

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX093022\  
 Data File : VX031808.D  
 Acq On : 30 Sep 2022 12:34  
 Operator : JC/MD  
 Sample : VSTDICC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC050

Quant Time: Oct 03 00:36:21 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X093022W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Mon Oct 03 00:33:36 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Bromochloromethane        | 4.897  | 128   | 22543    | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.763  | 114   | 122577   | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 10.055 | 117   | 121808   | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 5.958  | 65    | 50737    | 29.903   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | =      | 99.667%  |
| 60) 4-Bromofluorobenzene     | 11.079 | 95    | 68413    | 30.340   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | =      | 101.133% |
| 63) Toluene-d8               | 8.653  | 98    | 184018   | 29.738   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | =      | 99.133%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 45483    | 48.385   | ug/l   | 99       |
| 3) Chloromethane             | 1.288  | 50    | 48575    | 49.315   | ug/l   | 99       |
| 4) Vinyl Chloride            | 1.373  | 62    | 65993    | 49.947   | ug/l   | 100      |
| 5) Bromomethane              | 1.611  | 94    | 58478    | 48.377   | ug/l   | 98       |
| 6) Chloroethane              | 1.684  | 64    | 60983    | 52.347   | ug/l   | 89       |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 141372   | 50.069   | ug/l   | 98       |
| 8) Diethyl Ether             | 2.135  | 74    | 47641    | 49.796   | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 65287    | 48.720   | ug/l   | 100      |
| 10) 1,1-Dichloroethene       | 2.318  | 96    | 59422    | 48.013   | ug/l   | 98       |
| 11) Methyl Iodide            | 2.452  | 142   | 67794    | 50.036   | ug/l   | 96       |
| 12) Methyl Acetate           | 2.709  | 43    | 69051    | 48.833   | ug/l   | 100      |
| 13) Acrolein                 | 2.239  | 56    | 27033    | 215.832  | ug/l   | 98       |
| 14) Acrylonitrile            | 3.068  | 53    | 150451   | 250.674  | ug/l   | 99       |
| 15) Acetone                  | 2.385  | 58    | 38864    | 239.032  | ug/l   | 96       |
| 16) Carbon Disulfide         | 2.513  | 76    | 132702   | 48.873   | ug/l   | 99       |
| 17) Allyl chloride           | 2.666  | 41    | 75121    | 50.141   | ug/l   | 95       |
| 18) Methylene Chloride       | 2.788  | 84    | 69313    | 48.936   | ug/l   | 95       |
| 19) trans-1,2-Dichloroethene | 3.093  | 96    | 71425    | 49.839   | ug/l   | 95       |
| 20) Diisopropyl ether        | 3.757  | 45    | 175435   | 50.956   | ug/l   | 99       |
| 21) 1,1-Dichloroethane       | 3.611  | 63    | 113248   | 50.420   | ug/l   | 99       |
| 22) cis-1,2-Dichloroethene   | 4.489  | 96    | 86437    | 49.928   | ug/l   | 97       |
| 23) tert-Butyl Alcohol       | 3.001  | 59    | 52499    | 234.838  | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 3.111  | 73    | 212182   | 49.882   | ug/l   | 98       |
| 25) Chloroform               | 5.092  | 83    | 138832   | 50.344   | ug/l   | 99       |
| 26) Cyclohexane              | 5.470  | 56    | 93907    | 50.684   | ug/l # | 98       |
| 29) 1,1-Dichloropropene      | 5.696  | 75    | 95592    | 50.310   | ug/l   | 99       |
| 30) 2-Butanone               | 4.562  | 43    | 193100   | 249.666  | ug/l   | 99       |
| 31) 2,2-Dichloropropane      | 4.476  | 77    | 97009    | 50.988   | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 5.385  | 97    | 127525   | 50.703   | ug/l   | 96       |
| 33) Carbon Tetrachloride     | 5.678  | 117   | 115587   | 50.122   | ug/l   | 97       |
| 34) Benzene                  | 6.037  | 78    | 285107   | 50.704   | ug/l   | 98       |
| 35) Methacrylonitrile        | 4.922  | 41    | 41544    | 51.401   | ug/l   | 95       |
| 36) 1,2-Dichloroethane       | 6.086  | 62    | 99813    | 50.382   | ug/l   | 99       |
| 37) Trichloroethene          | 7.128  | 130   | 91237    | 49.732   | ug/l   | 99       |
| 38) Methylcyclohexane        | 7.385  | 83    | 116414   | 50.051   | ug/l   | 99       |
| 39) 1,2-Dichloropropane      | 7.427  | 63    | 64178    | 49.937   | ug/l   | 95       |
| 40) Dibromomethane           | 7.580  | 93    | 55729    | 49.577   | ug/l   | 95       |
| 41) Bromodichloromethane     | 7.823  | 83    | 104629   | 51.319   | ug/l   | 100      |
| 42) Vinyl Acetate            | 3.721  | 43    | 724684   | 259.828  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX093022\  
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 Acq On : 30 Sep 2022 12:34  
 Operator : JC/MD  
 Sample : VSTDICC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

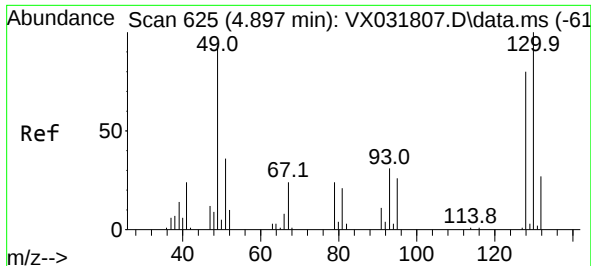
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC050

Quant Time: Oct 03 00:36:21 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X093022W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Mon Oct 03 00:33:36 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 43) Ethyl Acetate             | 4.714  | 43   | 77338    | 49.766   | ug/l # | 87       |
| 44) Isopropyl Acetate         | 6.342  | 43   | 126540   | 51.231   | ug/l   | 97       |
| 45) 1,4-Dioxane               | 7.689  | 88   | 35915    | 1016.115 | ug/l   | 99       |
| 46) Methyl methacrylate       | 7.695  | 41   | 60034    | 52.071   | ug/l   | 96       |
| 47) n-amyl Acetate            | 10.847 | 43   | 113070   | 53.304   | ug/l   | 99       |
| 48) t-1,3-Dichloropropene     | 8.982  | 75   | 107477   | 53.474   | ug/l   | 100      |
| 49) cis-1,3-Dichloropropene   | 8.366  | 75   | 114675   | 52.010   | ug/l   | 97       |
| 50) 1,1,2-Trichloroethane     | 9.152  | 97   | 83462    | 51.263   | ug/l   | 98       |
| 51) Ethyl methacrylate        | 9.116  | 69   | 110693   | 52.447   | ug/l   | 98       |
| 52) 1,3-Dichloropropane       | 9.311  | 76   | 129286   | 51.819   | ug/l   | 98       |
| 53) Dibromochloromethane      | 9.524  | 129  | 97064    | 53.537   | ug/l   | 99       |
| 54) 1,2-Dibromoethane         | 9.610  | 107  | 94185    | 52.219   | ug/l   | 98       |
| 55) 2-Chloroethyl vinyl ether | 8.244  | 63   | 258921   | 250.192  | ug/l   | 98       |
| 56) Bromoform                 | 10.799 | 173  | 71597    | 53.879   | ug/l   | 100      |
| 58) 4-Methyl-2-Pentanone      | 8.573  | 43   | 416027   | 254.050  | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 308505   | 251.887  | ug/l   | 99       |
| 61) Tetrachloroethene         | 9.274  | 164  | 96476    | 49.326   | ug/l   | 98       |
| 62) Toluene                   | 8.720  | 91   | 348216   | 49.930   | ug/l   | 100      |
| 64) Chlorobenzene             | 10.079 | 112  | 236830   | 49.769   | ug/l   | 99       |
| 65) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 92228    | 51.124   | ug/l   | 100      |
| 66) Ethyl Benzene             | 10.195 | 91   | 397627   | 50.590   | ug/l   | 99       |
| 67) m/p-Xylenes               | 10.299 | 106  | 335237   | 102.427  | ug/l   | 98       |
| 68) o-Xylene                  | 10.640 | 106  | 165426   | 51.481   | ug/l   | 96       |
| 69) Styrene                   | 10.658 | 104  | 270616   | 51.851   | ug/l   | 99       |
| 70) Isopropylbenzene          | 10.963 | 105  | 429119   | 51.387   | ug/l   | 100      |
| 71) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 120023   | 50.425   | ug/l   | 100      |
| 72) 1,2,3-Trichloropropane    | 11.237 | 75   | 125732   | 61.472   | ug/l   | 91       |
| 73) Bromobenzene              | 11.201 | 156  | 114848   | 51.279   | ug/l   | 96       |
| 74) n-propylbenzene           | 11.305 | 91   | 471703   | 51.383   | ug/l   | 99       |
| 75) 2-Chlorotoluene           | 11.366 | 91   | 279705   | 50.678   | ug/l   | 99       |
| 76) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 364458   | 51.775   | ug/l   | 97       |
| 77) t-1,4-Dichloro-2-butene   | 11.018 | 75   | 31355    | 52.455   | ug/l   | 93       |
| 78) 4-Chlorotoluene           | 11.457 | 91   | 319094   | 50.714   | ug/l   | 97       |
| 79) tert-butylbenzene         | 11.713 | 119  | 365392   | 51.639   | ug/l   | 98       |
| 80) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 365056   | 52.298   | ug/l   | 100      |
| 81) sec-Butylbenzene          | 11.890 | 105  | 443142   | 51.139   | ug/l   | 98       |
| 82) p-Isopropyltoluene        | 12.012 | 119  | 396557   | 52.071   | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146  | 221291   | 52.218   | ug/l   | 99       |
| 84) 1,4-Dichlorobenzene       | 12.042 | 146  | 225662   | 51.925   | ug/l   | 99       |
| 85) n-Butylbenzene            | 12.335 | 91   | 304206   | 51.798   | ug/l   | 99       |
| 86) Hexachloroethane          | 12.542 | 117  | 62107    | 51.944   | ug/l   | 90       |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146  | 221460   | 52.376   | ug/l   | 96       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.944 | 75   | 25437    | 53.260   | ug/l   | 92       |
| 89) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 141354   | 51.668   | ug/l   | 99       |
| 90) Hexachlorobutadiene       | 13.725 | 225  | 54313    | 49.416   | ug/l   | 99       |
| 91) Naphthalene               | 13.774 | 128  | 456471   | 52.150   | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 139820   | 51.600   | ug/l   | 97       |

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

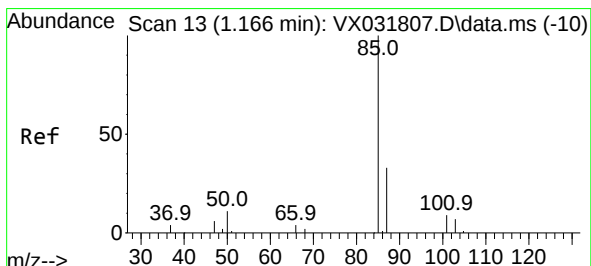
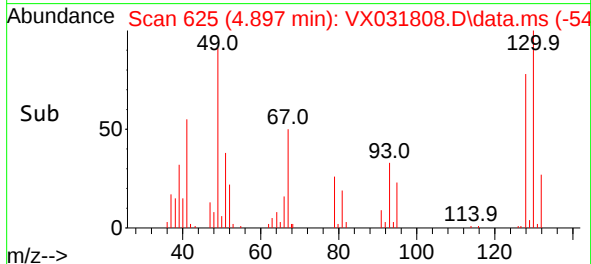
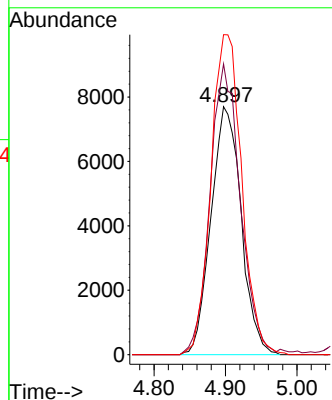
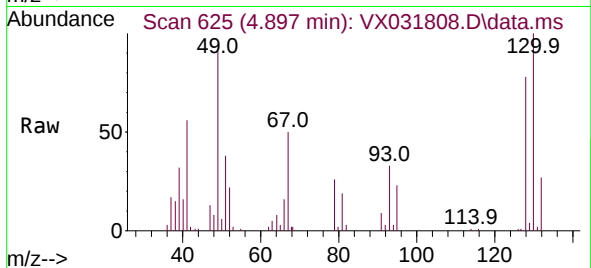




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.897 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

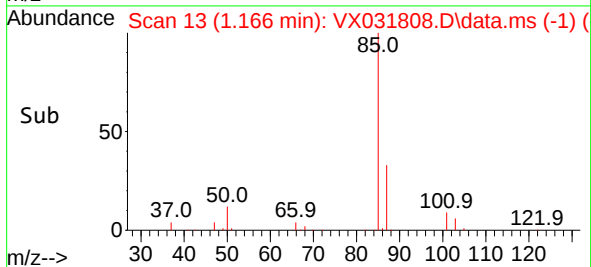
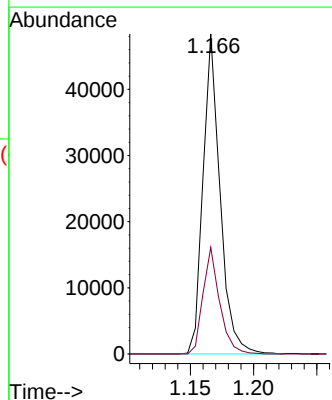
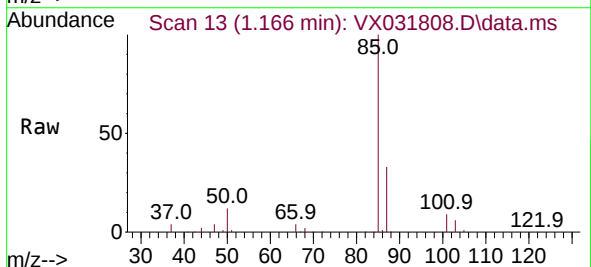
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

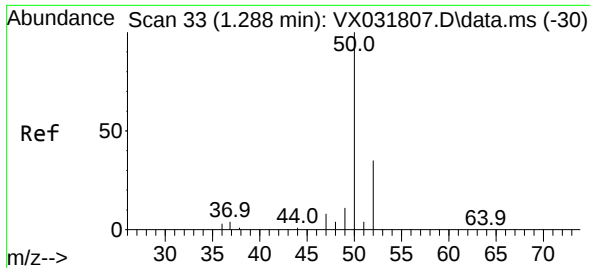
Tgt Ion:128 Resp: 22543  
Ion Ratio Lower Upper  
128 100  
49 117.5 0.0 293.0  
130 131.7 0.0 321.5



#2  
Dichlorodifluoromethane  
Concen: 48.385 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

Tgt Ion: 85 Resp: 45483  
Ion Ratio Lower Upper  
85 100  
87 33.3 16.5 49.5

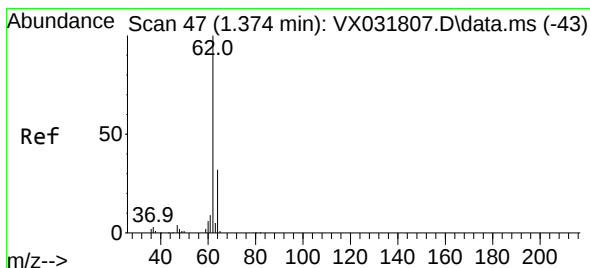
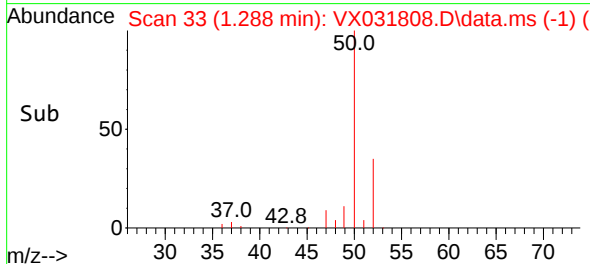
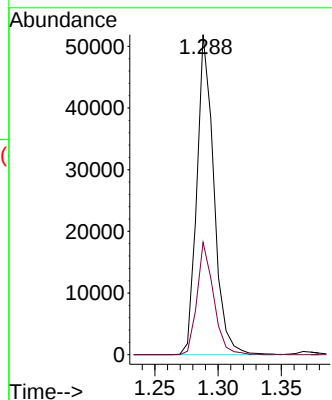
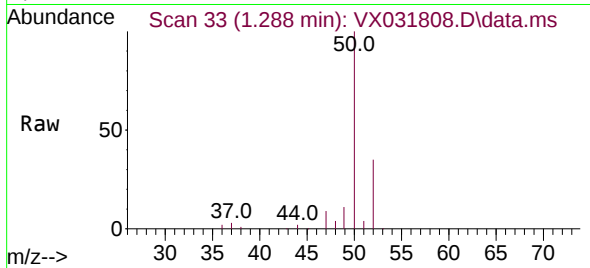




#3  
Chloromethane  
Concen: 49.315 ug/l  
RT: 1.288 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

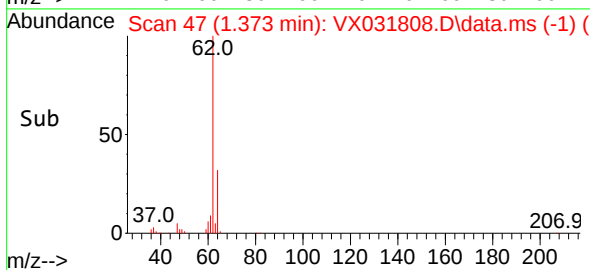
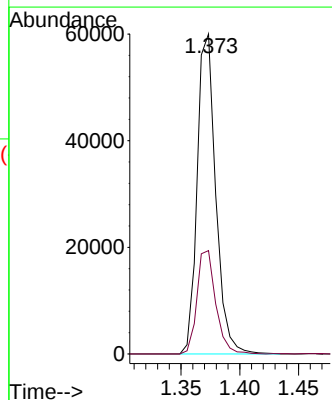
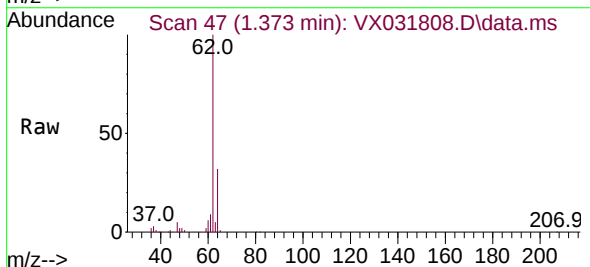
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

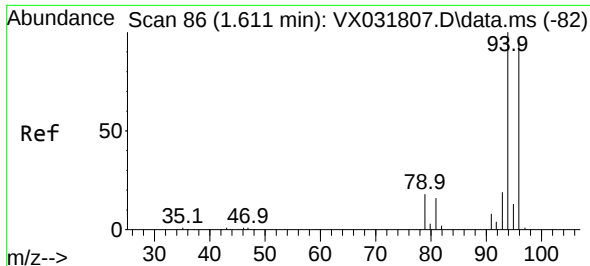
Tgt Ion: 50 Resp: 48575  
Ion Ratio Lower Upper  
50 100  
52 35.1 27.6 41.4



#4  
Vinyl Chloride  
Concen: 49.947 ug/l  
RT: 1.373 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

Tgt Ion: 62 Resp: 65993  
Ion Ratio Lower Upper  
62 100  
64 32.3 25.7 38.5

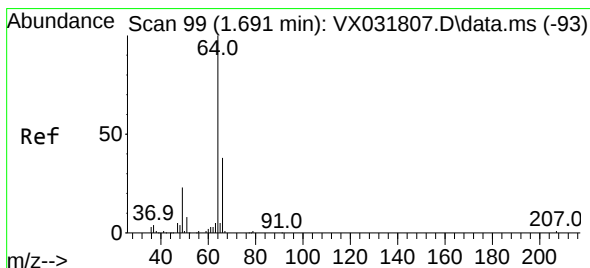
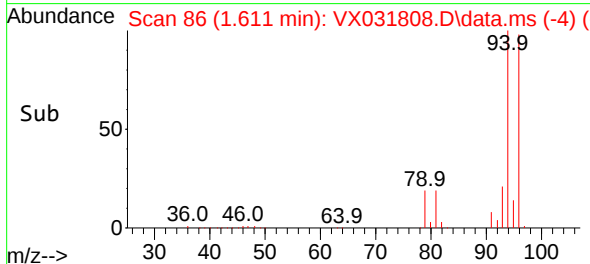
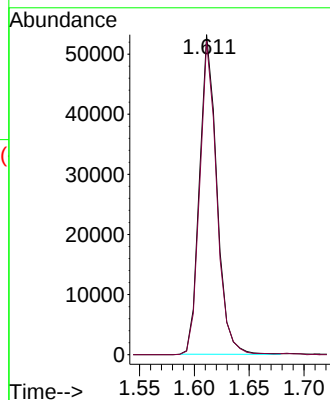
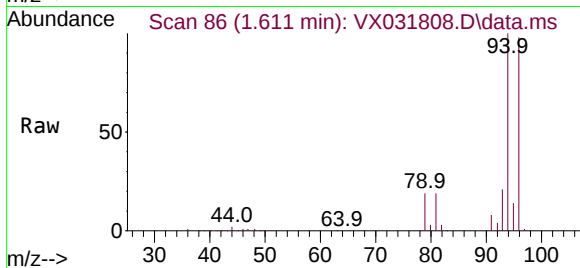




#5  
Bromomethane  
Concen: 48.377 ug/l  
RT: 1.611 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

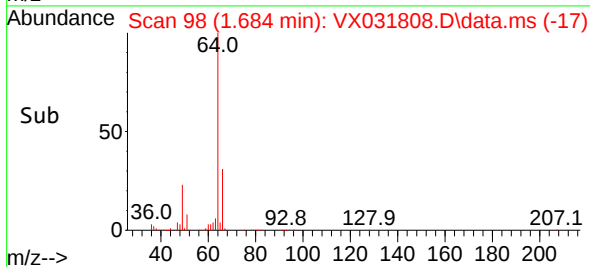
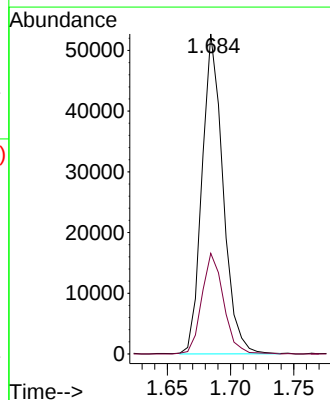
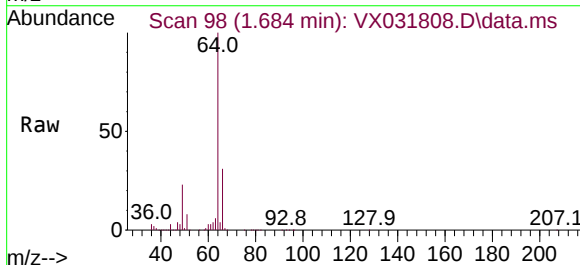
Instrument :  
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ClientSampleId :  
VSTDIC050

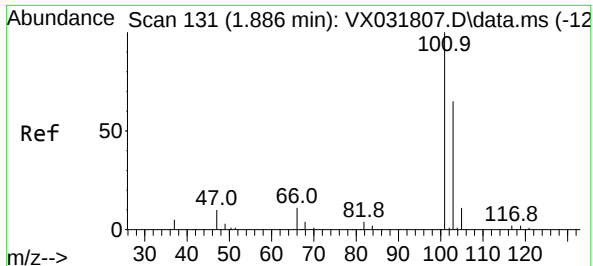
Tgt Ion: 94 Resp: 58478  
Ion Ratio Lower Upper  
94 100  
96 97.9 76.8 115.2



#6  
Chloroethane  
Concen: 52.347 ug/l  
RT: 1.684 min Scan# 98  
Delta R.T. -0.006 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

Tgt Ion: 64 Resp: 60983  
Ion Ratio Lower Upper  
64 100  
66 31.5 30.6 46.0

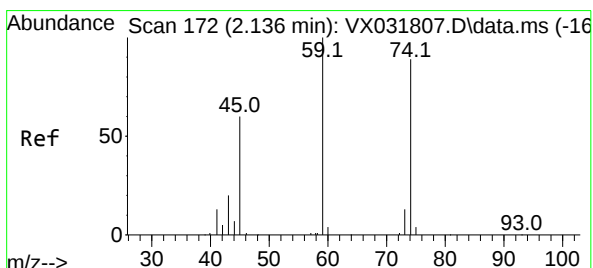
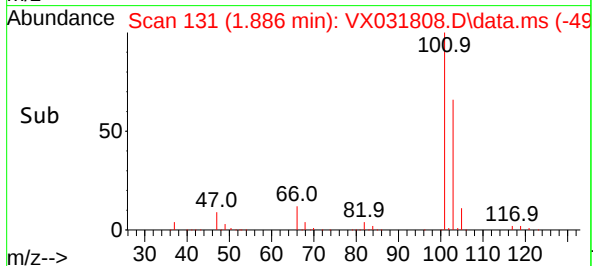
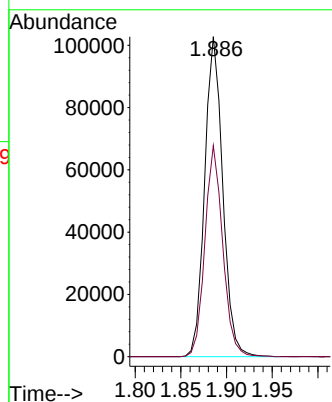
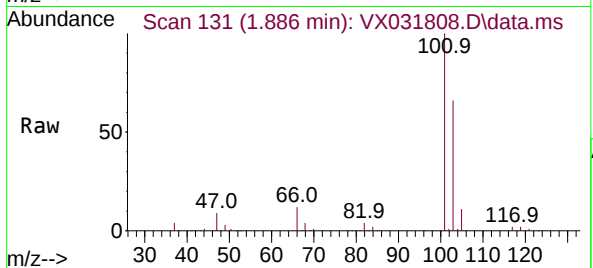




#7  
Trichlorofluoromethane  
Concen: 50.069 ug/l  
RT: 1.886 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

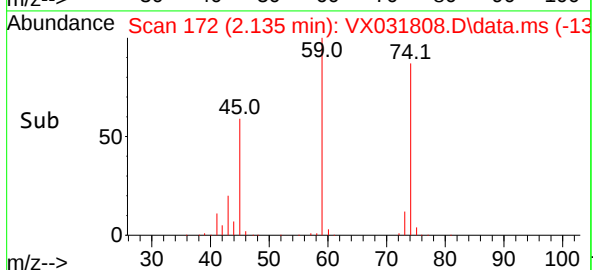
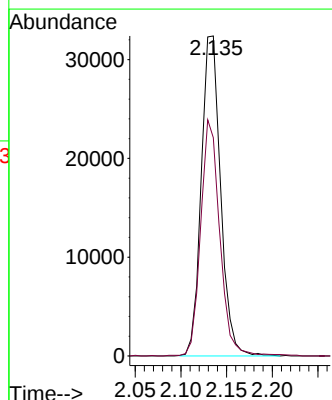
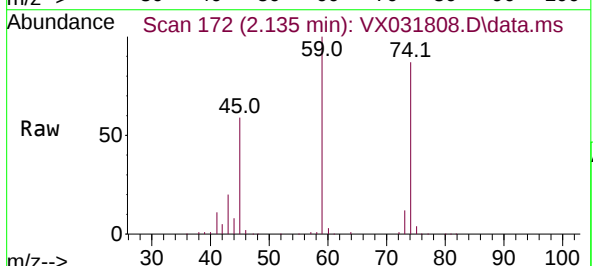
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC050

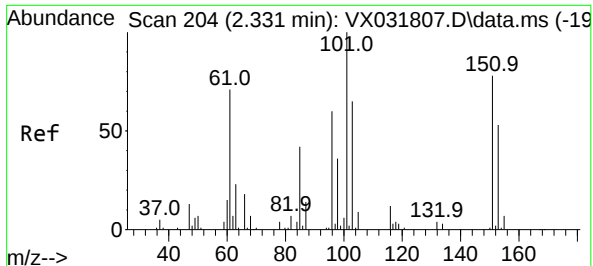
Tgt Ion:101 Resp: 141372  
Ion Ratio Lower Upper  
101 100  
103 66.0 51.7 77.5



#8  
Diethyl Ether  
Concen: 49.796 ug/l  
RT: 2.135 min Scan# 172  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

Tgt Ion: 74 Resp: 47641  
Ion Ratio Lower Upper  
74 100  
45 71.6 14.2 127.8

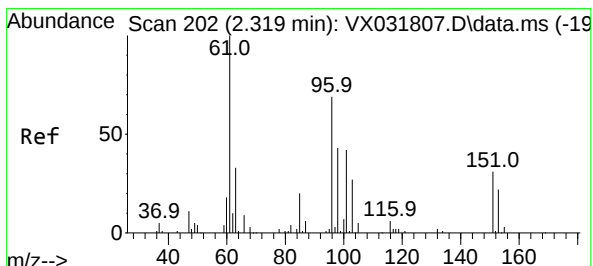
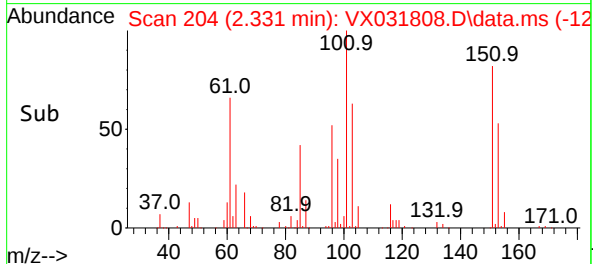
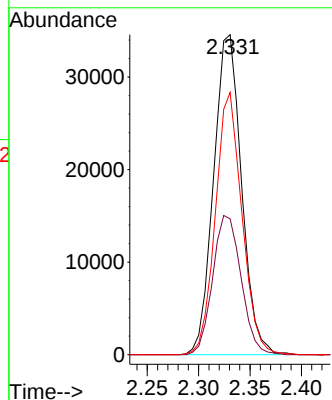
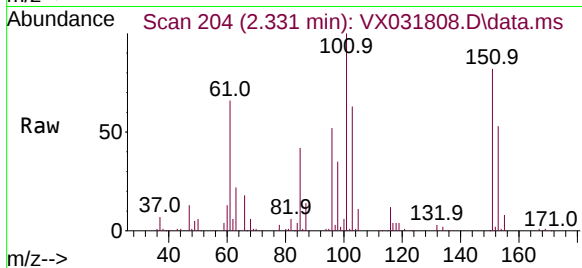




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 48.720 ug/l  
 RT: 2.331 min Scan# 204  
 Delta R.T. -0.000 min  
 Lab File: VX031808.D  
 Acq: 30 Sep 2022 12:34

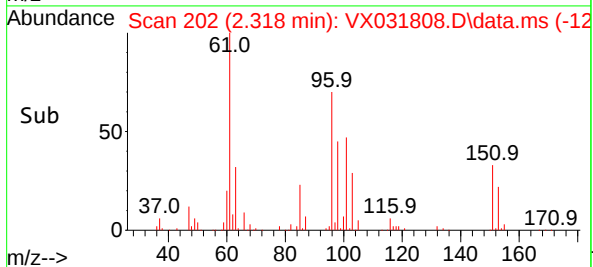
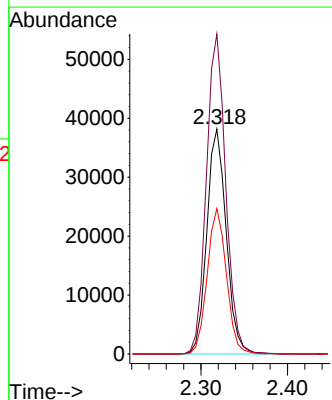
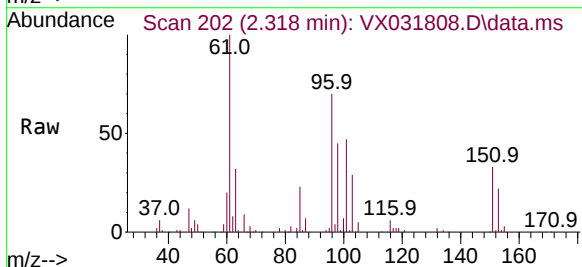
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC050

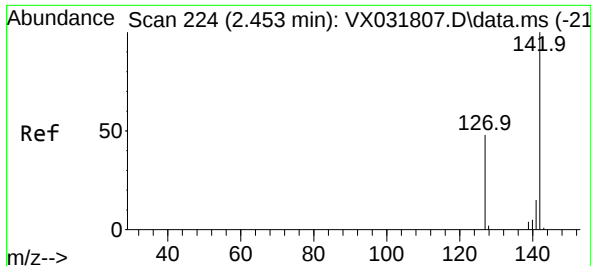
Tgt Ion:101 Resp: 65287  
 Ion Ratio Lower Upper  
 101 100  
 85 44.2 0.0 88.8  
 151 78.0 0.0 156.6



#10  
 1,1-Dichloroethene  
 Concen: 48.013 ug/l  
 RT: 2.318 min Scan# 202  
 Delta R.T. -0.000 min  
 Lab File: VX031808.D  
 Acq: 30 Sep 2022 12:34

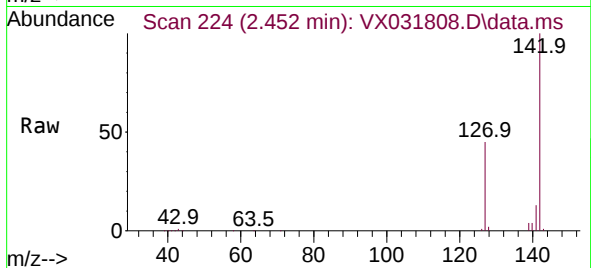
Tgt Ion: 96 Resp: 59422  
 Ion Ratio Lower Upper  
 96 100  
 61 142.2 115.8 173.6  
 98 64.6 49.7 74.5



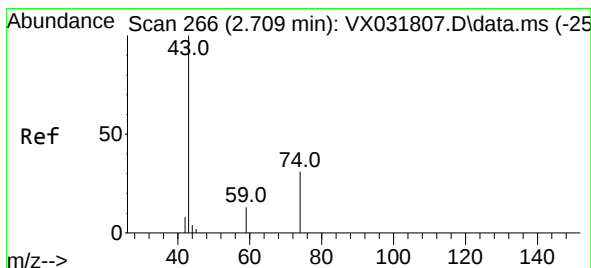
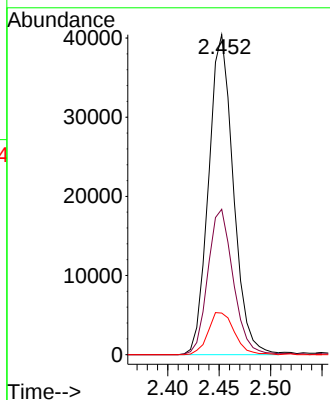
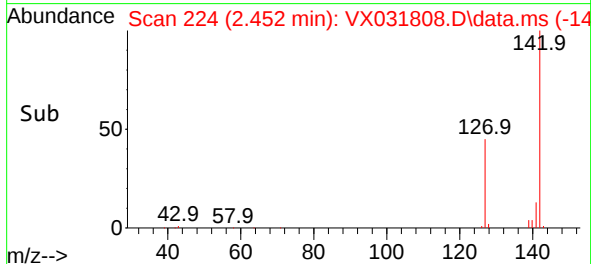


#11  
Methyl Iodide  
Concen: 50.036 ug/l  
RT: 2.452 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

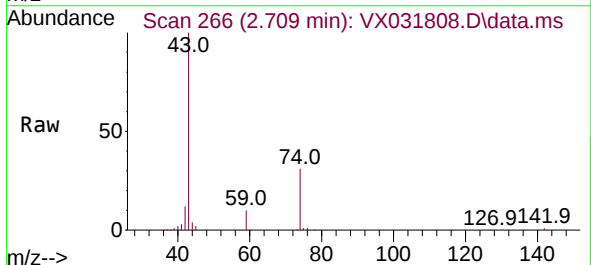
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050



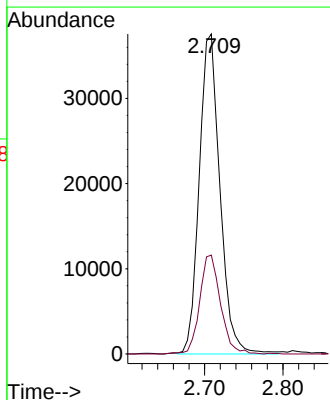
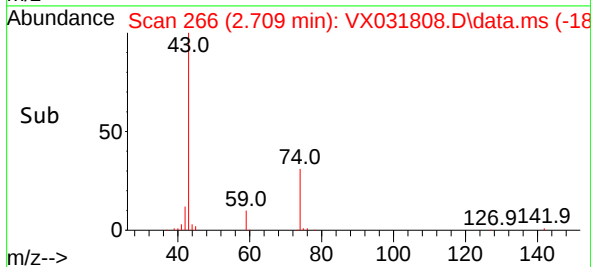
Tgt Ion:142 Resp: 67794  
Ion Ratio Lower Upper  
142 100  
127 45.4 23.8 71.2  
141 12.7 7.6 22.8

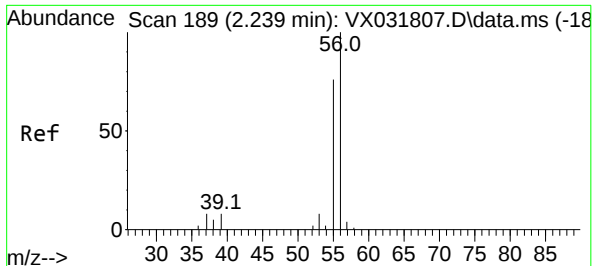


#12  
Methyl Acetate  
Concen: 48.833 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34



Tgt Ion: 43 Resp: 69051  
Ion Ratio Lower Upper  
43 100  
74 30.8 24.8 37.2

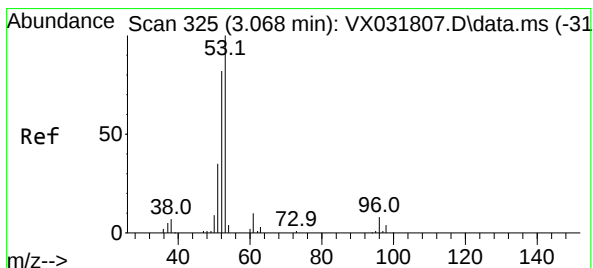
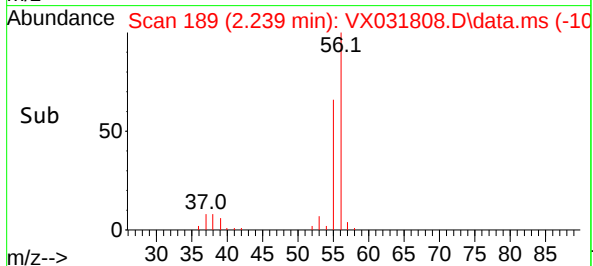
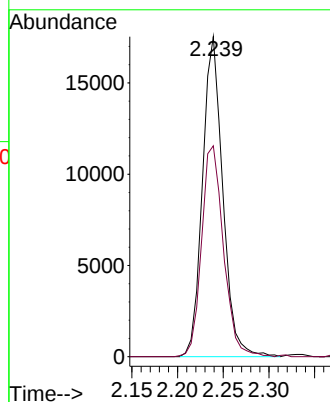
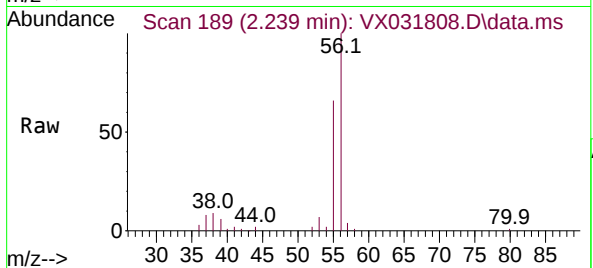




#13  
Acrolein  
Concen: 215.832 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

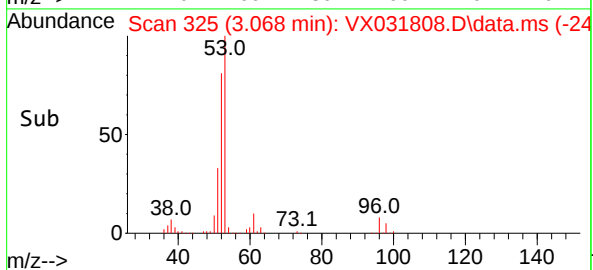
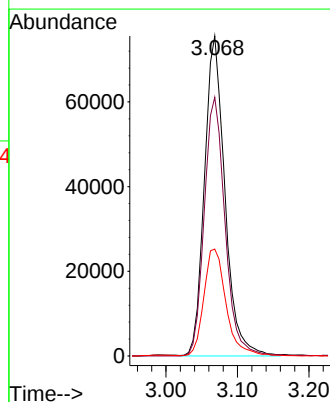
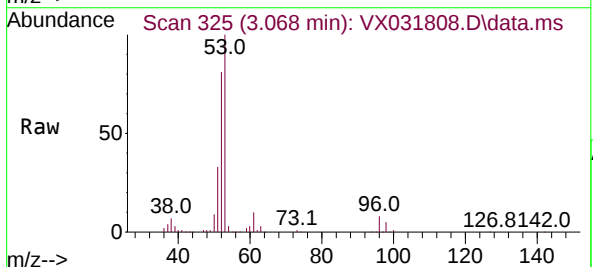
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

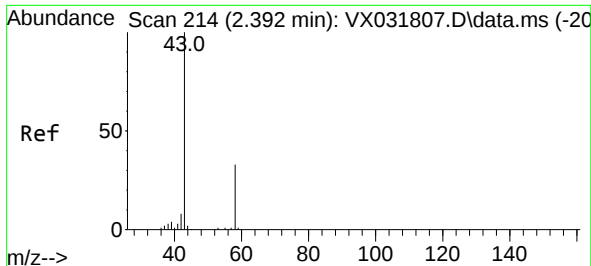
Tgt Ion: 56 Resp: 27033  
Ion Ratio Lower Upper  
56 100  
55 71.1 58.4 87.6



#14  
Acrylonitrile  
Concen: 250.674 ug/l  
RT: 3.068 min Scan# 325  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

Tgt Ion: 53 Resp: 150451  
Ion Ratio Lower Upper  
53 100  
52 81.8 41.5 124.5  
51 36.4 18.3 54.9

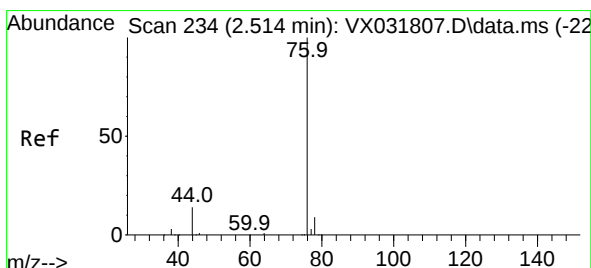
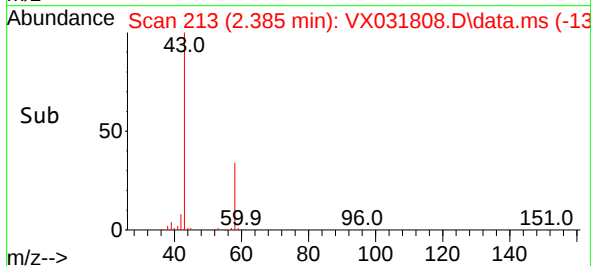
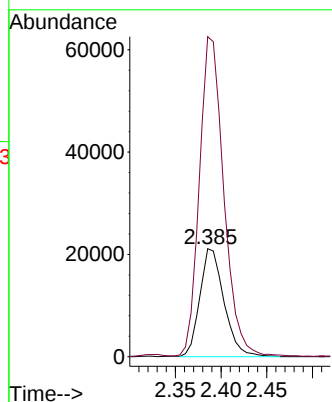
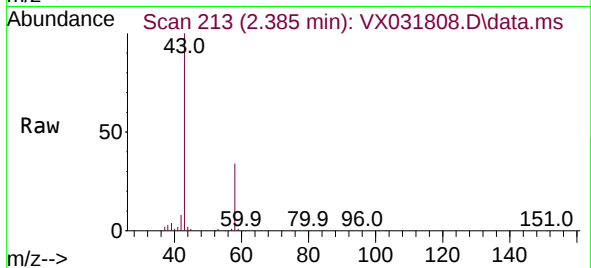




#15  
Acetone  
Concen: 239.032 ug/l  
RT: 2.385 min Scan# 214  
Delta R.T. -0.006 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

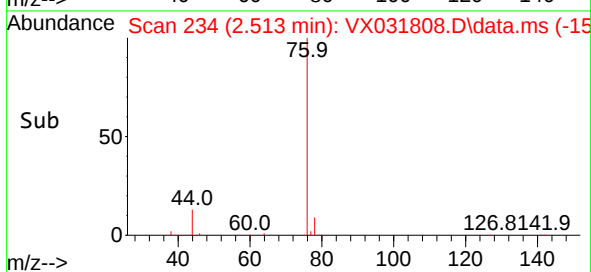
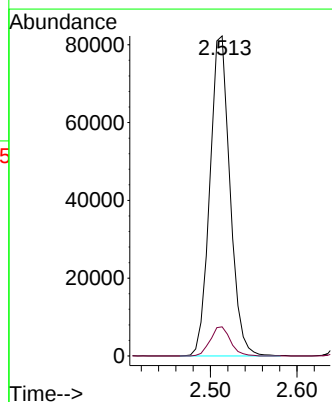
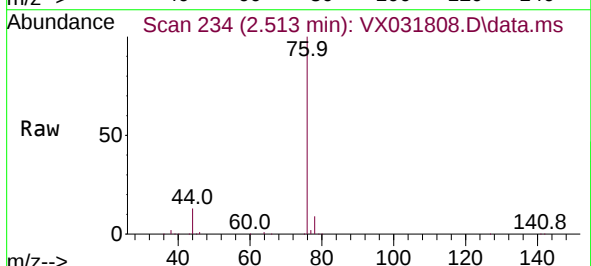
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

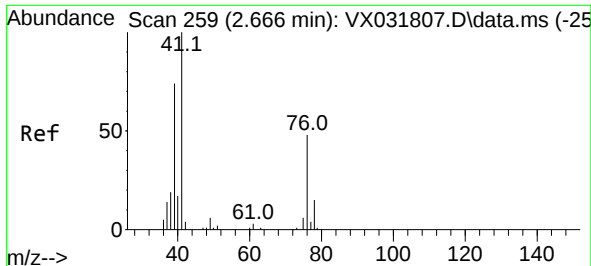
Tgt Ion: 58 Resp: 38864  
Ion Ratio Lower Upper  
58 100  
43 294.7 242.6 364.0



#16  
Carbon Disulfide  
Concen: 48.873 ug/l  
RT: 2.513 min Scan# 234  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

Tgt Ion: 76 Resp: 132702  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.5 11.3





#17

Allyl chloride

Concen: 50.141 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX031808.D

Acq: 30 Sep 2022 12:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC050

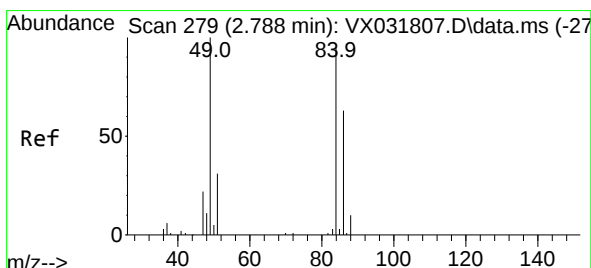
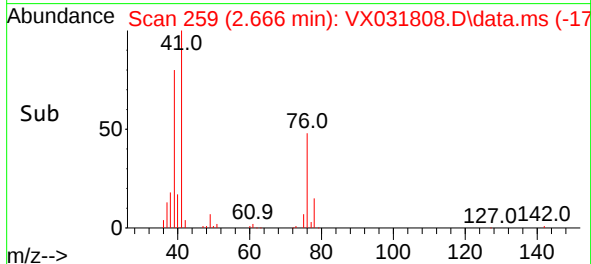
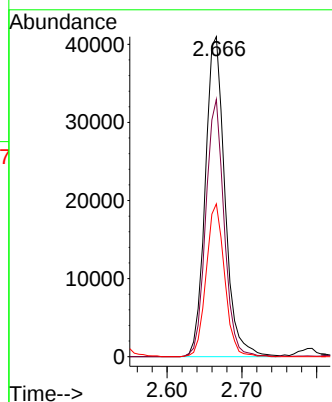
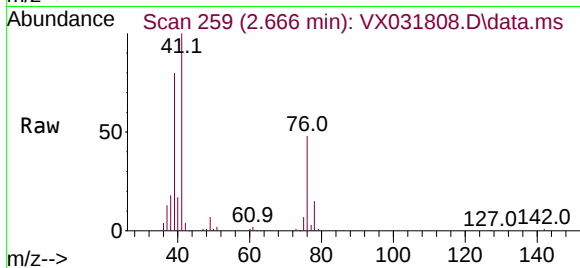
Tgt Ion: 41 Resp: 75121

Ion Ratio Lower Upper

41 100

39 80.4 37.0 111.0

76 47.8 23.8 71.5



#18

Methylene Chloride

Concen: 48.936 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX031808.D

Acq: 30 Sep 2022 12:34

Tgt Ion: 84 Resp: 69313

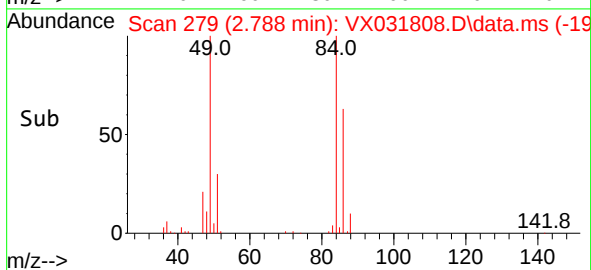
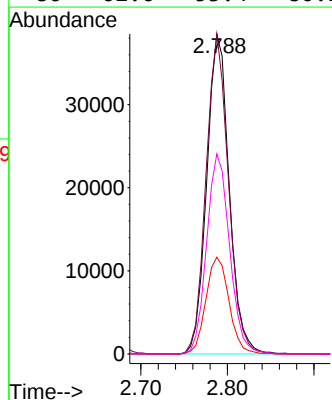
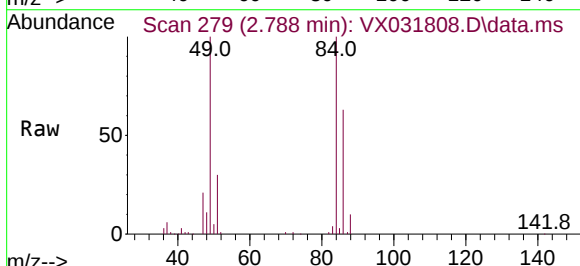
Ion Ratio Lower Upper

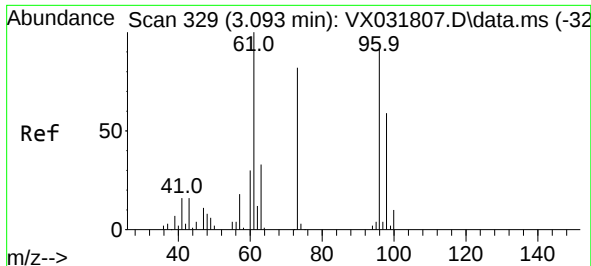
84 100

49 100.1 84.6 127.0

51 30.3 26.5 39.7

86 62.6 53.4 80.2

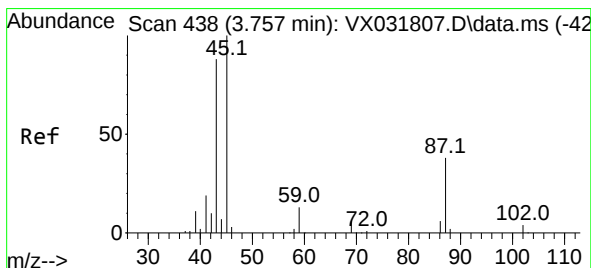
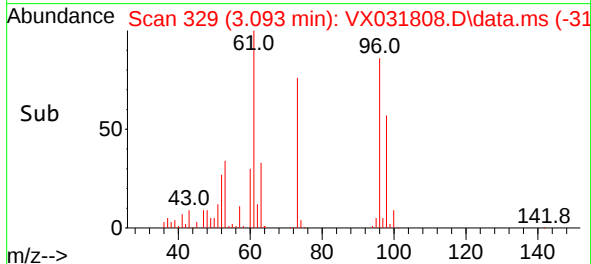
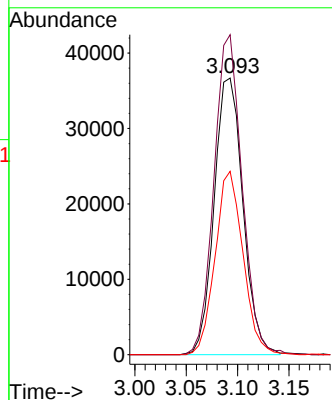
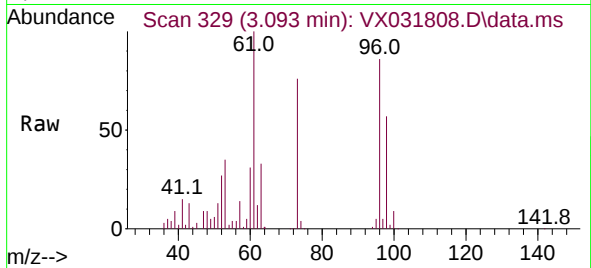




#19  
trans-1,2-Dichloroethene  
Concen: 49.839 ug/l  
RT: 3.093 min Scan# 319  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

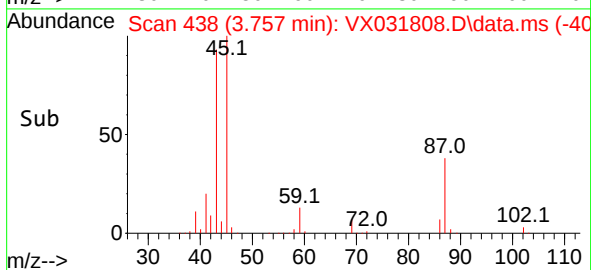
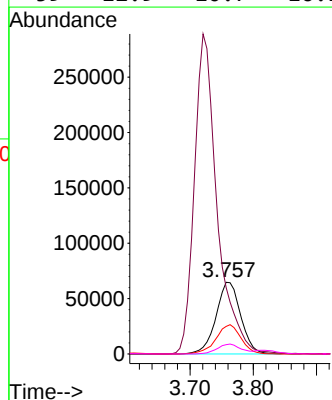
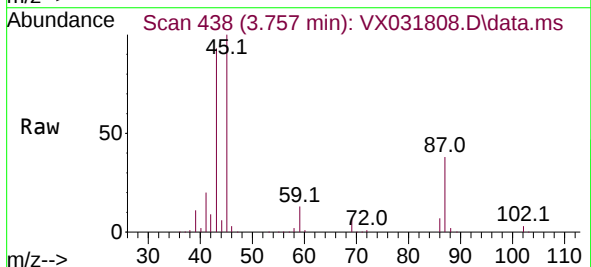
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

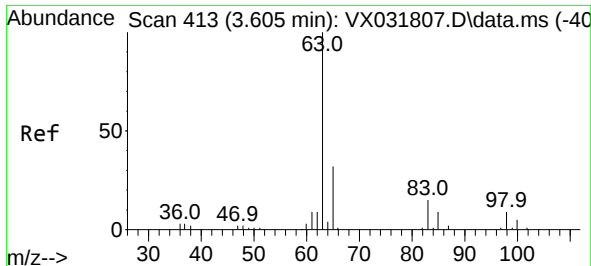
Tgt Ion: 96 Resp: 71425  
Ion Ratio Lower Upper  
96 100  
61 115.7 87.4 131.0  
98 66.3 51.5 77.3



#20  
Diisopropyl ether  
Concen: 50.956 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

Tgt Ion: 45 Resp: 175435  
Ion Ratio Lower Upper  
45 100  
43 91.3 74.5 111.7  
87 38.4 30.4 45.6  
59 12.9 10.7 16.1





#21

1,1-Dichloroethane

Concen: 50.420 ug/l

RT: 3.611 min Scan# 413

Delta R.T. 0.006 min

Lab File: VX031808.D

Acq: 30 Sep 2022 12:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC050

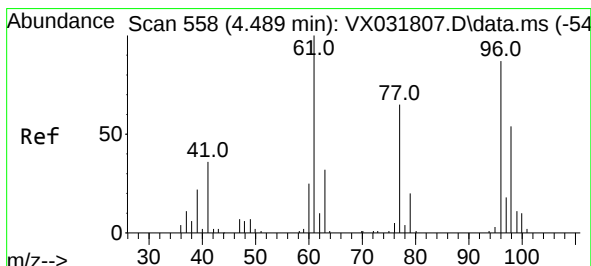
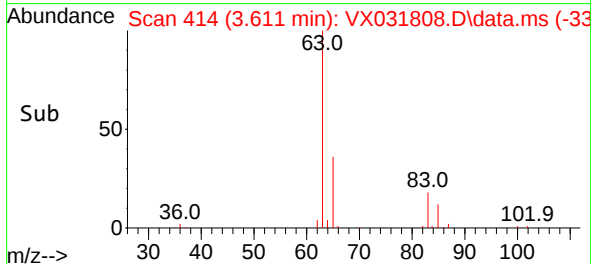
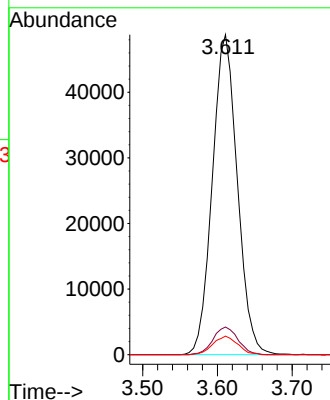
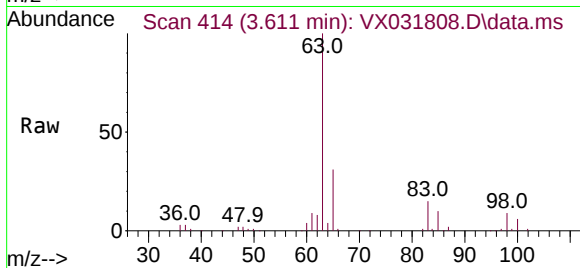
Tgt Ion: 63 Resp: 113248

Ion Ratio Lower Upper

63 100

98 8.7 4.5 13.7

100 5.8 2.8 8.3



#22

cis-1,2-Dichloroethene

Concen: 49.928 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX031808.D

Acq: 30 Sep 2022 12:34

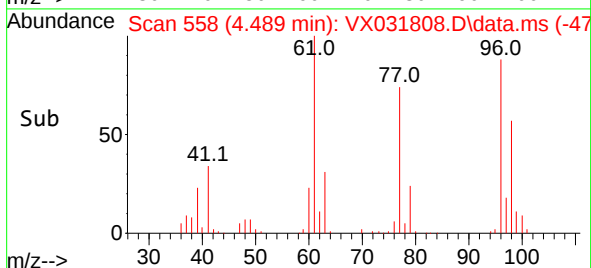
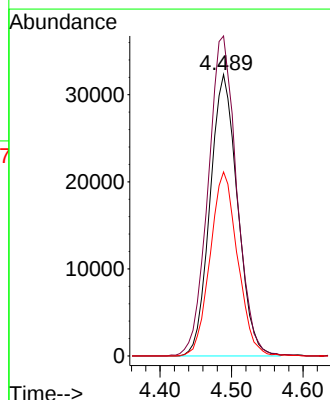
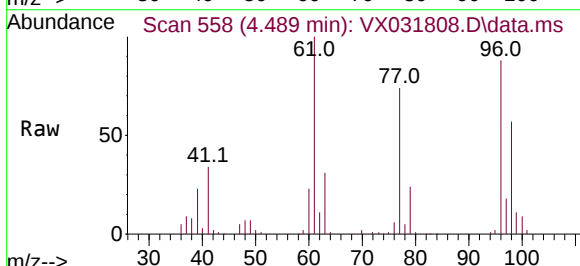
Tgt Ion: 96 Resp: 86437

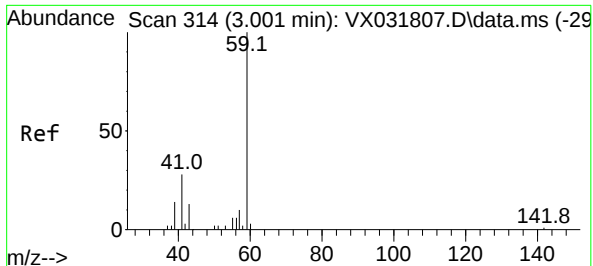
Ion Ratio Lower Upper

96 100

61 118.2 98.0 147.0

98 65.2 52.2 78.4

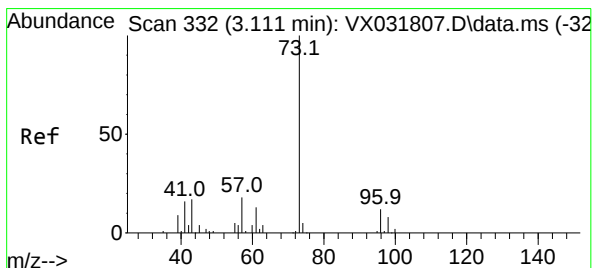
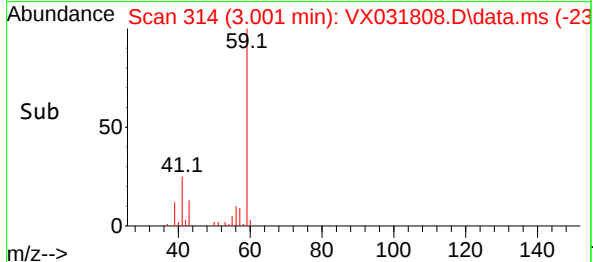
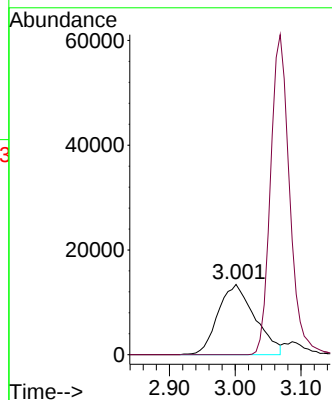
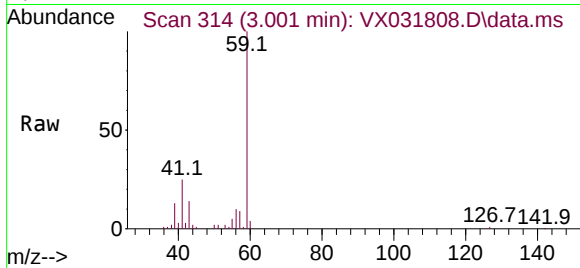




#23  
tert-Butyl Alcohol  
Concen: 234.838 ug/l  
RT: 3.001 min Scan# 314  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

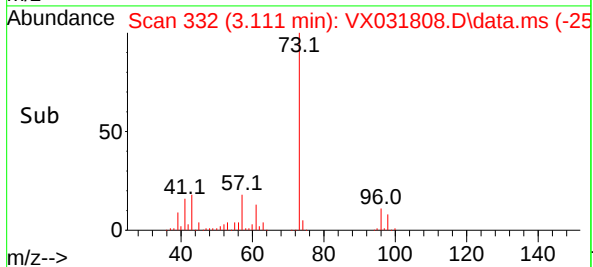
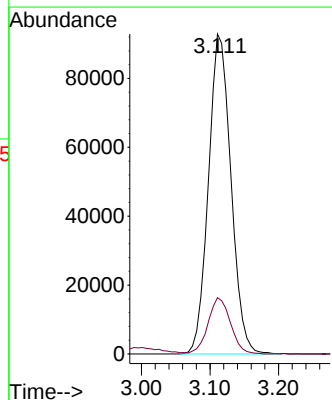
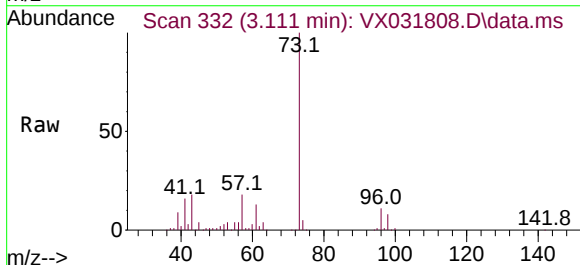
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

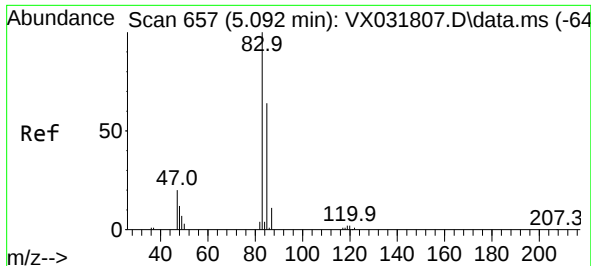
Tgt Ion: 59 Resp: 52499  
Ion Ratio Lower Upper  
59 100  
52 234.5 0.0 0.0#



#24  
Methyl tert-Butyl Ether  
Concen: 49.882 ug/l  
RT: 3.111 min Scan# 332  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

Tgt Ion: 73 Resp: 212182  
Ion Ratio Lower Upper  
73 100  
43 17.5 14.8 22.2

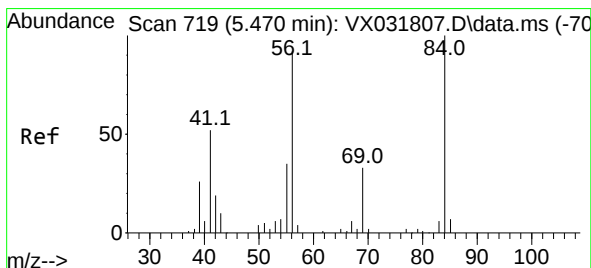
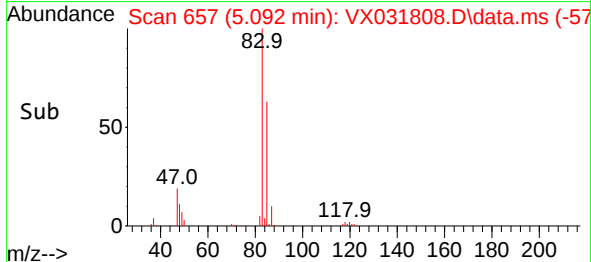
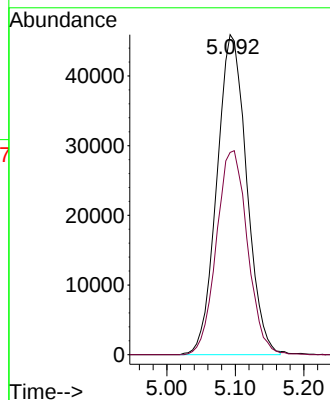
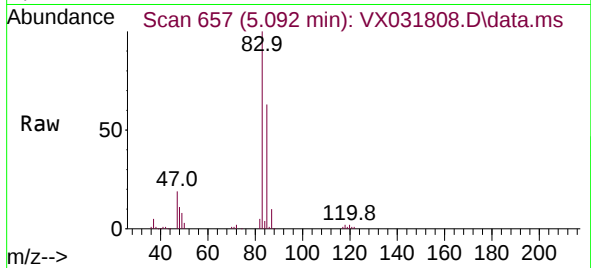




#25  
Chloroform  
Concen: 50.344 ug/l  
RT: 5.092 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

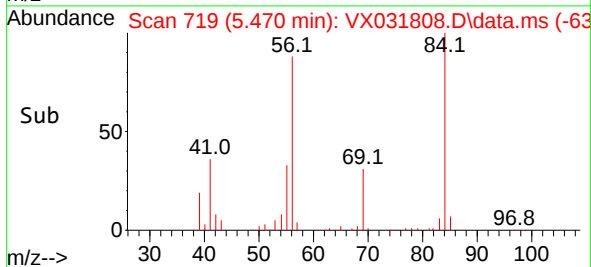
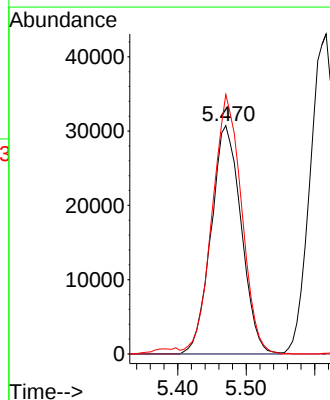
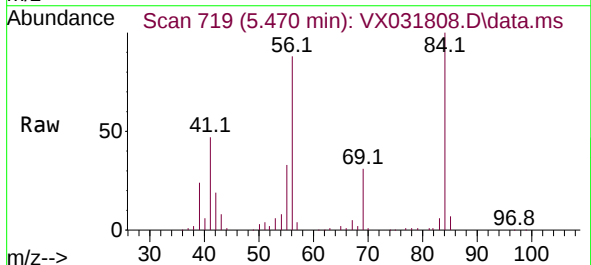
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

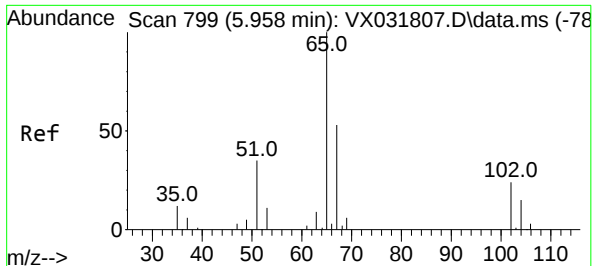
Tgt Ion: 83 Resp: 138832  
Ion Ratio Lower Upper  
83 100  
85 63.2 51.4 77.0



#26  
Cyclohexane  
Concen: 50.684 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

Tgt Ion: 56 Resp: 93907  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 110.7 86.6 130.0





#27

1,2-Dichloroethane-d4

Concen: 29.903 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031808.D

Acq: 30 Sep 2022 12:34

Instrument :

MSVOA\_X

ClientSampleId :

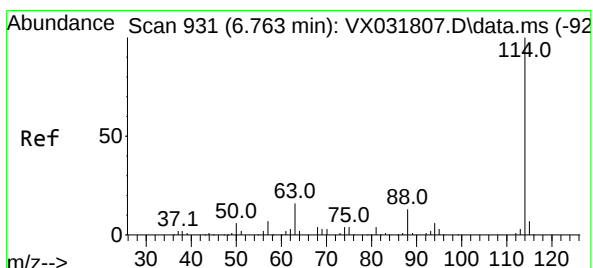
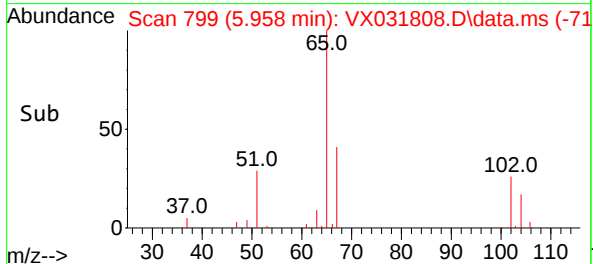
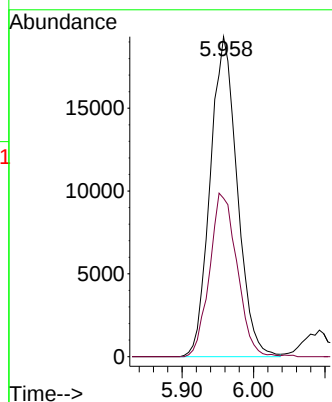
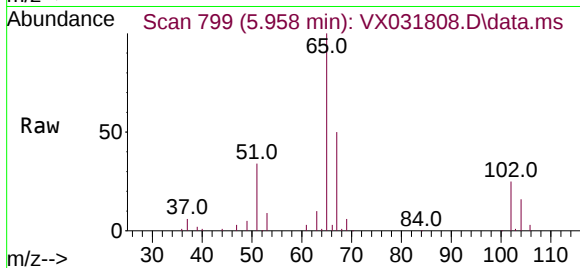
VSTDIC050

Tgt Ion: 65 Resp: 50737

Ion Ratio Lower Upper

65 100

67 51.7 41.8 62.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031808.D

Acq: 30 Sep 2022 12:34

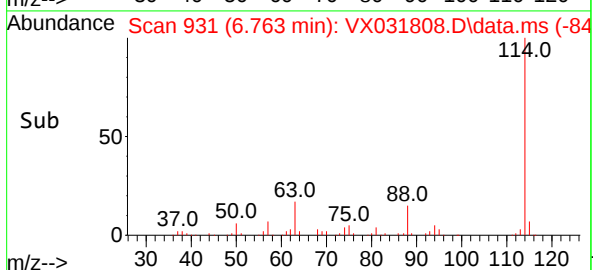
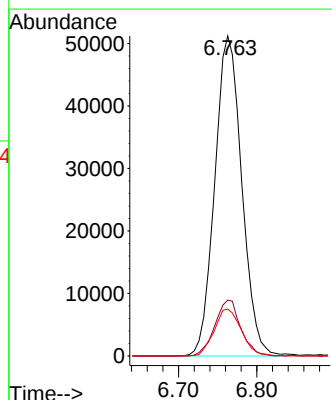
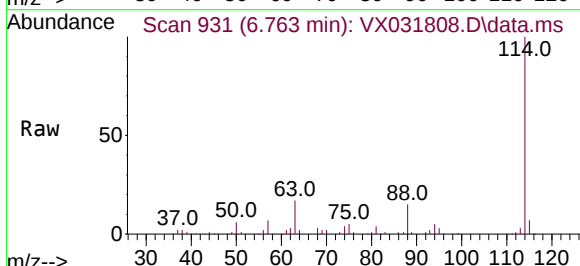
Tgt Ion: 114 Resp: 122577

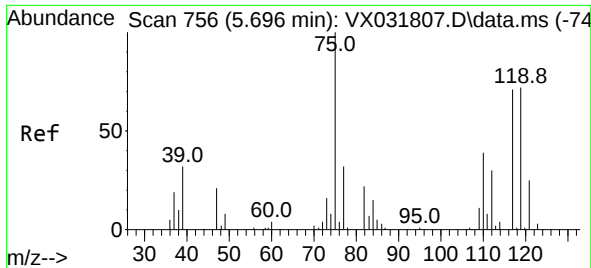
Ion Ratio Lower Upper

114 100

63 16.7 13.6 20.4

88 14.8 11.8 17.6





#29

1,1-Dichloropropene

Concen: 50.310 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.000 min

Lab File: VX031808.D

Acq: 30 Sep 2022 12:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC050

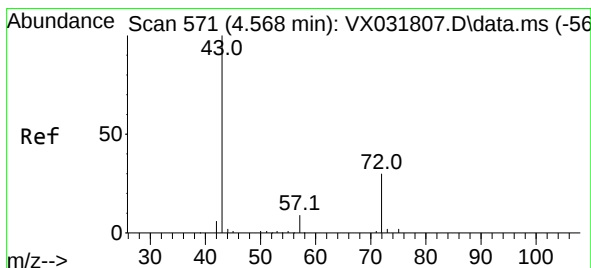
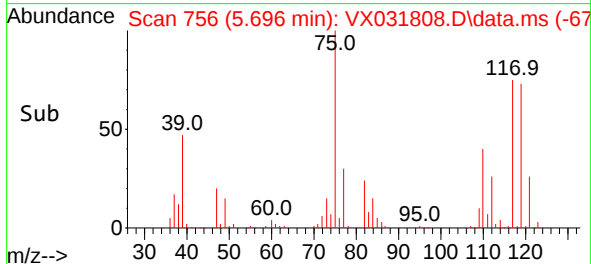
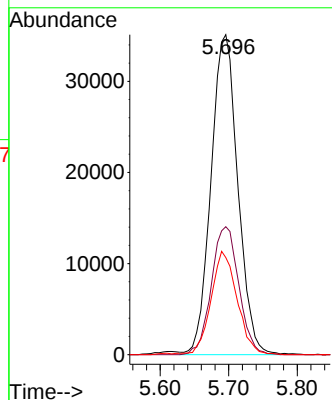
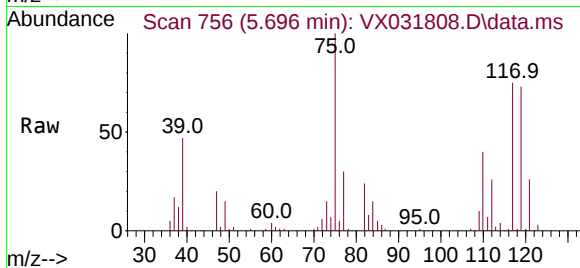
Tgt Ion: 75 Resp: 95592

Ion Ratio Lower Upper

75 100

110 40.8 0.0 80.4

77 31.3 0.0 62.0



#30

2-Butanone

Concen: 249.666 ug/l

RT: 4.562 min Scan# 570

Delta R.T. -0.006 min

Lab File: VX031808.D

Acq: 30 Sep 2022 12:34

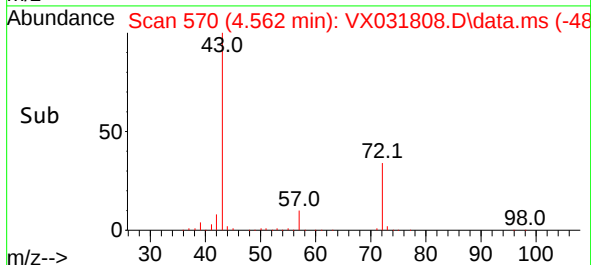
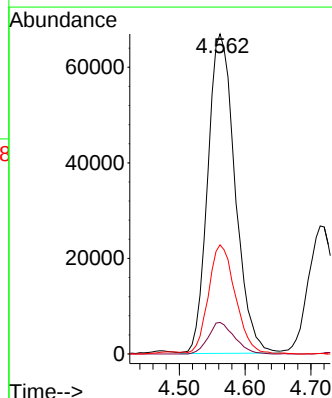
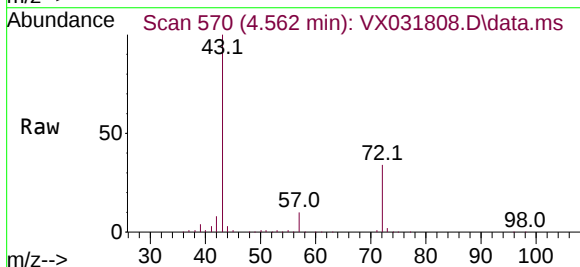
Tgt Ion: 43 Resp: 193100

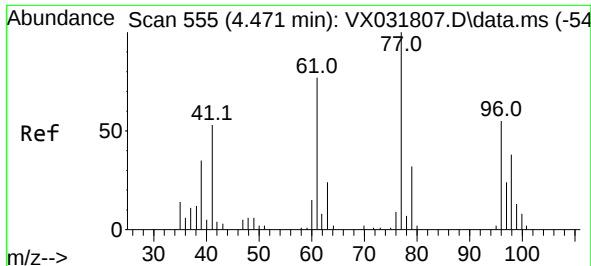
Ion Ratio Lower Upper

43 100

57 9.5 7.5 11.3

72 33.7 26.6 39.8





#31

2,2-Dichloropropane

Concen: 50.988 ug/l

RT: 4.476 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX031808.D

Acq: 30 Sep 2022 12:34

Instrument :

MSVOA\_X

ClientSampleId :

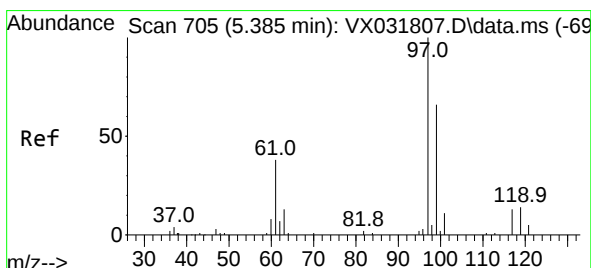
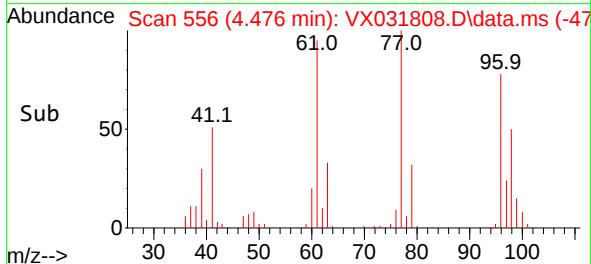
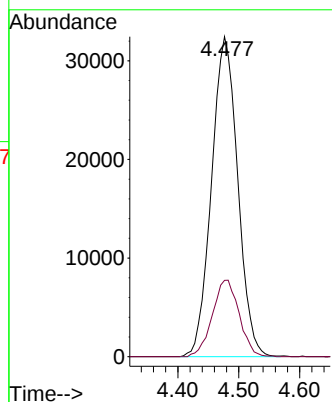
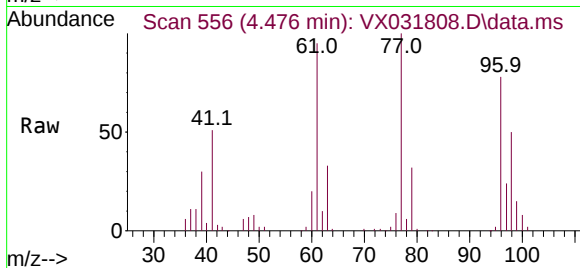
VSTDIC050

Tgt Ion: 77 Resp: 97009

Ion Ratio Lower Upper

77 100

97 24.4 20.0 30.0



#32

1,1,1-Trichloroethane

Concen: 50.703 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX031808.D

Acq: 30 Sep 2022 12:34

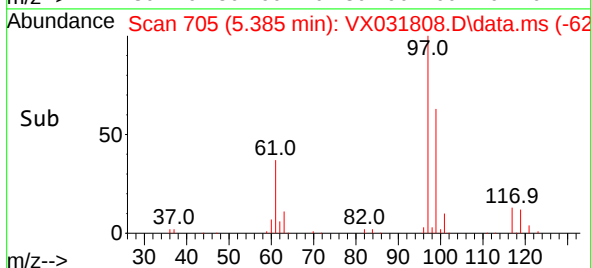
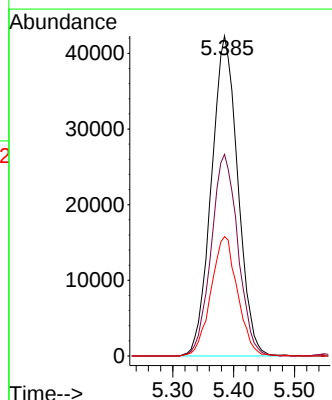
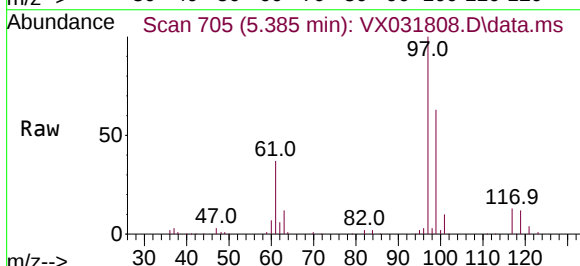
Tgt Ion: 97 Resp: 127525

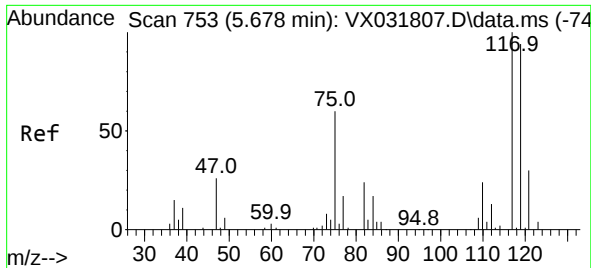
Ion Ratio Lower Upper

97 100

99 63.7 53.8 80.6

61 37.3 31.3 46.9

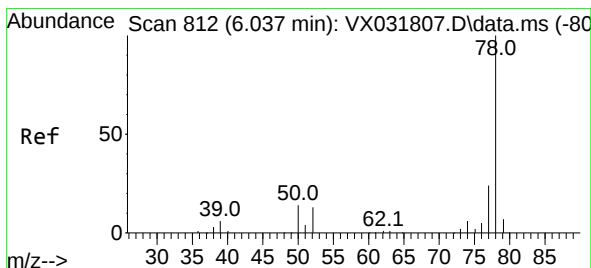
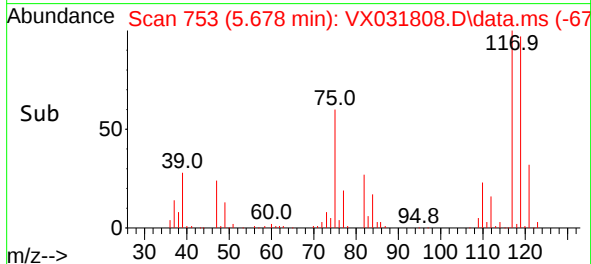
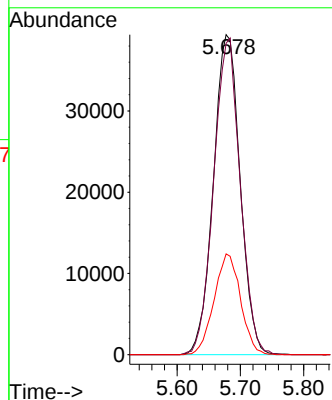
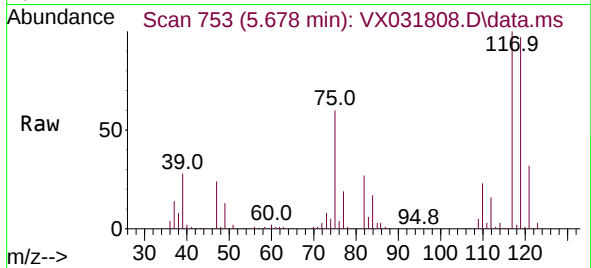




#33  
Carbon Tetrachloride  
Concen: 50.122 ug/l  
RT: 5.678 min Scan# 753  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

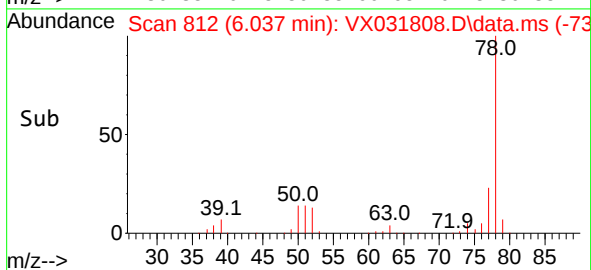
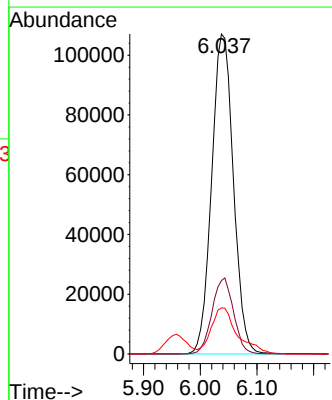
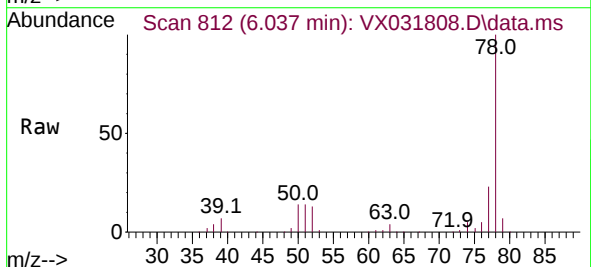
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

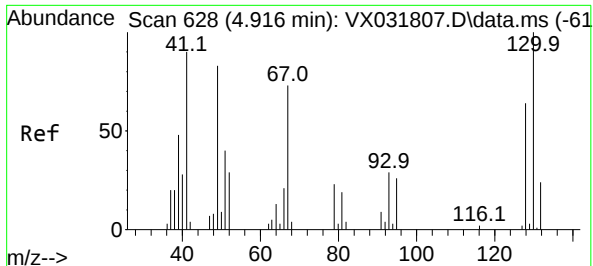
Tgt Ion:117 Resp: 115587  
Ion Ratio Lower Upper  
117 100  
119 97.3 75.4 113.2  
121 31.5 24.4 36.6



#34  
Benzene  
Concen: 50.704 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

Tgt Ion: 78 Resp: 285107  
Ion Ratio Lower Upper  
78 100  
77 23.0 19.0 28.6  
51 14.3 10.6 15.8



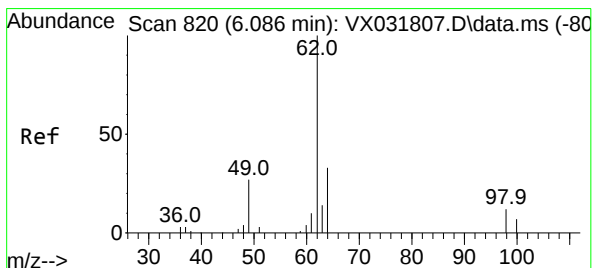
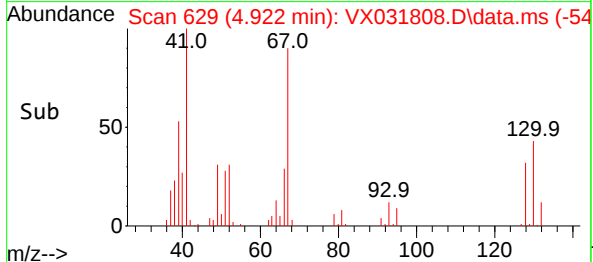
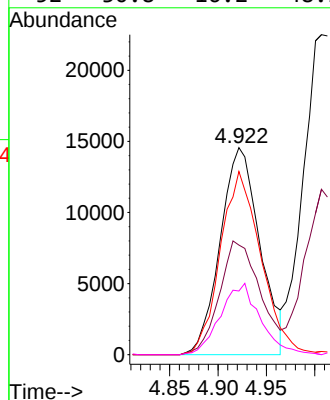
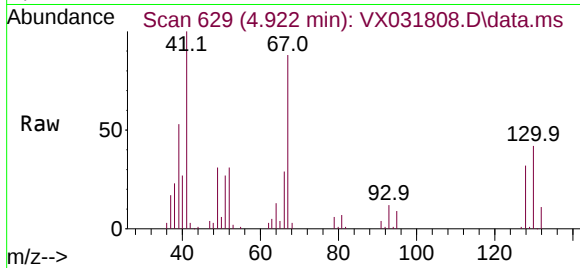


#35  
Methacrylonitrile  
Concen: 51.401 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC050

Tgt Ion: 41 Resp: 41544

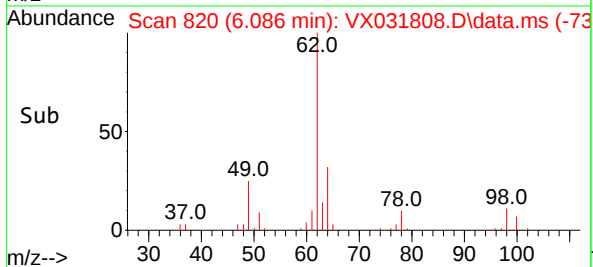
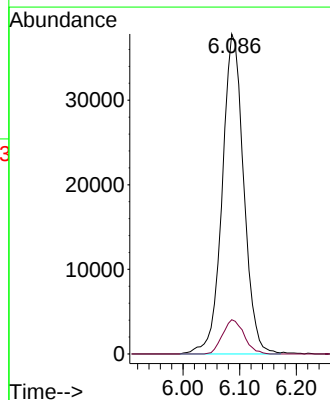
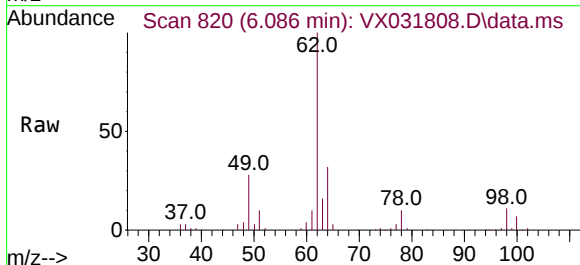
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 53.0  | 26.9  | 80.7  |
| 67  | 88.5  | 40.6  | 121.8 |
| 52  | 30.8  | 16.2  | 48.5  |

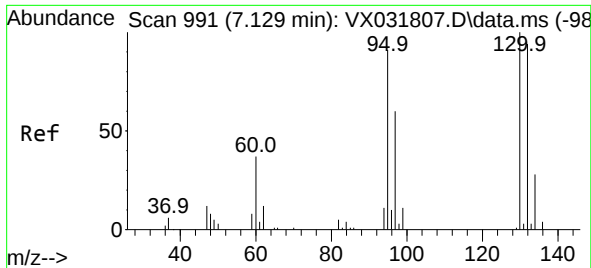


#36  
1,2-Dichloroethane  
Concen: 50.382 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

Tgt Ion: 62 Resp: 99813

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 10.7  | 8.8   | 13.2  |

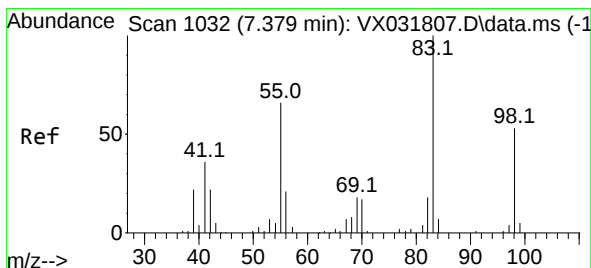
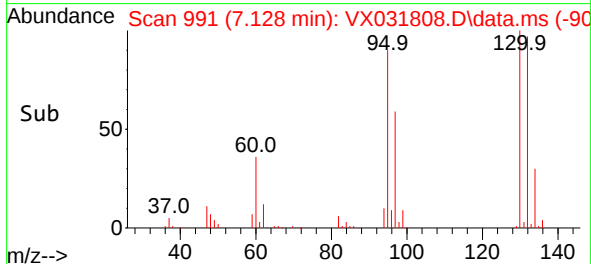
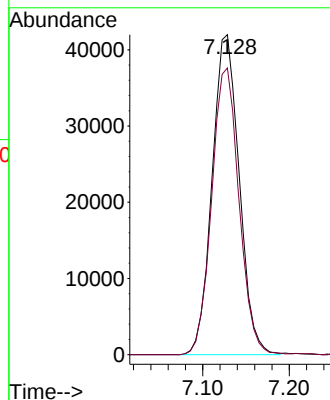
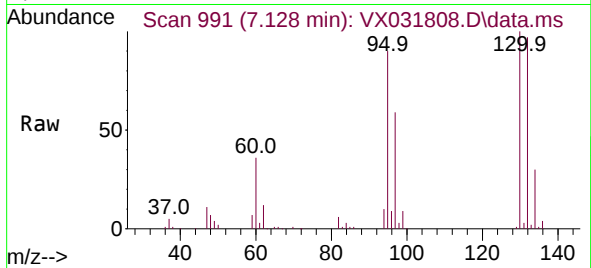




#37  
Trichloroethene  
Concen: 49.732 ug/l  
RT: 7.128 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

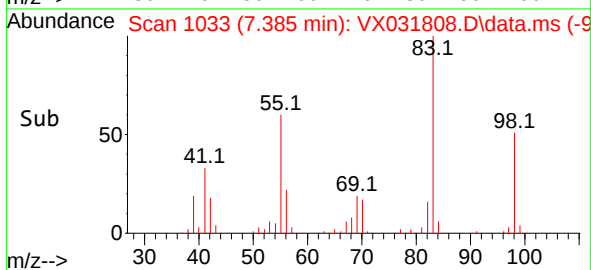
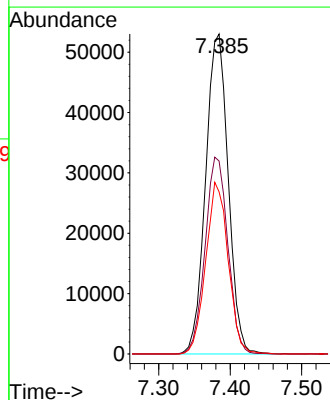
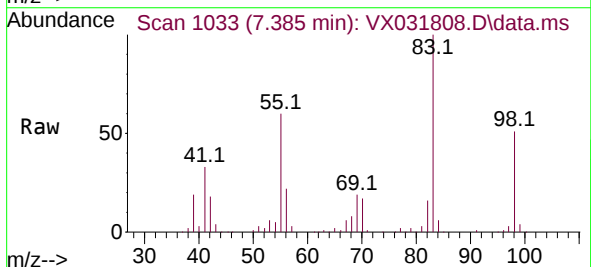
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

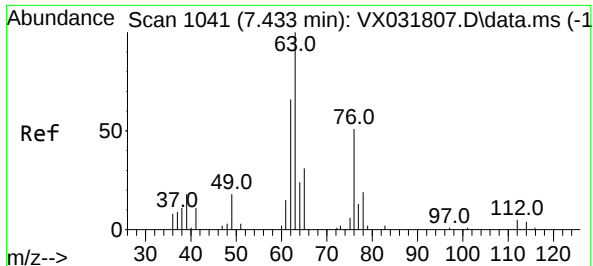
Tgt Ion:130 Resp: 91237  
Ion Ratio Lower Upper  
130 100  
95 89.6 72.4 108.6



#38  
Methylcyclohexane  
Concen: 50.051 ug/l  
RT: 7.385 min Scan# 1033  
Delta R.T. 0.006 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

Tgt Ion: 83 Resp: 116414  
Ion Ratio Lower Upper  
83 100  
55 62.0 31.6 94.7  
98 53.2 26.9 80.6





#39

1,2-Dichloropropane

Concen: 49.937 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX031808.D

Acq: 30 Sep 2022 12:34

Instrument :

MSVOA\_X

ClientSampleId :

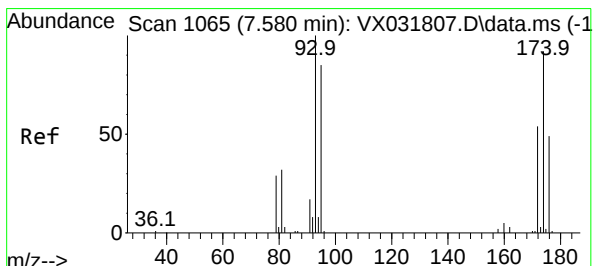
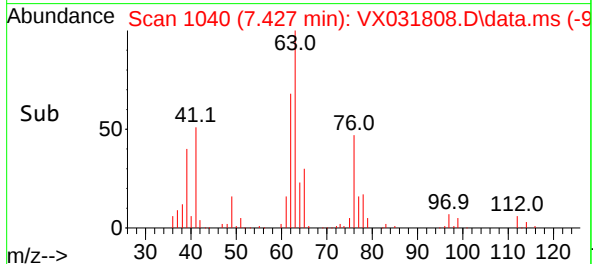
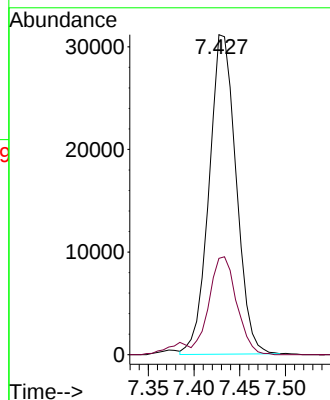
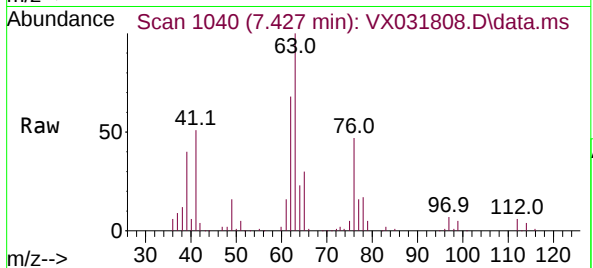
VSTDIC050

Tgt Ion: 63 Resp: 64178

Ion Ratio Lower Upper

63 100

65 30.2 26.5 39.7



#40

Dibromomethane

Concen: 49.577 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX031808.D

Acq: 30 Sep 2022 12:34

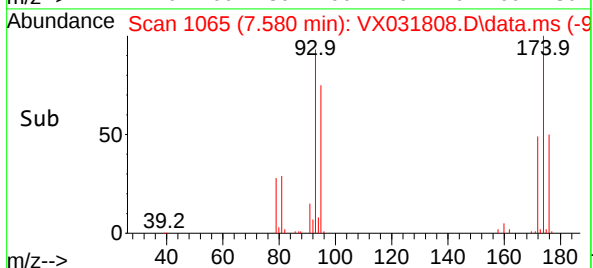
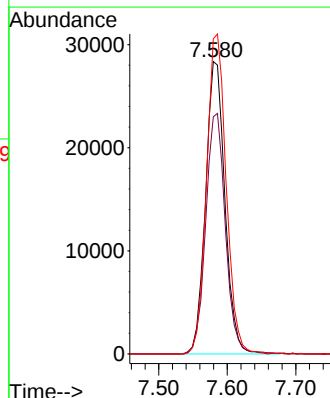
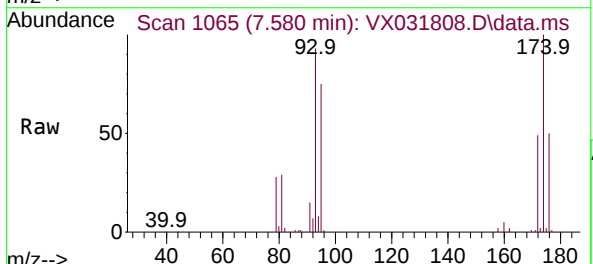
Tgt Ion: 93 Resp: 55729

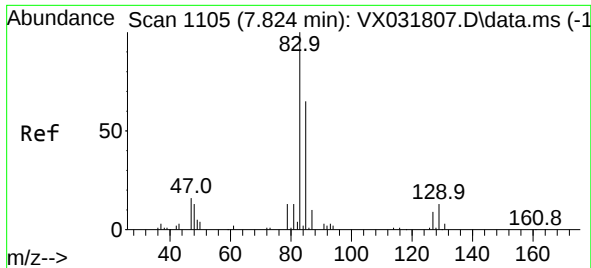
Ion Ratio Lower Upper

93 100

95 83.4 0.0 165.0

174 111.3 0.0 205.2

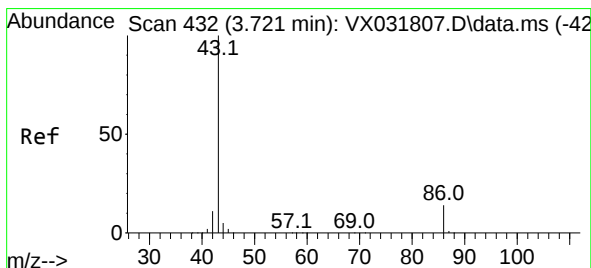
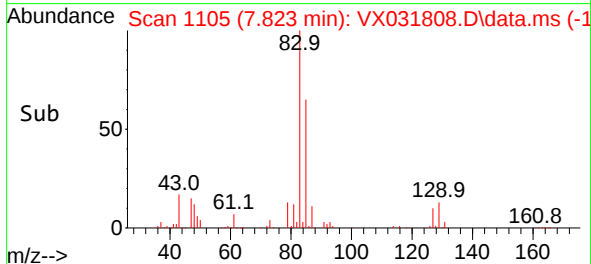
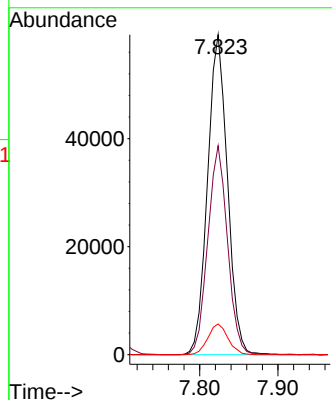
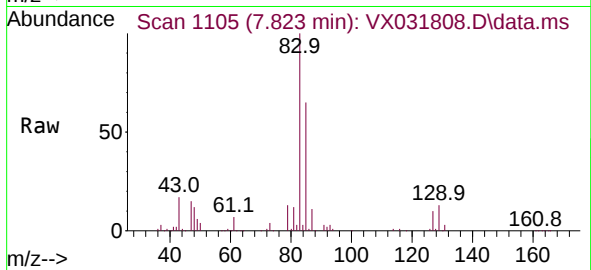




#41  
Bromodichloromethane  
Concen: 51.319 ug/l  
RT: 7.823 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

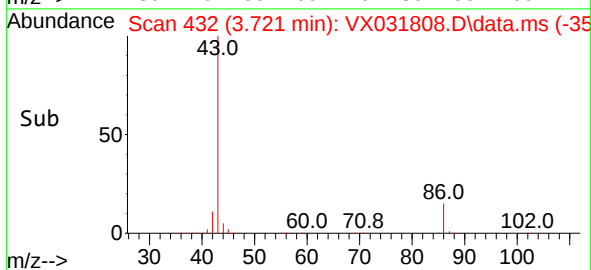
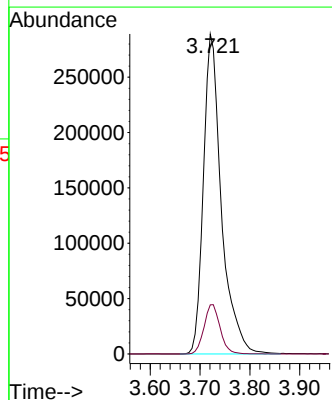
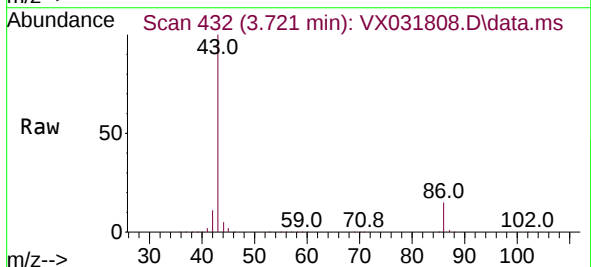
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

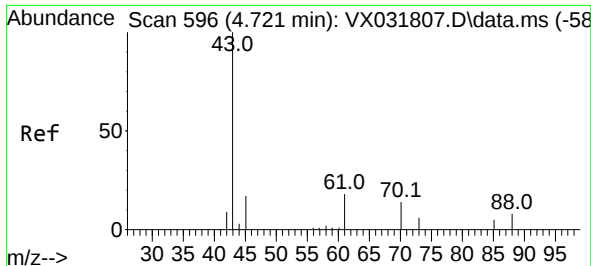
Tgt Ion: 83 Resp: 104629  
Ion Ratio Lower Upper  
83 100  
85 65.3 52.3 78.5  
127 9.6 6.8 10.2



#42  
Vinyl Acetate  
Concen: 259.828 ug/l  
RT: 3.721 min Scan# 432  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

Tgt Ion: 43 Resp: 724684  
Ion Ratio Lower Upper  
43 100  
86 13.8 10.3 15.5

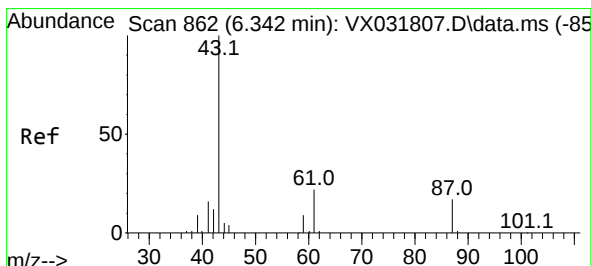
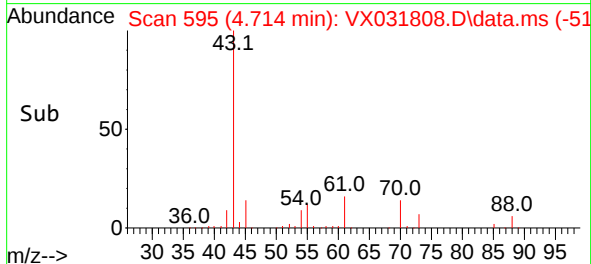
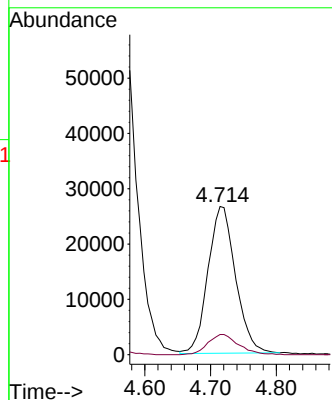
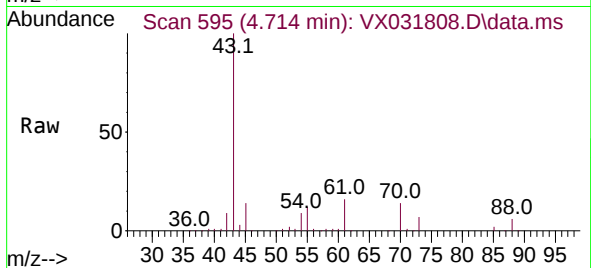




#43  
Ethyl Acetate  
Concen: 49.766 ug/l  
RT: 4.714 min Scan# 595  
Delta R.T. -0.006 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

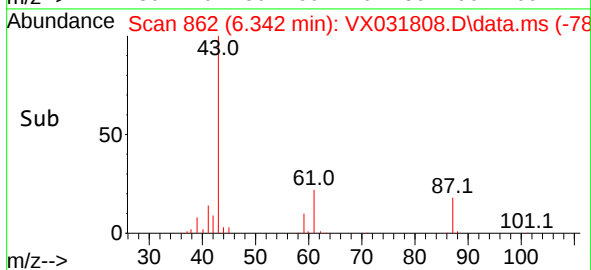
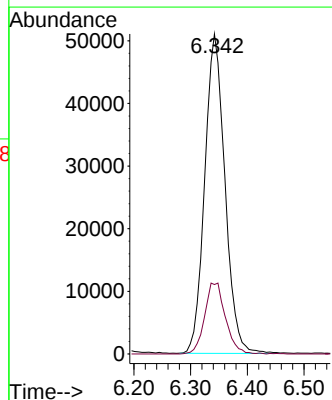
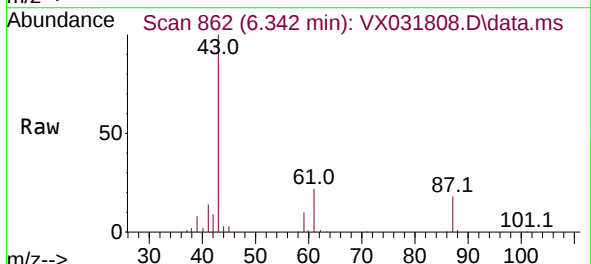
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

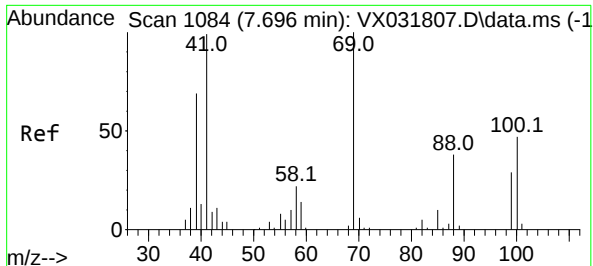
Tgt Ion: 43 Resp: 77338  
Ion Ratio Lower Upper  
43 100  
45 15.2 8.2 12.2#



#44  
Isopropyl Acetate  
Concen: 51.231 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

Tgt Ion: 43 Resp: 126540  
Ion Ratio Lower Upper  
43 100  
61 22.8 17.2 25.8

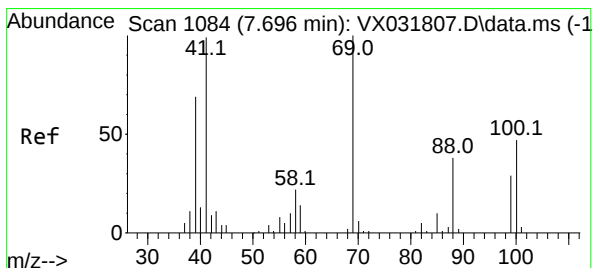
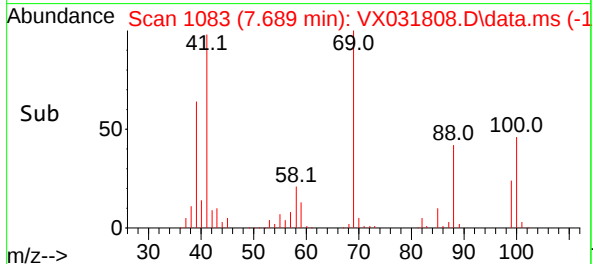
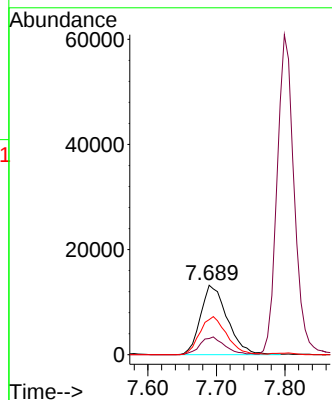
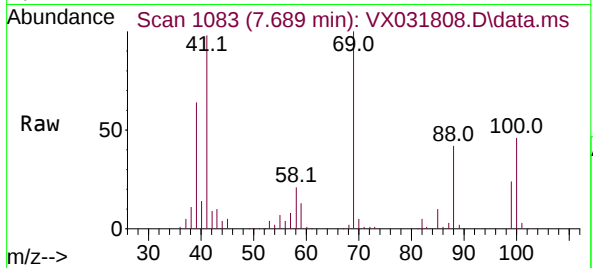




#45  
1,4-Dioxane  
Concen: 1016.115 ug/l  
RT: 7.689 min Scan# 1083  
Delta R.T. -0.006 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

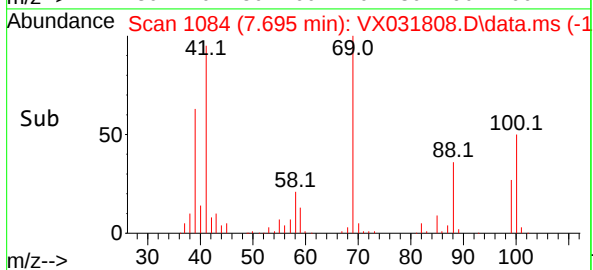
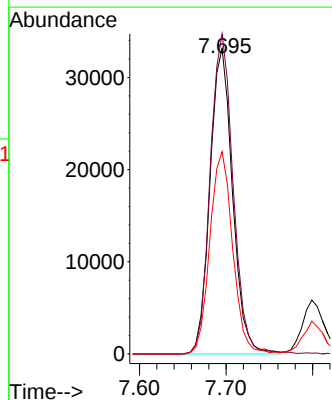
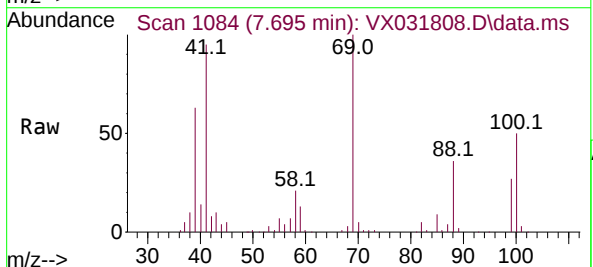
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

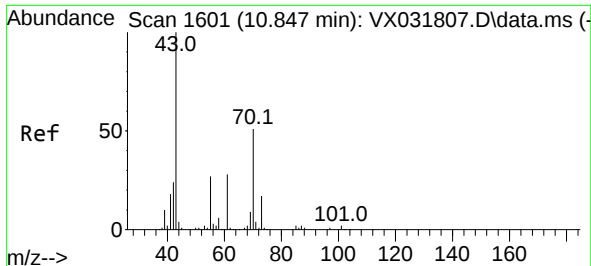
Tgt Ion: 88 Resp: 35915  
Ion Ratio Lower Upper  
88 100  
43 23.8 20.4 30.6  
58 54.8 44.0 66.0



#46  
Methyl methacrylate  
Concen: 52.071 ug/l  
RT: 7.695 min Scan# 1084  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

Tgt Ion: 41 Resp: 60034  
Ion Ratio Lower Upper  
41 100  
69 104.7 50.5 151.5  
39 66.2 34.6 103.8

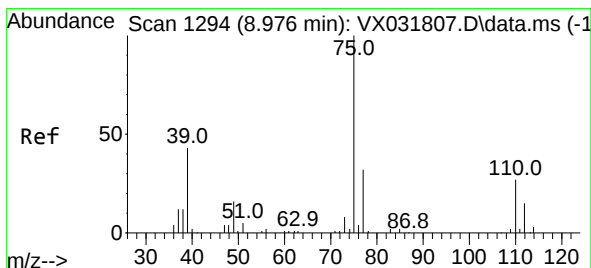
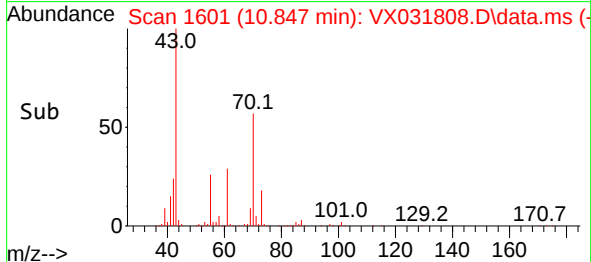
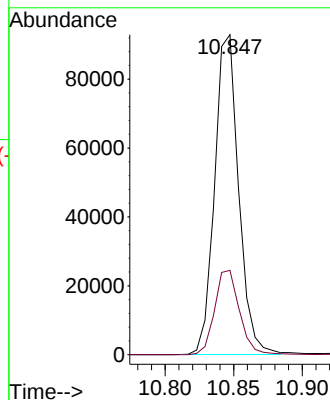
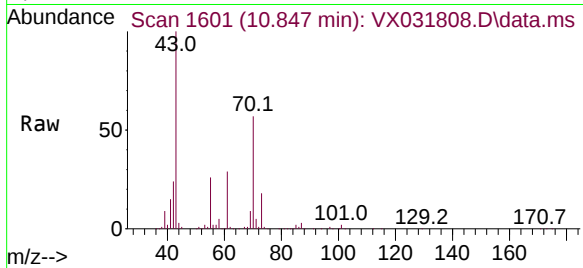




#47  
n-amy1 Acetate  
Concen: 53.304 ug/l  
RT: 10.847 min Scan# 1601  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

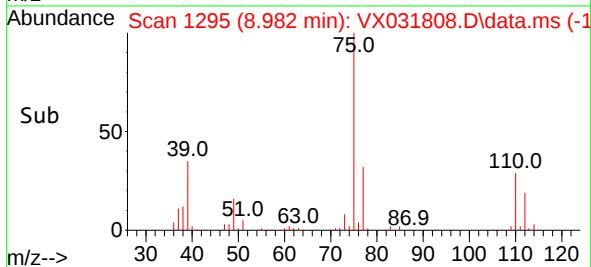
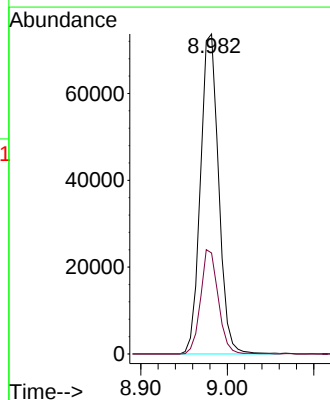
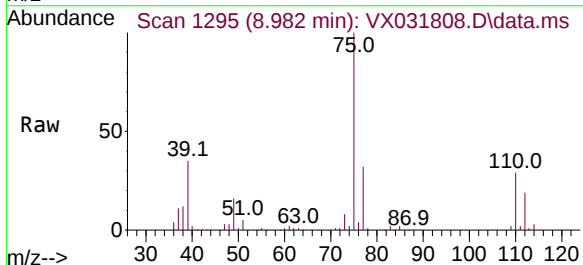
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC050

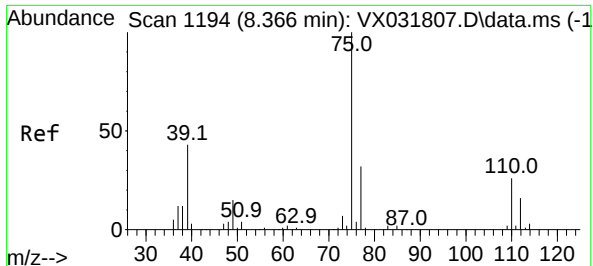
Tgt Ion: 43 Resp: 113070  
Ion Ratio Lower Upper  
43 100  
55 27.4 21.6 32.4



#48  
t-1,3-Dichloropropene  
Concen: 53.474 ug/l  
RT: 8.982 min Scan# 1295  
Delta R.T. 0.006 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

Tgt Ion: 75 Resp: 107477  
Ion Ratio Lower Upper  
75 100  
77 31.6 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 52.010 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX031808.D

Acq: 30 Sep 2022 12:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC050

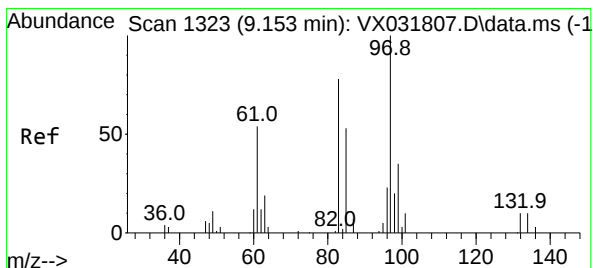
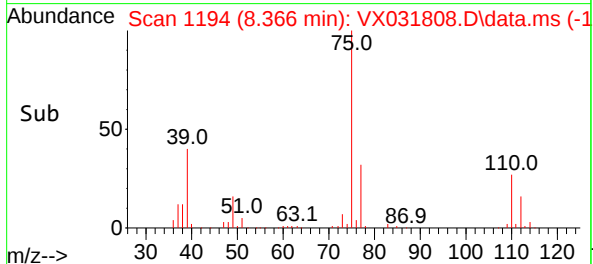
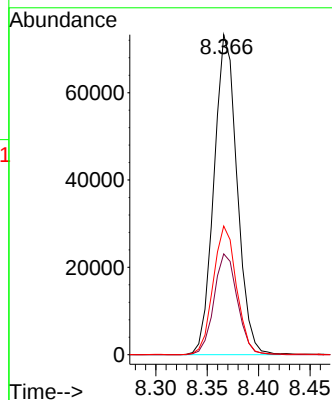
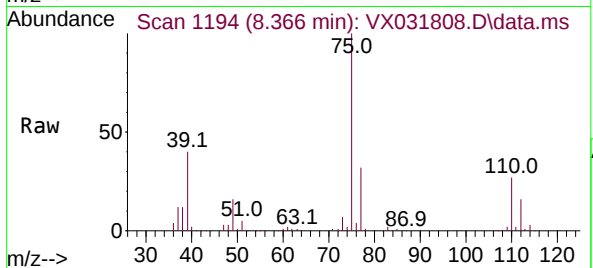
Tgt Ion: 75 Resp: 114675

Ion Ratio Lower Upper

75 100

77 31.5 25.7 38.5

39 40.2 34.1 51.1



#50

1,1,2-Trichloroethane

Concen: 51.263 ug/l

RT: 9.152 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX031808.D

Acq: 30 Sep 2022 12:34

Tgt Ion: 97 Resp: 83462

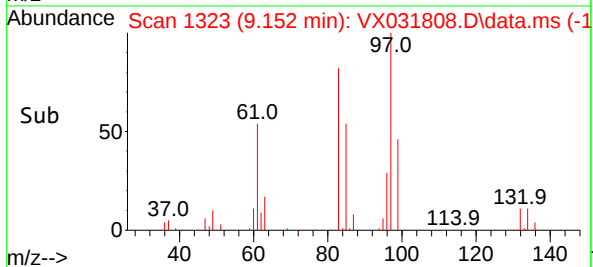
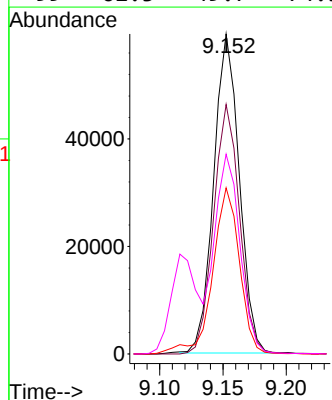
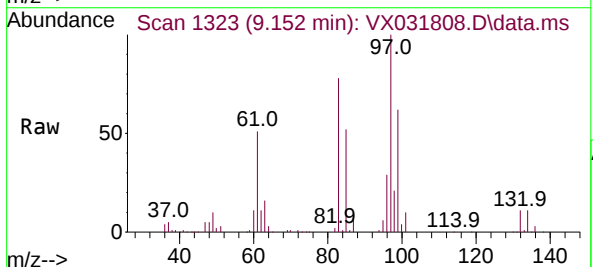
Ion Ratio Lower Upper

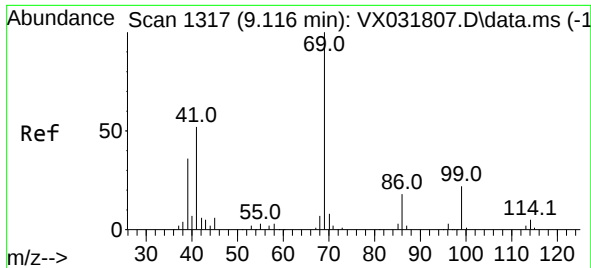
97 100

83 78.2 62.2 93.4

85 51.9 44.2 66.2

99 62.3 49.7 74.5

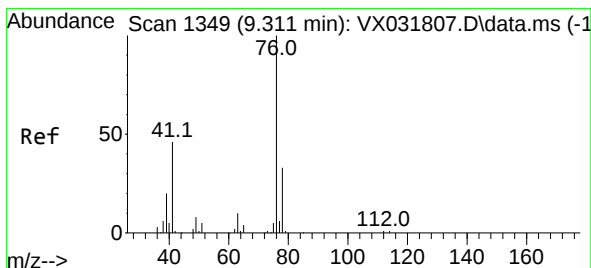
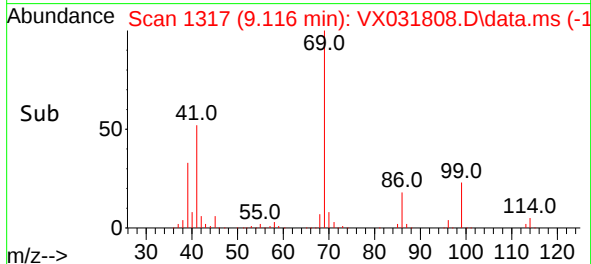
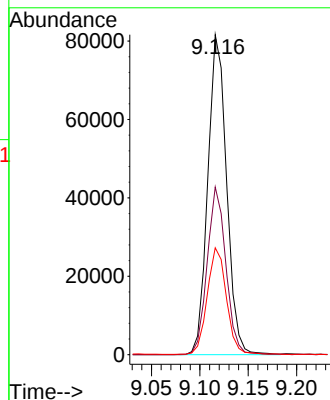
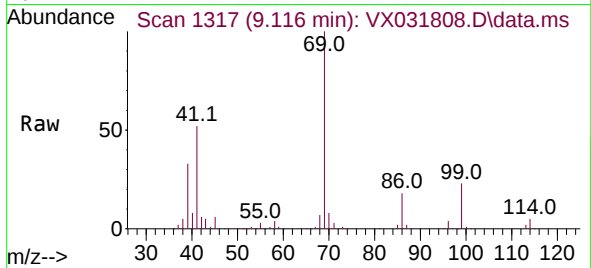




#51  
Ethyl methacrylate  
Concen: 52.447 ug/l  
RT: 9.116 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

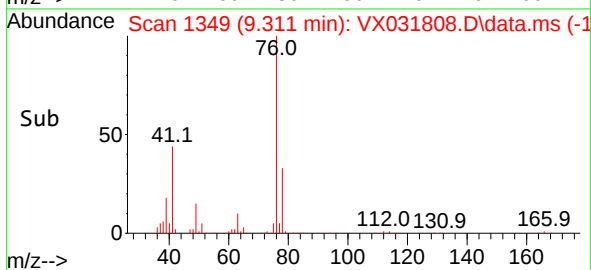
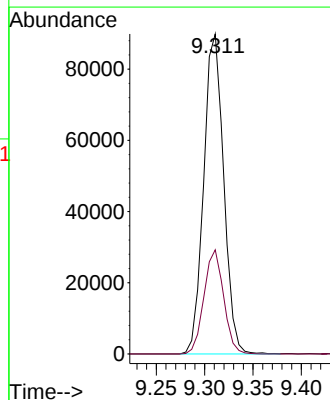
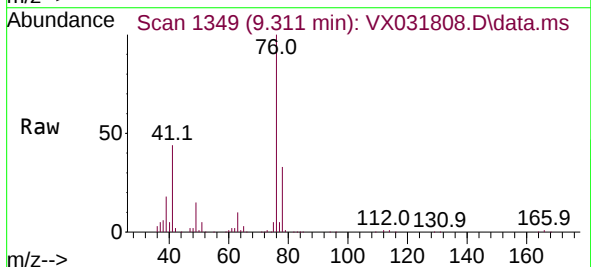
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

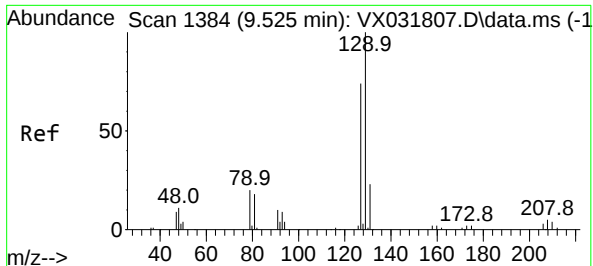
Tgt Ion: 69 Resp: 110693  
Ion Ratio Lower Upper  
69 100  
41 52.3 25.9 77.7  
39 33.3 17.8 53.3



#52  
1,3-Dichloropropane  
Concen: 51.819 ug/l  
RT: 9.311 min Scan# 1349  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

Tgt Ion: 76 Resp: 129286  
Ion Ratio Lower Upper  
76 100  
78 31.9 0.0 66.0





#53

Dibromochloromethane

Concen: 53.537 ug/l

RT: 9.524 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX031808.D

Acq: 30 Sep 2022 12:34

Instrument :

MSVOA\_X

ClientSampleId :

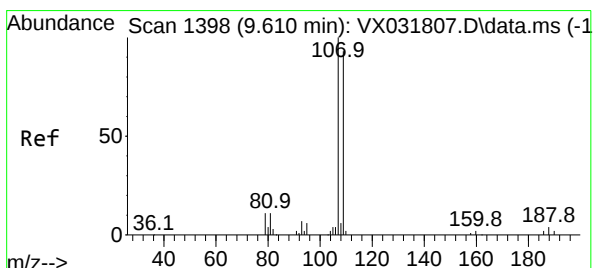
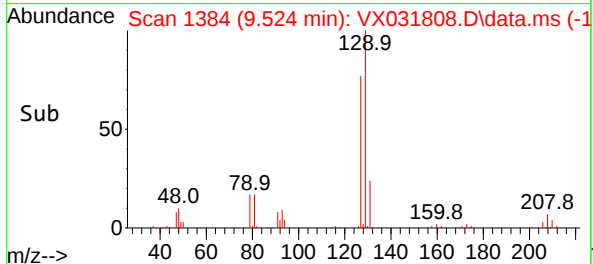
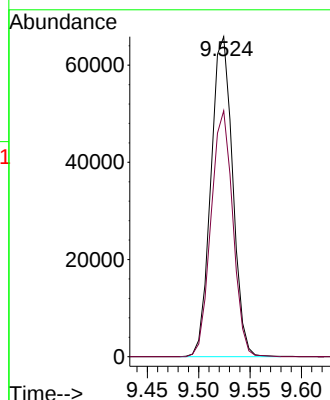
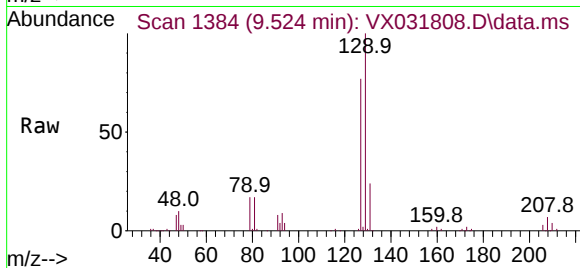
VSTDIC050

Tgt Ion:129 Resp: 97064

Ion Ratio Lower Upper

129 100

127 76.9 39.0 117.0



#54

1,2-Dibromoethane

Concen: 52.219 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX031808.D

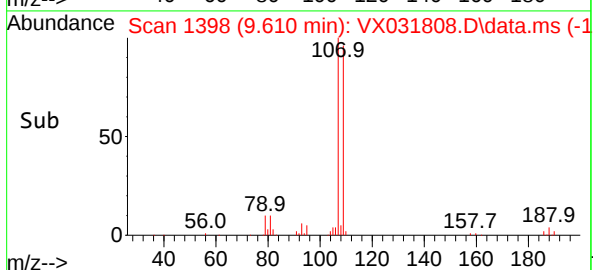
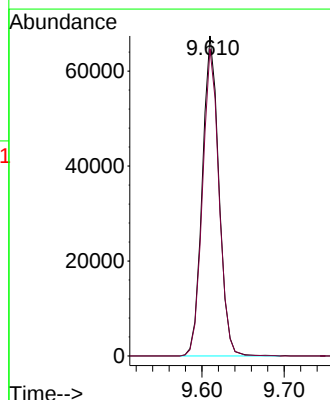
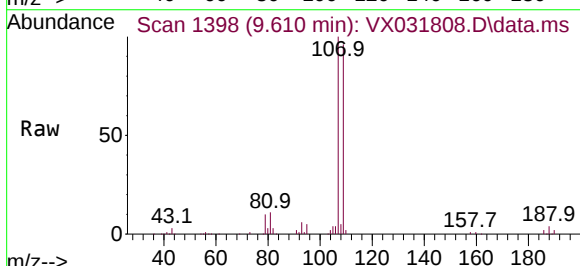
Acq: 30 Sep 2022 12:34

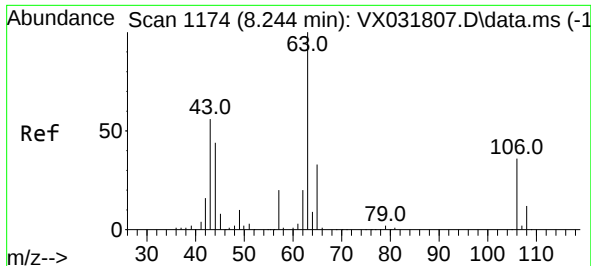
Tgt Ion:107 Resp: 94185

Ion Ratio Lower Upper

107 100

109 95.4 75.0 112.6





#55

2-Chloroethyl vinyl ether

Concen: 250.192 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX031808.D

Acq: 30 Sep 2022 12:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC050

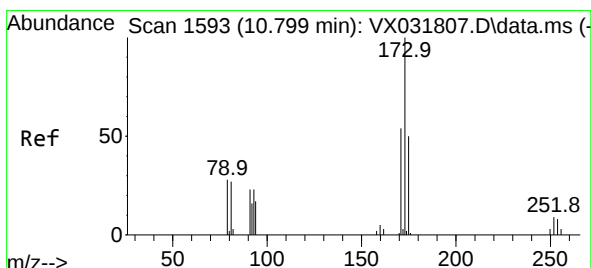
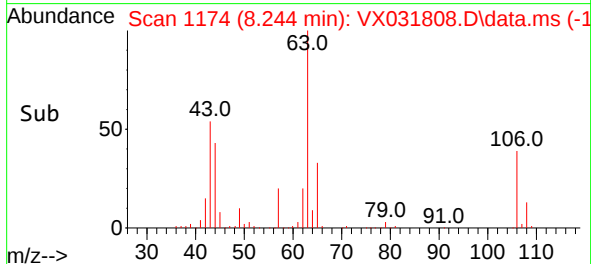
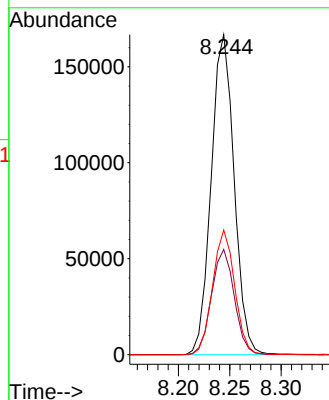
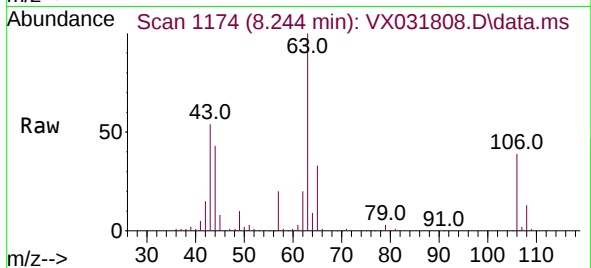
Tgt Ion: 63 Resp: 258921

Ion Ratio Lower Upper

63 100

65 32.6 25.5 38.3

106 37.5 28.9 43.3



#56

Bromoform

Concen: 53.879 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX031808.D

Acq: 30 Sep 2022 12:34

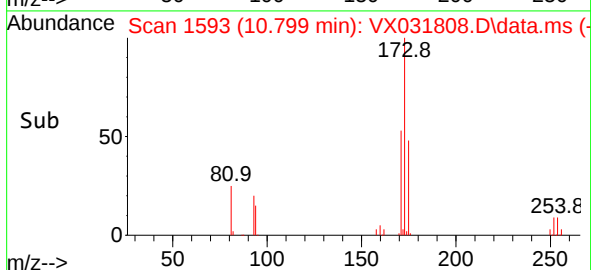
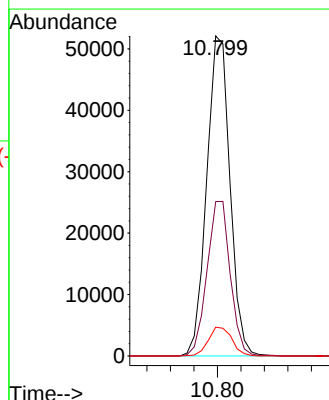
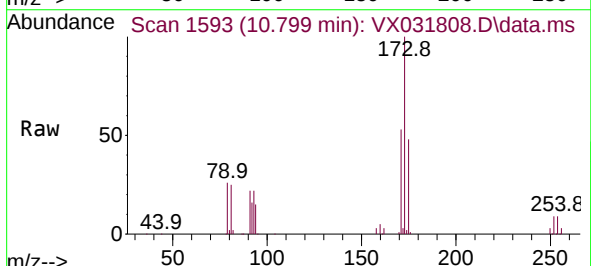
Tgt Ion:173 Resp: 71597

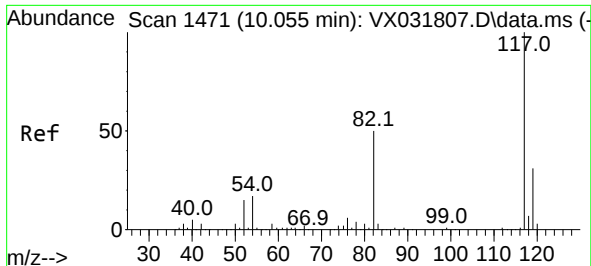
Ion Ratio Lower Upper

173 100

175 48.3 38.6 58.0

254 9.1 6.8 10.2

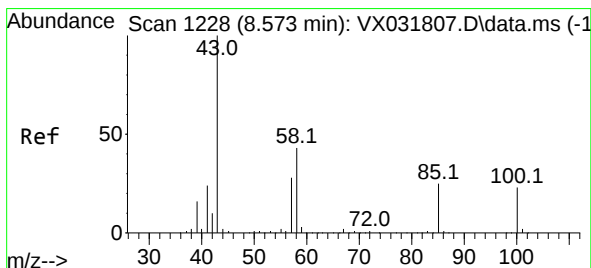
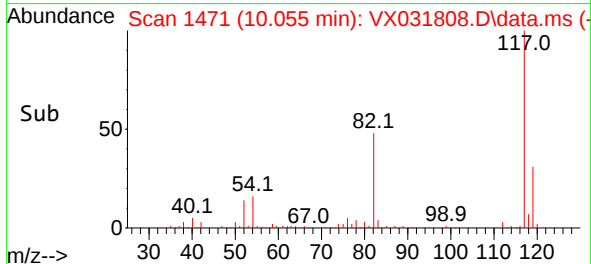
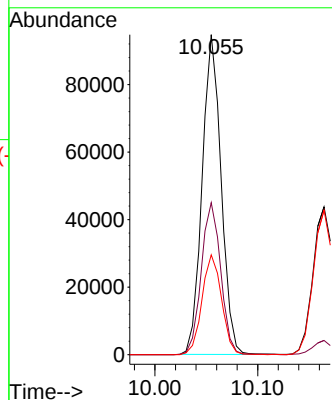
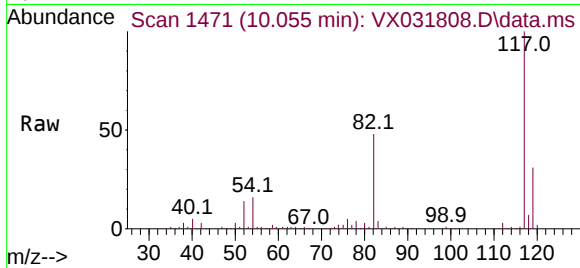




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

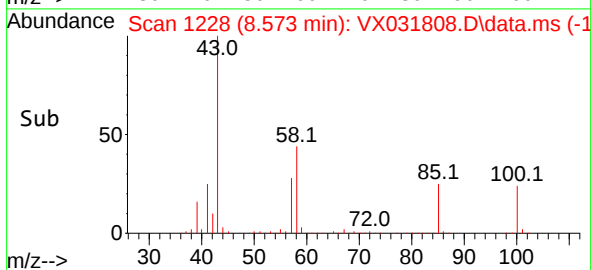
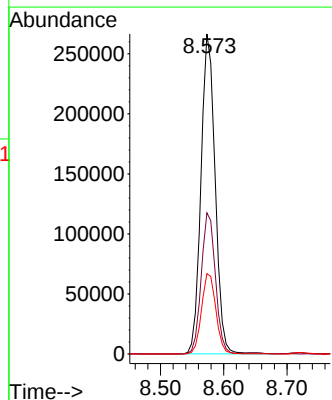
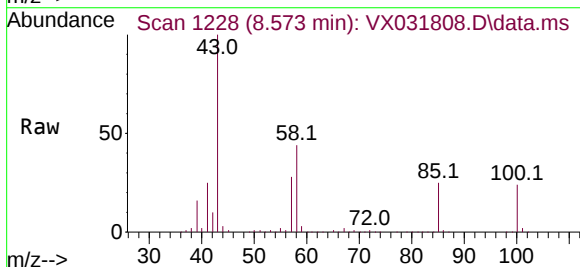
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

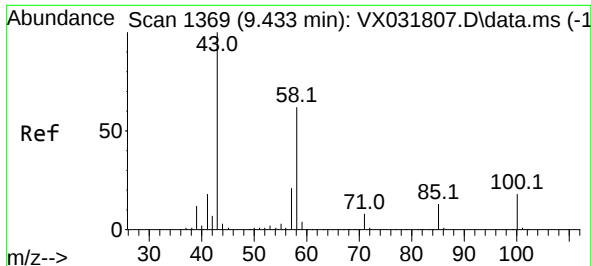
Tgt Ion: 117 Resp: 121808  
Ion Ratio Lower Upper  
117 100  
82 48.7 40.0 60.0  
119 32.2 26.0 39.0



#58  
4-Methyl-2-Pentanone  
Concen: 254.050 ug/l  
RT: 8.573 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

Tgt Ion: 43 Resp: 416027  
Ion Ratio Lower Upper  
43 100  
58 44.3 34.9 52.3  
85 25.4 19.4 29.2





#59

2-Hexanone

Concen: 251.887 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX031808.D

Acq: 30 Sep 2022 12:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC050

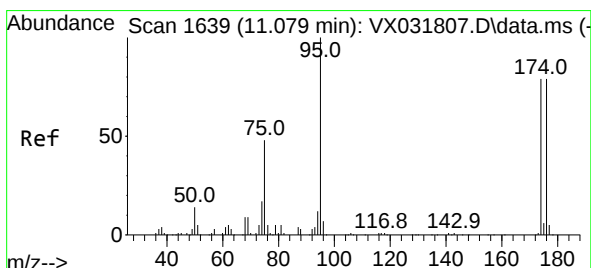
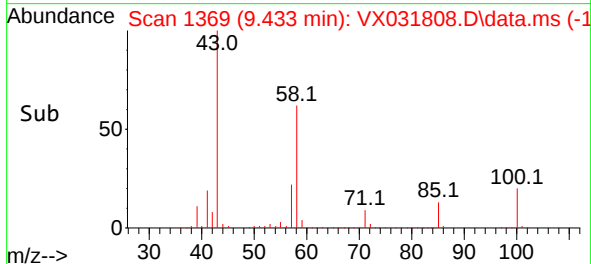
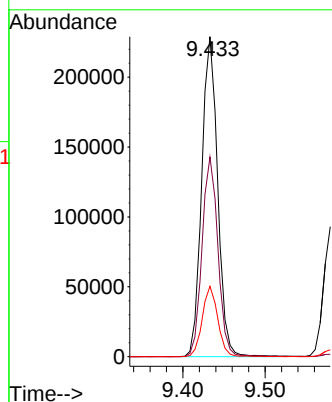
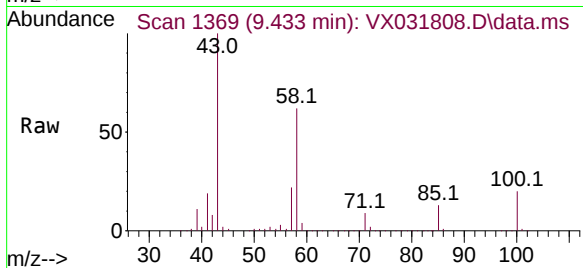
Tgt Ion: 43 Resp: 308505

Ion Ratio Lower Upper

43 100

58 62.1 49.0 73.6

57 21.3 17.0 25.4



#60

4-Bromofluorobenzene

Concen: 30.340 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX031808.D

Acq: 30 Sep 2022 12:34

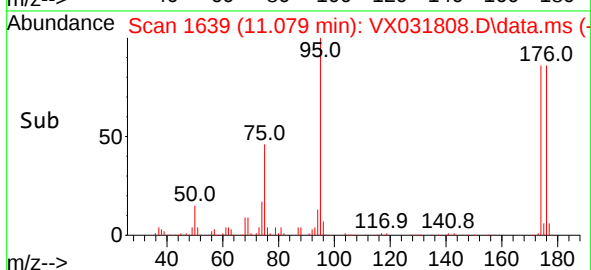
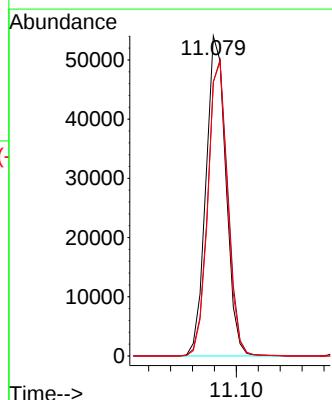
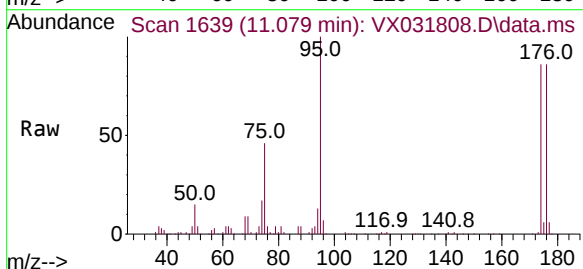
Tgt Ion: 95 Resp: 68413

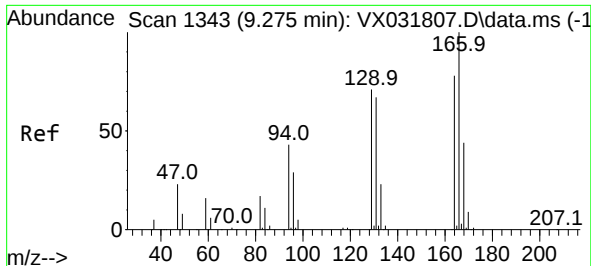
Ion Ratio Lower Upper

95 100

174 92.8 68.2 102.2

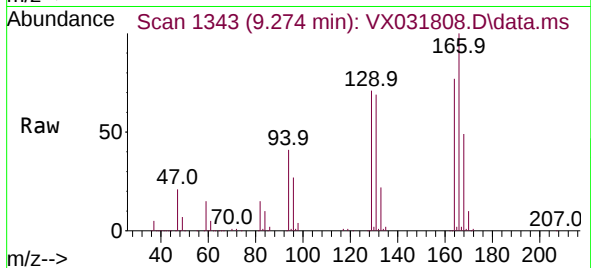
176 90.2 68.1 102.1



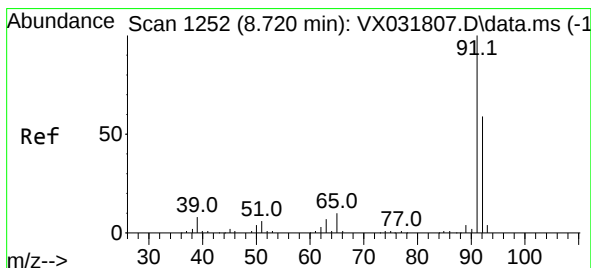
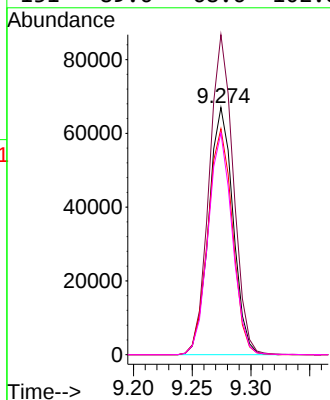
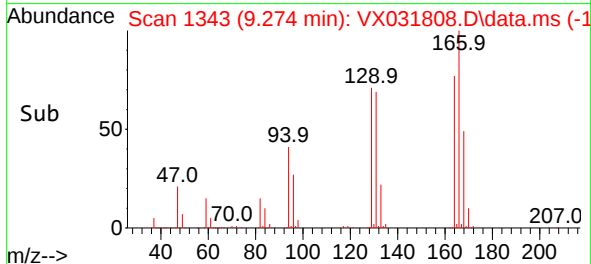


#61  
Tetrachloroethene  
Concen: 49.326 ug/l  
RT: 9.274 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

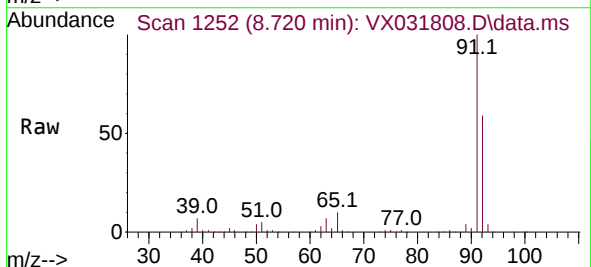
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050



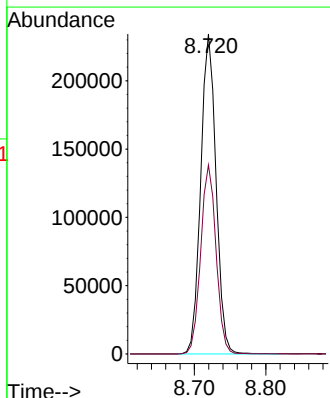
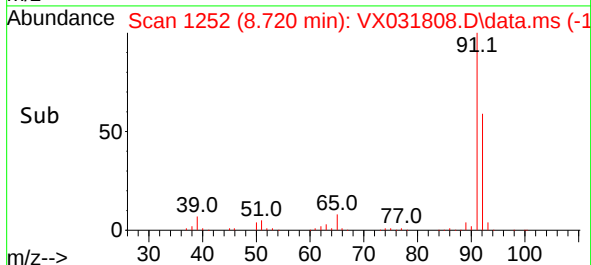
Tgt Ion:164 Resp: 96476  
Ion Ratio Lower Upper  
164 100  
166 129.4 102.8 154.2  
129 91.3 73.0 109.4  
131 89.6 68.6 102.8

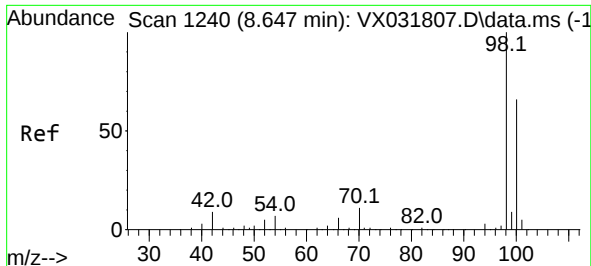


#62  
Toluene  
Concen: 49.930 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34



Tgt Ion: 91 Resp: 348216  
Ion Ratio Lower Upper  
91 100  
92 59.1 47.3 70.9

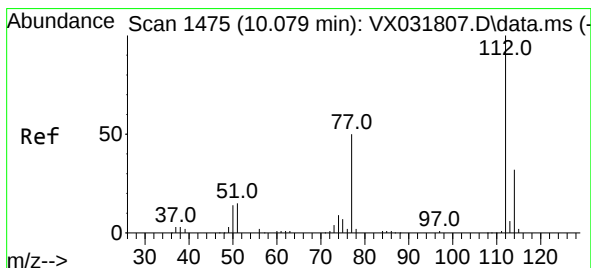
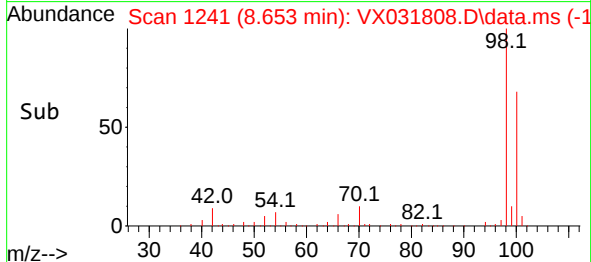
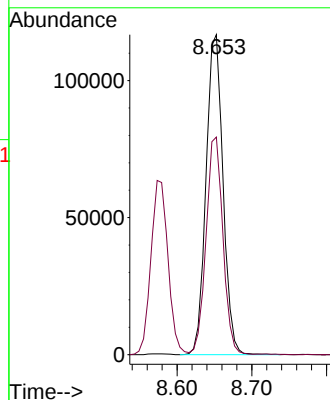
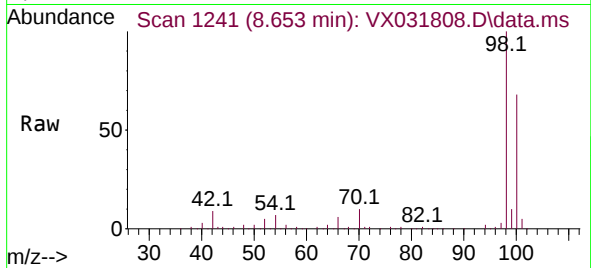




#63  
Toluene-d8  
Concen: 29.738 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

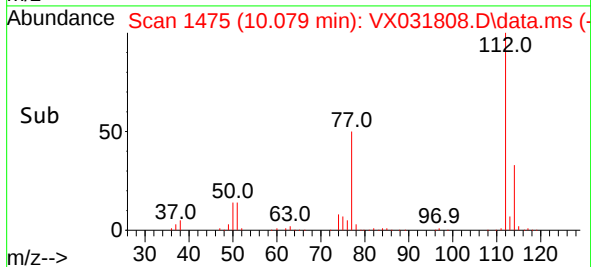
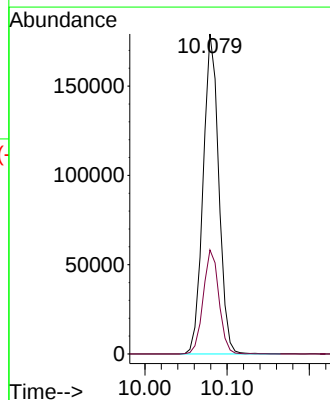
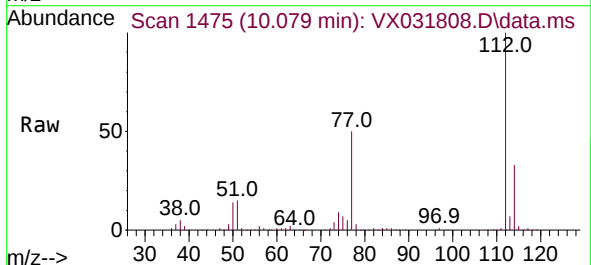
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC050

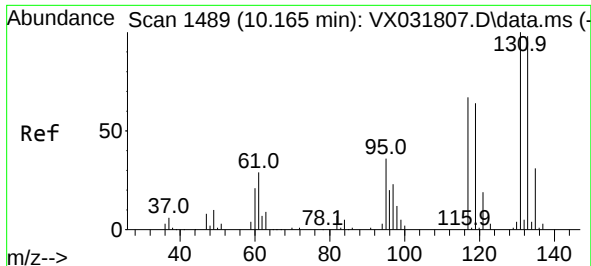
Tgt Ion: 98 Resp: 184018  
Ion Ratio Lower Upper  
98 100  
100 67.5 53.8 80.8



#64  
Chlorobenzene  
Concen: 49.769 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

Tgt Ion: 112 Resp: 236830  
Ion Ratio Lower Upper  
112 100  
114 32.5 25.7 38.5

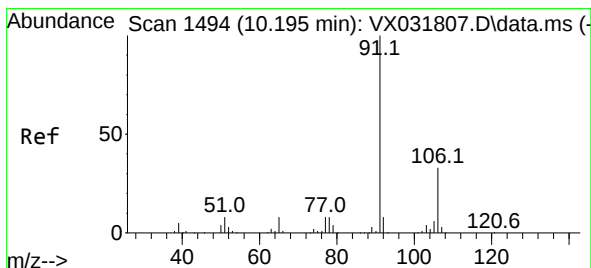
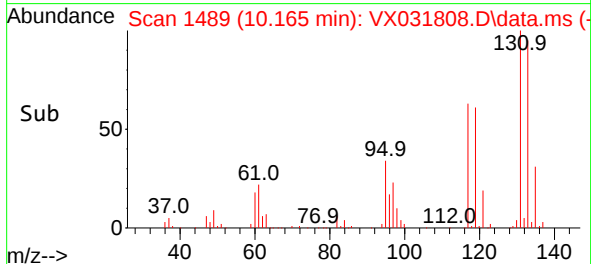
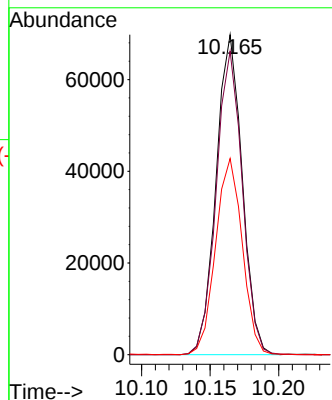
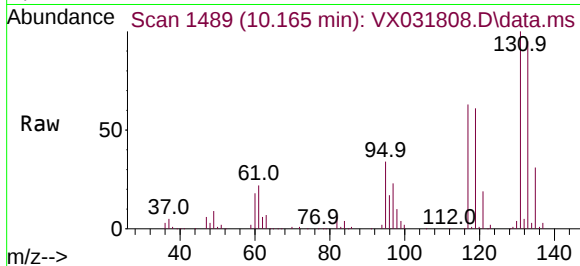




#65  
1,1,1,2-Tetrachloroethane  
Concen: 51.124 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

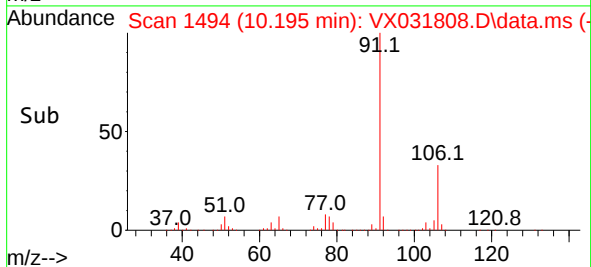
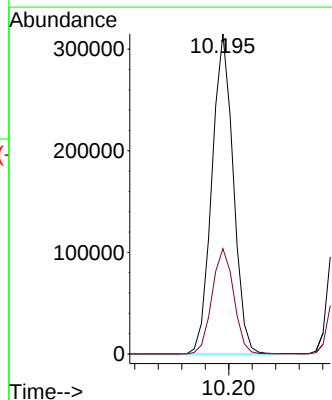
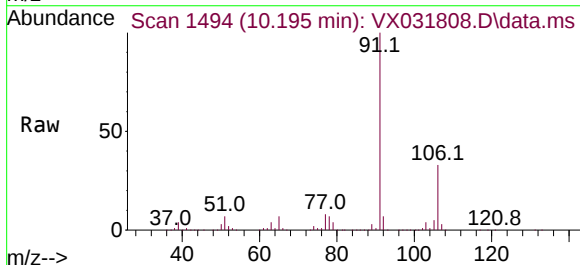
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

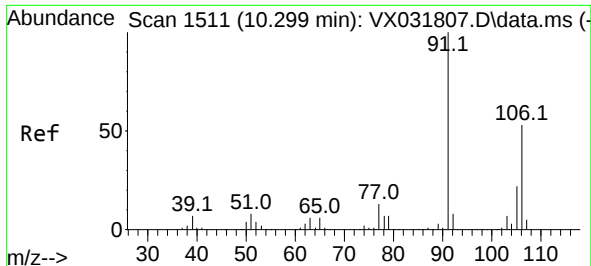
Tgt Ion:131 Resp: 92228  
Ion Ratio Lower Upper  
131 100  
133 94.8 0.0 189.4  
119 62.9 0.0 127.0



#66  
Ethyl Benzene  
Concen: 50.590 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

Tgt Ion: 91 Resp: 397627  
Ion Ratio Lower Upper  
91 100  
106 32.9 26.7 40.1





#67

m/p-Xylenes

Concen: 102.427 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX031808.D

Acq: 30 Sep 2022 12:34

Instrument :

MSVOA\_X

ClientSampleId :

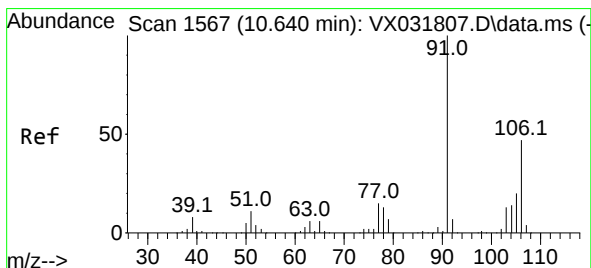
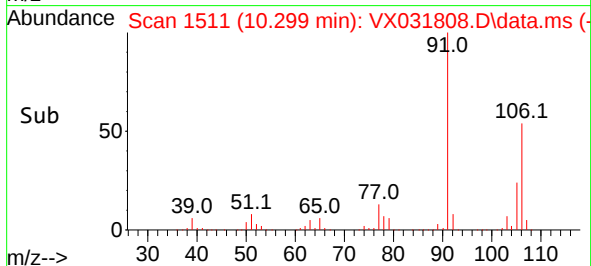
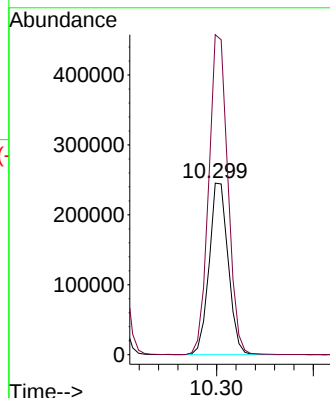
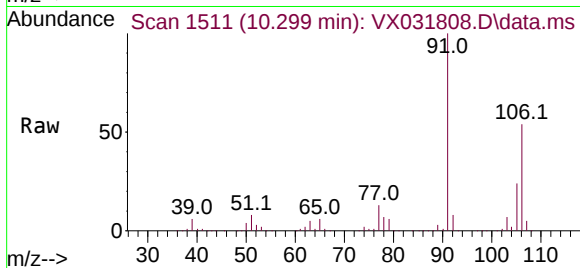
VSTDIC050

Tgt Ion:106 Resp: 335237

Ion Ratio Lower Upper

106 100

91 187.5 152.3 228.5



#68

o-Xylene

Concen: 51.481 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX031808.D

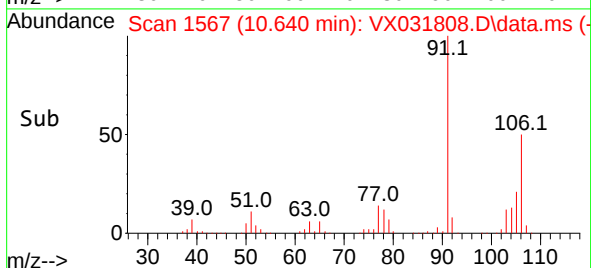
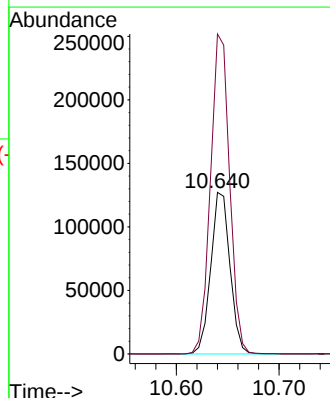
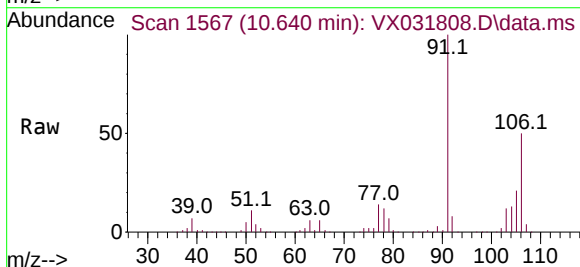
Acq: 30 Sep 2022 12:34

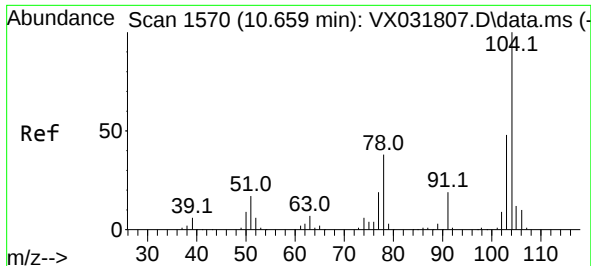
Tgt Ion:106 Resp: 165426

Ion Ratio Lower Upper

106 100

91 197.3 101.9 305.7

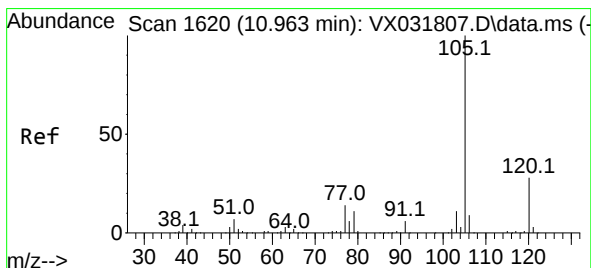
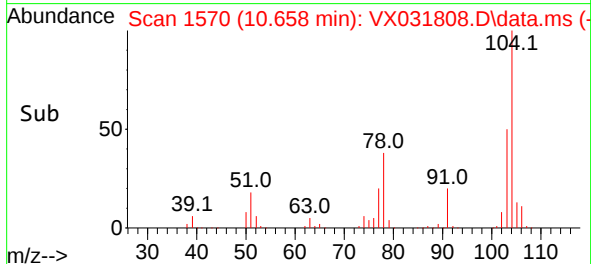
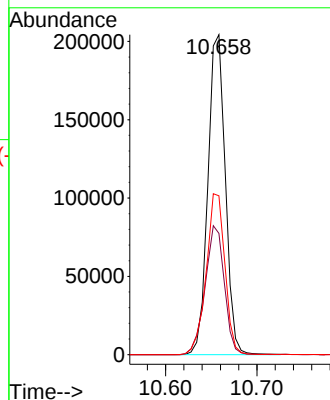
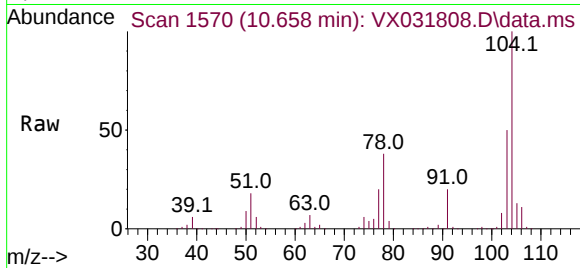




#69  
Styrene  
Concen: 51.851 ug/l  
RT: 10.658 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

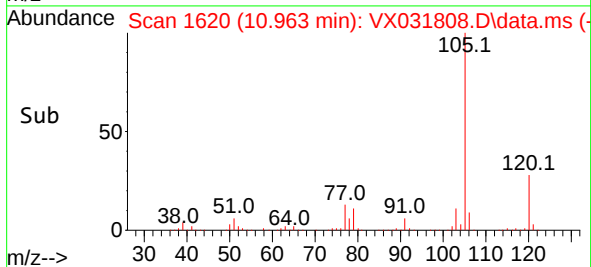
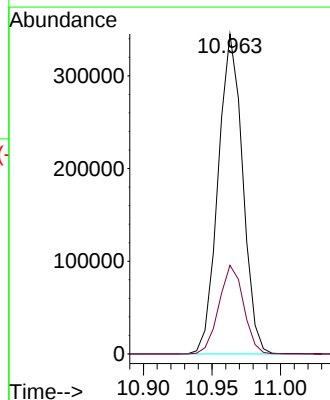
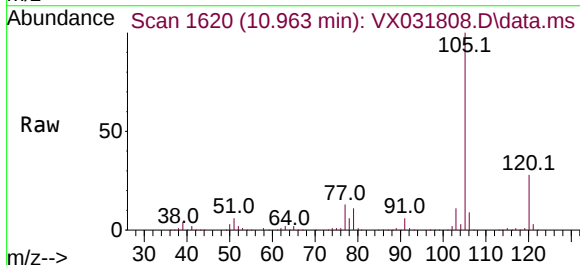
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

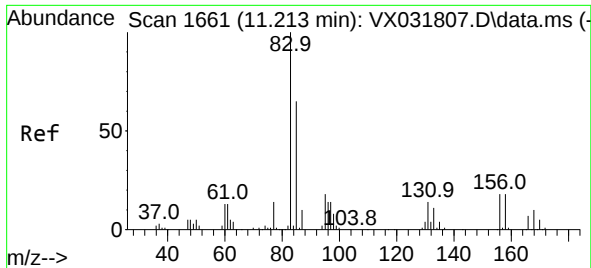
Tgt Ion:104 Resp: 270616  
Ion Ratio Lower Upper  
104 100  
78 44.5 36.6 55.0  
103 54.1 43.3 64.9



#70  
Isopropylbenzene  
Concen: 51.387 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

Tgt Ion:105 Resp: 429119  
Ion Ratio Lower Upper  
105 100  
120 27.8 19.3 35.9

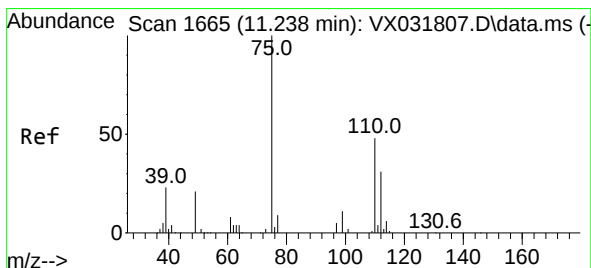
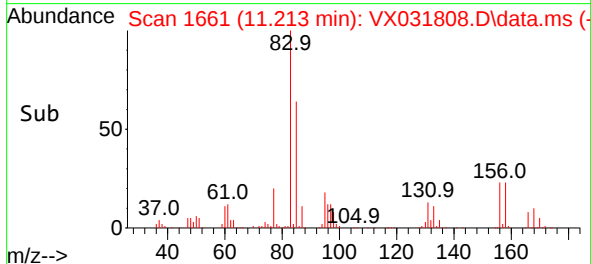
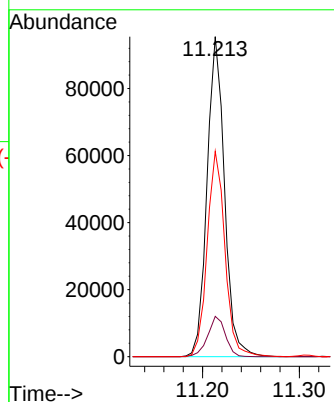
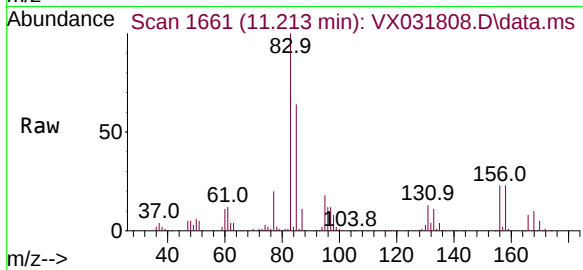




#71  
1,1,2,2-Tetrachloroethane  
Concen: 50.425 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

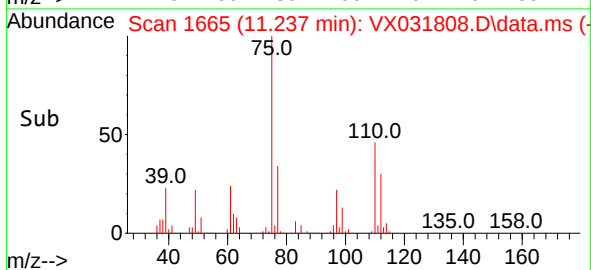
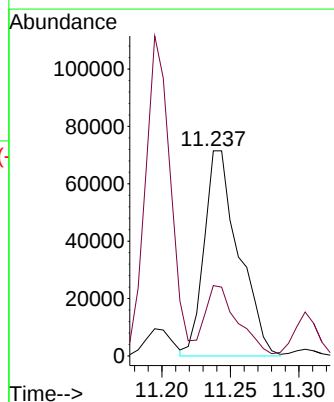
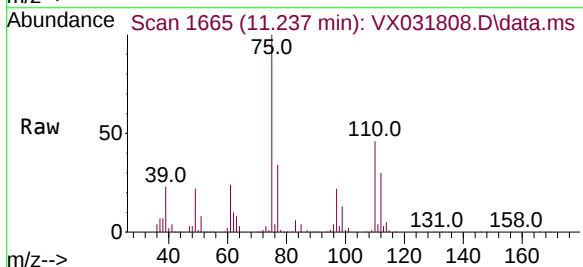
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

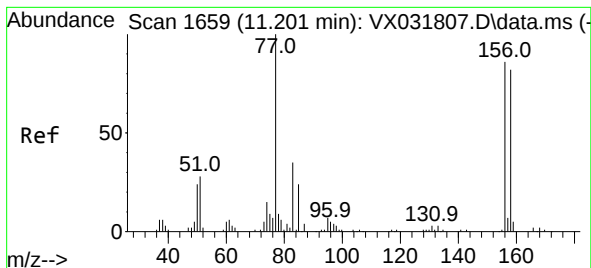
Tgt Ion: 83 Resp: 120023  
Ion Ratio Lower Upper  
83 100  
131 12.8 6.0 18.1  
85 65.3 32.8 98.3



#72  
1,2,3-Trichloropropane  
Concen: 61.472 ug/l  
RT: 11.237 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

Tgt Ion: 75 Resp: 125732  
Ion Ratio Lower Upper  
75 100  
77 33.0 0.0 76.6





#73

Bromobenzene

Concen: 51.279 ug/l

RT: 11.201 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX031808.D

Acq: 30 Sep 2022 12:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC050

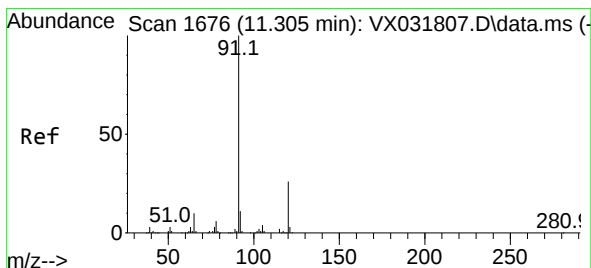
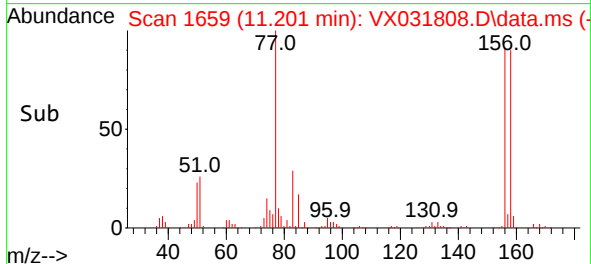
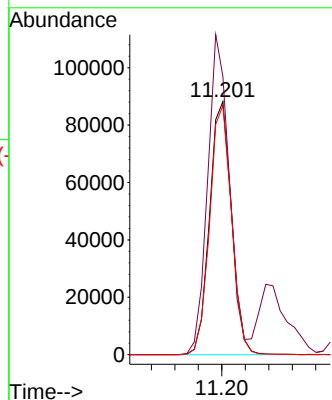
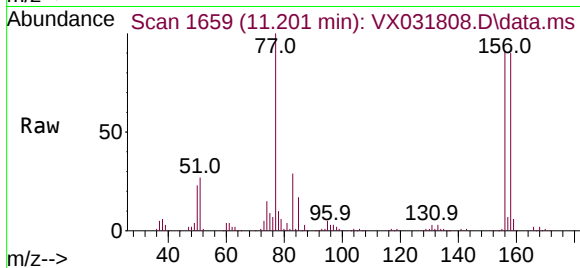
Tgt Ion:156 Resp: 114848

Ion Ratio Lower Upper

156 100

77 122.5 0.0 259.2

158 97.8 0.0 193.2



#74

n-propylbenzene

Concen: 51.383 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX031808.D

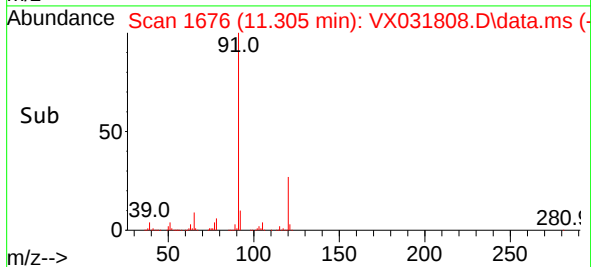
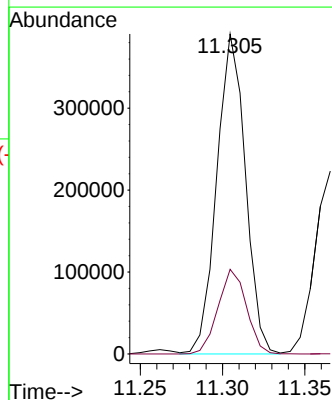
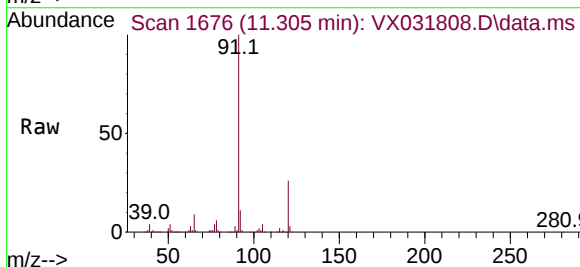
Acq: 30 Sep 2022 12:34

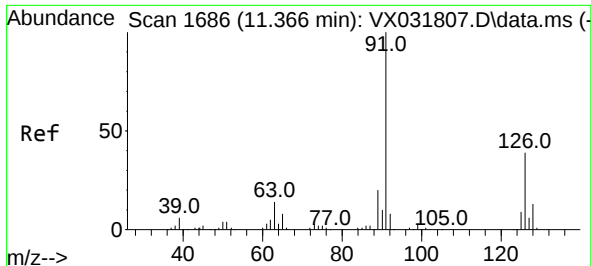
Tgt Ion: 91 Resp: 471703

Ion Ratio Lower Upper

91 100

120 26.2 0.0 51.0

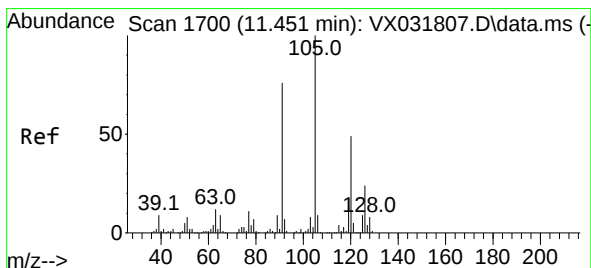
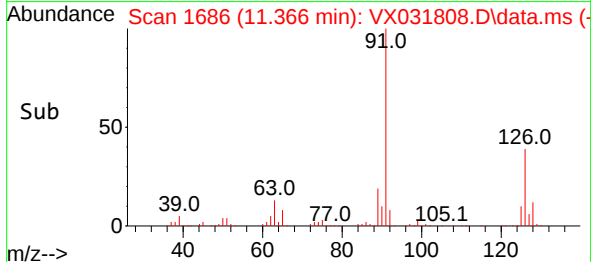
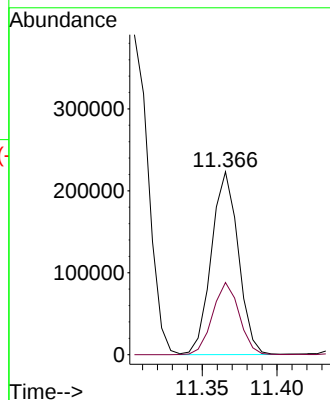
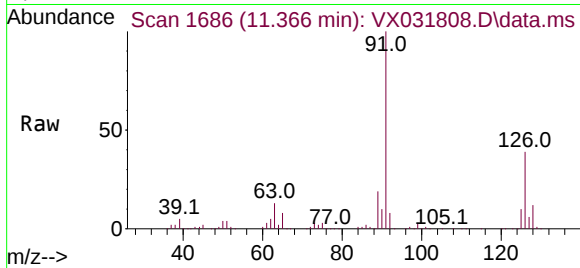




#75  
2-Chlorotoluene  
Concen: 50.678 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

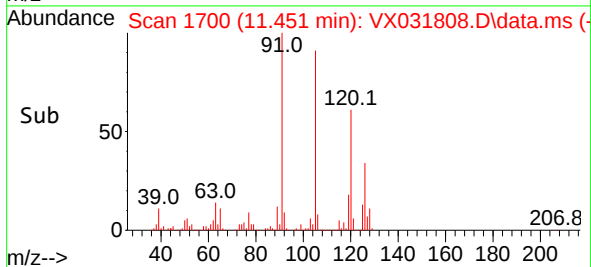
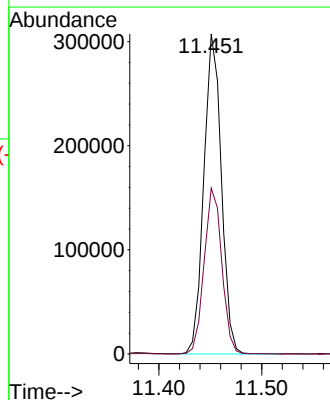
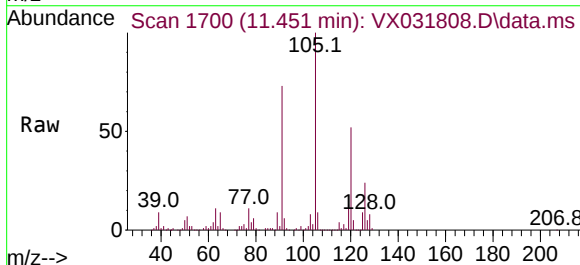
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

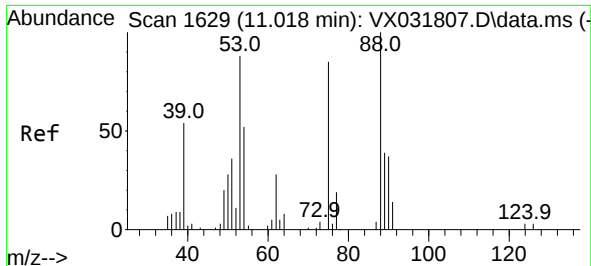
Tgt Ion: 91 Resp: 279705  
Ion Ratio Lower Upper  
91 100  
126 38.8 0.0 76.4



#76  
1,3,5-Trimethylbenzene  
Concen: 51.775 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

Tgt Ion: 105 Resp: 364458  
Ion Ratio Lower Upper  
105 100  
120 52.1 0.0 100.6

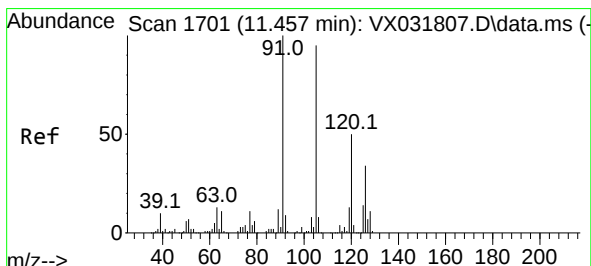
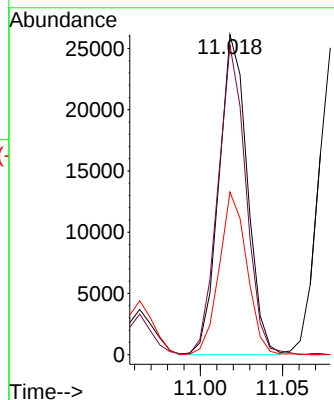
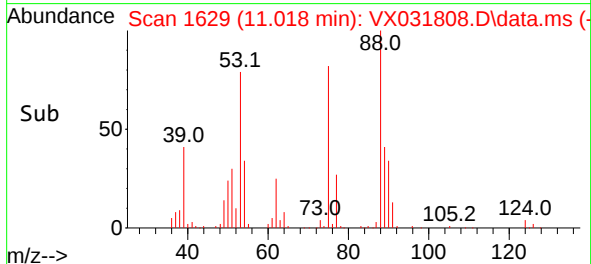
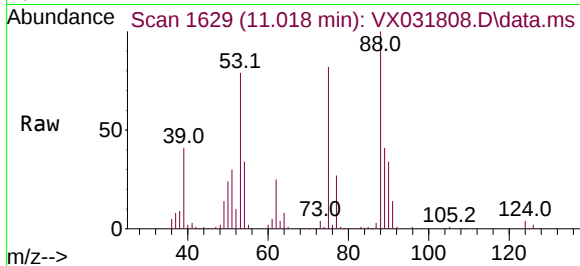




#77  
t-1,4-Dichloro-2-butene  
Concen: 52.455 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

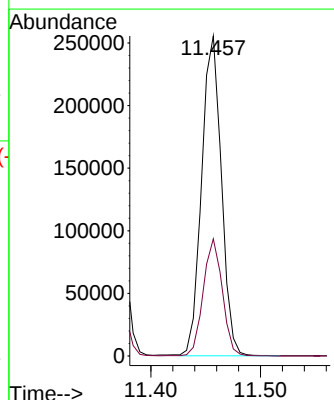
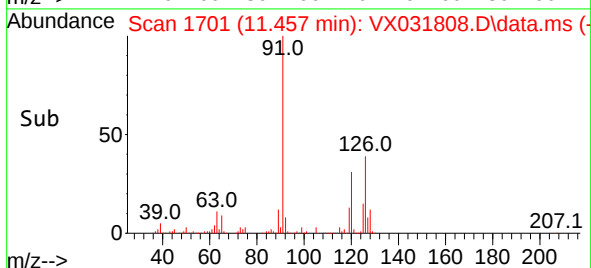
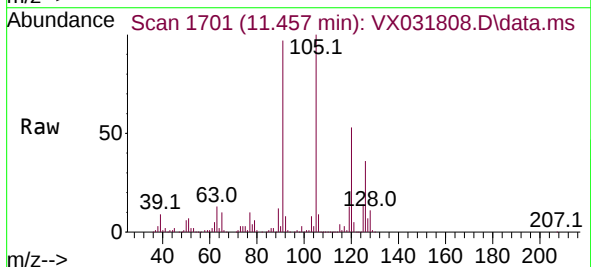
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

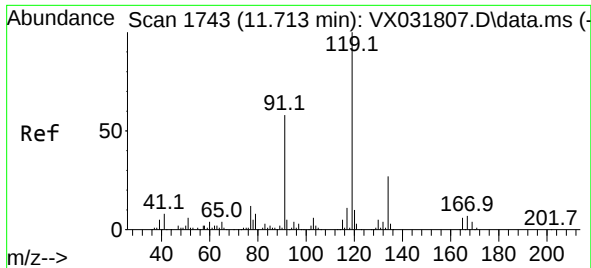
Tgt Ion: 75 Resp: 31355  
Ion Ratio Lower Upper  
75 100  
53 96.4 51.8 155.4  
89 50.8 22.9 68.8



#78  
4-Chlorotoluene  
Concen: 50.714 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

Tgt Ion: 91 Resp: 319094  
Ion Ratio Lower Upper  
91 100  
126 35.3 0.0 67.0

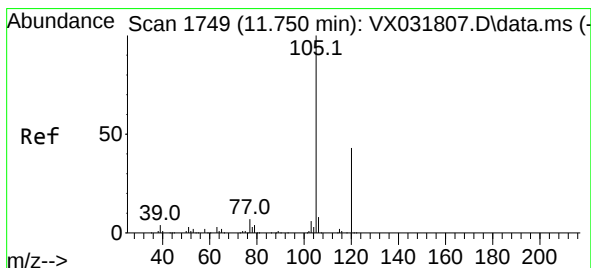
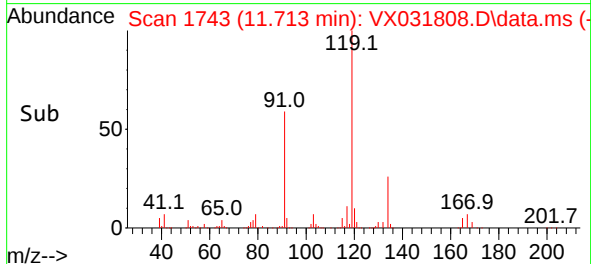
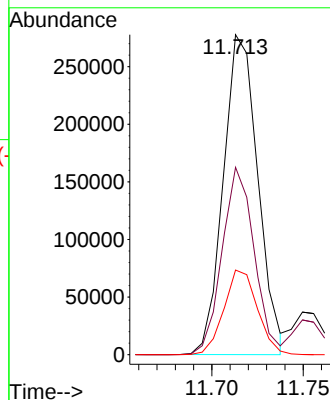
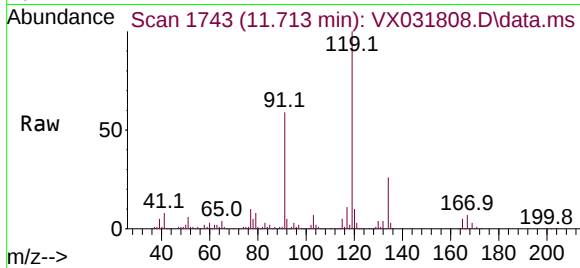




#79  
tert-butylbenzene  
Concen: 51.639 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

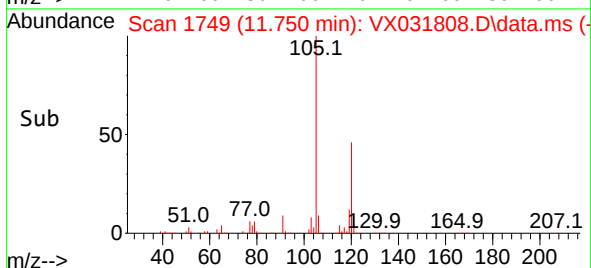
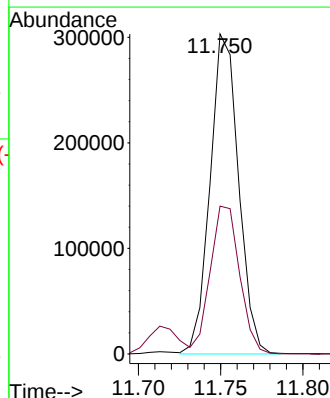
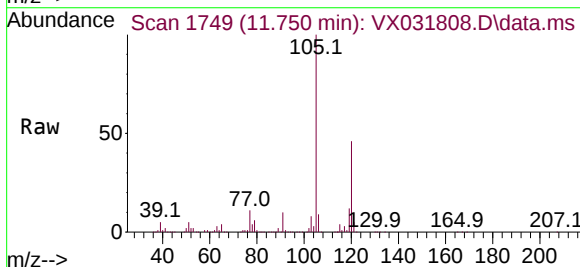
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

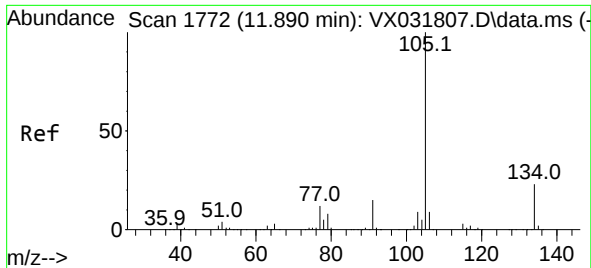
Tgt Ion:119 Resp: 365392  
Ion Ratio Lower Upper  
119 100  
91 54.3 0.0 112.0  
134 25.7 0.0 51.0



#80  
1,2,4-Trimethylbenzene  
Concen: 52.298 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

Tgt Ion:105 Resp: 365056  
Ion Ratio Lower Upper  
105 100  
120 47.6 0.0 95.0

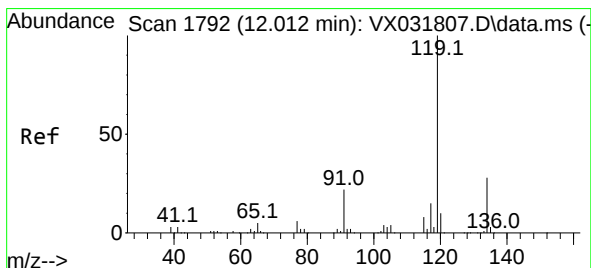
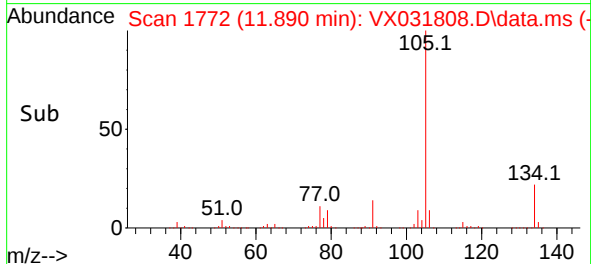
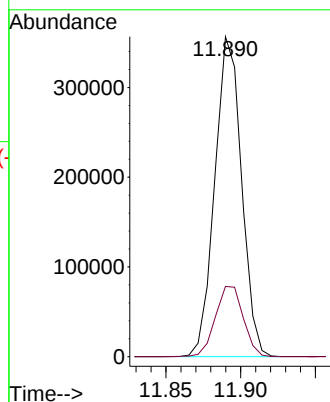
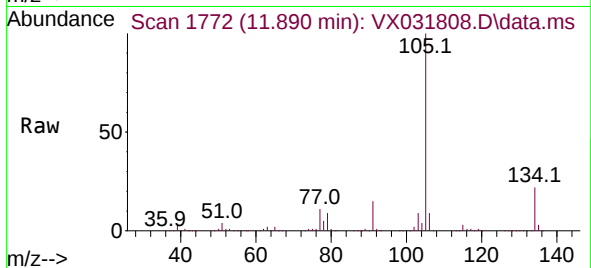




#81  
 sec-Butylbenzene  
 Concen: 51.139 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX031808.D  
 Acq: 30 Sep 2022 12:34

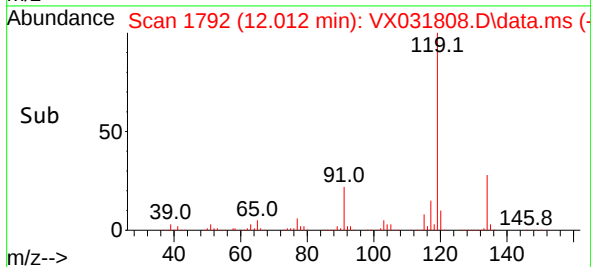
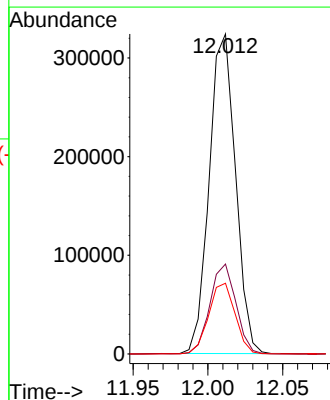
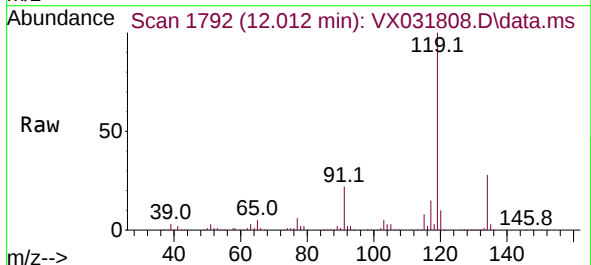
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC050

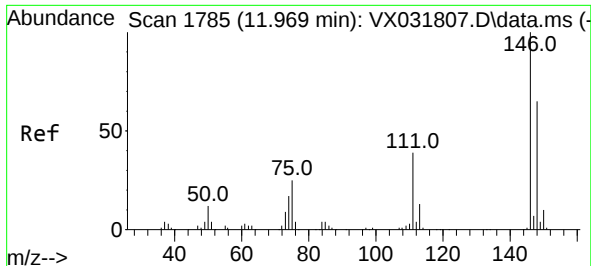
Tgt Ion:105 Resp: 443142  
 Ion Ratio Lower Upper  
 105 100  
 134 23.0 0.0 44.4



#82  
 p-Isopropyltoluene  
 Concen: 52.071 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. -0.000 min  
 Lab File: VX031808.D  
 Acq: 30 Sep 2022 12:34

Tgt Ion:119 Resp: 396557  
 Ion Ratio Lower Upper  
 119 100  
 134 27.8 0.0 55.4  
 91 22.3 0.0 45.6





#83

1,3-Dichlorobenzene

Concen: 52.218 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX031808.D

Acq: 30 Sep 2022 12:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC050

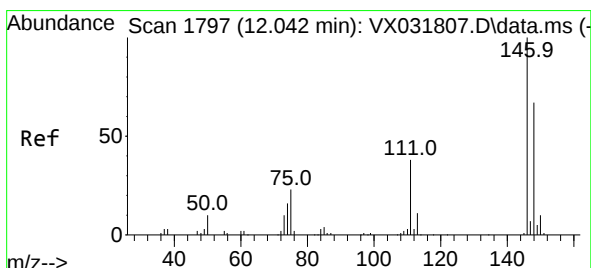
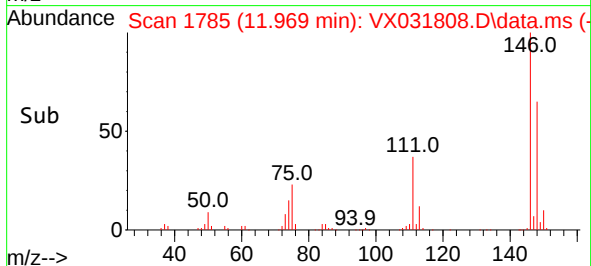
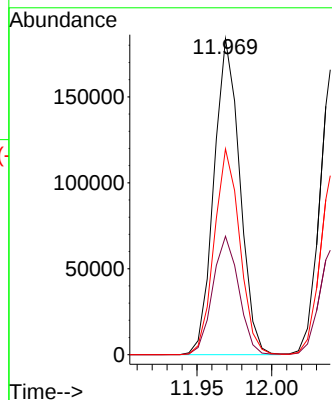
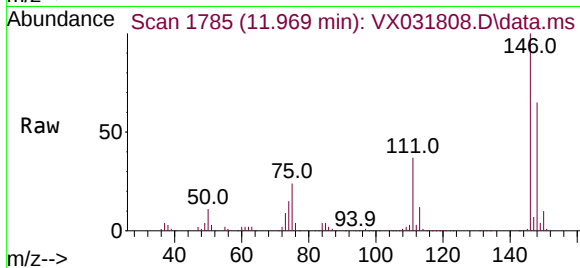
Tgt Ion:146 Resp: 221291

Ion Ratio Lower Upper

146 100

111 37.7 19.4 58.1

148 64.4 32.6 97.7



#84

1,4-Dichlorobenzene

Concen: 51.925 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX031808.D

Acq: 30 Sep 2022 12:34

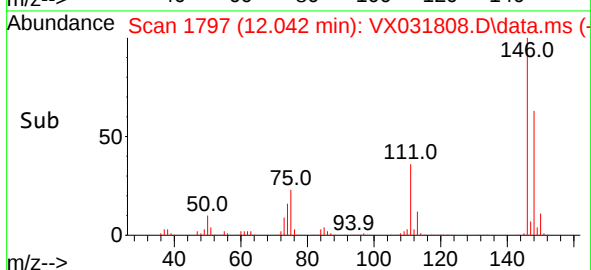
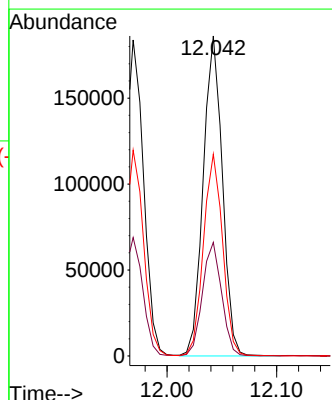
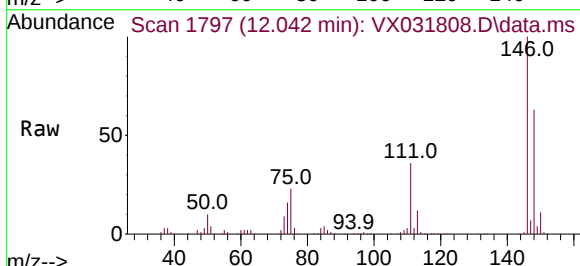
Tgt Ion:146 Resp: 225662

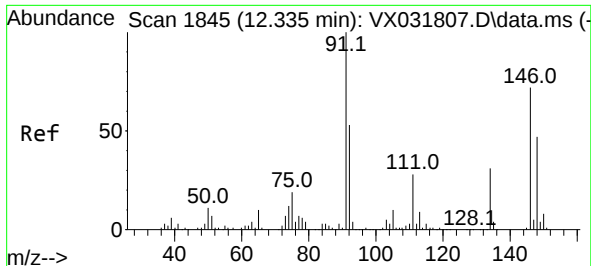
Ion Ratio Lower Upper

146 100

111 35.6 18.9 56.5

148 63.2 31.6 95.0

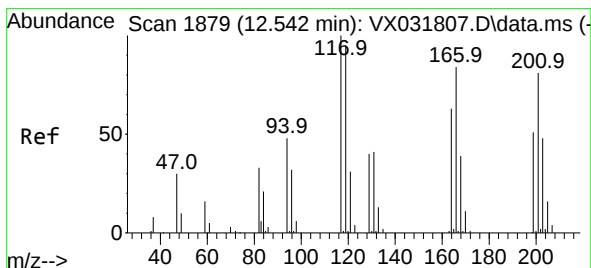
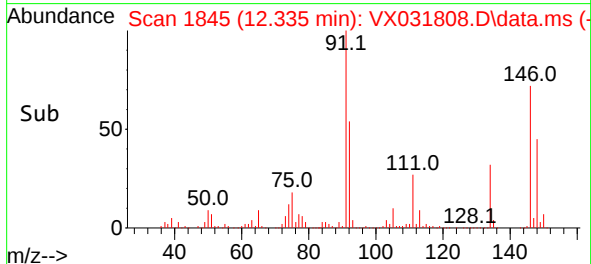
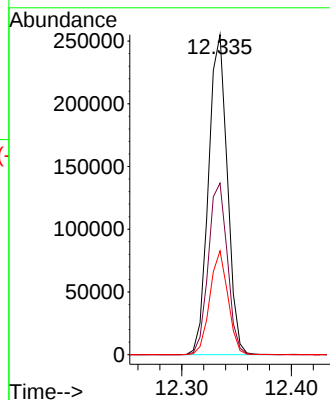
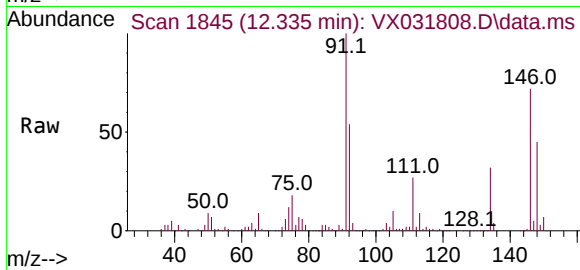




#85  
n-Butylbenzene  
Concen: 51.798 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

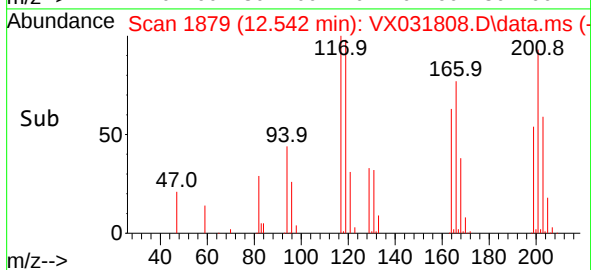
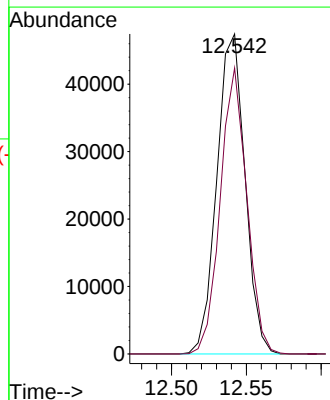
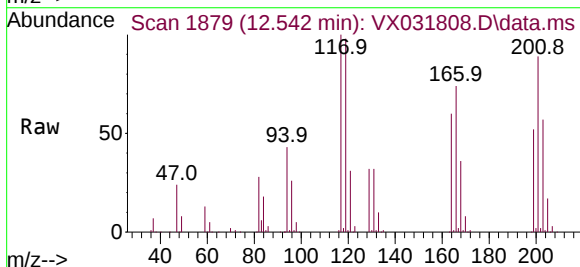
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

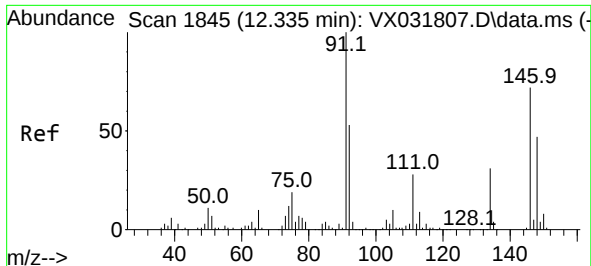
Tgt Ion: 91 Resp: 304206  
Ion Ratio Lower Upper  
91 100  
92 54.3 0.0 108.4  
134 31.1 0.0 60.6



#86  
Hexachloroethane  
Concen: 51.944 ug/l  
RT: 12.542 min Scan# 1879  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

Tgt Ion: 117 Resp: 62107  
Ion Ratio Lower Upper  
117 100  
201 84.1 37.7 113.1

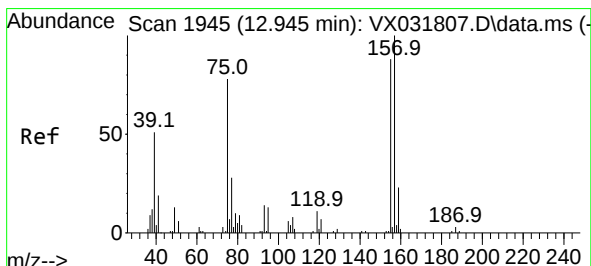
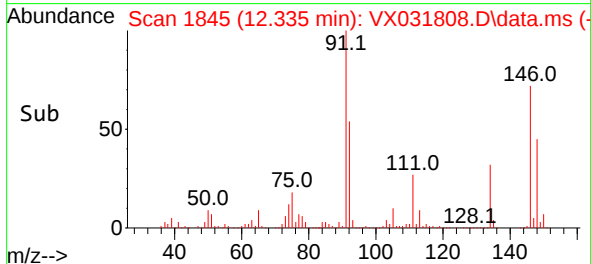
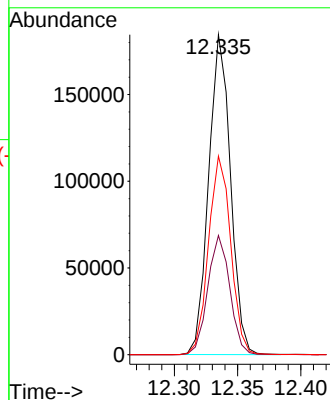
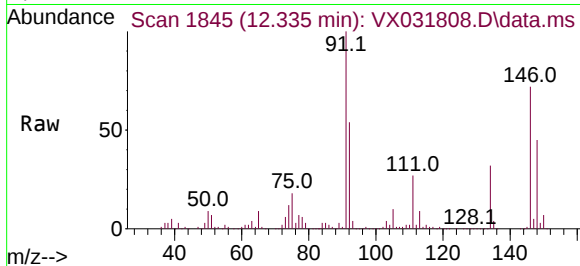




#87  
 1,2-Dichlorobenzene  
 Concen: 52.376 ug/l  
 RT: 12.335 min Scan# 1845  
 Delta R.T. -0.000 min  
 Lab File: VX031808.D  
 Acq: 30 Sep 2022 12:34

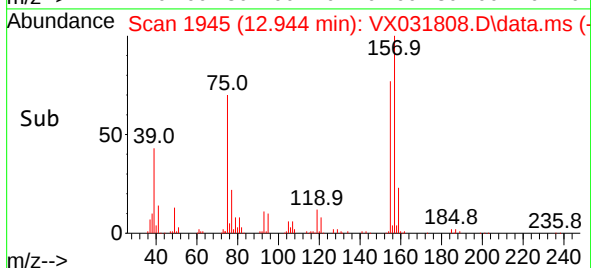
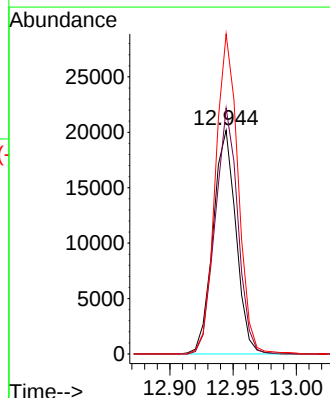
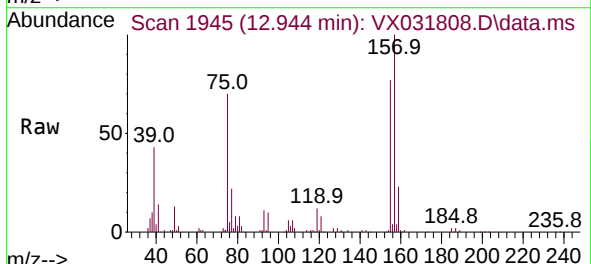
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC050

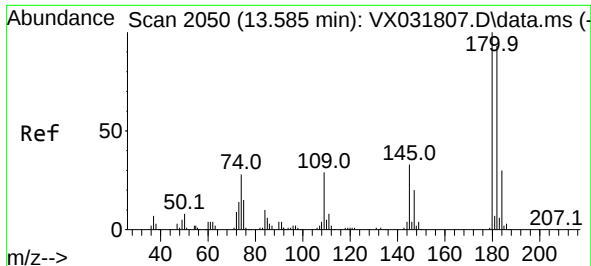
Tgt Ion:146 Resp: 221460  
 Ion Ratio Lower Upper  
 146 100  
 111 37.7 20.0 60.0  
 148 63.2 33.0 99.0



#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 53.260 ug/l  
 RT: 12.944 min Scan# 1945  
 Delta R.T. -0.000 min  
 Lab File: VX031808.D  
 Acq: 30 Sep 2022 12:34

Tgt Ion: 75 Resp: 25437  
 Ion Ratio Lower Upper  
 75 100  
 155 107.5 85.0 127.6  
 157 141.2 101.0 151.6

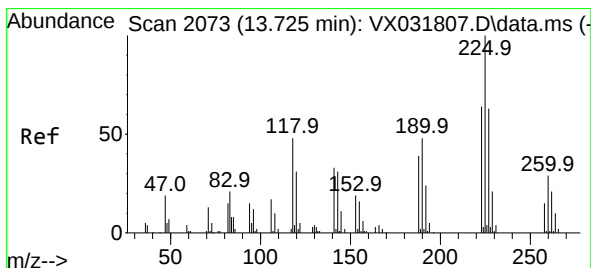
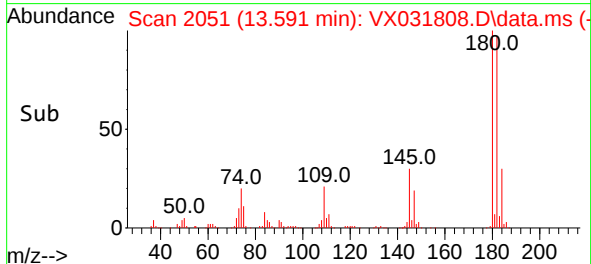
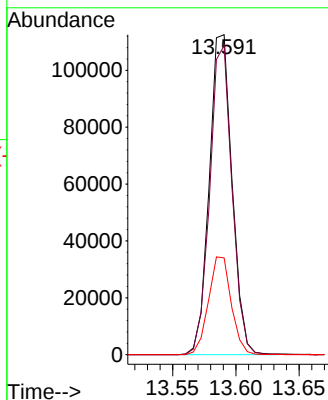
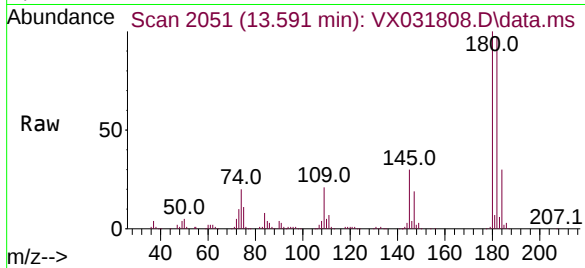




#89  
1,2,4-Trichlorobenzene  
Concen: 51.668 ug/l  
RT: 13.591 min Scan# 2050  
Delta R.T. 0.006 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

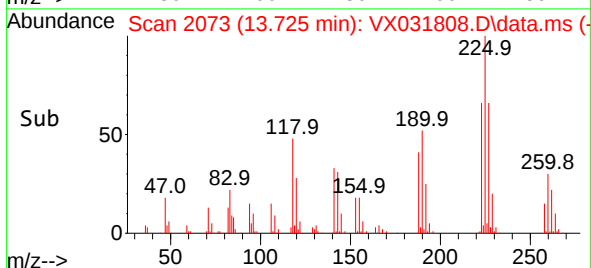
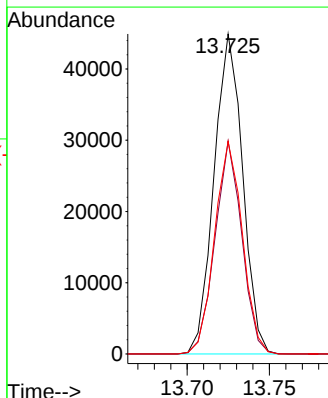
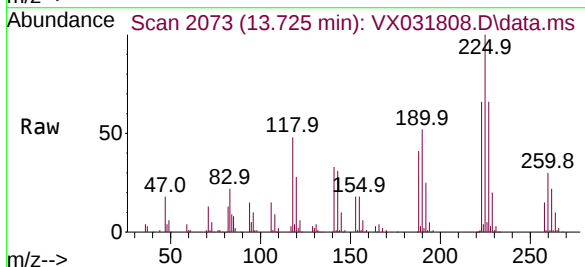
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

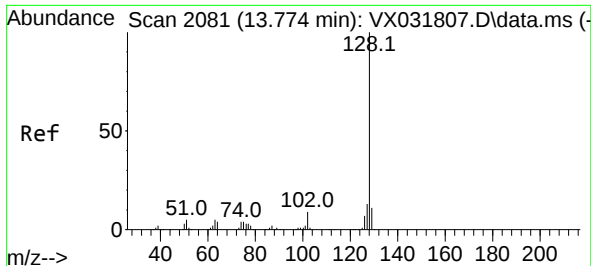
Tgt Ion:180 Resp: 141354  
Ion Ratio Lower Upper  
180 100  
182 94.2 75.3 112.9  
145 30.5 25.9 38.9



#90  
Hexachlorobutadiene  
Concen: 49.416 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

Tgt Ion:225 Resp: 54313  
Ion Ratio Lower Upper  
225 100  
223 62.3 0.0 126.0  
227 64.6 0.0 127.6

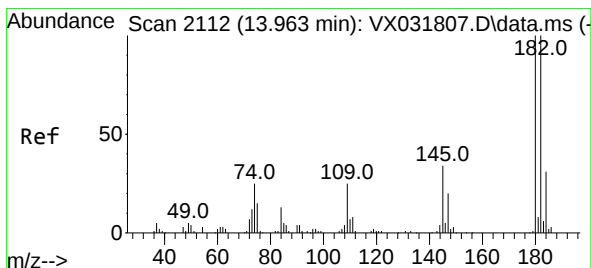
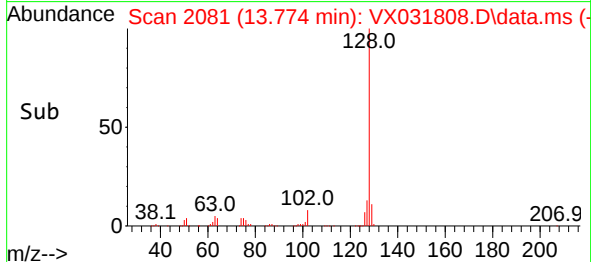
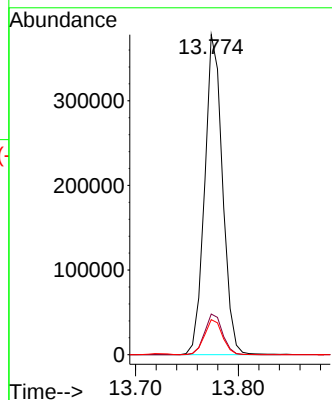
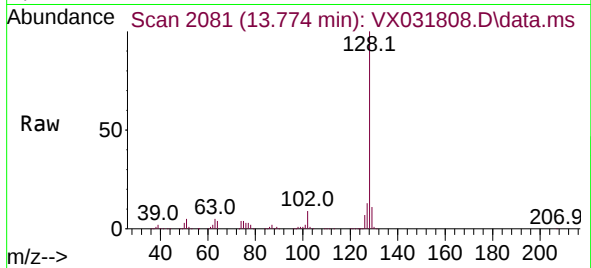




#91  
Naphthalene  
Concen: 52.150 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

Tgt Ion:128 Resp: 456471  
Ion Ratio Lower Upper  
128 100  
127 12.8 9.9 14.9  
129 11.1 8.4 12.6



#92  
1,2,3-Trichlorobenzene  
Concen: 51.600 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX031808.D  
Acq: 30 Sep 2022 12:34

Tgt Ion:180 Resp: 139820  
Ion Ratio Lower Upper  
180 100  
182 95.5 0.0 199.0  
145 33.2 0.0 68.2

