

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090922\  
 Data File : VX031255.D  
 Acq On : 09 Sep 2022 14:33  
 Operator : JC/MD  
 Sample : VX0909WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0909WBS02

Quant Time: Sep 12 00:50:15 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X090722W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 07 23:22:41 2022  
 Response via : Initial Calibration

| Compound                     | R.T. QIon |       | Response | Conc     | Units | Dev(Min)  |
|------------------------------|-----------|-------|----------|----------|-------|-----------|
| -----                        |           |       |          |          |       |           |
| Internal Standards           |           |       |          |          |       |           |
| 1) Pentafluorobenzene        | 5.562     | 168   | 33925    | 50.000   | ug/l  | # 0.00    |
| 34) 1,4-Difluorobenzene      | 6.763     | 114   | 58052    | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5         | 10.055    | 117   | 60867    | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4   | 12.024    | 152   | 37573    | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds  |           |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4    | 5.958     | 65    | 50974    | 63.464   | ug/l  | 0.00      |
| Spiked Amount                | 50.000    | Range | 74 - 125 | Recovery | =     | 126.920%# |
| 35) Dibromofluoromethane     | 5.397     | 113   | 33766    | 53.376   | ug/l  | 0.00      |
| Spiked Amount                | 50.000    | Range | 75 - 124 | Recovery | =     | 106.760%  |
| 50) Toluene-d8               | 8.653     | 98    | 113103   | 49.209   | ug/l  | 0.00      |
| Spiked Amount                | 50.000    | Range | 86 - 113 | Recovery | =     | 98.420%   |
| 62) 4-Bromofluorobenzene     | 11.079    | 95    | 45448    | 53.957   | ug/l  | 0.00      |
| Spiked Amount                | 50.000    | Range | 83 - 123 | Recovery | =     | 107.920%  |
| Target Compounds             |           |       |          |          |       |           |
|                              |           |       |          |          |       | Qvalue    |
| 2) Dichlorodifluoromethane   | 1.167     | 85    | 11482    | 21.061   | ug/l  | 99        |
| 3) Chloromethane             | 1.288     | 50    | 7243     | 17.289   | ug/l  | 89        |
| 4) Vinyl Chloride            | 1.374     | 62    | 9982     | 20.184   | ug/l  | 92        |
| 5) Bromomethane              | 1.605     | 94    | 7651     | 24.214   | ug/l  | 83        |
| 6) Chloroethane              | 1.685     | 64    | 6589     | 23.750   | ug/l  | 95        |
| 7) Trichlorofluoromethane    | 1.886     | 101   | 26326    | 24.429   | ug/l  | 99        |
| 8) Diethyl Ether             | 2.136     | 74    | 7353     | 24.023   | ug/l  | 76        |
| 9) 1,1,2-Trichlorotrifluo... | 2.331     | 101   | 11423    | 18.745   | ug/l  | 94        |
| 10) Methyl Iodide            | 2.453     | 142   | 12296    | 16.318   | ug/l  | # 72      |
| 11) Tert butyl alcohol       | 2.983     | 59    | 17986    | 110.250  | ug/l  | 95        |
| 12) 1,1-Dichloroethene       | 2.319     | 96    | 10347    | 18.065   | ug/l  | 83        |
| 13) Acrolein                 | 2.240     | 56    | 12095    | 108.428  | ug/l  | 93        |
| 14) Allyl chloride           | 2.666     | 41    | 13401    | 17.416   | ug/l  | # 59      |
| 15) Acrylonitrile            | 3.069     | 53    | 27974    | 91.467   | ug/l  | 94        |
| 16) Acetone                  | 2.386     | 43    | 29256    | 105.198  | ug/l  | # 87      |
| 17) Carbon Disulfide         | 2.514     | 76    | 25906    | 18.396   | ug/l  | 97        |
| 18) Methyl Acetate           | 2.703     | 43    | 13675    | 18.994   | ug/l  | # 84      |
| 19) Methyl tert-butyl Ether  | 3.117     | 73    | 44162    | 21.708   | ug/l  | # 84      |
| 20) Methylene Chloride       | 2.788     | 84    | 12895    | 19.728   | ug/l  | # 82      |
| 21) trans-1,2-Dichloroethene | 3.093     | 96    | 11674    | 18.395   | ug/l  | 86        |
| 22) Diisopropyl ether        | 3.764     | 45    | 26122    | 16.167   | ug/l  | # 87      |
| 23) Vinyl Acetate            | 3.727     | 43    | 122337   | 90.205   | ug/l  | # 85      |
| 24) 1,1-Dichloroethane       | 3.611     | 63    | 20557    | 19.181   | ug/l  | 96        |
| 25) 2-Butanone               | 4.562     | 43    | 39309    | 95.425   | ug/l  | # 80      |
| 26) 2,2-Dichloropropane      | 4.477     | 77    | 21732    | 22.661   | ug/l  | 86        |
| 27) cis-1,2-Dichloroethene   | 4.489     | 96    | 12916    | 17.726   | ug/l  | 88        |
| 28) Bromochloromethane       | 4.904     | 49    | 7440     | 19.145   | ug/l  | # 67      |
| 29) Tetrahydrofuran          | 5.019     | 42    | 19730    | 81.124   | ug/l  | # 64      |
| 30) Chloroform               | 5.099     | 83    | 26387    | 20.815   | ug/l  | 98        |
| 31) Cyclohexane              | 5.477     | 56    | 15225    | 16.963   | ug/l  | # 76      |
| 32) 1,1,1-Trichloroethane    | 5.391     | 97    | 27069    | 23.691   | ug/l  | 98        |
| 36) 1,1-Dichloropropene      | 5.696     | 75    | 17503    | 18.475   | ug/l  | 95        |
| 37) Ethyl Acetate            | 4.721     | 43    | 14034    | 16.698   | ug/l  | # 93      |
| 38) Carbon Tetrachloride     | 5.678     | 117   | 23156    | 23.231   | ug/l  | # 91      |
| 39) Methylcyclohexane        | 7.385     | 83    | 19000    | 17.560   | ug/l  | 92        |
| 40) Benzene                  | 6.038     | 78    | 45084    | 17.518   | ug/l  | 100       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090922\  
 Data File : VX031255.D  
 Acq On : 09 Sep 2022 14:33  
 Operator : JC/MD  
 Sample : VX0909WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0909WBS02

Quant Time: Sep 12 00:50:15 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X090722W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 07 23:22:41 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.928  | 41   | 6804     | 15.482  | ug/l # | 75       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 24453    | 23.207  | ug/l   | 90       |
| 43) Isopropyl Acetate         | 6.349  | 43   | 23310    | 17.591  | ug/l # | 93       |
| 44) Trichloroethene           | 7.129  | 130  | 13931    | 19.257  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 9836     | 15.552  | ug/l # | 86       |
| 46) Dibromomethane            | 7.592  | 93   | 9580     | 19.102  | ug/l   | 93       |
| 47) Bromodichloromethane      | 7.824  | 83   | 21533    | 22.072  | ug/l   | 89       |
| 48) Methyl methacrylate       | 7.696  | 41   | 11652    | 18.058  | ug/l # | 80       |
| 49) 1,4-Dioxane               | 7.684  | 88   | 6692     | 375.678 | ug/l   | 90       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 74464    | 91.770  | ug/l   | 92       |
| 52) Toluene                   | 8.720  | 92   | 29960    | 17.650  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 20439    | 20.111  | ug/l   | 92       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 20870    | 19.127  | ug/l   | 91       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 12809    | 18.354  | ug/l   | 92       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 18497    | 17.990  | ug/l # | 88       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 20245    | 16.789  | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether | 8.245  | 63   | 41472    | 85.583  | ug/l # | 86       |
| 59) 2-Hexanone                | 9.433  | 43   | 57766    | 94.140  | ug/l   | 98       |
| 60) Dibromochloromethane      | 9.525  | 129  | 14393    | 20.004  | ug/l   | 94       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 13493    | 17.398  | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.275  | 164  | 10947    | 17.276  | ug/l   | 94       |
| 65) Chlorobenzene             | 10.080 | 112  | 31839    | 17.766  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 13888    | 19.840  | ug/l   | 94       |
| 67) Ethyl Benzene             | 10.195 | 91   | 62774    | 19.329  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.305 | 106  | 45499    | 37.794  | ug/l   | 81       |
| 69) o-Xylene                  | 10.647 | 106  | 22918    | 19.074  | ug/l   | 85       |
| 70) Styrene                   | 10.659 | 104  | 37478    | 19.452  | ug/l # | 88       |
| 71) Bromoform                 | 10.805 | 173  | 10721    | 22.987  | ug/l # | 97       |
| 73) Isopropylbenzene          | 10.964 | 105  | 63200    | 19.370  | ug/l   | 95       |
| 74) N-amyl acetate            | 10.842 | 43   | 19101    | 18.389  | ug/l # | 88       |
| 75) 1,1,2,2-Tetrachloroethane | 11.214 | 83   | 18188    | 17.858  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 22495    | 21.937  | ug/l   | 90       |
| 77) Bromobenzene              | 11.201 | 156  | 13549    | 19.107  | ug/l   | 95       |
| 78) n-propylbenzene           | 11.305 | 91   | 72524    | 19.500  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 45340    | 19.678  | ug/l   | 89       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 54644    | 19.922  | ug/l   | 93       |
| 81) trans-1,4-Dichloro-2-b... | 11.025 | 75   | 5743     | 18.061  | ug/l # | 78       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 52667    | 19.756  | ug/l   | 88       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 52967    | 19.589  | ug/l   | 89       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 54038    | 20.265  | ug/l   | 92       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 62716    | 18.728  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 52938    | 19.567  | ug/l   | 90       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 25881    | 19.638  | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 25673    | 18.942  | ug/l   | 95       |
| 89) n-Butylbenzene            | 12.335 | 91   | 46924    | 20.116  | ug/l   | 97       |
| 90) Hexachloroethane          | 12.543 | 117  | 9669     | 20.800  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 26594    | 20.577  | ug/l   | 94       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 5892     | 21.064  | ug/l   | 79       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 14532    | 19.228  | ug/l   | 94       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 6248     | 19.468  | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 58095    | 19.622  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 14235    | 18.500  | ug/l   | 91       |

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Data File : VX031255.D  
Acq On : 09 Sep 2022 14:33  
Operator : JC/MD  
Sample : VX0909WBSD01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS02

Quant Time: Sep 12 00:50:15 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X090722W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 07 23:22:41 2022  
Response via : Initial Calibration

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

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

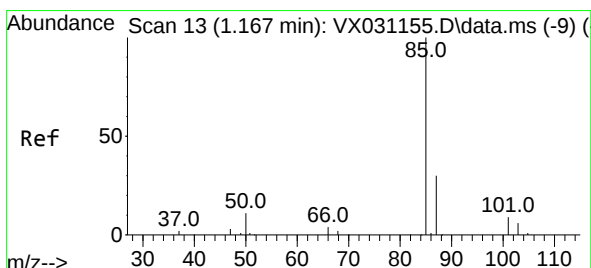
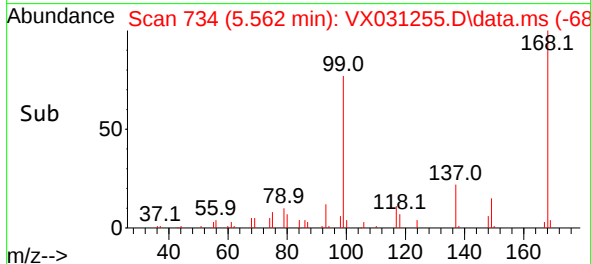
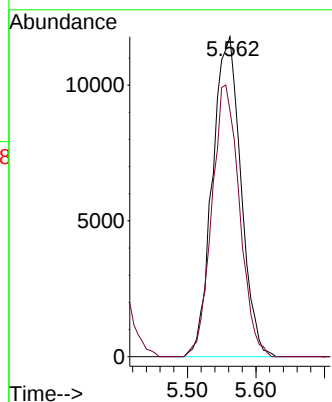
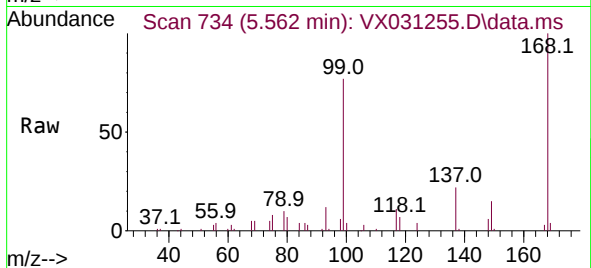




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

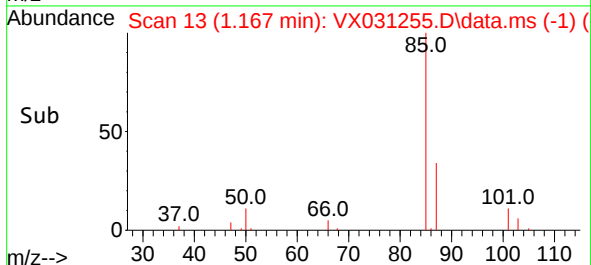
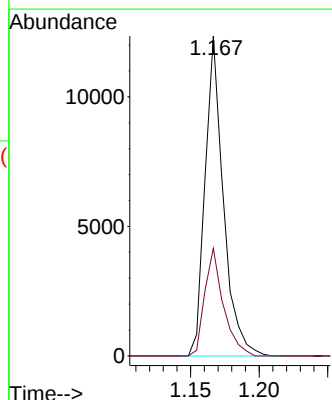
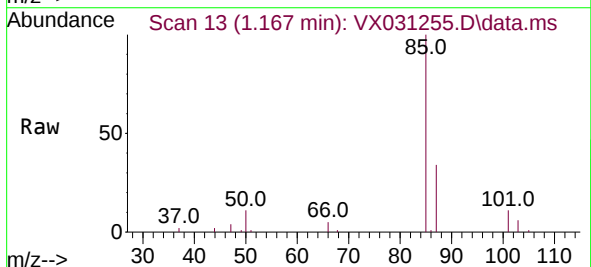
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS02

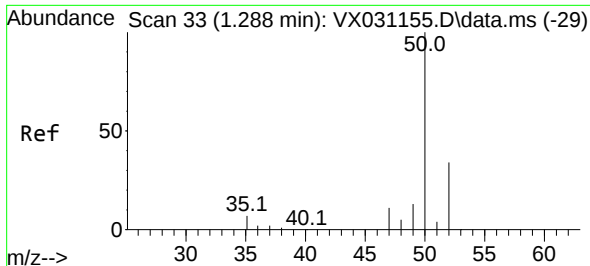
Tgt Ion:168 Resp: 33925  
Ion Ratio Lower Upper  
168 100  
99 76.9 44.0 66.0#



#2  
Dichlorodifluoromethane  
Concen: 21.061 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

Tgt Ion: 85 Resp: 11482  
Ion Ratio Lower Upper  
85 100  
87 33.6 16.5 49.5

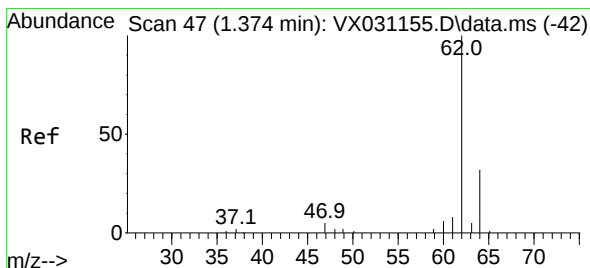
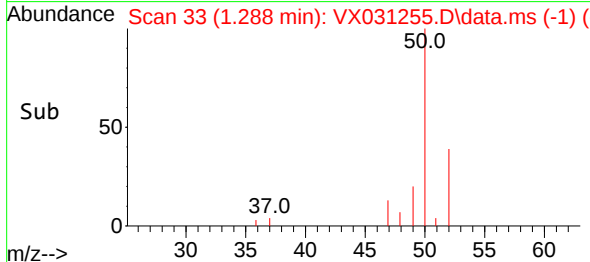
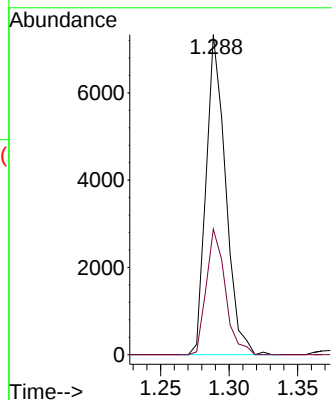
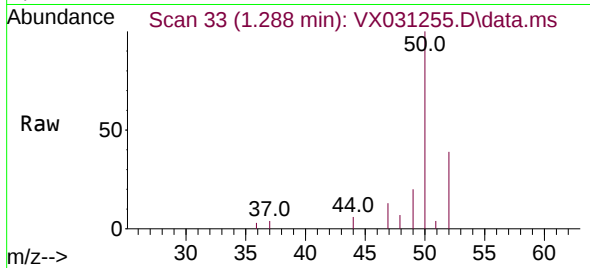




#3  
Chloromethane  
Concen: 17.289 ug/l  
RT: 1.288 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

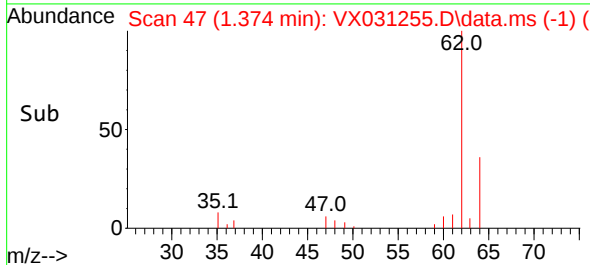
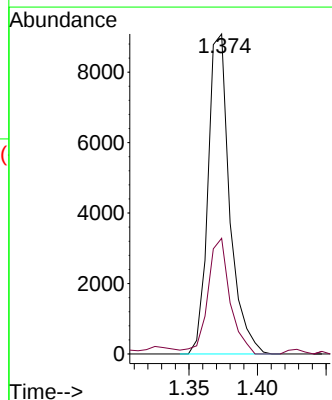
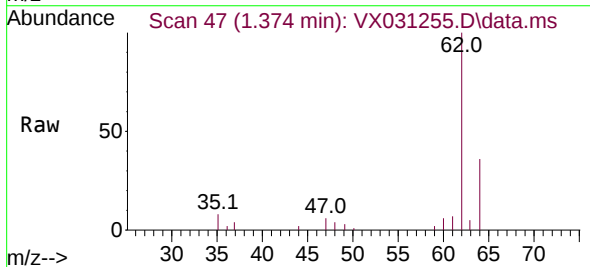
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS02

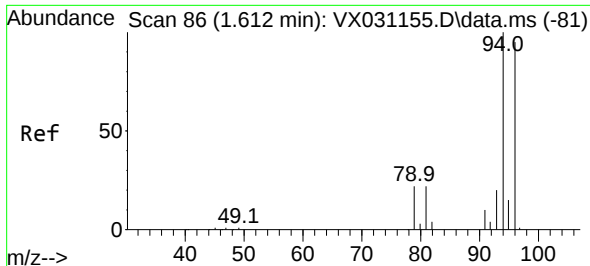
Tgt Ion: 50 Resp: 7243  
Ion Ratio Lower Upper  
50 100  
52 39.3 26.3 39.5



#4  
Vinyl Chloride  
Concen: 20.184 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

Tgt Ion: 62 Resp: 9982  
Ion Ratio Lower Upper  
62 100  
64 36.2 25.2 37.8

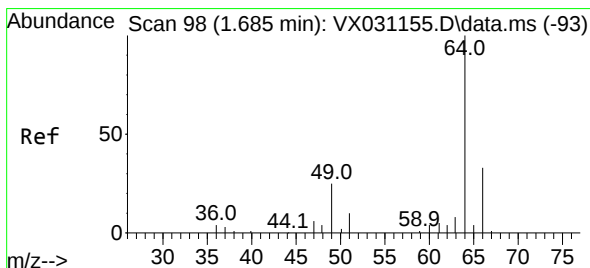
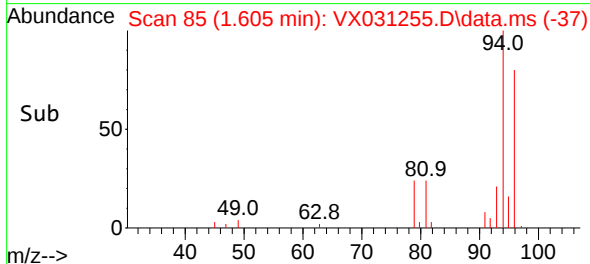
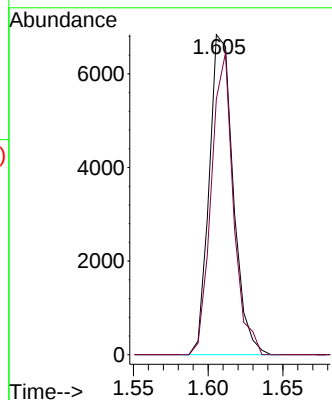
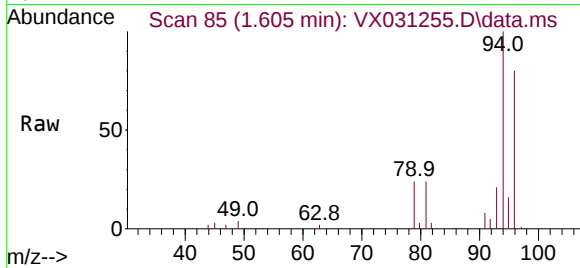




#5  
Bromomethane  
Concen: 24.214 ug/l  
RT: 1.605 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

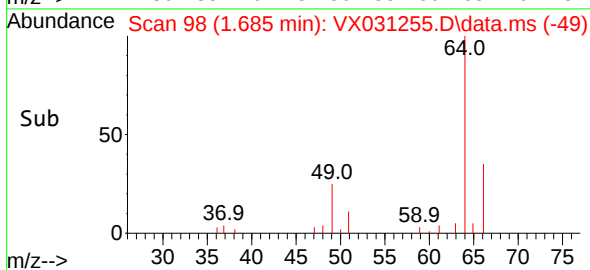
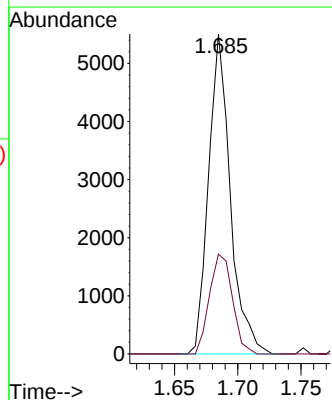
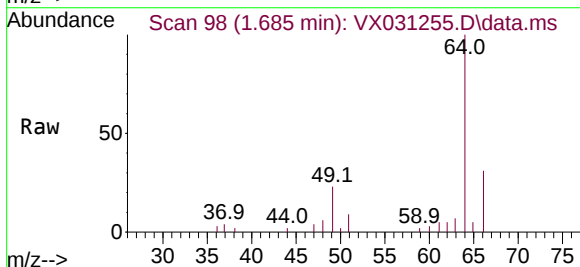
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS02

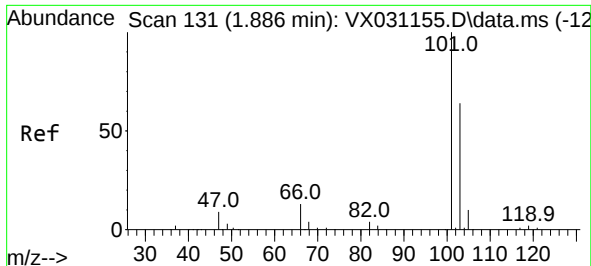
Tgt Ion: 94 Resp: 7651  
Ion Ratio Lower Upper  
94 100  
96 80.0 76.9 115.3



#6  
Chloroethane  
Concen: 23.750 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

Tgt Ion: 64 Resp: 6589  
Ion Ratio Lower Upper  
64 100  
66 31.2 27.2 40.8

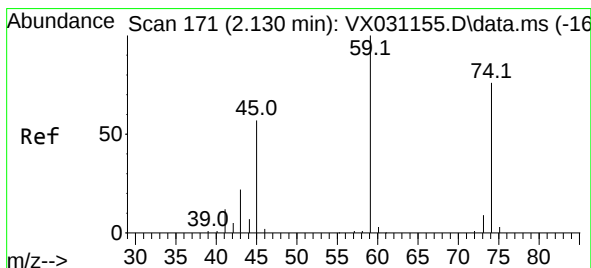
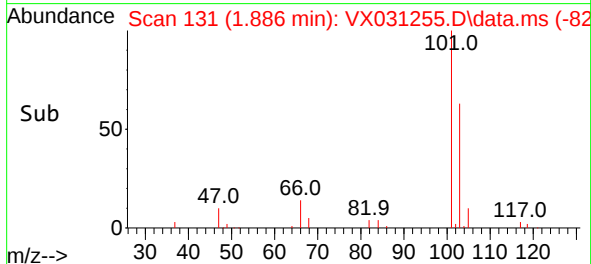
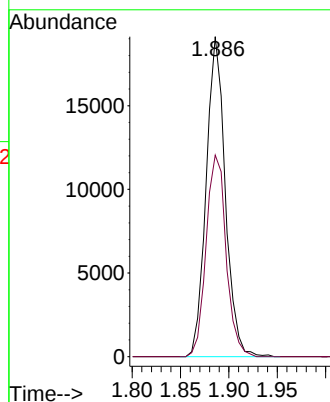
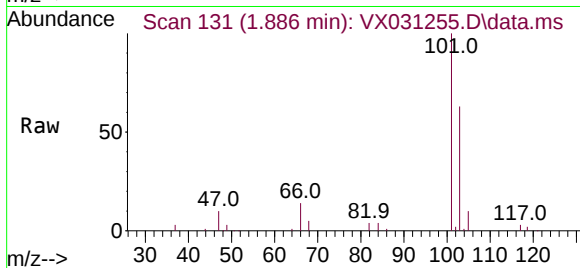




#7  
 Trichlorofluoromethane  
 Concen: 24.429 ug/l  
 RT: 1.886 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX031255.D  
 Acq: 09 Sep 2022 14:33

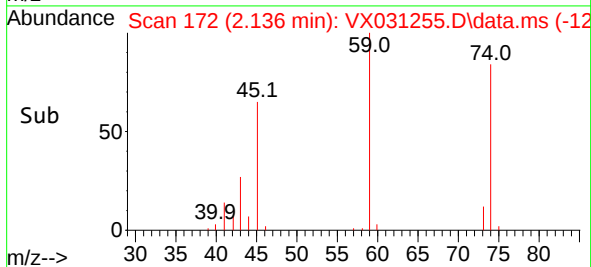
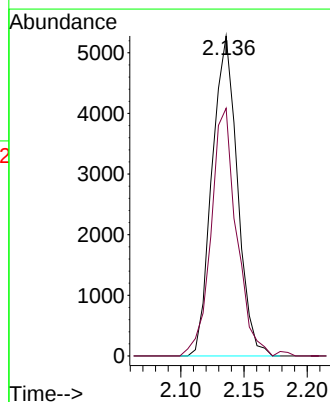
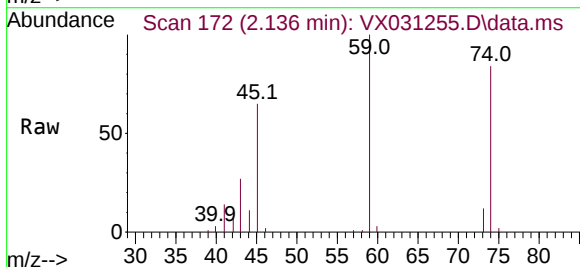
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0909WBS02

Tgt Ion:101 Resp: 26326  
 Ion Ratio Lower Upper  
 101 100  
 103 63.0 49.7 74.5



#8  
 Diethyl Ether  
 Concen: 24.023 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.006 min  
 Lab File: VX031255.D  
 Acq: 09 Sep 2022 14:33

Tgt Ion: 74 Resp: 7353  
 Ion Ratio Lower Upper  
 74 100  
 45 78.4 51.5 154.7

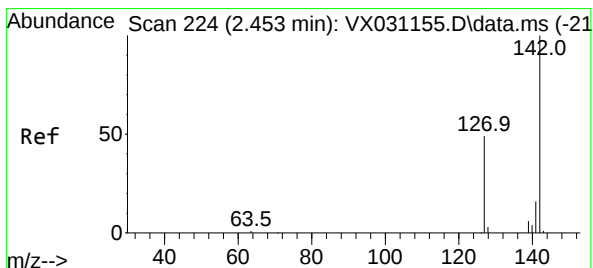
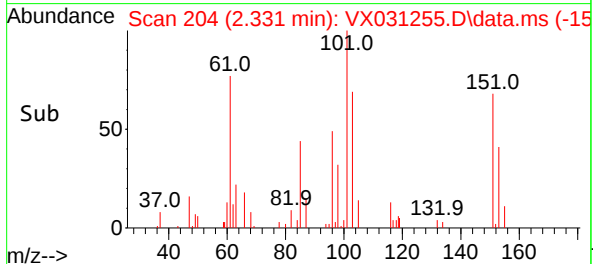
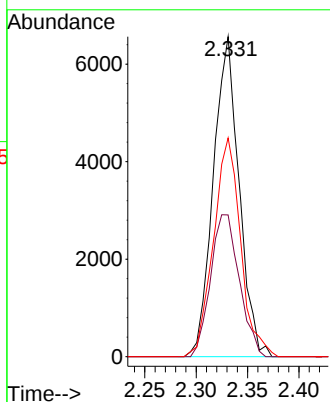
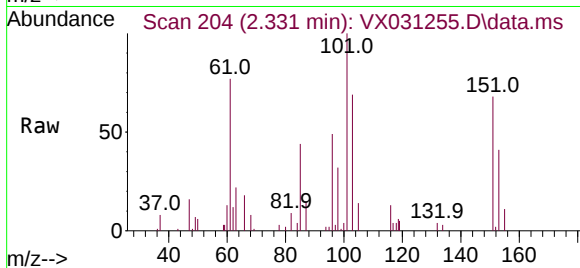




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.745 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

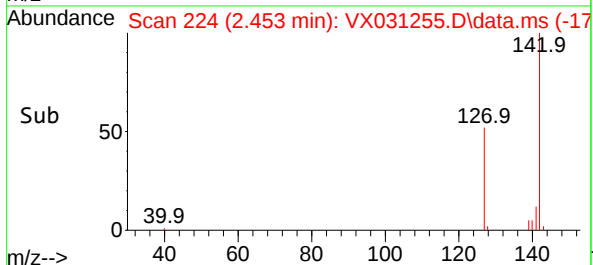
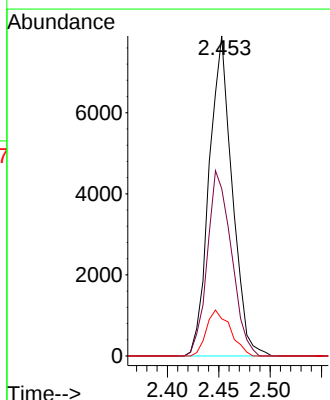
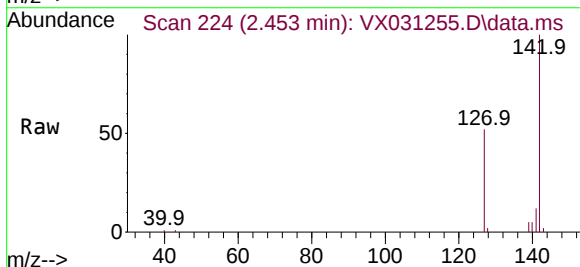
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS02

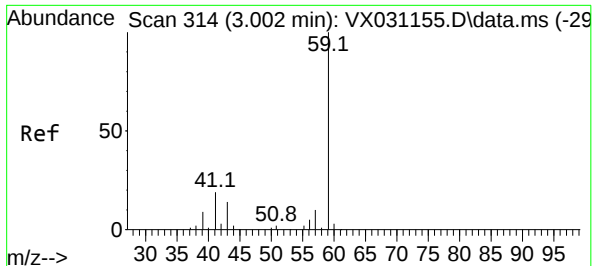
Tgt Ion:101 Resp: 11423  
Ion Ratio Lower Upper  
101 100  
85 49.5 34.0 51.0  
151 71.9 59.4 89.0



#10  
Methyl Iodide  
Concen: 16.318 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

Tgt Ion:142 Resp: 12296  
Ion Ratio Lower Upper  
142 100  
127 60.5 30.2 45.2#  
141 14.9 11.3 16.9

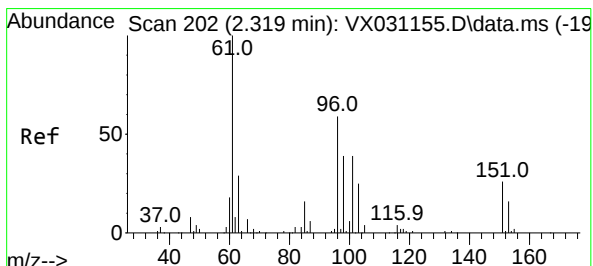
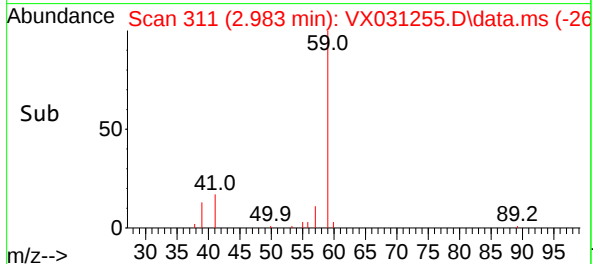
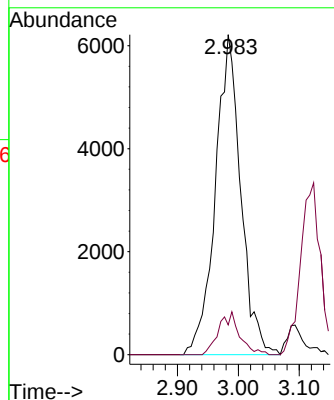
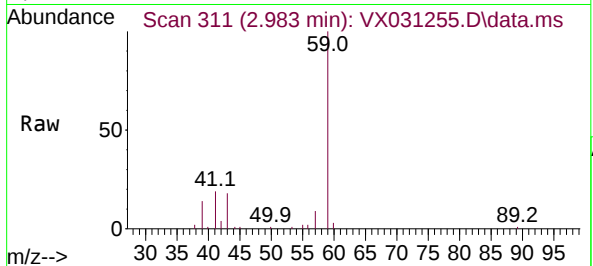




#11  
Tert butyl alcohol  
Concen: 110.250 ug/l  
RT: 2.983 min Scan# 311  
Delta R.T. -0.019 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

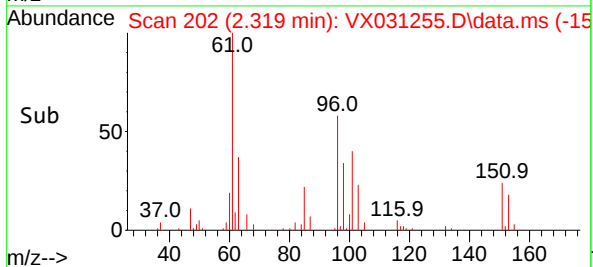
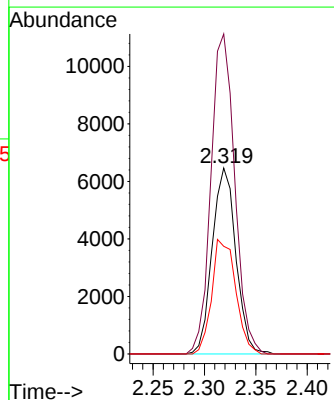
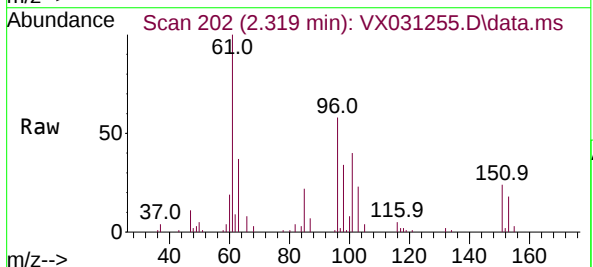
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS02

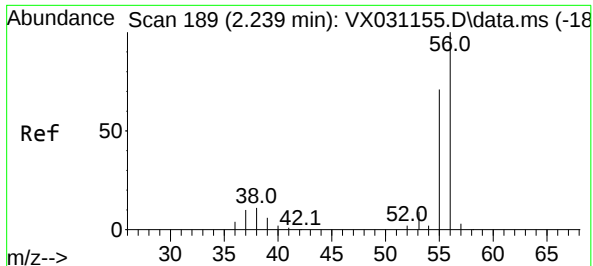
Tgt Ion: 59 Resp: 17986  
Ion Ratio Lower Upper  
59 100  
57 11.0 7.4 11.2



#12  
1,1-Dichloroethene  
Concen: 18.065 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

Tgt Ion: 96 Resp: 10347  
Ion Ratio Lower Upper  
96 100  
61 172.2 117.4 176.0  
98 58.0 52.2 78.4

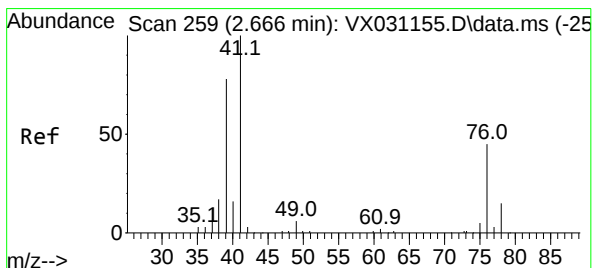
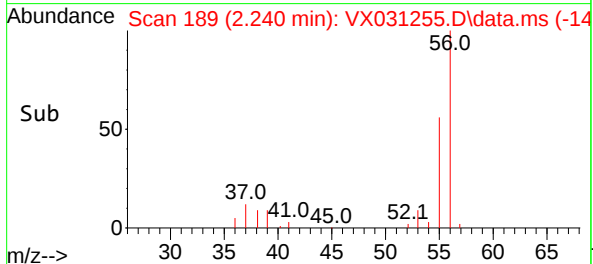
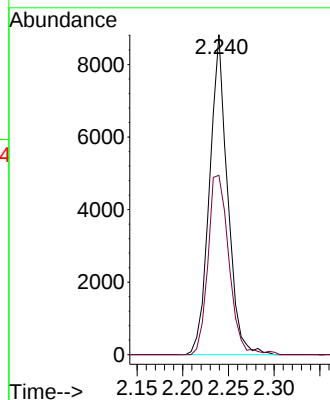
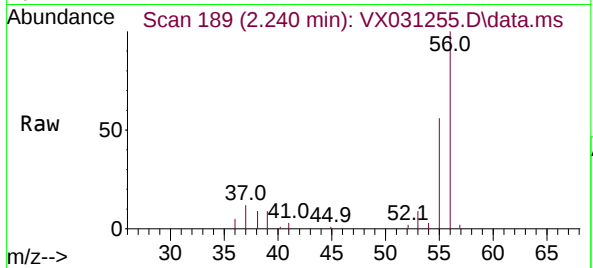




#13  
Acrolein  
Concen: 108.428 ug/l  
RT: 2.240 min Scan# 189  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

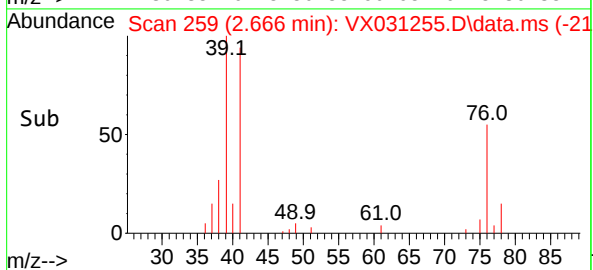
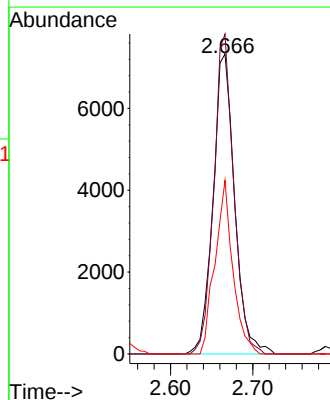
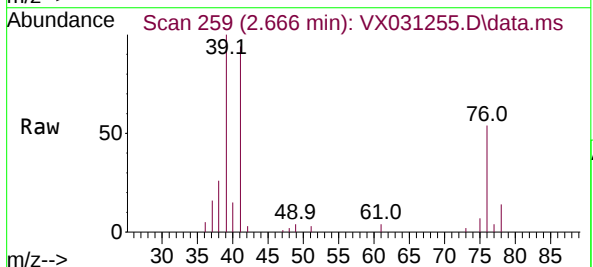
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS02

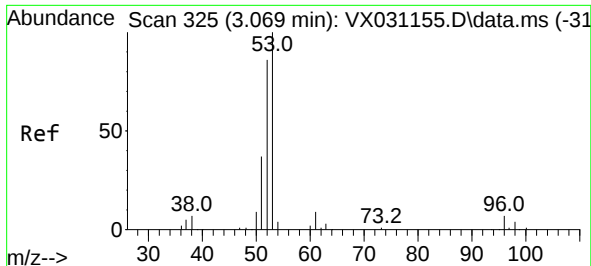
Tgt Ion: 56 Resp: 12095  
Ion Ratio Lower Upper  
56 100  
55 65.1 56.6 84.8



#14  
Allyl chloride  
Concen: 17.416 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

Tgt Ion: 41 Resp: 13401  
Ion Ratio Lower Upper  
41 100  
39 98.6 48.9 73.3#  
76 48.1 26.9 40.3#





#15

Acrylonitrile

Concen: 91.467 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX031255.D

Acq: 09 Sep 2022 14:33

Instrument :

MSVOA\_X

ClientSampleId :

VX0909WBS02

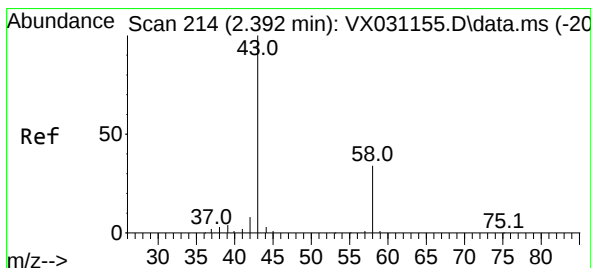
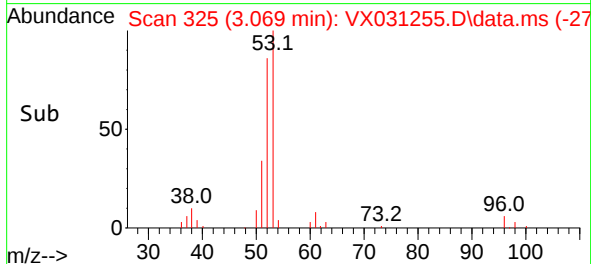
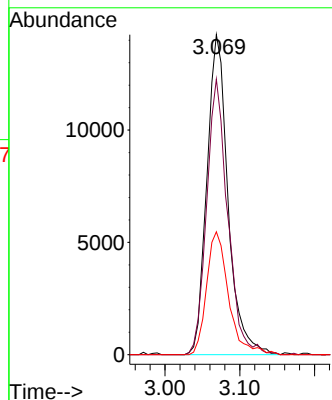
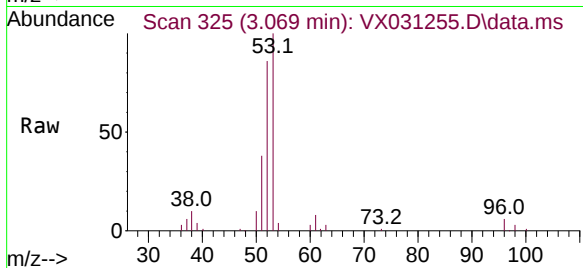
Tgt Ion: 53 Resp: 27974

Ion Ratio Lower Upper

53 100

52 86.0 65.4 98.0

51 40.1 27.7 41.5



#16

Acetone

Concen: 105.198 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX031255.D

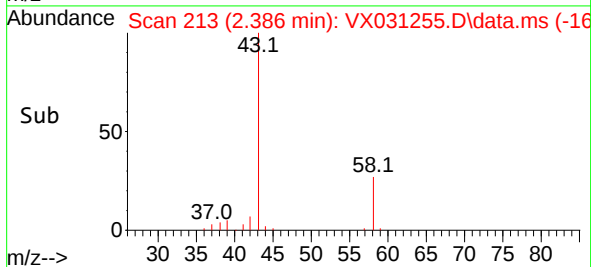
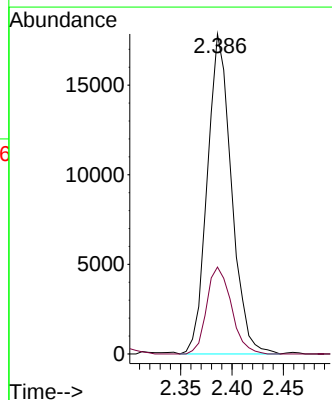
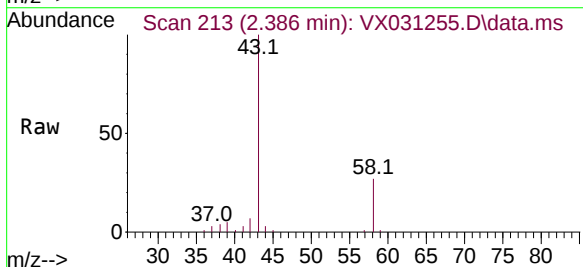
Acq: 09 Sep 2022 14:33

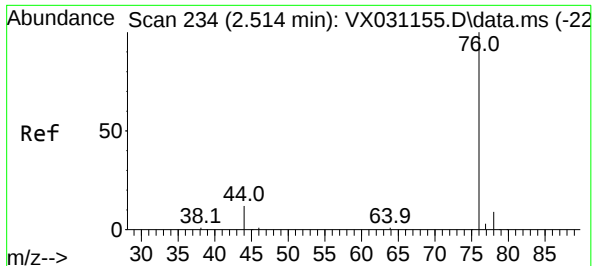
Tgt Ion: 43 Resp: 29256

Ion Ratio Lower Upper

43 100

58 27.1 27.7 41.5#

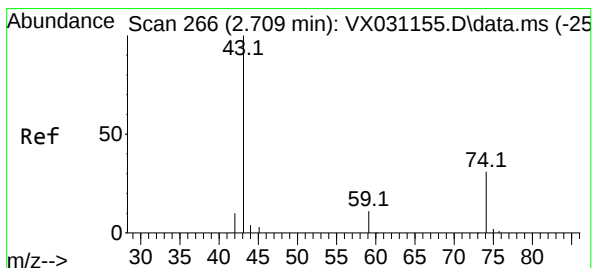
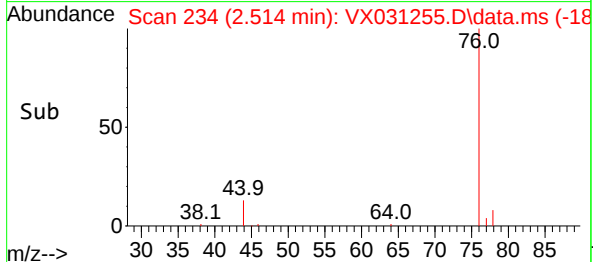
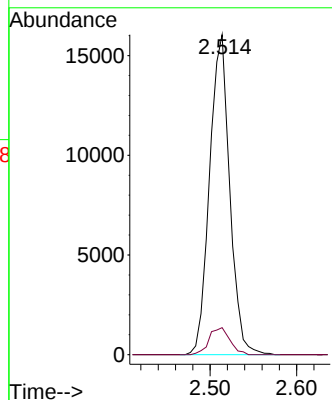
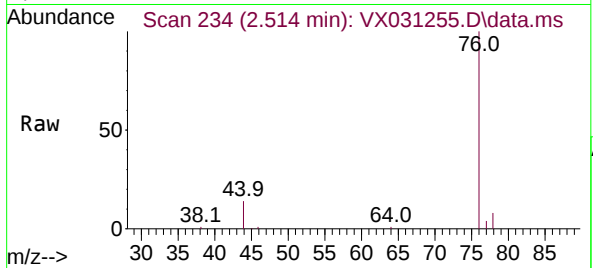




#17  
Carbon Disulfide  
Concen: 18.396 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

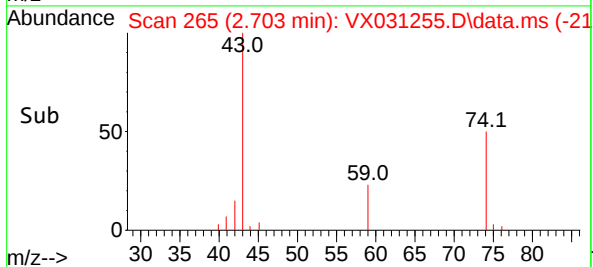
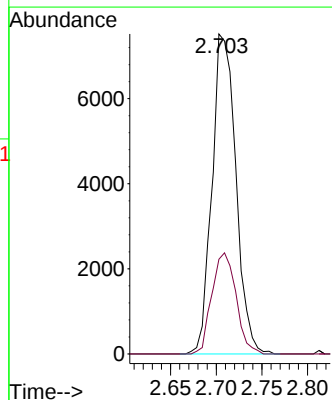
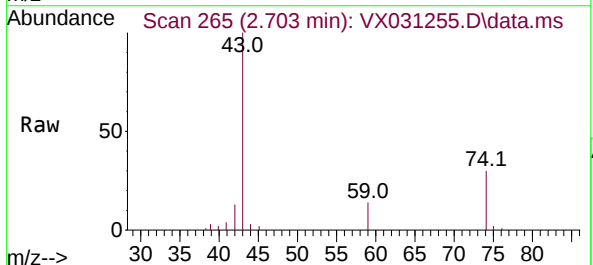
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS02

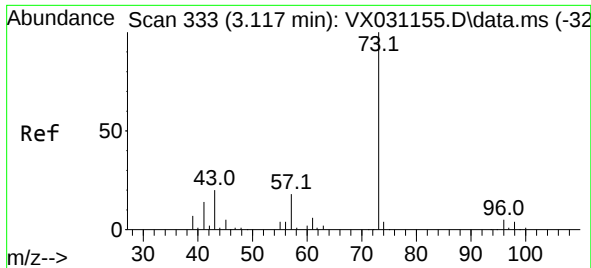
Tgt Ion: 76 Resp: 25906  
Ion Ratio Lower Upper  
76 100  
78 8.5 7.8 11.6



#18  
Methyl Acetate  
Concen: 18.994 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.006 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

Tgt Ion: 43 Resp: 13675  
Ion Ratio Lower Upper  
43 100  
74 32.1 19.4 29.2#

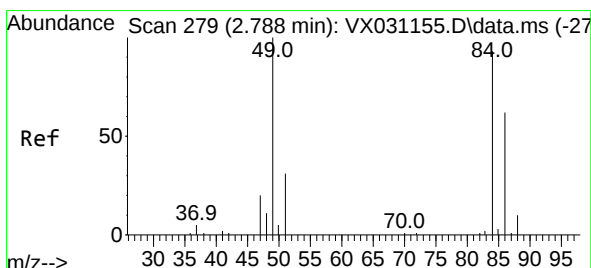
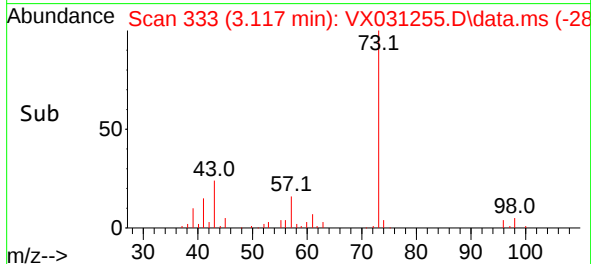
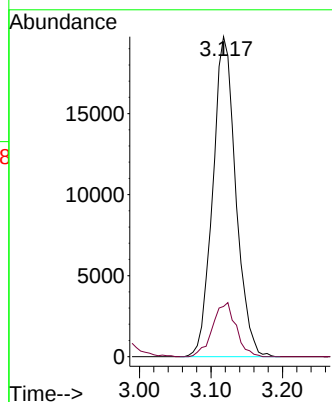
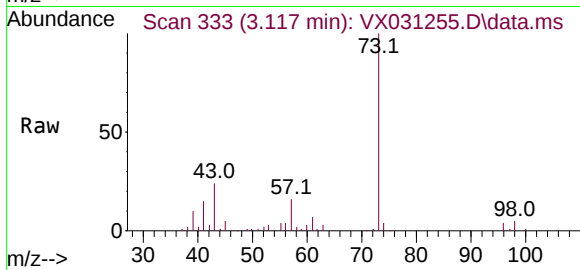




#19  
Methyl tert-butyl Ether  
Concen: 21.708 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

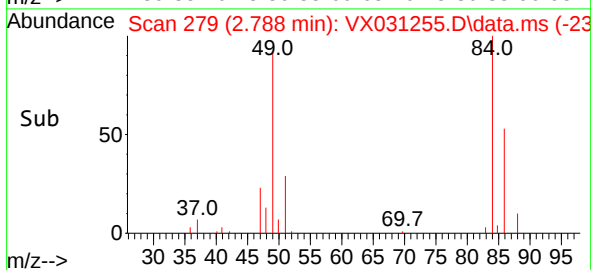
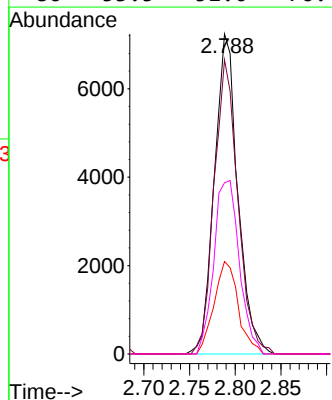
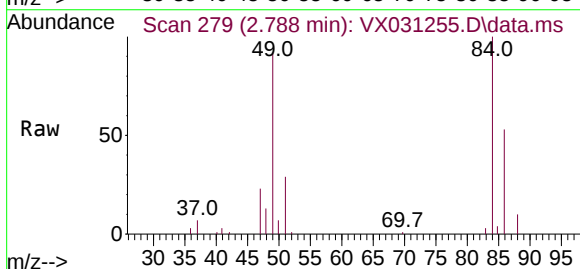
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS02

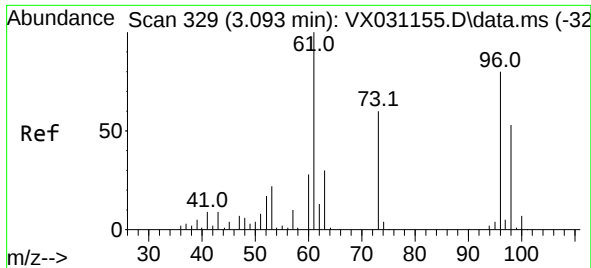
Tgt Ion: 73 Resp: 44162  
Ion Ratio Lower Upper  
73 100  
57 15.7 19.0 28.6#



#20  
Methylene Chloride  
Concen: 19.728 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

Tgt Ion: 84 Resp: 12895  
Ion Ratio Lower Upper  
84 100  
49 91.9 93.8 140.6#  
51 28.9 29.4 44.0#  
86 53.5 51.0 76.4

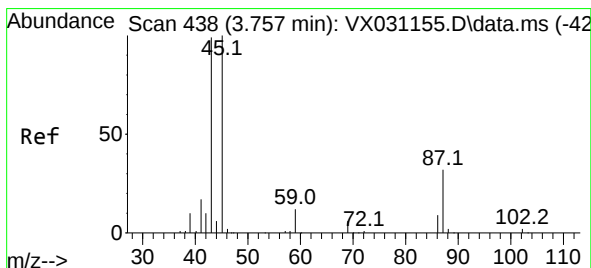
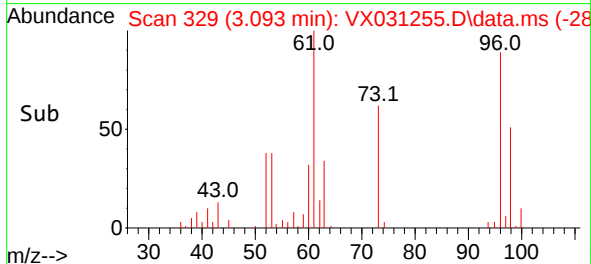
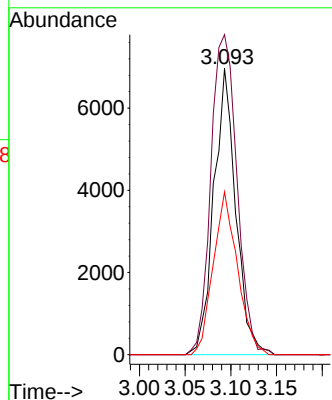
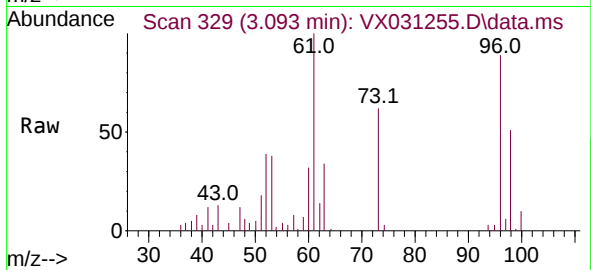




#21  
trans-1,2-Dichloroethene  
Concen: 18.395 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

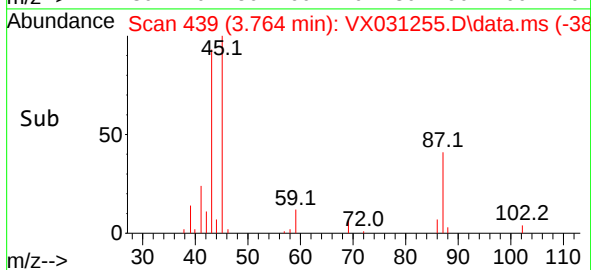
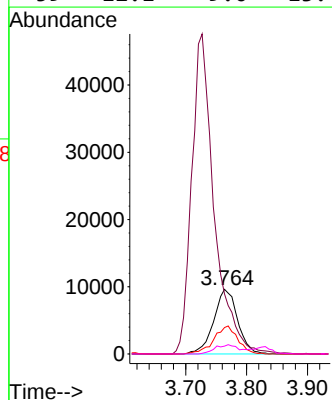
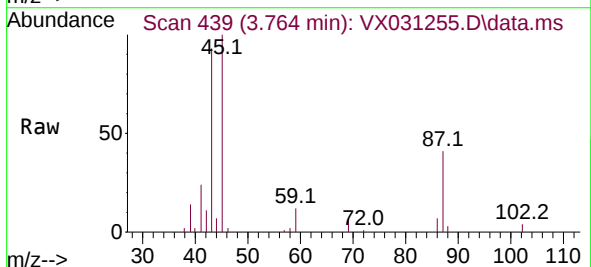
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS02

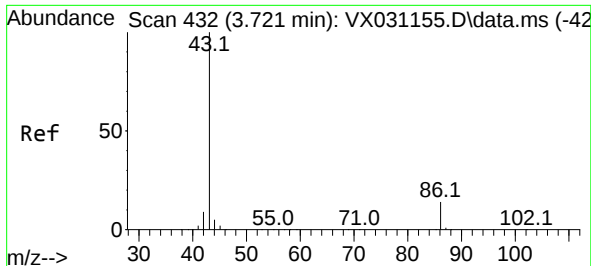
Tgt Ion: 96 Resp: 11674  
Ion Ratio Lower Upper  
96 100  
61 111.8 105.6 158.4  
98 56.9 50.1 75.1



#22  
Diisopropyl ether  
Concen: 16.167 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. 0.006 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

Tgt Ion: 45 Resp: 26122  
Ion Ratio Lower Upper  
45 100  
43 91.6 65.4 98.0  
87 40.9 22.3 33.5#  
59 12.1 9.0 13.4

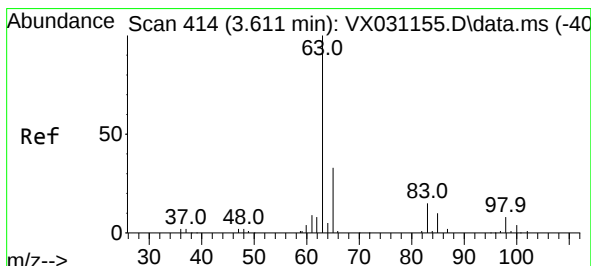
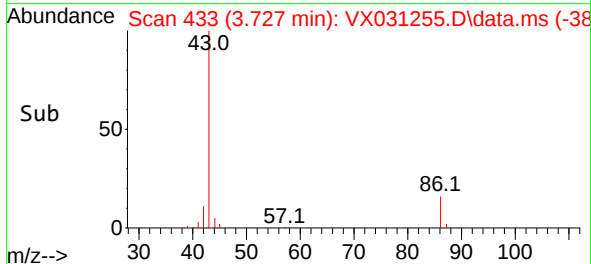
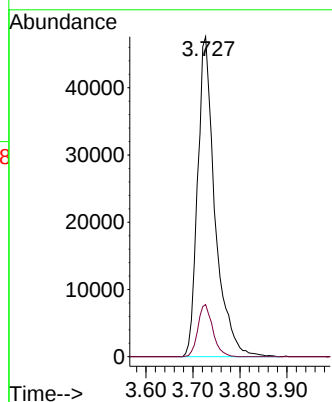
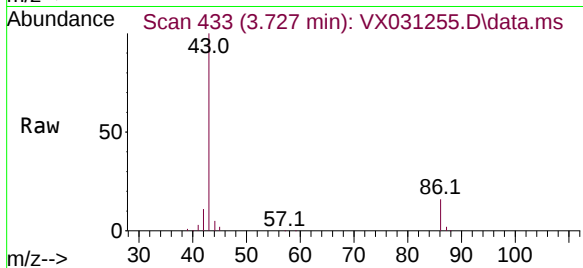




#23  
 Vinyl Acetate  
 Concen: 90.205 ug/l  
 RT: 3.727 min Scan# 41  
 Delta R.T. 0.006 min  
 Lab File: VX031255.D  
 Acq: 09 Sep 2022 14:33

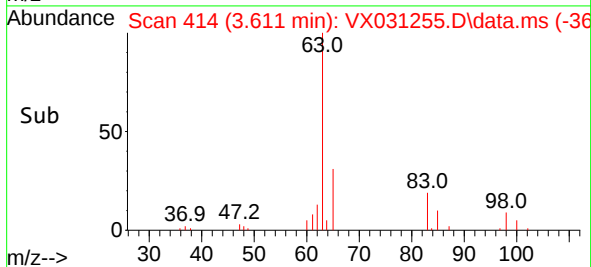
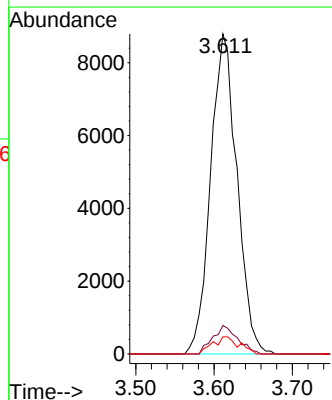
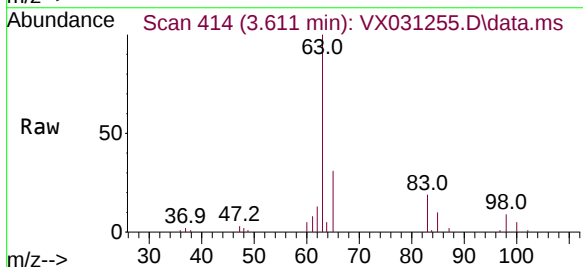
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0909WBS02

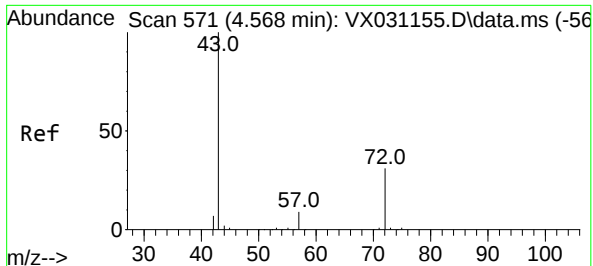
Tgt Ion: 43 Resp: 122337  
 Ion Ratio Lower Upper  
 43 100  
 86 16.3 8.5 12.7#



#24  
 1,1-Dichloroethane  
 Concen: 19.181 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: VX031255.D  
 Acq: 09 Sep 2022 14:33

Tgt Ion: 63 Resp: 20557  
 Ion Ratio Lower Upper  
 63 100  
 98 8.9 3.5 10.5  
 100 5.3 2.3 6.9





#25

2-Butanone

Concen: 95.425 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX031255.D

Acq: 09 Sep 2022 14:33

Instrument :

MSVOA\_X

ClientSampleId :

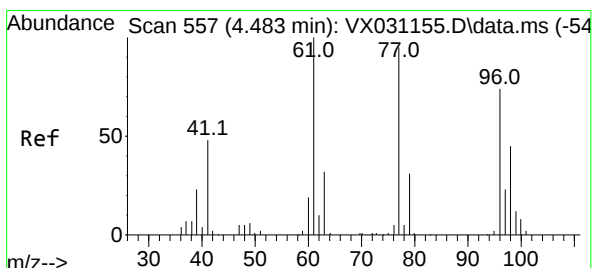
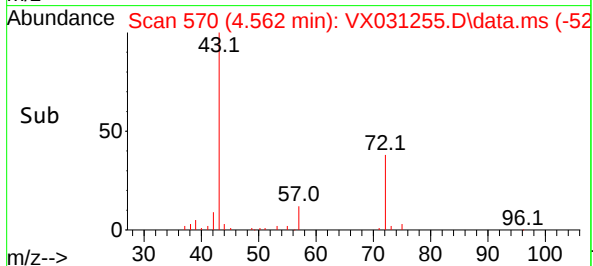
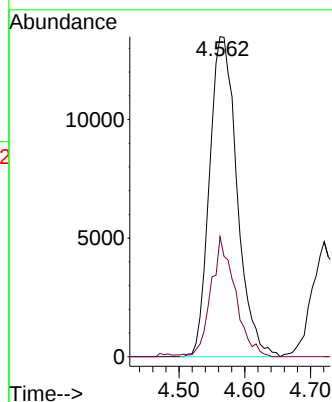
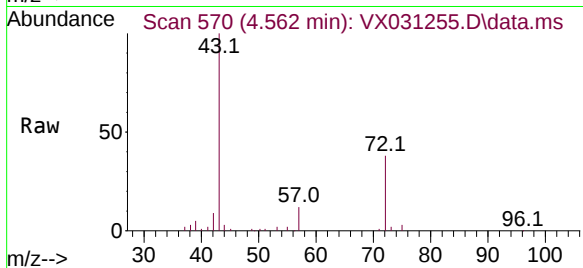
VX0909WBS02

Tgt Ion: 43 Resp: 39309

Ion Ratio Lower Upper

43 100

72 37.5 21.7 32.5#



#26

2,2-Dichloropropane

Concen: 22.661 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.006 min

Lab File: VX031255.D

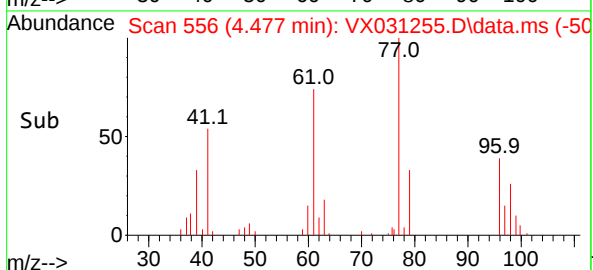
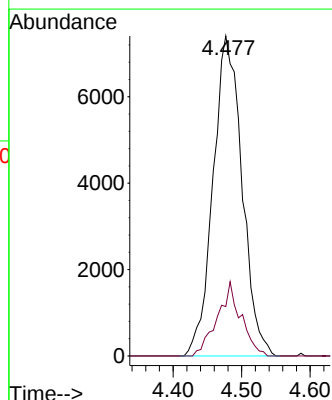
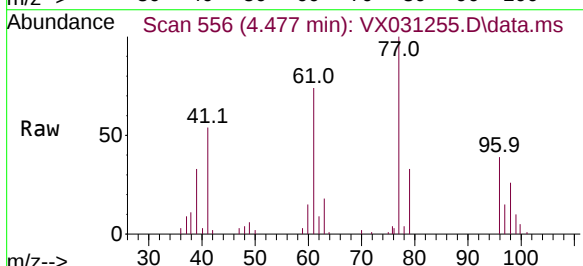
Acq: 09 Sep 2022 14:33

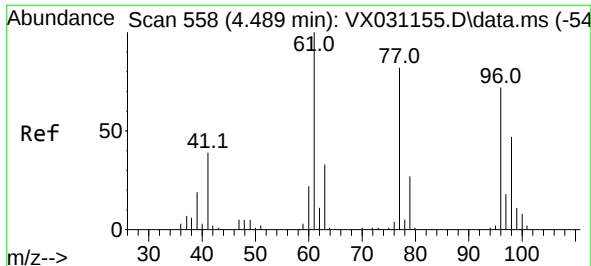
Tgt Ion: 77 Resp: 21732

Ion Ratio Lower Upper

77 100

97 18.9 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 17.726 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX031255.D

Acq: 09 Sep 2022 14:33

Instrument :

MSVOA\_X

ClientSampleId :

VX0909WBS02

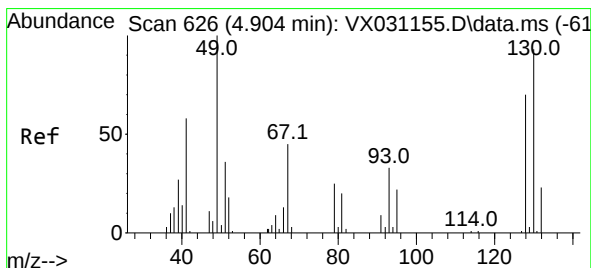
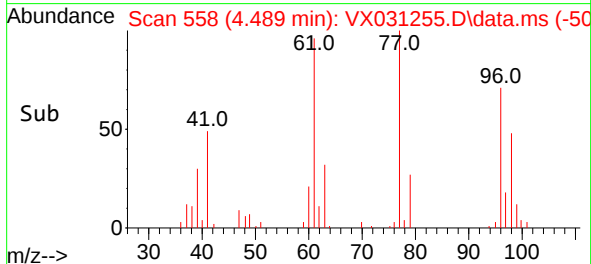
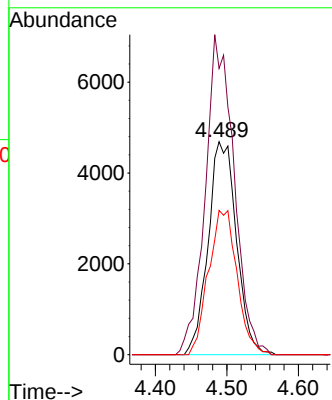
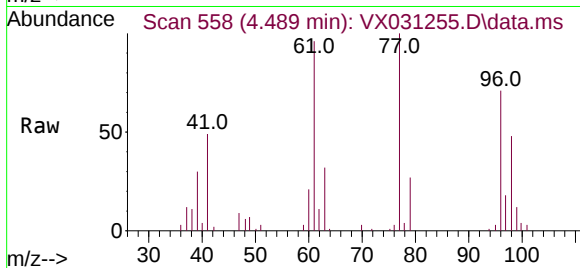
Tgt Ion: 96 Resp: 12916

Ion Ratio Lower Upper

96 100

61 152.2 0.0 270.0

98 68.4 0.0 127.8



#28

Bromochloromethane

Concen: 19.145 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX031255.D

Acq: 09 Sep 2022 14:33

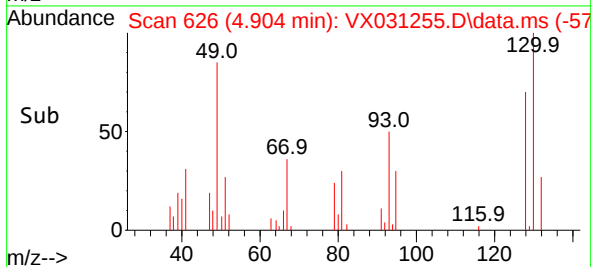
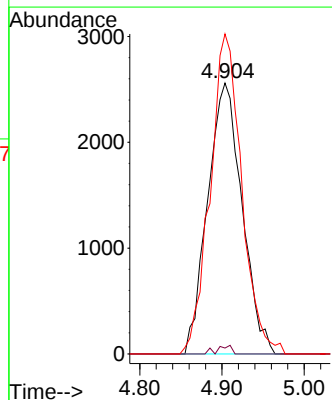
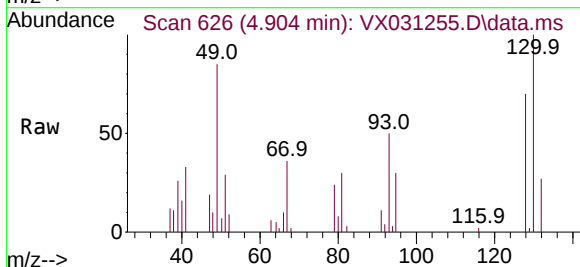
Tgt Ion: 49 Resp: 7440

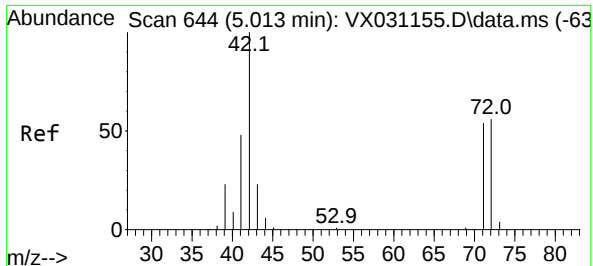
Ion Ratio Lower Upper

49 100

129 1.3 0.0 4.4

130 108.5 62.8 94.2#





#29

Tetrahydrofuran

Concen: 81.124 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX031255.D

Acq: 09 Sep 2022 14:33

Instrument :

MSVOA\_X

ClientSampleId :

VX0909WBS02

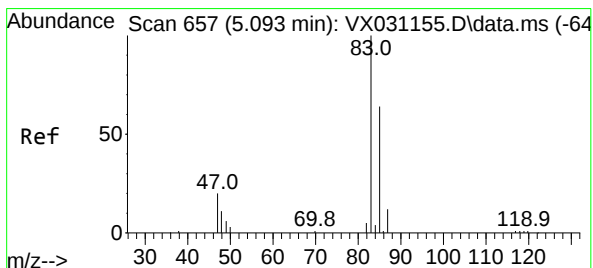
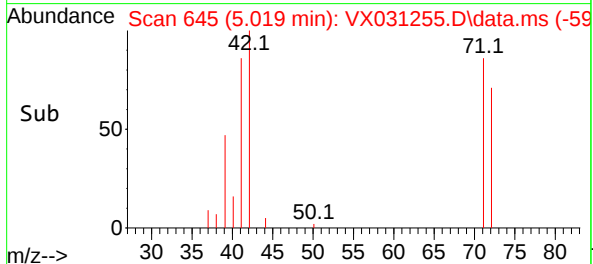
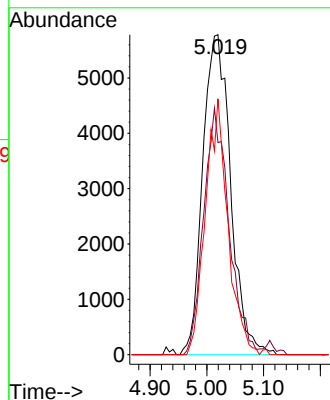
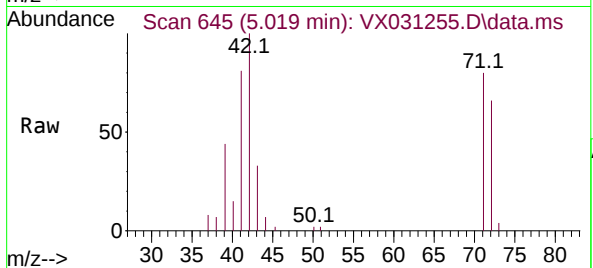
Tgt Ion: 42 Resp: 19730

Ion Ratio Lower Upper

42 100

72 70.4 36.5 54.7#

71 64.3 33.9 50.9#



#30

Chloroform

Concen: 20.815 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX031255.D

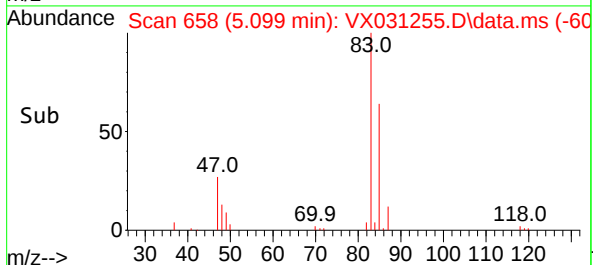
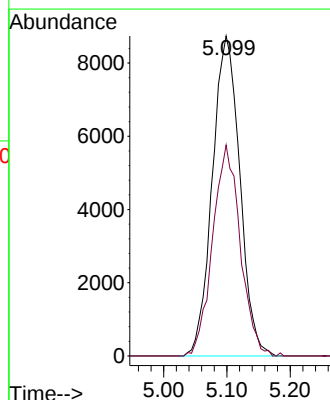
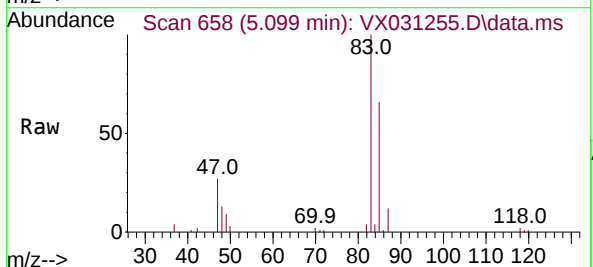
Acq: 09 Sep 2022 14:33

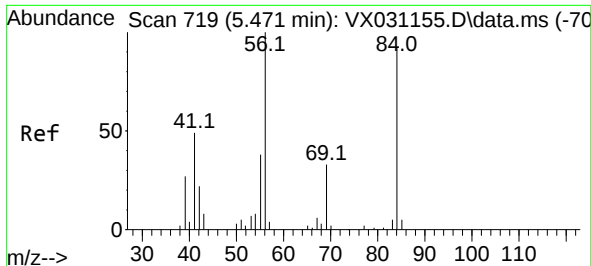
Tgt Ion: 83 Resp: 26387

Ion Ratio Lower Upper

83 100

85 65.9 51.5 77.3

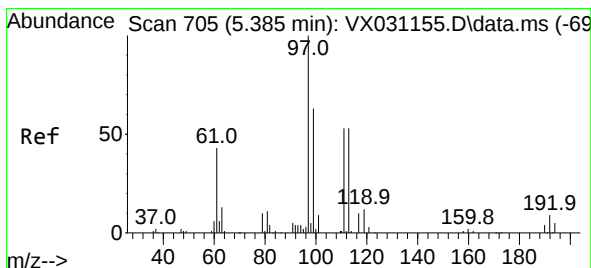
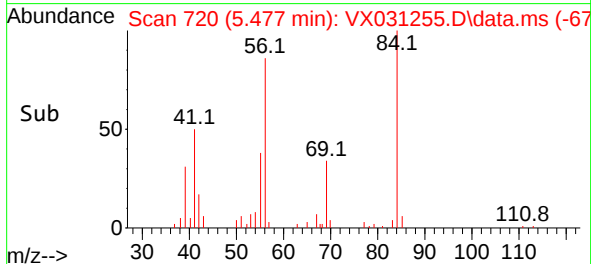
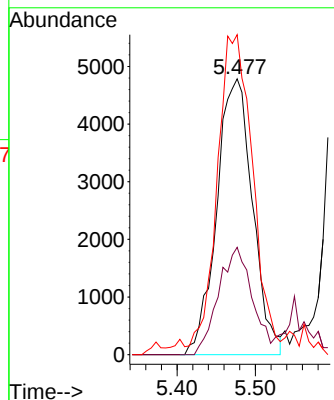
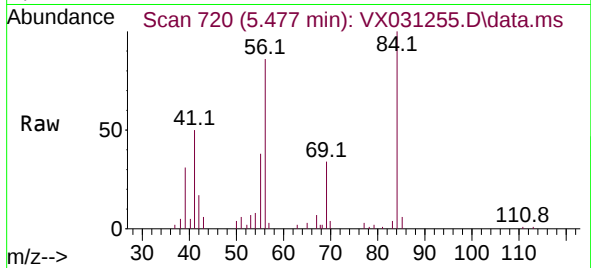




#31  
Cyclohexane  
Concen: 16.963 ug/l  
RT: 5.477 min Scan# 719  
Delta R.T. 0.006 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

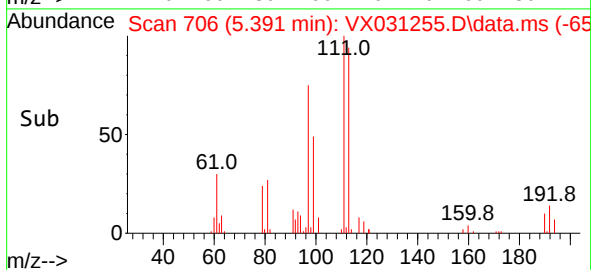
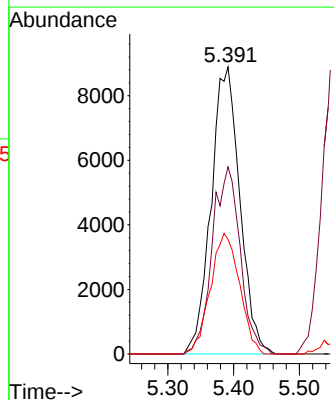
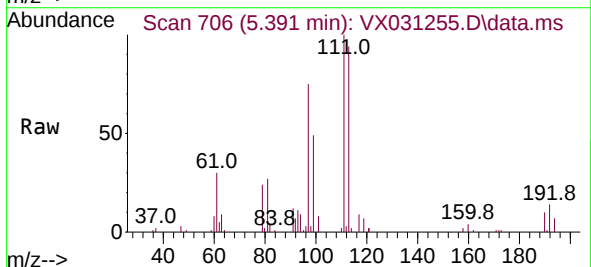
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS02

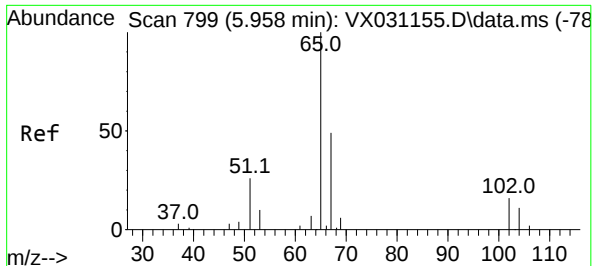
Tgt Ion: 56 Resp: 15225  
Ion Ratio Lower Upper  
56 100  
69 38.9 25.4 38.0#  
84 111.3 68.9 103.3#



#32  
1,1,1-Trichloroethane  
Concen: 23.691 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

Tgt Ion: 97 Resp: 27069  
Ion Ratio Lower Upper  
97 100  
99 63.3 51.4 77.0  
61 42.7 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 63.464 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031255.D

Acq: 09 Sep 2022 14:33

Instrument :

MSVOA\_X

ClientSampleId :

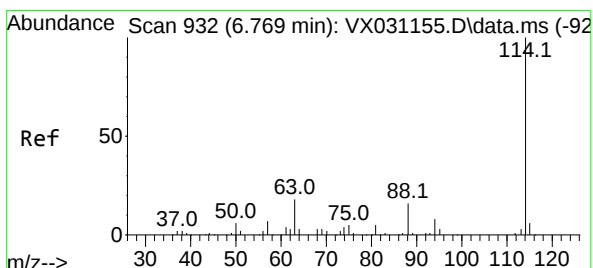
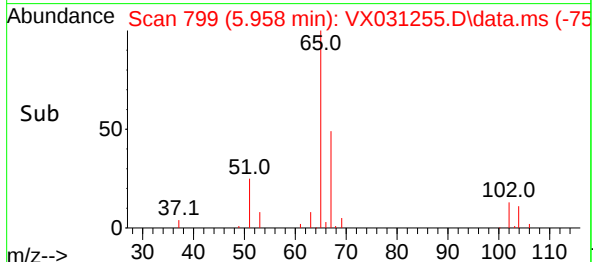
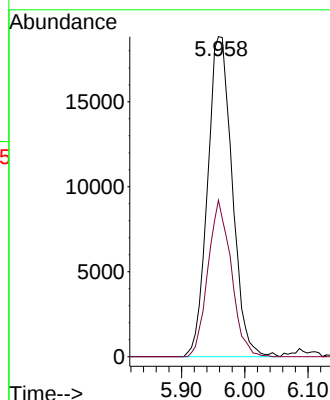
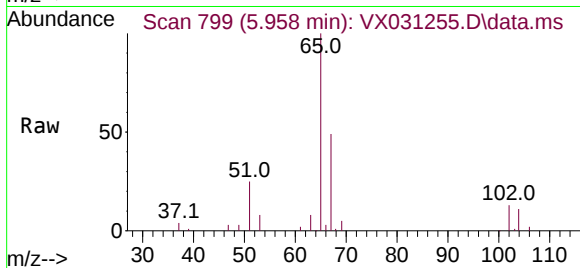
VX0909WBS02

Tgt Ion: 65 Resp: 50974

Ion Ratio Lower Upper

65 100

67 46.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031255.D

Acq: 09 Sep 2022 14:33

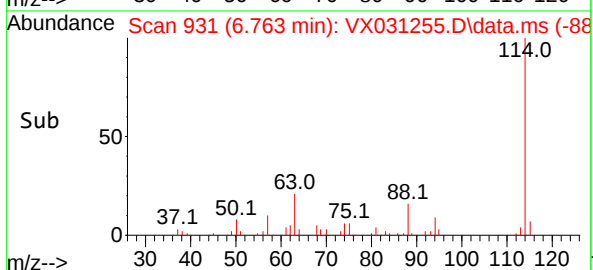
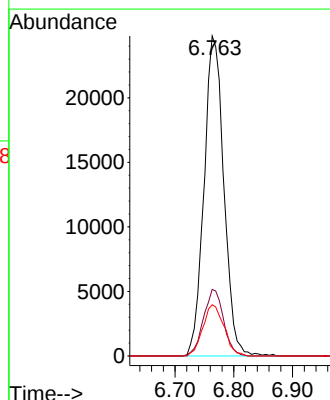
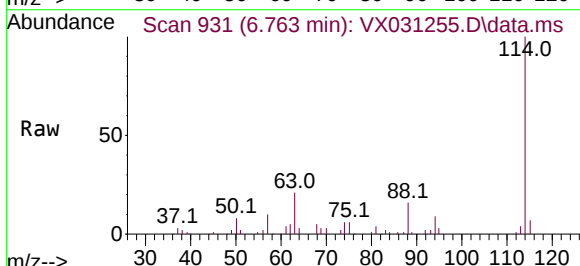
Tgt Ion: 114 Resp: 58052

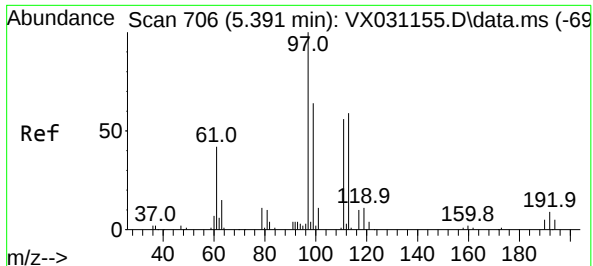
Ion Ratio Lower Upper

114 100

63 20.8 0.0 38.4

88 16.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 53.376 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX031255.D

Acq: 09 Sep 2022 14:33

Instrument :

MSVOA\_X

ClientSampleId :

VX0909WBS02

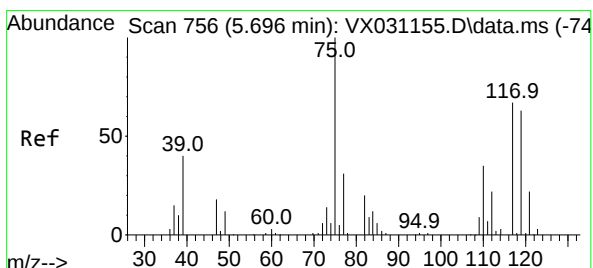
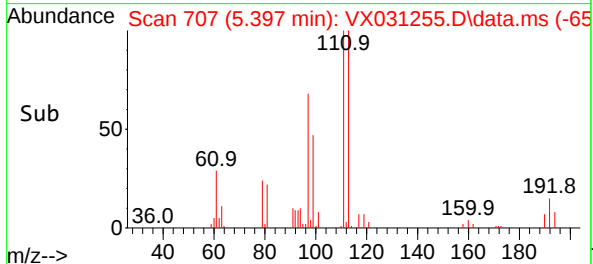
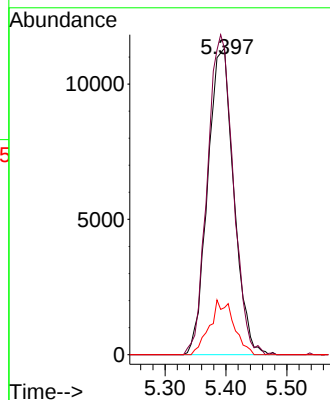
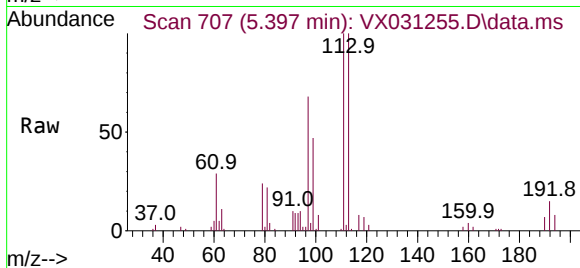
Tgt Ion:113 Resp: 33766

Ion Ratio Lower Upper

113 100

111 103.2 83.2 124.8

192 16.4 14.8 22.2



#36

1,1-Dichloropropene

Concen: 18.475 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX031255.D

Acq: 09 Sep 2022 14:33

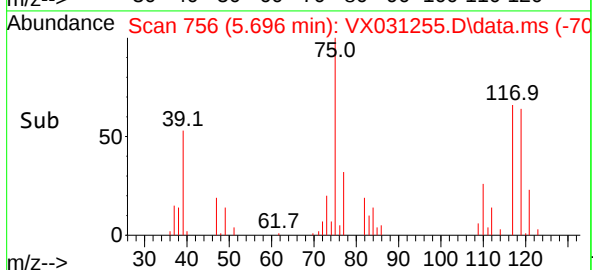
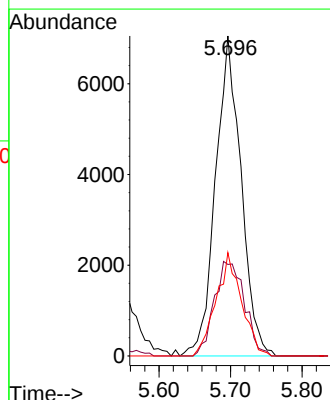
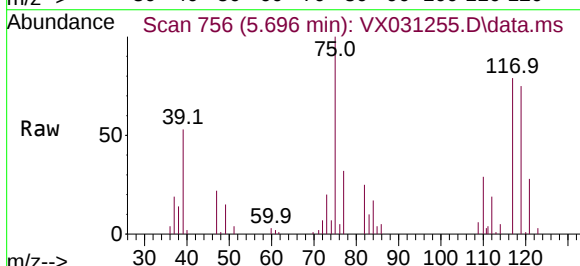
Tgt Ion: 75 Resp: 17503

Ion Ratio Lower Upper

75 100

110 34.7 19.3 57.9

77 32.2 24.4 36.6





#37

Ethyl Acetate

Concen: 16.698 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX031255.D

Acq: 09 Sep 2022 14:33

Instrument :

MSVOA\_X

ClientSampleId :

VX0909WBS02

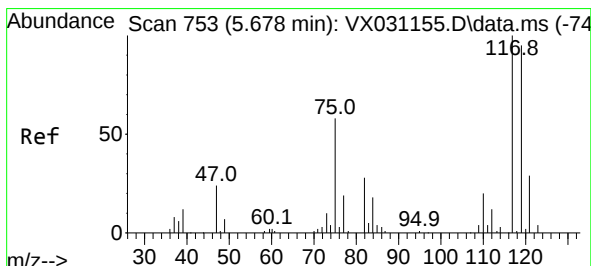
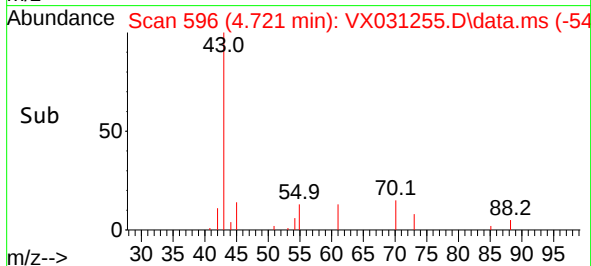
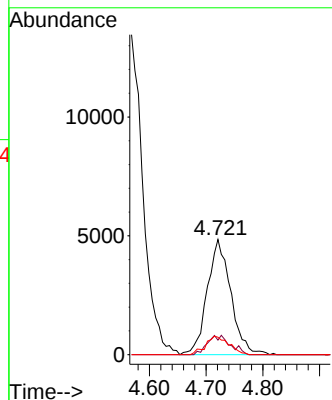
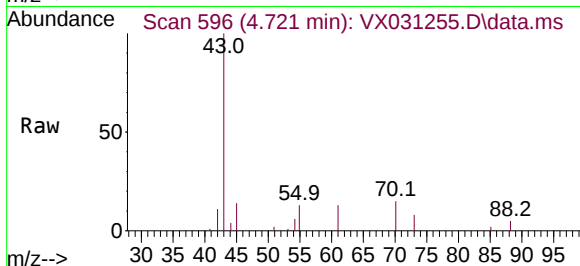
Tgt Ion: 43 Resp: 14034

Ion Ratio Lower Upper

43 100

61 16.2 11.7 17.5

70 15.8 9.3 13.9#



#38

Carbon Tetrachloride

Concen: 23.231 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX031255.D

Acq: 09 Sep 2022 14:33

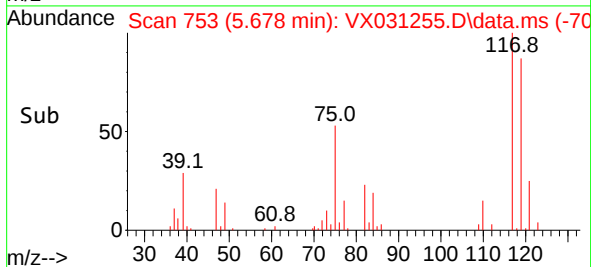
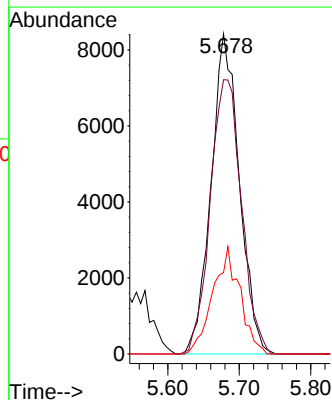
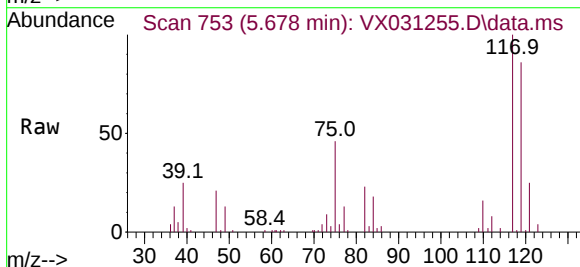
Tgt Ion: 117 Resp: 23156

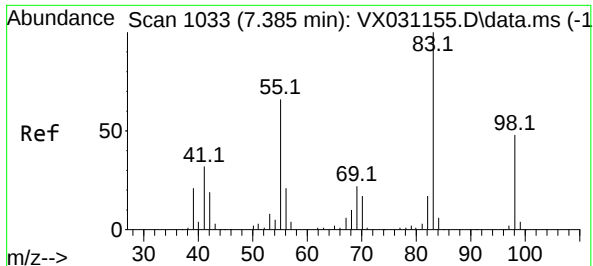
Ion Ratio Lower Upper

117 100

119 85.7 74.1 111.1

121 25.4 25.8 38.8#





#39

Methylcyclohexane

Concen: 17.560 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX031255.D

Acq: 09 Sep 2022 14:33

Instrument :

MSVOA\_X

ClientSampleId :

VX0909WBS02

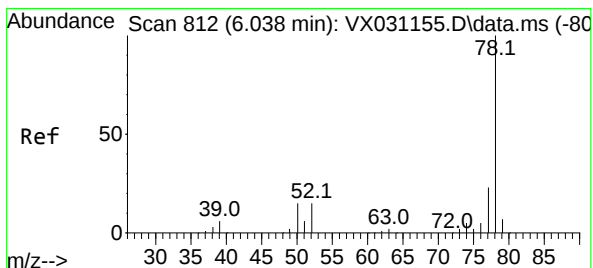
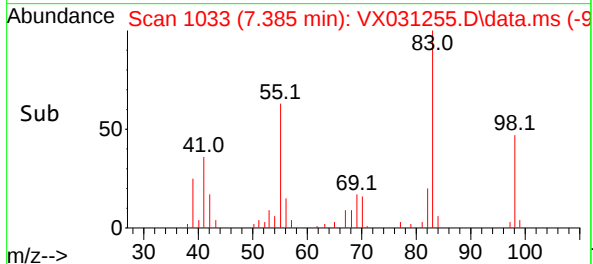
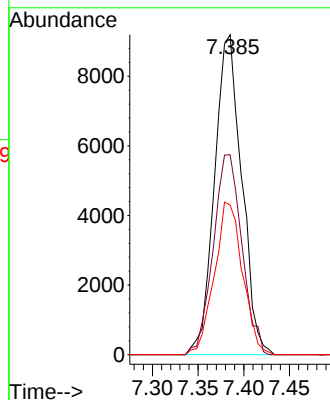
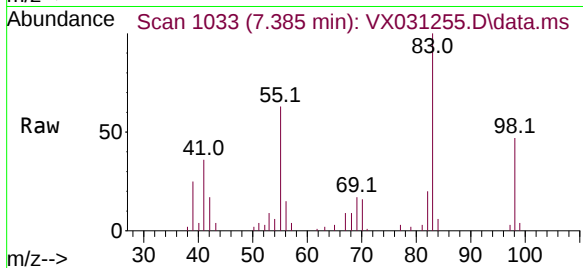
Tgt Ion: 83 Resp: 19000

Ion Ratio Lower Upper

83 100

55 62.5 57.7 86.5

98 46.8 36.5 54.7



#40

Benzene

Concen: 17.518 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX031255.D

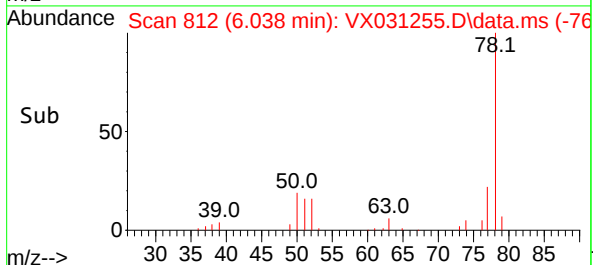
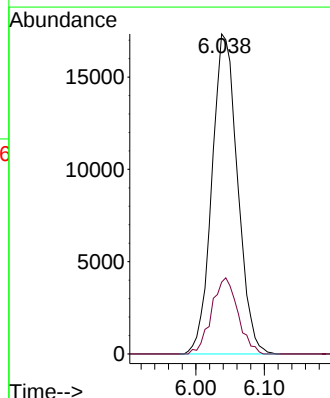
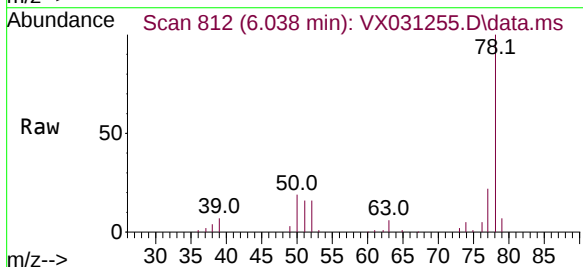
Acq: 09 Sep 2022 14:33

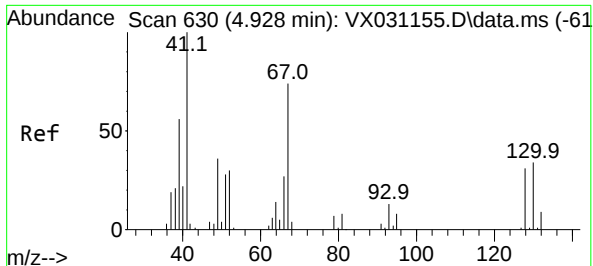
Tgt Ion: 78 Resp: 45084

Ion Ratio Lower Upper

78 100

77 22.5 18.0 27.0

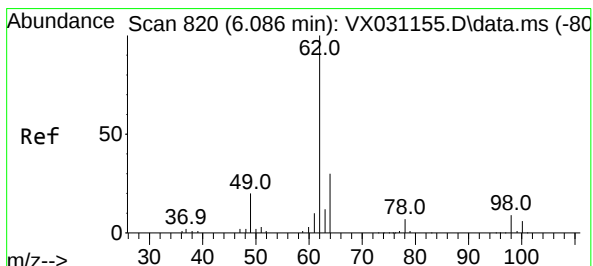
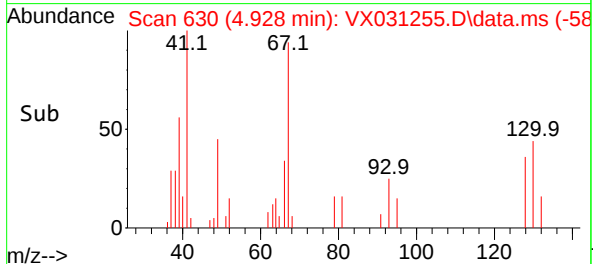
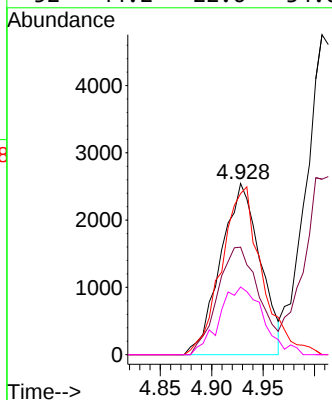
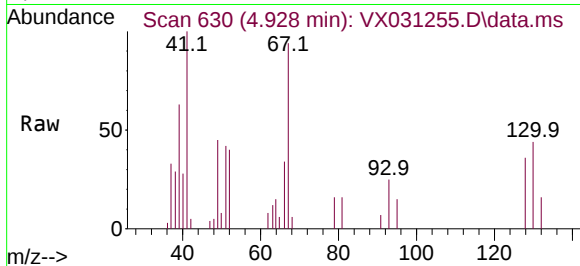




#41  
Methacrylonitrile  
Concen: 15.482 ug/l  
RT: 4.928 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

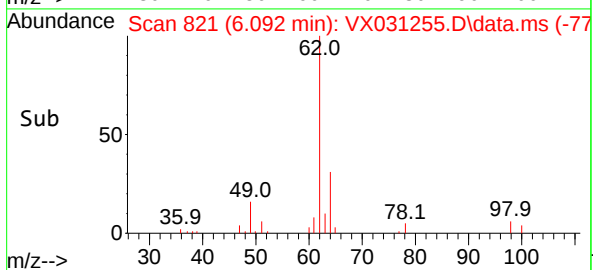
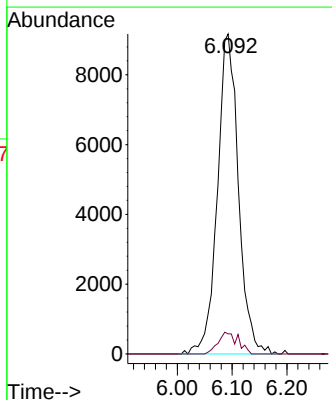
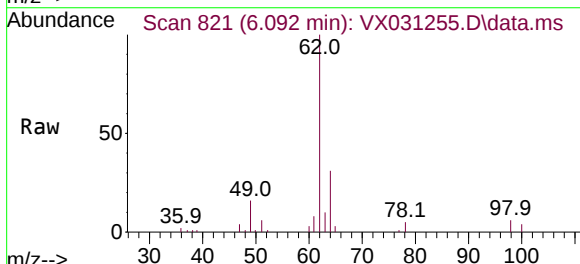
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 6804  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 66.0  | 42.9  | 64.3# |
| 67       | 100.1 | 60.1  | 90.1# |
| 52       | 44.2  | 22.6  | 34.0# |



#42  
1,2-Dichloroethane  
Concen: 23.207 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. 0.006 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 24453 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 6.5   | 0.0   | 20.2  |





#43

Isopropyl Acetate

Concen: 17.591 ug/l

RT: 6.349 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX031255.D

Acq: 09 Sep 2022 14:33

Instrument :

MSVOA\_X

ClientSampleId :

VX0909WBS02

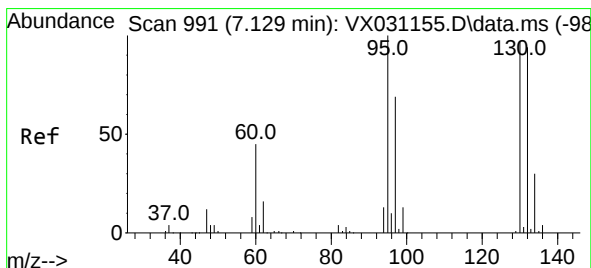
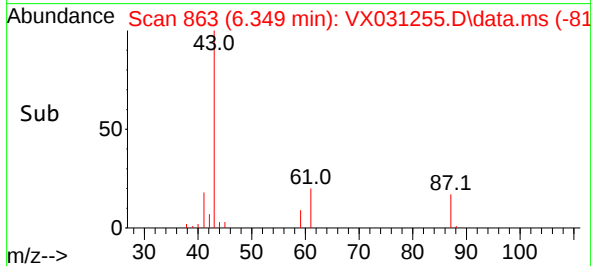
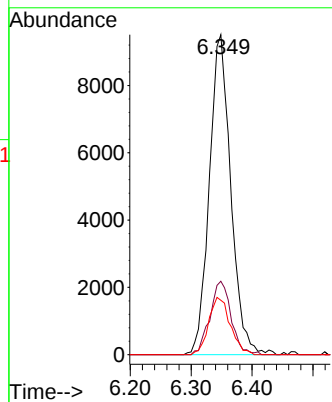
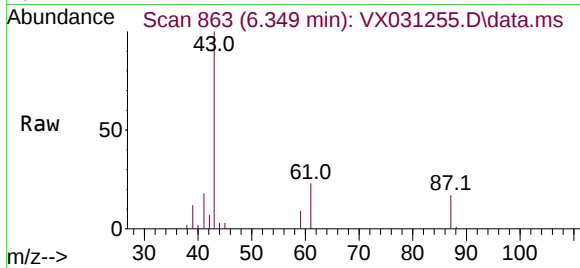
Tgt Ion: 43 Resp: 23310

Ion Ratio Lower Upper

43 100

61 22.6 16.5 24.7

87 18.0 11.1 16.7#



#44

Trichloroethene

Concen: 19.257 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX031255.D

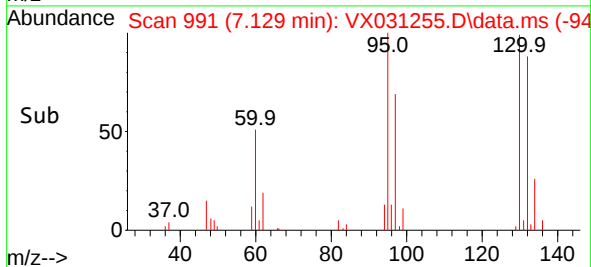
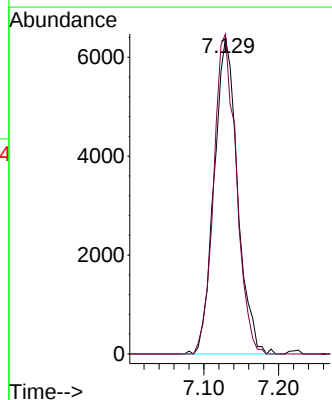
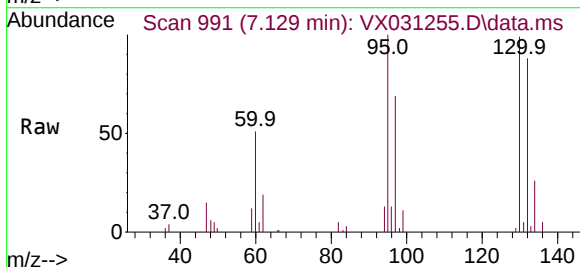
Acq: 09 Sep 2022 14:33

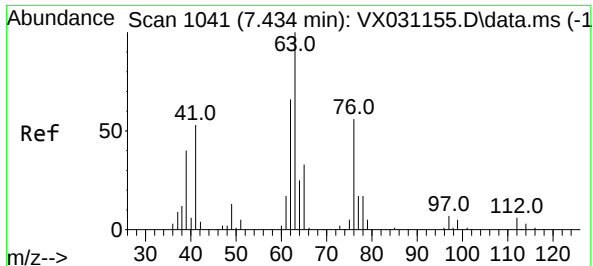
Tgt Ion: 130 Resp: 13931

Ion Ratio Lower Upper

130 100

95 101.3 0.0 194.8





#45

1,2-Dichloropropane

Concen: 15.552 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX031255.D

Acq: 09 Sep 2022 14:33

Instrument :

MSVOA\_X

ClientSampleId :

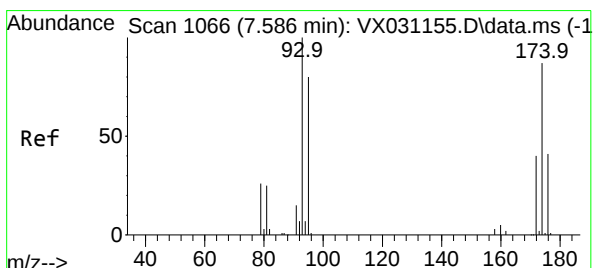
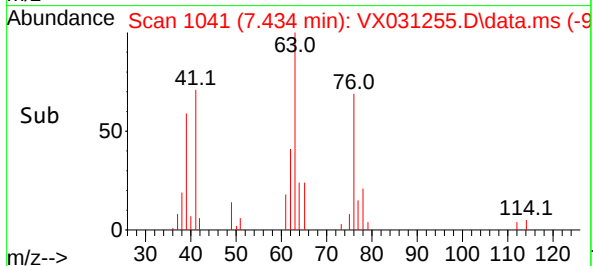
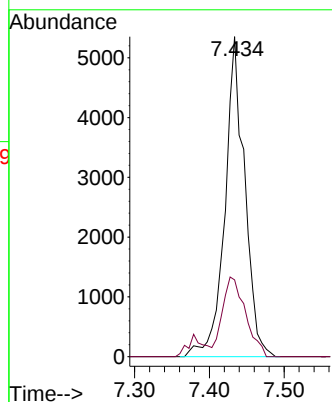
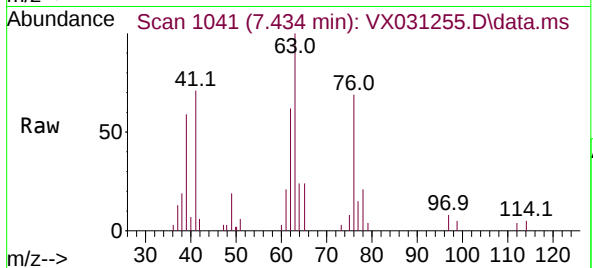
VX0909WBS02

Tgt Ion: 63 Resp: 9836

Ion Ratio Lower Upper

63 100

65 24.0 25.2 37.8#



#46

Dibromomethane

Concen: 19.102 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. 0.006 min

Lab File: VX031255.D

Acq: 09 Sep 2022 14:33

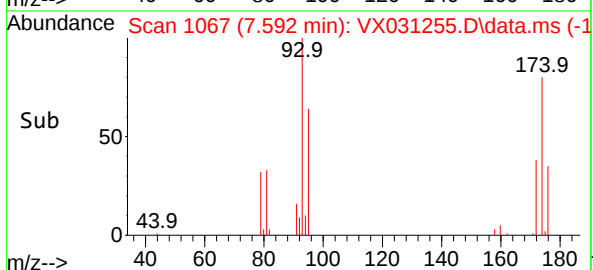
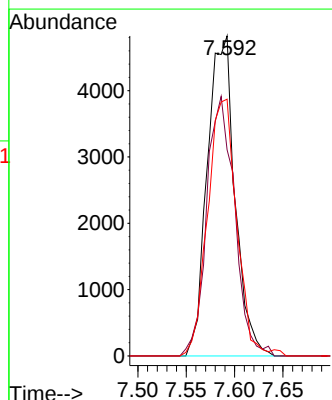
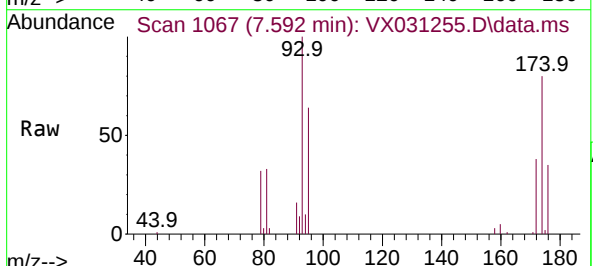
Tgt Ion: 93 Resp: 9580

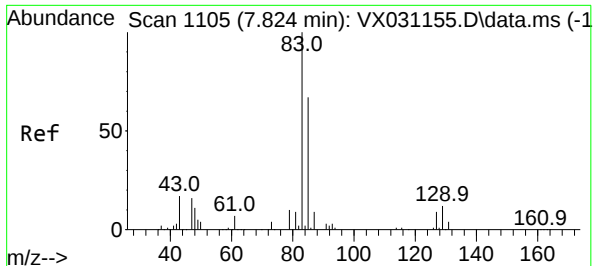
Ion Ratio Lower Upper

93 100

95 82.0 67.4 101.0

174 84.6 75.6 113.4





#47

Bromodichloromethane

Concen: 22.072 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX031255.D

Acq: 09 Sep 2022 14:33

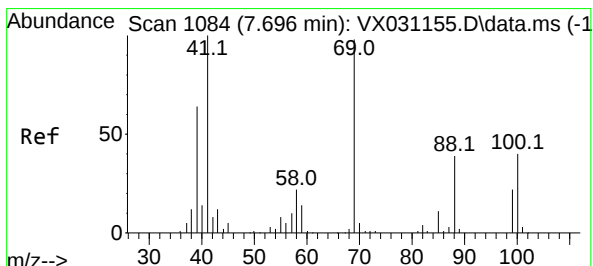
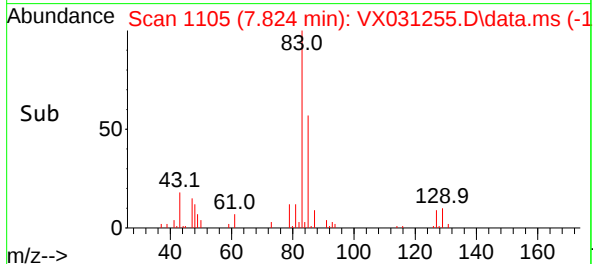
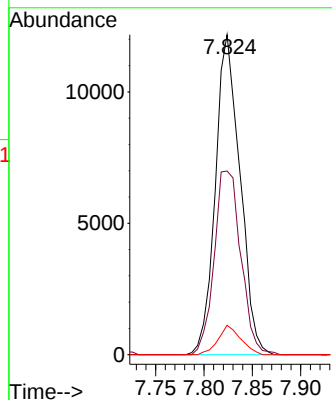
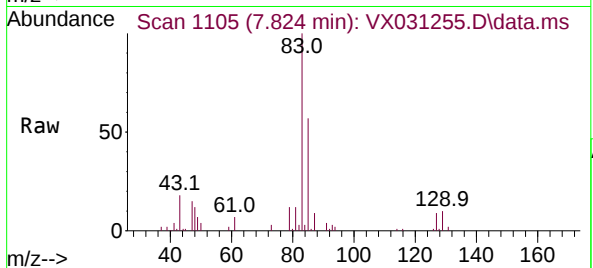
Instrument :

MSVOA\_X

ClientSampleId :

VX0909WBS02

|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 21533    |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 85          | 57.4 53.5 80.3 |
| 127         | 9.2 6.6 10.0   |



#48

Methyl methacrylate

Concen: 18.058 ug/l

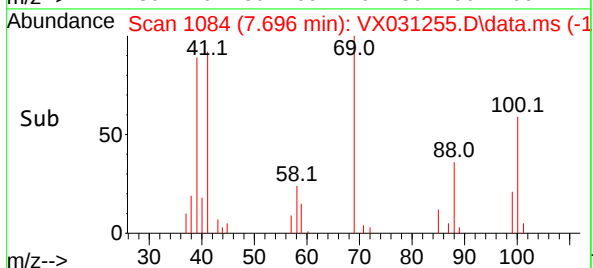
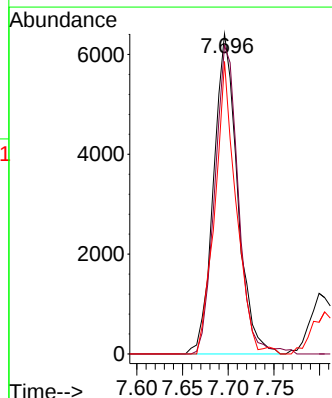
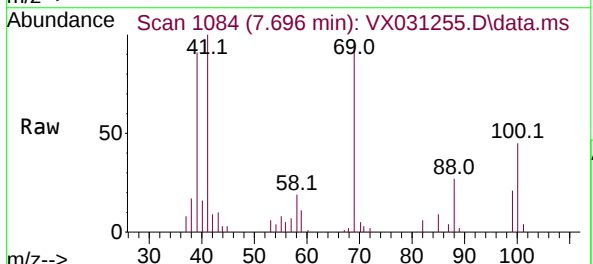
RT: 7.696 min Scan# 1084

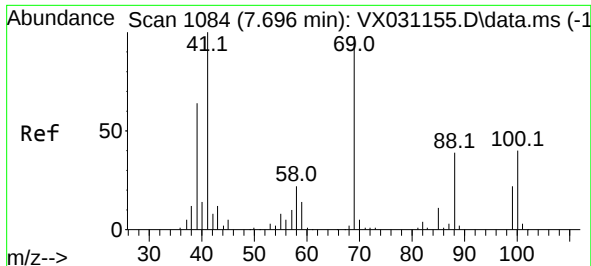
Delta R.T. 0.000 min

Lab File: VX031255.D

Acq: 09 Sep 2022 14:33

|             |                 |
|-------------|-----------------|
| Tgt Ion: 41 | Resp: 11652     |
| Ion Ratio   | Lower Upper     |
| 41          | 100             |
| 69          | 95.2 68.8 103.2 |
| 39          | 81.5 44.6 66.8  |





#49

1,4-Dioxane

Concen: 375.678 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. -0.012 min

Lab File: VX031255.D

Acq: 09 Sep 2022 14:33

Instrument :

MSVOA\_X

ClientSampleId :

VX0909WBS02

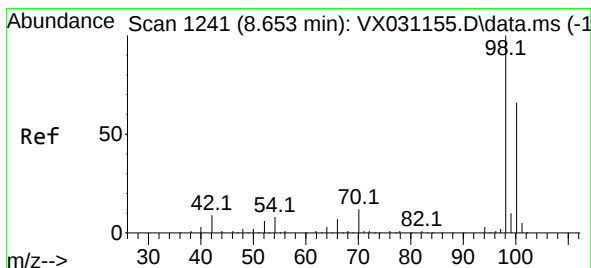
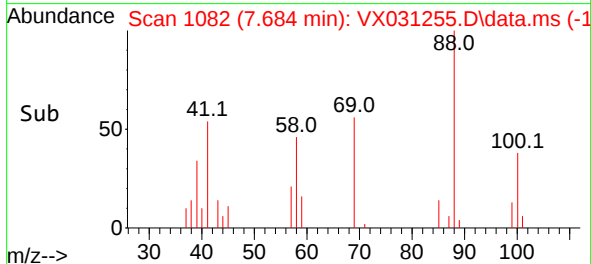
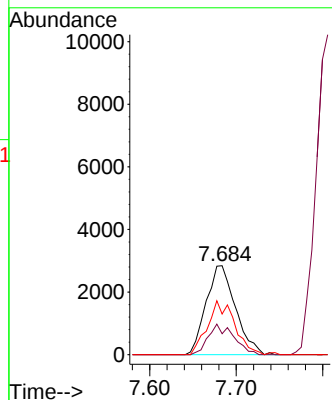
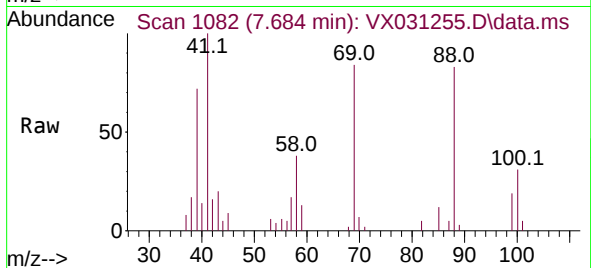
Tgt Ion: 88 Resp: 6692

Ion Ratio Lower Upper

88 100

43 29.9 23.8 35.8

58 56.0 53.8 80.6



#50

Toluene-d8

Concen: 49.209 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX031255.D

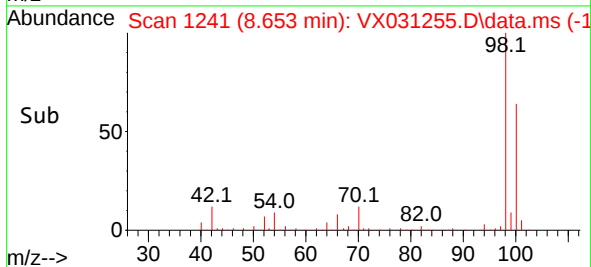
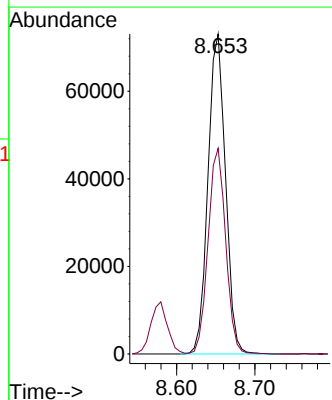
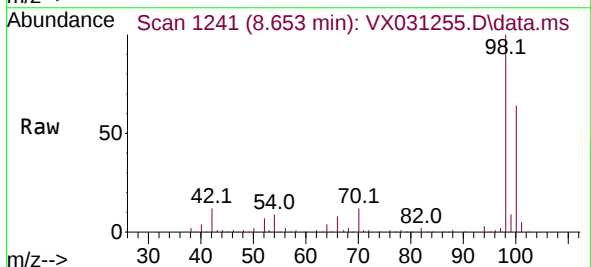
Acq: 09 Sep 2022 14:33

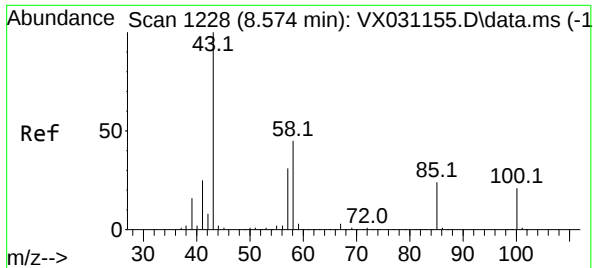
Tgt Ion: 98 Resp: 113103

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5

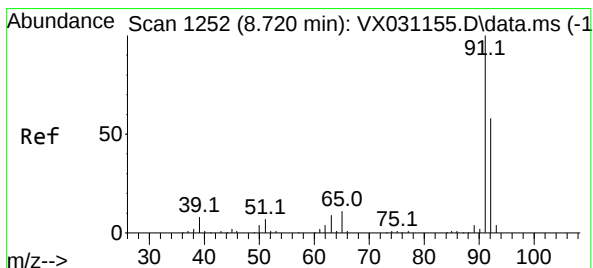
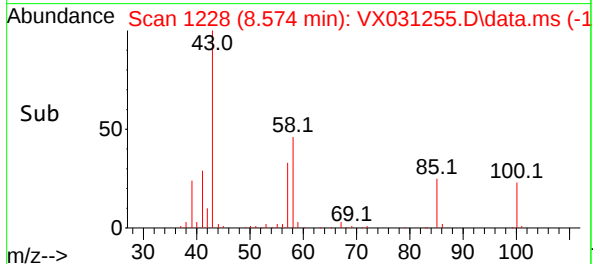
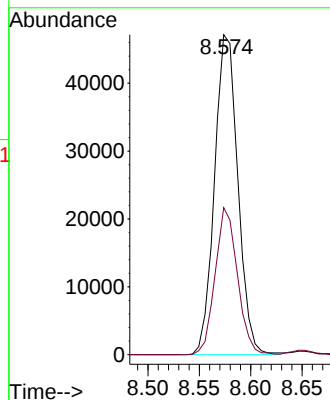
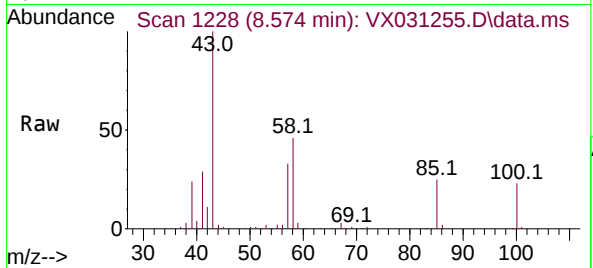




#51  
4-Methyl-2-Pentanone  
Concen: 91.770 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

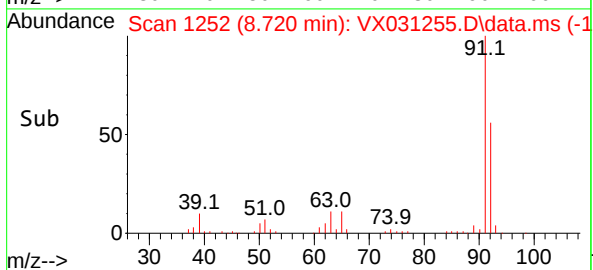
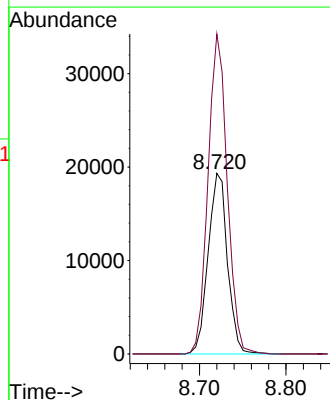
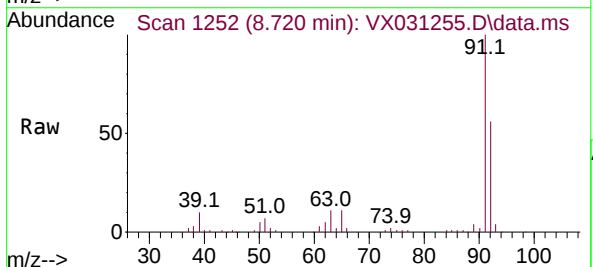
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS02

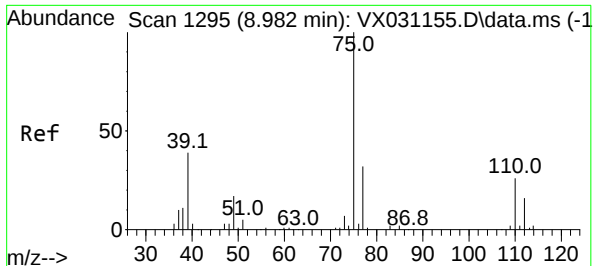
Tgt Ion: 43 Resp: 74464  
Ion Ratio Lower Upper  
43 100  
58 44.0 31.4 47.2



#52  
Toluene  
Concen: 17.650 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

Tgt Ion: 92 Resp: 29960  
Ion Ratio Lower Upper  
92 100  
91 175.8 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 20.111 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031255.D

Acq: 09 Sep 2022 14:33

Instrument :

MSVOA\_X

ClientSampleId :

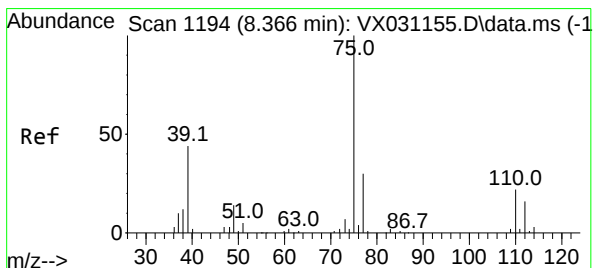
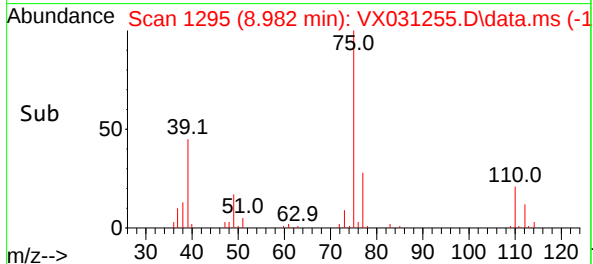
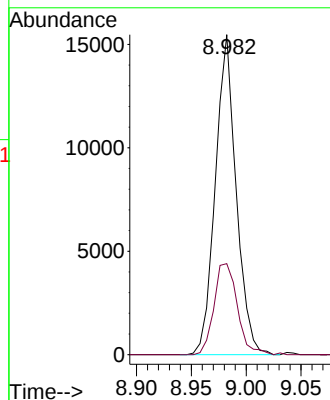
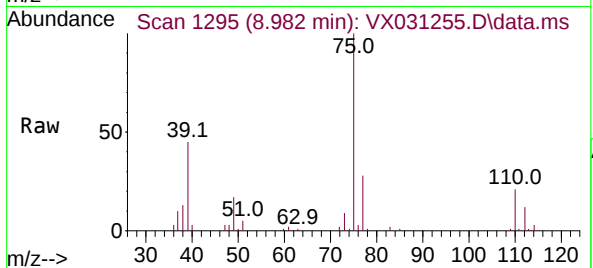
VX0909WBS02

Tgt Ion: 75 Resp: 20439

Ion Ratio Lower Upper

75 100

77 28.5 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 19.127 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031255.D

Acq: 09 Sep 2022 14:33

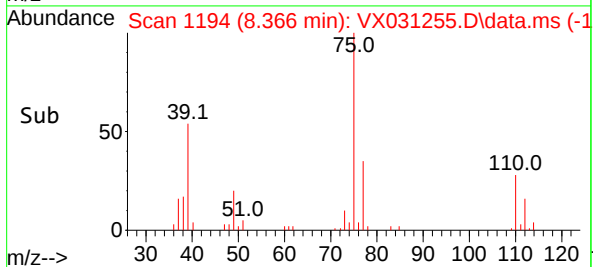
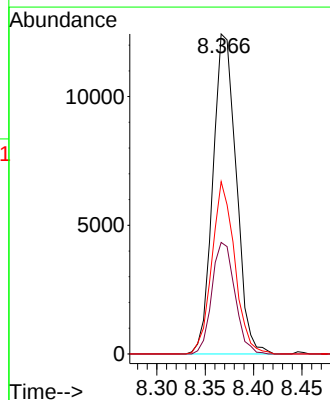
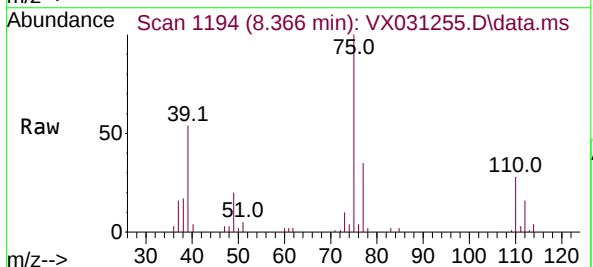
Tgt Ion: 75 Resp: 20870

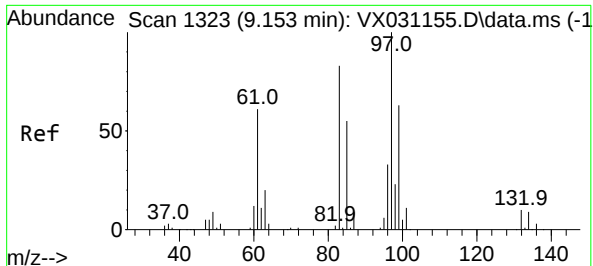
Ion Ratio Lower Upper

75 100

77 34.9 25.0 37.4

39 53.9 37.5 56.3

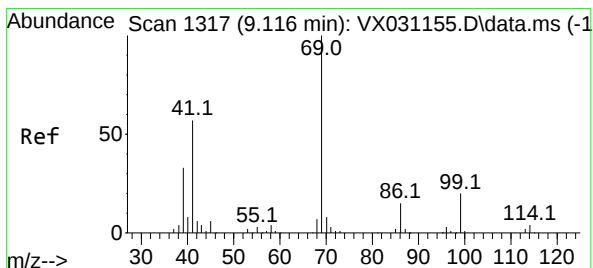
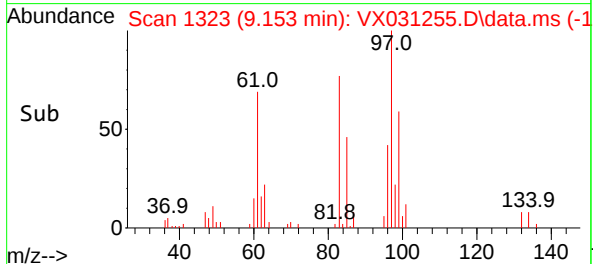
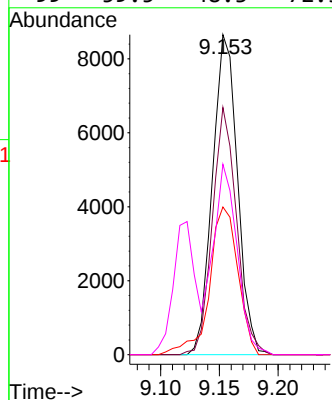
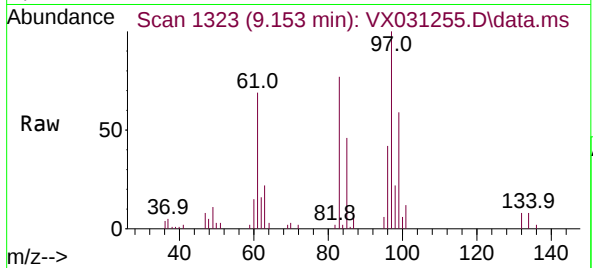




#55  
1,1,2-Trichloroethane  
Concen: 18.354 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

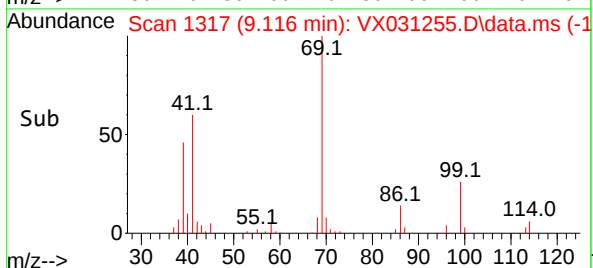
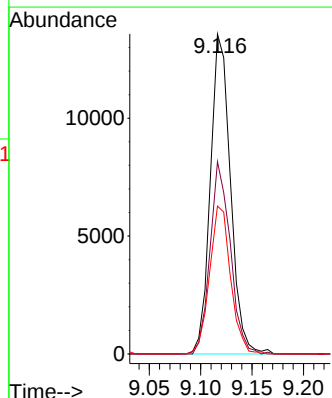
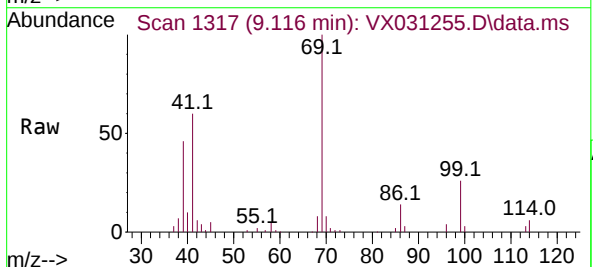
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS02

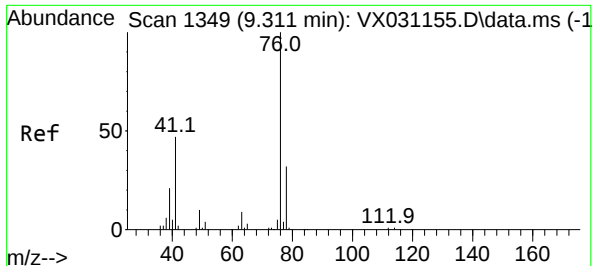
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 12809 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 77.2     | 68.9 103.3  |
| 85 46.1     | 44.0 66.0   |
| 99 59.5     | 48.3 72.5   |



#56  
Ethyl methacrylate  
Concen: 17.990 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 18497 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 60.3     | 52.3 78.5   |
| 39 48.4     | 28.2 42.4#  |





#57

1,3-Dichloropropane

Concen: 16.789 ug/l

RT: 9.311 min Scan# 111

Delta R.T. 0.000 min

Lab File: VX031255.D

Acq: 09 Sep 2022 14:33

Instrument :

MSVOA\_X

ClientSampleId :

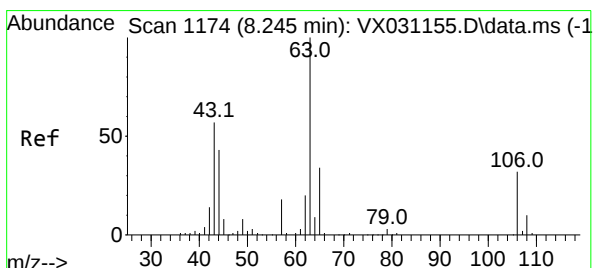
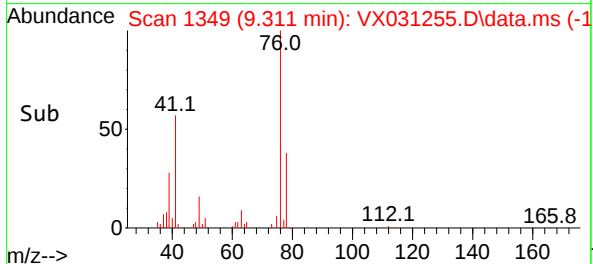
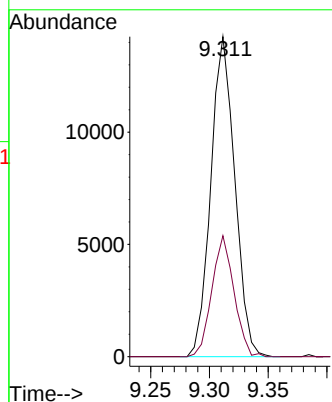
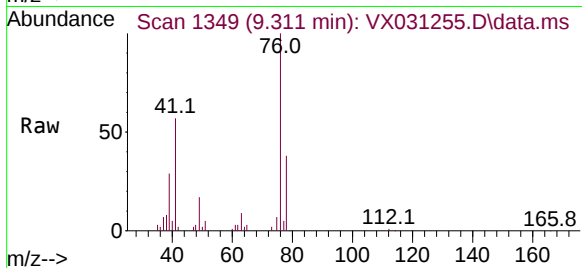
VX0909WBS02

Tgt Ion: 76 Resp: 20245

Ion Ratio Lower Upper

76 100

78 34.7 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 85.583 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX031255.D

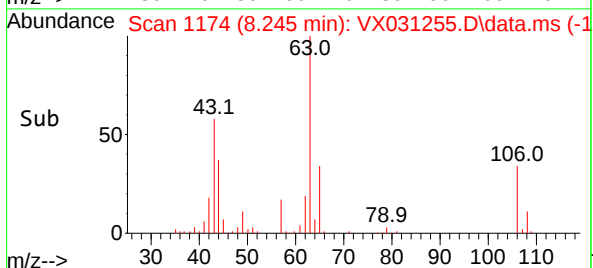
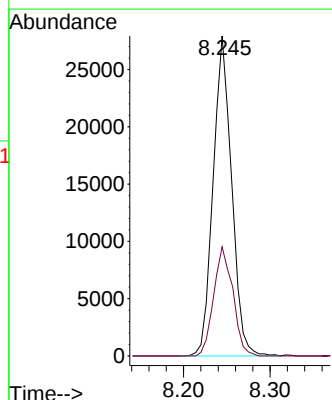
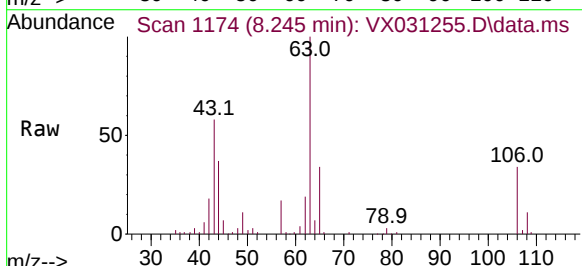
Acq: 09 Sep 2022 14:33

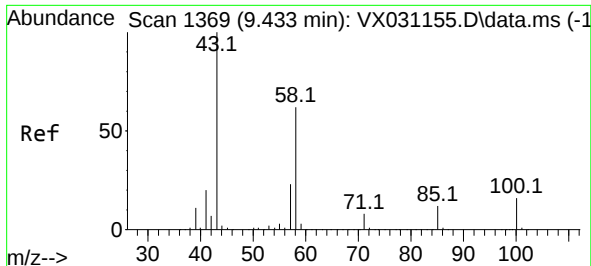
Tgt Ion: 63 Resp: 41472

Ion Ratio Lower Upper

63 100

106 35.3 22.2 33.2#





#59

2-Hexanone

Concen: 94.140 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX031255.D

Acq: 09 Sep 2022 14:33

Instrument :

MSVOA\_X

ClientSampleId :

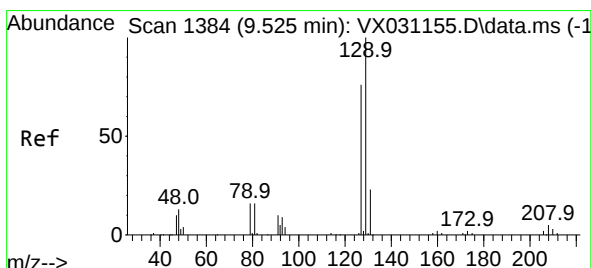
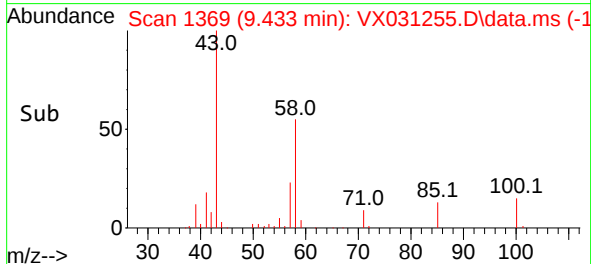
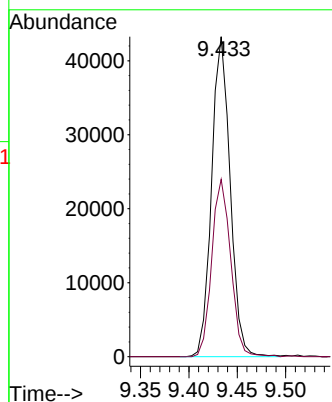
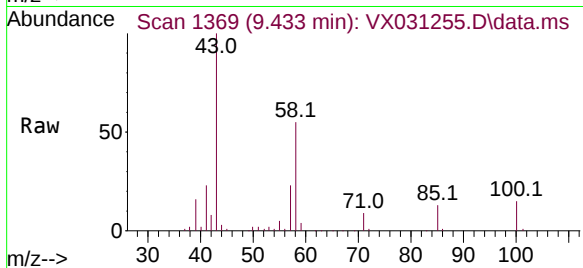
VX0909WBS02

Tgt Ion: 43 Resp: 57766

Ion Ratio Lower Upper

43 100

58 56.5 27.6 82.8



#60

Dibromochloromethane

Concen: 20.004 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX031255.D

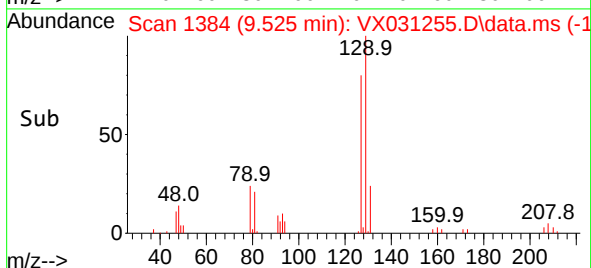
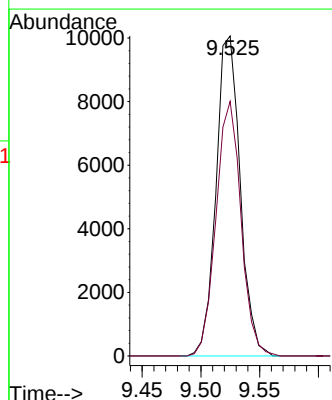
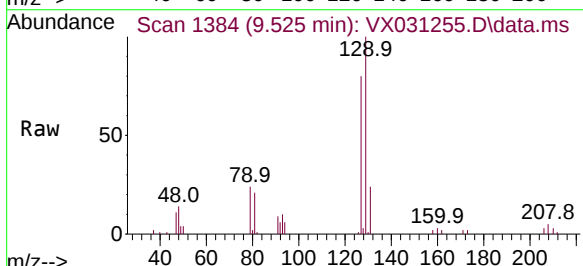
Acq: 09 Sep 2022 14:33

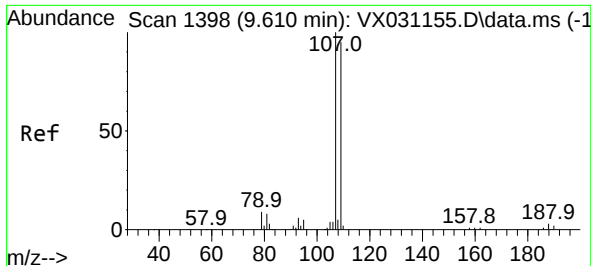
Tgt Ion: 129 Resp: 14393

Ion Ratio Lower Upper

129 100

127 82.1 38.5 115.5

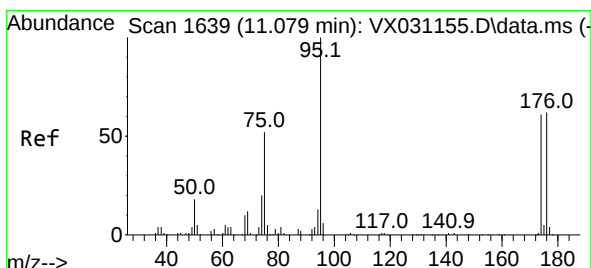
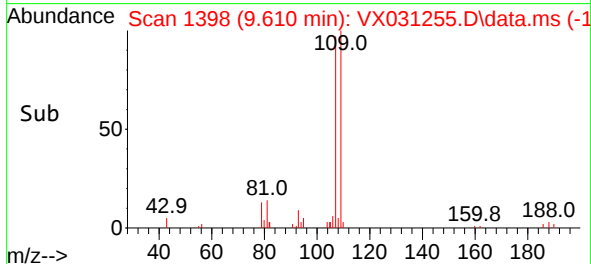
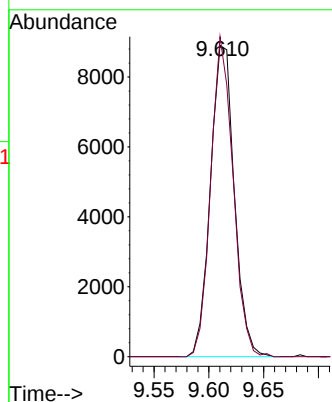
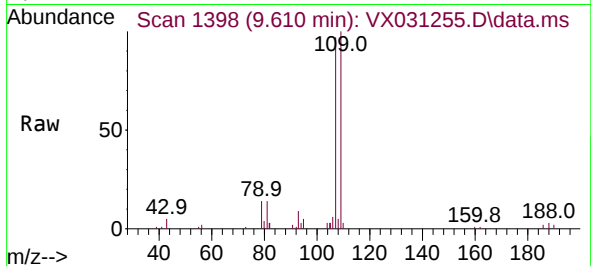




#61  
1,2-Dibromoethane  
Concen: 17.398 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

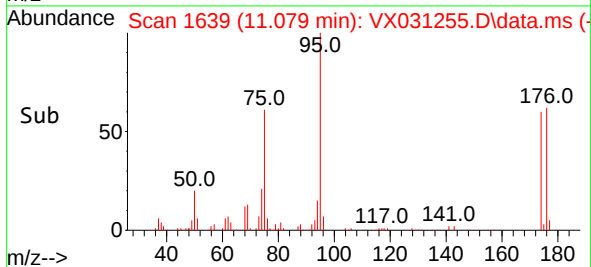
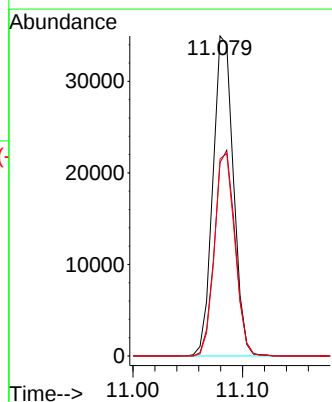
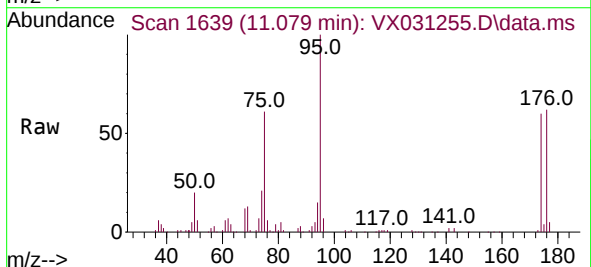
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS02

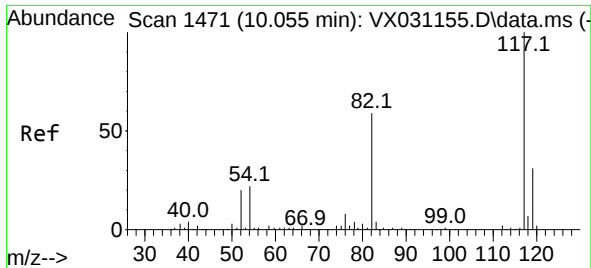
Tgt Ion:107 Resp: 13493  
Ion Ratio Lower Upper  
107 100  
109 95.9 76.6 114.8



#62  
4-Bromofluorobenzene  
Concen: 53.957 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

Tgt Ion: 95 Resp: 45448  
Ion Ratio Lower Upper  
95 100  
174 64.8 0.0 149.0  
176 63.2 0.0 146.0

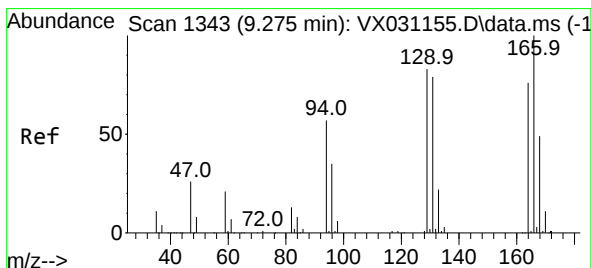
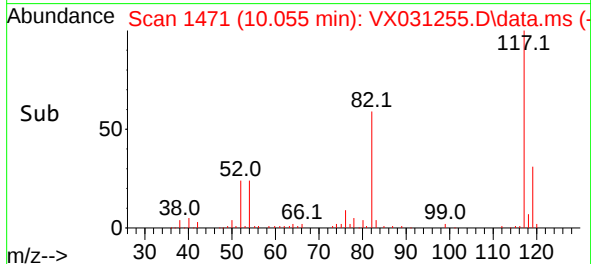
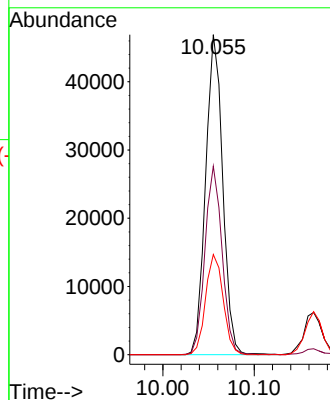
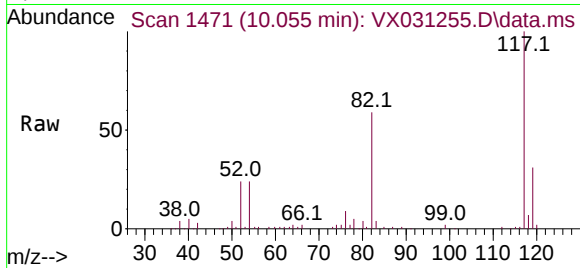




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

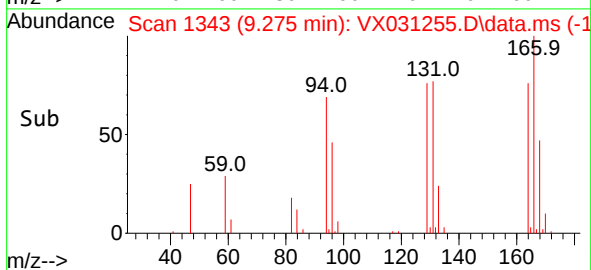
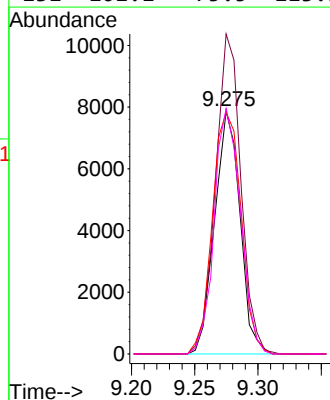
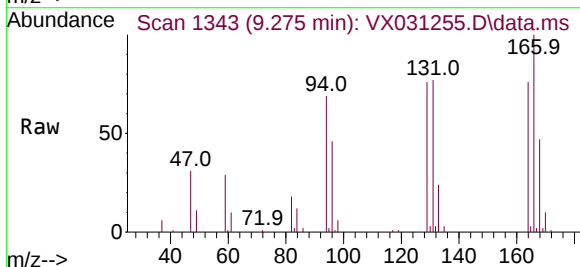
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS02

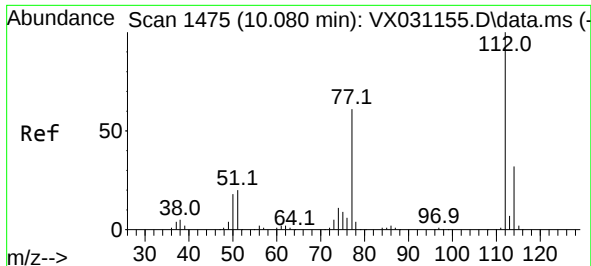
Tgt Ion:117 Resp: 60867  
Ion Ratio Lower Upper  
117 100  
82 58.9 42.7 64.1  
119 31.3 25.4 38.2



#64  
Tetrachloroethene  
Concen: 17.276 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

Tgt Ion:164 Resp: 10947  
Ion Ratio Lower Upper  
164 100  
166 131.8 98.2 147.4  
129 99.6 80.8 121.2  
131 101.1 75.5 113.3

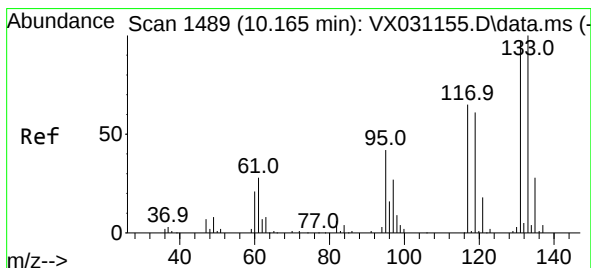
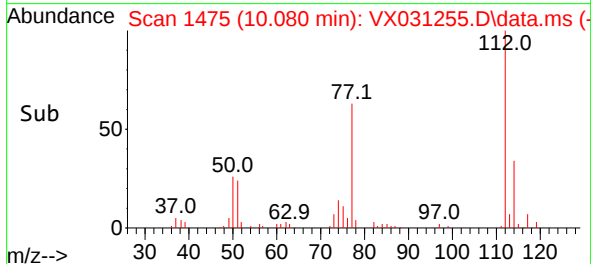
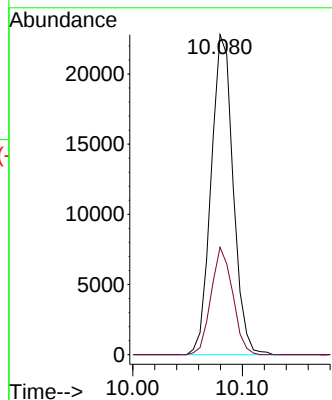
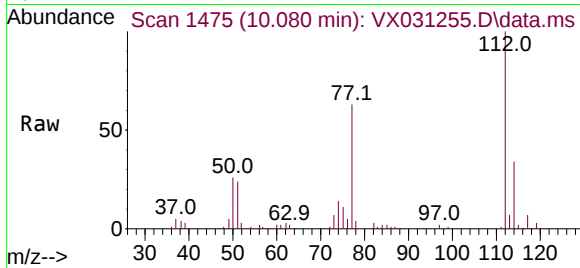




#65  
Chlorobenzene  
Concen: 17.766 ug/l  
RT: 10.080 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

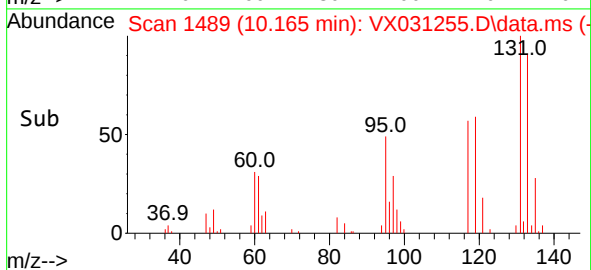
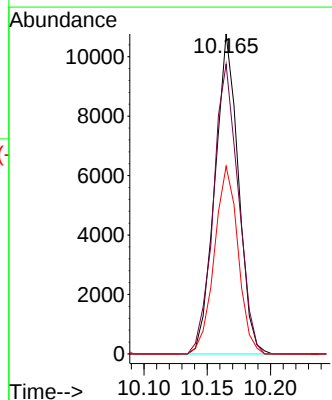
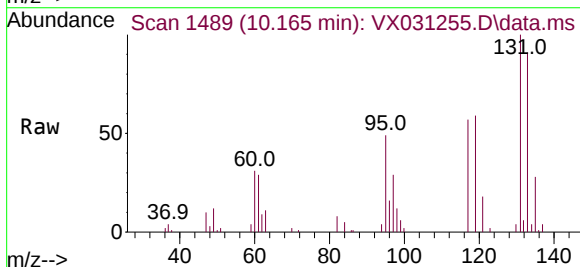
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS02

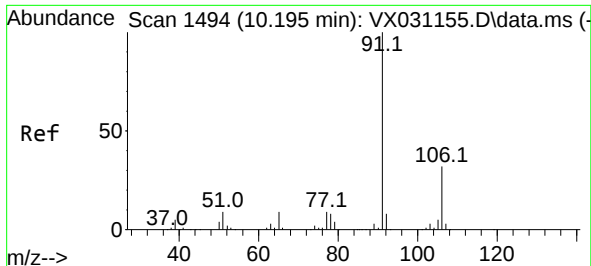
Tgt Ion:112 Resp: 31839  
Ion Ratio Lower Upper  
112 100  
114 33.6 24.6 36.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.840 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

Tgt Ion:131 Resp: 13888  
Ion Ratio Lower Upper  
131 100  
133 96.0 46.9 140.8  
119 59.0 34.4 103.1





#67

Ethyl Benzene

Concen: 19.329 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX031255.D

Acq: 09 Sep 2022 14:33

Instrument :

MSVOA\_X

ClientSampleId :

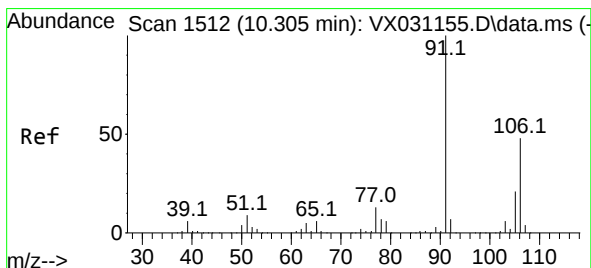
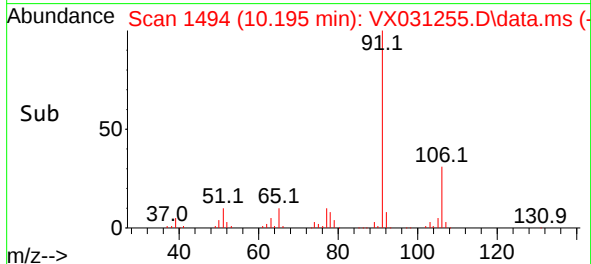
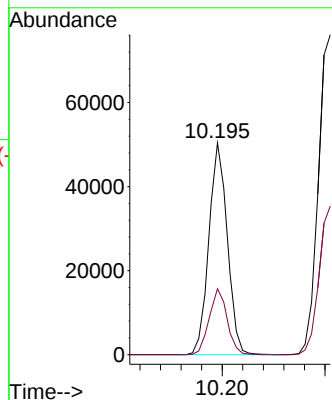
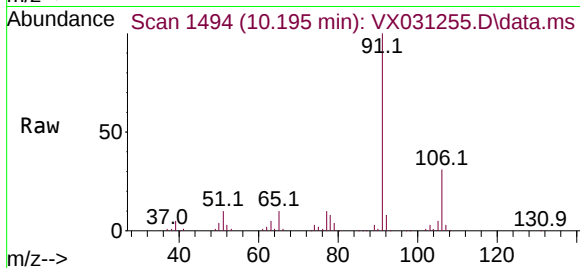
VX0909WBS02

Tgt Ion: 91 Resp: 62774

Ion Ratio Lower Upper

91 100

106 31.1 25.5 38.3



#68

m/p-Xylenes

Concen: 37.794 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX031255.D

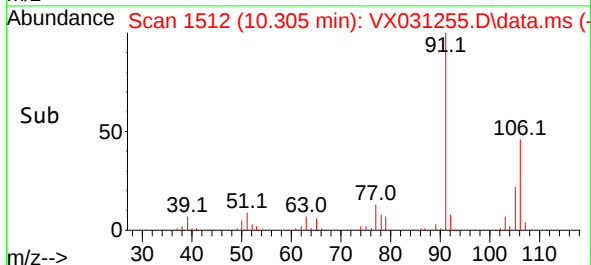
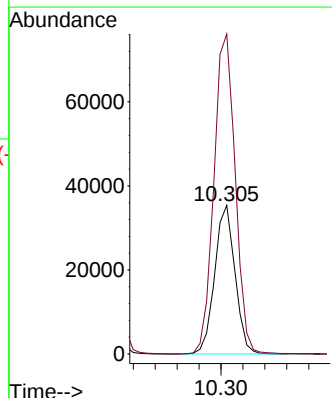
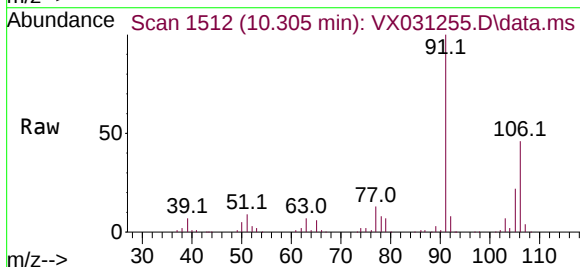
Acq: 09 Sep 2022 14:33

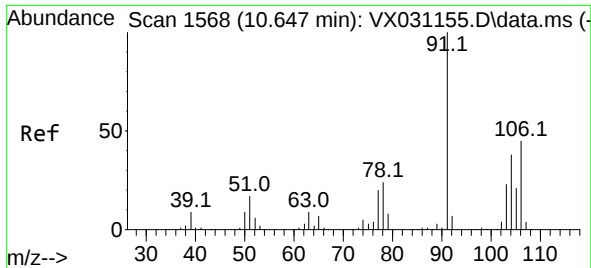
Tgt Ion: 106 Resp: 45499

Ion Ratio Lower Upper

106 100

91 226.5 158.2 237.4

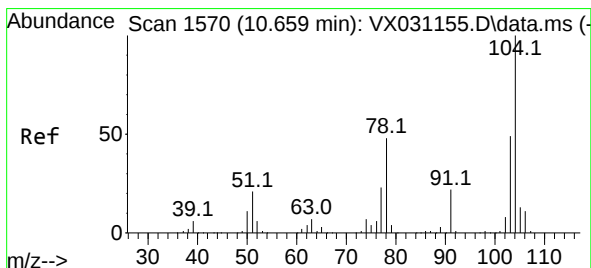
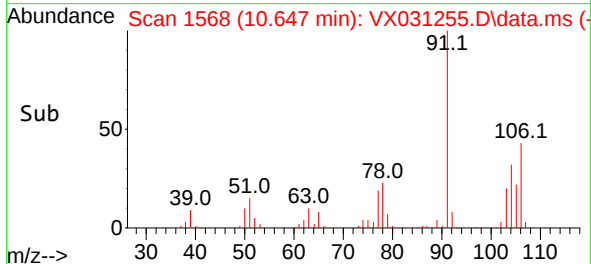
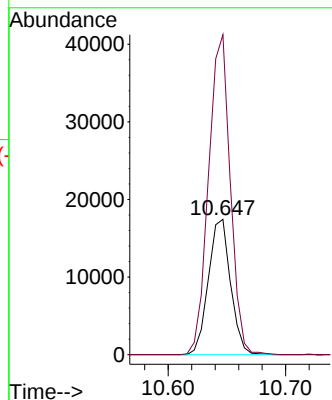
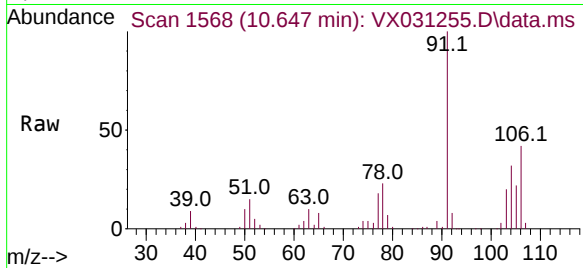




#69  
o-Xylene  
Concen: 19.074 ug/l  
RT: 10.647 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

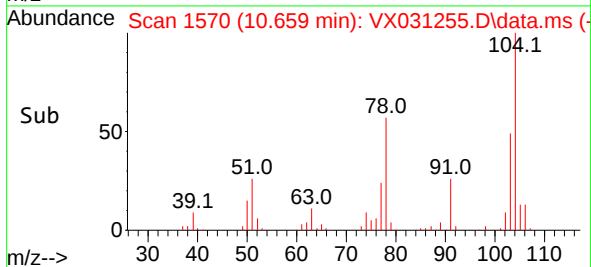
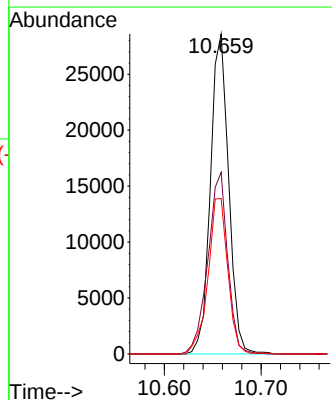
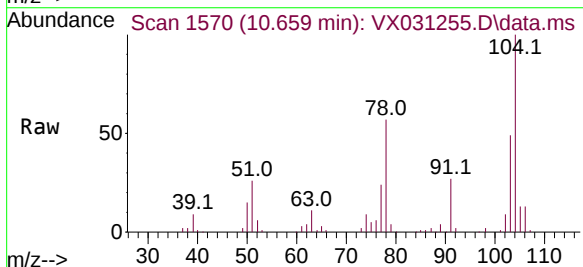
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS02

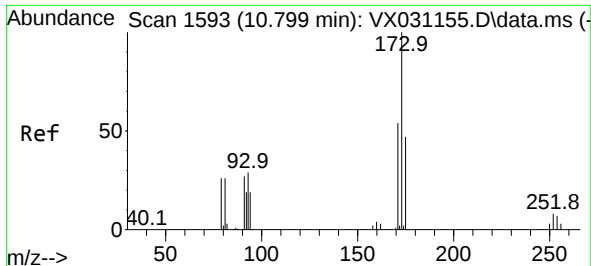
Tgt Ion:106 Resp: 22918  
Ion Ratio Lower Upper  
106 100  
91 231.5 103.8 311.6



#70  
Styrene  
Concen: 19.452 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

Tgt Ion:104 Resp: 37478  
Ion Ratio Lower Upper  
104 100  
78 61.7 37.8 56.8#  
103 52.8 44.5 66.7

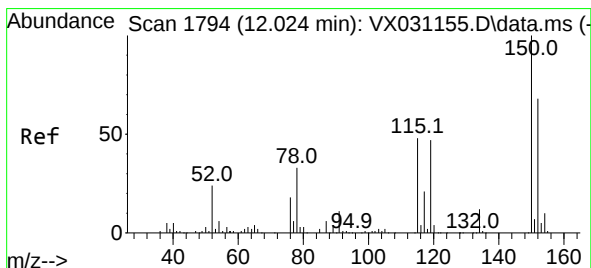
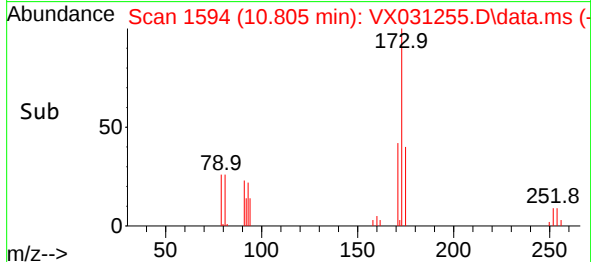
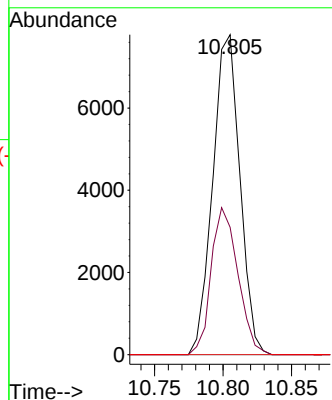
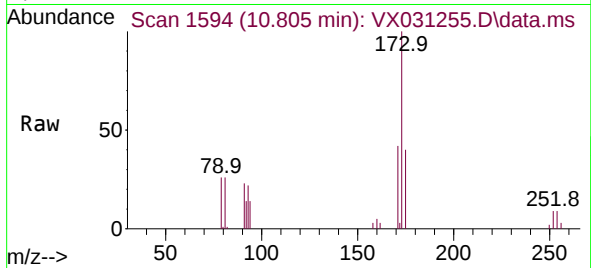




#71  
Bromoform  
Concen: 22.987 ug/l  
RT: 10.805 min Scan# 1594  
Delta R.T. 0.006 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

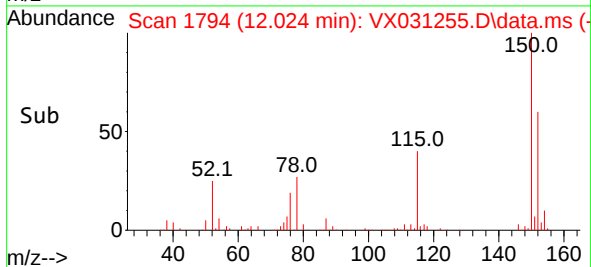
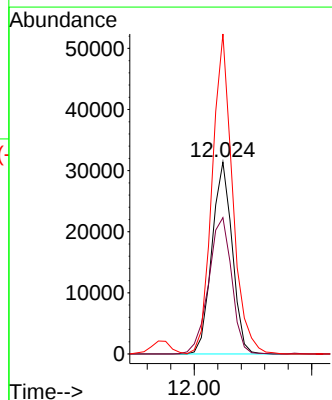
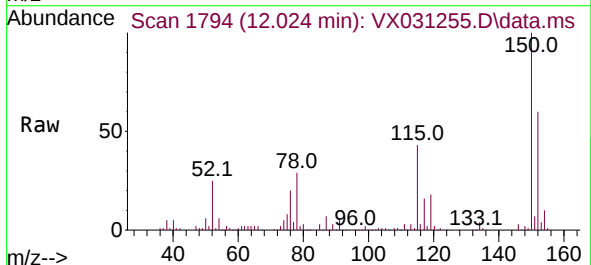
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS02

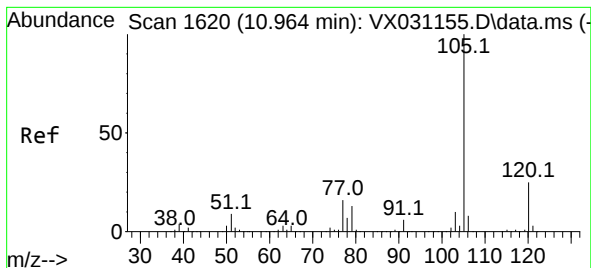
Tgt Ion:173 Resp: 10721  
Ion Ratio Lower Upper  
173 100  
175 45.3 23.8 71.2  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

Tgt Ion:152 Resp: 37573  
Ion Ratio Lower Upper  
152 100  
115 80.7 40.5 121.5  
150 167.8 0.0 347.0





#73

Isopropylbenzene

Concen: 19.370 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031255.D

Acq: 09 Sep 2022 14:33

Instrument :

MSVOA\_X

ClientSampleId :

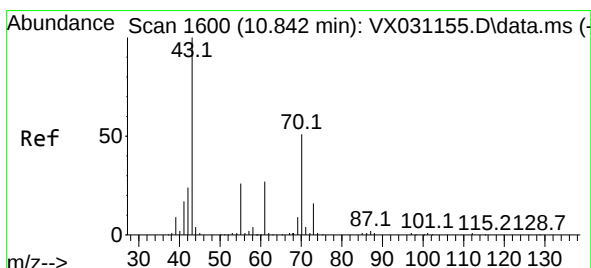
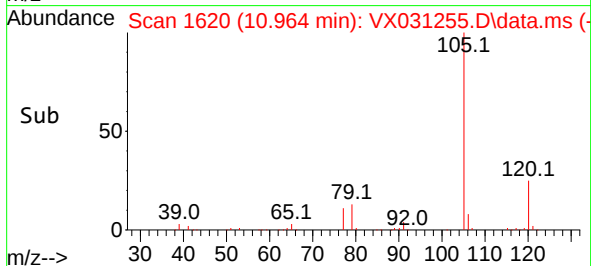
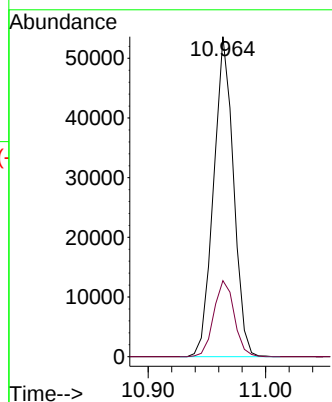
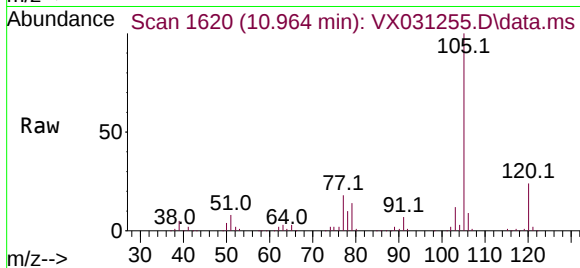
VX0909WBS02

Tgt Ion:105 Resp: 63200

Ion Ratio Lower Upper

105 100

120 24.4 13.5 40.4



#74

N-ethyl acetate

Concen: 18.389 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX031255.D

Acq: 09 Sep 2022 14:33

Tgt Ion: 43 Resp: 19101

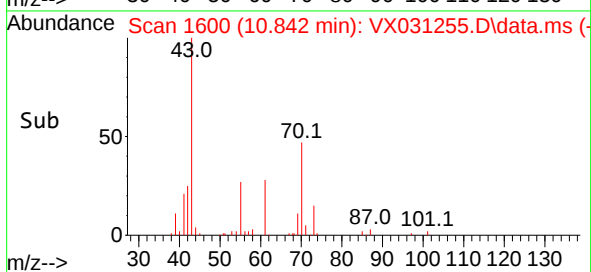
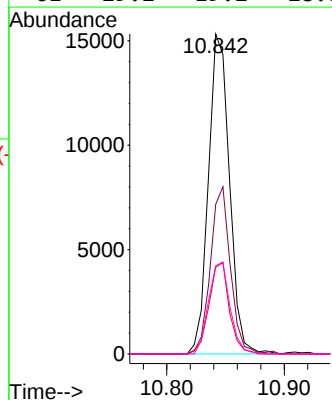
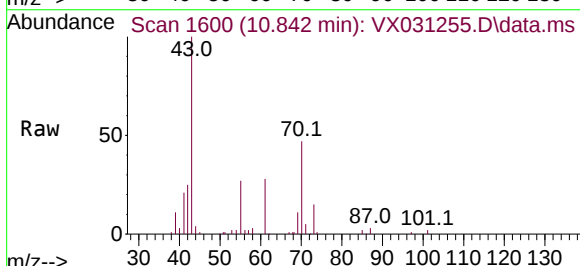
Ion Ratio Lower Upper

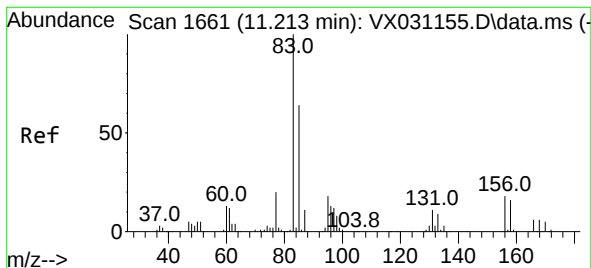
43 100

70 49.8 32.3 48.5#

55 27.5 18.4 27.6

61 29.2 19.2 28.8#

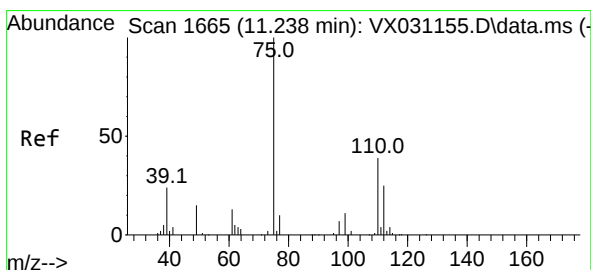
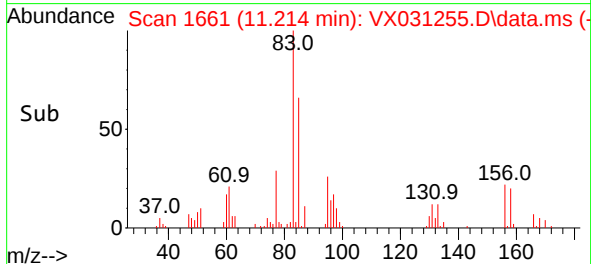
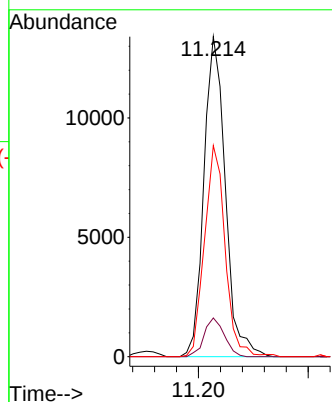
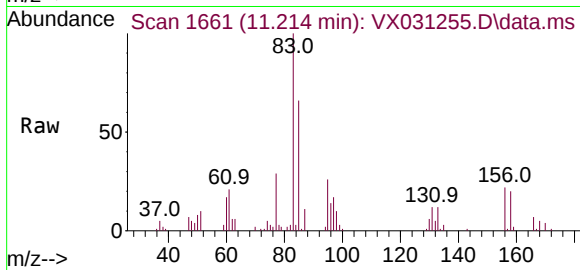




#75  
1,1,2,2-Tetrachloroethane  
Concen: 17.858 ug/l  
RT: 11.214 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

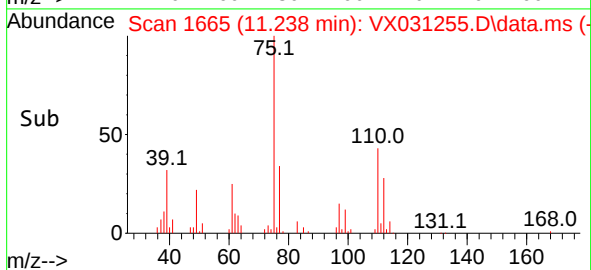
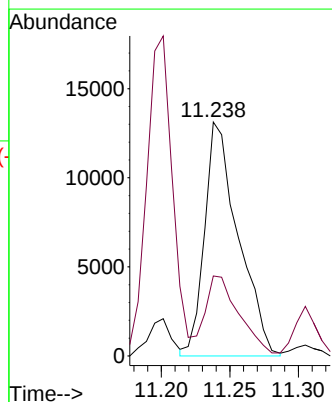
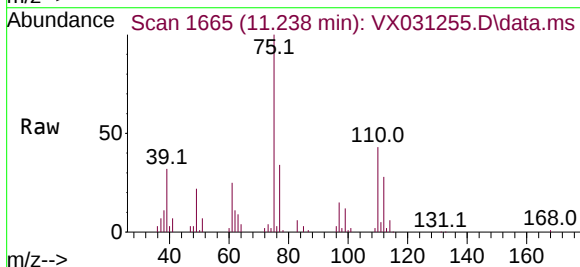
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS02

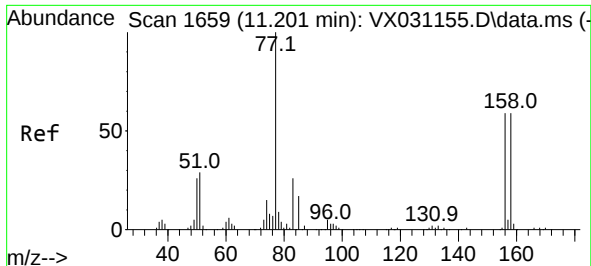
Tgt Ion: 83 Resp: 18188  
Ion Ratio Lower Upper  
83 100  
131 11.4 4.5 13.7  
85 63.6 32.5 97.5



#76  
1,2,3-Trichloropropane  
Concen: 21.937 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

Tgt Ion: 75 Resp: 22495  
Ion Ratio Lower Upper  
75 100  
77 33.6 19.8 59.3

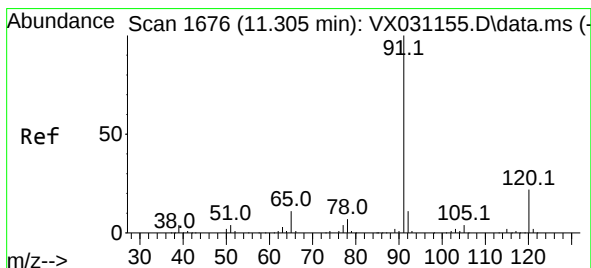
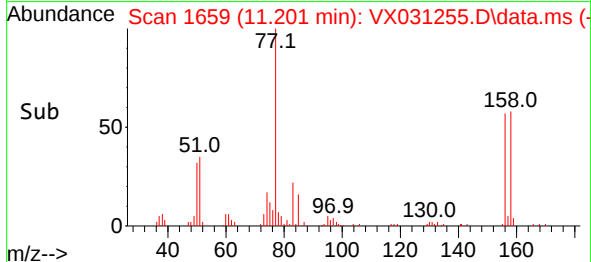
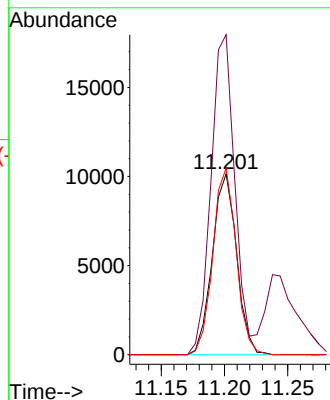
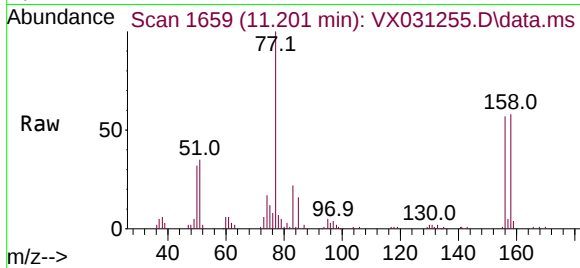




#77  
Bromobenzene  
Concen: 19.107 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

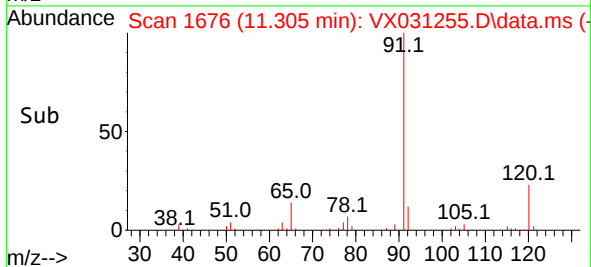
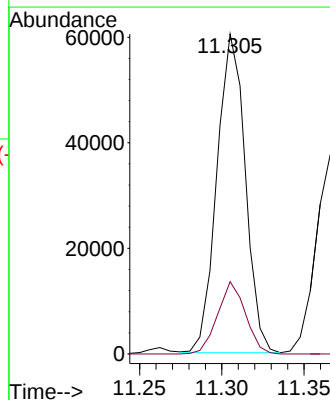
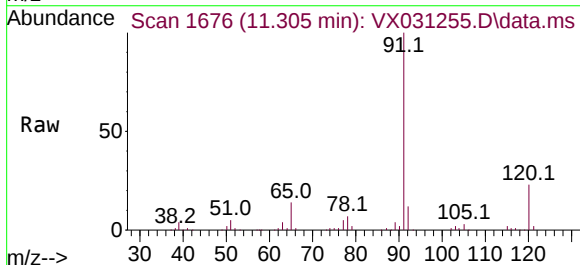
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS02

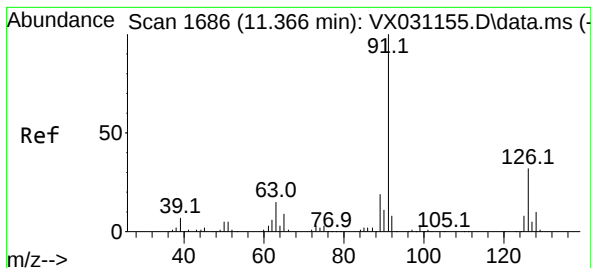
Tgt Ion:156 Resp: 13549  
Ion Ratio Lower Upper  
156 100  
77 172.2 82.7 247.9  
158 98.8 47.5 142.5



#78  
n-propylbenzene  
Concen: 19.500 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

Tgt Ion: 91 Resp: 72524  
Ion Ratio Lower Upper  
91 100  
120 22.2 11.6 34.8

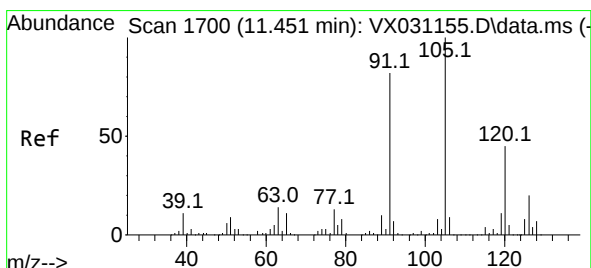
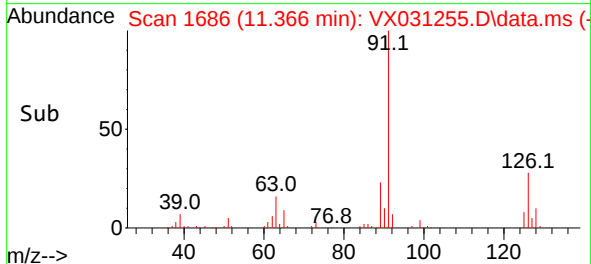
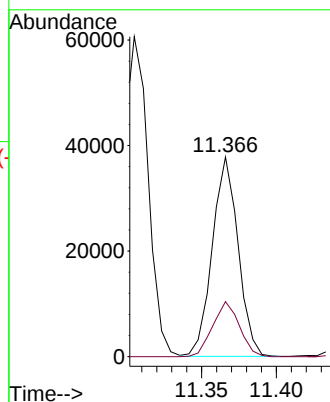
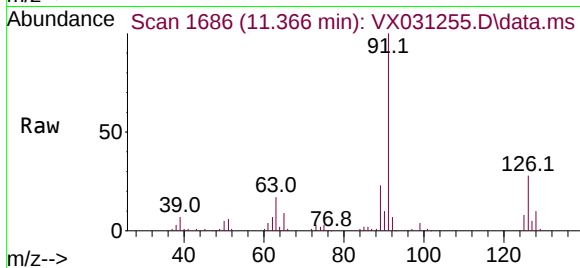




#79  
2-Chlorotoluene  
Concen: 19.678 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

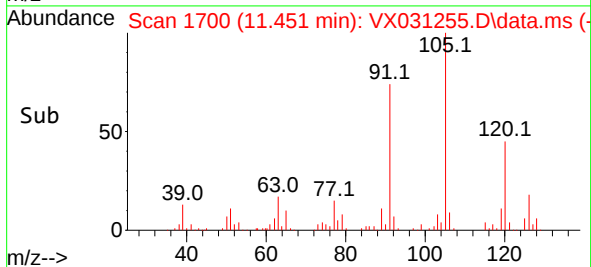
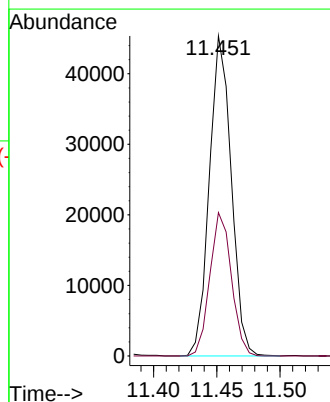
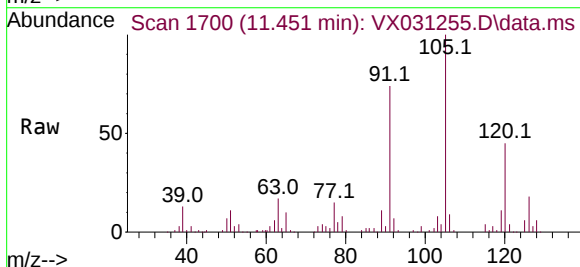
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS02

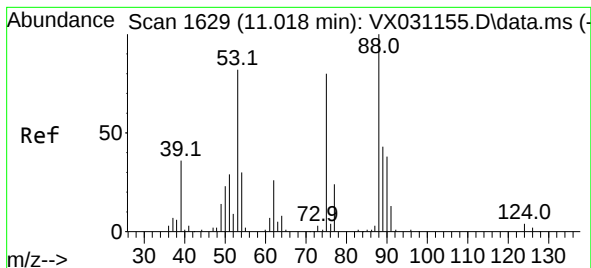
Tgt Ion: 91 Resp: 45340  
Ion Ratio Lower Upper  
91 100  
126 28.5 17.4 52.3



#80  
1,3,5-Trimethylbenzene  
Concen: 19.922 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

Tgt Ion: 105 Resp: 54644  
Ion Ratio Lower Upper  
105 100  
120 44.1 24.4 73.2

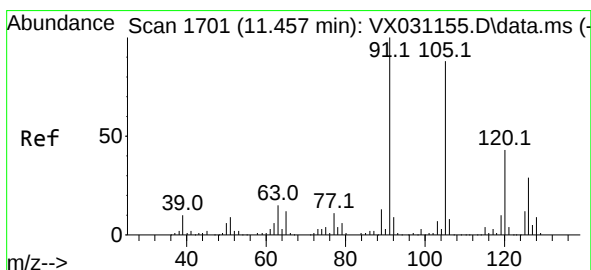
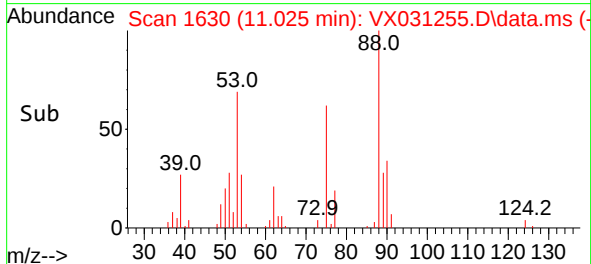
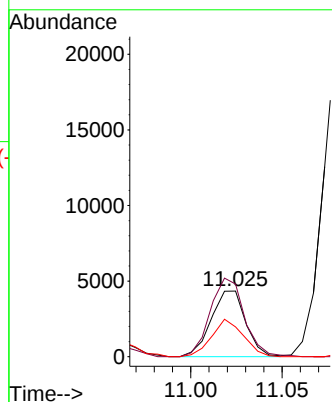
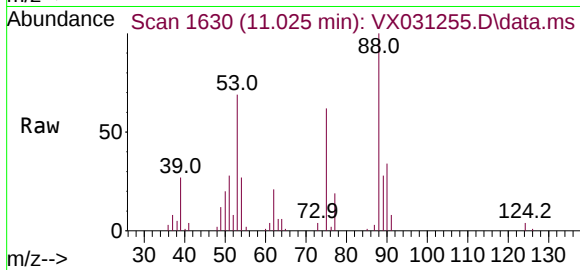




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.061 ug/l  
RT: 11.025 min Scan# 1630  
Delta R.T. 0.006 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

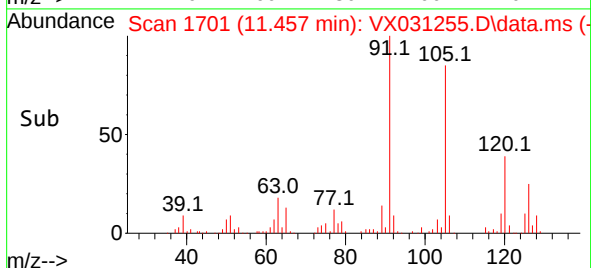
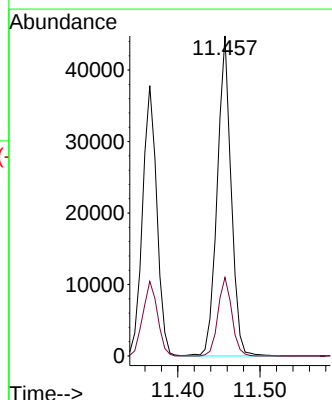
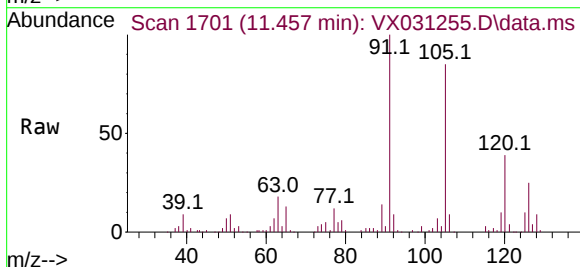
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS02

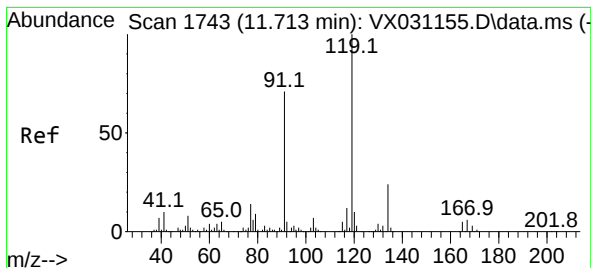
Tgt Ion: 75 Resp: 5743  
Ion Ratio Lower Upper  
75 100  
53 117.9 74.2 111.4#  
89 52.0 34.8 52.2



#82  
4-Chlorotoluene  
Concen: 19.756 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

Tgt Ion: 91 Resp: 52667  
Ion Ratio Lower Upper  
91 100  
126 24.3 15.3 45.9





#83

tert-Butylbenzene

Concen: 19.589 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031255.D

Acq: 09 Sep 2022 14:33

Instrument :

MSVOA\_X

ClientSampleId :

VX0909WBS02

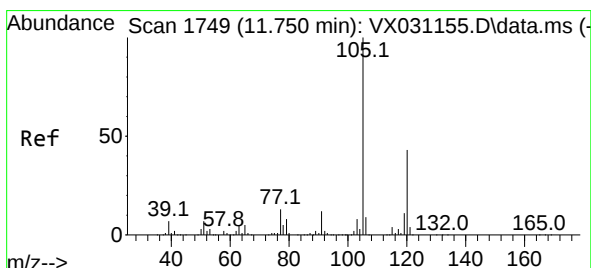
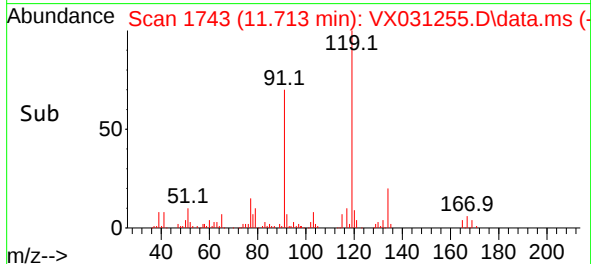
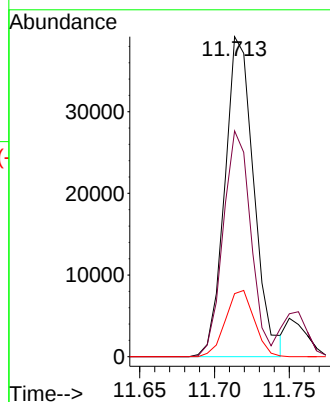
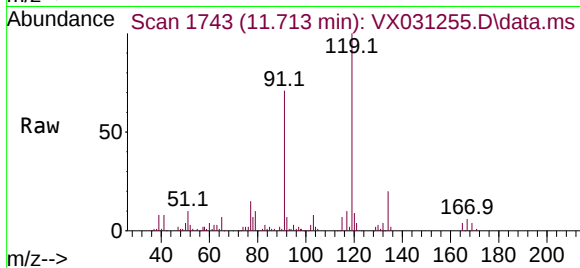
Tgt Ion:119 Resp: 52967

Ion Ratio Lower Upper

119 100

91 67.2 28.3 84.9

134 20.5 11.2 33.5



#84

1,2,4-Trimethylbenzene

Concen: 20.265 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX031255.D

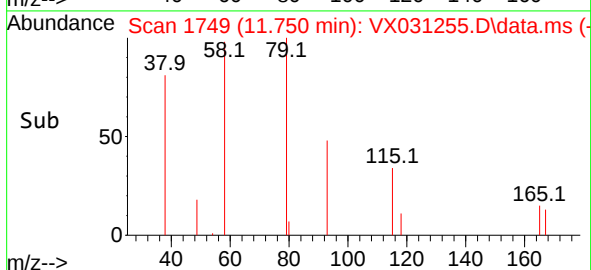
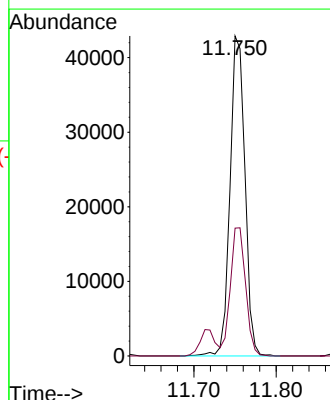
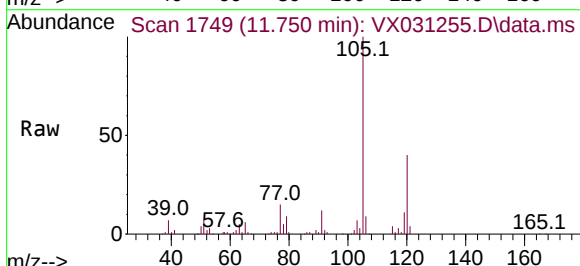
Acq: 09 Sep 2022 14:33

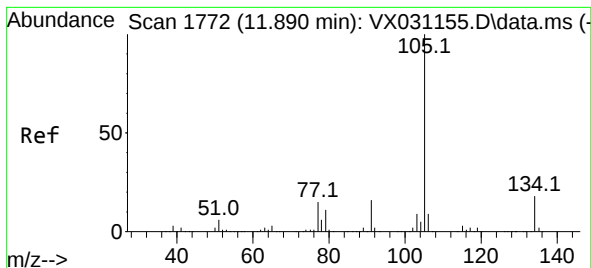
Tgt Ion:105 Resp: 54038

Ion Ratio Lower Upper

105 100

120 40.9 22.9 68.8





#85

sec-Butylbenzene

Concen: 18.728 ug/l

RT: 11.890 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031255.D

Acq: 09 Sep 2022 14:33

Instrument :

MSVOA\_X

ClientSampleId :

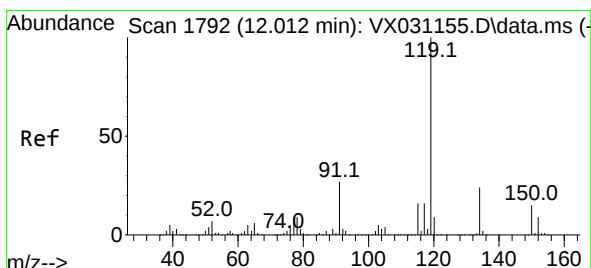
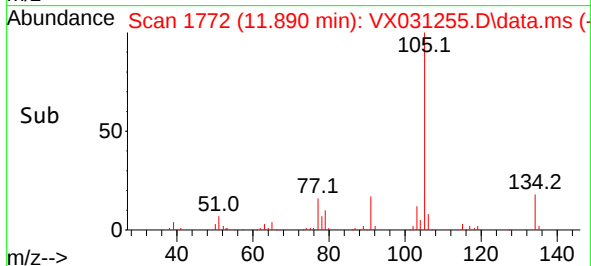
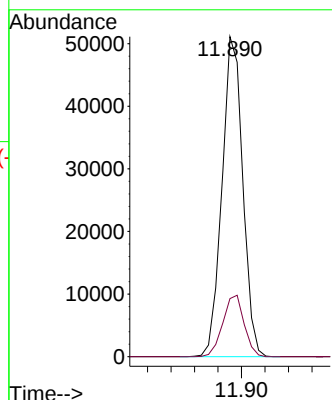
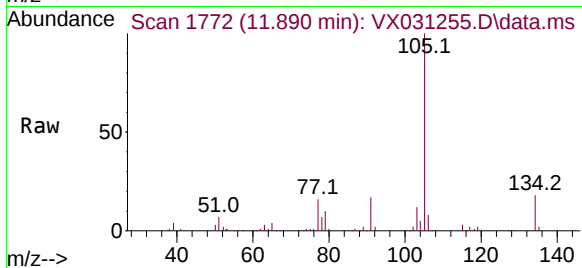
VX0909WBS02

Tgt Ion:105 Resp: 62716

Ion Ratio Lower Upper

105 100

134 19.7 10.0 30.0



#86

p-Isopropyltoluene

Concen: 19.567 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VX031255.D

Acq: 09 Sep 2022 14:33

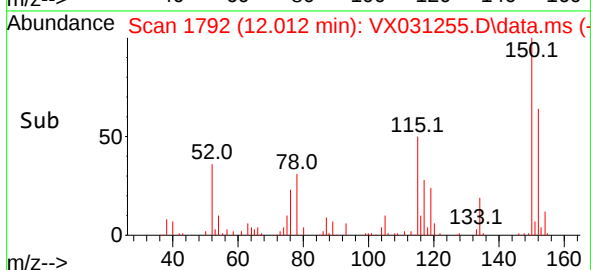
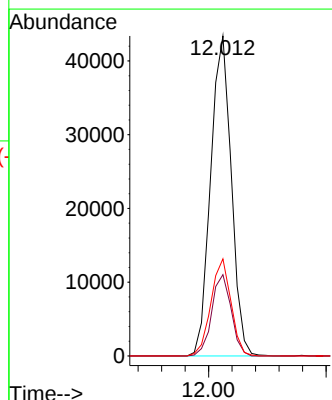
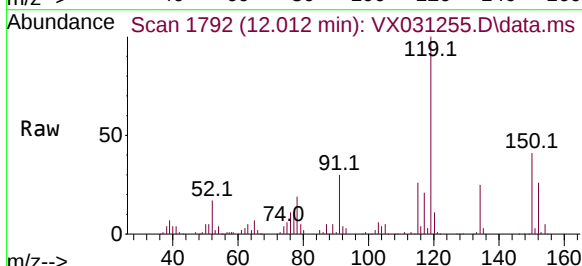
Tgt Ion:119 Resp: 52938

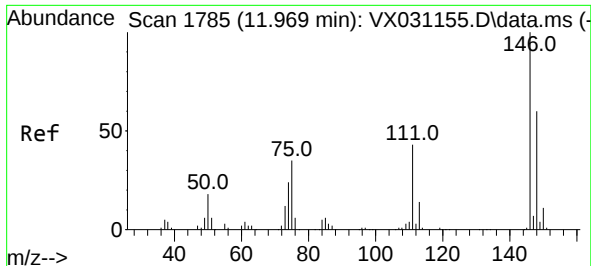
Ion Ratio Lower Upper

119 100

134 23.9 13.9 41.6

91 29.5 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 19.638 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX031255.D

Acq: 09 Sep 2022 14:33

Instrument :

MSVOA\_X

ClientSampleId :

VX0909WBS02

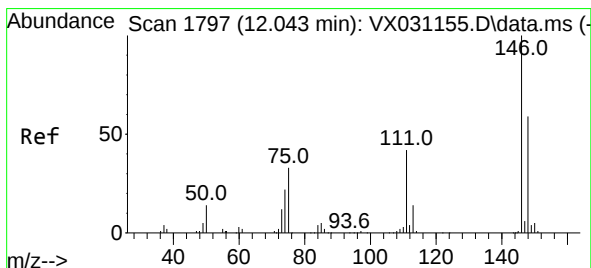
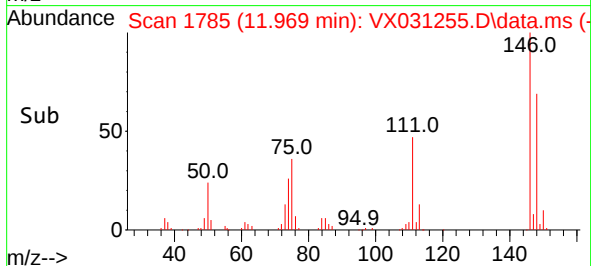
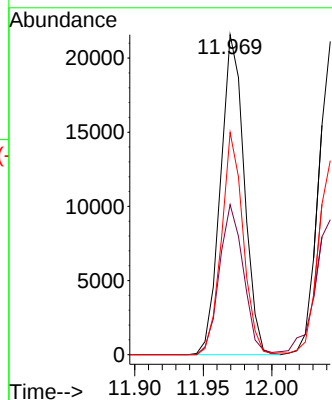
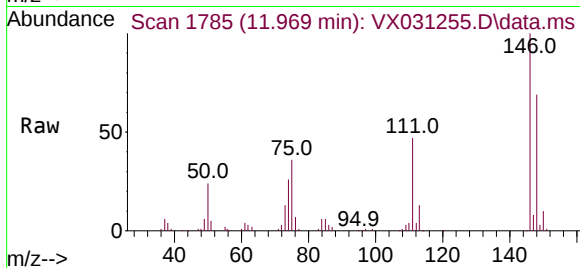
Tgt Ion:146 Resp: 25881

Ion Ratio Lower Upper

146 100

111 47.7 20.3 60.8

148 63.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 18.942 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX031255.D

Acq: 09 Sep 2022 14:33

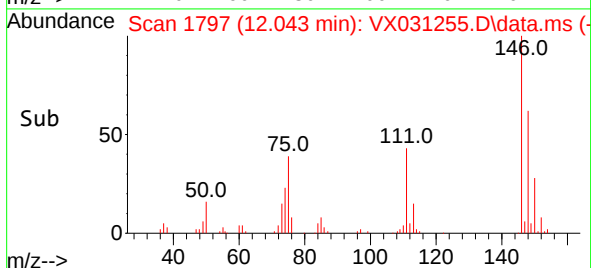
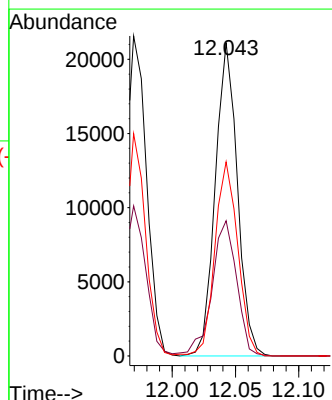
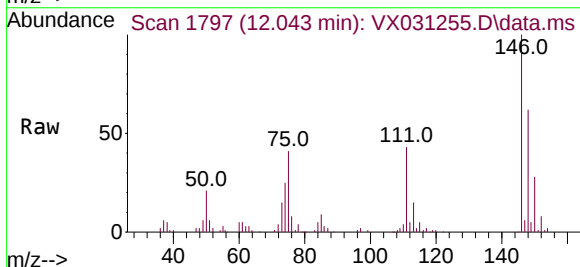
Tgt Ion:146 Resp: 25673

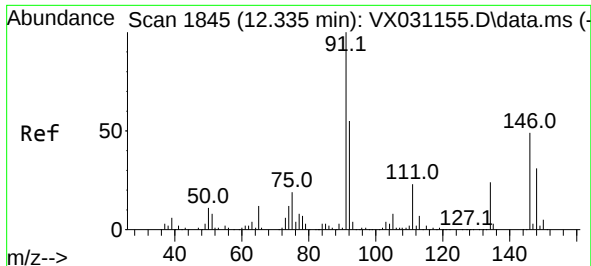
Ion Ratio Lower Upper

146 100

111 48.4 20.3 60.9

148 63.9 32.3 96.8





#89

n-Butylbenzene

Concen: 20.116 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX031255.D

Acq: 09 Sep 2022 14:33

Instrument :

MSVOA\_X

ClientSampleId :

VX0909WBS02

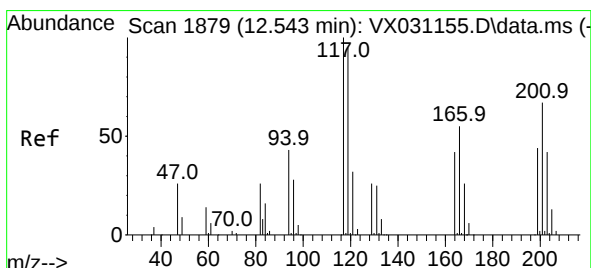
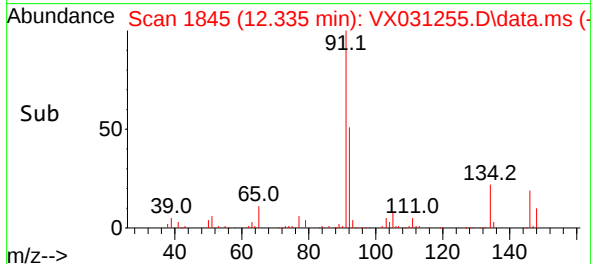
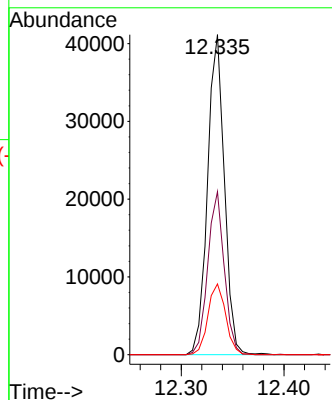
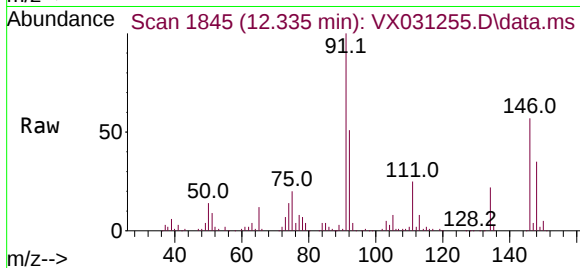
Tgt Ion: 91 Resp: 46924

Ion Ratio Lower Upper

91 100

92 50.0 26.2 78.5

134 23.4 12.6 37.8



#90

Hexachloroethane

Concen: 20.800 ug/l

RT: 12.543 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX031255.D

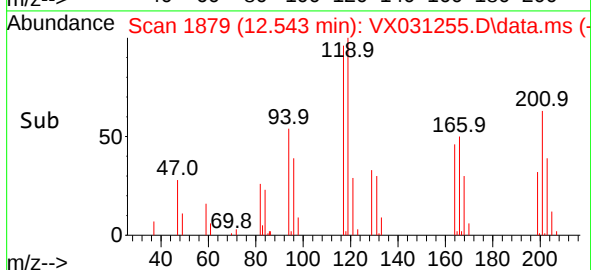
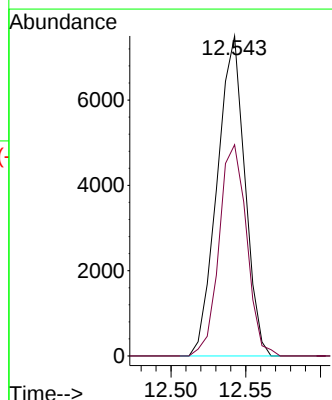
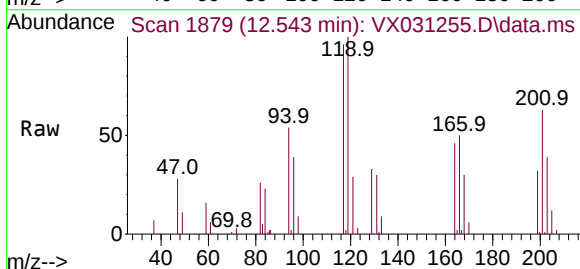
Acq: 09 Sep 2022 14:33

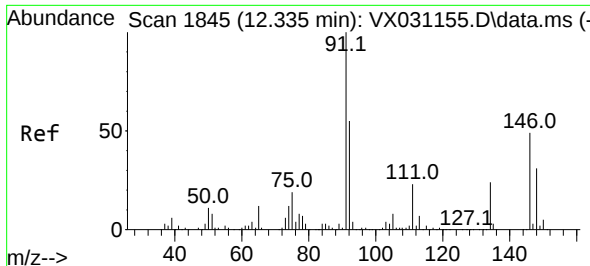
Tgt Ion: 117 Resp: 9669

Ion Ratio Lower Upper

117 100

201 65.4 34.2 102.5

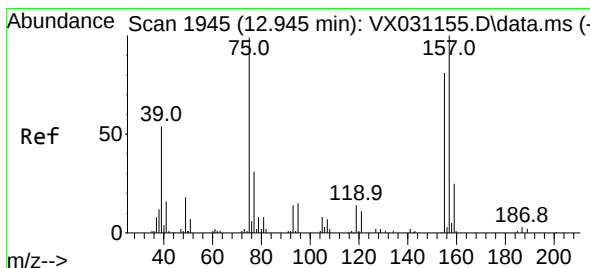
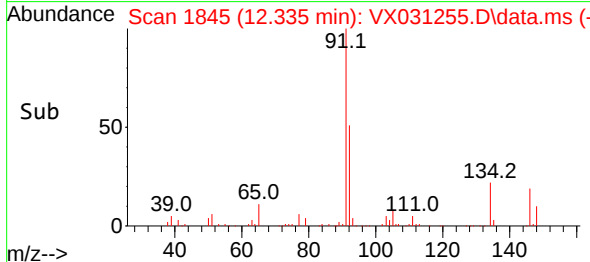
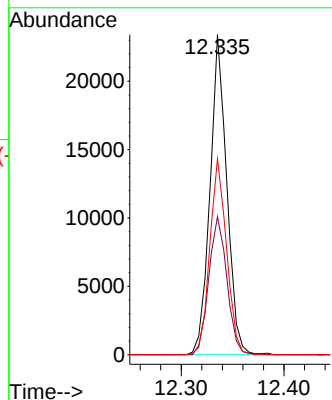
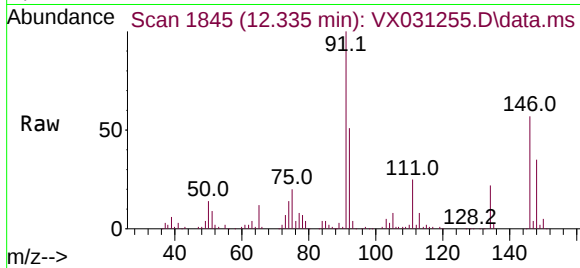




#91  
1,2-Dichlorobenzene  
Concen: 20.577 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

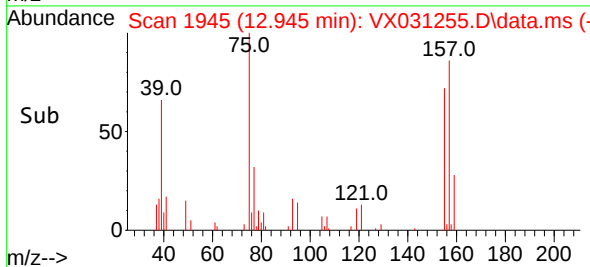
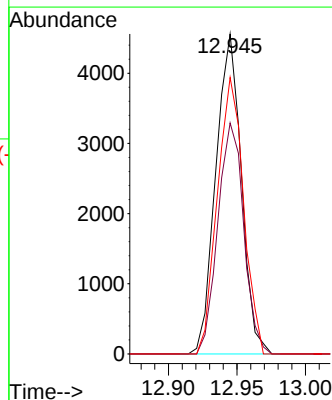
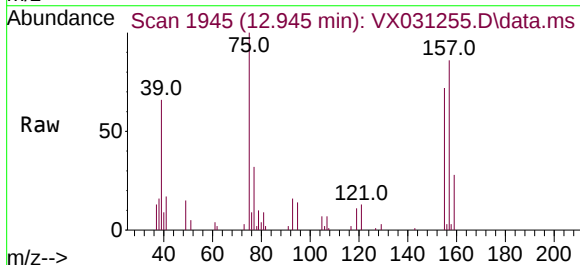
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS02

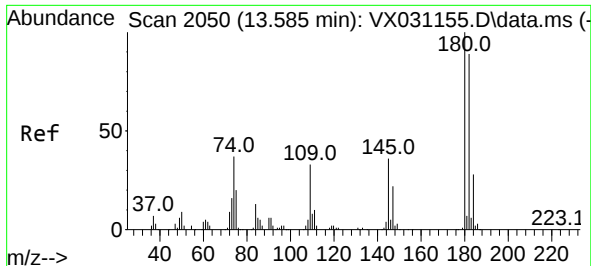
Tgt Ion:146 Resp: 26594  
Ion Ratio Lower Upper  
146 100  
111 46.6 20.7 62.1  
148 61.1 32.0 96.2



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 21.064 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

Tgt Ion: 75 Resp: 5892  
Ion Ratio Lower Upper  
75 100  
155 73.2 45.0 134.8  
157 88.4 56.9 170.7

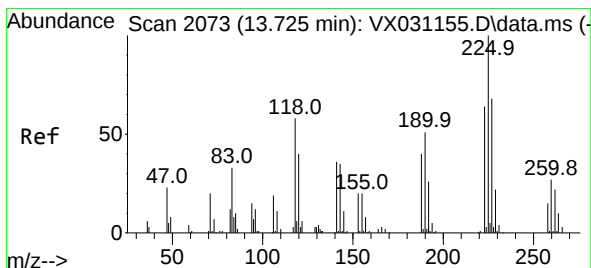
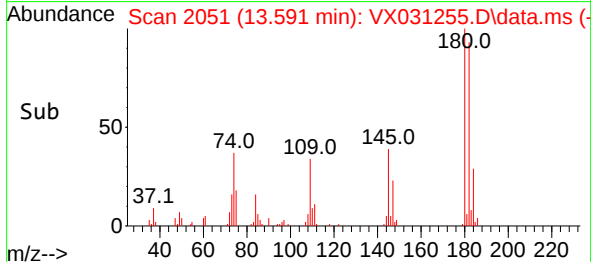
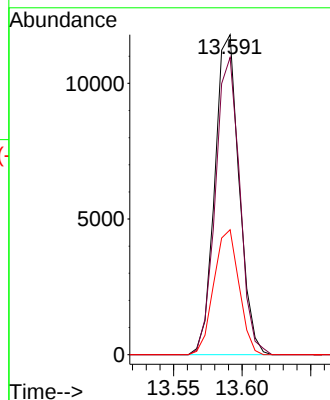
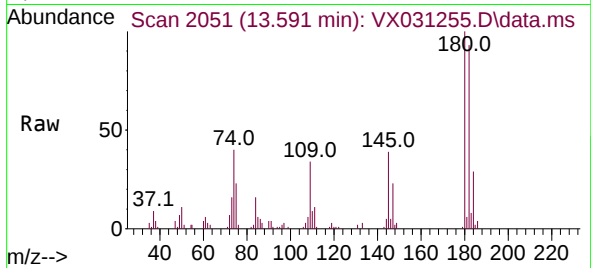




#93  
1,2,4-Trichlorobenzene  
Concen: 19.228 ug/l  
RT: 13.591 min Scan# 2050  
Delta R.T. 0.006 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

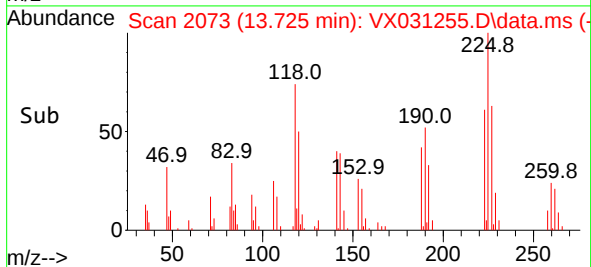
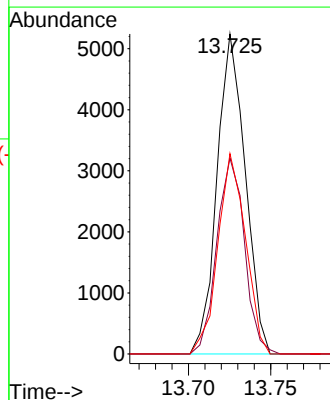
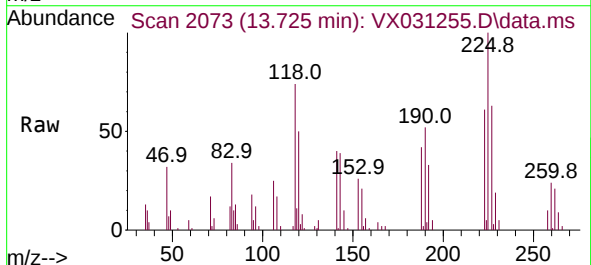
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS02

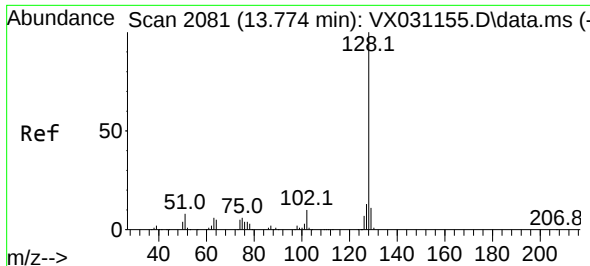
Tgt Ion:180 Resp: 14532  
Ion Ratio Lower Upper  
180 100  
182 93.1 48.2 144.6  
145 40.4 15.9 47.6



#94  
Hexachlorobutadiene  
Concen: 19.468 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

Tgt Ion:225 Resp: 6248  
Ion Ratio Lower Upper  
225 100  
223 60.0 30.6 91.6  
227 61.4 31.9 95.9

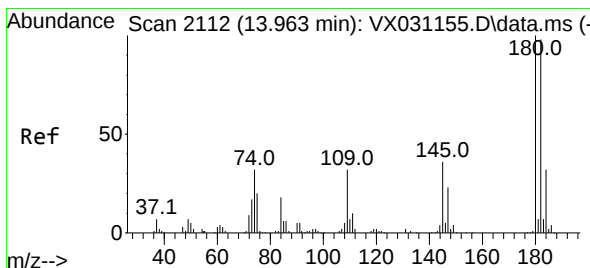
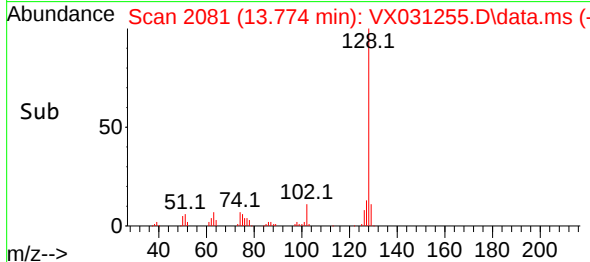
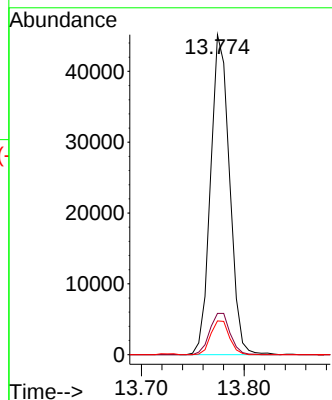
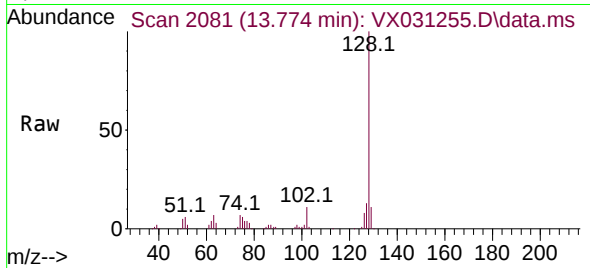




#95  
Naphthalene  
Concen: 19.622 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0909WBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 58095 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 13.9  | 10.2  | 15.2  |
| 129      | 10.4  | 8.6   | 13.0  |



#96  
1,2,3-Trichlorobenzene  
Concen: 18.500 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: VX031255.D  
Acq: 09 Sep 2022 14:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 14235 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 100.9 | 47.0  | 141.0 |
| 145      | 41.7  | 17.0  | 50.9  |

