

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112423\  
 Data File : VX039016.D  
 Acq On : 24 Nov 2023 10:30  
 Operator : JC/MD  
 Sample : VSTDIC100  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 27 03:08:05 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X112423W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Mon Nov 27 03:05:03 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Bromochloromethane        | 4.891  | 128   | 11213    | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.763  | 114   | 84370    | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 10.055 | 117   | 107288   | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 5.952  | 65    | 44029    | 28.702   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | =      | 95.667%  |
| 60) 4-Bromofluorobenzene     | 11.079 | 95    | 71464    | 30.496   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | =      | 101.667% |
| 63) Toluene-d8               | 8.647  | 98    | 126474   | 29.816   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | =      | 99.400%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 163417   | 97.370   | ug/l   | 98       |
| 3) Chloromethane             | 1.294  | 50    | 185238   | 96.393   | ug/l   | 94       |
| 4) Vinyl Chloride            | 1.374  | 62    | 185854   | 95.799   | ug/l   | 99       |
| 5) Bromomethane              | 1.599  | 94    | 100476   | 84.676   | ug/l   | 100      |
| 6) Chloroethane              | 1.678  | 64    | 105251   | 90.268   | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 1.880  | 101   | 254255   | 94.956   | ug/l   | 97       |
| 8) Diethyl Ether             | 2.130  | 74    | 98077    | 95.422   | ug/l   | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 2.325  | 101   | 145337   | 96.053   | ug/l   | 100      |
| 10) 1,1-Dichloroethene       | 2.319  | 96    | 146357   | 95.958   | ug/l   | 93       |
| 11) Methyl Iodide            | 2.453  | 142   | 164423   | 98.378   | ug/l   | 99       |
| 12) Methyl Acetate           | 2.703  | 43    | 454305   | 95.503   | ug/l   | 98       |
| 13) Acrolein                 | 2.233  | 56    | 192854   | 462.784  | ug/l   | 99       |
| 14) Acrylonitrile            | 3.062  | 53    | 555323   | 477.301  | ug/l   | 99       |
| 15) Acetone                  | 2.379  | 58    | 183021   | 432.764  | ug/l   | 100      |
| 16) Carbon Disulfide         | 2.507  | 76    | 437184   | 94.643   | ug/l   | 98       |
| 17) Allyl chloride           | 2.660  | 41    | 294176   | 97.158   | ug/l   | 96       |
| 18) Methylene Chloride       | 2.788  | 84    | 173201   | 95.800   | ug/l   | 98       |
| 19) trans-1,2-Dichloroethene | 3.087  | 96    | 167402   | 97.044   | ug/l   | 97       |
| 20) Diisopropyl ether        | 3.757  | 45    | 554421   | 96.221   | ug/l   | 94       |
| 21) 1,1-Dichloroethane       | 3.605  | 63    | 307641   | 96.029   | ug/l   | 98       |
| 22) cis-1,2-Dichloroethene   | 4.489  | 96    | 191898   | 95.990   | ug/l   | 99       |
| 23) tert-Butyl Alcohol       | 2.971  | 59    | 302056   | 468.951  | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 3.111  | 73    | 540042   | 96.118   | ug/l   | 100      |
| 25) Chloroform               | 5.092  | 83    | 310908   | 96.694   | ug/l   | 97       |
| 26) Cyclohexane              | 5.470  | 56    | 278420   | 96.021   | ug/l # | 100      |
| 29) 1,1-Dichloropropene      | 5.690  | 75    | 237512   | 100.423  | ug/l   | 100      |
| 30) 2-Butanone               | 4.550  | 43    | 861628   | 483.869  | ug/l   | 99       |
| 31) 2,2-Dichloropropane      | 4.477  | 77    | 273396   | 101.101  | ug/l   | 100      |
| 32) 1,1,1-Trichloroethane    | 5.379  | 97    | 278753   | 101.971  | ug/l   | 98       |
| 33) Carbon Tetrachloride     | 5.678  | 117   | 239044   | 103.813  | ug/l   | 97       |
| 34) Benzene                  | 6.037  | 78    | 693649   | 100.678  | ug/l   | 99       |
| 35) Methacrylonitrile        | 4.916  | 41    | 164956   | 104.579  | ug/l   | 97       |
| 36) 1,2-Dichloroethane       | 6.086  | 62    | 251119   | 99.334   | ug/l   | 100      |
| 37) Trichloroethene          | 7.123  | 130   | 174798   | 99.961   | ug/l   | 100      |
| 38) Methylcyclohexane        | 7.379  | 83    | 299366   | 101.586  | ug/l   | 99       |
| 39) 1,2-Dichloropropane      | 7.427  | 63    | 182752   | 100.576  | ug/l   | 100      |
| 40) Dibromomethane           | 7.580  | 93    | 127786   | 99.535   | ug/l   | 97       |
| 41) Bromodichloromethane     | 7.818  | 83    | 252634   | 102.429  | ug/l   | 97       |
| 42) Vinyl Acetate            | 3.721  | 43    | 2135817  | 503.578  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112423\  
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 Acq On : 24 Nov 2023 10:30  
 Operator : JC/MD  
 Sample : VSTDICC100  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

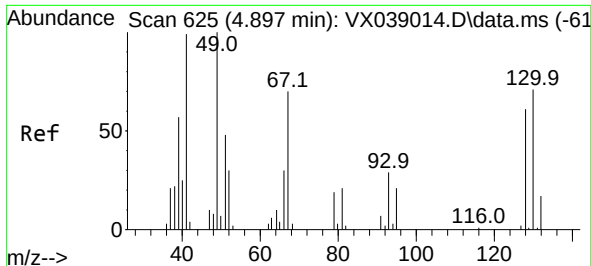
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 27 03:08:05 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X112423W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Mon Nov 27 03:05:03 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|------|----------|----------|-------|----------|
| 43) Ethyl Acetate             | 4.708  | 43   | 311650   | 101.728  | ug/l  | 99       |
| 44) Isopropyl Acetate         | 6.336  | 43   | 492403   | 101.959  | ug/l  | 100      |
| 45) 1,4-Dioxane               | 7.659  | 88   | 103746   | 2104.321 | ug/l  | 97       |
| 46) Methyl methacrylate       | 7.689  | 41   | 279192   | 101.113  | ug/l  | 97       |
| 47) n-amyl Acetate            | 10.841 | 43   | 445277   | 108.933  | ug/l  | 100      |
| 48) t-1,3-Dichloropropene     | 8.976  | 75   | 293535   | 102.640  | ug/l  | 96       |
| 49) cis-1,3-Dichloropropene   | 8.366  | 75   | 303824   | 102.983  | ug/l  | 99       |
| 50) 1,1,2-Trichloroethane     | 9.153  | 97   | 178214   | 102.187  | ug/l  | 97       |
| 51) Ethyl methacrylate        | 9.116  | 69   | 231991   | 106.266  | ug/l  | 94       |
| 52) 1,3-Dichloropropane       | 9.305  | 76   | 300665   | 100.541  | ug/l  | 100      |
| 53) Dibromochloromethane      | 9.518  | 129  | 194562   | 103.878  | ug/l  | 99       |
| 54) 1,2-Dibromoethane         | 9.610  | 107  | 195457   | 102.198  | ug/l  | 100      |
| 55) 2-Chloroethyl vinyl ether | 8.244  | 63   | 752387   | 544.034  | ug/l  | 99       |
| 56) Bromoform                 | 10.799 | 173  | 147349   | 109.003  | ug/l  | 98       |
| 58) 4-Methyl-2-Pentanone      | 8.573  | 43   | 1622145  | 498.587  | ug/l  | 98       |
| 59) 2-Hexanone                | 9.433  | 43   | 1347714  | 504.650  | ug/l  | 99       |
| 61) Tetrachloroethene         | 9.275  | 164  | 136269   | 97.690   | ug/l  | 98       |
| 62) Toluene                   | 8.720  | 91   | 763834   | 100.279  | ug/l  | 100      |
| 64) Chlorobenzene             | 10.079 | 112  | 465929   | 100.560  | ug/l  | 100      |
| 65) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 172032   | 103.096  | ug/l  | 98       |
| 66) Ethyl Benzene             | 10.195 | 91   | 869332   | 100.228  | ug/l  | 99       |
| 67) m/p-Xylenes               | 10.299 | 106  | 650707   | 203.026  | ug/l  | 98       |
| 68) o-Xylene                  | 10.640 | 106  | 316197   | 101.847  | ug/l  | 99       |
| 69) Styrene                   | 10.652 | 104  | 475339   | 103.454  | ug/l  | 99       |
| 70) Isopropylbenzene          | 10.963 | 105  | 842617   | 101.440  | ug/l  | 99       |
| 71) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 316086   | 101.932  | ug/l  | 99       |
| 72) 1,2,3-Trichloropropane    | 11.238 | 75   | 381847   | 107.156  | ug/l  | 90       |
| 73) Bromobenzene              | 11.195 | 156  | 192055   | 101.553  | ug/l  | 99       |
| 74) n-propylbenzene           | 11.305 | 91   | 1038104  | 102.003  | ug/l  | 100      |
| 75) 2-Chlorotoluene           | 11.366 | 91   | 606869   | 101.639  | ug/l  | 99       |
| 76) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 733849   | 102.549  | ug/l  | 100      |
| 77) t-1,4-Dichloro-2-butene   | 11.018 | 75   | 114722   | 110.338  | ug/l  | 94       |
| 78) 4-Chlorotoluene           | 11.451 | 91   | 716083   | 102.007  | ug/l  | 99       |
| 79) tert-butylbenzene         | 11.713 | 119  | 695060   | 102.146  | ug/l  | 100      |
| 80) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 741360   | 103.514  | ug/l  | 100      |
| 81) sec-Butylbenzene          | 11.890 | 105  | 884736   | 102.851  | ug/l  | 100      |
| 82) p-Isopropyltoluene        | 12.006 | 119  | 756985   | 103.831  | ug/l  | 99       |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146  | 372489   | 102.920  | ug/l  | 99       |
| 84) 1,4-Dichlorobenzene       | 12.042 | 146  | 377140   | 101.557  | ug/l  | 100      |
| 85) n-Butylbenzene            | 12.329 | 91   | 757027   | 105.155  | ug/l  | 99       |
| 86) Hexachloroethane          | 12.536 | 117  | 148560   | 107.545  | ug/l  | 100      |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146  | 350869   | 100.817  | ug/l  | 99       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 81495    | 102.760  | ug/l  | 97       |
| 89) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 237863   | 103.086  | ug/l  | 99       |
| 90) Hexachlorobutadiene       | 13.725 | 225  | 84758    | 102.874  | ug/l  | 99       |
| 91) Naphthalene               | 13.774 | 128  | 871825   | 102.450  | ug/l  | 100      |
| 92) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 231877   | 103.748  | ug/l  | 98       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

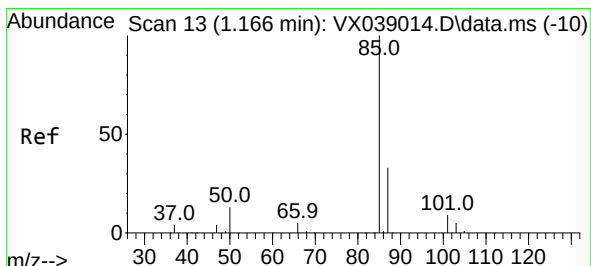
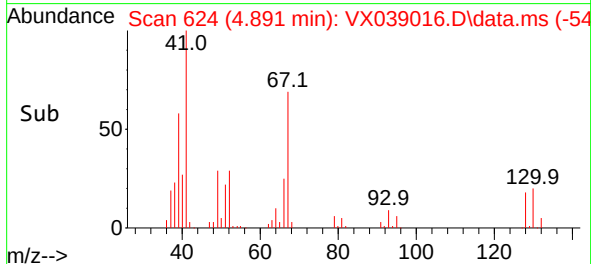
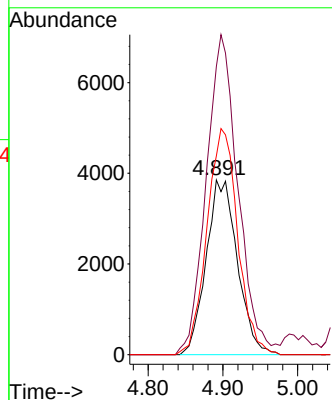
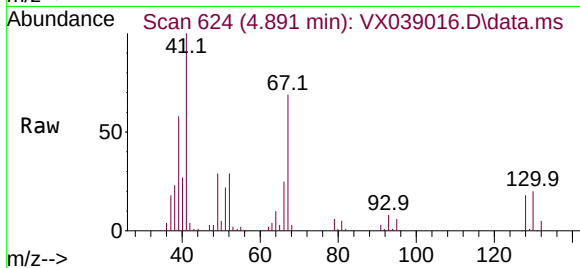




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.891 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

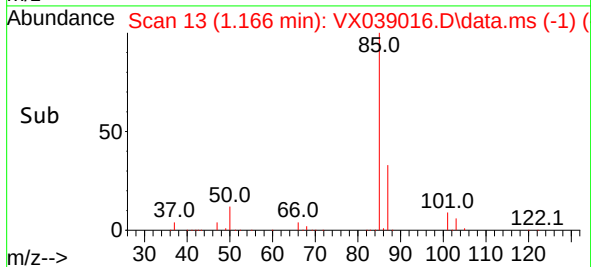
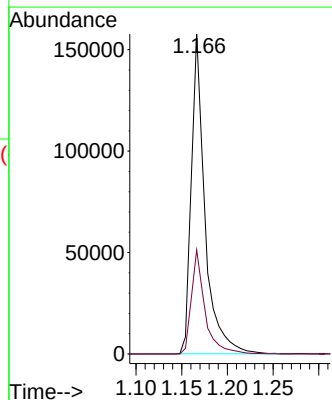
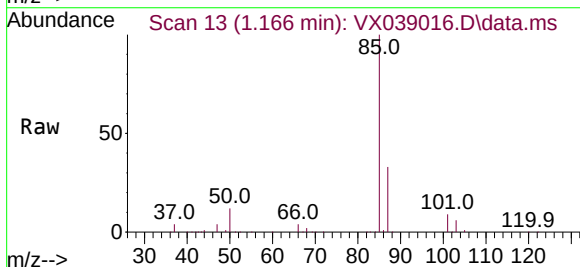
Instrument :  
MSVOA\_X  
ClientSampleId :

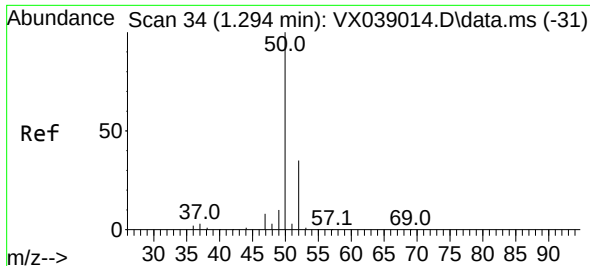
Tgt Ion:128 Resp: 11213  
Ion Ratio Lower Upper  
128 100  
49 186.4 0.0 444.0  
130 127.6 0.0 297.8



#2  
Dichlorodifluoromethane  
Concen: 97.370 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

Tgt Ion: 85 Resp: 163417  
Ion Ratio Lower Upper  
85 100  
87 32.5 16.7 50.1

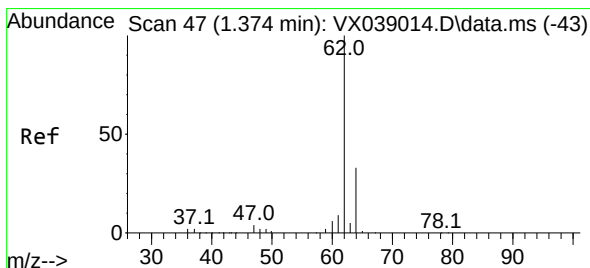
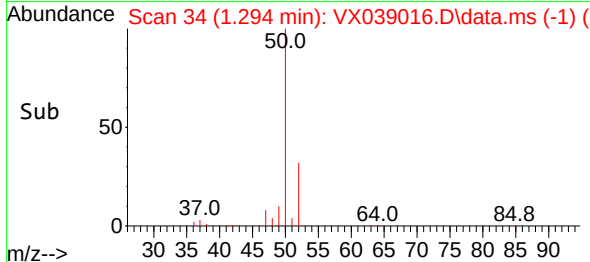
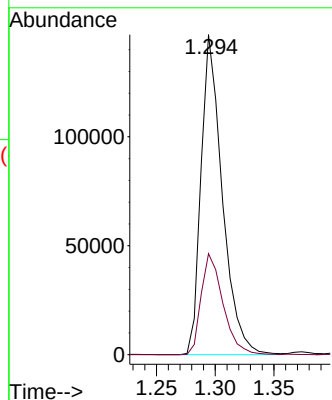
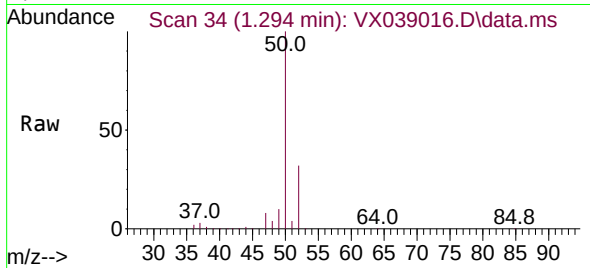




#3  
Chloromethane  
Concen: 96.393 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

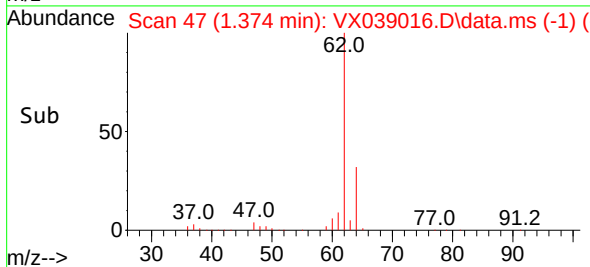
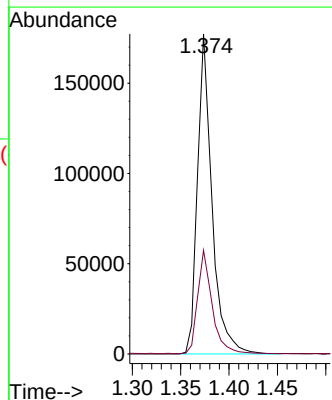
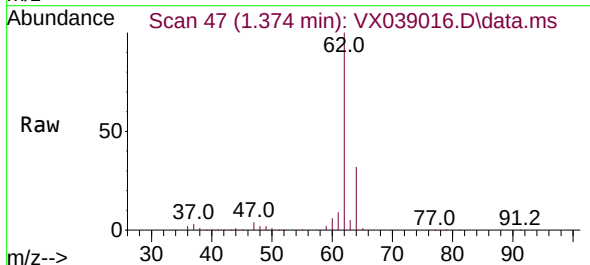
Instrument :  
MSVOA\_X  
ClientSampleId :

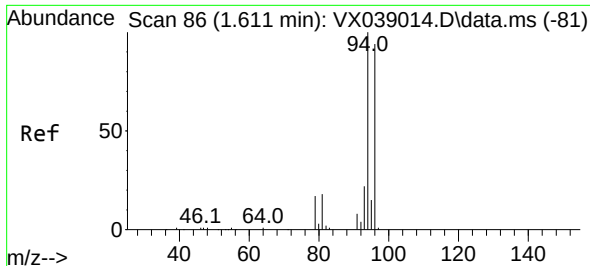
Tgt Ion: 50 Resp: 185238  
Ion Ratio Lower Upper  
50 100  
52 31.6 27.8 41.8



#4  
Vinyl Chloride  
Concen: 95.799 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

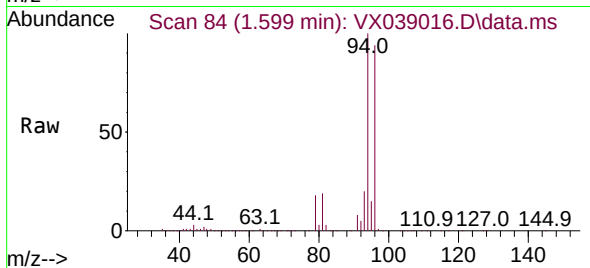
Tgt Ion: 62 Resp: 185854  
Ion Ratio Lower Upper  
62 100  
64 32.3 26.3 39.5



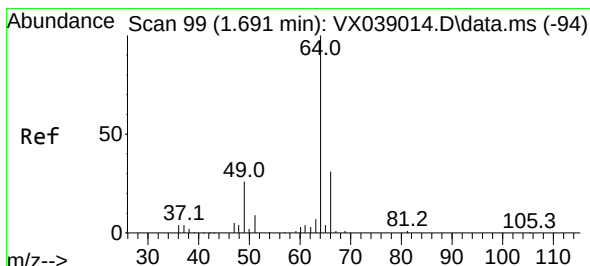
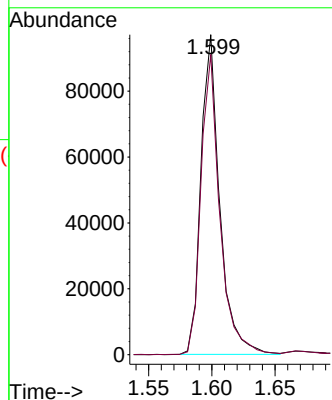
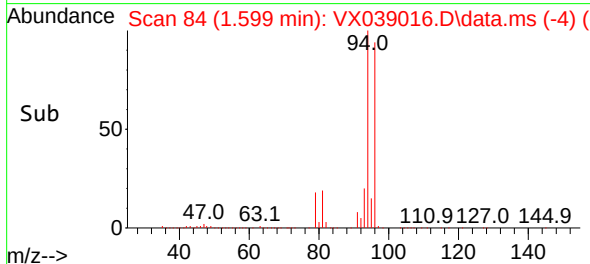


#5  
Bromomethane  
Concen: 84.676 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. -0.012 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

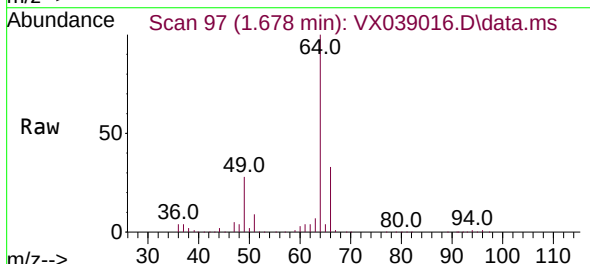
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MSVOA\_X  
ClientSampleId :



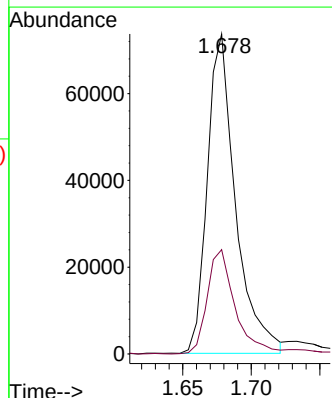
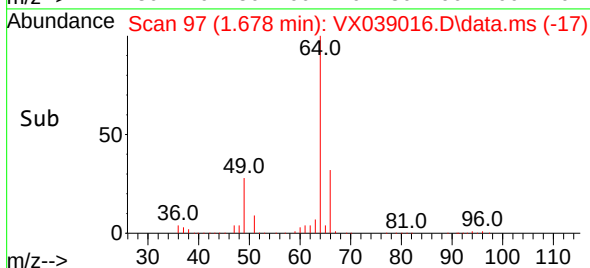
Tgt Ion: 94 Resp: 100476  
Ion Ratio Lower Upper  
94 100  
96 93.8 74.9 112.3

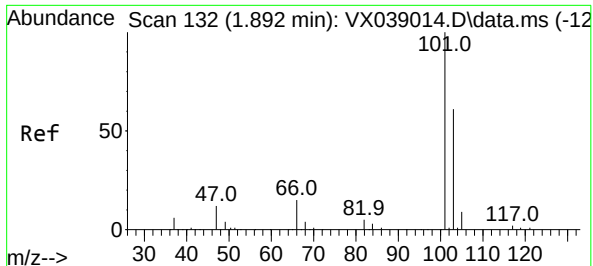


#6  
Chloroethane  
Concen: 90.268 ug/l  
RT: 1.678 min Scan# 97  
Delta R.T. -0.012 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30



Tgt Ion: 64 Resp: 105251  
Ion Ratio Lower Upper  
64 100  
66 32.5 25.0 37.6

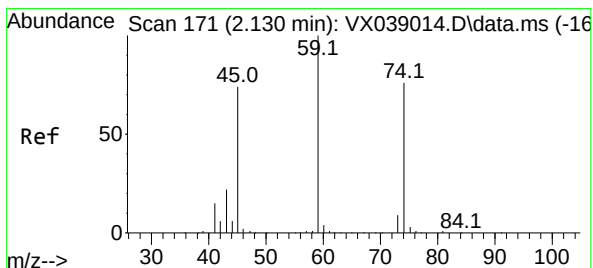
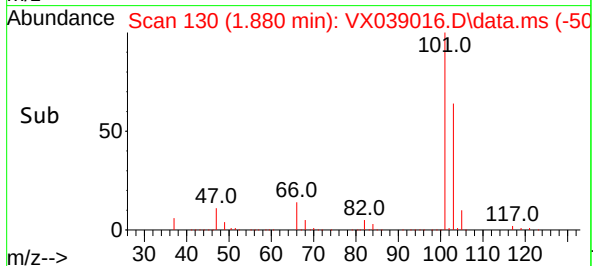
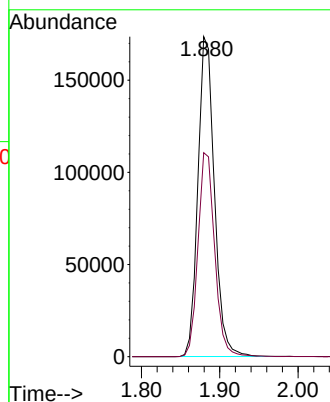
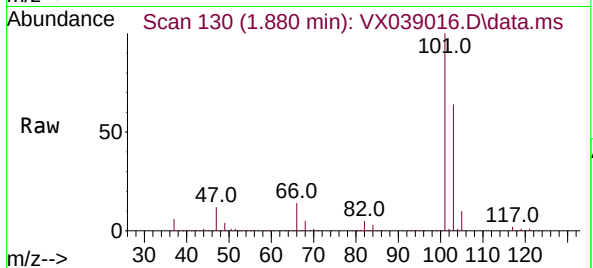




#7  
 Trichlorofluoromethane  
 Concen: 94.956 ug/l  
 RT: 1.880 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: VX039016.D  
 Acq: 24 Nov 2023 10:30

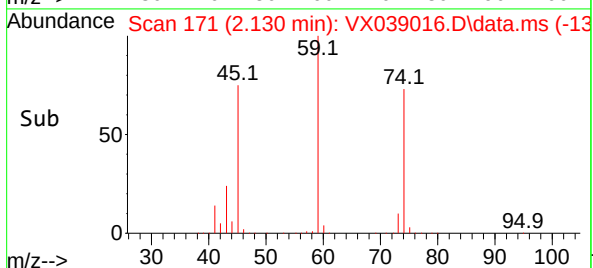
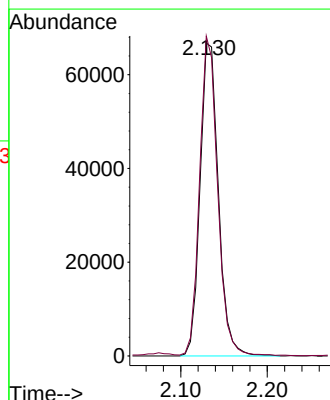
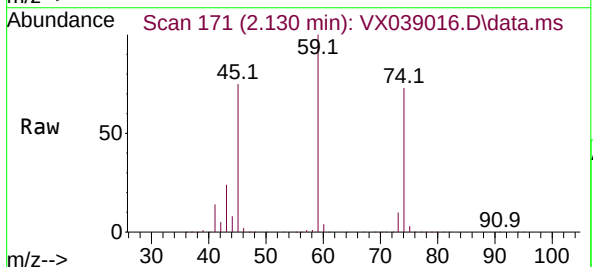
Instrument :  
 MSVOA\_X  
 ClientSampleId :

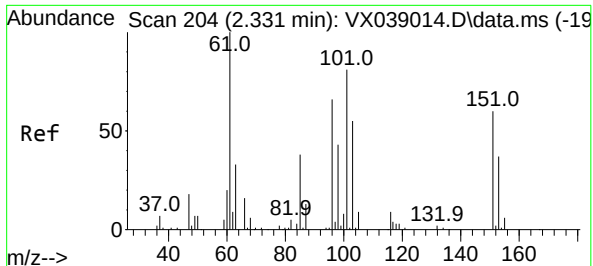
Tgt Ion:101 Resp: 254255  
 Ion Ratio Lower Upper  
 101 100  
 103 63.7 49.1 73.7



#8  
 Diethyl Ether  
 Concen: 95.422 ug/l  
 RT: 2.130 min Scan# 171  
 Delta R.T. -0.000 min  
 Lab File: VX039016.D  
 Acq: 24 Nov 2023 10:30

Tgt Ion: 74 Resp: 98077  
 Ion Ratio Lower Upper  
 74 100  
 45 100.0 20.5 184.5

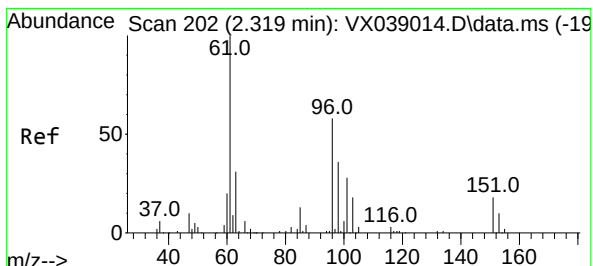
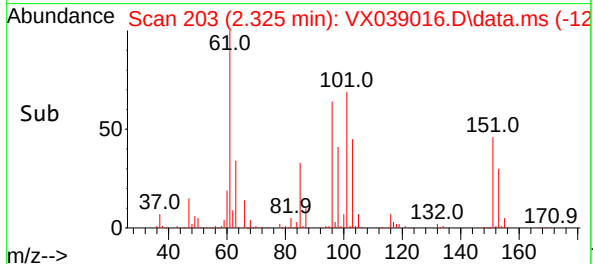
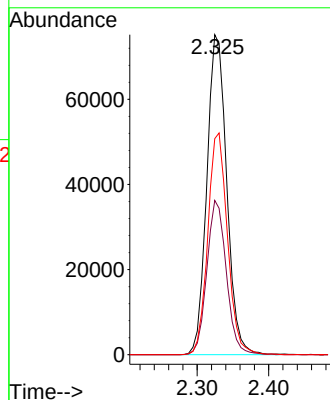
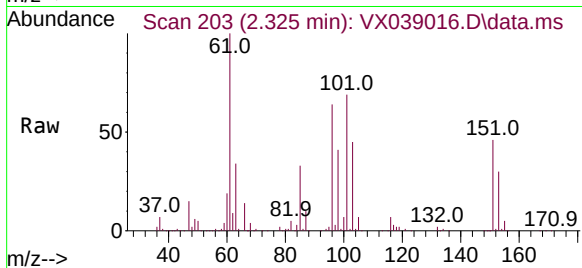




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 96.053 ug/l  
RT: 2.325 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

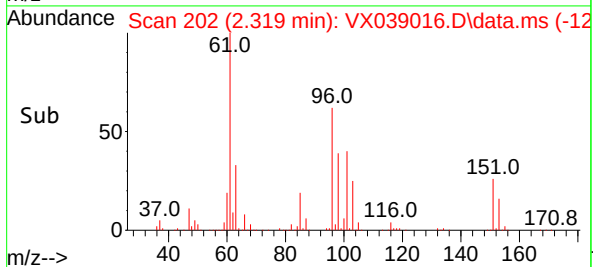
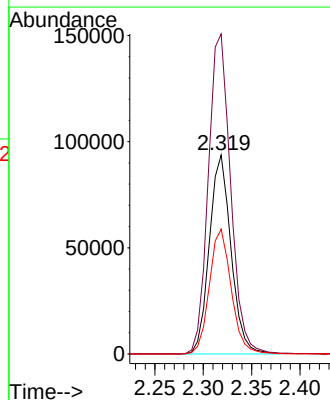
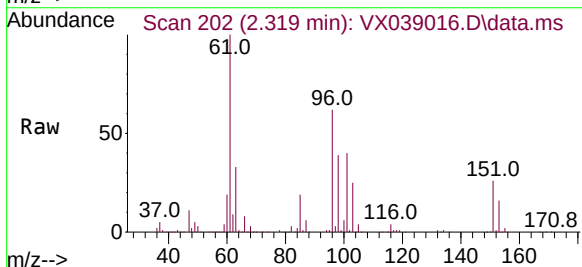
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:101 Resp: 145337  
Ion Ratio Lower Upper  
101 100  
85 47.2 0.0 95.2  
151 68.6 0.0 136.8

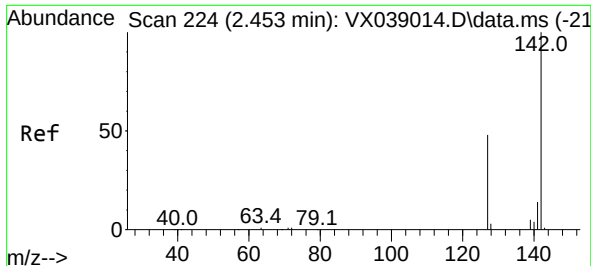


#10  
1,1-Dichloroethene  
Concen: 95.958 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

Tgt Ion: 96 Resp: 146357  
Ion Ratio Lower Upper  
96 100  
61 160.8 138.3 207.5  
98 62.7 49.8 74.6

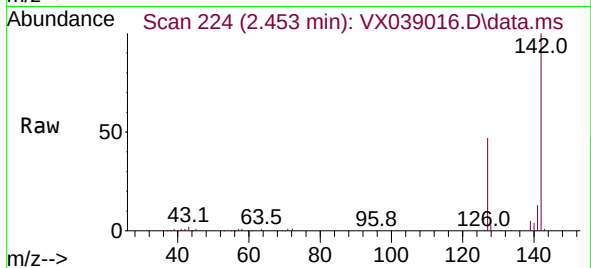




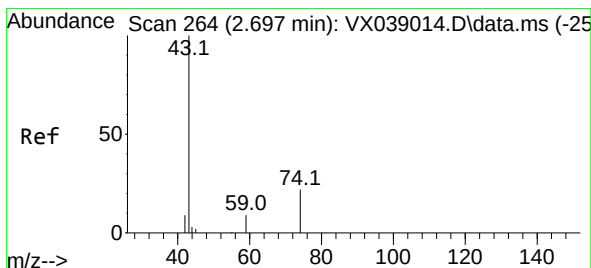
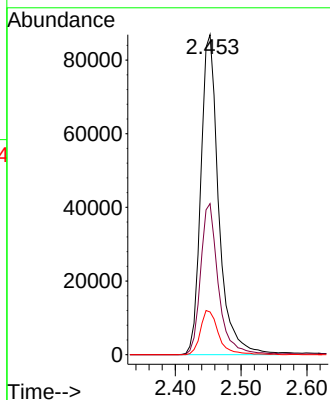
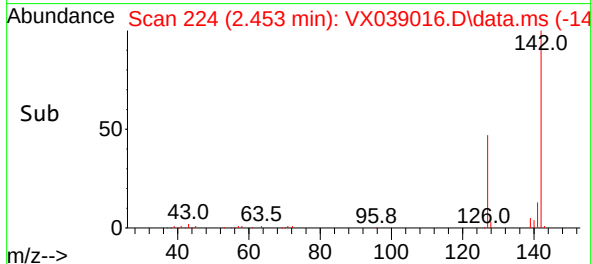


#11  
Methyl Iodide  
Concen: 98.378 ug/l  
RT: 2.453 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

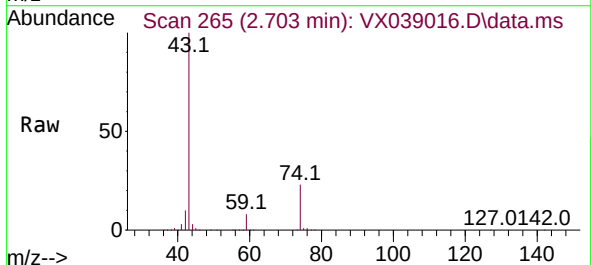
Instrument :  
MSVOA\_X  
ClientSampleId :



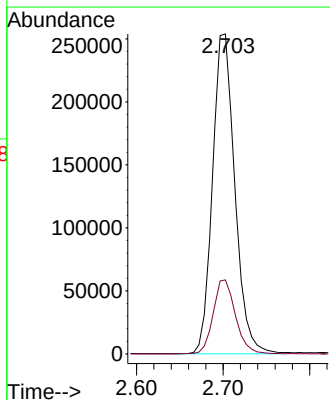
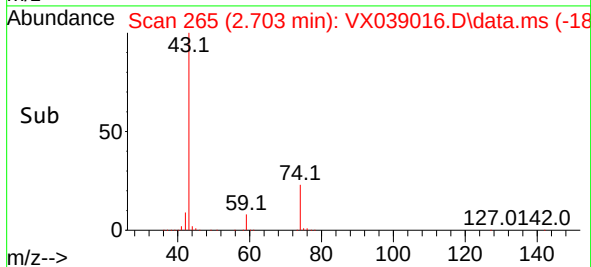
Tgt Ion:142 Resp: 164423  
Ion Ratio Lower Upper  
142 100  
127 47.2 23.8 71.4  
141 13.4 6.9 20.6

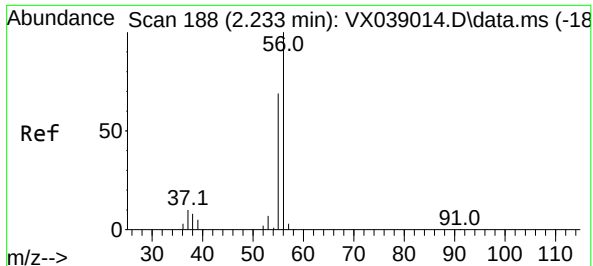


#12  
Methyl Acetate  
Concen: 95.503 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. 0.006 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30



Tgt Ion: 43 Resp: 454305  
Ion Ratio Lower Upper  
43 100  
74 23.1 17.8 26.6





#13

Acrolein

Concen: 462.784 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

Instrument :

MSVOA\_X

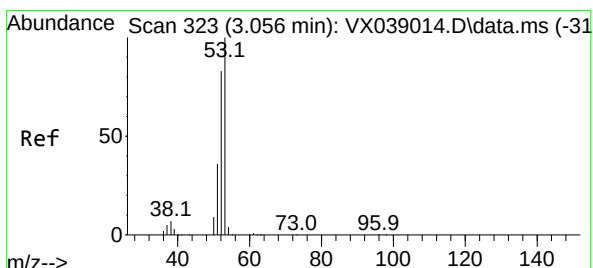
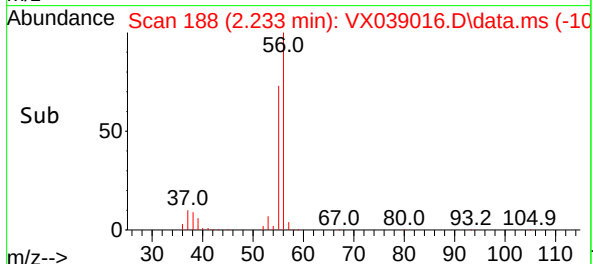
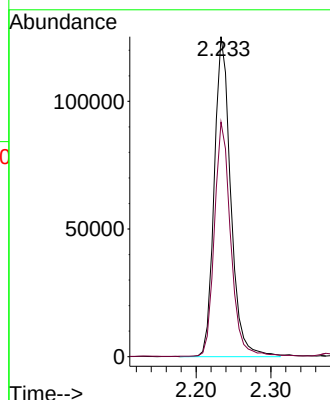
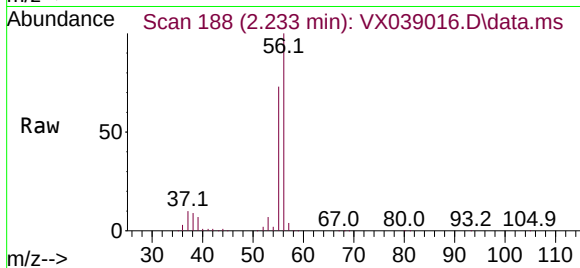
ClientSampleId :

Tgt Ion: 56 Resp: 192854

Ion Ratio Lower Upper

56 100

55 72.4 57.2 85.8



#14

Acrylonitrile

Concen: 477.301 ug/l

RT: 3.062 min Scan# 324

Delta R.T. 0.006 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

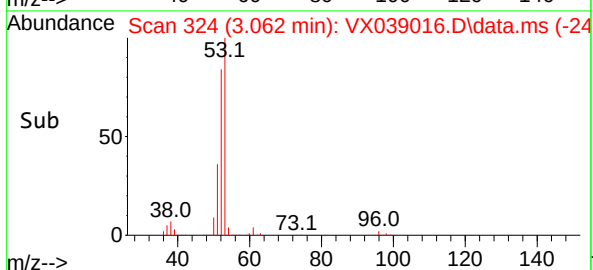
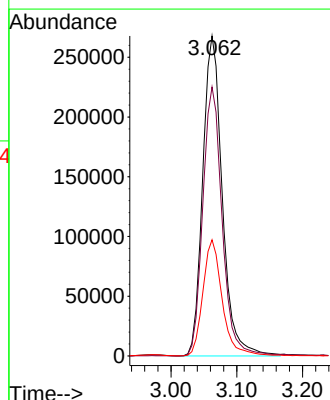
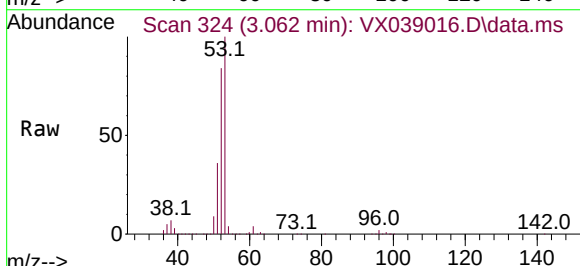
Tgt Ion: 53 Resp: 555323

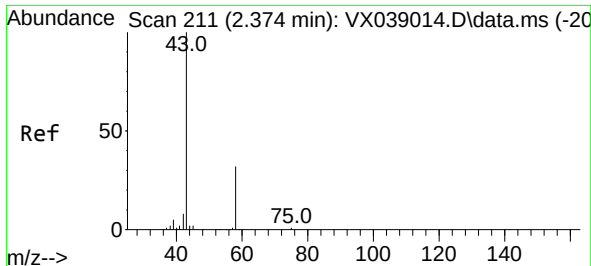
Ion Ratio Lower Upper

53 100

52 83.2 41.9 125.6

51 35.8 18.3 54.9

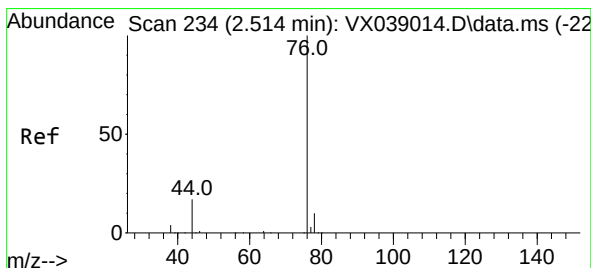
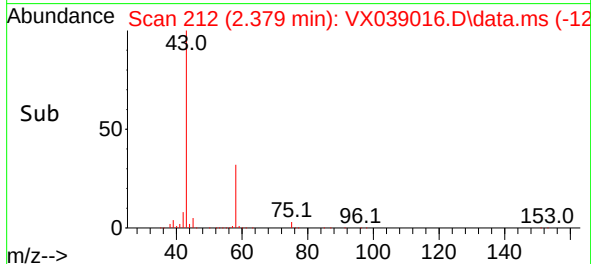
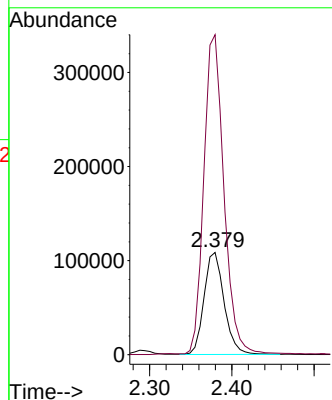
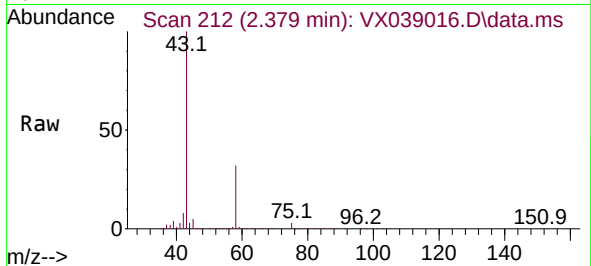




#15  
Acetone  
Concen: 432.764 ug/l  
RT: 2.379 min Scan# 211  
Delta R.T. 0.006 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

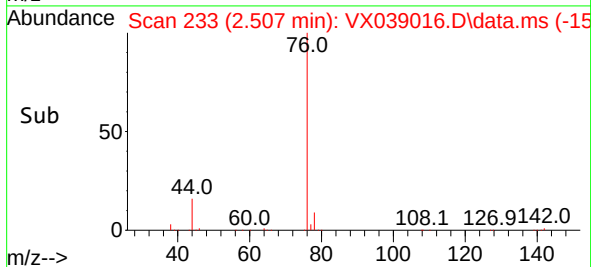
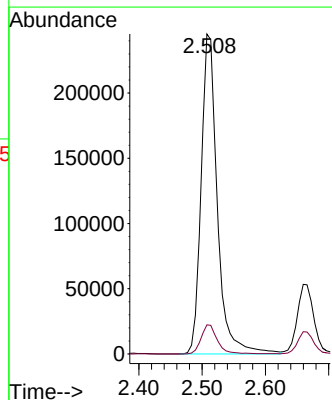
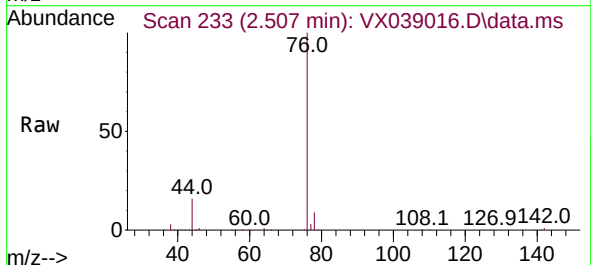
Instrument :  
MSVOA\_X  
ClientSampleId :

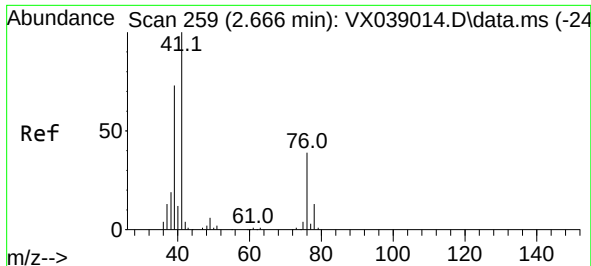
Tgt Ion: 58 Resp: 183021  
Ion Ratio Lower Upper  
58 100  
43 313.1 249.9 374.9



#16  
Carbon Disulfide  
Concen: 94.643 ug/l  
RT: 2.507 min Scan# 233  
Delta R.T. -0.006 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

Tgt Ion: 76 Resp: 437184  
Ion Ratio Lower Upper  
76 100  
78 9.1 8.0 12.0





#17

Allyl chloride

Concen: 97.158 ug/l

RT: 2.660 min Scan# 259

Delta R.T. -0.006 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

Instrument :

MSVOA\_X

ClientSampleId :

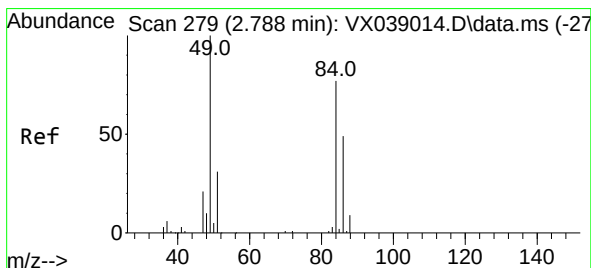
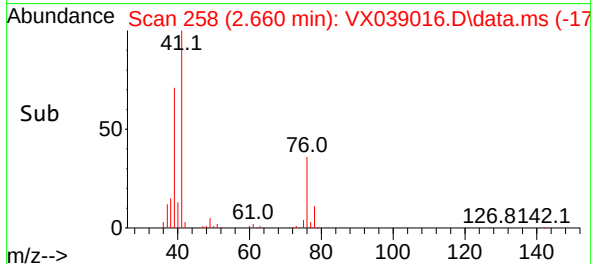
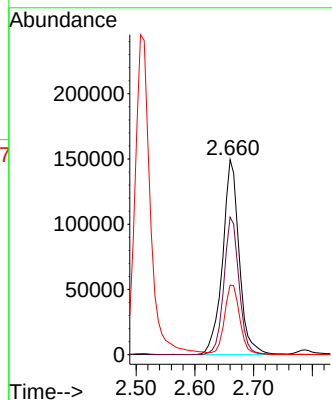
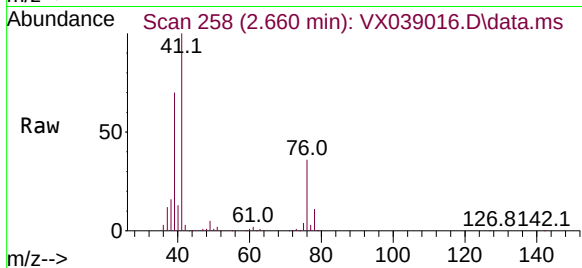
Tgt Ion: 41 Resp: 294176

Ion Ratio Lower Upper

41 100

39 70.5 36.5 109.5

76 35.5 19.7 59.0



#18

Methylene Chloride

Concen: 95.800 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

Tgt Ion: 84 Resp: 173201

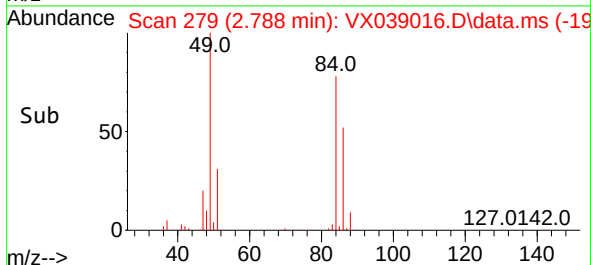
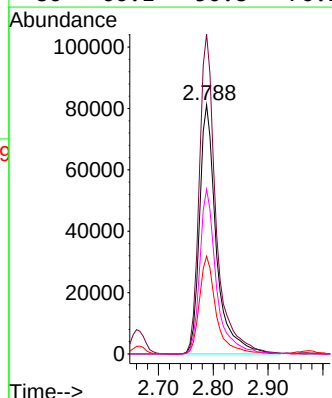
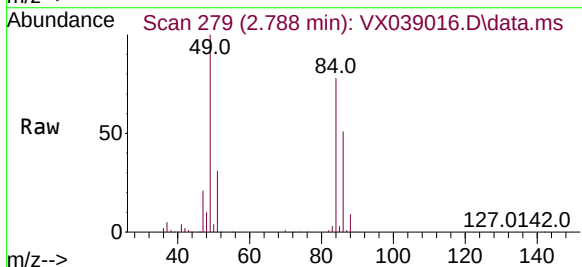
Ion Ratio Lower Upper

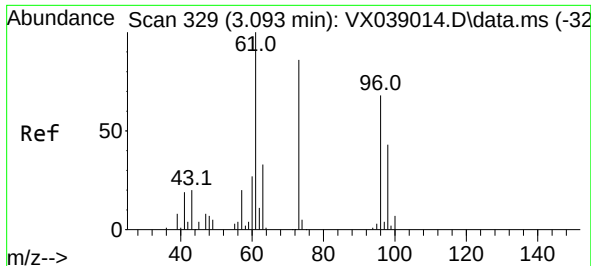
84 100

49 128.4 103.8 155.8

51 39.3 31.8 47.6

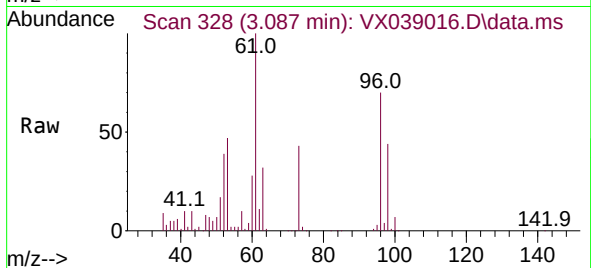
86 66.1 50.8 76.2



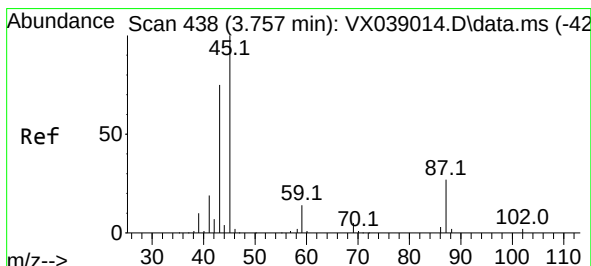
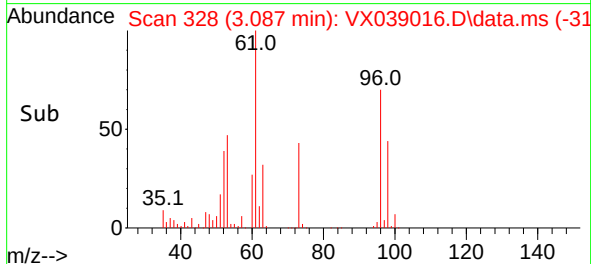
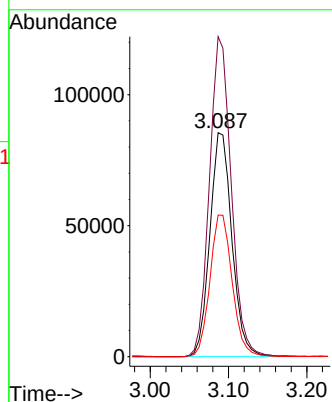


#19  
trans-1,2-Dichloroethene  
Concen: 97.044 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

Instrument :  
MSVOA\_X  
ClientSampleId :

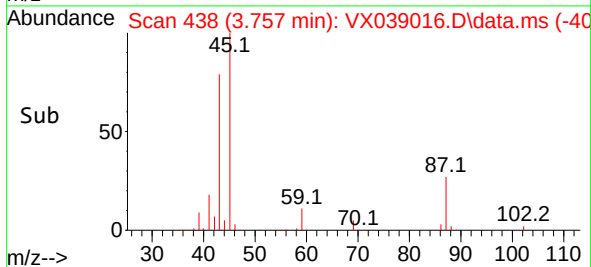
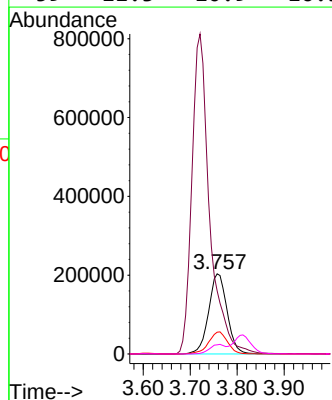
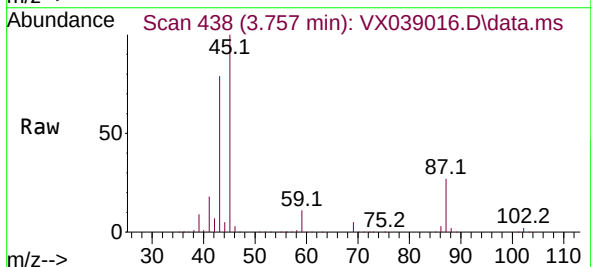


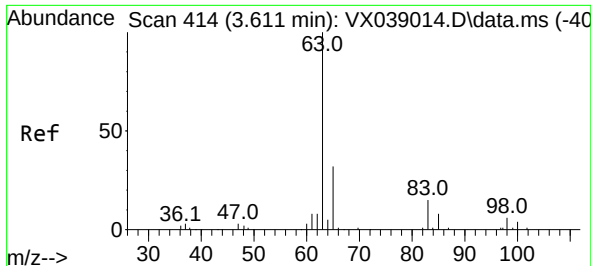
Tgt Ion: 96 Resp: 167402  
Ion Ratio Lower Upper  
96 100  
61 142.8 117.9 176.9  
98 63.2 51.0 76.6



#20  
Diisopropyl ether  
Concen: 96.221 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

Tgt Ion: 45 Resp: 554421  
Ion Ratio Lower Upper  
45 100  
43 78.1 67.7 101.5  
87 27.2 21.5 32.3  
59 11.3 10.9 16.3

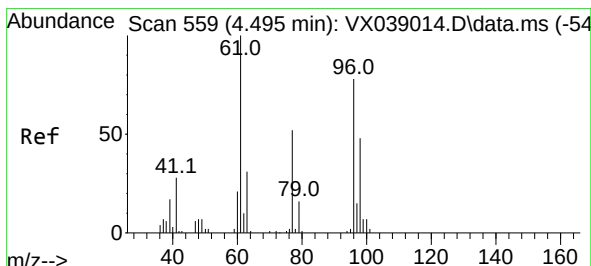
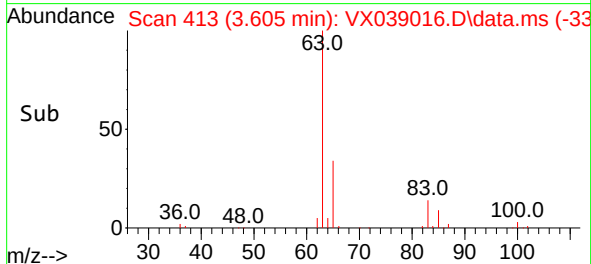
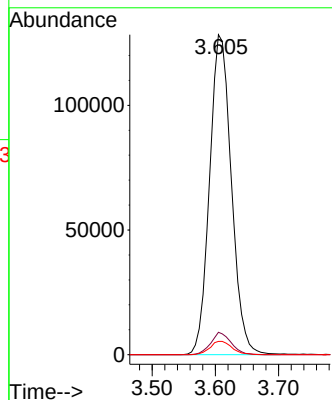
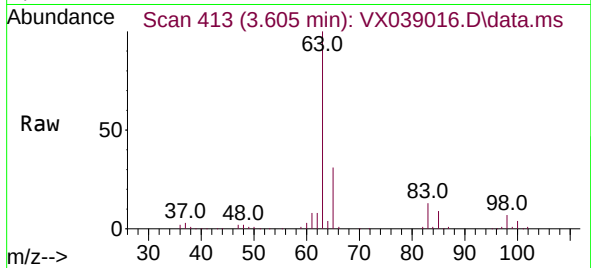




#21  
1,1-Dichloroethane  
Concen: 96.029 ug/l  
RT: 3.605 min Scan# 414  
Delta R.T. -0.006 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

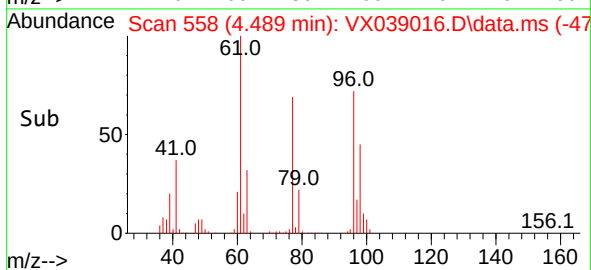
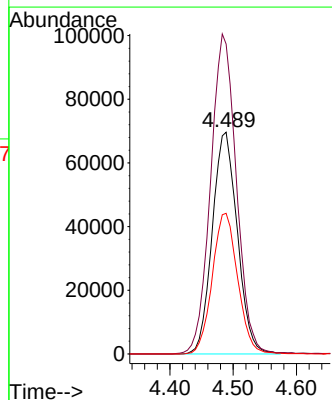
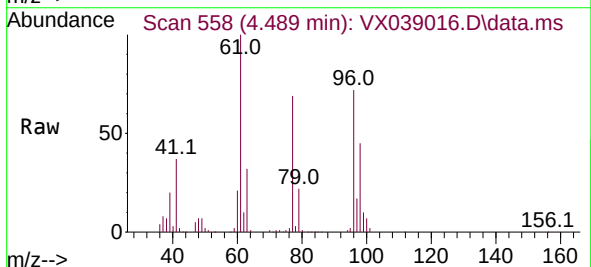
Instrument :  
MSVOA\_X  
ClientSampleId :

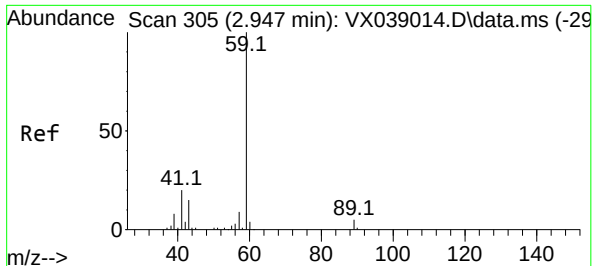
Tgt Ion: 63 Resp: 307641  
Ion Ratio Lower Upper  
63 100  
98 7.0 2.9 8.8  
100 4.1 2.0 5.8



#22  
cis-1,2-Dichloroethene  
Concen: 95.990 ug/l  
RT: 4.489 min Scan# 558  
Delta R.T. -0.006 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

Tgt Ion: 96 Resp: 191898  
Ion Ratio Lower Upper  
96 100  
61 148.1 119.8 179.6  
98 64.2 50.9 76.3

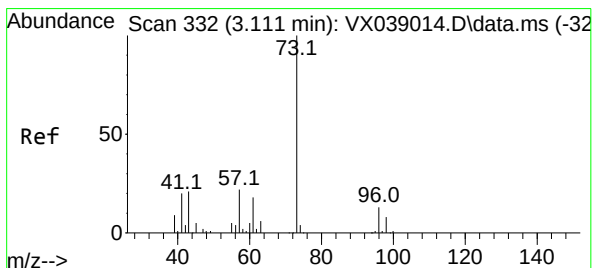
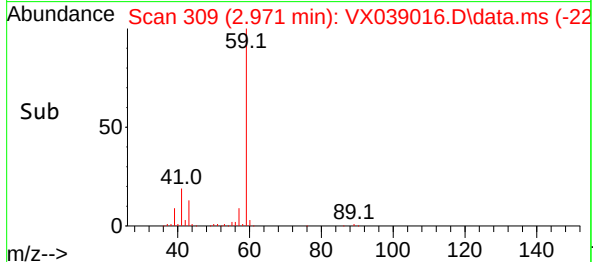
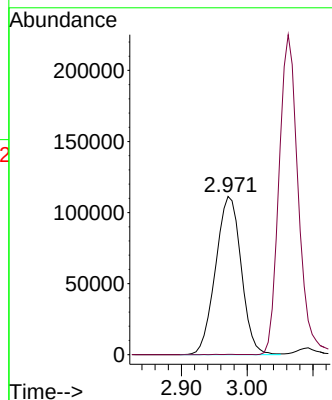
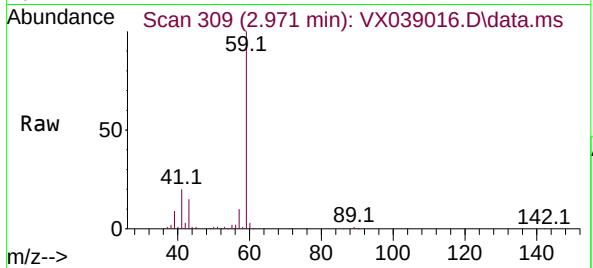




#23  
tert-Butyl Alcohol  
Concen: 468.951 ug/l  
RT: 2.971 min Scan# 309  
Delta R.T. 0.024 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

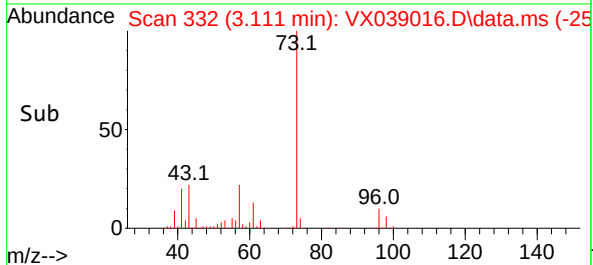
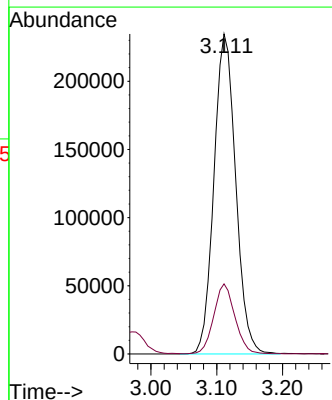
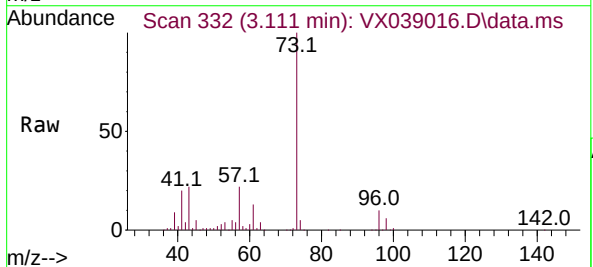
Instrument :  
MSVOA\_X  
ClientSampleId :

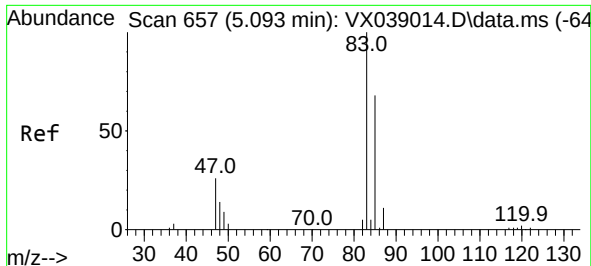
Tgt Ion: 59 Resp: 302056  
Ion Ratio Lower Upper  
59 100  
52 0.1 0.0 0.0#



#24  
Methyl tert-Butyl Ether  
Concen: 96.118 ug/l  
RT: 3.111 min Scan# 332  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

Tgt Ion: 73 Resp: 540042  
Ion Ratio Lower Upper  
73 100  
43 21.1 17.0 25.6

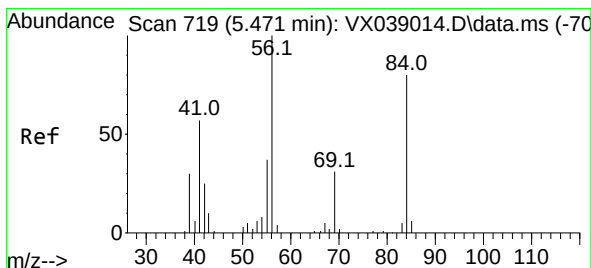
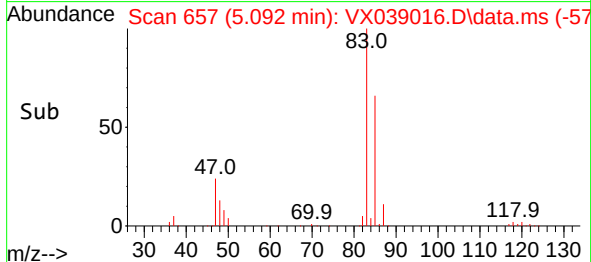
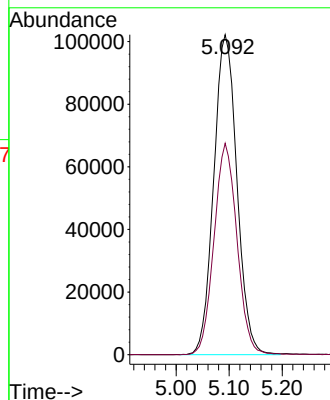
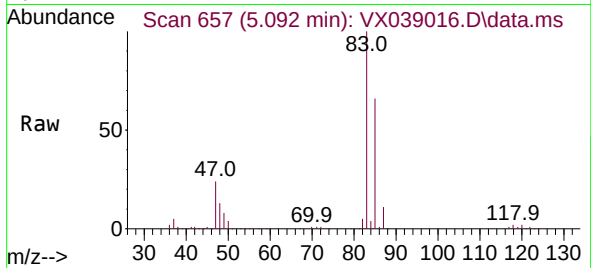




#25  
Chloroform  
Concen: 96.694 ug/l  
RT: 5.092 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

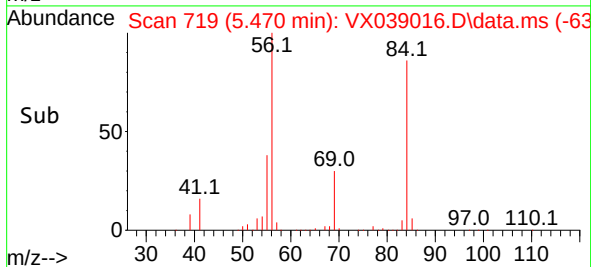
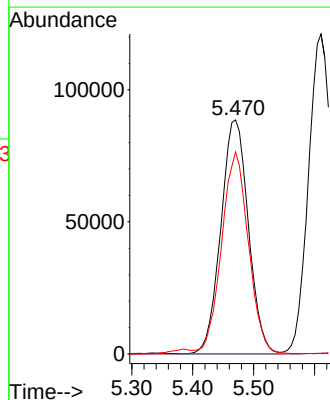
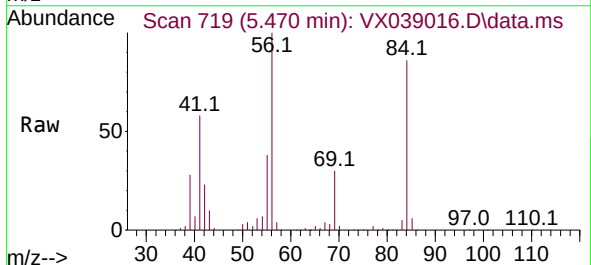
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 83 Resp: 310908  
Ion Ratio Lower Upper  
83 100  
85 66.1 54.6 81.8

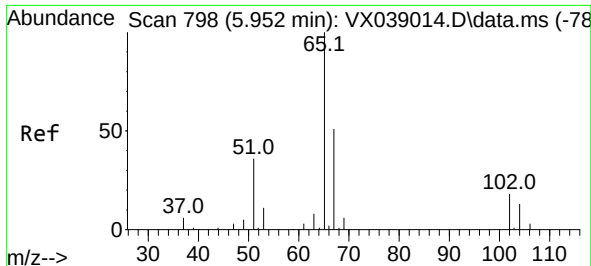


#26  
Cyclohexane  
Concen: 96.021 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

Tgt Ion: 56 Resp: 278420  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 84.3 67.2 100.8







#27

1,2-Dichloroethane-d4

Concen: 28.702 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

Instrument :

MSVOA\_X

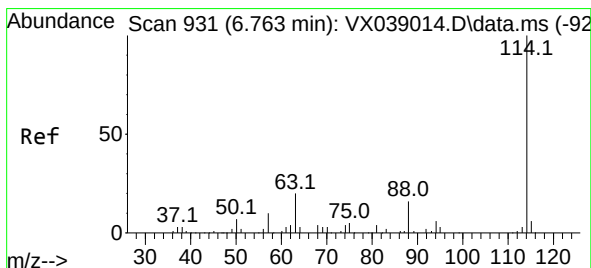
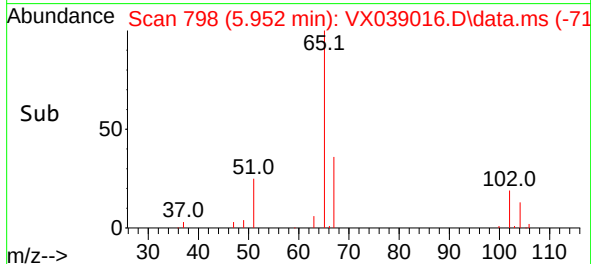
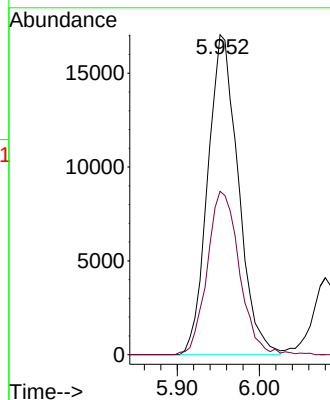
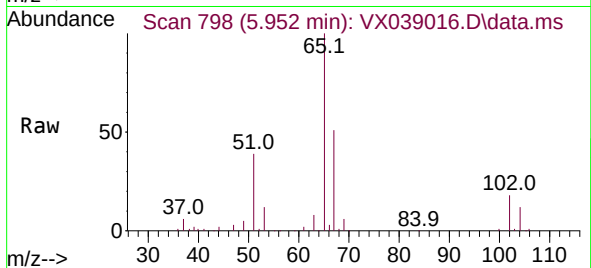
ClientSampleId :

Tgt Ion: 65 Resp: 44029

Ion Ratio Lower Upper

65 100

67 53.0 42.5 63.7



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

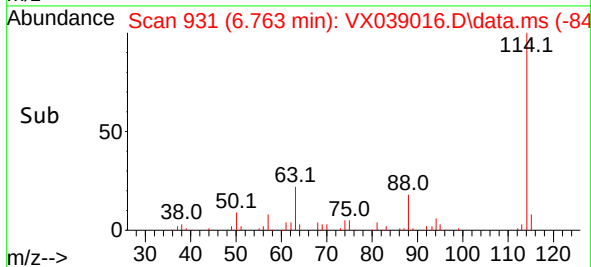
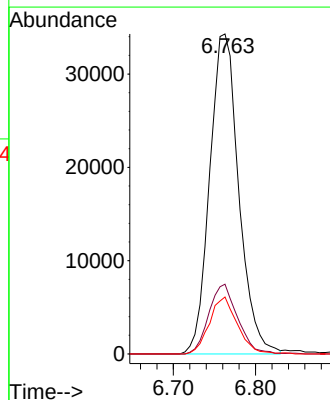
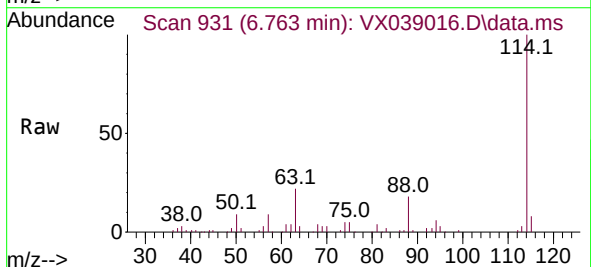
Tgt Ion: 114 Resp: 84370

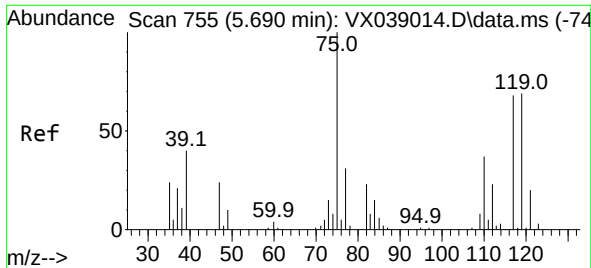
Ion Ratio Lower Upper

114 100

63 21.5 17.0 25.4

88 17.1 12.7 19.1





#29

1,1-Dichloropropene

Concen: 100.423 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

Instrument :

MSVOA\_X

ClientSampleId :

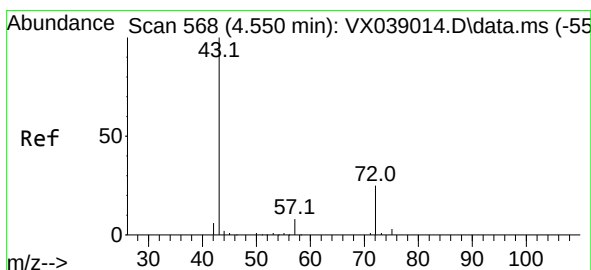
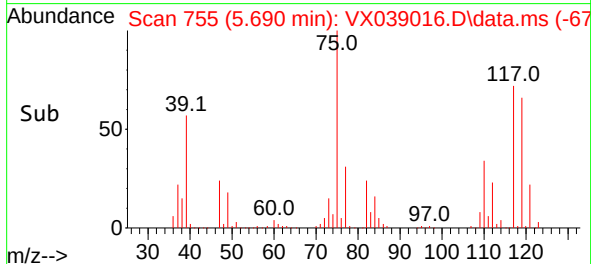
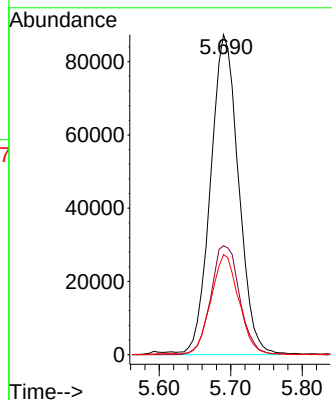
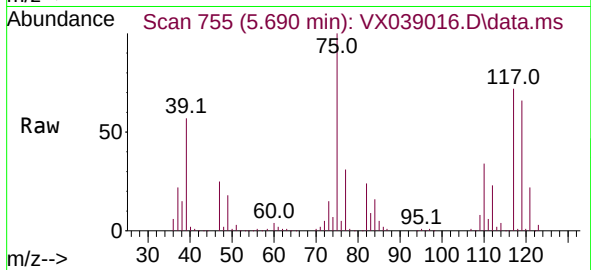
Tgt Ion: 75 Resp: 237512

Ion Ratio Lower Upper

75 100

110 35.2 0.0 71.2

77 31.3 0.0 62.6



#30

2-Butanone

Concen: 483.869 ug/l

RT: 4.550 min Scan# 568

Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

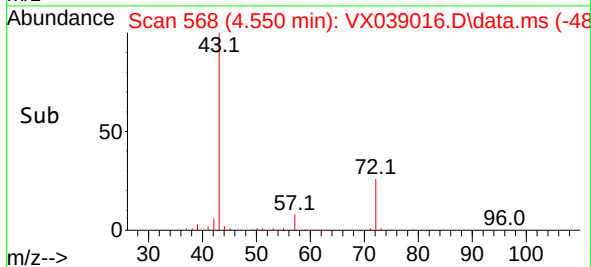
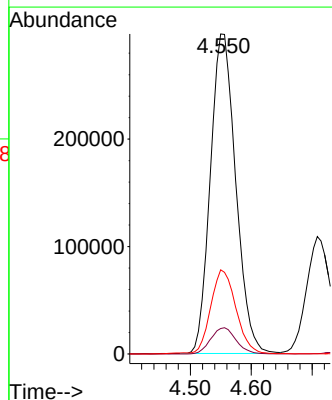
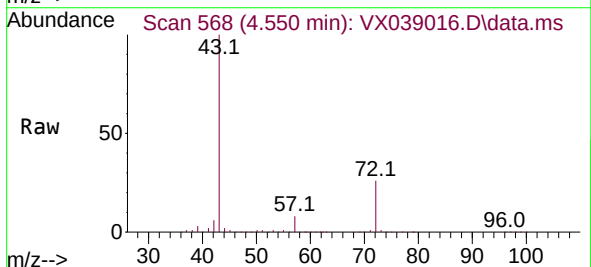
Tgt Ion: 43 Resp: 861628

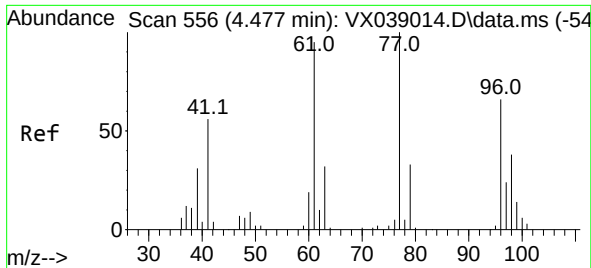
Ion Ratio Lower Upper

43 100

57 8.2 6.6 10.0

72 26.2 20.6 31.0





#31

2,2-Dichloropropane

Concen: 101.101 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

Instrument :

MSVOA\_X

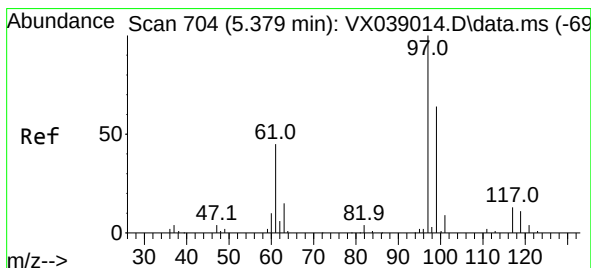
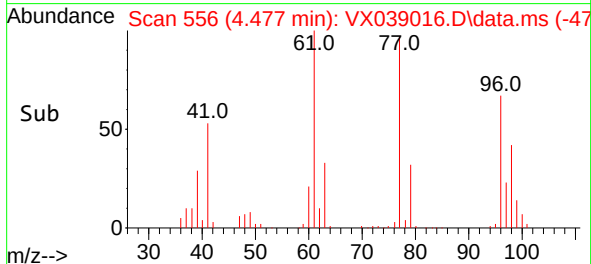
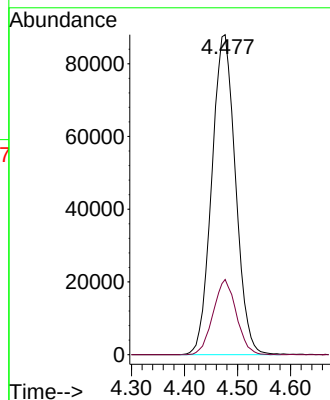
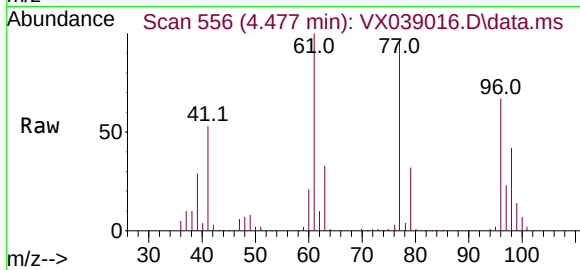
ClientSampleId :

Tgt Ion: 77 Resp: 273396

Ion Ratio Lower Upper

77 100

97 22.9 18.2 27.4



#32

1,1,1-Trichloroethane

Concen: 101.971 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

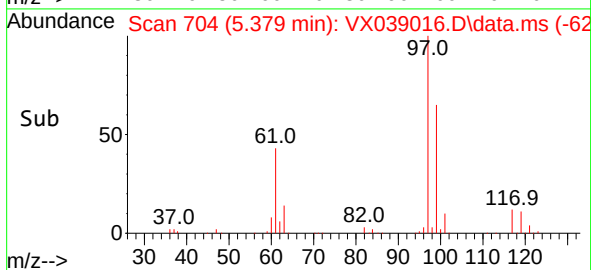
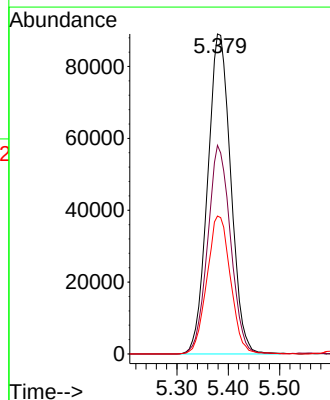
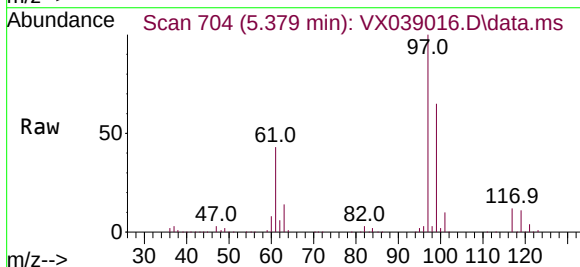
Tgt Ion: 97 Resp: 278753

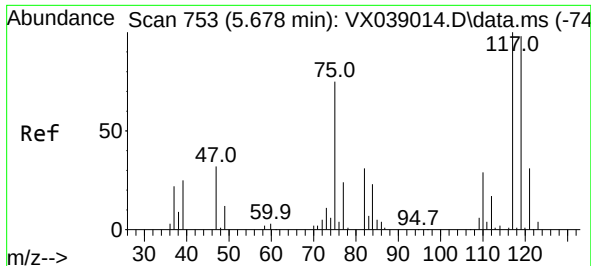
Ion Ratio Lower Upper

97 100

99 64.5 52.6 79.0

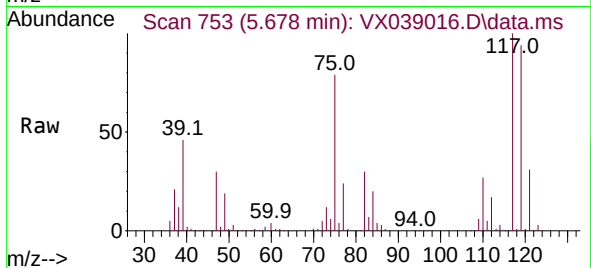
61 44.0 36.9 55.3



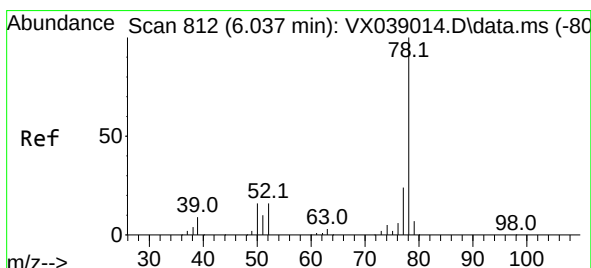
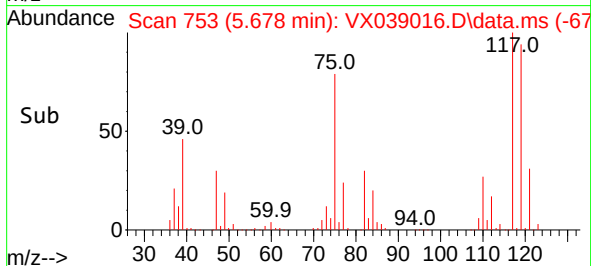
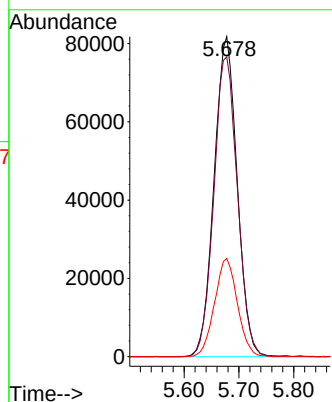


#33  
Carbon Tetrachloride  
Concen: 103.813 ug/l  
RT: 5.678 min Scan# 753  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

Instrument :  
MSVOA\_X  
ClientSampleId :

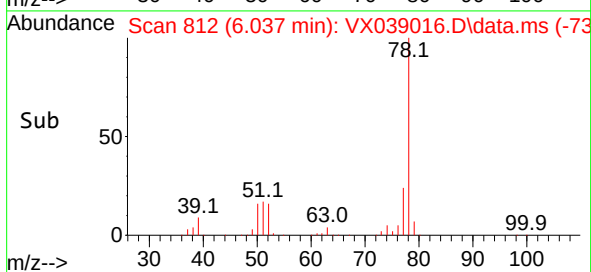
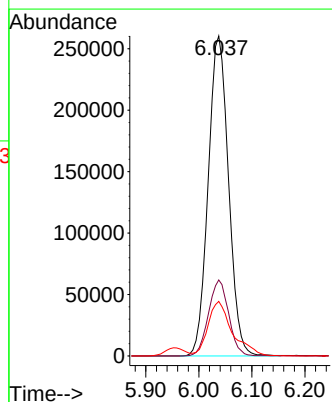
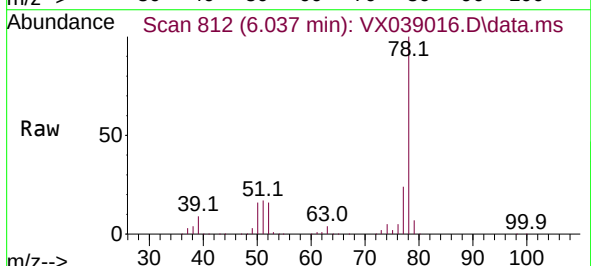


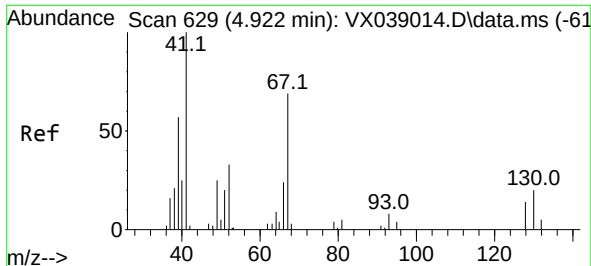
Tgt Ion:117 Resp: 239044  
Ion Ratio Lower Upper  
117 100  
119 93.7 78.2 117.4  
121 30.7 24.7 37.1



#34  
Benzene  
Concen: 100.678 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

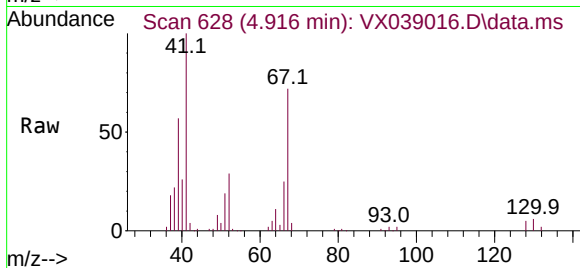
Tgt Ion: 78 Resp: 693649  
Ion Ratio Lower Upper  
78 100  
77 23.8 19.3 28.9  
51 17.0 14.4 21.6



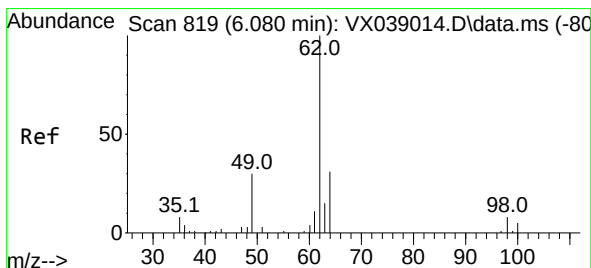
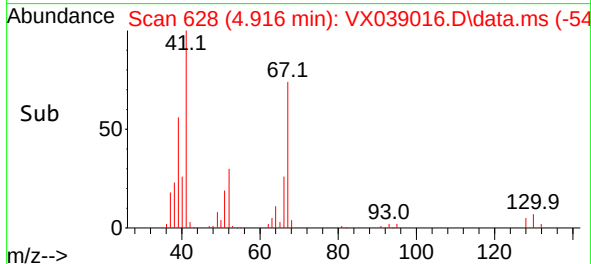
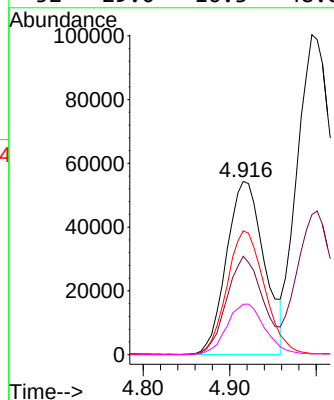


#35  
Methacrylonitrile  
Concen: 104.579 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

Instrument :  
MSVOA\_X  
ClientSampleId :

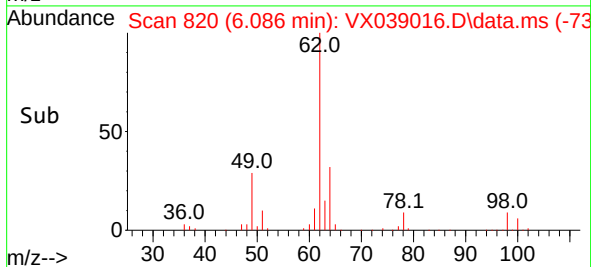
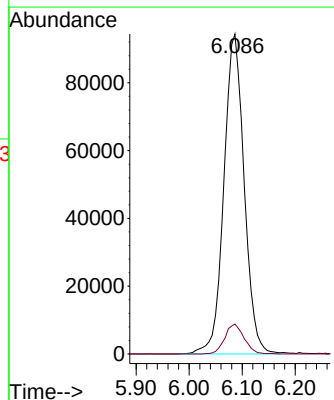
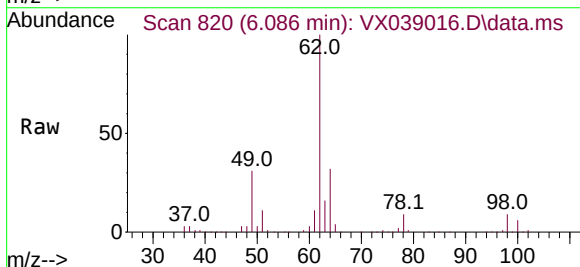


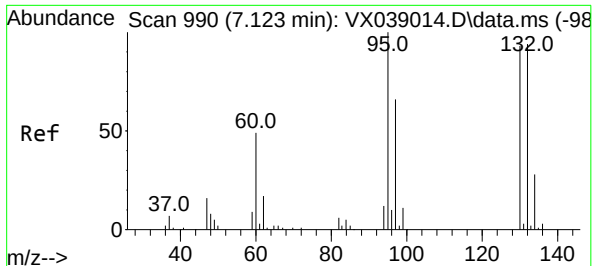
|             |              |
|-------------|--------------|
| Tgt Ion: 41 | Resp: 164956 |
| Ion Ratio   | Lower Upper  |
| 41 100      |              |
| 39 56.7     | 28.2 84.7    |
| 67 71.6     | 34.5 103.5   |
| 52 29.0     | 16.3 48.8    |



#36  
1,2-Dichloroethane  
Concen: 99.334 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.006 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

|             |              |
|-------------|--------------|
| Tgt Ion: 62 | Resp: 251119 |
| Ion Ratio   | Lower Upper  |
| 62 100      |              |
| 98 8.9      | 7.0 10.4     |





#37

Trichloroethene

Concen: 99.961 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

Instrument :

MSVOA\_X

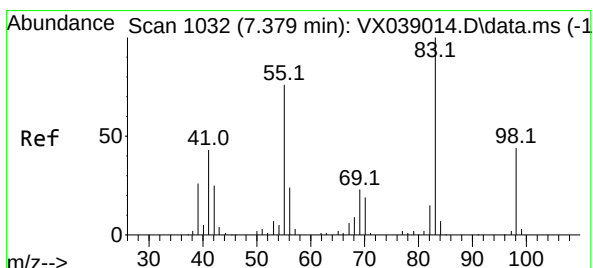
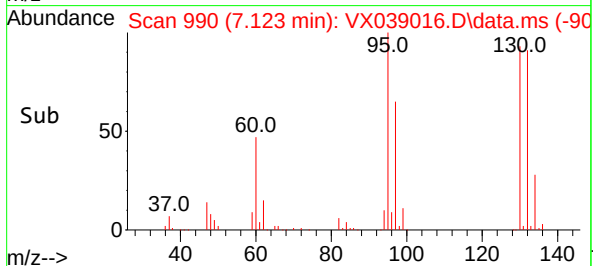
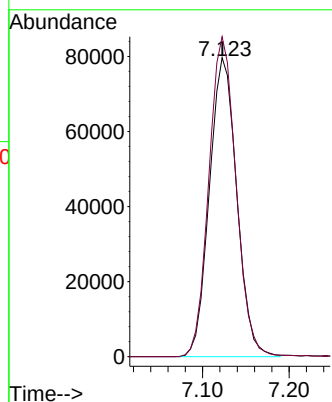
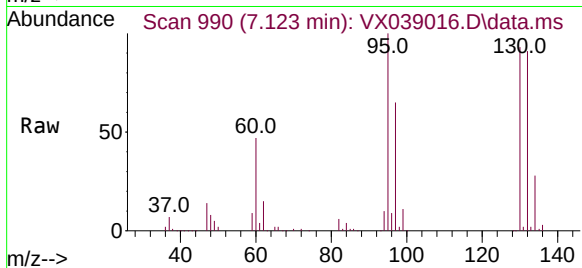
ClientSampleId :

Tgt Ion:130 Resp: 174798

Ion Ratio Lower Upper

130 100

95 106.9 85.8 128.8



#38

Methylcyclohexane

Concen: 101.586 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

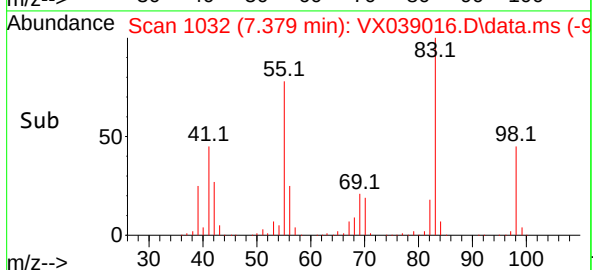
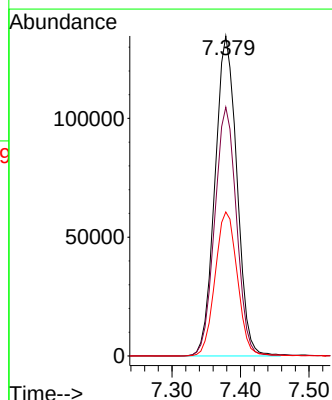
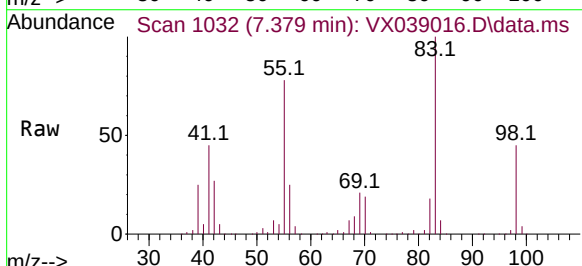
Tgt Ion: 83 Resp: 299366

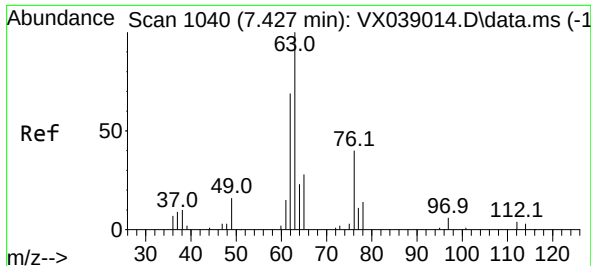
Ion Ratio Lower Upper

83 100

55 77.1 38.6 116.0

98 45.8 22.3 66.8





#39

1,2-Dichloropropane

Concen: 100.576 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

Instrument :

MSVOA\_X

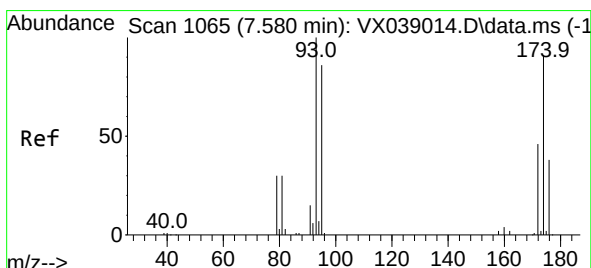
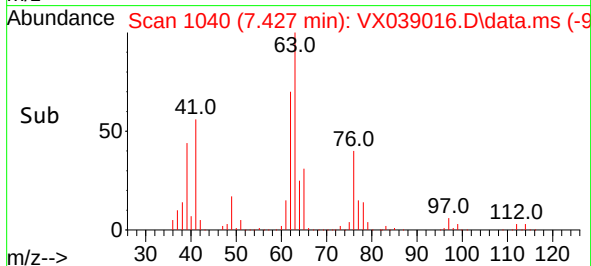
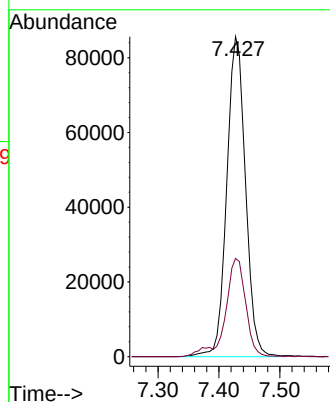
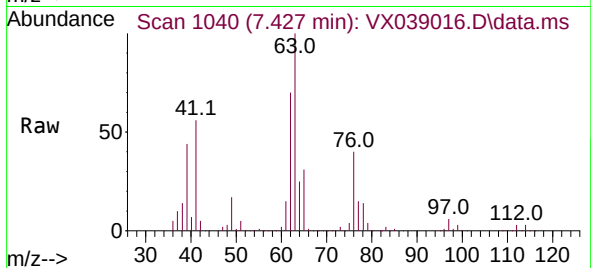
ClientSampleId :

Tgt Ion: 63 Resp: 182752

Ion Ratio Lower Upper

63 100

65 30.6 24.6 37.0



#40

Dibromomethane

Concen: 99.535 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

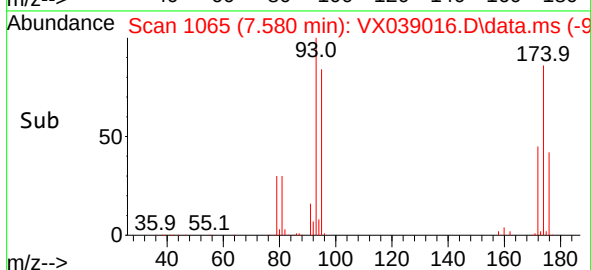
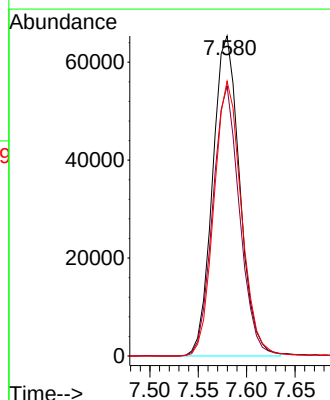
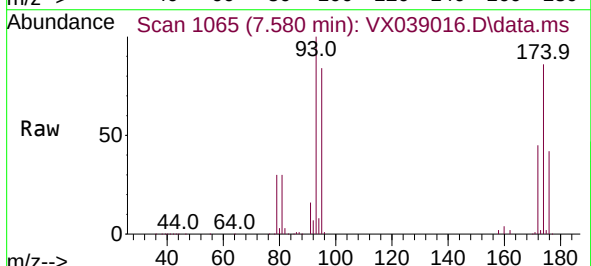
Tgt Ion: 93 Resp: 127786

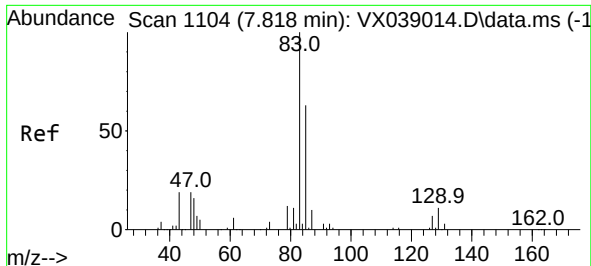
Ion Ratio Lower Upper

93 100

95 83.1 0.0 163.4

174 86.4 0.0 166.4

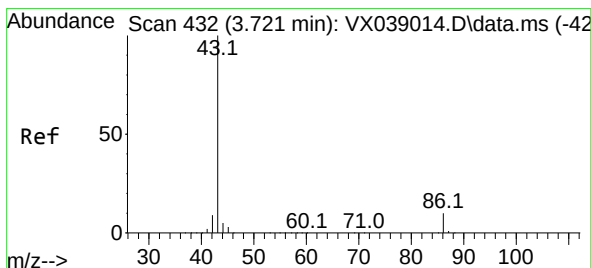
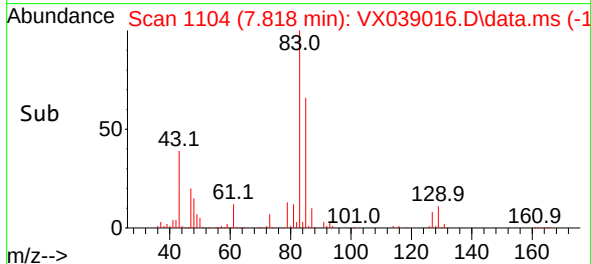
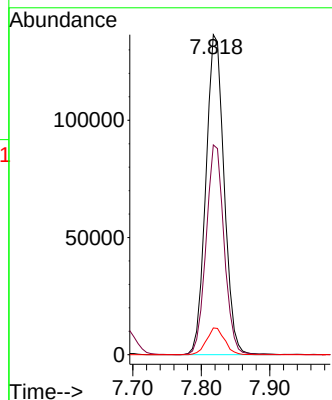
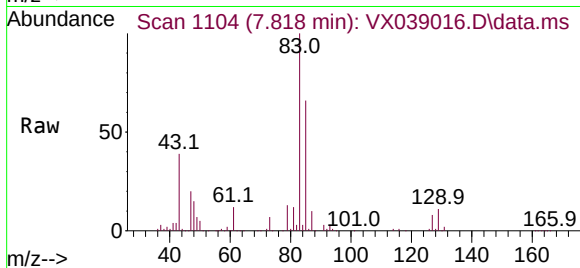




#41  
Bromodichloromethane  
Concen: 102.429 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

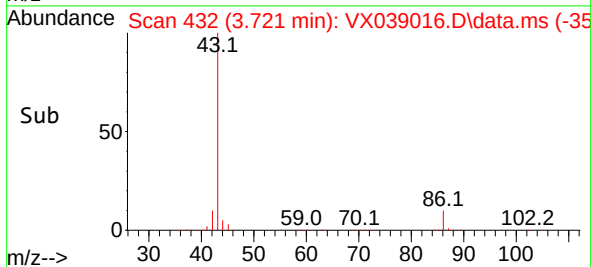
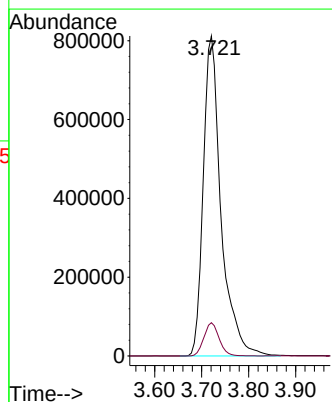
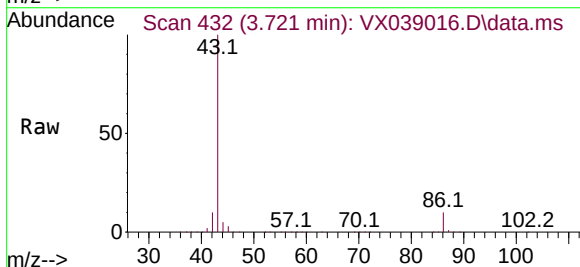
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 83 Resp: 252634  
Ion Ratio Lower Upper  
83 100  
85 65.5 50.8 76.2  
127 8.3 5.9 8.9

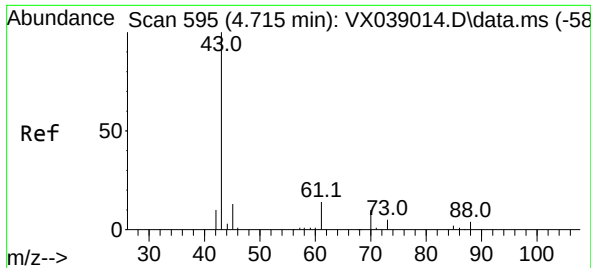


#42  
Vinyl Acetate  
Concen: 503.578 ug/l  
RT: 3.721 min Scan# 432  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

Tgt Ion: 43 Resp: 2135817  
Ion Ratio Lower Upper  
43 100  
86 8.9 6.7 10.1



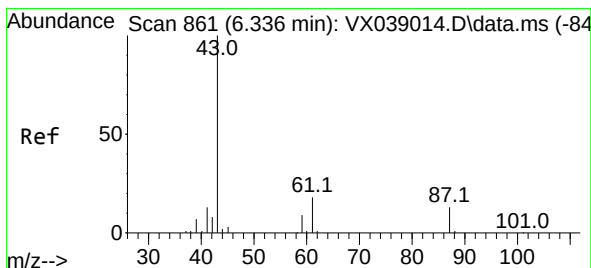
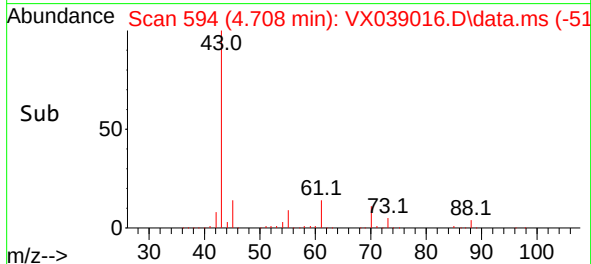
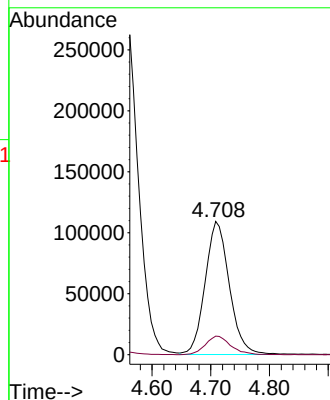
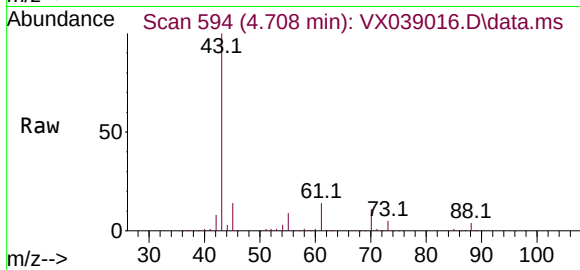




#43  
Ethyl Acetate  
Concen: 101.728 ug/l  
RT: 4.708 min Scan# 594  
Delta R.T. -0.006 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

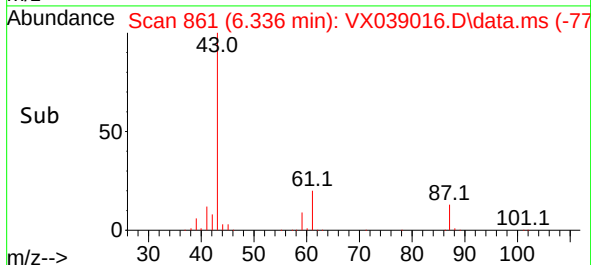
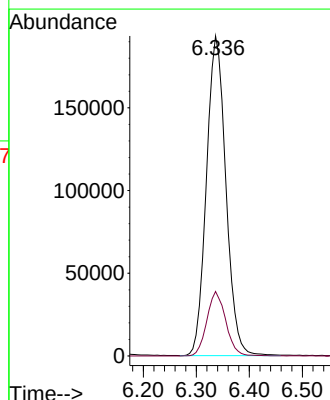
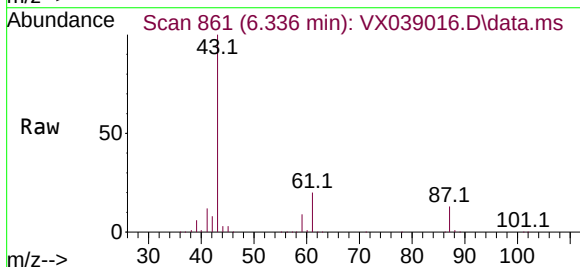
Instrument :  
MSVOA\_X  
ClientSampleId :

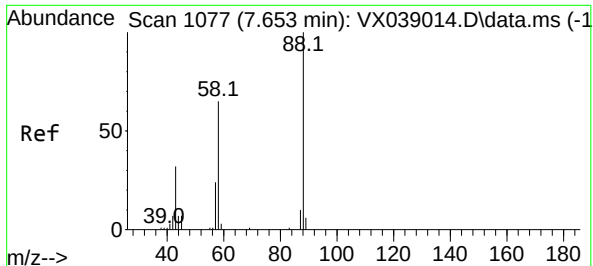
Tgt Ion: 43 Resp: 311650  
Ion Ratio Lower Upper  
43 100  
45 14.4 11.8 17.8



#44  
Isopropyl Acetate  
Concen: 101.959 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

Tgt Ion: 43 Resp: 492403  
Ion Ratio Lower Upper  
43 100  
61 19.7 15.6 23.4

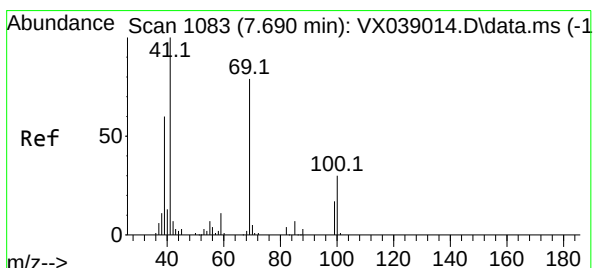
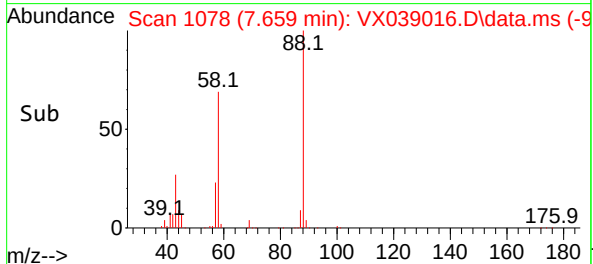
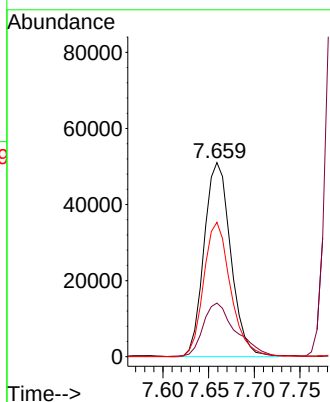
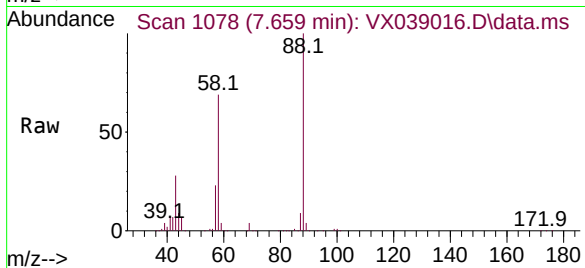




#45  
1,4-Dioxane  
Concen: 2104.321 ug/l  
RT: 7.659 min Scan# 1077  
Delta R.T. 0.006 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

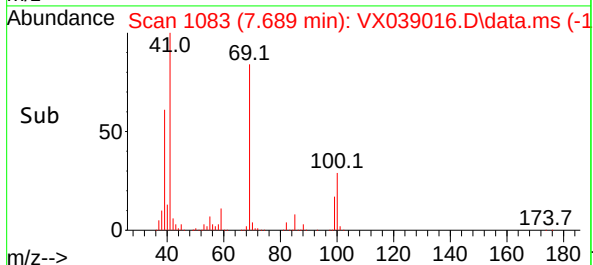
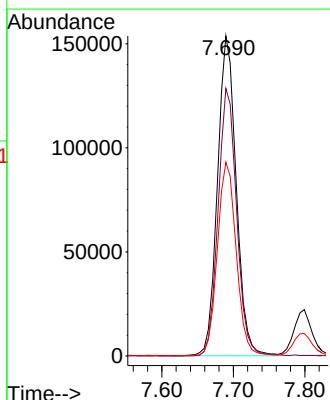
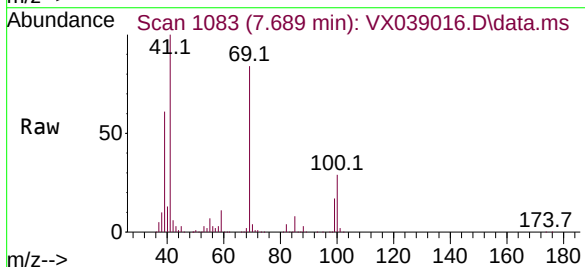
Instrument :  
MSVOA\_X  
ClientSampleId :

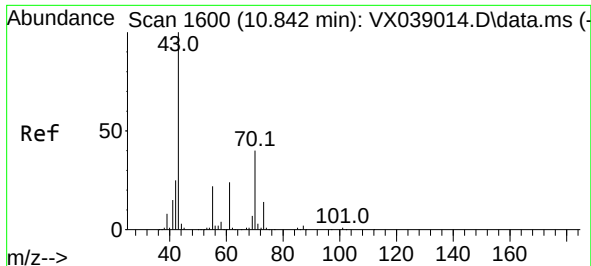
Tgt Ion: 88 Resp: 103746  
Ion Ratio Lower Upper  
88 100  
43 33.6 28.1 42.1  
58 69.9 57.7 86.5



#46  
Methyl methacrylate  
Concen: 101.113 ug/l  
RT: 7.689 min Scan# 1083  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

Tgt Ion: 41 Resp: 279192  
Ion Ratio Lower Upper  
41 100  
69 83.7 39.6 118.8  
39 60.5 30.1 90.3

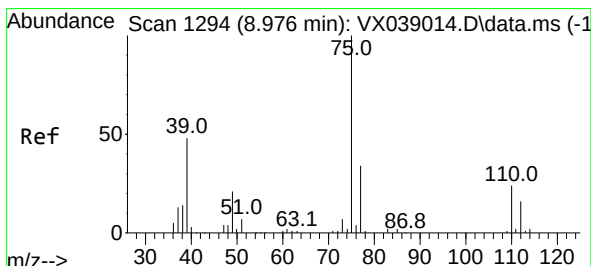
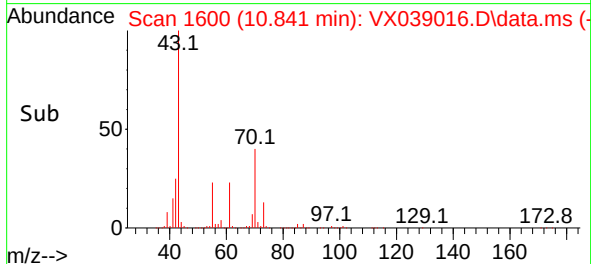
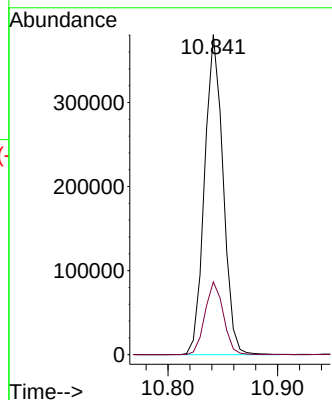
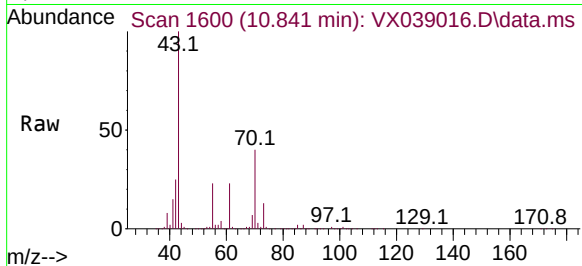




#47  
n-amy1 Acetate  
Concen: 108.933 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

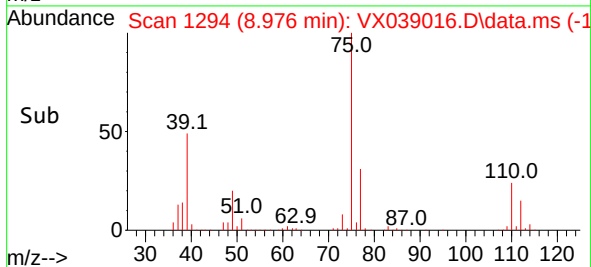
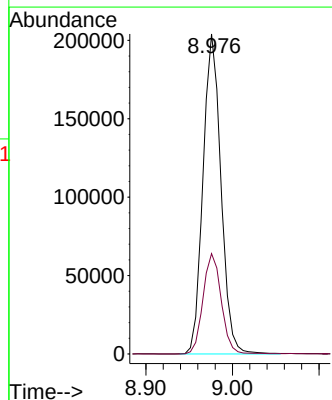
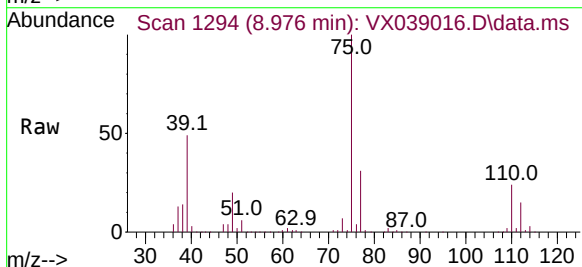
Instrument :  
MSVOA\_X  
ClientSampleId :

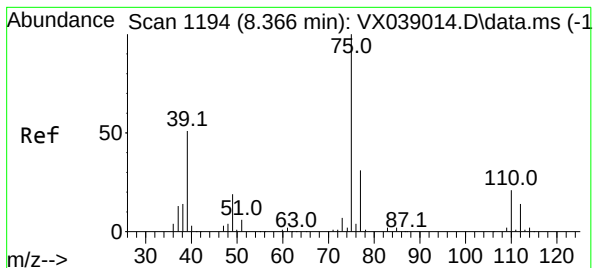
Tgt Ion: 43 Resp: 445277  
Ion Ratio Lower Upper  
43 100  
55 22.6 18.2 27.2



#48  
t-1,3-Dichloropropene  
Concen: 102.640 ug/l  
RT: 8.976 min Scan# 1294  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

Tgt Ion: 75 Resp: 293535  
Ion Ratio Lower Upper  
75 100  
77 31.3 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 102.983 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

Instrument :

MSVOA\_X

ClientSampleId :

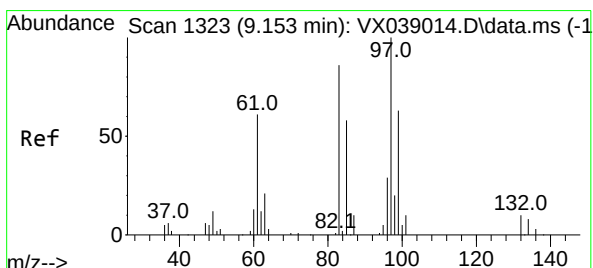
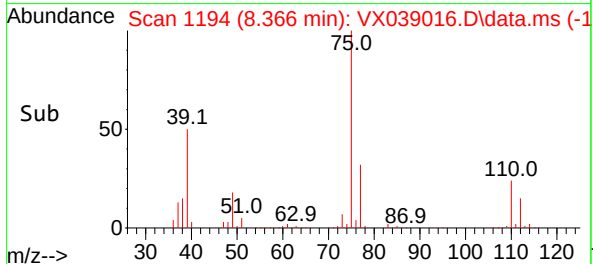
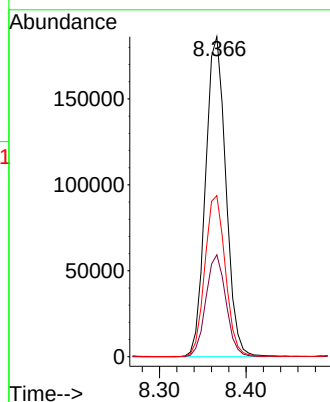
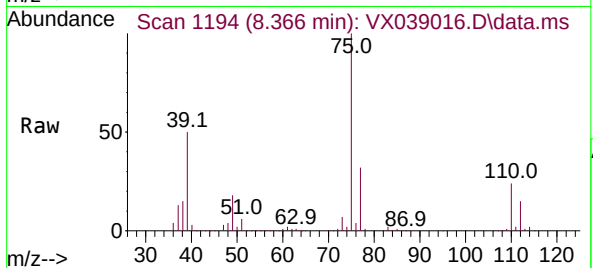
Tgt Ion: 75 Resp: 303824

Ion Ratio Lower Upper

75 100

77 31.8 24.4 36.6

39 50.3 40.6 60.8



#50

1,1,2-Trichloroethane

Concen: 102.187 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

Tgt Ion: 97 Resp: 178214

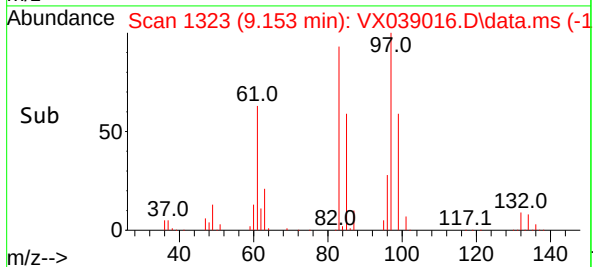
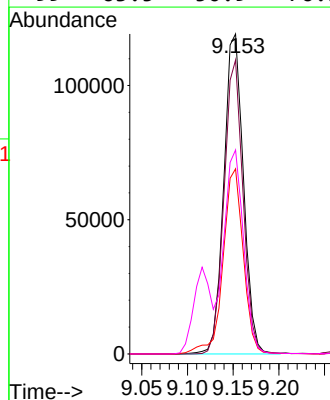
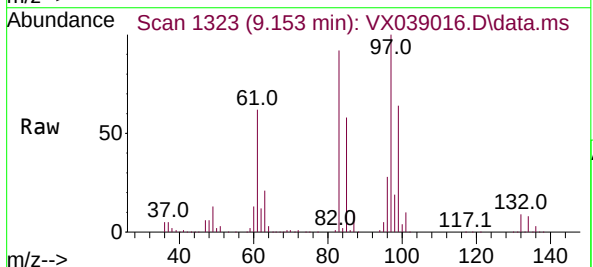
Ion Ratio Lower Upper

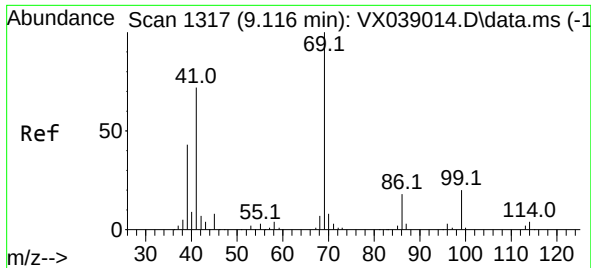
97 100

83 91.8 69.0 103.6

85 57.7 46.3 69.5

99 63.5 50.9 76.3

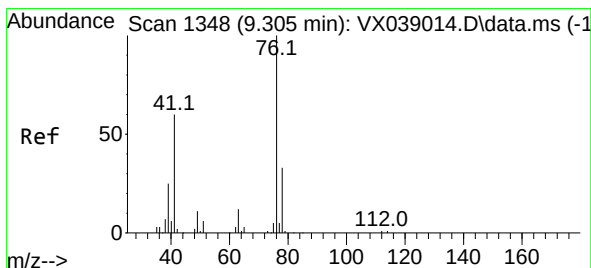
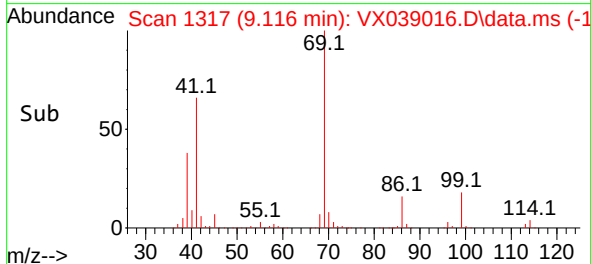
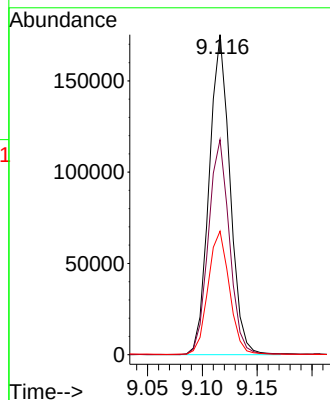
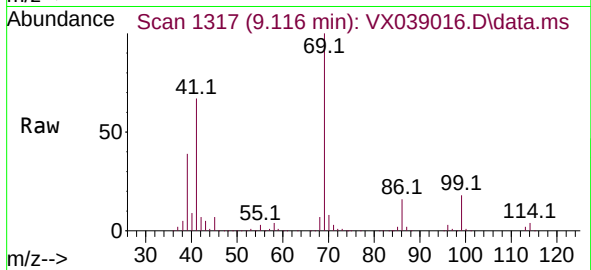




#51  
Ethyl methacrylate  
Concen: 106.266 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

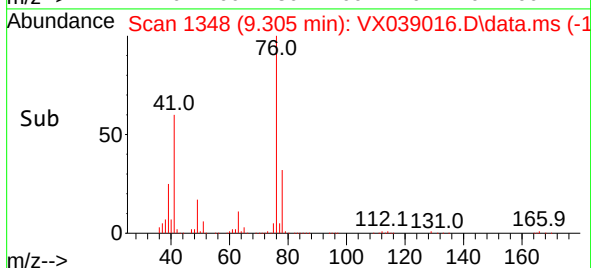
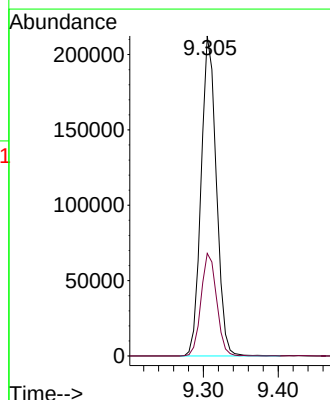
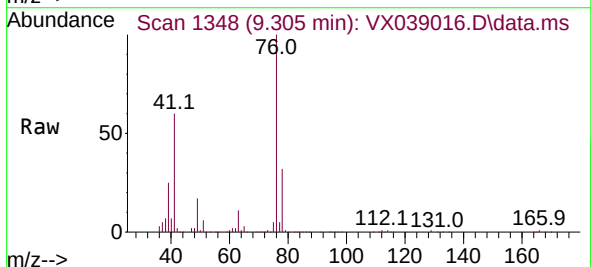
Instrument :  
MSVOA\_X  
ClientSampleId :

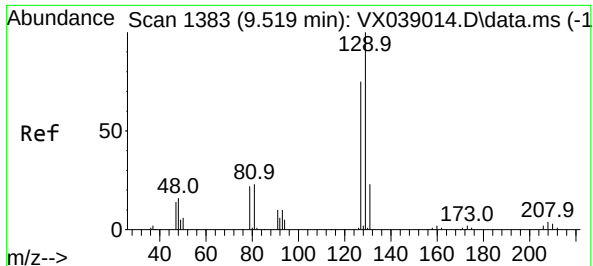
Tgt Ion: 69 Resp: 231991  
Ion Ratio Lower Upper  
69 100  
41 67.1 36.2 108.6  
39 38.4 21.1 63.4



#52  
1,3-Dichloropropane  
Concen: 100.541 ug/l  
RT: 9.305 min Scan# 1348  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

Tgt Ion: 76 Resp: 300665  
Ion Ratio Lower Upper  
76 100  
78 32.6 0.0 65.0

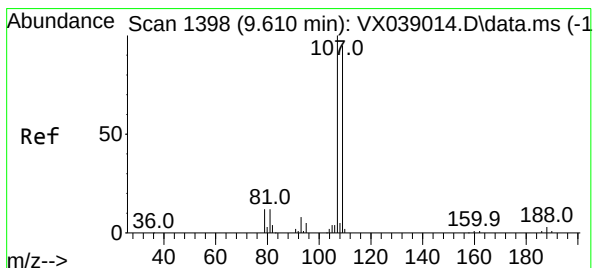
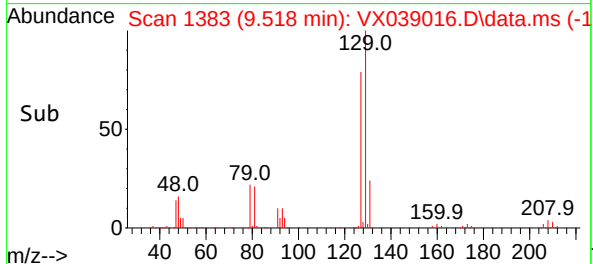
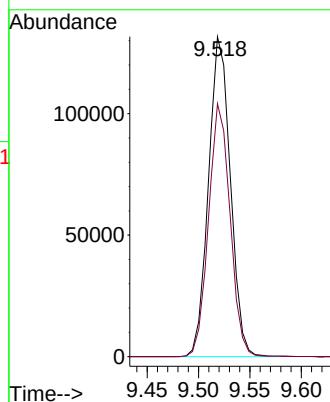
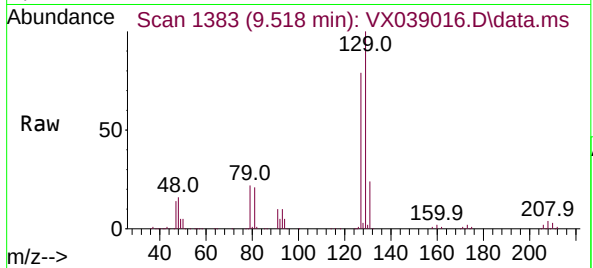




#53  
Dibromochloromethane  
Concen: 103.878 ug/l  
RT: 9.518 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

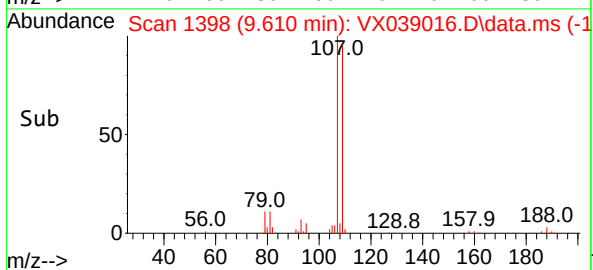
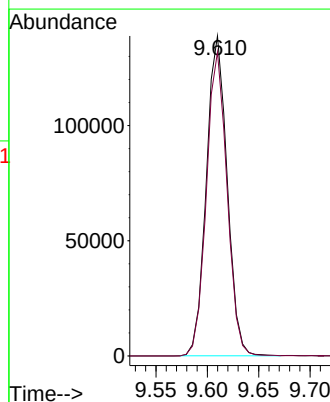
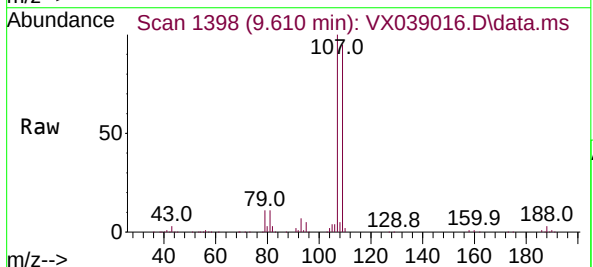
Instrument :  
MSVOA\_X  
ClientSampleId :

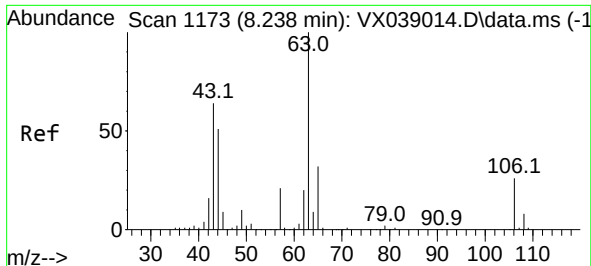
Tgt Ion:129 Resp: 194562  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.3 114.9



#54  
1,2-Dibromoethane  
Concen: 102.198 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

Tgt Ion:107 Resp: 195457  
Ion Ratio Lower Upper  
107 100  
109 94.3 75.1 112.7





#55

2-Chloroethyl vinyl ether

Concen: 544.034 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

Instrument :

MSVOA\_X

ClientSampleId :

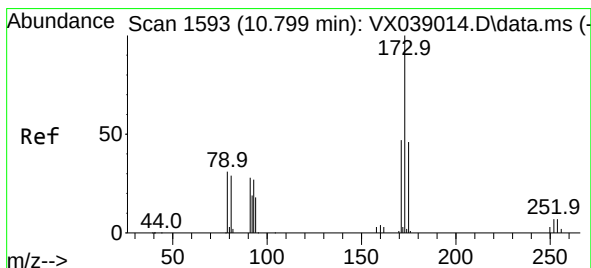
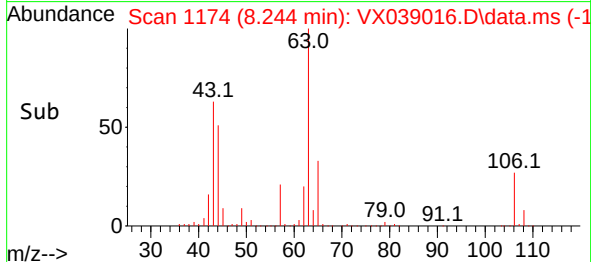
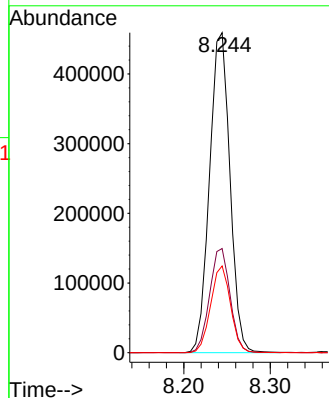
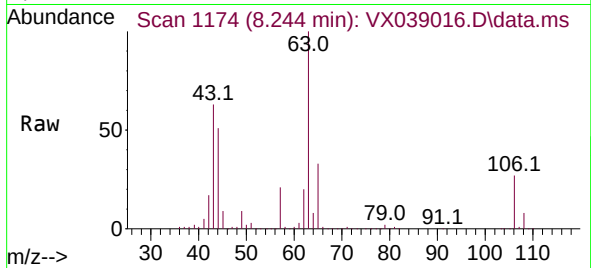
Tgt Ion: 63 Resp: 752387

Ion Ratio Lower Upper

63 100

65 32.7 25.8 38.6

106 26.4 20.6 31.0



#56

Bromoform

Concen: 109.003 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

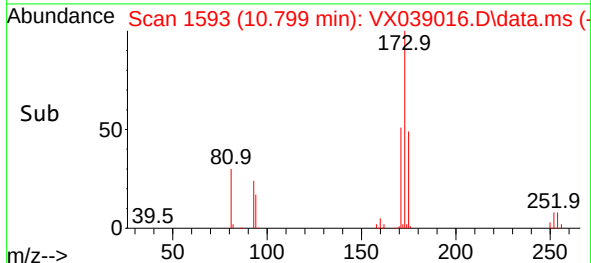
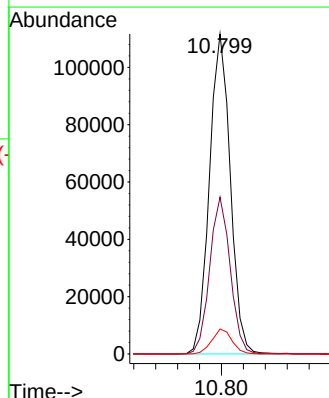
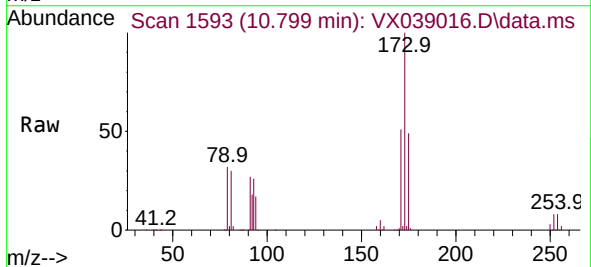
Tgt Ion:173 Resp: 147349

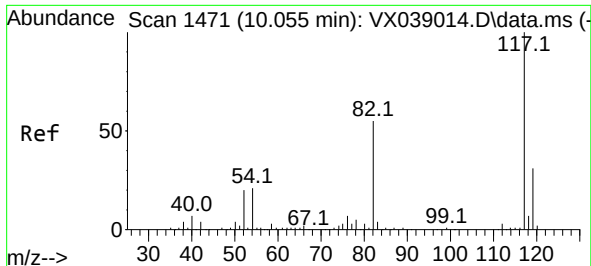
Ion Ratio Lower Upper

173 100

175 48.2 37.6 56.4

254 7.6 5.8 8.8





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

Instrument :

MSVOA\_X

ClientSampleId :

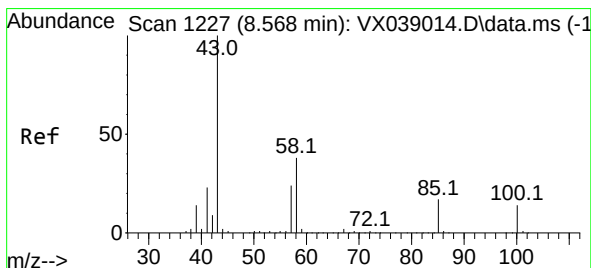
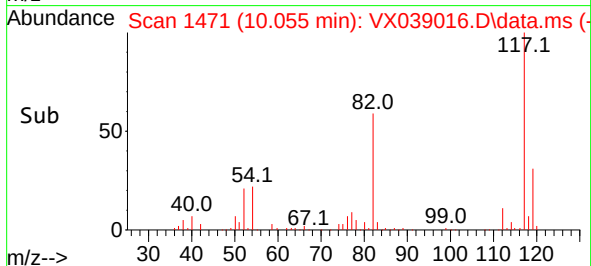
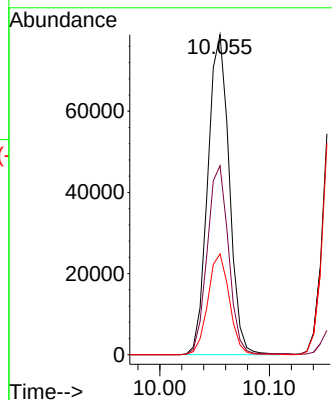
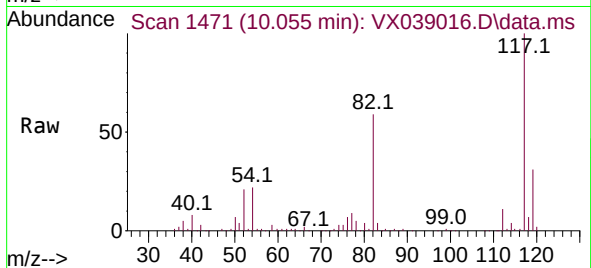
Tgt Ion:117 Resp: 107288

Ion Ratio Lower Upper

117 100

82 58.9 47.0 70.6

119 31.4 25.2 37.8



#58

4-Methyl-2-Pentanone

Concen: 498.587 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

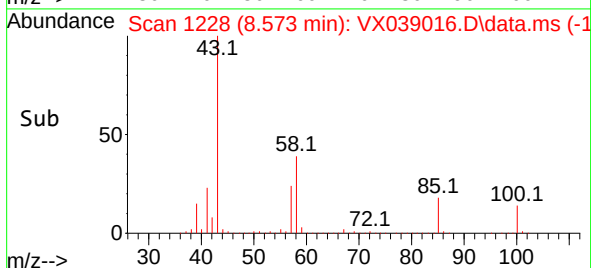
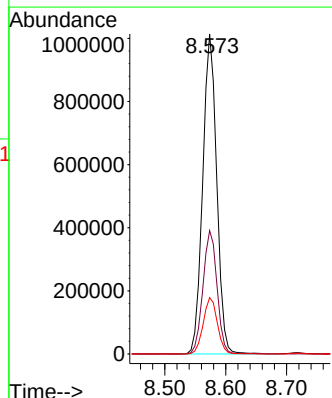
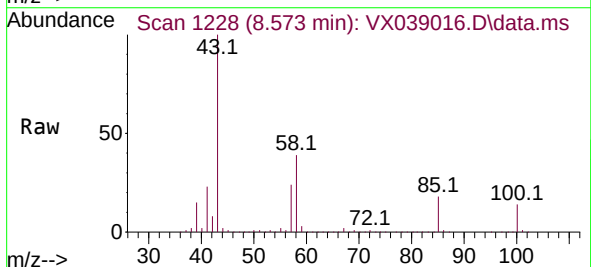
Tgt Ion: 43 Resp: 1622145

Ion Ratio Lower Upper

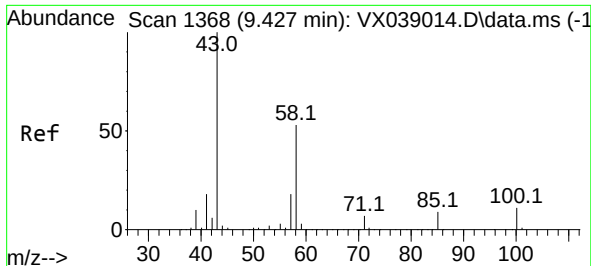
43 100

58 38.7 30.1 45.1

85 17.8 13.9 20.9







#59

2-Hexanone

Concen: 504.650 ug/l

RT: 9.433 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

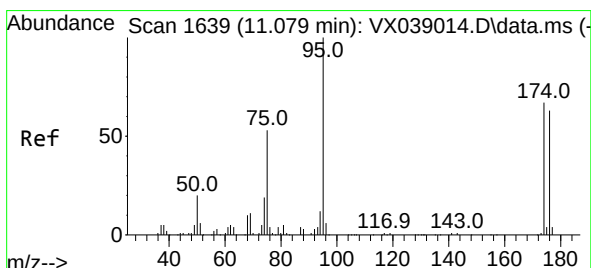
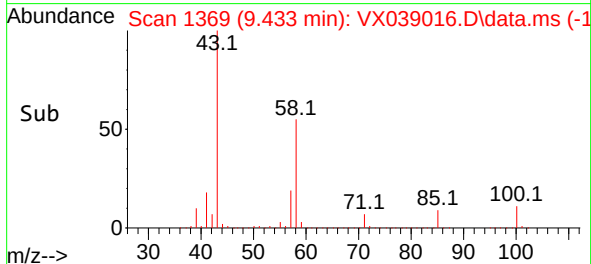
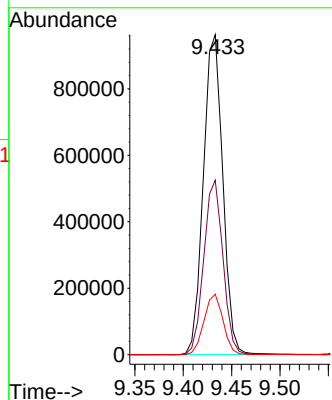
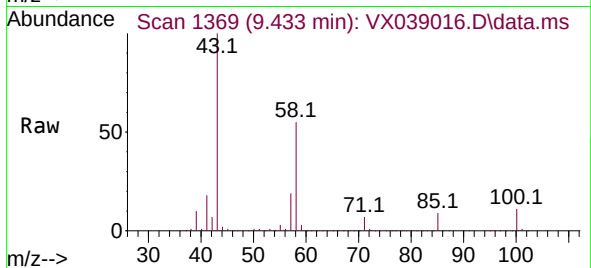
Instrument :

MSVOA\_X

ClientSampleId :

Tgt Ion: 43 Resp: 1347714

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 54.0  | 42.7  | 64.1  |
| 57  | 18.6  | 14.8  | 22.2  |



#60

4-Bromofluorobenzene

Concen: 30.496 ug/l

RT: 11.079 min Scan# 1639

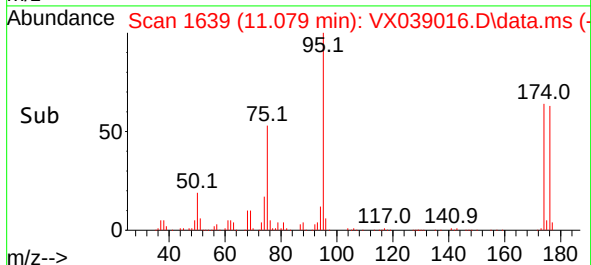
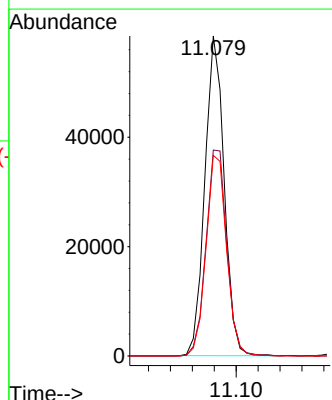
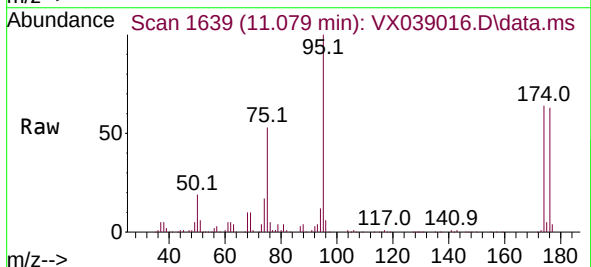
Delta R.T. -0.000 min

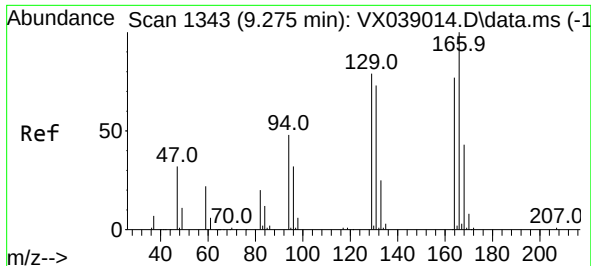
Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

Tgt Ion: 95 Resp: 71464

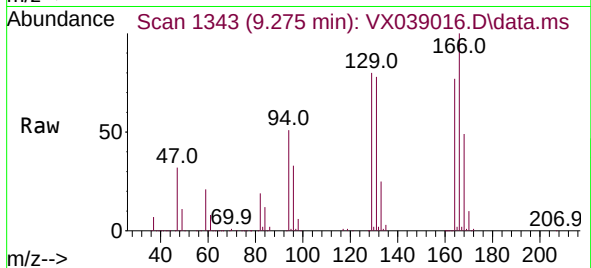
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 174 | 69.4  | 55.4  | 83.2  |
| 176 | 66.8  | 52.6  | 78.8  |



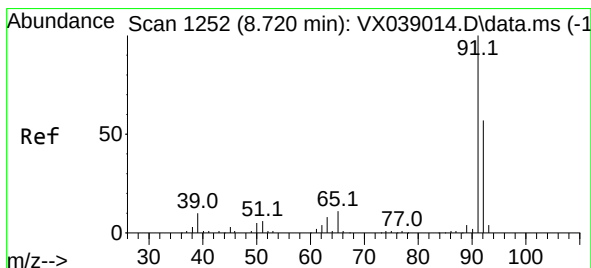
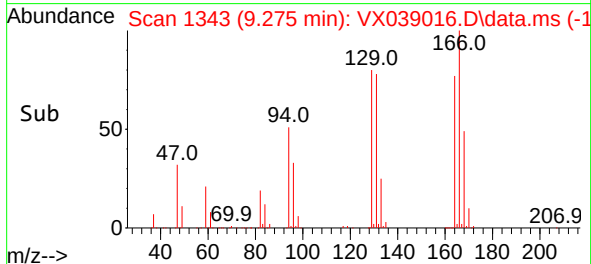
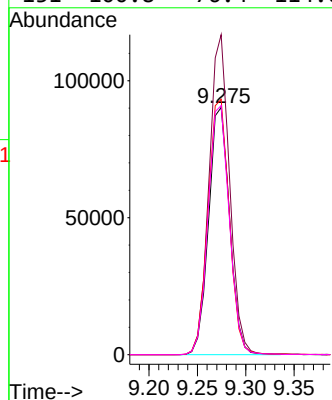


#61  
Tetrachloroethene  
Concen: 97.690 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

Instrument :  
MSVOA\_X  
ClientSampleId :

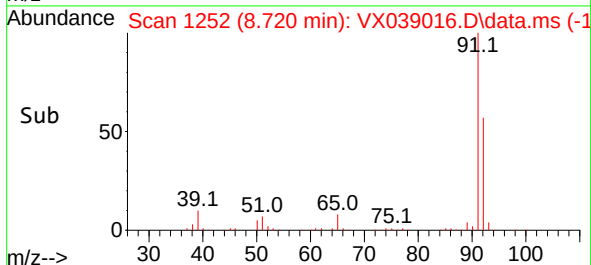
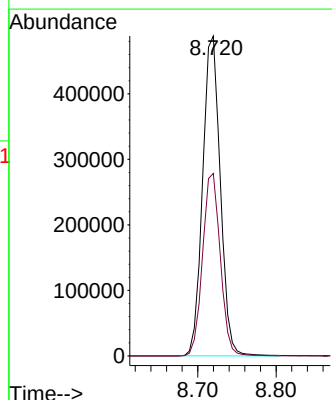
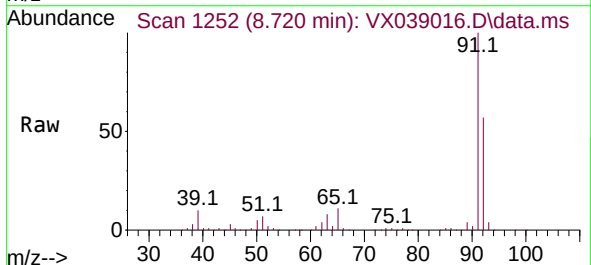


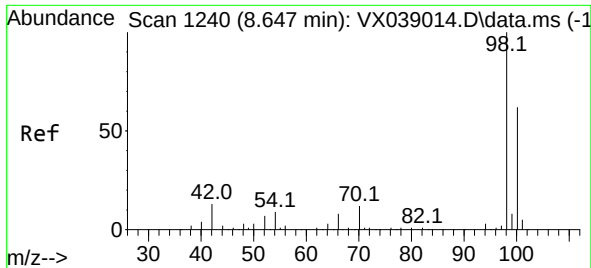
Tgt Ion:164 Resp: 136269  
Ion Ratio Lower Upper  
164 100  
166 129.4 104.0 156.0  
129 103.2 82.0 123.0  
131 100.8 76.4 114.6



#62  
Toluene  
Concen: 100.279 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

Tgt Ion: 91 Resp: 763834  
Ion Ratio Lower Upper  
91 100  
92 57.3 45.9 68.9

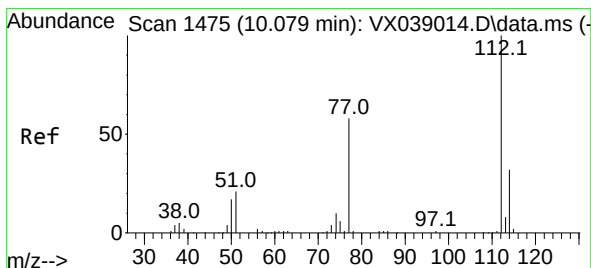
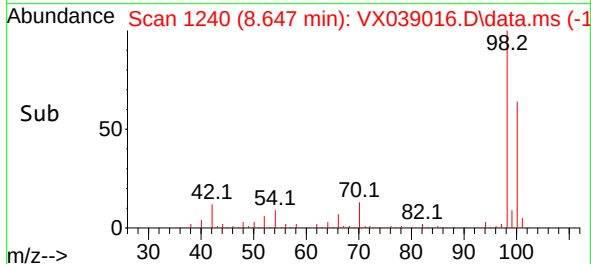
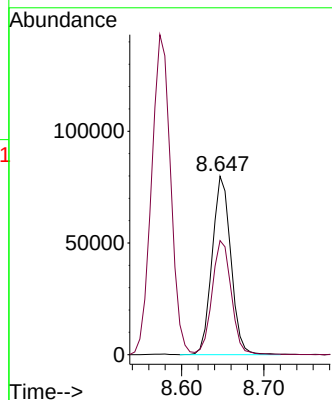
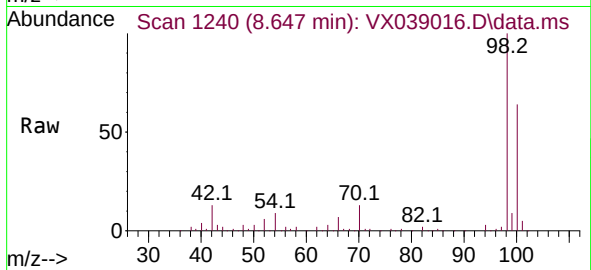




#63  
Toluene-d8  
Concen: 29.816 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

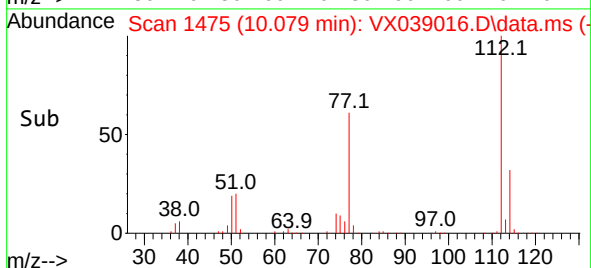
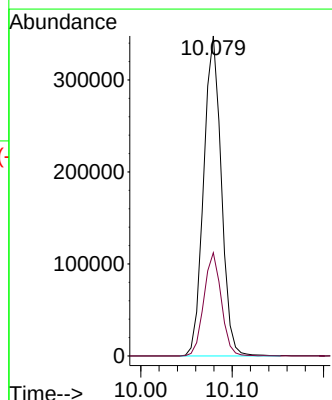
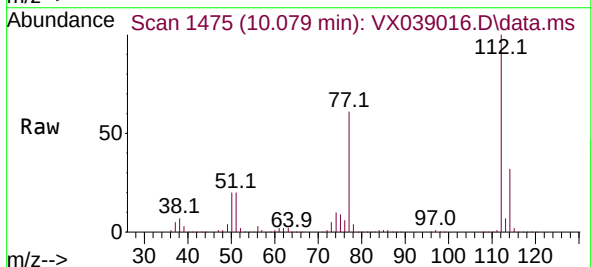
Instrument :  
MSVOA\_X  
ClientSampleId :

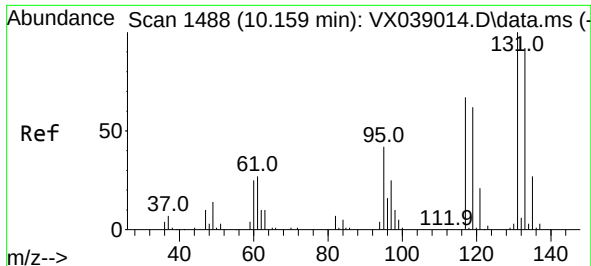
Tgt Ion: 98 Resp: 126474  
Ion Ratio Lower Upper  
98 100  
100 65.3 51.0 76.4



#64  
Chlorobenzene  
Concen: 100.560 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

Tgt Ion: 112 Resp: 465929  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.9 38.9

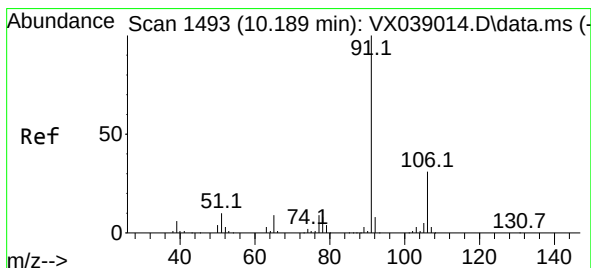
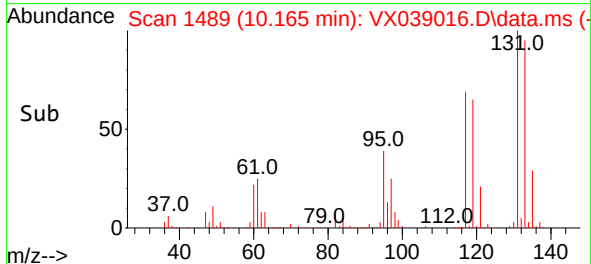
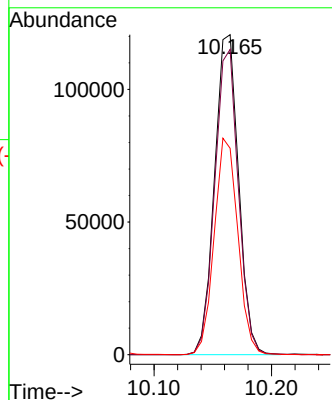
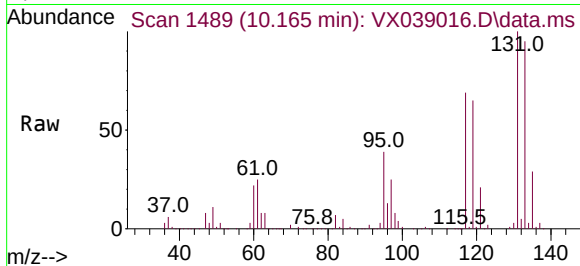




#65  
1,1,1,2-Tetrachloroethane  
Concen: 103.096 ug/l  
RT: 10.165 min Scan# 1488  
Delta R.T. 0.006 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

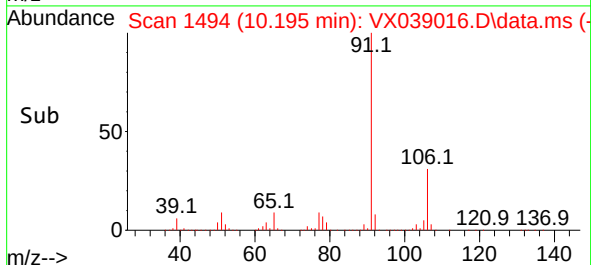
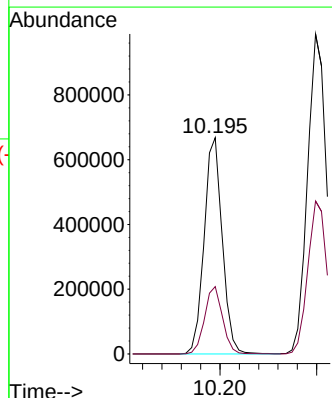
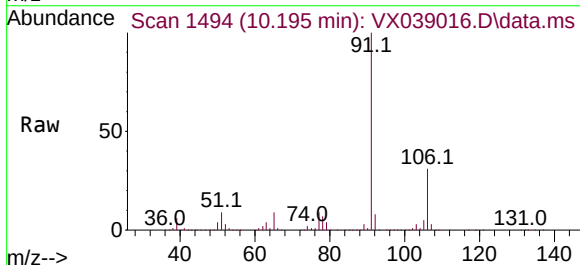
Instrument :  
MSVOA\_X  
ClientSampleId :

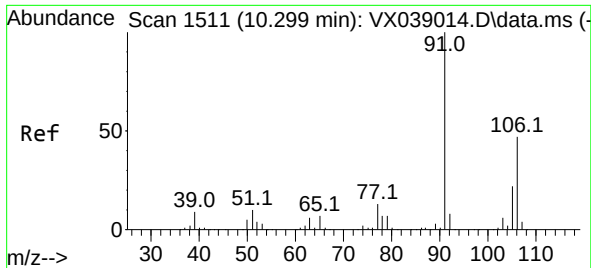
Tgt Ion:131 Resp: 172032  
Ion Ratio Lower Upper  
131 100  
133 93.7 0.0 191.8  
119 66.6 0.0 135.4



#66  
Ethyl Benzene  
Concen: 100.228 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.006 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

Tgt Ion: 91 Resp: 869332  
Ion Ratio Lower Upper  
91 100  
106 31.2 24.4 36.6

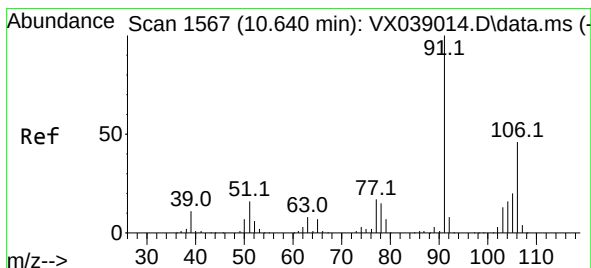
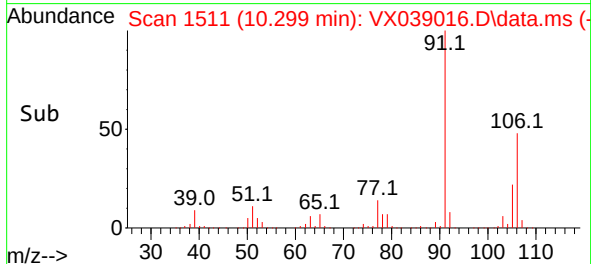
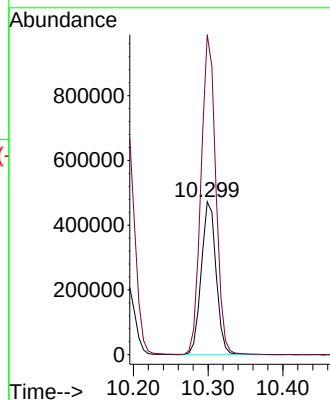
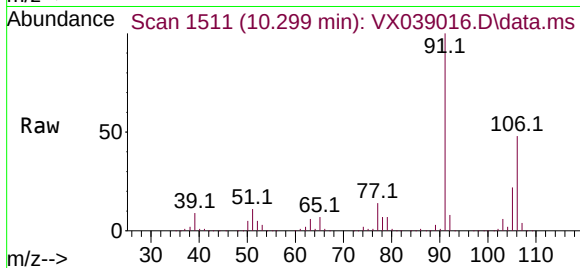




#67  
m/p-Xylenes  
Concen: 203.026 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

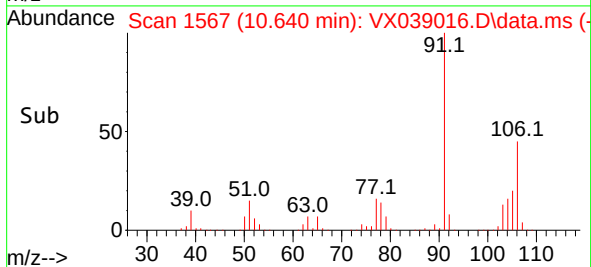
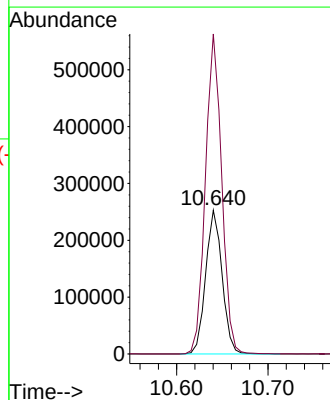
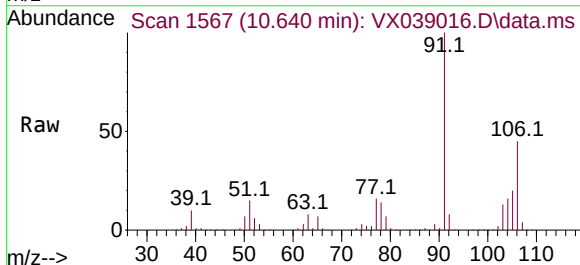
Instrument :  
MSVOA\_X  
ClientSampleId :

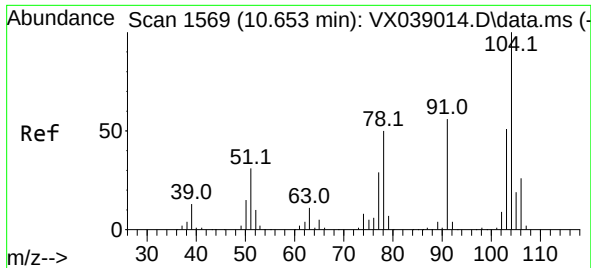
Tgt Ion:106 Resp: 650707  
Ion Ratio Lower Upper  
106 100  
91 208.0 169.4 254.0



#68  
o-Xylene  
Concen: 101.847 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

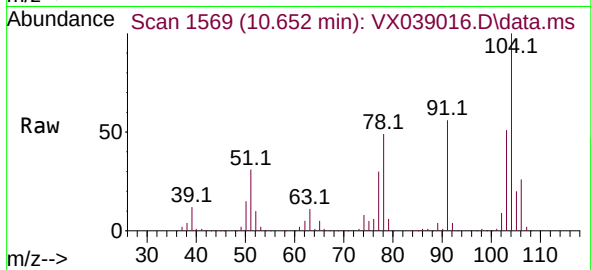
Tgt Ion:106 Resp: 316197  
Ion Ratio Lower Upper  
106 100  
91 220.2 111.2 333.6



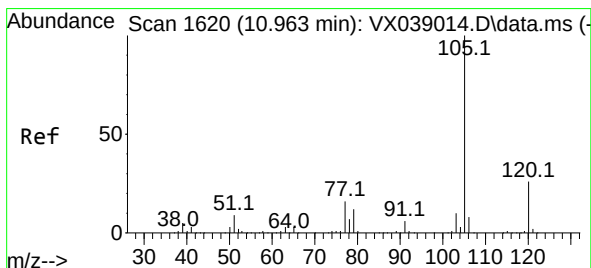
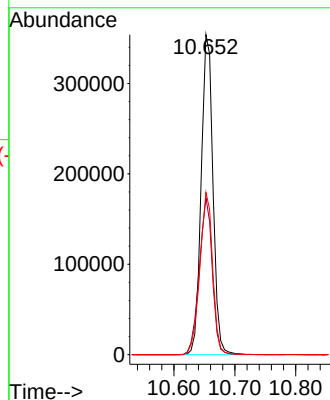
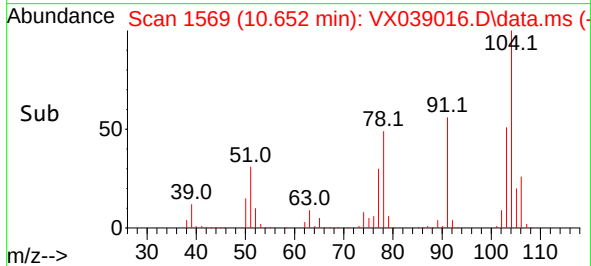


#69  
Styrene  
Concen: 103.454 ug/l  
RT: 10.652 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

Instrument :  
MSVOA\_X  
ClientSampleId :

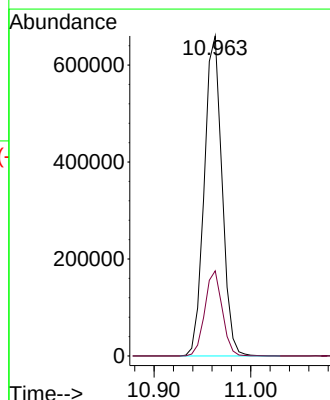
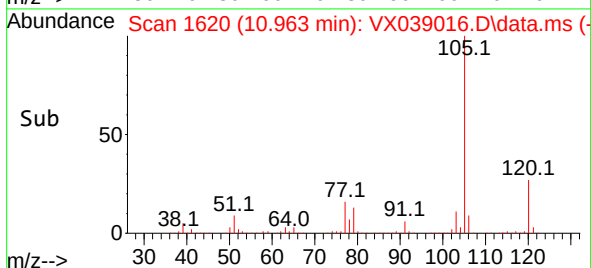
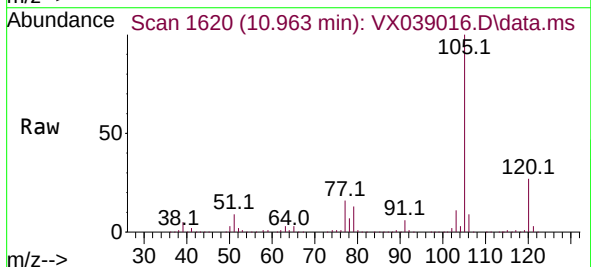


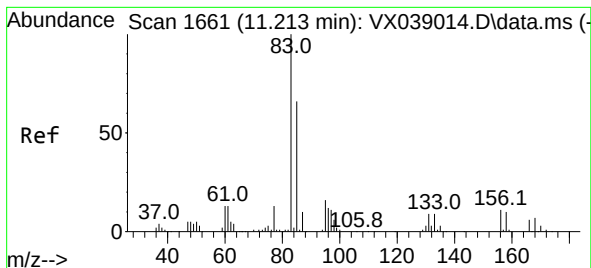
Tgt Ion:104 Resp: 475339  
Ion Ratio Lower Upper  
104 100  
78 54.1 43.7 65.5  
103 55.1 44.6 67.0



#70  
Isopropylbenzene  
Concen: 101.440 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

Tgt Ion:105 Resp: 842617  
Ion Ratio Lower Upper  
105 100  
120 26.1 18.5 34.3

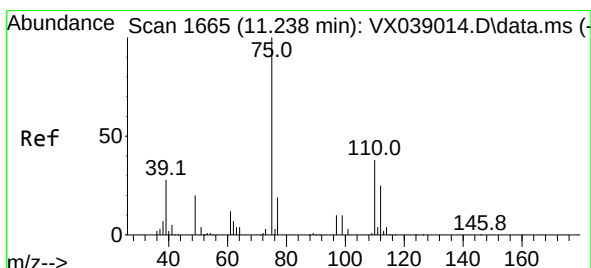
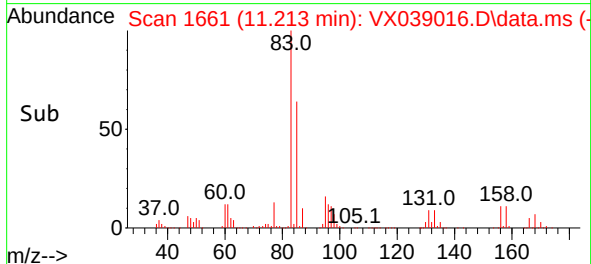
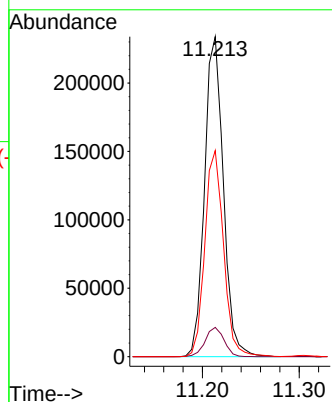
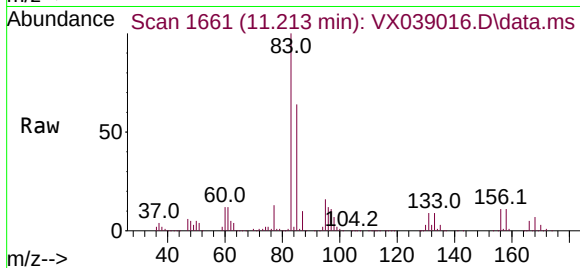




#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 101.932 ug/l  
 RT: 11.213 min Scan# 1661  
 Delta R.T. -0.000 min  
 Lab File: VX039016.D  
 Acq: 24 Nov 2023 10:30

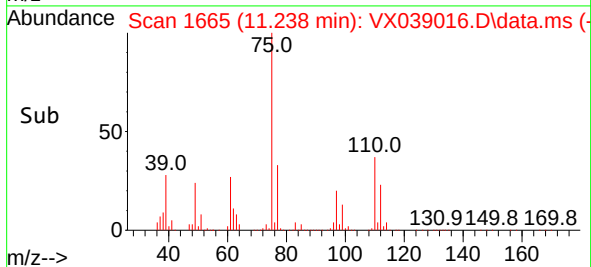
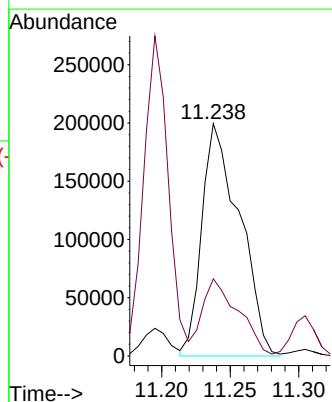
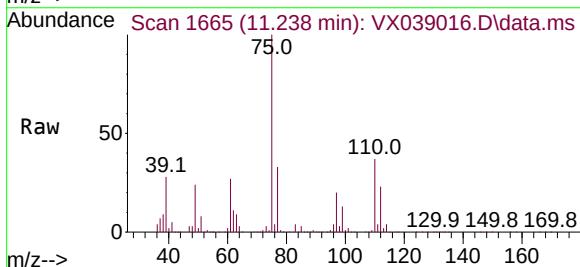
Instrument :  
 MSVOA\_X  
 ClientSampleId :

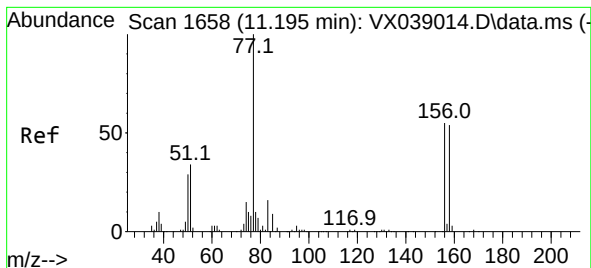
Tgt Ion: 83 Resp: 316086  
 Ion Ratio Lower Upper  
 83 100  
 131 9.2 4.6 13.8  
 85 64.3 32.5 97.4



#72  
 1,2,3-Trichloropropane  
 Concen: 107.156 ug/l  
 RT: 11.238 min Scan# 1665  
 Delta R.T. -0.000 min  
 Lab File: VX039016.D  
 Acq: 24 Nov 2023 10:30

Tgt Ion: 75 Resp: 381847  
 Ion Ratio Lower Upper  
 75 100  
 77 32.0 0.0 76.4





#73

Bromobenzene

Concen: 101.553 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

Instrument :

MSVOA\_X

ClientSampleId :

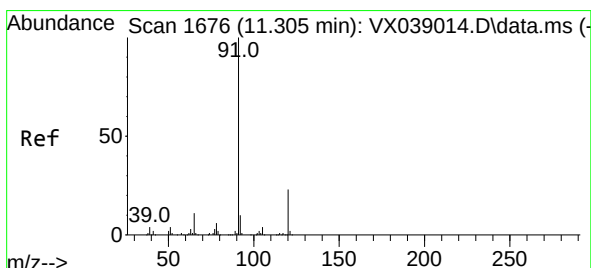
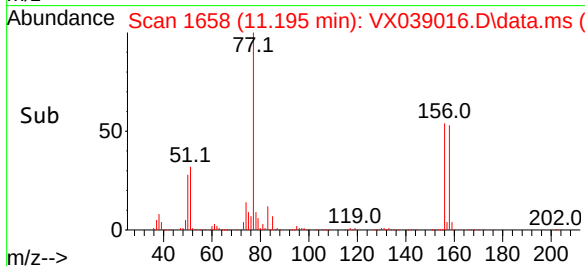
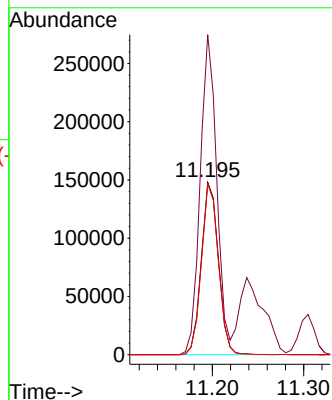
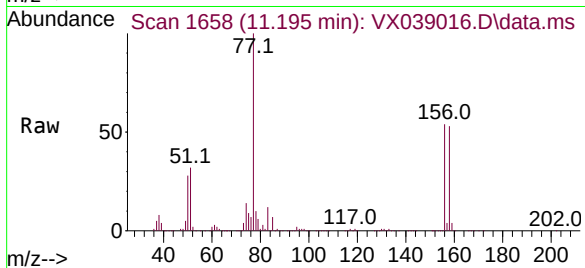
Tgt Ion:156 Resp: 192055

Ion Ratio Lower Upper

156 100

77 179.6 0.0 363.2

158 97.6 0.0 197.8



#74

n-propylbenzene

Concen: 102.003 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX039016.D

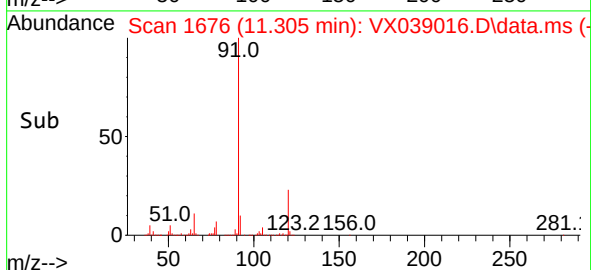
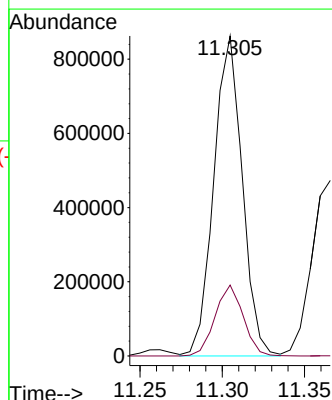
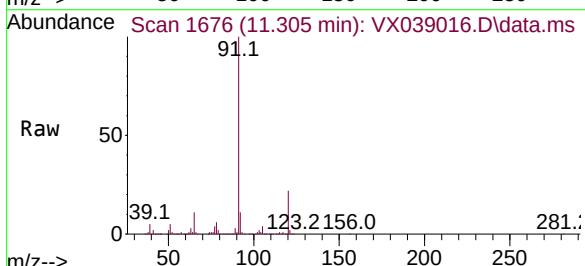
Acq: 24 Nov 2023 10:30

Tgt Ion: 91 Resp: 1038104

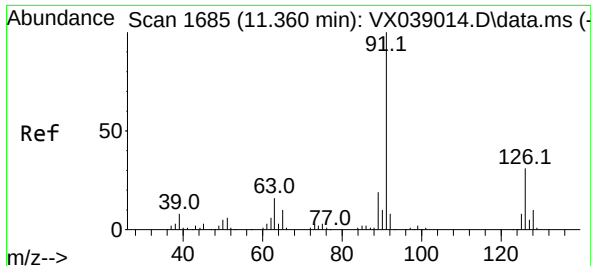
Ion Ratio Lower Upper

91 100

120 21.9 0.0 43.4



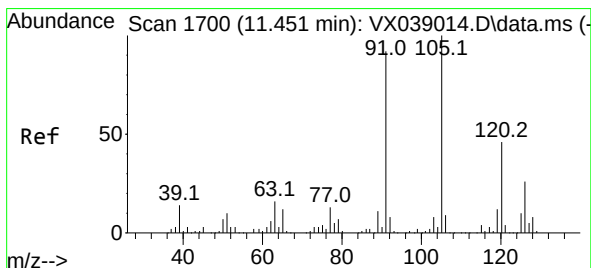
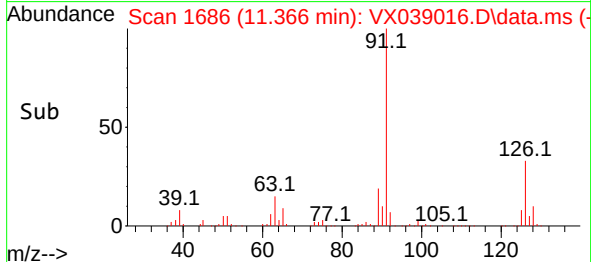
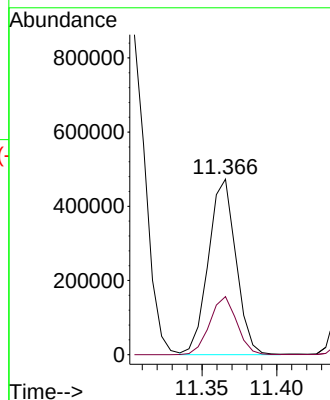
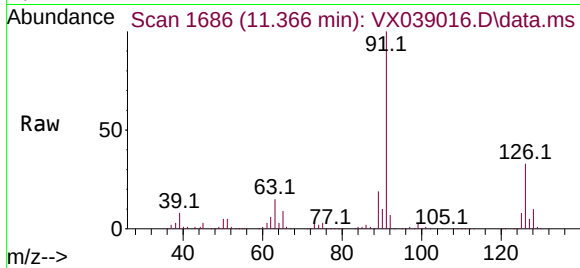




#75  
2-Chlorotoluene  
Concen: 101.639 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

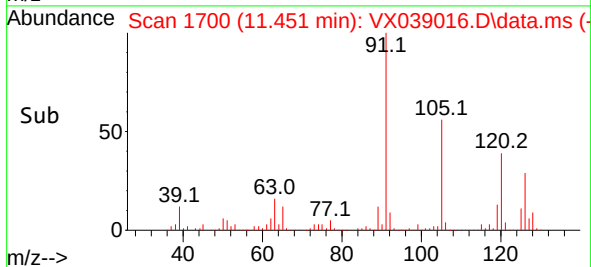
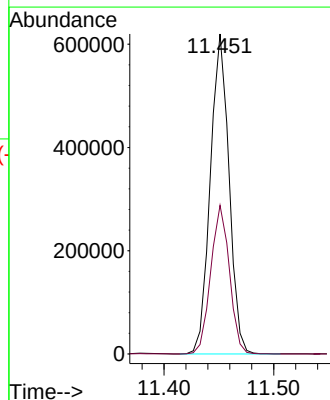
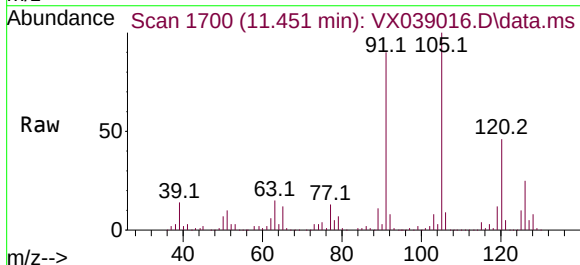
Instrument :  
MSVOA\_X  
ClientSampleId :

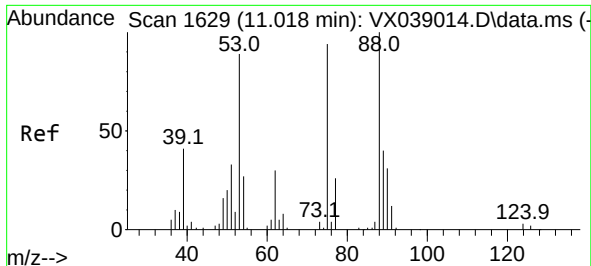
Tgt Ion: 91 Resp: 606869  
Ion Ratio Lower Upper  
91 100  
126 32.4 0.0 64.2



#76  
1,3,5-Trimethylbenzene  
Concen: 102.549 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

Tgt Ion: 105 Resp: 733849  
Ion Ratio Lower Upper  
105 100  
120 46.4 0.0 92.6

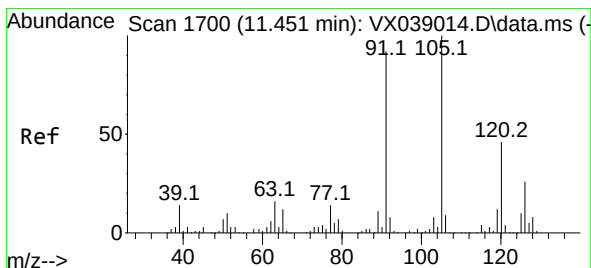
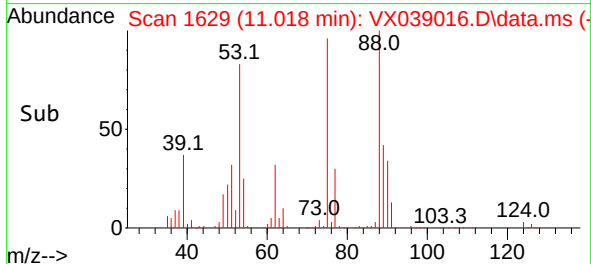
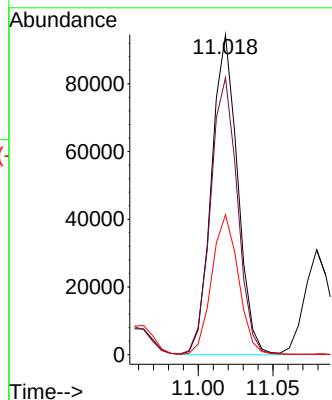
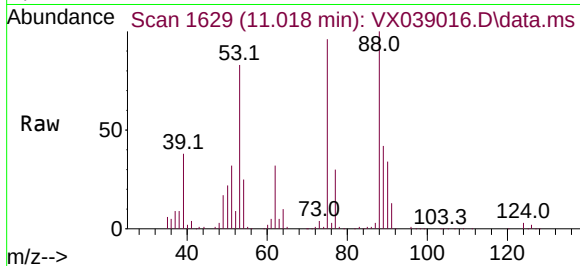




#77  
t-1,4-Dichloro-2-butene  
Concen: 110.338 ug/l  
RT: 11.018 min Scan# 1100  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

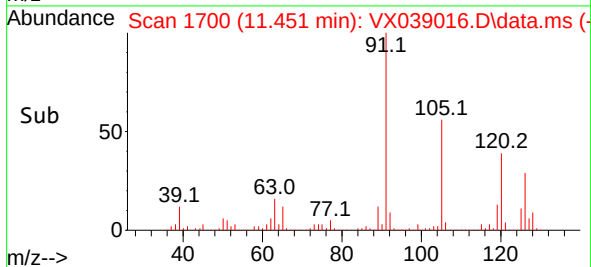
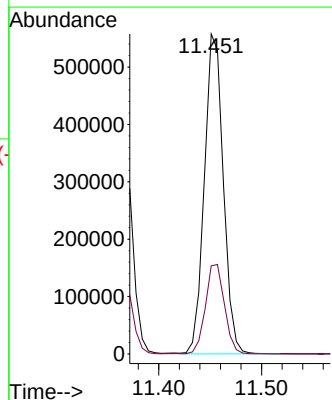
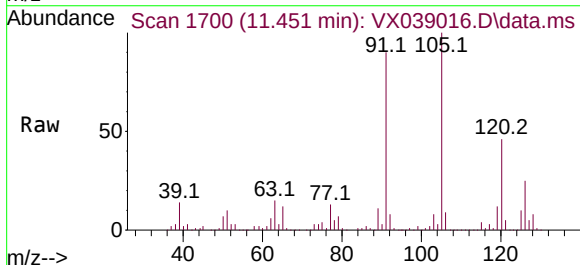
Instrument :  
MSVOA\_X  
ClientSampleId :

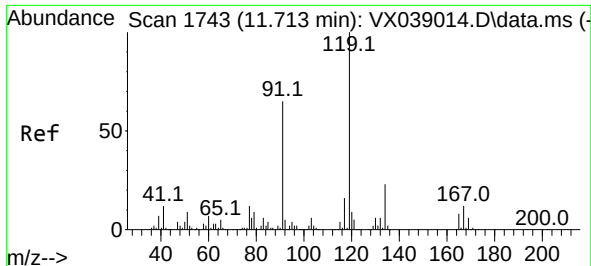
Tgt Ion: 75 Resp: 114722  
Ion Ratio Lower Upper  
75 100  
53 86.6 46.9 140.8  
89 43.7 21.3 63.7



#78  
4-Chlorotoluene  
Concen: 102.007 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

Tgt Ion: 91 Resp: 716083  
Ion Ratio Lower Upper  
91 100  
126 28.1 0.0 57.4

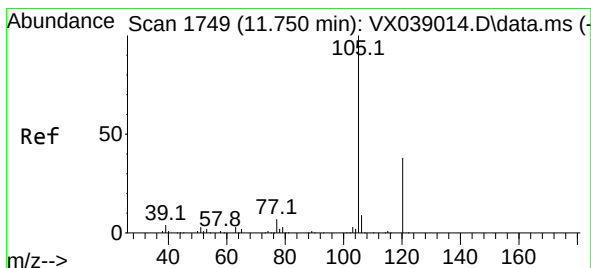
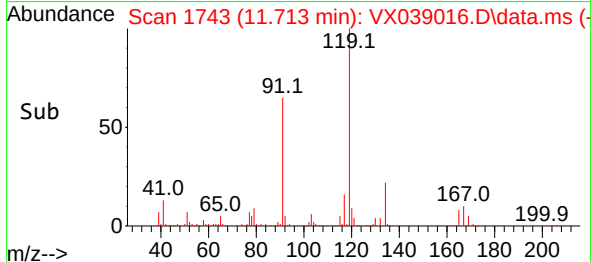
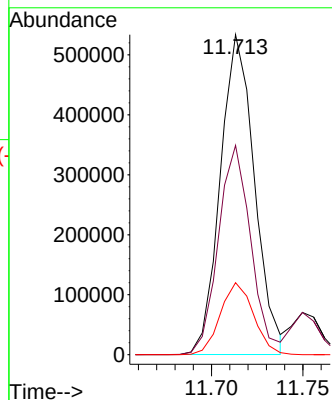
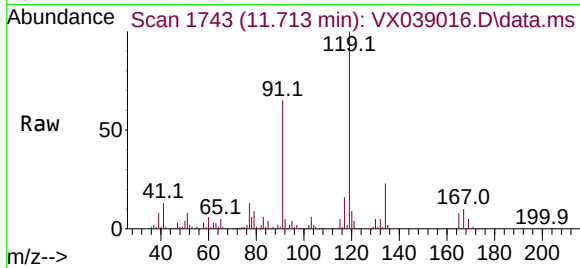




#79  
tert-butylbenzene  
Concen: 102.146 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

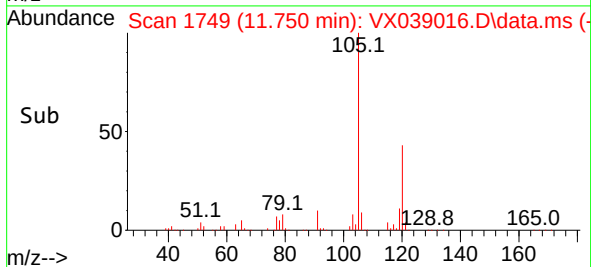
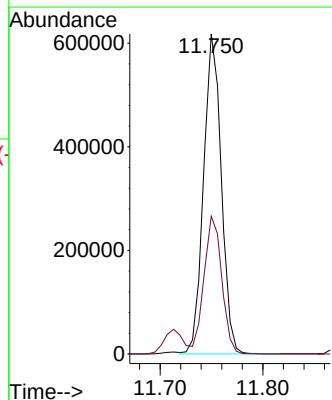
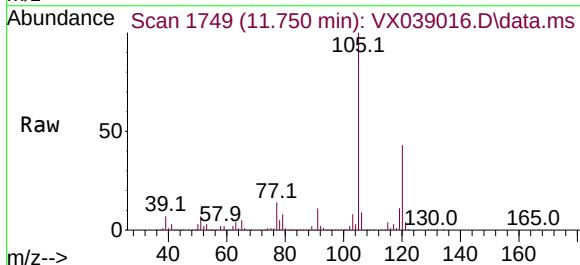
Instrument :  
MSVOA\_X  
ClientSampleId :

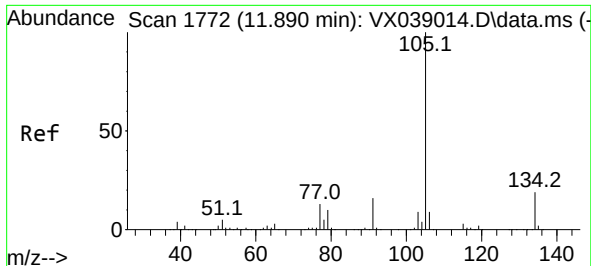
Tgt Ion:119 Resp: 695060  
Ion Ratio Lower Upper  
119 100  
91 62.3 0.0 125.6  
134 21.9 0.0 43.8



#80  
1,2,4-Trimethylbenzene  
Concen: 103.514 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

Tgt Ion:105 Resp: 741360  
Ion Ratio Lower Upper  
105 100  
120 42.9 0.0 86.4

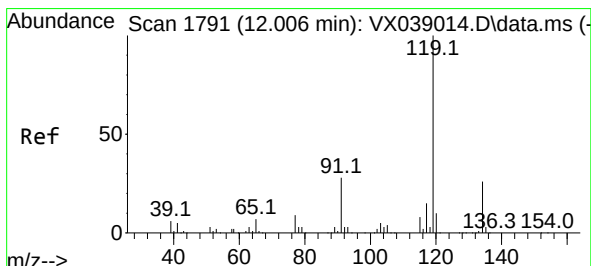
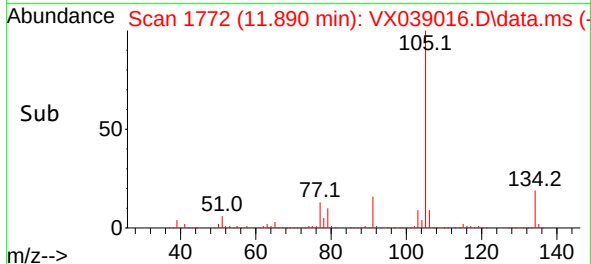
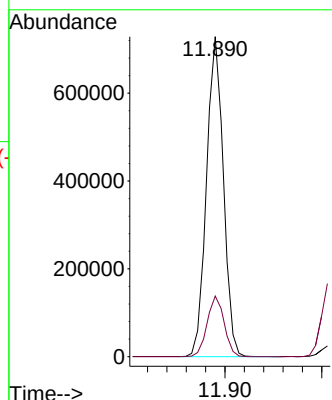
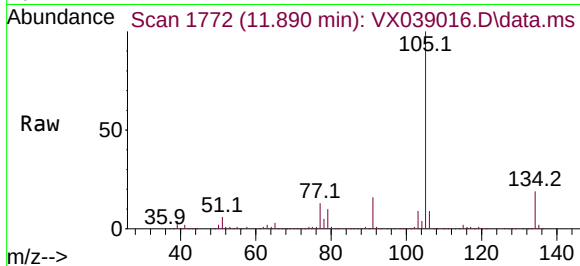




#81  
 sec-Butylbenzene  
 Concen: 102.851 ug/l  
 RT: 11.890 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX039016.D  
 Acq: 24 Nov 2023 10:30

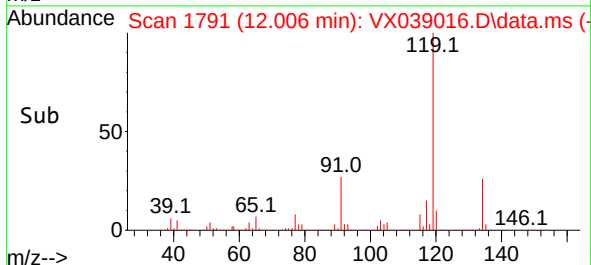
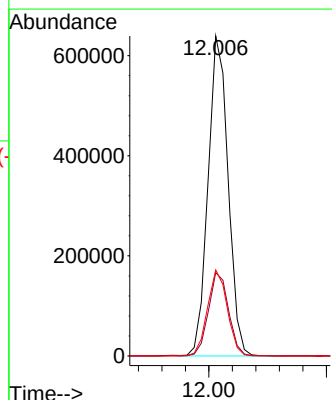
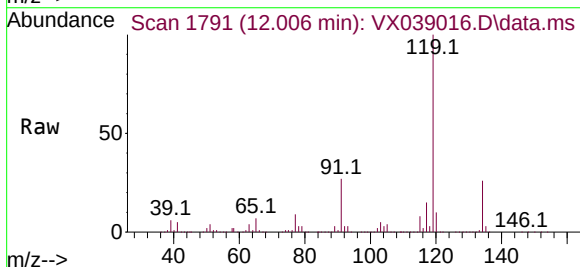
Instrument :  
 MSVOA\_X  
 ClientSampleId :

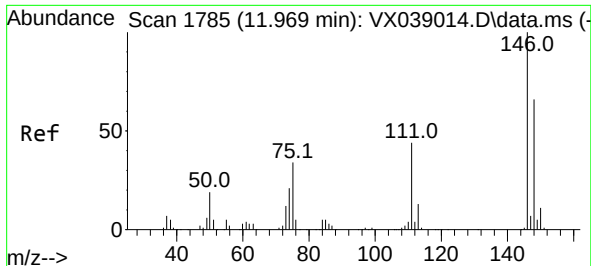
Tgt Ion:105 Resp: 884736  
 Ion Ratio Lower Upper  
 105 100  
 134 19.1 0.0 38.4



#82  
 p-Isopropyltoluene  
 Concen: 103.831 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.000 min  
 Lab File: VX039016.D  
 Acq: 24 Nov 2023 10:30

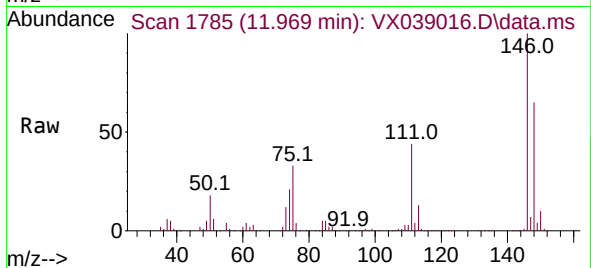
Tgt Ion:119 Resp: 756985  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 0.0 52.6  
 91 26.5 0.0 54.2



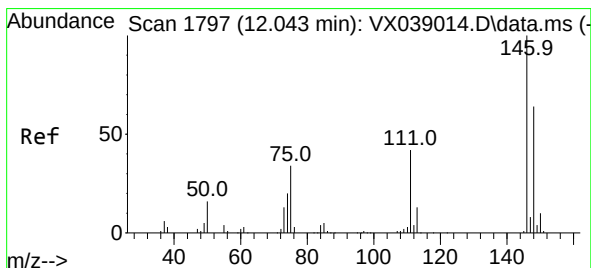
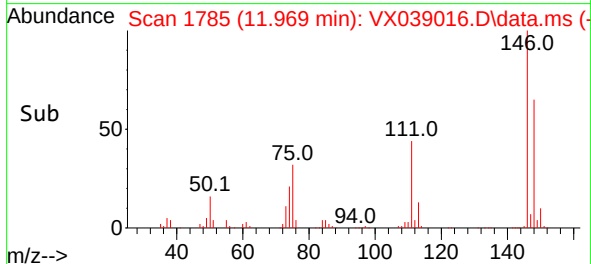
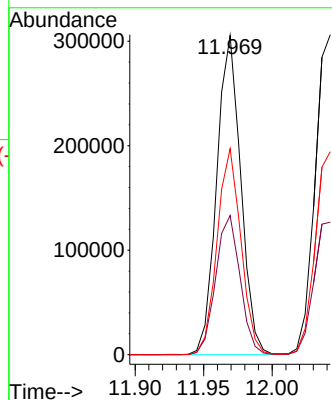


#83  
1,3-Dichlorobenzene  
Concen: 102.920 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

Instrument :  
MSVOA\_X  
ClientSampleId :

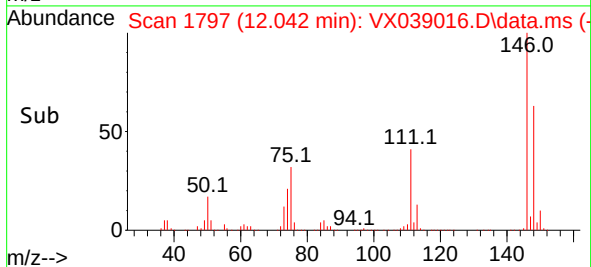
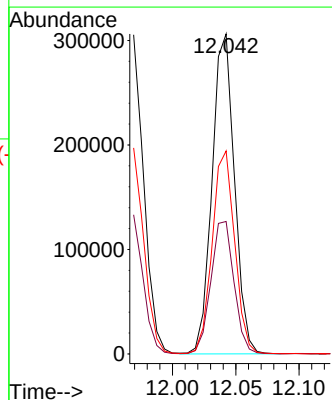
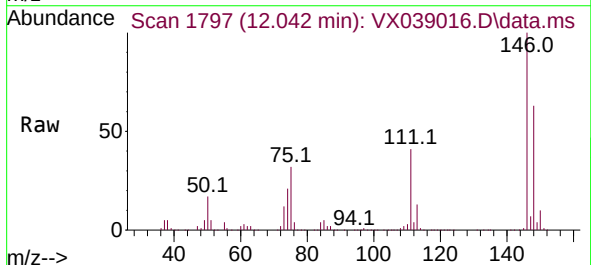


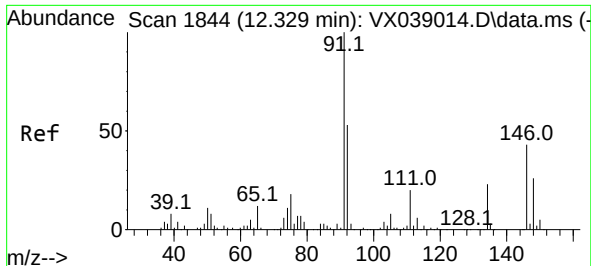
Tgt Ion:146 Resp: 372489  
Ion Ratio Lower Upper  
146 100  
111 44.4 22.3 66.9  
148 64.1 32.8 98.3



#84  
1,4-Dichlorobenzene  
Concen: 101.557 ug/l  
RT: 12.042 min Scan# 1797  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

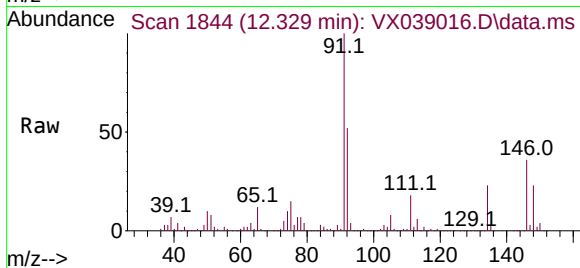
Tgt Ion:146 Resp: 377140  
Ion Ratio Lower Upper  
146 100  
111 42.9 21.4 64.2  
148 63.9 31.8 95.4



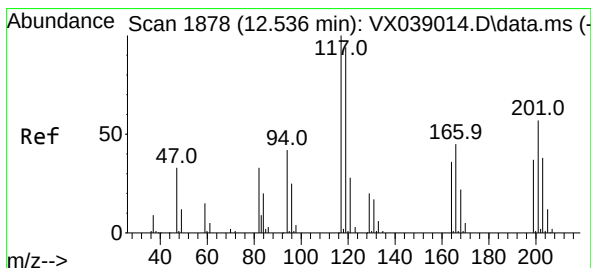
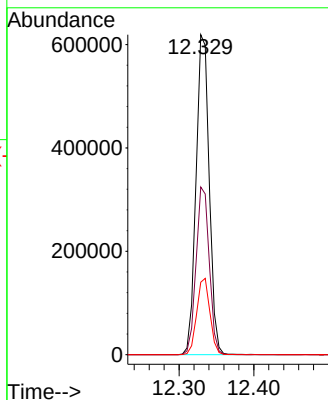
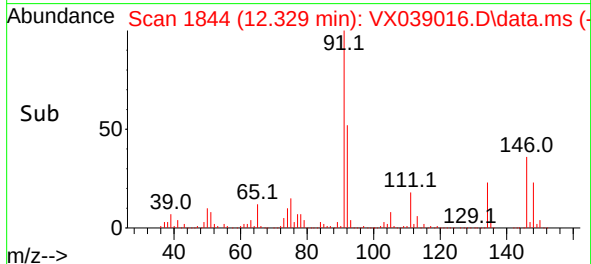


#85  
n-Butylbenzene  
Concen: 105.155 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

Instrument :  
MSVOA\_X  
ClientSampleId :

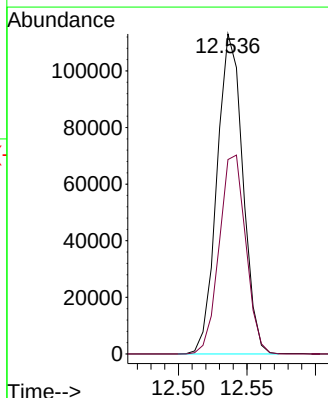
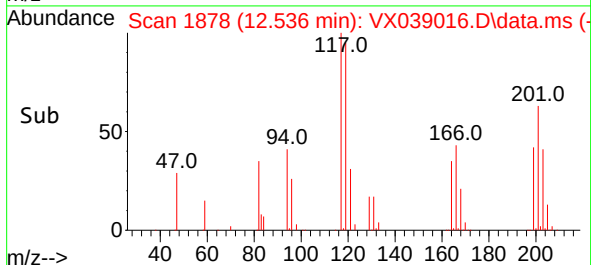
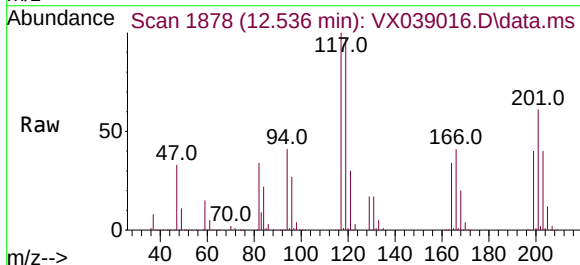


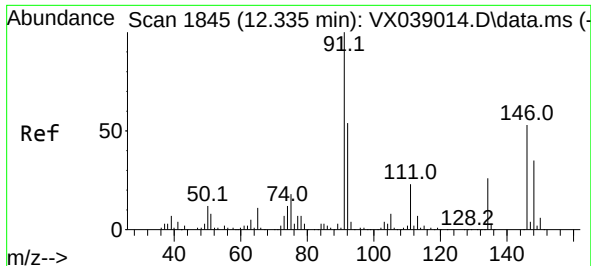
Tgt Ion: 91 Resp: 757027  
Ion Ratio Lower Upper  
91 100  
92 52.5 0.0 106.2  
134 23.8 0.0 48.8



#86  
Hexachloroethane  
Concen: 107.545 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

Tgt Ion:117 Resp: 148560  
Ion Ratio Lower Upper  
117 100  
201 63.7 31.8 95.3

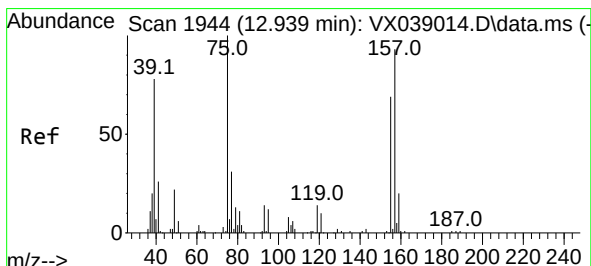
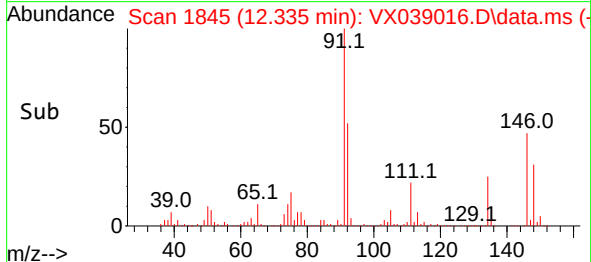
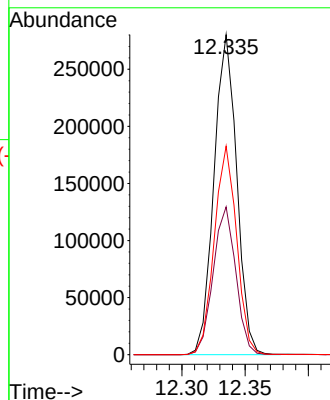
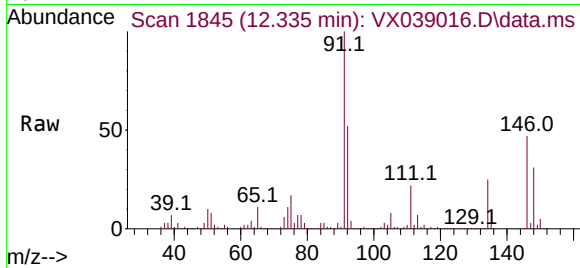




#87  
1,2-Dichlorobenzene  
Concen: 100.817 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

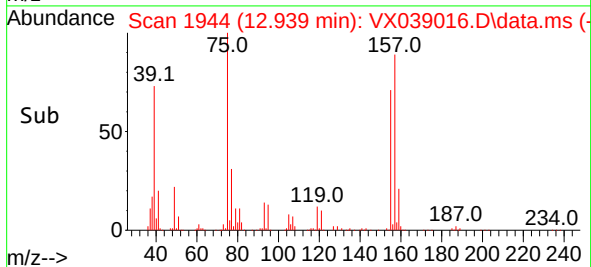
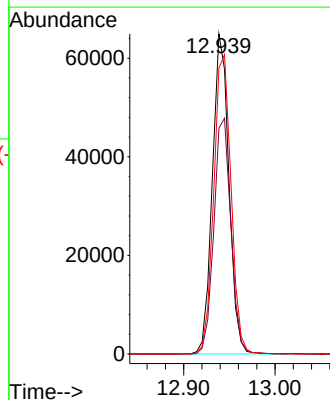
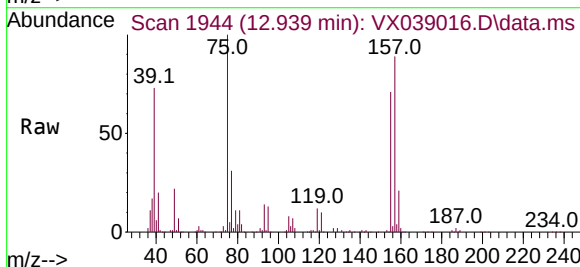
Instrument :  
MSVOA\_X  
ClientSampleId :

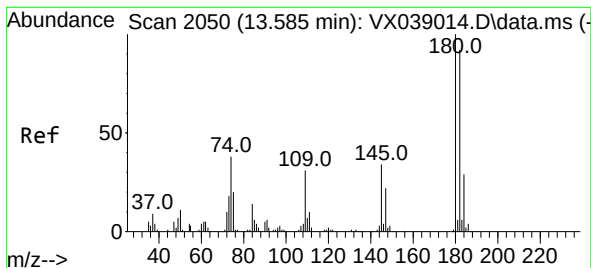
Tgt Ion:146 Resp: 350869  
Ion Ratio Lower Upper  
146 100  
111 45.9 22.4 67.2  
148 64.0 31.9 95.7



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 102.760 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

Tgt Ion: 75 Resp: 81495  
Ion Ratio Lower Upper  
75 100  
155 75.9 58.2 87.4  
157 98.0 76.5 114.7





#89

1,2,4-Trichlorobenzene

Concen: 103.086 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

Instrument :

MSVOA\_X

ClientSampleId :

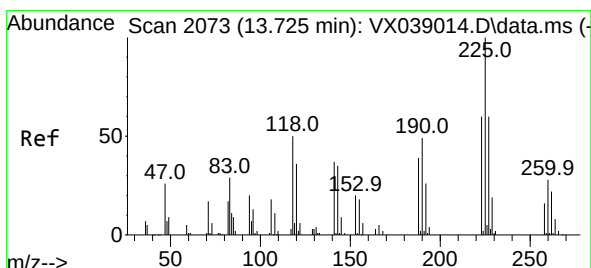
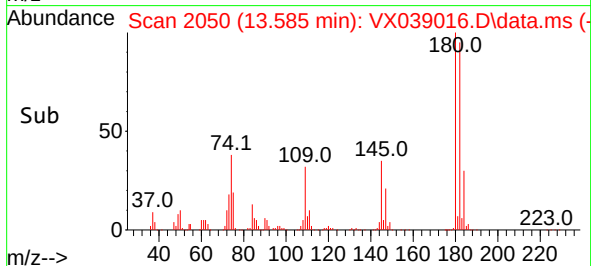
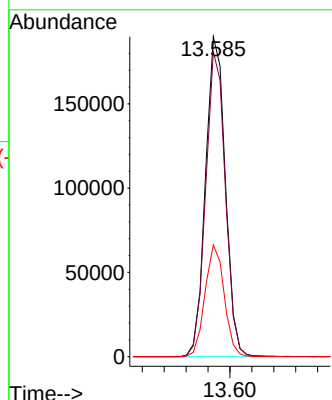
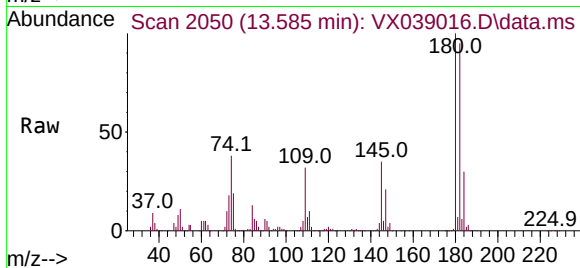
Tgt Ion:180 Resp: 237863

Ion Ratio Lower Upper

180 100

182 94.4 74.5 111.7

145 34.0 26.6 40.0



#90

Hexachlorobutadiene

Concen: 102.874 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX039016.D

Acq: 24 Nov 2023 10:30

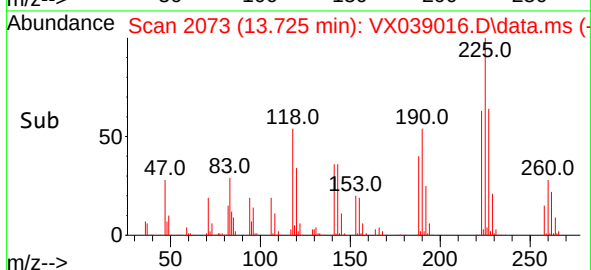
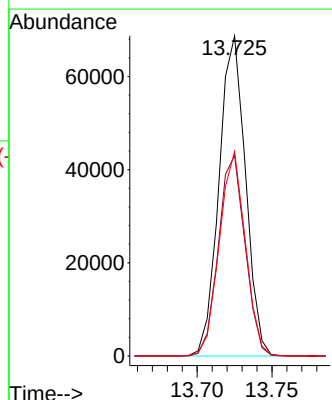
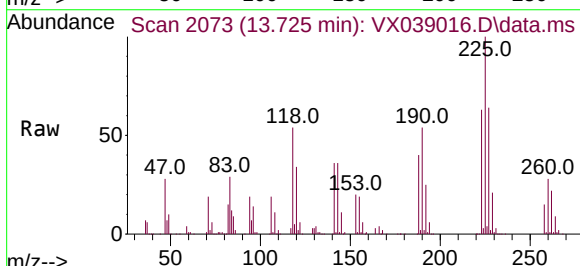
Tgt Ion:225 Resp: 84758

Ion Ratio Lower Upper

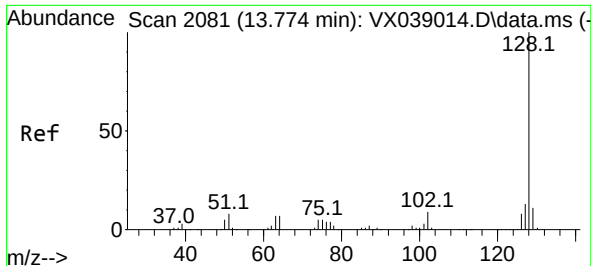
225 100

223 62.7 0.0 124.4

227 62.6 0.0 124.4

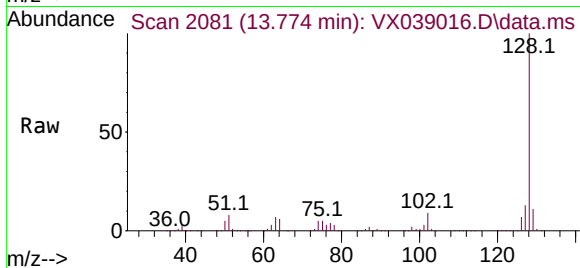




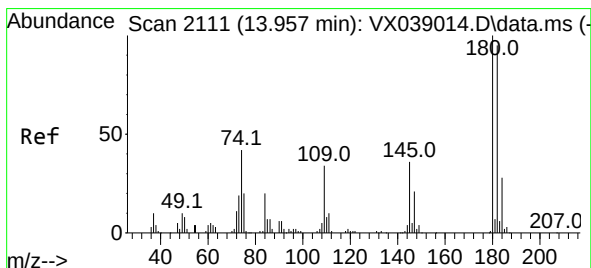
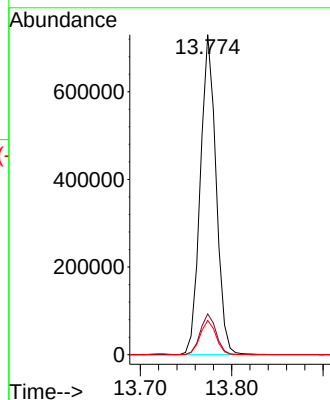
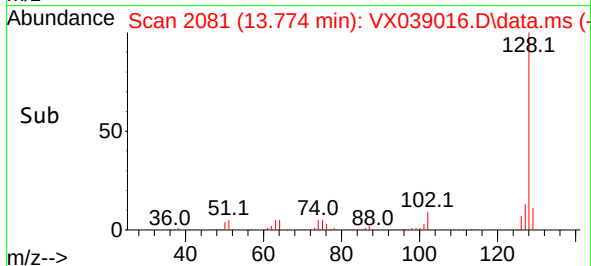


#91  
Naphthalene  
Concen: 102.450 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30

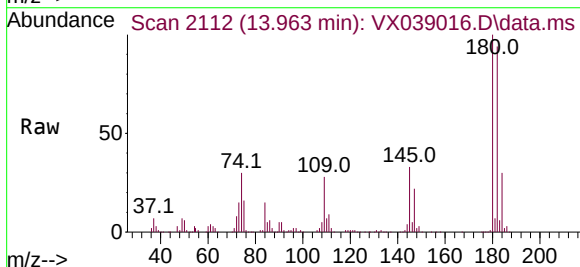
Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion:128 Resp: 871825  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.2 15.2  
129 10.8 8.6 12.8



#92  
1,2,3-Trichlorobenzene  
Concen: 103.748 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.006 min  
Lab File: VX039016.D  
Acq: 24 Nov 2023 10:30



Tgt Ion:180 Resp: 231877  
Ion Ratio Lower Upper  
180 100  
182 94.2 0.0 191.6  
145 35.6 0.0 69.6

