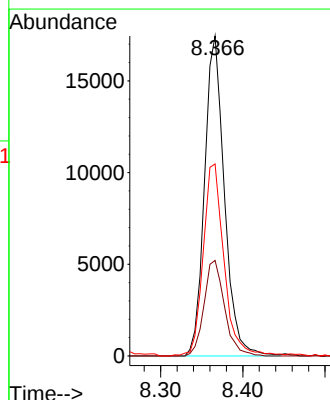
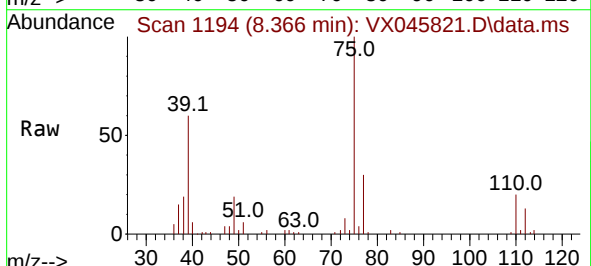
Tgt Ion: 75 Resp: 29276

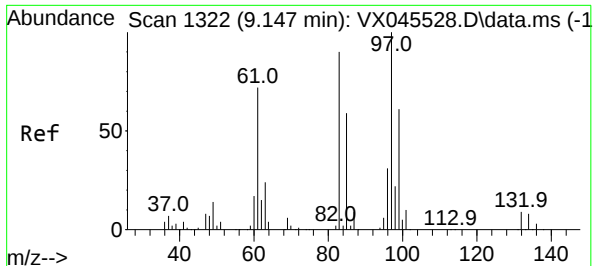
Ion Ratio Lower Upper

75 100

77 29.9 24.6 36.8

39 59.7 48.4 72.6





#55

1,1,2-Trichloroethane

Concen: 18.945 ug/l

RT: 9.146 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VX045821.D

Acq: 17 Apr 2025 12:26

Instrument :

MSVOA\_X

ClientSampleId :

Tgt Ion: 97 Resp: 19836

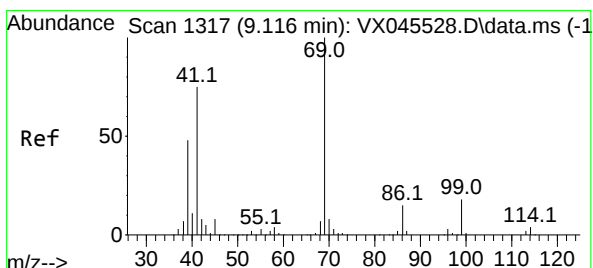
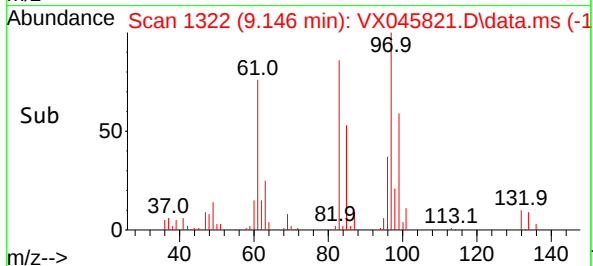
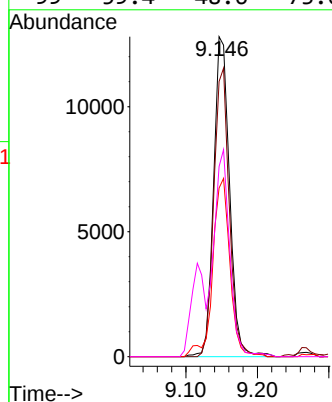
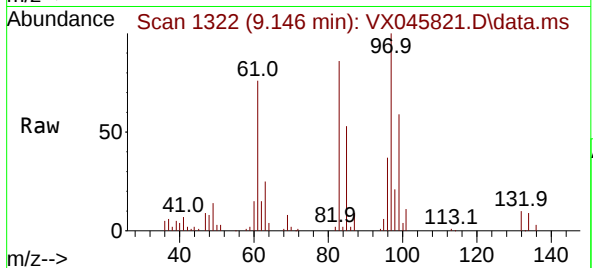
Ion Ratio Lower Upper

97 100

83 86.0 71.8 107.8

85 52.7 47.0 70.6

99 59.4 48.6 73.0



#56

Ethyl methacrylate

Concen: 18.963 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX045821.D

Acq: 17 Apr 2025 12:26

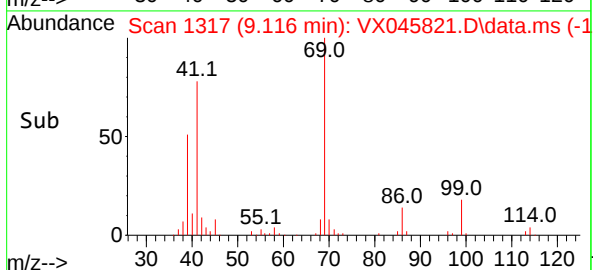
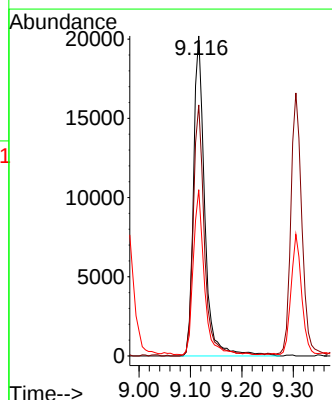
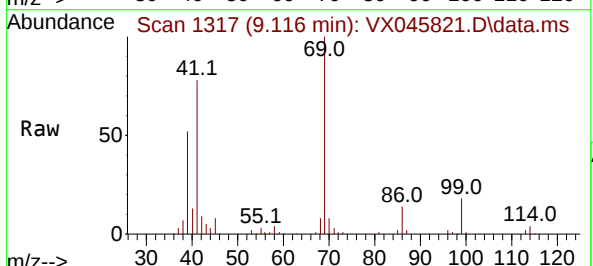
Tgt Ion: 69 Resp: 30727

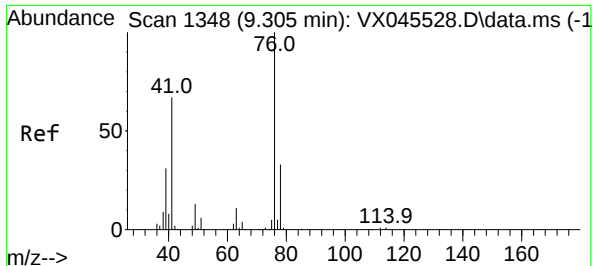
Ion Ratio Lower Upper

69 100

41 77.6 61.3 91.9

39 50.1 40.2 60.2

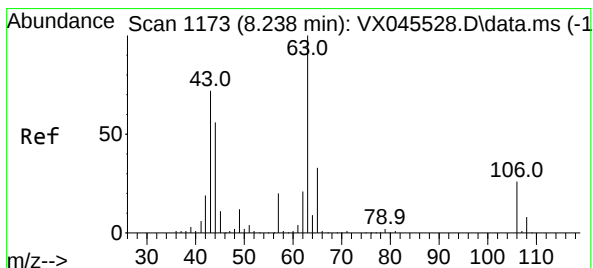
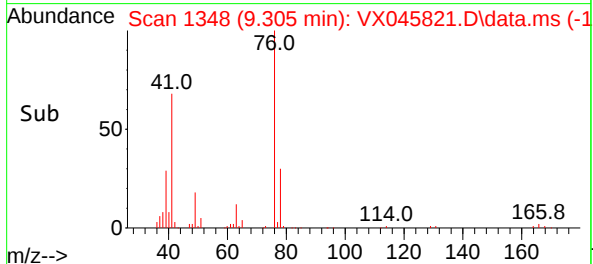
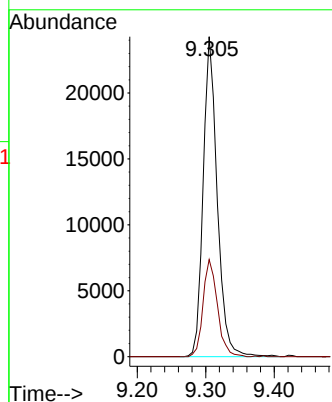
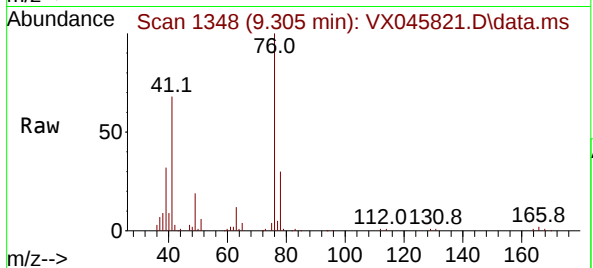




#57  
1,3-Dichloropropane  
Concen: 19.032 ug/l  
RT: 9.305 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

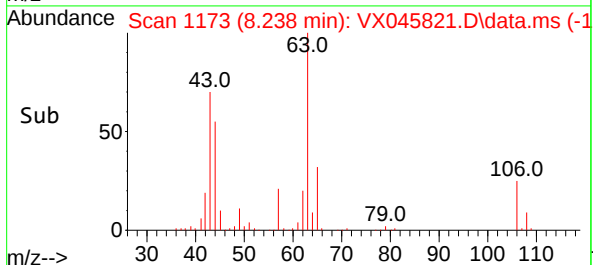
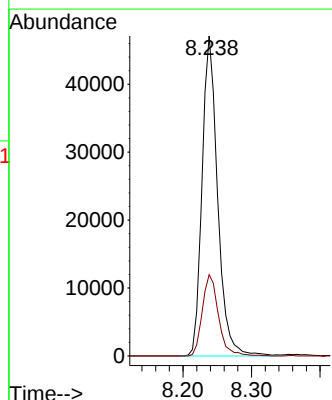
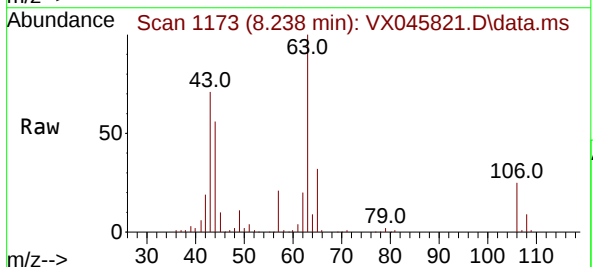
Instrument :  
MSVOA\_X  
ClientSampleId :

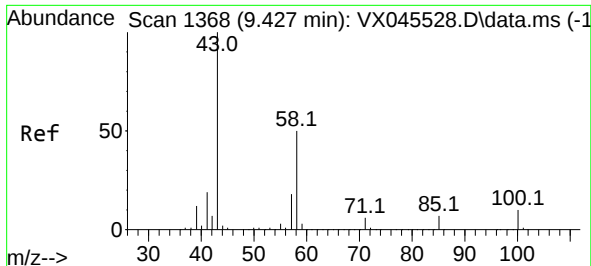
Tgt Ion: 76 Resp: 34701  
Ion Ratio Lower Upper  
76 100  
78 31.0 26.0 39.0



#58  
2-Chloroethyl Vinyl ether  
Concen: 90.959 ug/l  
RT: 8.238 min Scan# 1173  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

Tgt Ion: 63 Resp: 74561  
Ion Ratio Lower Upper  
63 100  
106 26.3 21.0 31.6





#59

2-Hexanone

Concen: 99.879 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX045821.D

Acq: 17 Apr 2025 12:26

Instrument :

MSVOA\_X

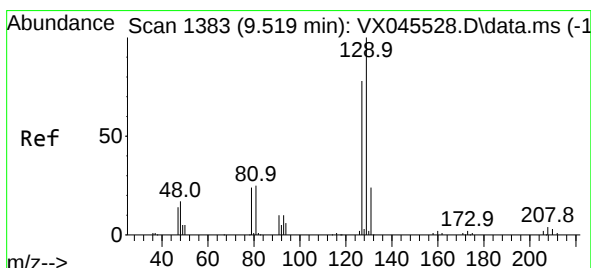
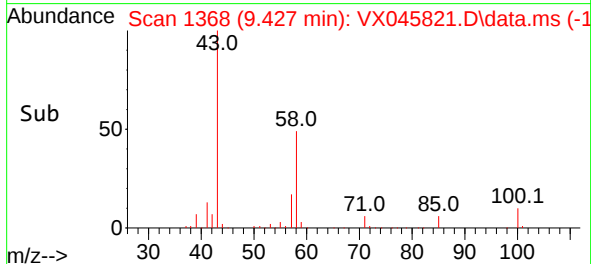
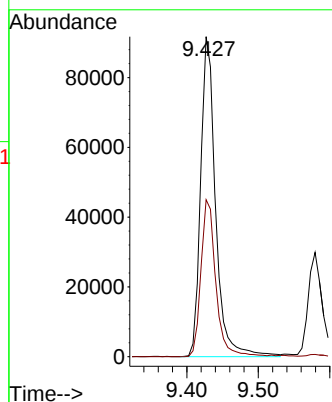
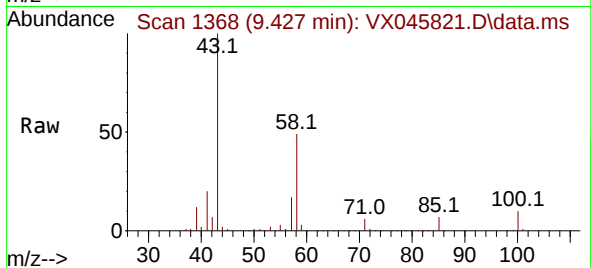
ClientSampleId :

Tgt Ion: 43 Resp: 133151

Ion Ratio Lower Upper

43 100

58 48.8 24.9 74.6



#60

Dibromochloromethane

Concen: 18.727 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX045821.D

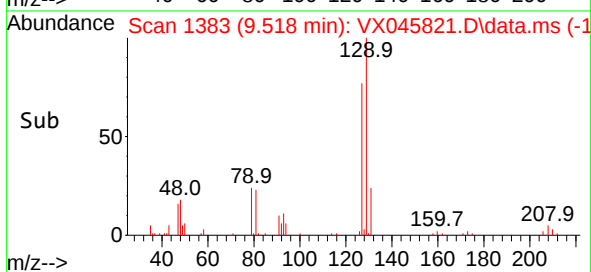
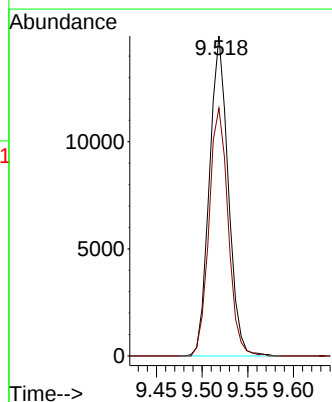
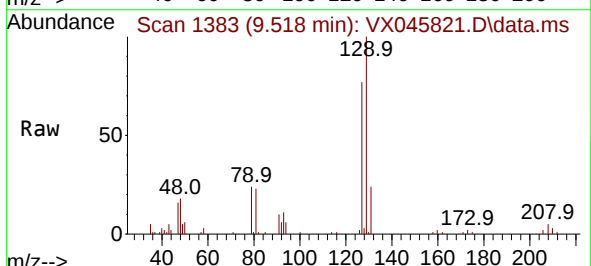
Acq: 17 Apr 2025 12:26

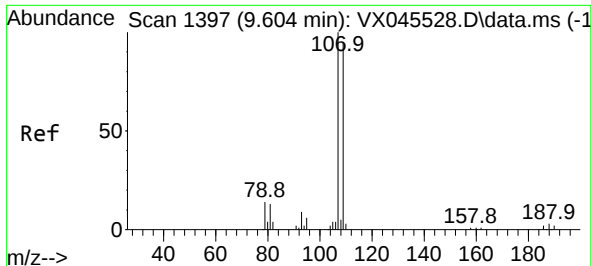
Tgt Ion:129 Resp: 21376

Ion Ratio Lower Upper

129 100

127 78.5 39.4 118.2

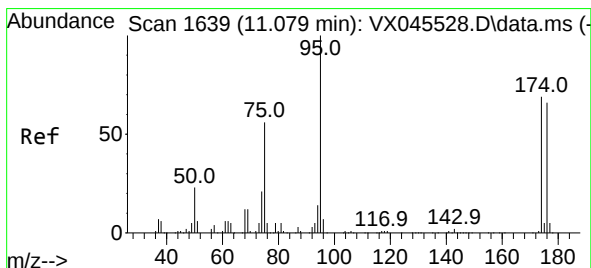
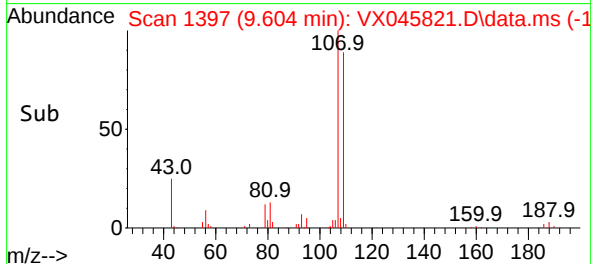
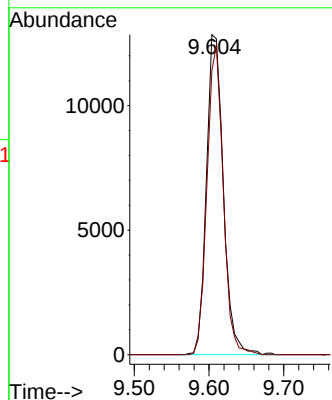
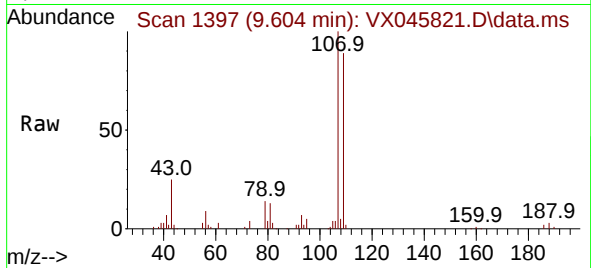




#61  
1,2-Dibromoethane  
Concen: 19.071 ug/l  
RT: 9.604 min Scan# 1397  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

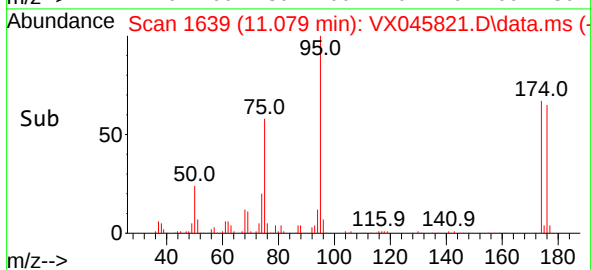
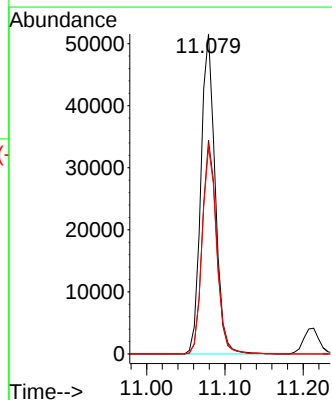
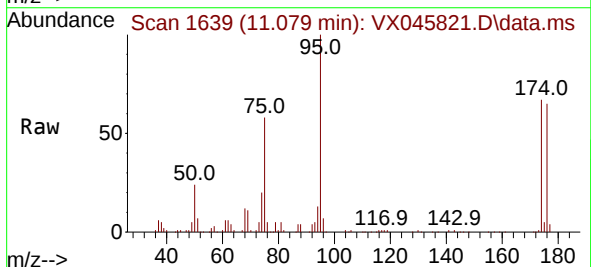
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:107 Resp: 20214  
Ion Ratio Lower Upper  
107 100  
109 92.7 75.7 113.5



#62  
4-Bromofluorobenzene  
Concen: 48.740 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

Tgt Ion: 95 Resp: 65252  
Ion Ratio Lower Upper  
95 100  
174 66.7 0.0 135.8  
176 65.3 0.0 131.4

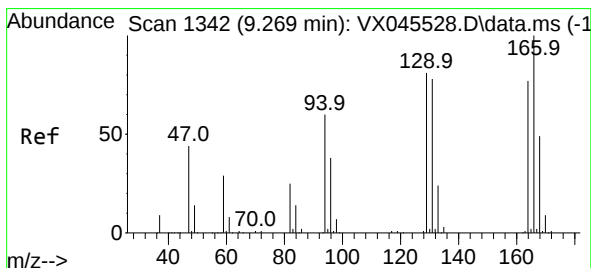
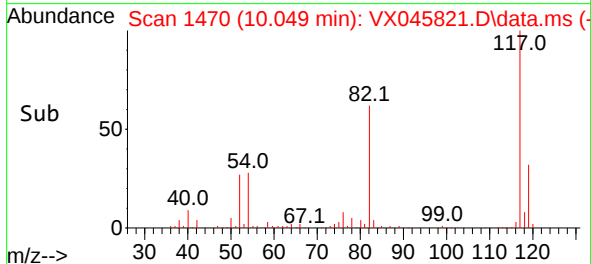
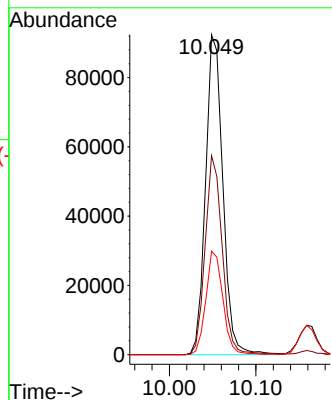
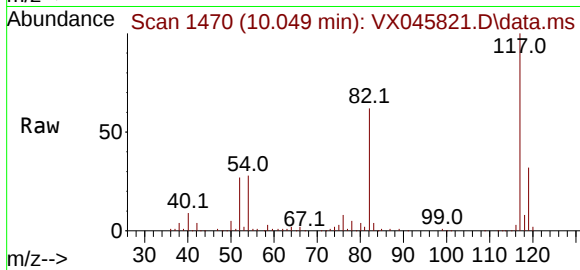




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

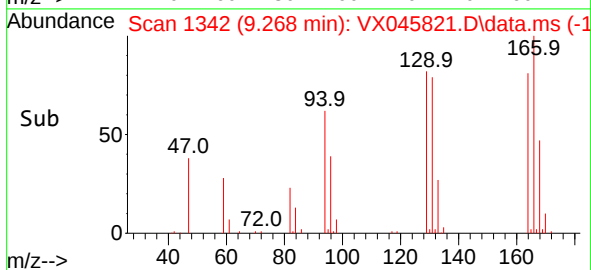
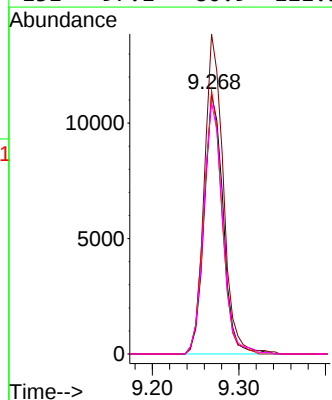
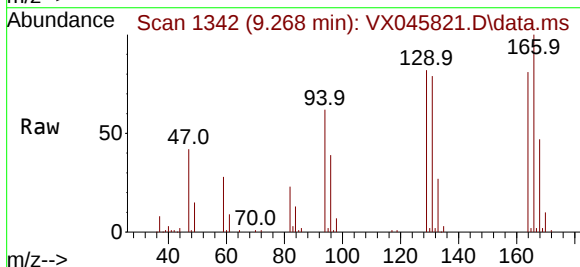
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:117 Resp: 128248  
Ion Ratio Lower Upper  
117 100  
82 62.2 49.2 73.8  
119 32.4 25.1 37.7



#64  
Tetrachloroethene  
Concen: 18.784 ug/l  
RT: 9.268 min Scan# 1342  
Delta R.T. -0.001 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

Tgt Ion:164 Resp: 17008  
Ion Ratio Lower Upper  
164 100  
166 123.3 103.8 155.8  
129 101.5 84.3 126.5  
131 97.1 80.9 121.3

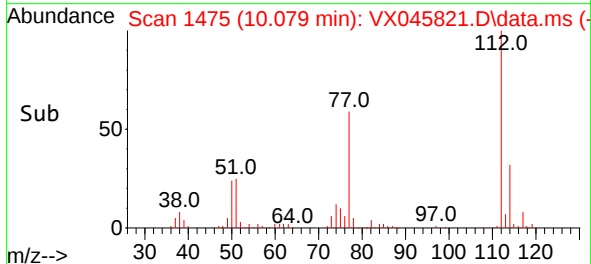
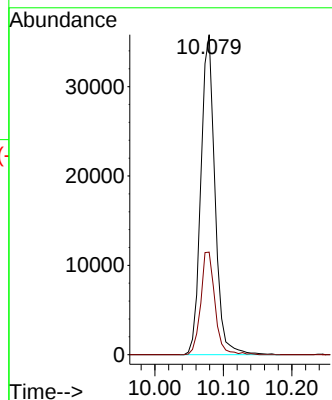
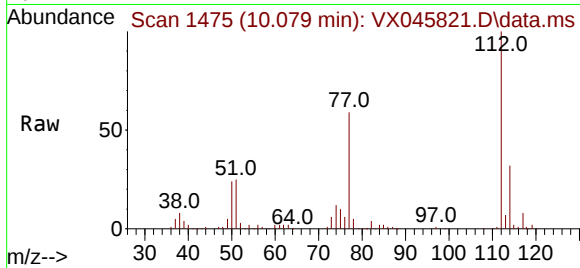




#65  
Chlorobenzene  
Concen: 18.726 ug/l  
RT: 10.079 min Scan# 1474  
Delta R.T. 0.006 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

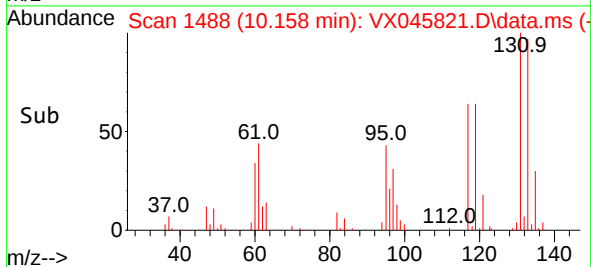
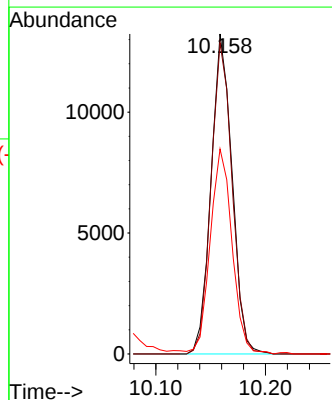
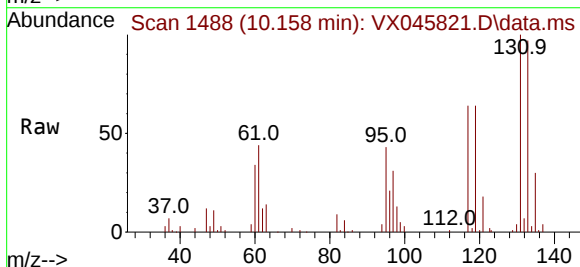
Instrument :  
MSVOA\_X  
ClientSampleId :

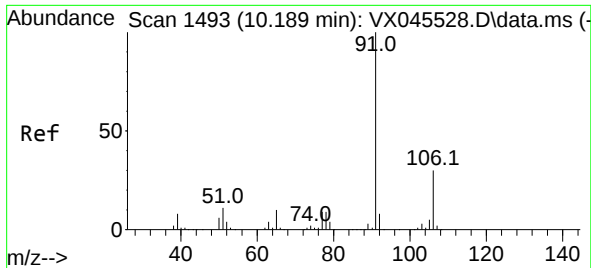
Tgt Ion:112 Resp: 51317  
Ion Ratio Lower Upper  
112 100  
114 32.1 24.7 37.1



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.543 ug/l  
RT: 10.158 min Scan# 1488  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

Tgt Ion:131 Resp: 17642  
Ion Ratio Lower Upper  
131 100  
133 97.3 47.5 142.5  
119 66.5 32.9 98.6

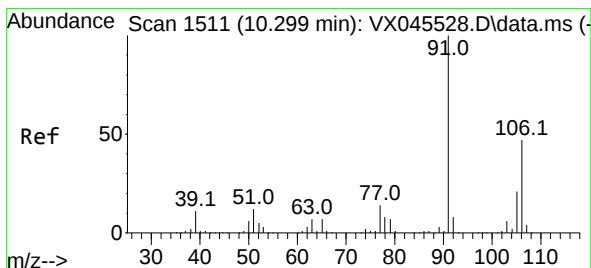
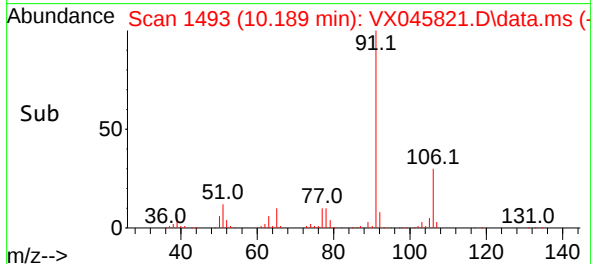
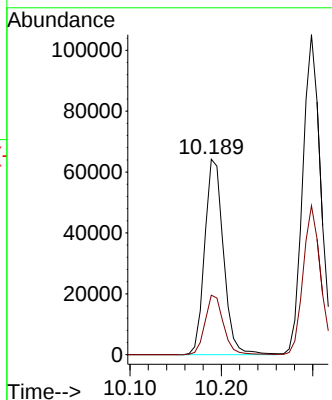
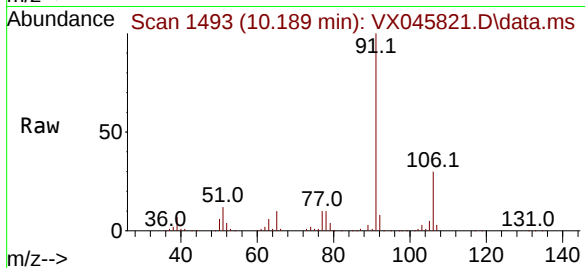




#67  
Ethyl Benzene  
Concen: 18.693 ug/l  
RT: 10.189 min Scan# 1493  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

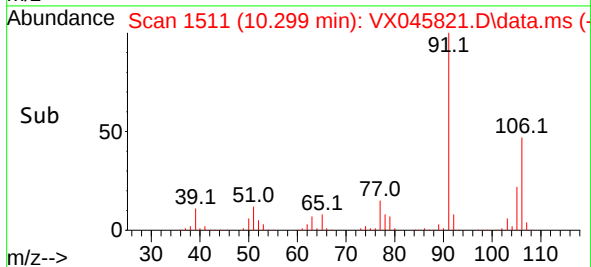
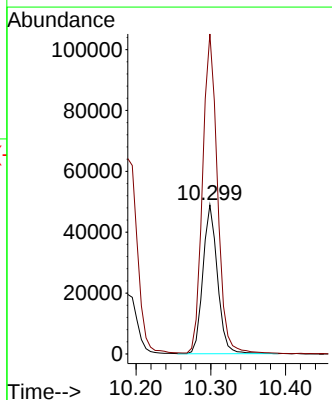
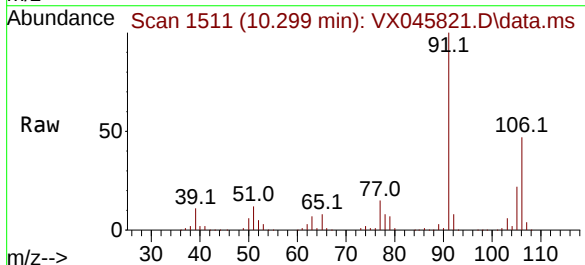
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 91 Resp: 91748  
Ion Ratio Lower Upper  
91 100  
106 30.5 23.7 35.5



#68  
m/p-Xylenes  
Concen: 37.112 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

Tgt Ion: 106 Resp: 66251  
Ion Ratio Lower Upper  
106 100  
91 220.5 172.6 258.8

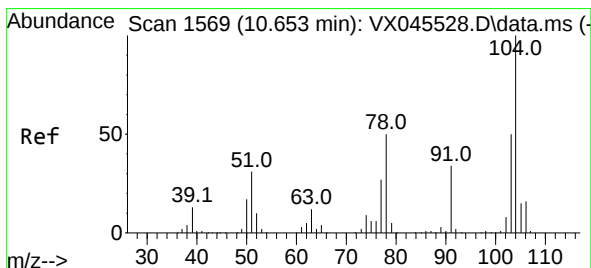
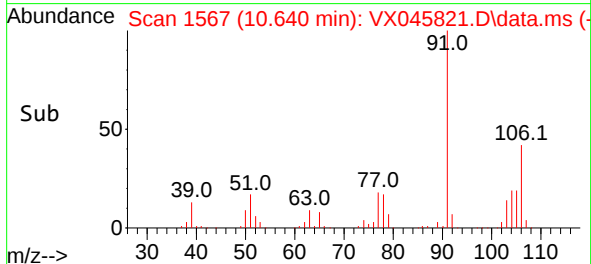
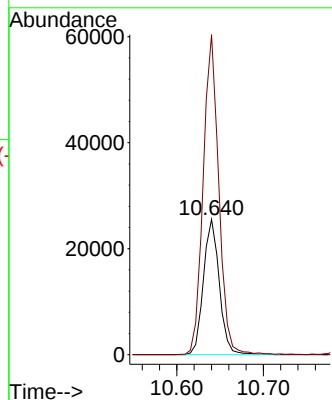
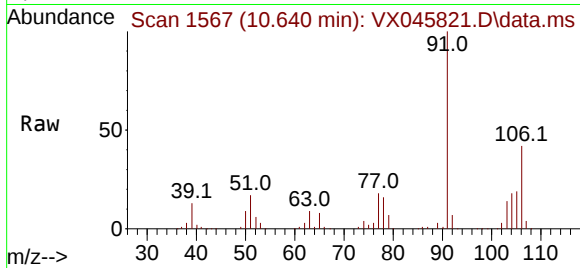




#69  
o-Xylene  
Concen: 18.489 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

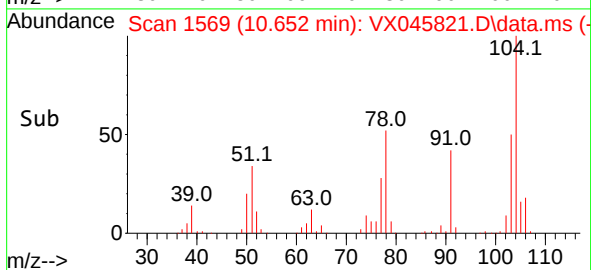
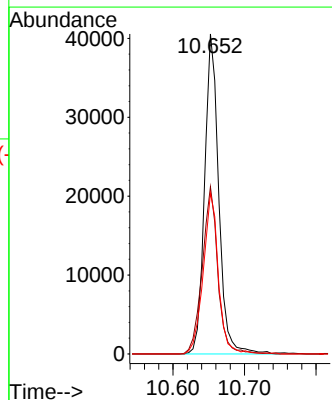
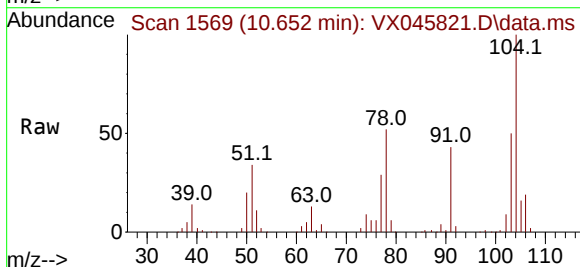
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:106 Resp: 32513  
Ion Ratio Lower Upper  
106 100  
91 233.3 113.6 340.6



#70  
Styrene  
Concen: 19.243 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

Tgt Ion:104 Resp: 55851  
Ion Ratio Lower Upper  
104 100  
78 57.4 45.4 68.2  
103 54.0 43.8 65.8





#71

Bromoform

Concen: 18.657 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX045821.D

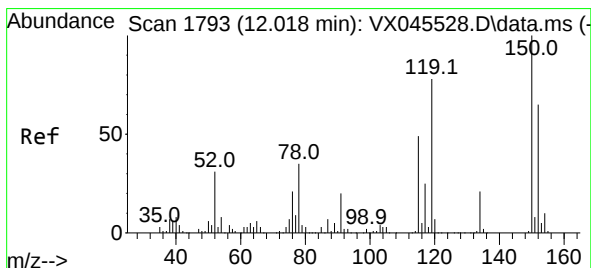
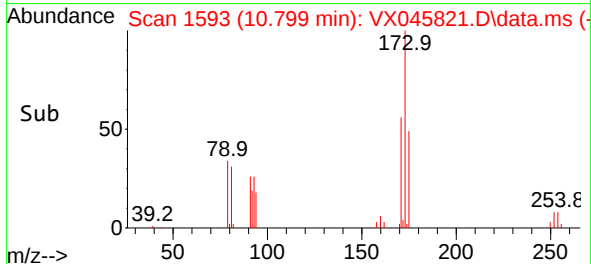
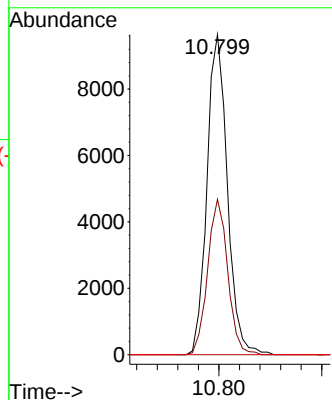
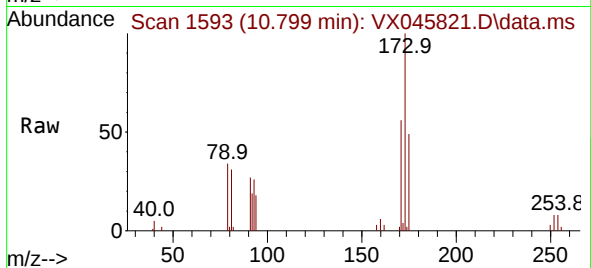
Acq: 17 Apr 2025 12:26

Instrument :

MSVOA\_X

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:173 | Resp: | 13254     |
| Ion Ratio   | Lower | Upper     |
| 173         | 100   |           |
| 175         | 47.8  | 23.4 70.2 |
| 254         | 0.0   | 0.0 0.0   |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

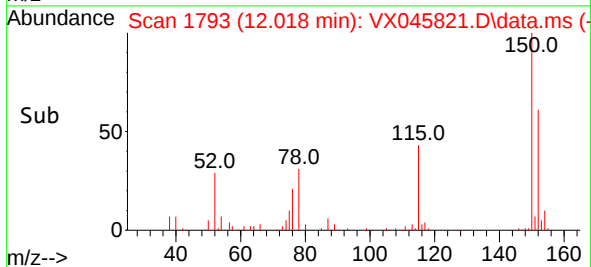
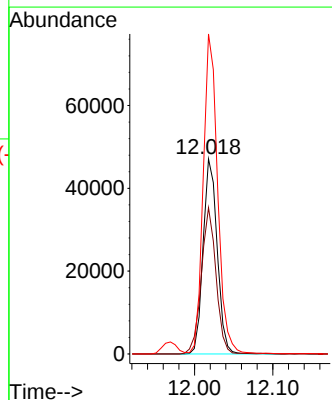
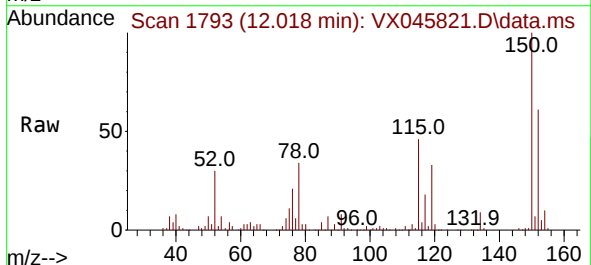
RT: 12.018 min Scan# 1793

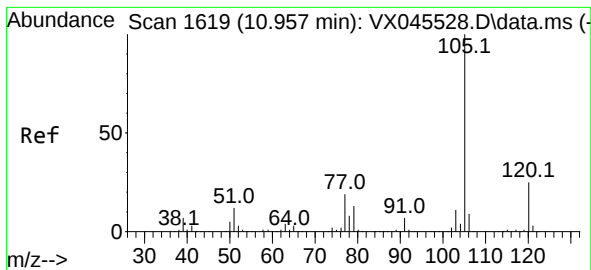
Delta R.T. -0.000 min

Lab File: VX045821.D

Acq: 17 Apr 2025 12:26

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:152 | Resp: | 58805      |
| Ion Ratio   | Lower | Upper      |
| 152         | 100   |            |
| 115         | 78.1  | 46.9 140.7 |
| 150         | 167.4 | 0.0 349.4  |





#73

Isopropylbenzene

Concen: 19.070 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045821.D

Acq: 17 Apr 2025 12:26

Instrument :

MSVOA\_X

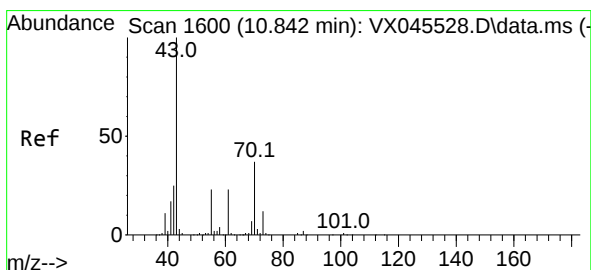
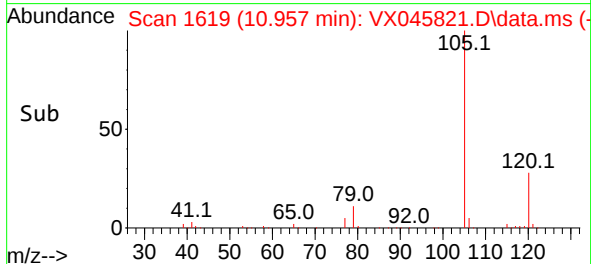
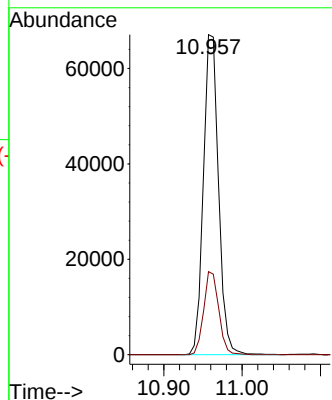
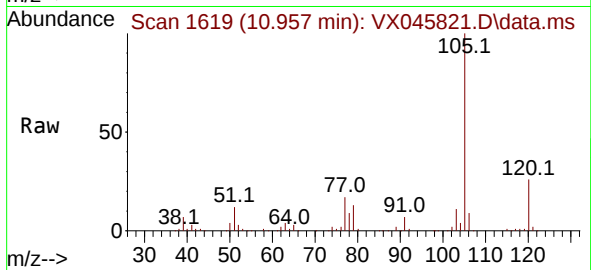
ClientSampleId :

Tgt Ion:105 Resp: 89827

Ion Ratio Lower Upper

105 100

120 25.8 12.7 38.0



#74

N-ethyl acetate

Concen: 19.081 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX045821.D

Acq: 17 Apr 2025 12:26

Tgt Ion: 43 Resp: 42993

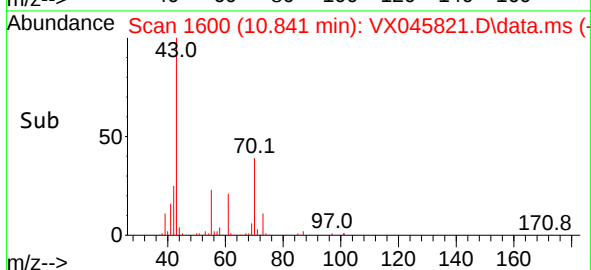
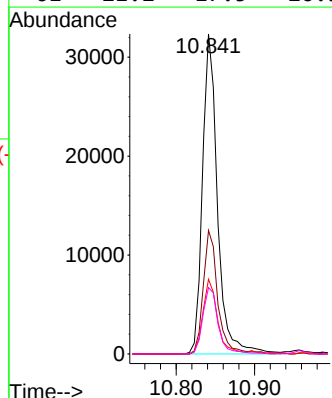
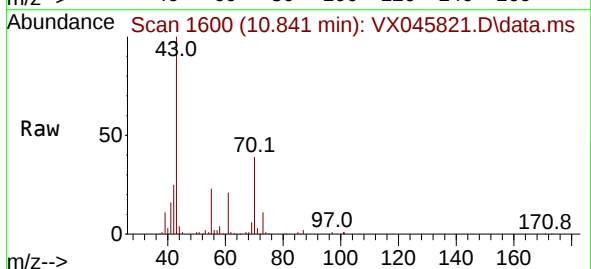
Ion Ratio Lower Upper

43 100

70 37.6 30.1 45.1

55 22.7 18.3 27.5

61 21.2 17.5 26.3

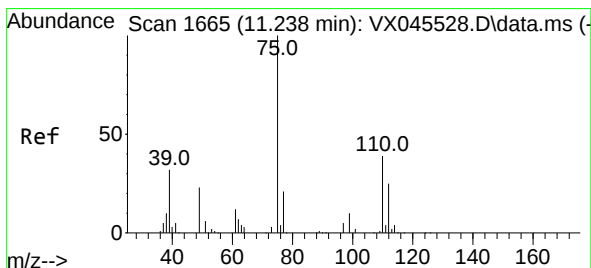
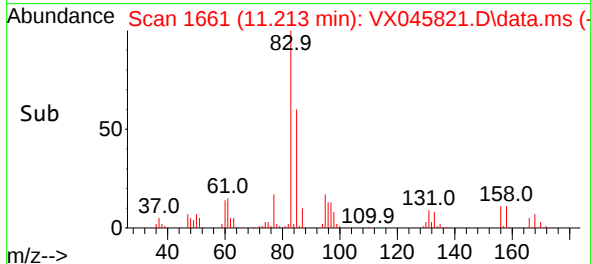
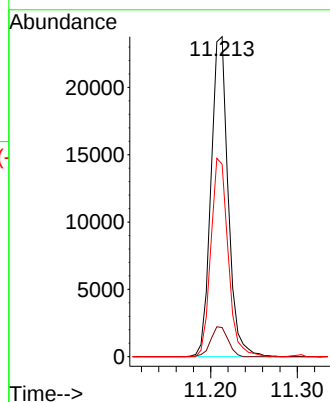
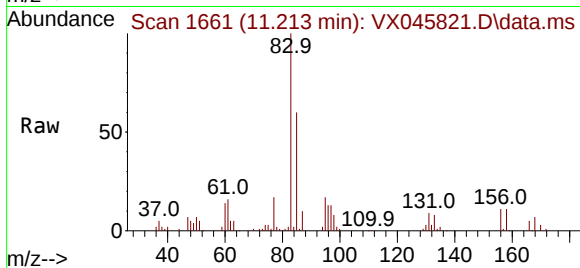




#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.771 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.006 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

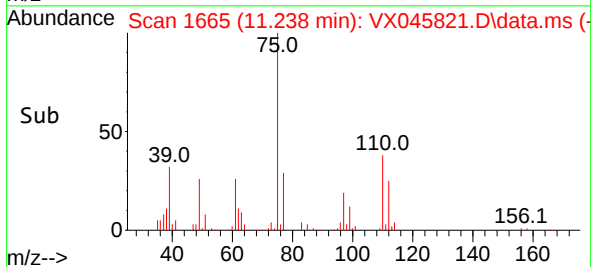
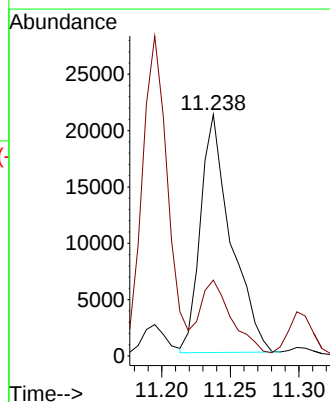
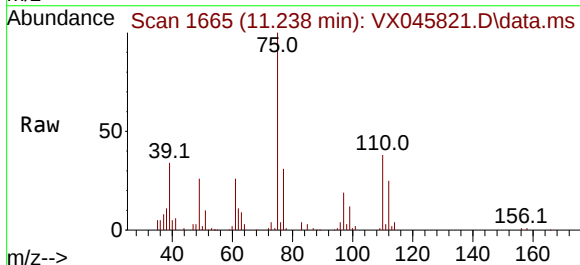
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 83 Resp: 32714  
Ion Ratio Lower Upper  
83 100  
131 9.5 4.7 14.1  
85 62.3 32.4 97.2



#76  
1,2,3-Trichloropropane  
Concen: 22.825 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

Tgt Ion: 75 Resp: 32740  
Ion Ratio Lower Upper  
75 100  
77 34.1 20.0 59.9

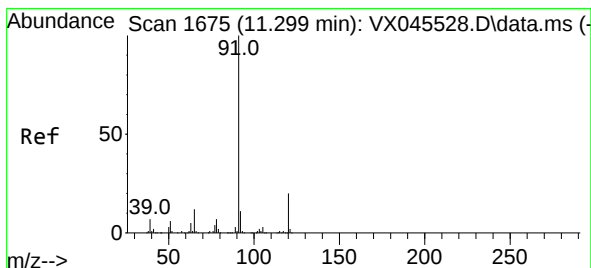
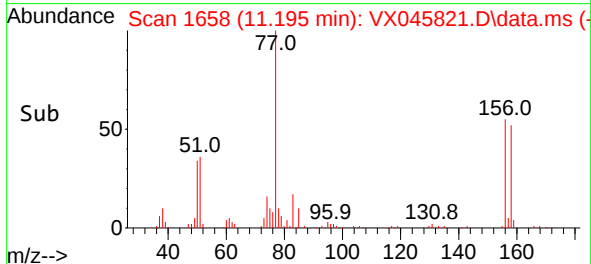
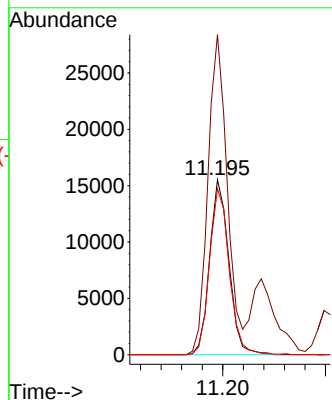
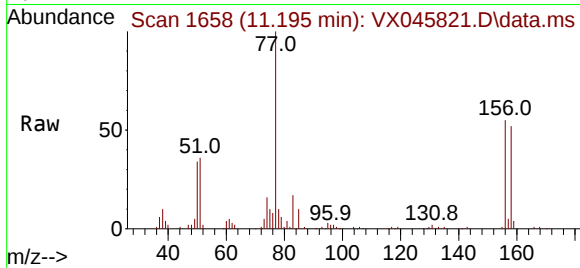




#77  
Bromobenzene  
Concen: 18.528 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

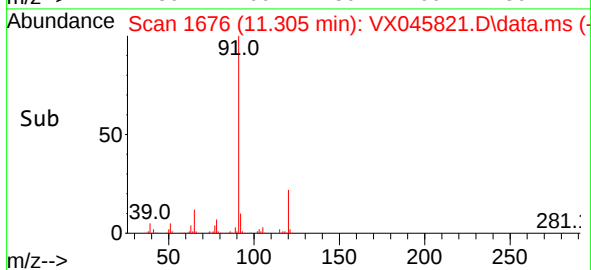
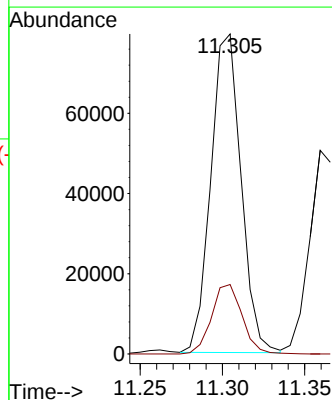
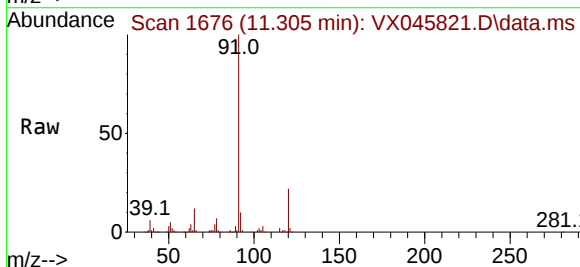
Instrument :  
MSVOA\_X  
ClientSampleId :

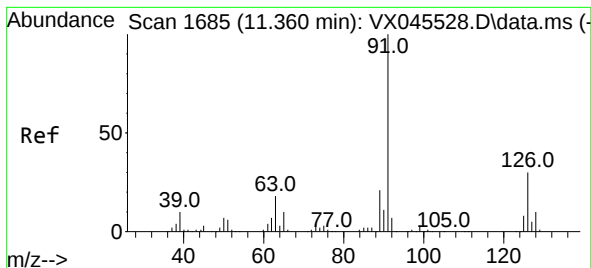
Tgt Ion:156 Resp: 20165  
Ion Ratio Lower Upper  
156 100  
77 183.2 92.6 277.8  
158 97.1 48.1 144.4



#78  
n-propylbenzene  
Concen: 18.731 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.006 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

Tgt Ion: 91 Resp: 101623  
Ion Ratio Lower Upper  
91 100  
120 22.0 10.8 32.3





#79

2-Chlorotoluene

Concen: 18.673 ug/l

RT: 11.359 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045821.D

Acq: 17 Apr 2025 12:26

Instrument :

MSVOA\_X

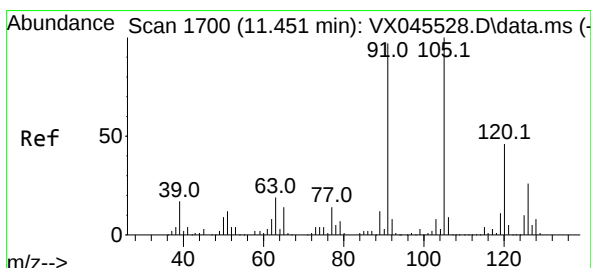
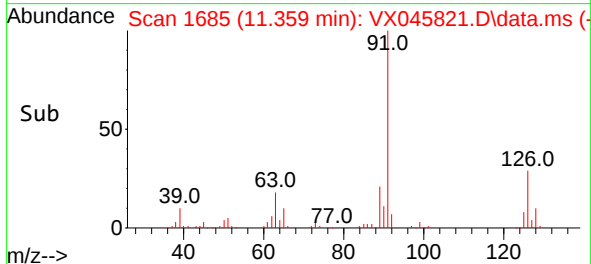
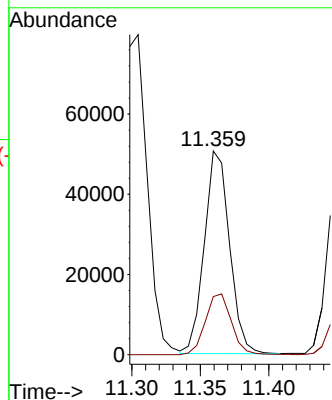
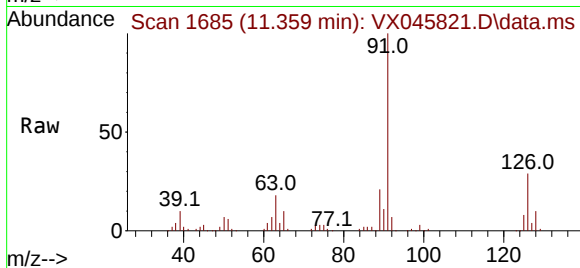
ClientSampleId :

Tgt Ion: 91 Resp: 64766

Ion Ratio Lower Upper

91 100

126 30.8 15.8 47.4



#80

1,3,5-Trimethylbenzene

Concen: 19.182 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX045821.D

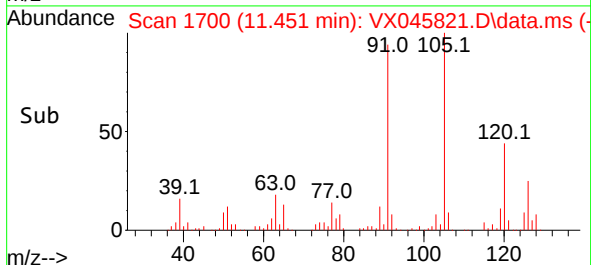
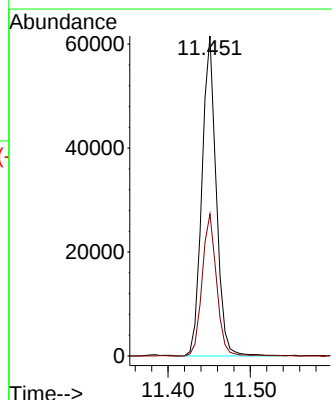
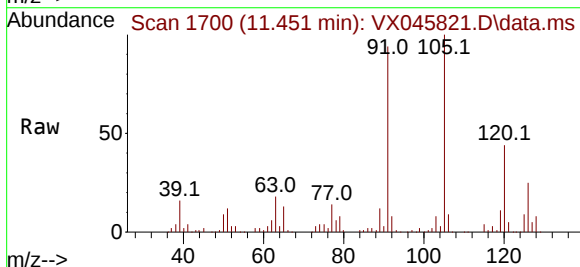
Acq: 17 Apr 2025 12:26

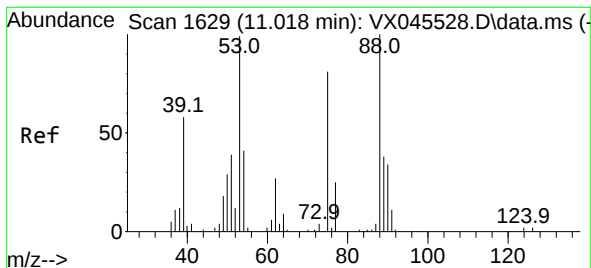
Tgt Ion: 105 Resp: 74713

Ion Ratio Lower Upper

105 100

120 44.8 23.0 69.0

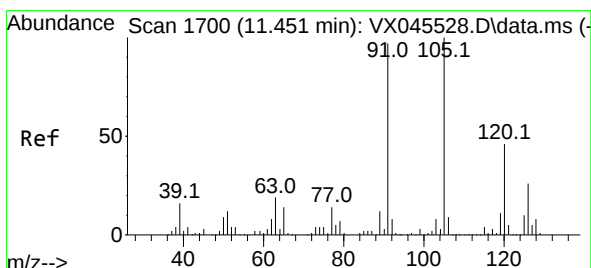
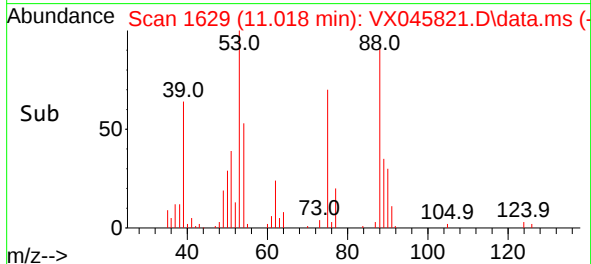
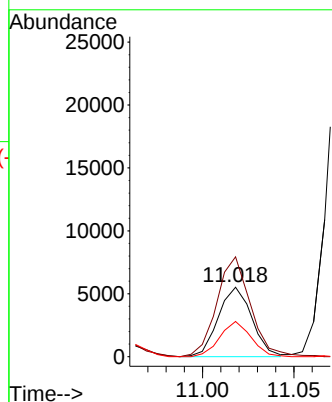
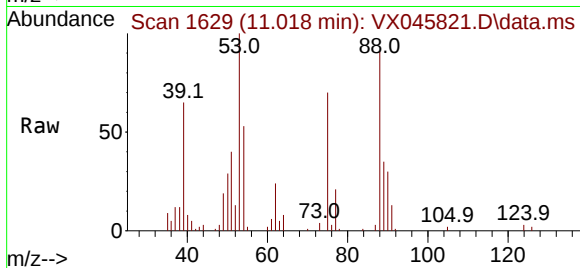




#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.686 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

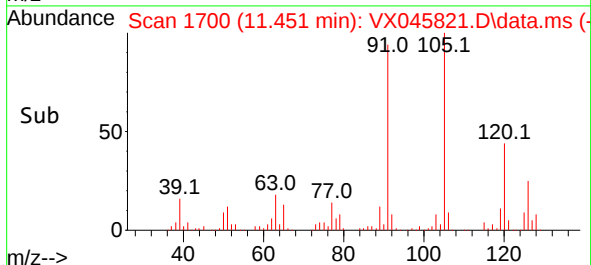
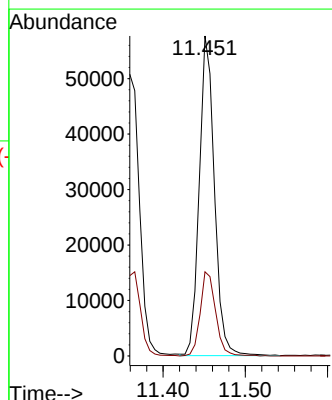
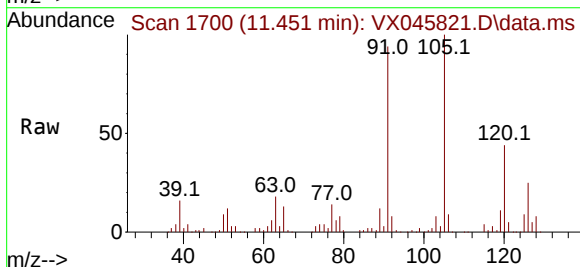
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 75 Resp: 7052  
Ion Ratio Lower Upper  
75 100  
53 144.2 101.8 152.6  
89 47.1 37.2 55.8



#82  
4-Chlorotoluene  
Concen: 19.078 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

Tgt Ion: 91 Resp: 73779  
Ion Ratio Lower Upper  
91 100  
126 26.7 13.3 39.9





#83

tert-Butylbenzene

Concen: 18.972 ug/l

RT: 11.713 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045821.D

Acq: 17 Apr 2025 12:26

Instrument :

MSVOA\_X

ClientSampleId :

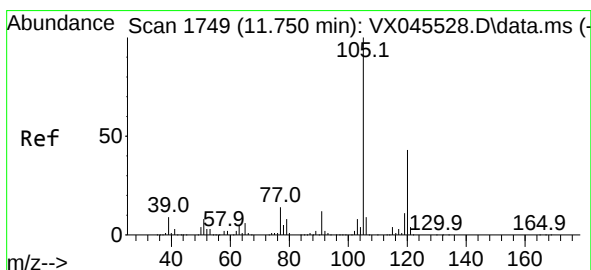
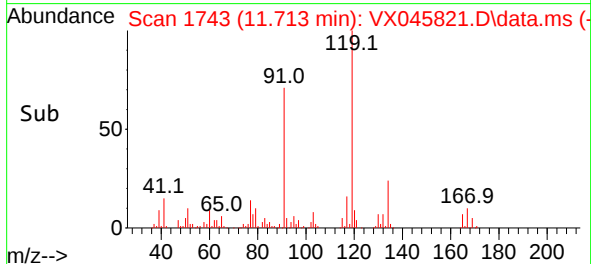
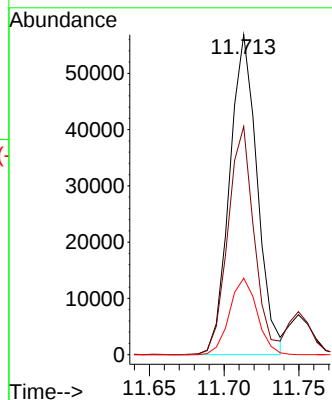
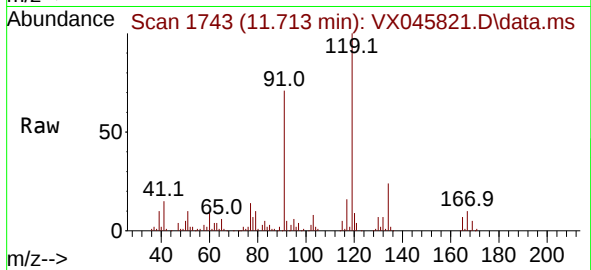
Tgt Ion:119 Resp: 73160

Ion Ratio Lower Upper

119 100

91 68.1 32.4 97.2

134 23.8 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 19.374 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX045821.D

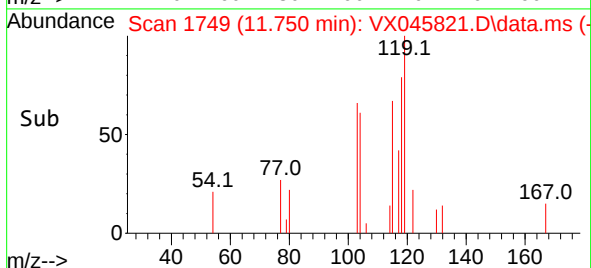
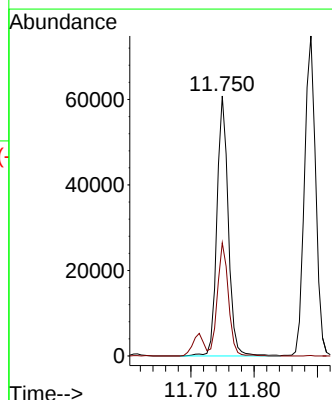
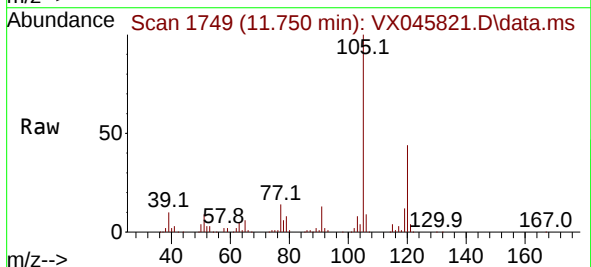
Acq: 17 Apr 2025 12:26

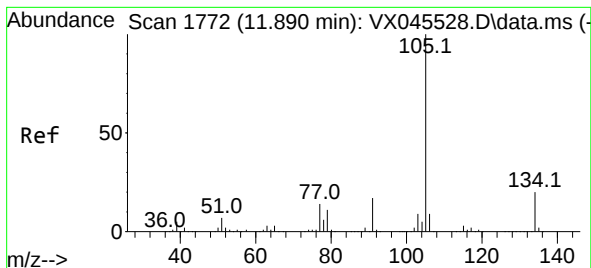
Tgt Ion:105 Resp: 75739

Ion Ratio Lower Upper

105 100

120 42.5 21.4 64.3





#85

sec-Butylbenzene

Concen: 19.365 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX045821.D

Acq: 17 Apr 2025 12:26

Instrument :

MSVOA\_X

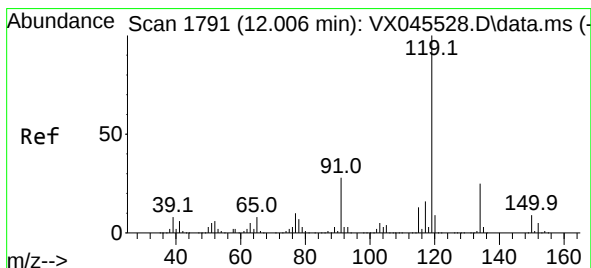
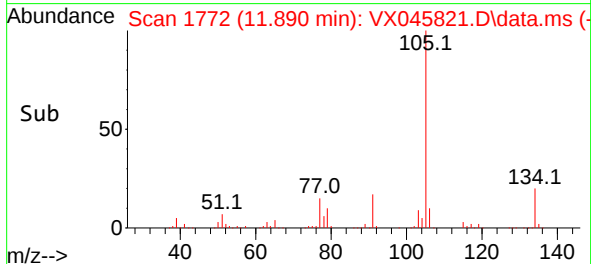
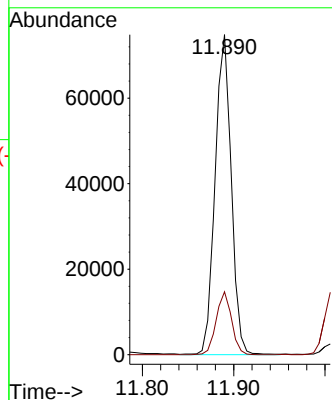
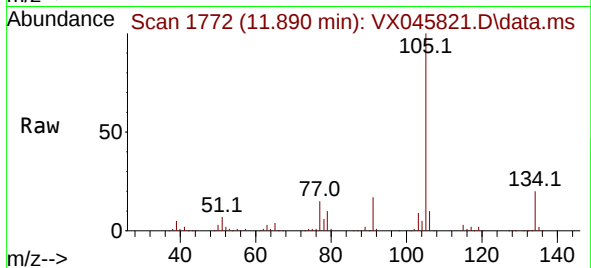
ClientSampleId :

Tgt Ion:105 Resp: 91720

Ion Ratio Lower Upper

105 100

134 18.7 9.6 28.6



#86

p-Isopropyltoluene

Concen: 19.261 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX045821.D

Acq: 17 Apr 2025 12:26

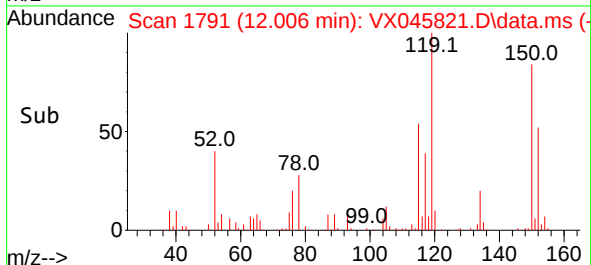
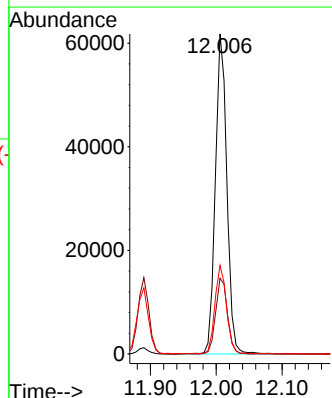
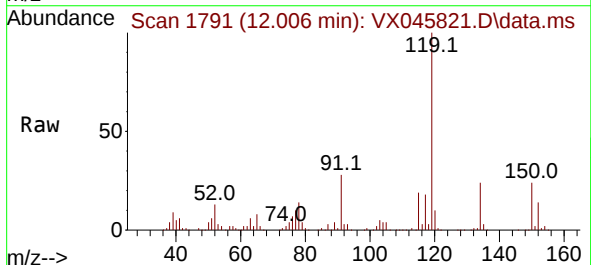
Tgt Ion:119 Resp: 75211

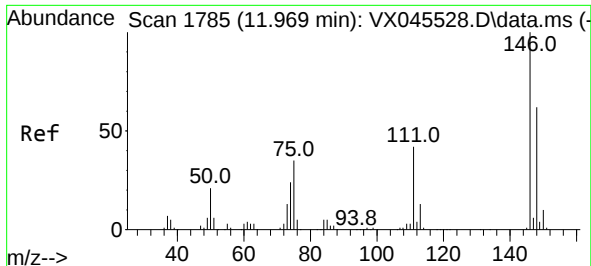
Ion Ratio Lower Upper

119 100

134 24.2 12.6 37.8

91 27.9 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 18.778 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045821.D

Acq: 17 Apr 2025 12:26

Instrument :

MSVOA\_X

ClientSampleId :

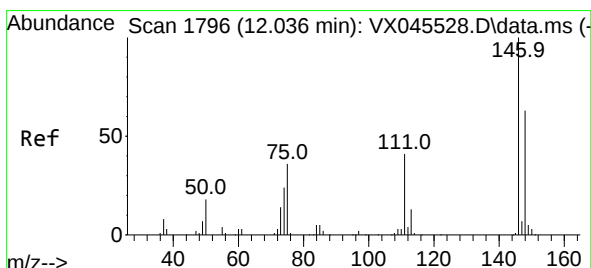
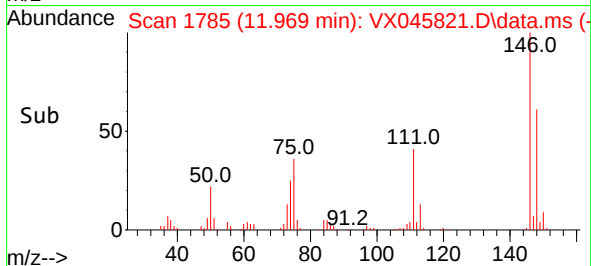
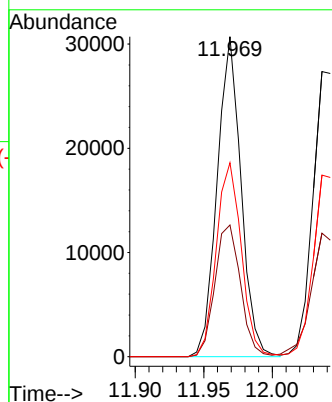
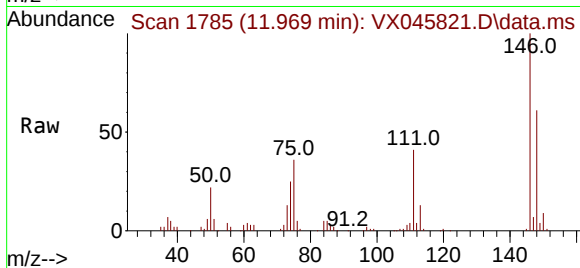
Tgt Ion:146 Resp: 37202

Ion Ratio Lower Upper

146 100

111 44.2 22.2 66.6

148 63.7 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 18.740 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX045821.D

Acq: 17 Apr 2025 12:26

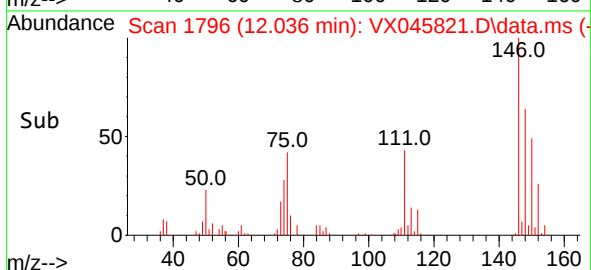
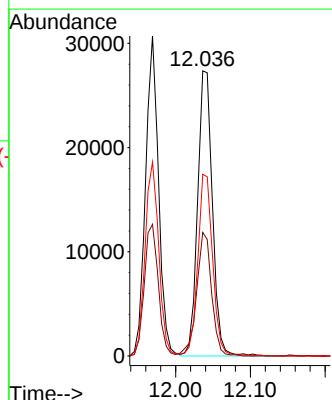
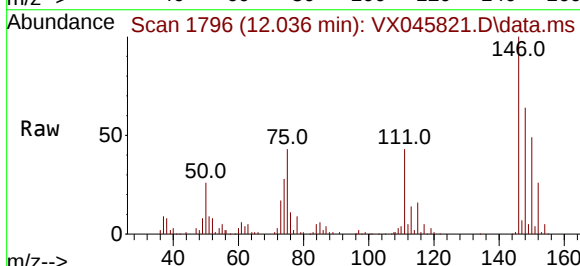
Tgt Ion:146 Resp: 37638

Ion Ratio Lower Upper

146 100

111 43.9 20.9 62.8

148 63.7 31.5 94.5





#89

n-Butylbenzene

Concen: 19.222 ug/l

RT: 12.329 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045821.D

Acq: 17 Apr 2025 12:26

Instrument :

MSVOA\_X

ClientSampleId :

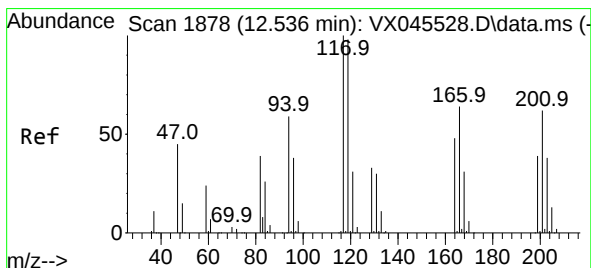
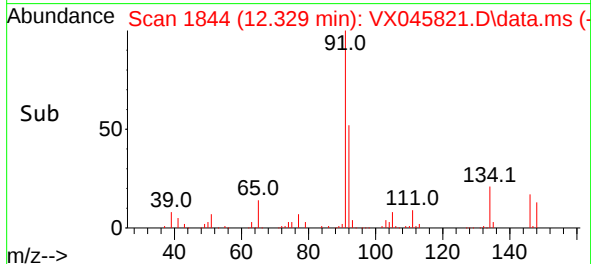
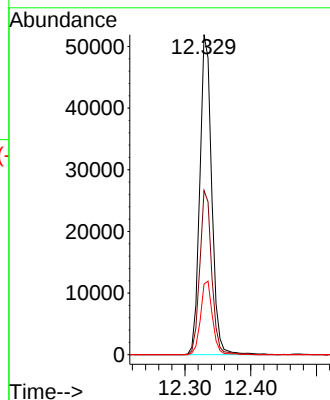
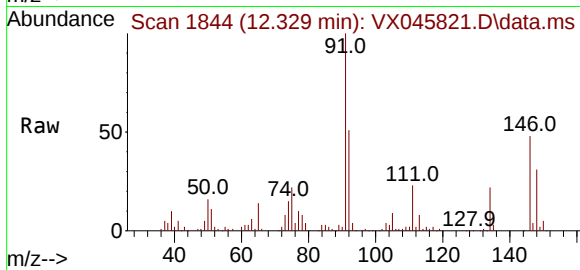
Tgt Ion: 91 Resp: 65089

Ion Ratio Lower Upper

91 100

92 51.2 26.9 80.6

134 23.0 11.9 35.7



#90

Hexachloroethane

Concen: 18.798 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX045821.D

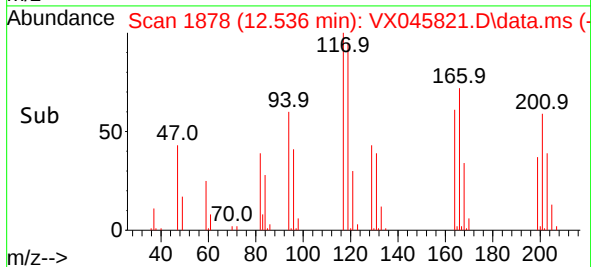
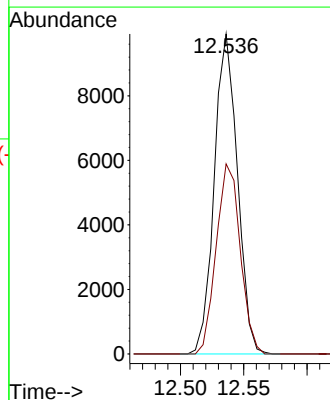
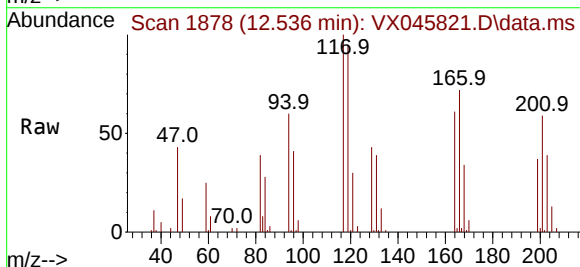
Acq: 17 Apr 2025 12:26

Tgt Ion: 117 Resp: 12615

Ion Ratio Lower Upper

117 100

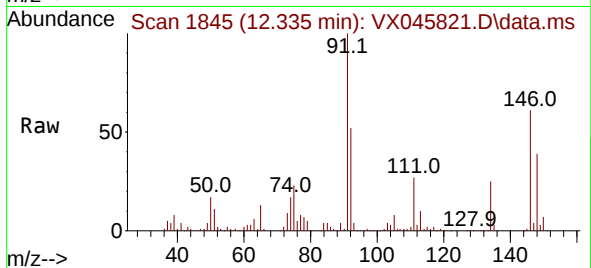
201 61.7 31.2 93.6



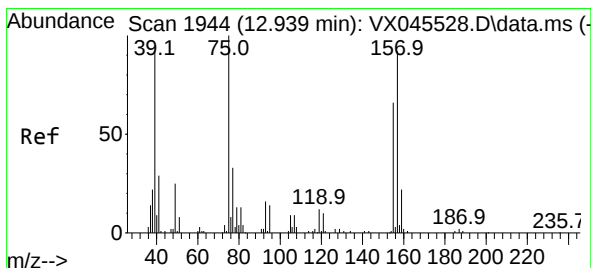
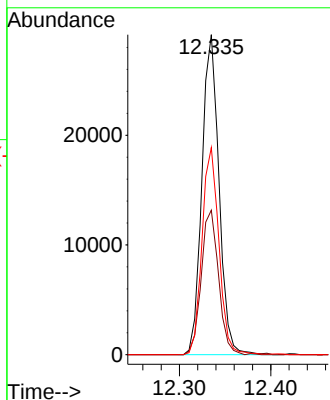
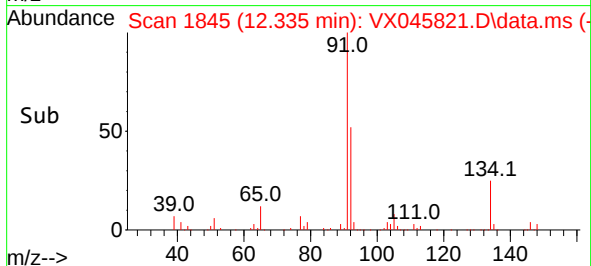


#91  
1,2-Dichlorobenzene  
Concen: 19.172 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

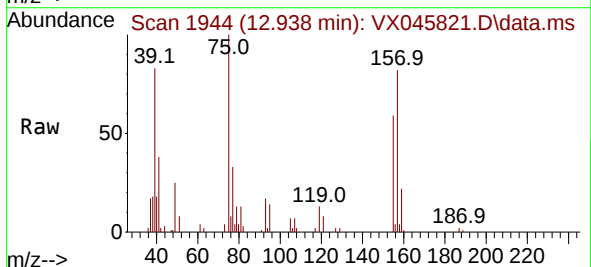
Instrument :  
MSVOA\_X  
ClientSampleId :



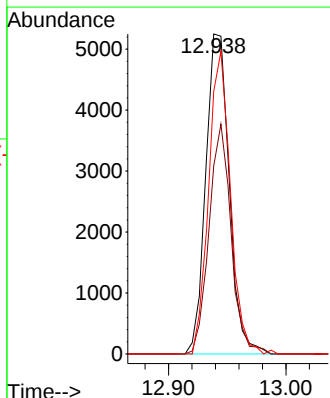
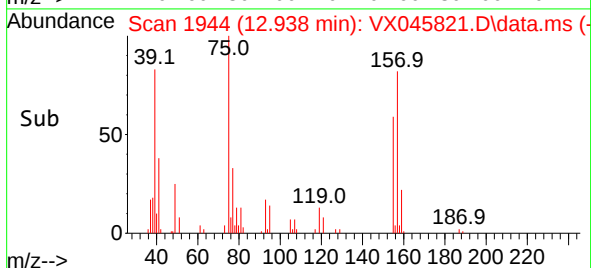
Tgt Ion:146 Resp: 37761  
Ion Ratio Lower Upper  
146 100  
111 45.8 22.9 68.8  
148 64.0 31.9 95.5

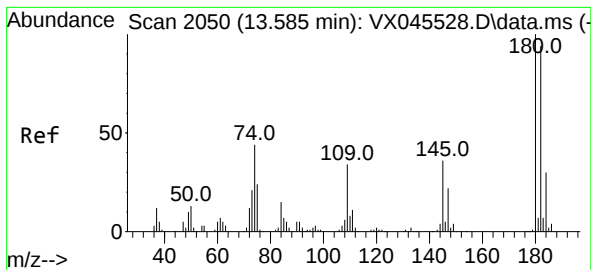


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 21.066 ug/l  
RT: 12.938 min Scan# 1944  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26



Tgt Ion: 75 Resp: 7290  
Ion Ratio Lower Upper  
75 100  
155 67.5 34.9 104.7  
157 87.9 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 19.576 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX045821.D

Acq: 17 Apr 2025 12:26

Instrument :

MSVOA\_X

ClientSampleId :

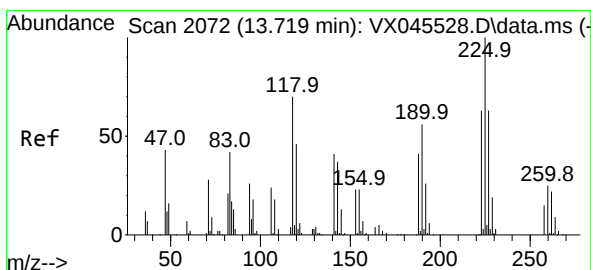
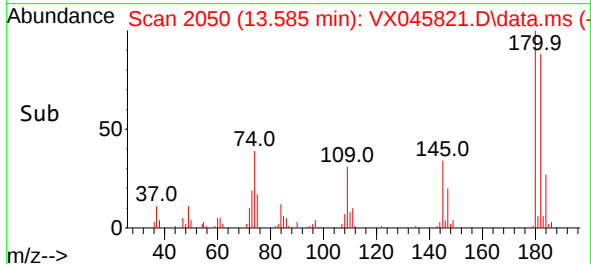
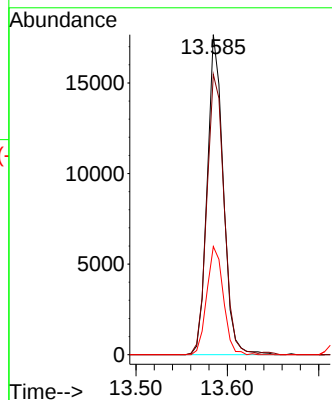
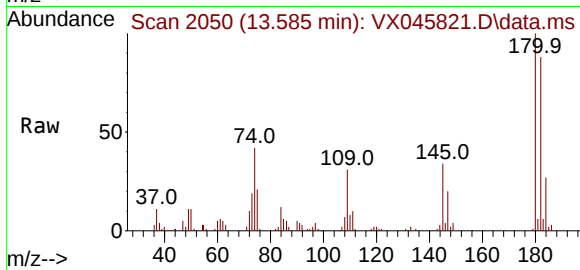
Tgt Ion:180 Resp: 21463

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.6

145 34.9 17.9 53.8



#94

Hexachlorobutadiene

Concen: 20.134 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX045821.D

Acq: 17 Apr 2025 12:26

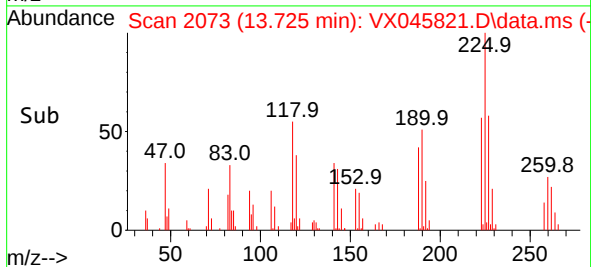
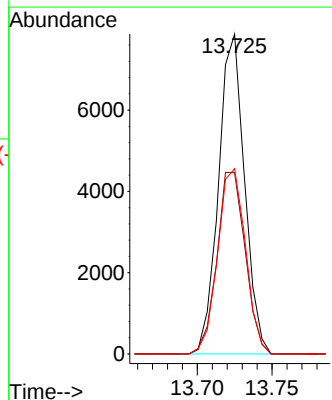
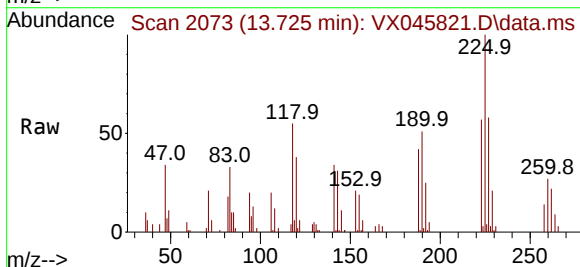
Tgt Ion:225 Resp: 9512

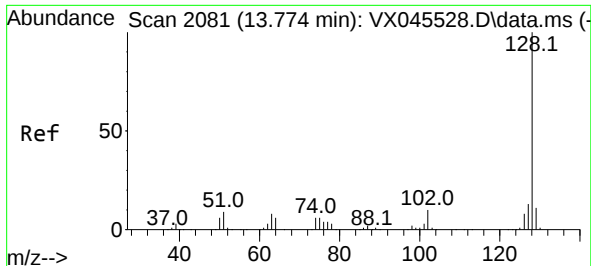
Ion Ratio Lower Upper

225 100

223 61.9 31.1 93.3

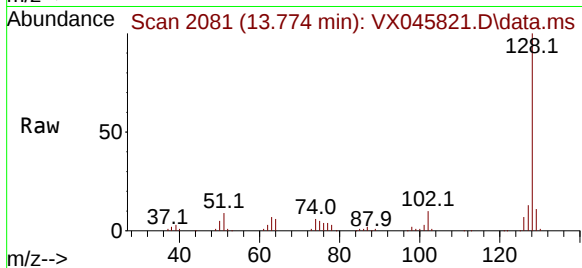
227 62.0 32.2 96.6



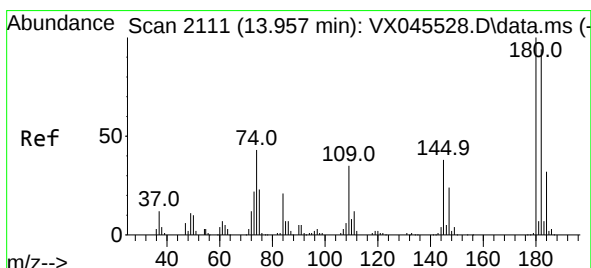
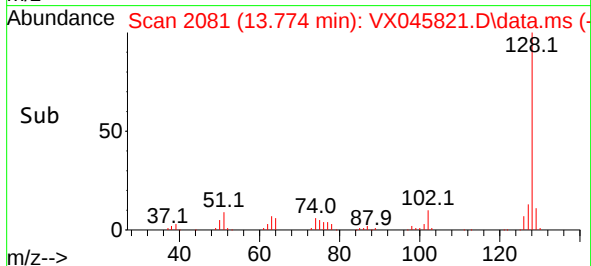
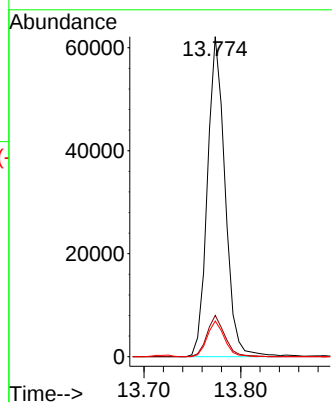


#95  
Naphthalene  
Concen: 19.377 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion:128 Resp: 79057  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.3 15.5  
129 10.8 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 19.114 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.006 min  
Lab File: VX045821.D  
Acq: 17 Apr 2025 12:26

Tgt Ion:180 Resp: 21944  
Ion Ratio Lower Upper  
180 100  
182 97.2 47.3 141.8  
145 35.8 18.2 54.6

