

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX071422\  
 Data File : VX030077.D  
 Acq On : 14 Jul 2022 21:38  
 Operator : JC/MD  
 Sample : VSTDC0020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDC0020EC

Quant Time: Jul 27 05:14:43 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X070822W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Sat Jul 09 02:10:54 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Bromochloromethane        | 4.903  | 128   | 28416    | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.769  | 114   | 155469   | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 10.055 | 117   | 141639   | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 5.958  | 65    | 68857    | 29.717   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | =      | 99.067%  |
| 60) 4-Bromofluorobenzene     | 11.085 | 95    | 78347    | 29.351   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | =      | 97.833%  |
| 63) Toluene-d8               | 8.653  | 98    | 227853   | 29.667   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | =      | 98.900%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 36943    | 19.012   | ug/l   | 98       |
| 3) Chloromethane             | 1.288  | 50    | 35816    | 17.676   | ug/l   | 97       |
| 4) Vinyl Chloride            | 1.374  | 62    | 40076    | 17.454   | ug/l   | 98       |
| 5) Bromomethane              | 1.611  | 94    | 18716    | 19.785   | ug/l   | 99       |
| 6) Chloroethane              | 1.685  | 64    | 23140    | 18.819   | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 54770    | 18.818   | ug/l   | 97       |
| 8) Diethyl Ether             | 2.136  | 74    | 22027    | 17.793   | ug/l   | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 2.325  | 101   | 35914    | 18.326   | ug/l   | 94       |
| 10) 1,1-Dichloroethene       | 2.319  | 96    | 36760    | 18.370   | ug/l   | 89       |
| 11) Methyl Iodide            | 2.453  | 142   | 30747    | 21.443   | ug/l   | 94       |
| 12) Methyl Acetate           | 2.709  | 43    | 66039    | 20.264   | ug/l   | 93       |
| 13) Acrolein                 | 2.239  | 56    | 27809    | 72.636   | ug/l   | 100      |
| 14) Acrylonitrile            | 3.068  | 53    | 131551   | 93.789   | ug/l   | 99       |
| 15) Acetone                  | 2.392  | 58    | 36691    | 96.301   | ug/l   | 87       |
| 16) Carbon Disulfide         | 2.514  | 76    | 85866    | 16.438   | ug/l   | 98       |
| 17) Allyl chloride           | 2.666  | 41    | 62761    | 17.797   | ug/l   | 91       |
| 18) Methylene Chloride       | 2.788  | 84    | 43494    | 18.656   | ug/l   | 97       |
| 19) trans-1,2-Dichloroethene | 3.093  | 96    | 38647    | 17.797   | ug/l   | 94       |
| 20) Diisopropyl ether        | 3.769  | 45    | 131080   | 18.555   | ug/l # | 84       |
| 21) 1,1-Dichloroethane       | 3.611  | 63    | 70915    | 18.646   | ug/l   | 99       |
| 22) cis-1,2-Dichloroethene   | 4.495  | 96    | 47149    | 18.285   | ug/l   | 95       |
| 23) tert-Butyl Alcohol       | 2.989  | 59    | 49076    | 76.376   | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 3.117  | 73    | 118503   | 18.357   | ug/l   | 98       |
| 25) Chloroform               | 5.099  | 83    | 72503    | 19.128   | ug/l   | 98       |
| 26) Cyclohexane              | 5.477  | 56    | 62827    | 17.830   | ug/l # | 94       |
| 29) 1,1-Dichloropropene      | 5.702  | 75    | 51316    | 19.295   | ug/l   | 99       |
| 30) 2-Butanone               | 4.568  | 43    | 181041   | 100.851  | ug/l   | 100      |
| 31) 2,2-Dichloropropane      | 4.483  | 77    | 35573    | 13.994   | ug/l # | 87       |
| 32) 1,1,1-Trichloroethane    | 5.385  | 97    | 57555    | 20.126   | ug/l # | 86       |
| 33) Carbon Tetrachloride     | 5.678  | 117   | 47592    | 19.815   | ug/l   | 98       |
| 34) Benzene                  | 6.043  | 78    | 168567   | 19.723   | ug/l # | 95       |
| 35) Methacrylonitrile        | 4.928  | 41    | 36531    | 20.105   | ug/l   | 92       |
| 36) 1,2-Dichloroethane       | 6.092  | 62    | 52918    | 20.340   | ug/l   | 97       |
| 37) Trichloroethene          | 7.129  | 130   | 44705    | 19.558   | ug/l   | 97       |
| 38) Methylcyclohexane        | 7.385  | 83    | 65298    | 18.922   | ug/l   | 95       |
| 39) 1,2-Dichloropropane      | 7.433  | 63    | 41515    | 19.082   | ug/l   | 93       |
| 40) Dibromomethane           | 7.586  | 93    | 29007    | 19.669   | ug/l   | 92       |
| 41) Bromodichloromethane     | 7.830  | 83    | 53560    | 20.332   | ug/l   | 100      |
| 42) Vinyl Acetate            | 3.727  | 43    | 555236   | 96.719   | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX071422\  
 Data File : VX030077.D  
 Acq On : 14 Jul 2022 21:38  
 Operator : JC/MD  
 Sample : VSTDCCC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

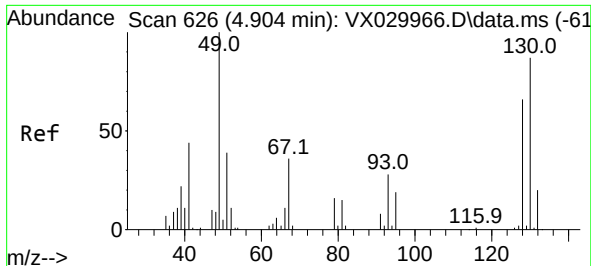
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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Quant Time: Jul 27 05:14:43 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X070822W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Sat Jul 09 02:10:54 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 43) Ethyl Acetate             | 4.727  | 43   | 67514    | 19.966  | ug/l  | 99       |
| 44) Isopropyl Acetate         | 6.348  | 43   | 98838    | 19.241  | ug/l  | 99       |
| 45) 1,4-Dioxane               | 7.683  | 88   | 24101    | 399.664 | ug/l  | 97       |
| 46) Methyl methacrylate       | 7.696  | 41   | 48381    | 19.874  | ug/l  | 97       |
| 47) n-amyl Acetate            | 10.841 | 43   | 77841    | 17.639  | ug/l  | 96       |
| 48) t-1,3-Dichloropropene     | 8.982  | 75   | 50821    | 17.457  | ug/l  | 92       |
| 49) cis-1,3-Dichloropropene   | 8.372  | 75   | 57932    | 17.721  | ug/l  | 98       |
| 50) 1,1,2-Trichloroethane     | 9.153  | 97   | 44537    | 20.385  | ug/l  | 98       |
| 51) Ethyl methacrylate        | 9.122  | 69   | 64393    | 18.940  | ug/l  | 98       |
| 52) 1,3-Dichloropropane       | 9.311  | 76   | 70110    | 19.949  | ug/l  | 98       |
| 53) Dibromochloromethane      | 9.525  | 129  | 39245    | 19.407  | ug/l  | 98       |
| 54) 1,2-Dibromoethane         | 9.610  | 107  | 45000    | 19.834  | ug/l  | 97       |
| 55) 2-Chloroethyl vinyl ether | 8.244  | 63   | 177384   | 101.214 | ug/l  | 96       |
| 56) Bromoform                 | 10.799 | 173  | 26924    | 19.019  | ug/l  | 97       |
| 58) 4-Methyl-2-Pentanone      | 8.580  | 43   | 345392   | 98.723  | ug/l  | 98       |
| 59) 2-Hexanone                | 9.433  | 43   | 266396   | 98.446  | ug/l  | 99       |
| 61) Tetrachloroethene         | 9.275  | 164  | 45048    | 21.182  | ug/l  | 93       |
| 62) Toluene                   | 8.720  | 91   | 178925   | 18.990  | ug/l  | 97       |
| 64) Chlorobenzene             | 10.079 | 112  | 108123   | 19.215  | ug/l  | 99       |
| 65) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 37872    | 19.302  | ug/l  | 96       |
| 66) Ethyl Benzene             | 10.195 | 91   | 191973   | 19.173  | ug/l  | 99       |
| 67) m/p-Xylenes               | 10.305 | 106  | 148652   | 38.260  | ug/l  | 98       |
| 68) o-Xylene                  | 10.646 | 106  | 73215    | 18.923  | ug/l  | 100      |
| 69) Styrene                   | 10.659 | 104  | 122133   | 19.075  | ug/l  | 97       |
| 70) Isopropylbenzene          | 10.963 | 105  | 187614   | 19.259  | ug/l  | 99       |
| 71) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 64882    | 18.315  | ug/l  | 98       |
| 72) 1,2,3-Trichloropropane    | 11.244 | 75   | 71235    | 22.371  | ug/l  | 87       |
| 73) Bromobenzene              | 11.201 | 156  | 43490    | 18.618  | ug/l  | 89       |
| 74) n-propylbenzene           | 11.305 | 91   | 217276   | 18.593  | ug/l  | 97       |
| 75) 2-Chlorotoluene           | 11.366 | 91   | 130961   | 19.031  | ug/l  | 99       |
| 76) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 152324   | 18.624  | ug/l  | 99       |
| 77) t-1,4-Dichloro-2-butene   | 11.018 | 75   | 16336    | 14.915  | ug/l  | 91       |
| 78) 4-Chlorotoluene           | 11.457 | 91   | 143324   | 18.557  | ug/l  | 99       |
| 79) tert-butylbenzene         | 11.713 | 119  | 145450   | 18.280  | ug/l  | 100      |
| 80) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 153437   | 18.248  | ug/l  | 99       |
| 81) sec-Butylbenzene          | 11.890 | 105  | 196309   | 18.227  | ug/l  | 98       |
| 82) p-Isopropyltoluene        | 12.012 | 119  | 157385   | 18.152  | ug/l  | 98       |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146  | 83313    | 18.434  | ug/l  | 99       |
| 84) 1,4-Dichlorobenzene       | 12.042 | 146  | 81684    | 17.821  | ug/l  | 99       |
| 85) n-Butylbenzene            | 12.335 | 91   | 142036   | 17.457  | ug/l  | 94       |
| 86) Hexachloroethane          | 12.542 | 117  | 25372    | 17.613  | ug/l  | 82       |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146  | 85273    | 19.108  | ug/l  | 99       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 14915    | 18.462  | ug/l  | 85       |
| 89) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 48343    | 17.496  | ug/l  | 99       |
| 90) Hexachlorobutadiene       | 13.725 | 225  | 18779    | 17.920  | ug/l  | 100      |
| 91) Naphthalene               | 13.780 | 128  | 200083   | 18.167  | ug/l  | 100      |
| 92) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 50513    | 17.947  | ug/l  | 99       |

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

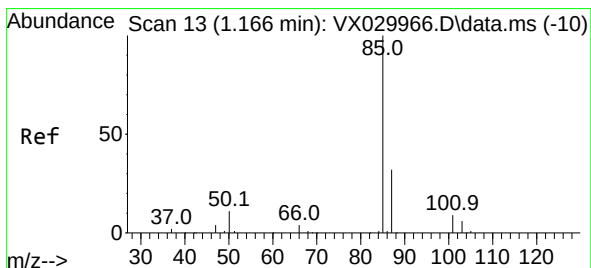
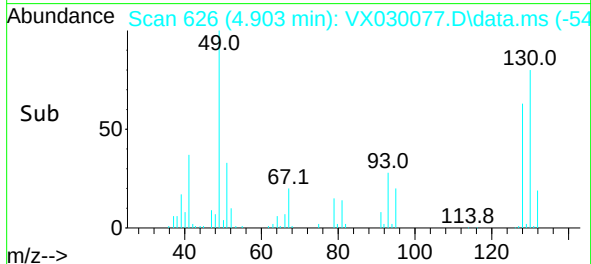
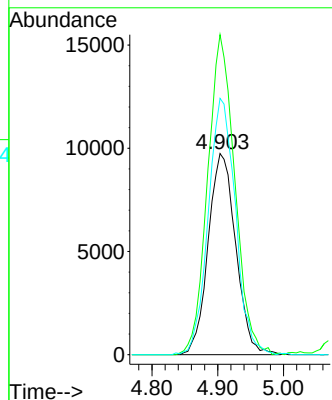
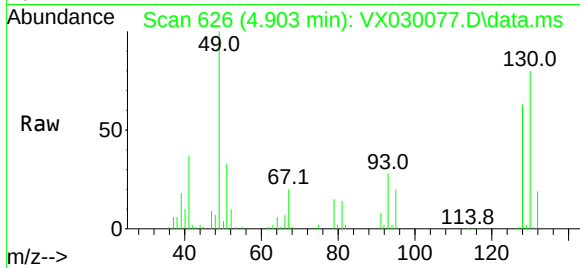




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.903 min Scan# 61  
Delta R.T. -0.001 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

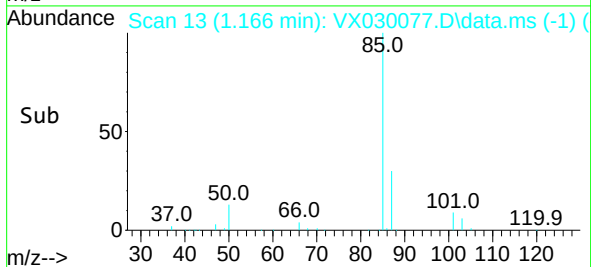
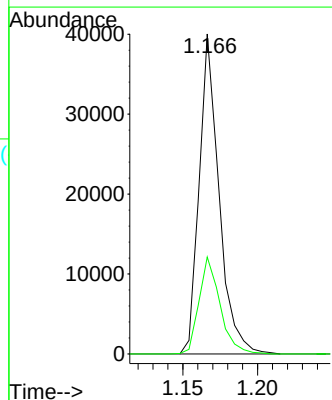
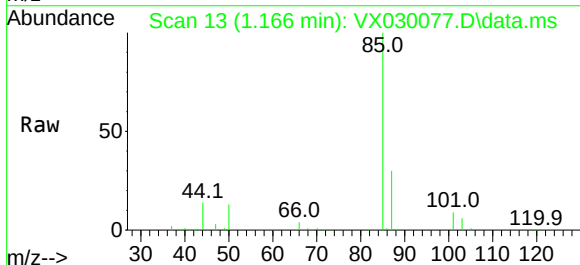
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

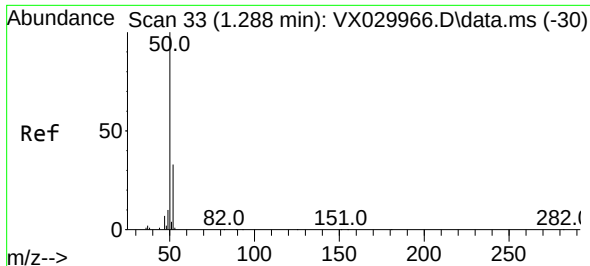
Tgt Ion:128 Resp: 28416  
Ion Ratio Lower Upper  
128 100  
49 156.2 0.0 358.3  
130 125.8 0.0 319.3



#2  
Dichlorodifluoromethane  
Concen: 19.012 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

Tgt Ion: 85 Resp: 36943  
Ion Ratio Lower Upper  
85 100  
87 30.3 15.6 46.8

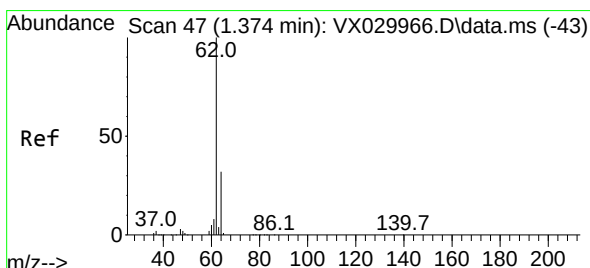
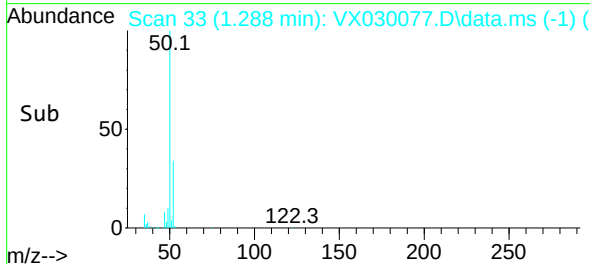
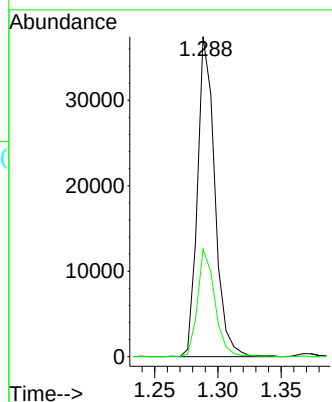
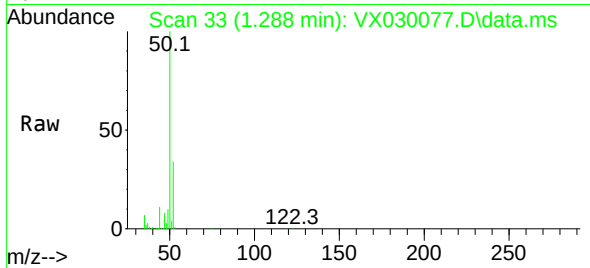




#3  
Chloromethane  
Concen: 17.676 ug/l  
RT: 1.288 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

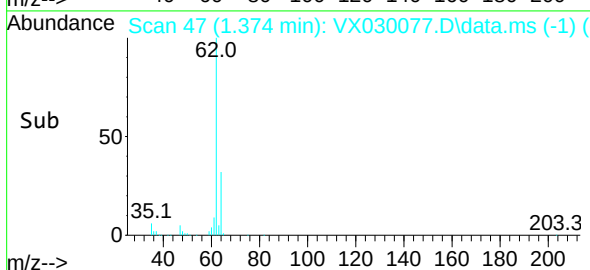
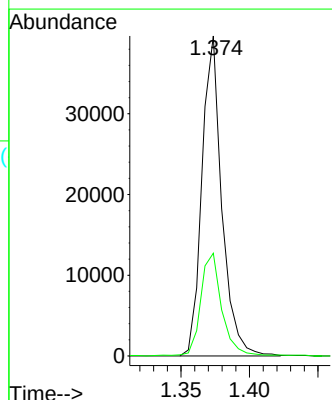
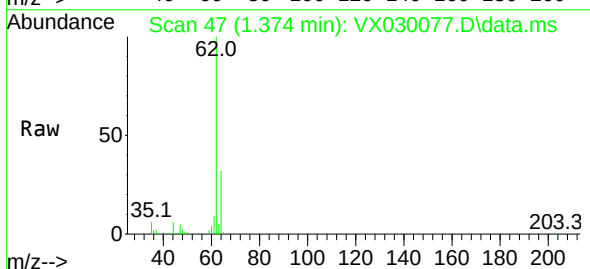
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

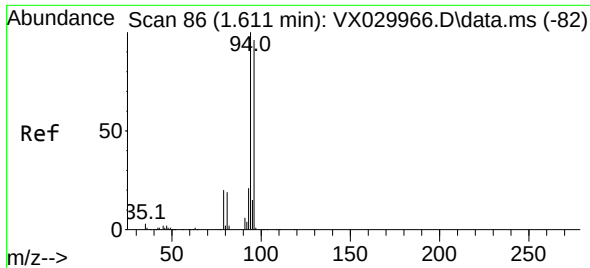
Tgt Ion: 50 Resp: 35816  
Ion Ratio Lower Upper  
50 100  
52 33.6 25.6 38.4



#4  
Vinyl Chloride  
Concen: 17.454 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

Tgt Ion: 62 Resp: 40076  
Ion Ratio Lower Upper  
62 100  
64 31.8 26.2 39.2

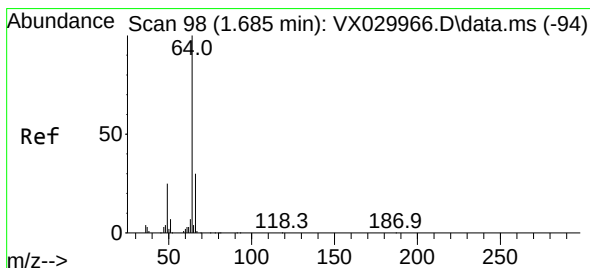
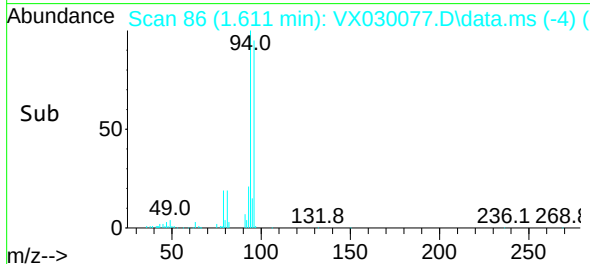
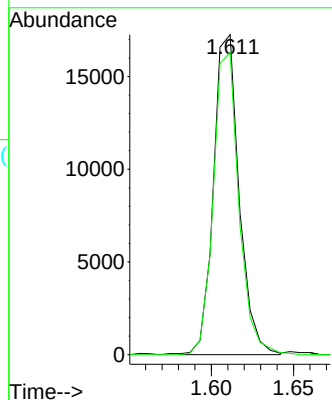
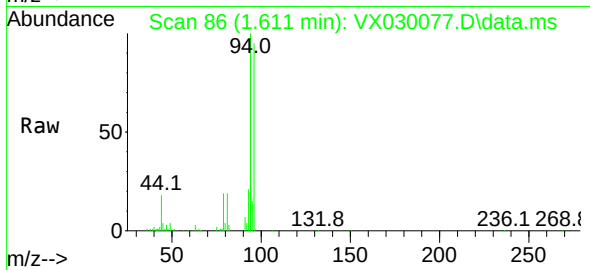




#5  
Bromomethane  
Concen: 19.785 ug/l  
RT: 1.611 min Scan# 86  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

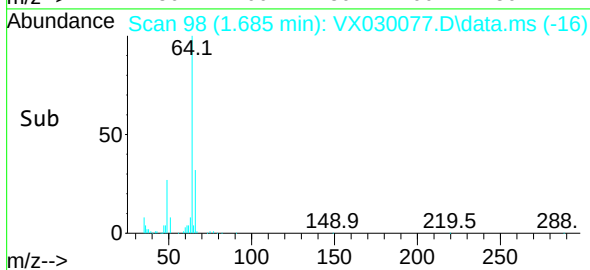
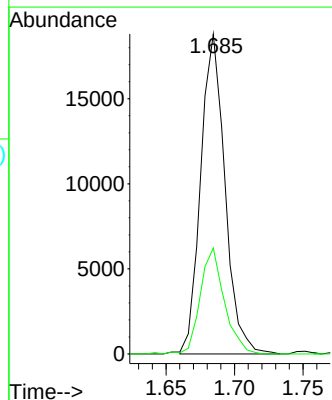
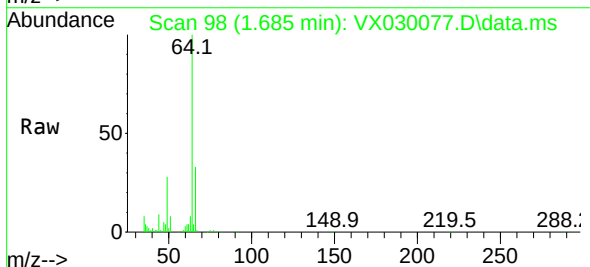
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

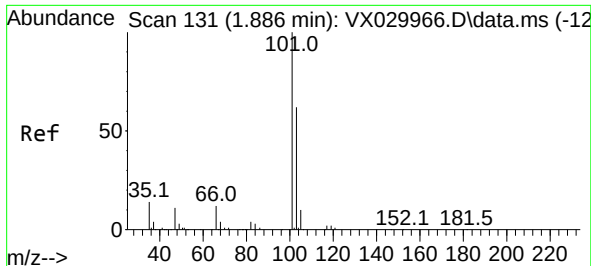
Tgt Ion: 94 Resp: 18716  
Ion Ratio Lower Upper  
94 100  
96 94.9 77.0 115.6



#6  
Chloroethane  
Concen: 18.819 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

Tgt Ion: 64 Resp: 23140  
Ion Ratio Lower Upper  
64 100  
66 33.1 26.4 39.6

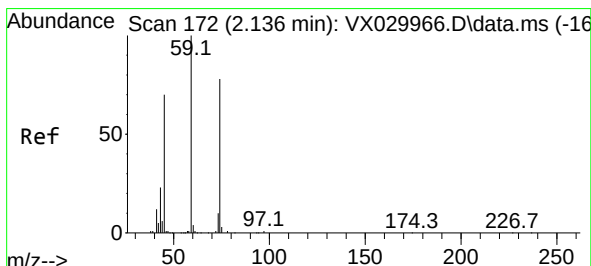
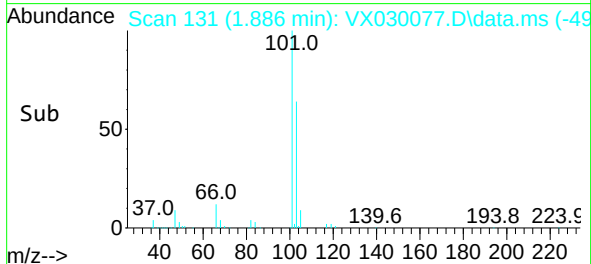
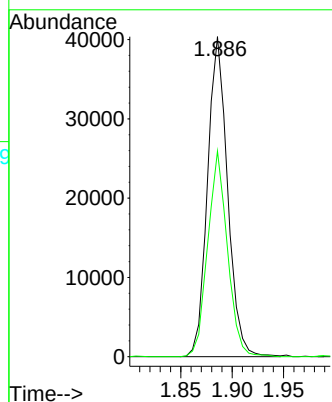
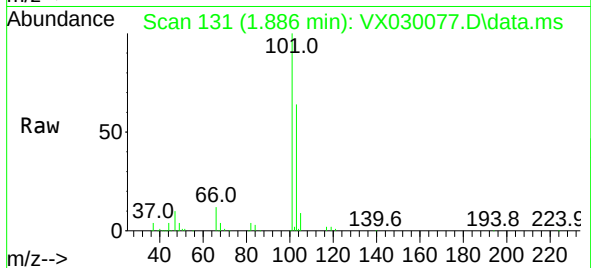




#7  
 Trichlorofluoromethane  
 Concen: 18.818 ug/l  
 RT: 1.886 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX030077.D  
 Acq: 14 Jul 2022 21:38

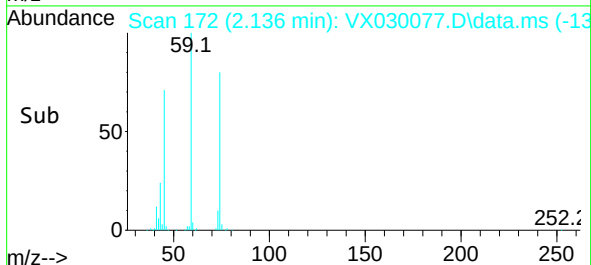
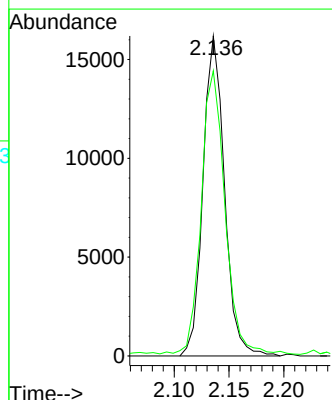
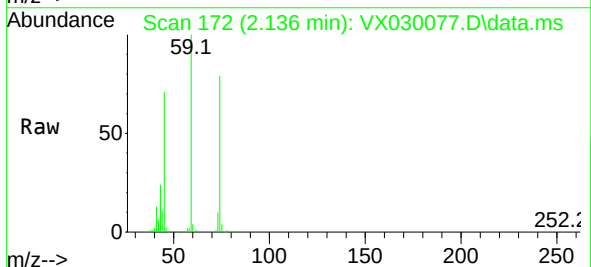
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020EC

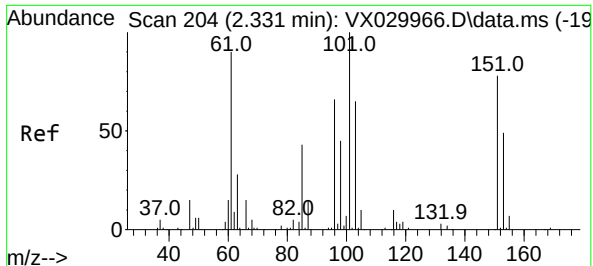
Tgt Ion:101 Resp: 54770  
 Ion Ratio Lower Upper  
 101 100  
 103 64.3 49.6 74.4



#8  
 Diethyl Ether  
 Concen: 17.793 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. -0.000 min  
 Lab File: VX030077.D  
 Acq: 14 Jul 2022 21:38

Tgt Ion: 74 Resp: 22027  
 Ion Ratio Lower Upper  
 74 100  
 45 98.5 18.7 168.7

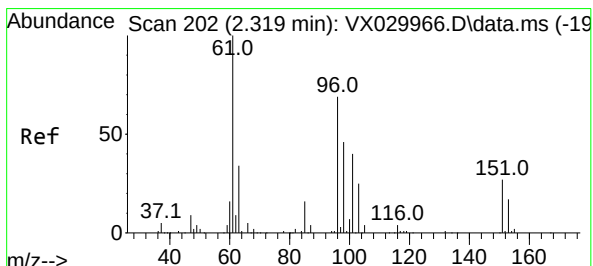
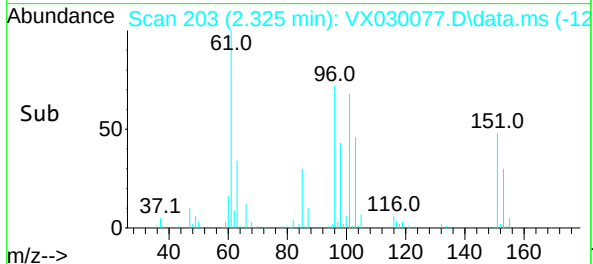
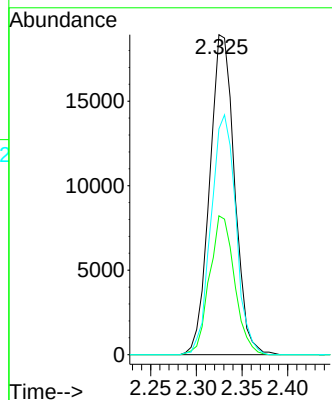
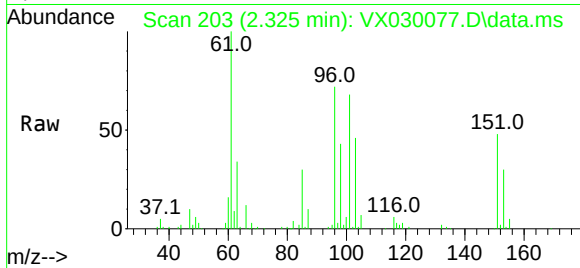




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.326 ug/l  
RT: 2.325 min Scan# 204  
Delta R.T. -0.006 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

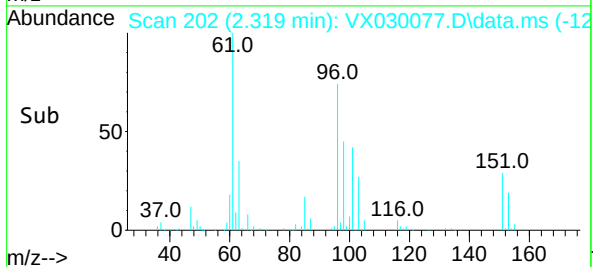
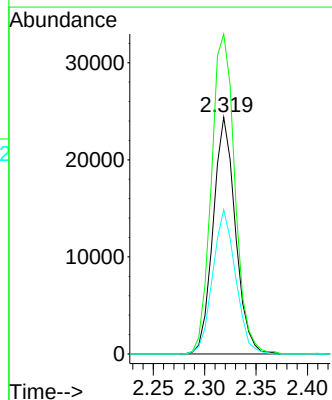
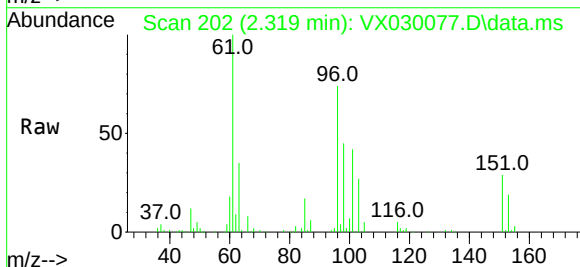
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

Tgt Ion:101 Resp: 35914  
Ion Ratio Lower Upper  
101 100  
85 43.5 0.0 84.6  
151 74.9 0.0 165.4

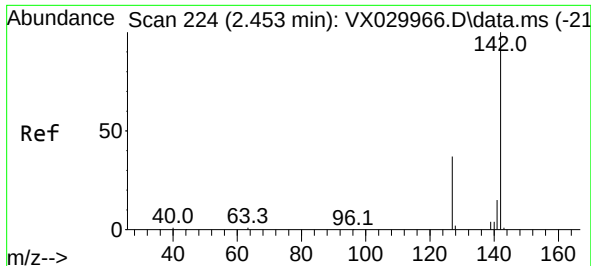


#10  
1,1-Dichloroethene  
Concen: 18.370 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

Tgt Ion: 96 Resp: 36760  
Ion Ratio Lower Upper  
96 100  
61 135.1 122.6 183.8  
98 61.0 50.1 75.1



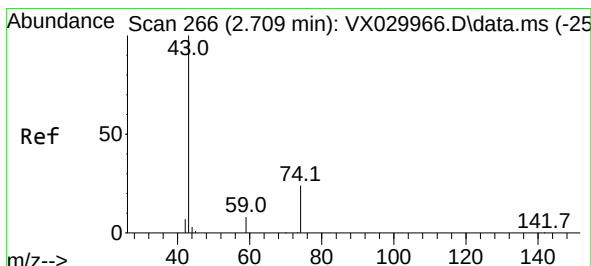
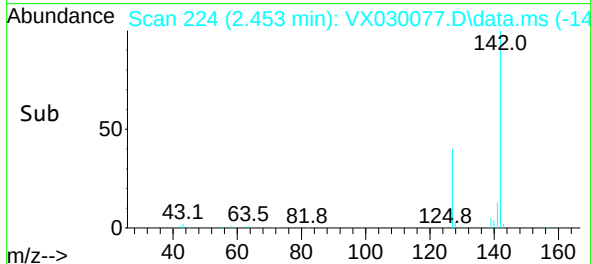
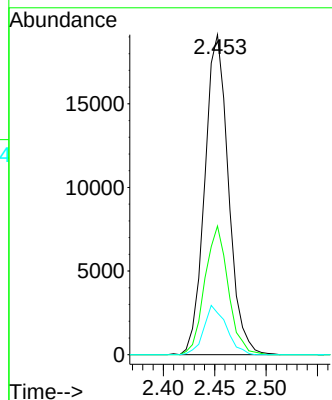
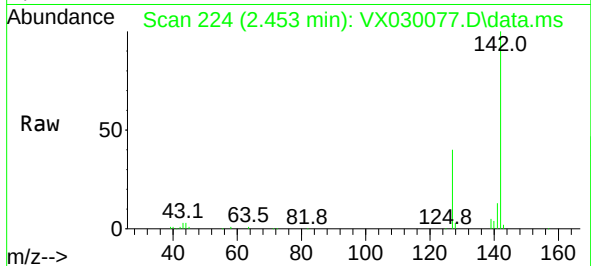




#11  
Methyl Iodide  
Concen: 21.443 ug/l  
RT: 2.453 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

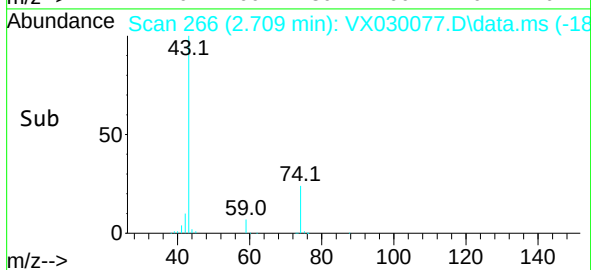
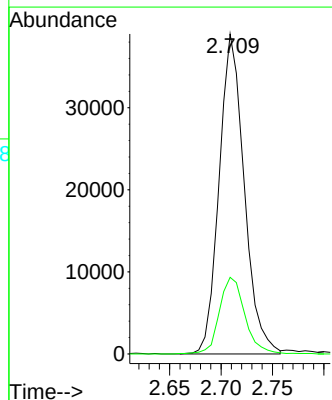
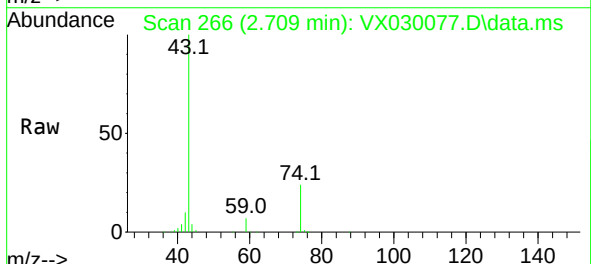
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

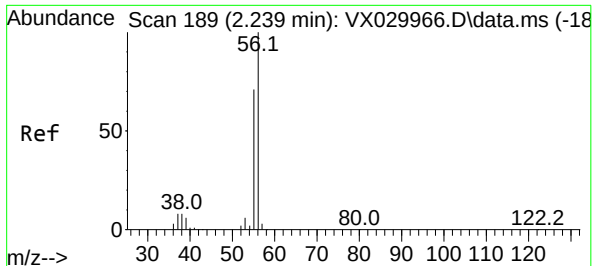
Tgt Ion:142 Resp: 30747  
Ion Ratio Lower Upper  
142 100  
127 40.2 22.3 66.9  
141 13.1 7.0 20.9



#12  
Methyl Acetate  
Concen: 20.264 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

Tgt Ion: 43 Resp: 66039  
Ion Ratio Lower Upper  
43 100  
74 23.8 22.1 33.1

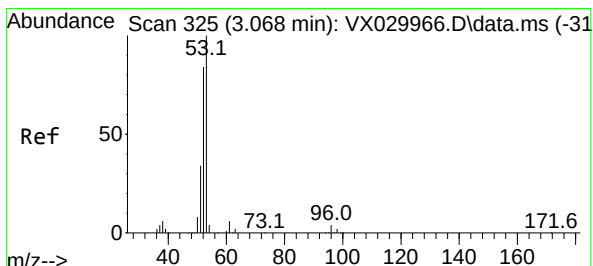
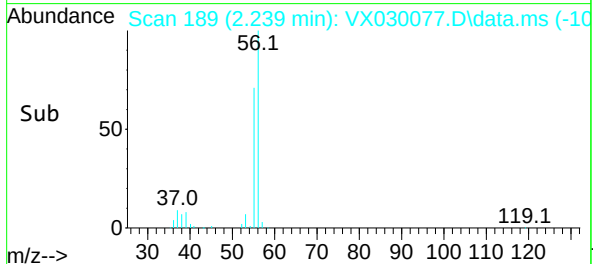
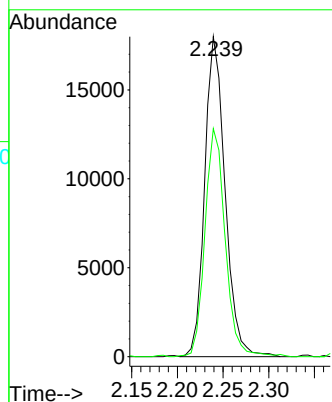
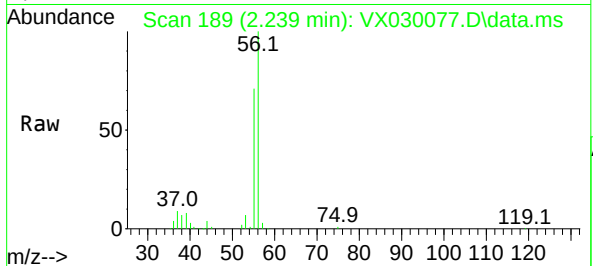




#13  
Acrolein  
Concen: 72.636 ug/l  
RT: 2.239 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

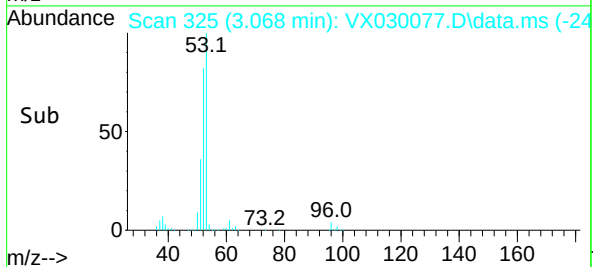
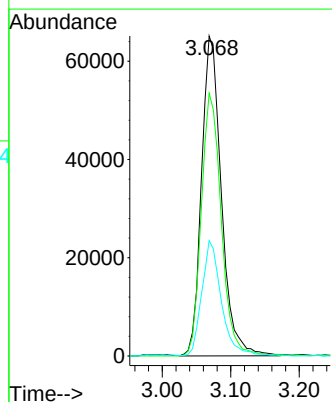
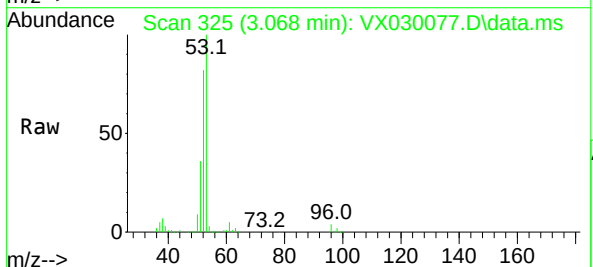
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

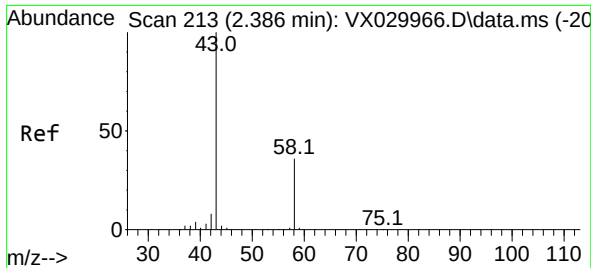
Tgt Ion: 56 Resp: 27809  
Ion Ratio Lower Upper  
56 100  
55 70.6 56.4 84.6



#14  
Acrylonitrile  
Concen: 93.789 ug/l  
RT: 3.068 min Scan# 325  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

Tgt Ion: 53 Resp: 131551  
Ion Ratio Lower Upper  
53 100  
52 82.5 41.5 124.5  
51 34.8 18.1 54.4





#15

Acetone

Concen: 96.301 ug/l

RT: 2.392 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

Instrument :

MSVOA\_X

ClientSampleId :

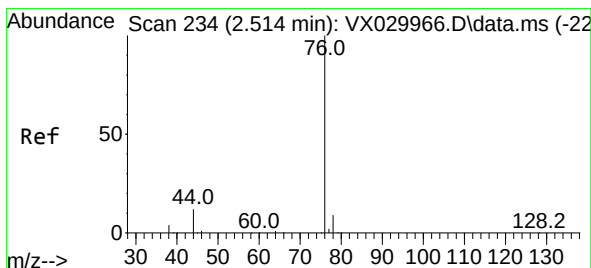
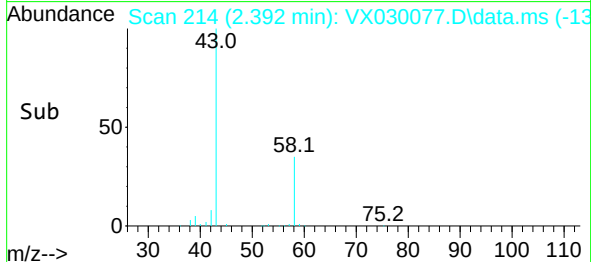
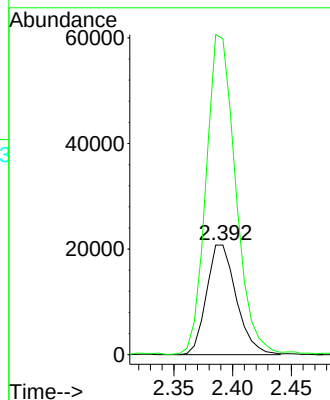
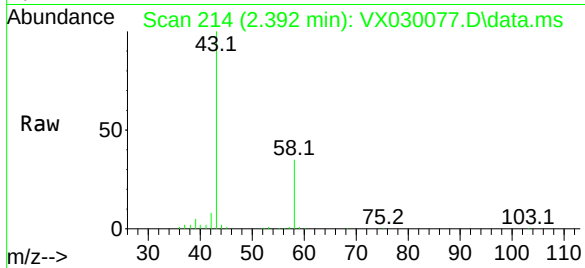
VSTDCCC020EC

Tgt Ion: 58 Resp: 36691

Ion Ratio Lower Upper

58 100

43 286.9 250.2 375.2



#16

Carbon Disulfide

Concen: 16.438 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX030077.D

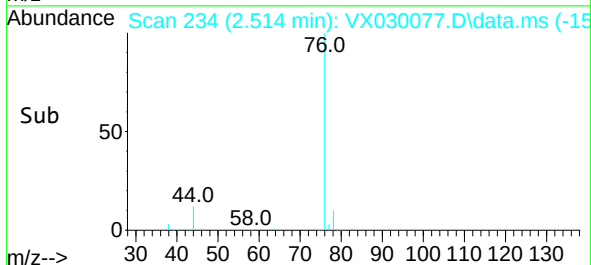
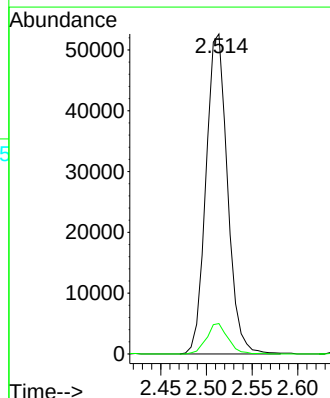
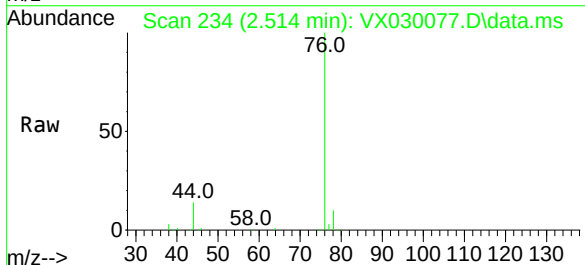
Acq: 14 Jul 2022 21:38

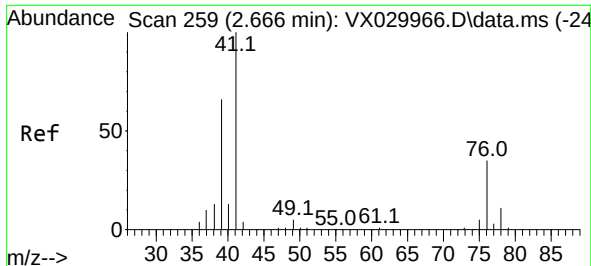
Tgt Ion: 76 Resp: 85866

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7





#17

Allyl chloride

Concen: 17.797 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020EC

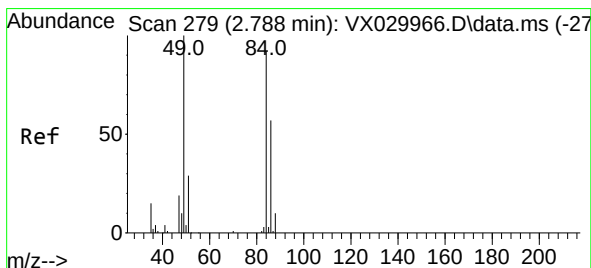
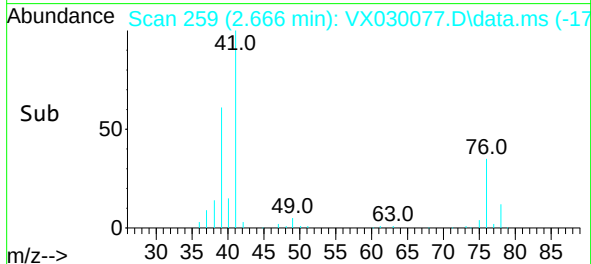
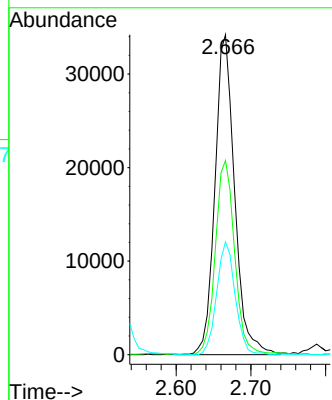
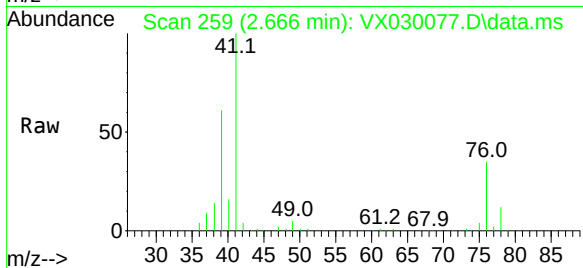
Tgt Ion: 41 Resp: 62761

Ion Ratio Lower Upper

41 100

39 60.5 35.4 106.1

76 35.3 18.4 55.4



#18

Methylene Chloride

Concen: 18.656 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

Tgt Ion: 84 Resp: 43494

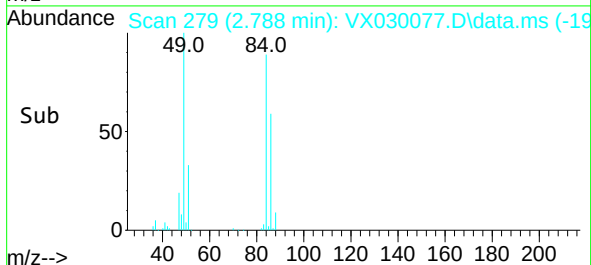
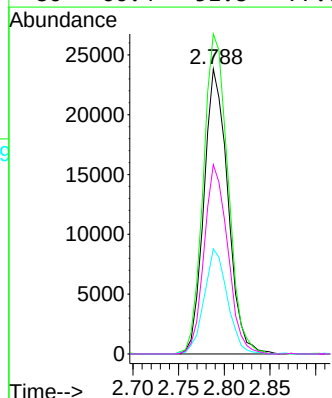
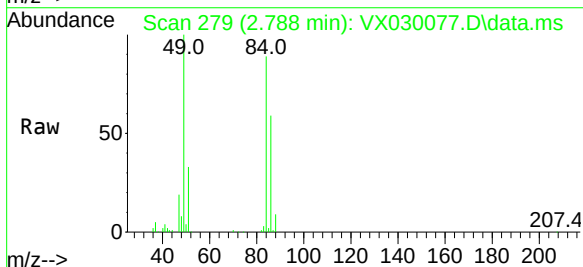
Ion Ratio Lower Upper

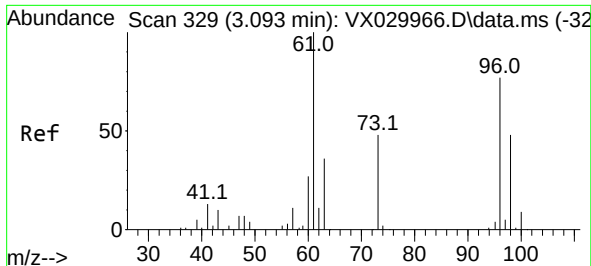
84 100

49 112.3 94.2 141.2

51 36.7 29.2 43.8

86 66.4 51.8 77.6

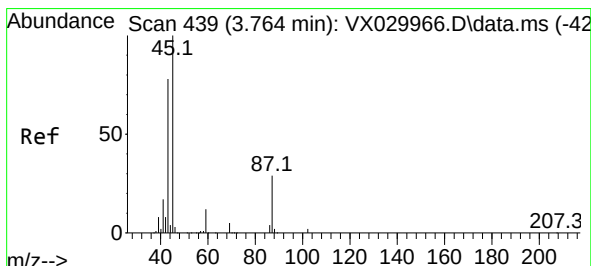
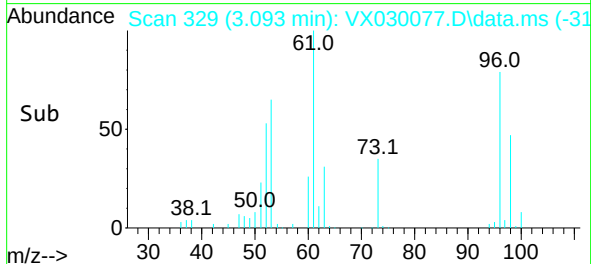
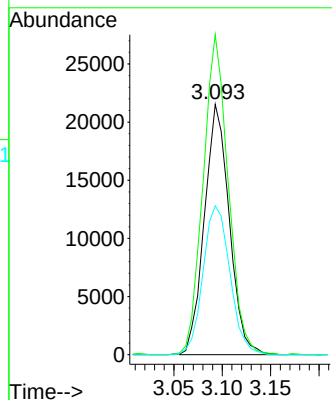
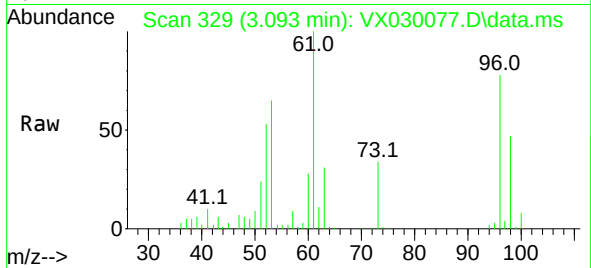




#19  
trans-1,2-Dichloroethene  
Concen: 17.797 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

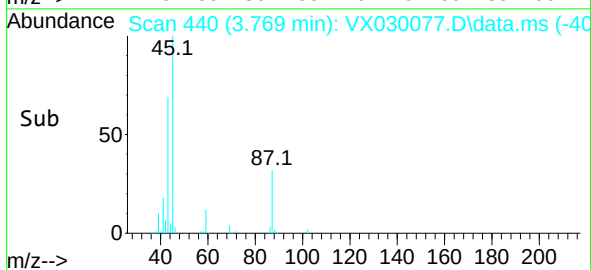
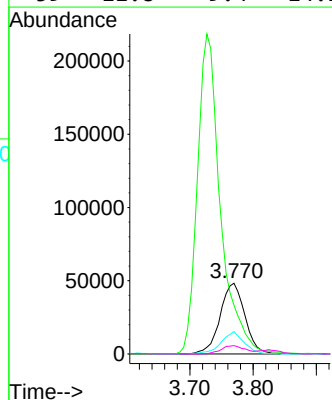
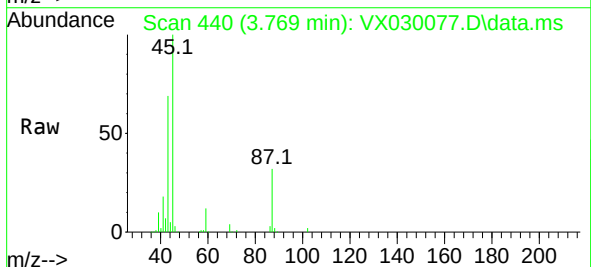
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

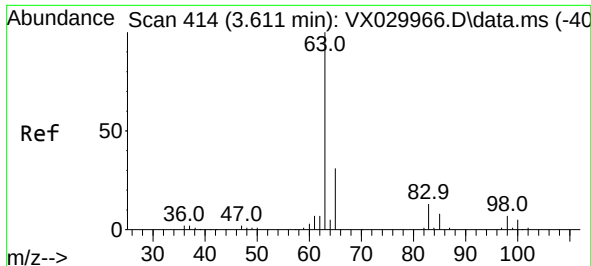
Tgt Ion: 96 Resp: 38647  
Ion Ratio Lower Upper  
96 100  
61 127.8 108.7 163.1  
98 59.5 49.2 73.8



#20  
Diisopropyl ether  
Concen: 18.555 ug/l  
RT: 3.769 min Scan# 440  
Delta R.T. 0.006 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

Tgt Ion: 45 Resp: 131080  
Ion Ratio Lower Upper  
45 100  
43 66.5 70.3 105.5#  
87 31.6 24.5 36.7  
59 11.8 9.4 14.2

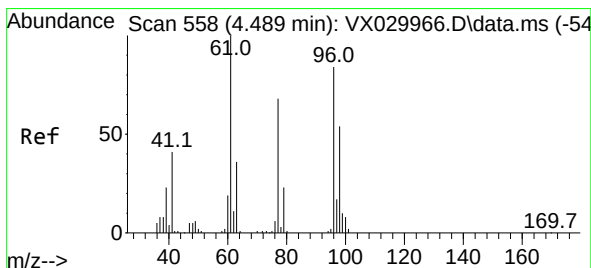
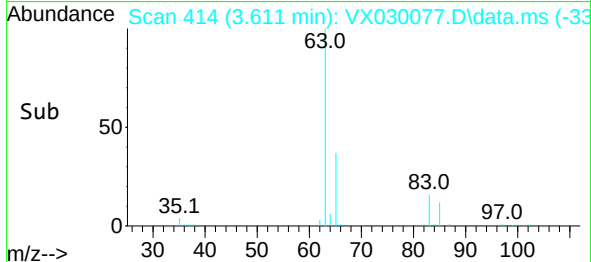
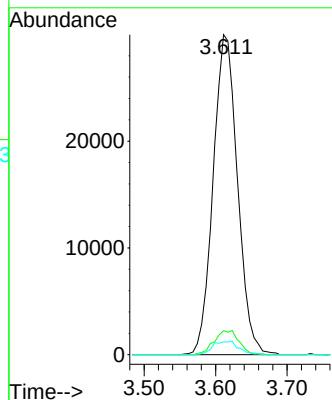
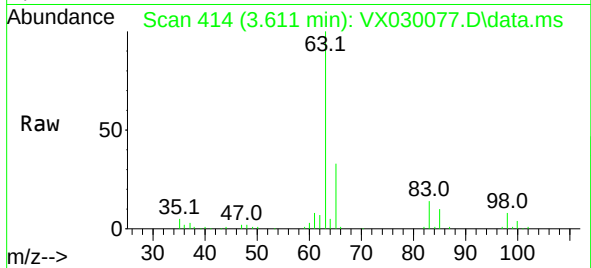




#21  
1,1-Dichloroethane  
Concen: 18.646 ug/l  
RT: 3.611 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

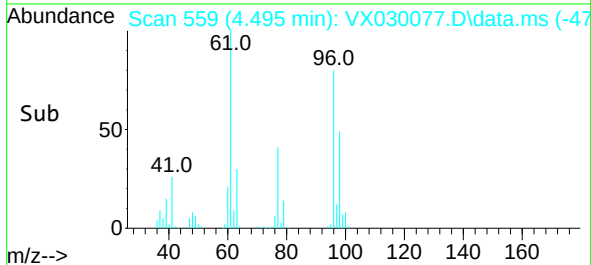
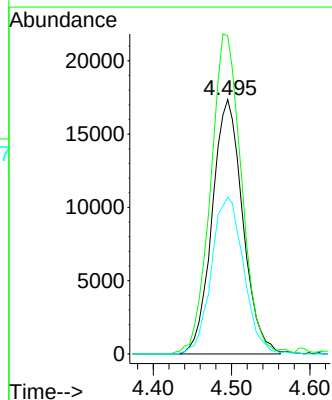
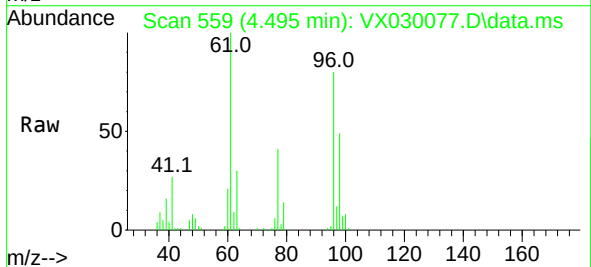
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

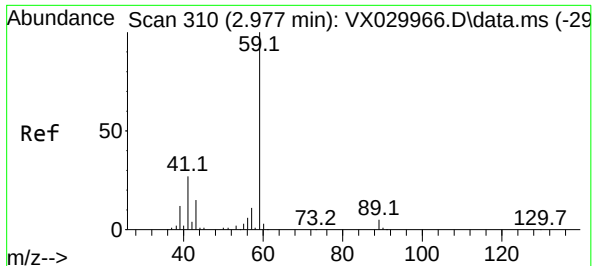
Tgt Ion: 63 Resp: 70915  
Ion Ratio Lower Upper  
63 100  
98 7.5 3.8 11.2  
100 4.0 2.5 7.5



#22  
cis-1,2-Dichloroethene  
Concen: 18.285 ug/l  
RT: 4.495 min Scan# 559  
Delta R.T. 0.006 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

Tgt Ion: 96 Resp: 47149  
Ion Ratio Lower Upper  
96 100  
61 126.8 107.4 161.2  
98 64.6 51.1 76.7





#23

tert-Butyl Alcohol

Concen: 76.376 ug/l

RT: 2.989 min Scan# 310

Delta R.T. 0.012 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

Instrument :

MSVOA\_X

ClientSampleId :

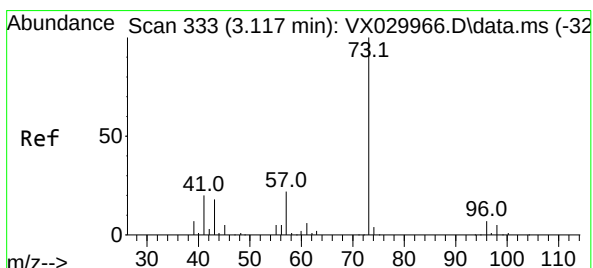
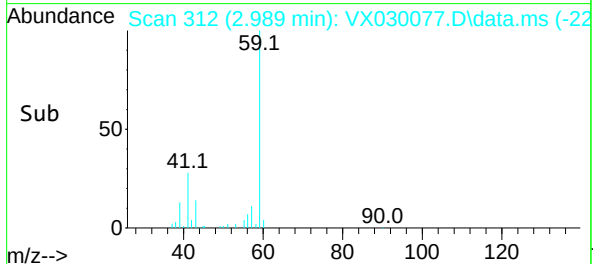
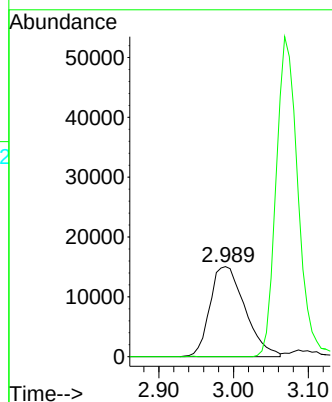
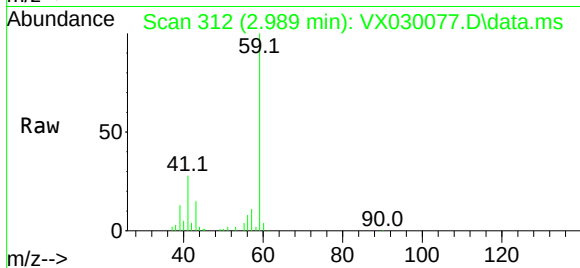
VSTDCCC020EC

Tgt Ion: 59 Resp: 49076

Ion Ratio Lower Upper

59 100

52 0.1 0.0 0.0#



#24

Methyl tert-Butyl Ether

Concen: 18.357 ug/l

RT: 3.117 min Scan# 333

Delta R.T. -0.000 min

Lab File: VX030077.D

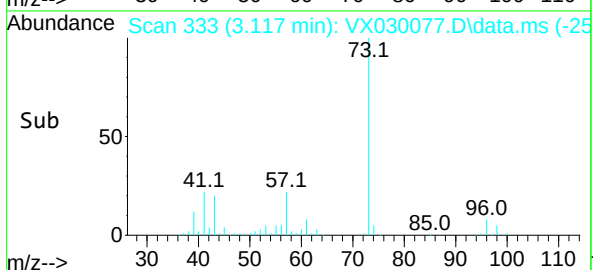
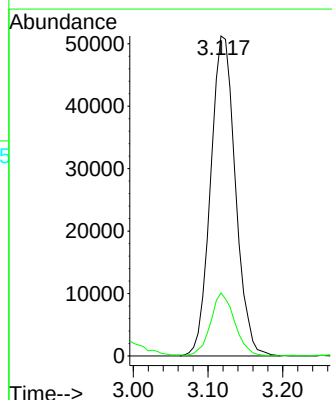
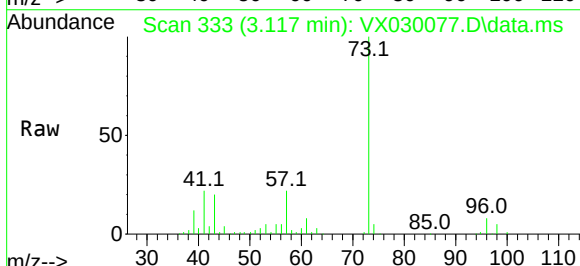
Acq: 14 Jul 2022 21:38

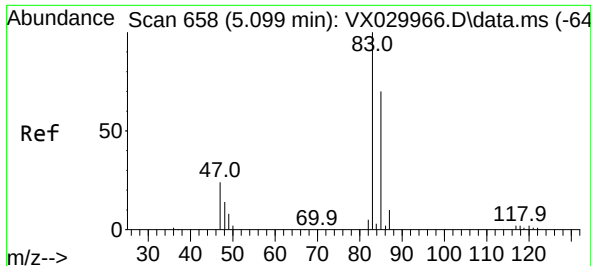
Tgt Ion: 73 Resp: 118503

Ion Ratio Lower Upper

73 100

43 19.2 16.0 24.0





#25

Chloroform

Concen: 19.128 ug/l

RT: 5.099 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

Instrument :

MSVOA\_X

ClientSampleId :

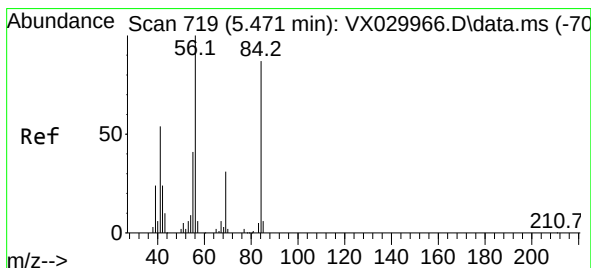
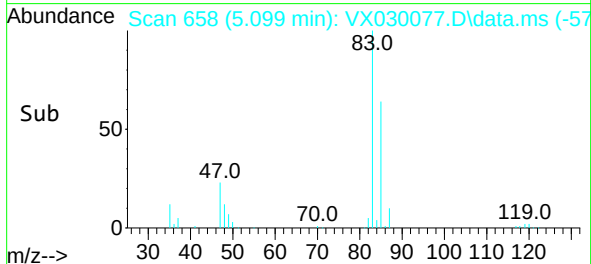
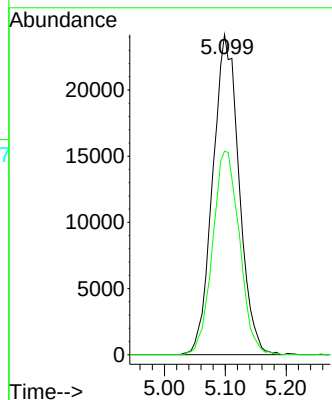
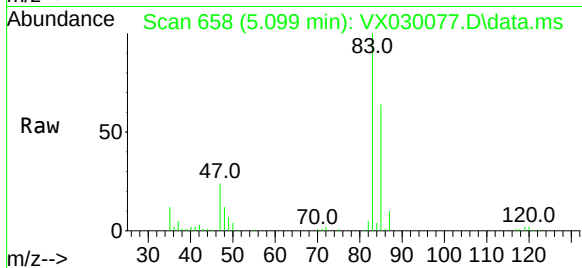
VSTDCCC020EC

Tgt Ion: 83 Resp: 72503

Ion Ratio Lower Upper

83 100

85 63.6 49.9 74.9



#26

Cyclohexane

Concen: 17.830 ug/l

RT: 5.477 min Scan# 720

Delta R.T. 0.006 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

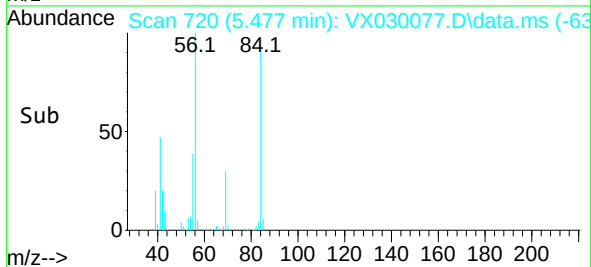
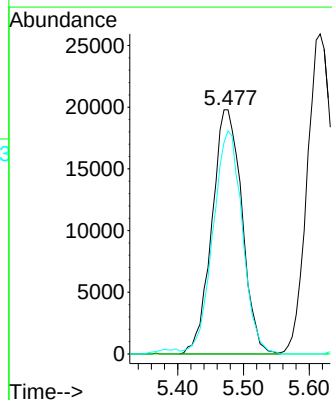
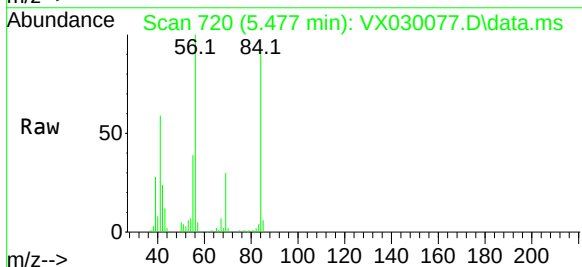
Tgt Ion: 56 Resp: 62827

Ion Ratio Lower Upper

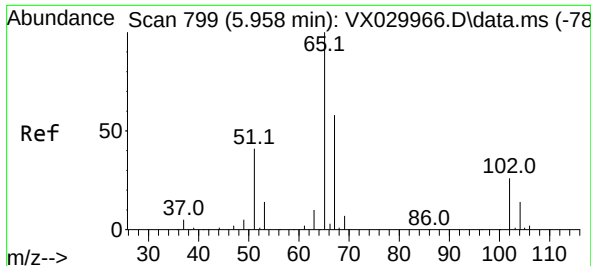
56 100

89 0.0 0.0 0.0

84 89.4 76.2 114.2







#27

1,2-Dichloroethane-d4

Concen: 29.717 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

Instrument :

MSVOA\_X

ClientSampleId :

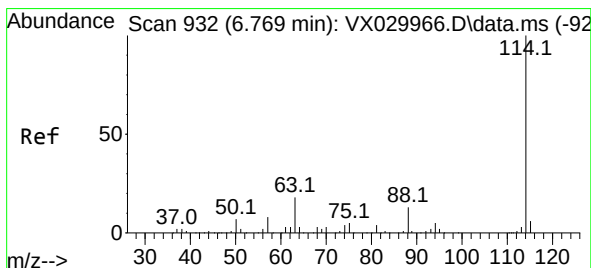
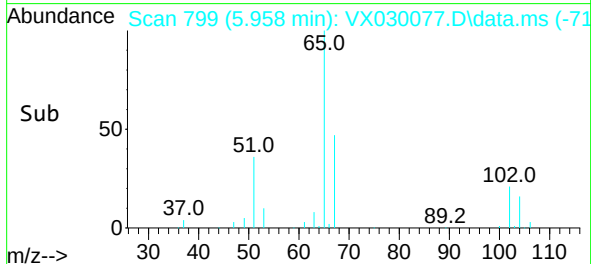
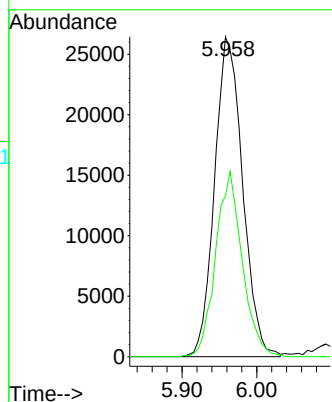
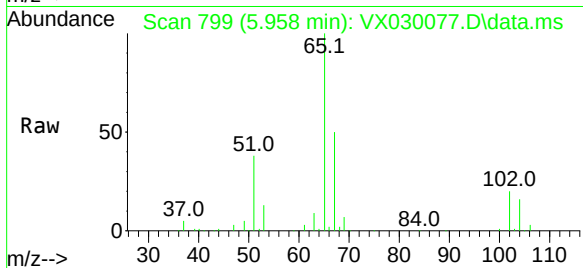
VSTDCCC020EC

Tgt Ion: 65 Resp: 68857

Ion Ratio Lower Upper

65 100

67 55.0 42.3 63.5



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

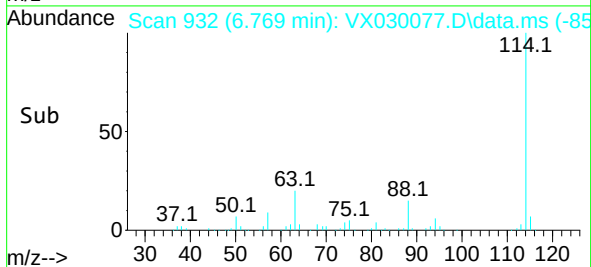
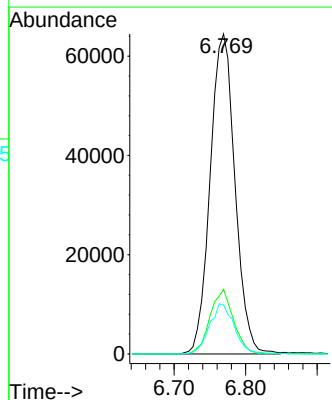
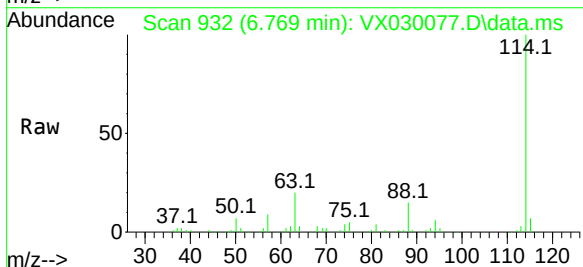
Tgt Ion: 114 Resp: 155469

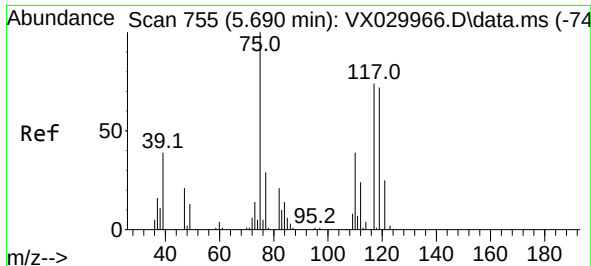
Ion Ratio Lower Upper

114 100

63 19.2 15.3 22.9

88 15.5 12.2 18.4





#29

1,1-Dichloropropene

Concen: 19.295 ug/l

RT: 5.702 min Scan# 71

Delta R.T. 0.012 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020EC

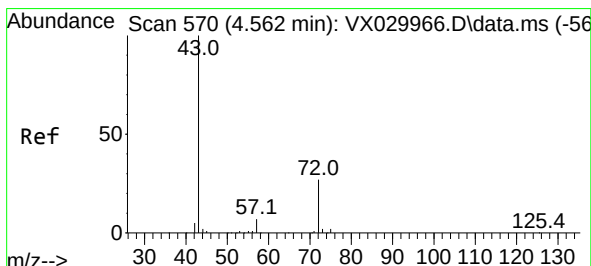
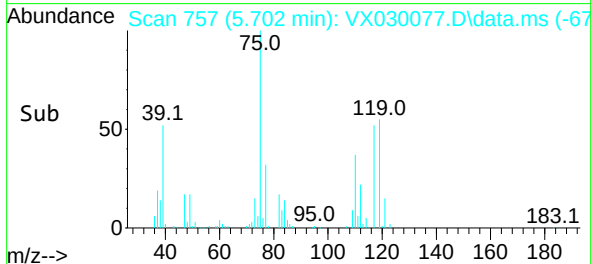
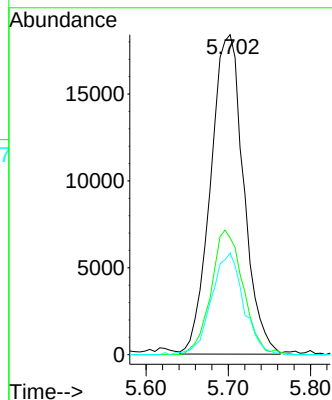
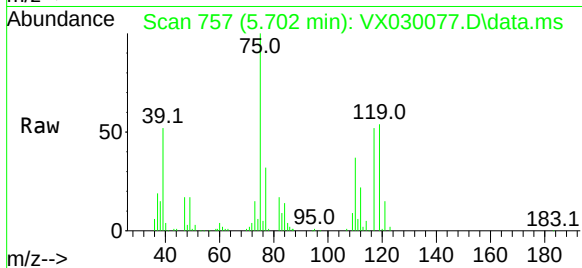
Tgt Ion: 75 Resp: 51316

Ion Ratio Lower Upper

75 100

110 37.5 0.0 73.6

77 30.9 0.0 62.2



#30

2-Butanone

Concen: 100.851 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.006 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

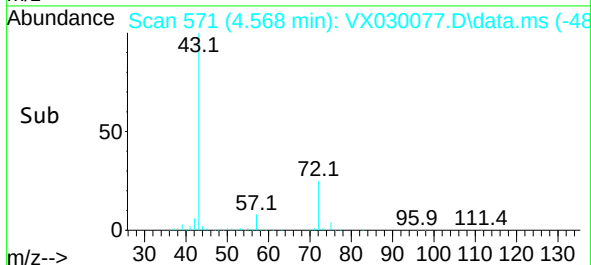
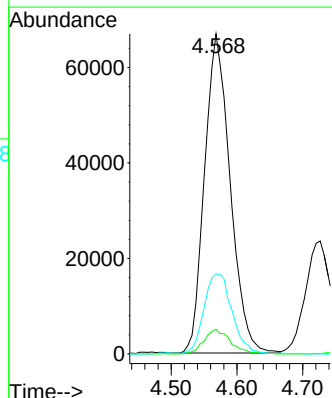
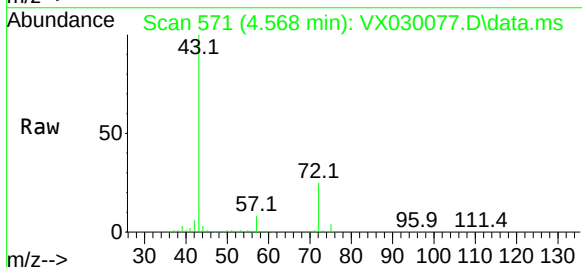
Tgt Ion: 43 Resp: 181041

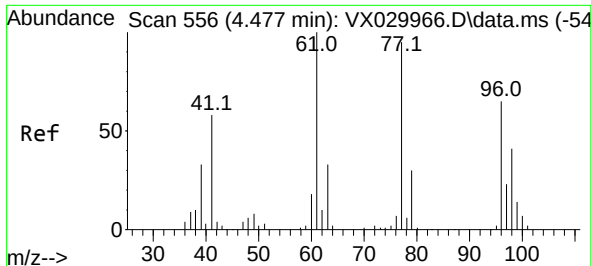
Ion Ratio Lower Upper

43 100

57 7.8 6.6 10.0

72 27.5 22.1 33.1

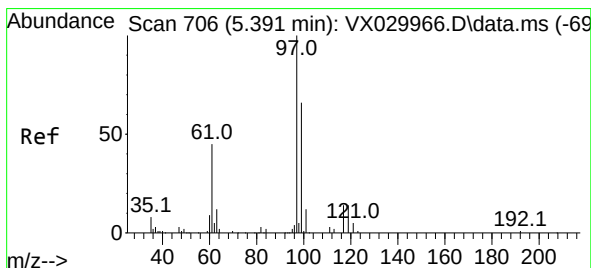
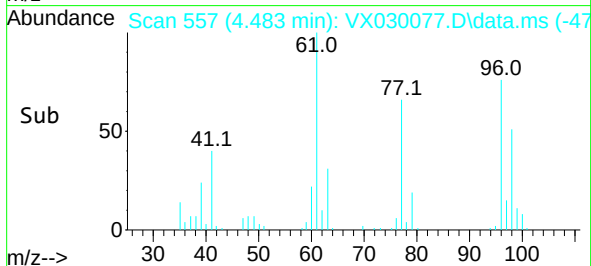
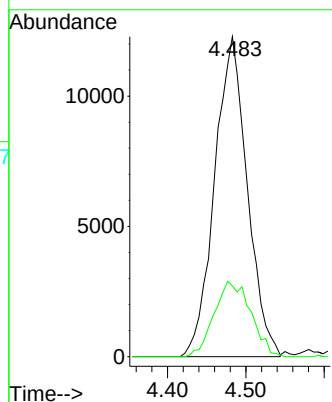
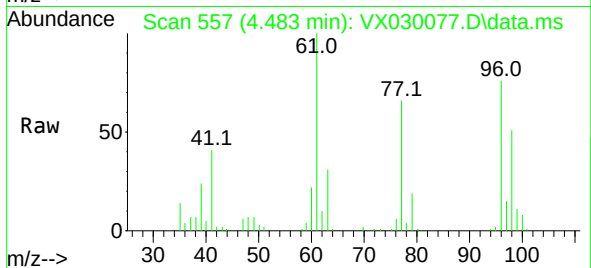




#31  
2,2-Dichloropropane  
Concen: 13.994 ug/l  
RT: 4.483 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

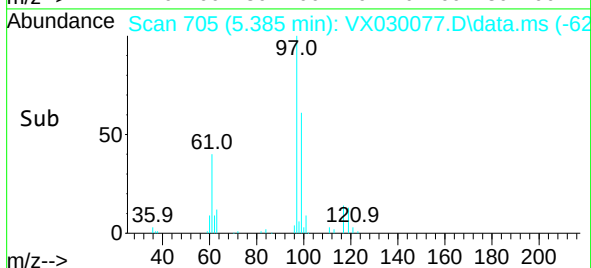
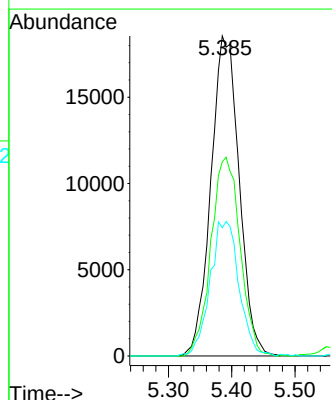
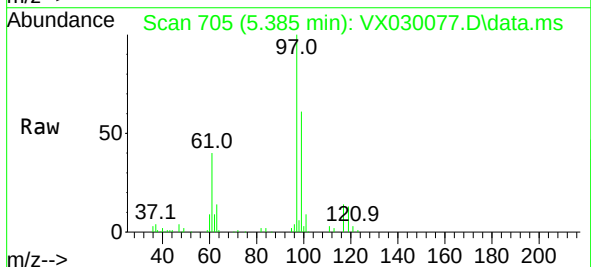
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

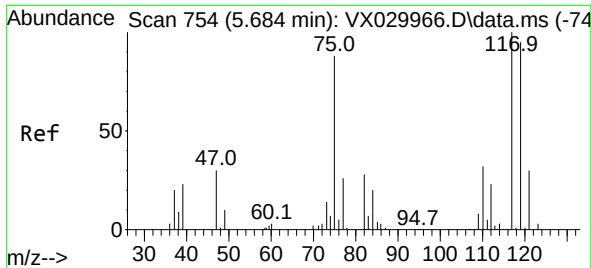
Tgt Ion: 77 Resp: 35573  
Ion Ratio Lower Upper  
77 100  
97 16.9 18.4 27.6#



#32  
1,1,1-Trichloroethane  
Concen: 20.126 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

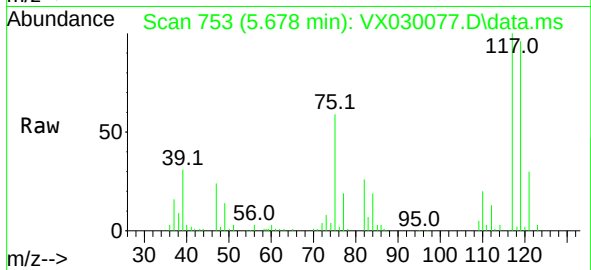
Tgt Ion: 97 Resp: 57555  
Ion Ratio Lower Upper  
97 100  
99 64.0 51.8 77.8  
61 20.9 33.4 50.0#



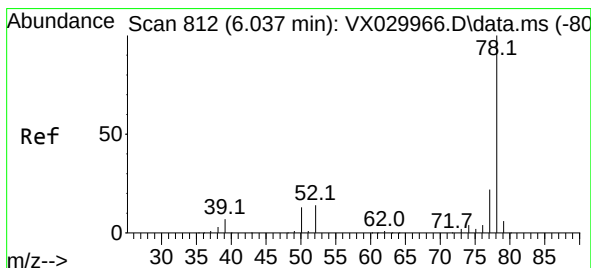
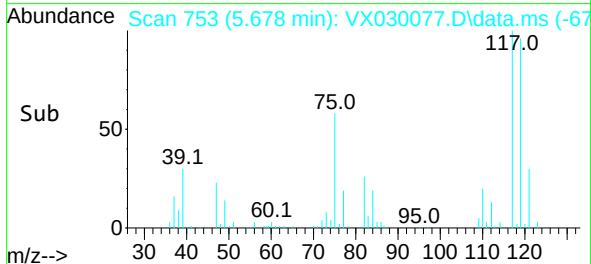
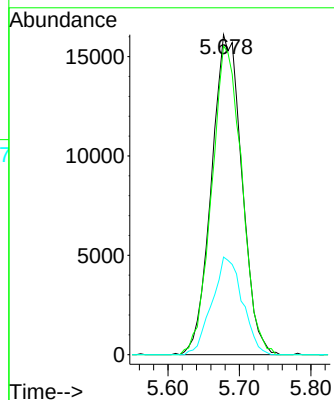


#33  
Carbon Tetrachloride  
Concen: 19.815 ug/l  
RT: 5.678 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

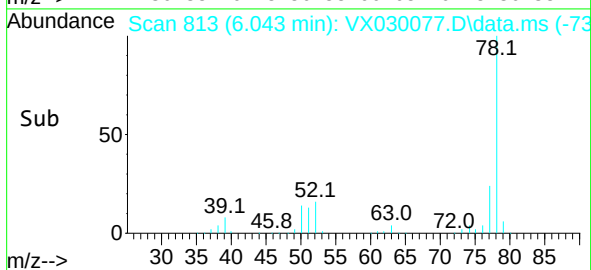
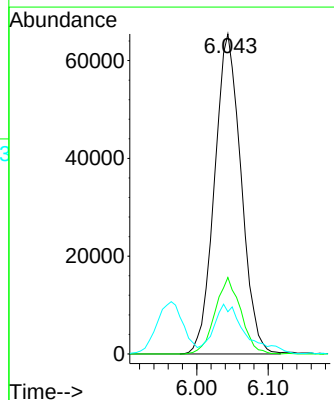
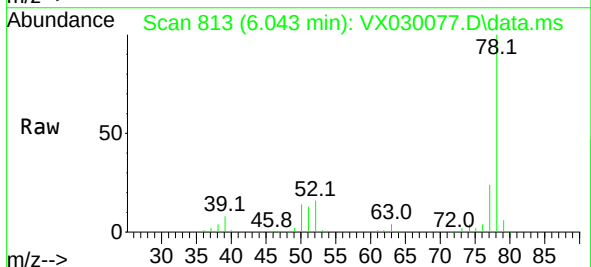


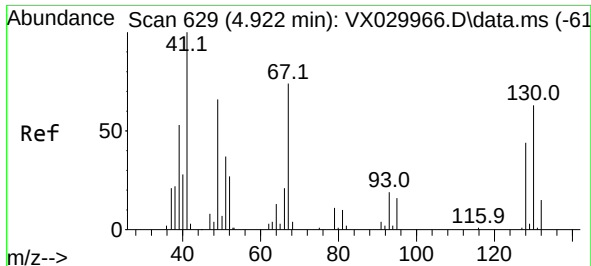
Tgt Ion:117 Resp: 47592  
Ion Ratio Lower Upper  
117 100  
119 96.4 75.3 112.9  
121 30.5 24.1 36.1



#34  
Benzene  
Concen: 19.723 ug/l  
RT: 6.043 min Scan# 813  
Delta R.T. 0.006 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

Tgt Ion: 78 Resp: 168567  
Ion Ratio Lower Upper  
78 100  
77 23.9 18.5 27.7  
51 11.4 12.9 19.3#



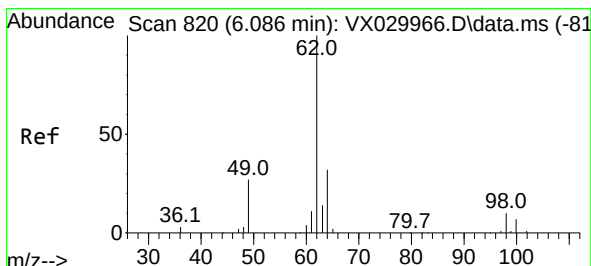
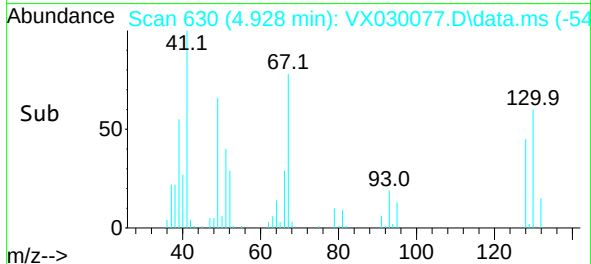
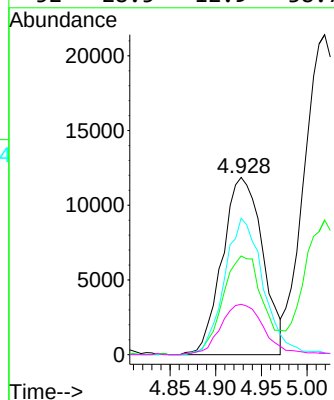
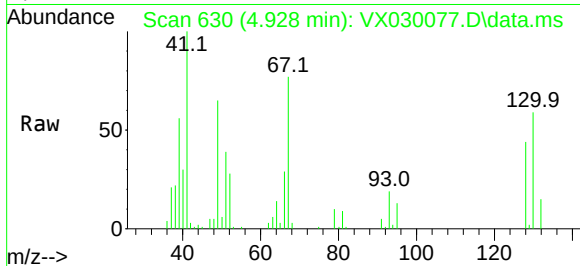


#35  
Methacrylonitrile  
Concen: 20.105 ug/l  
RT: 4.928 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

Tgt Ion: 41 Resp: 36531

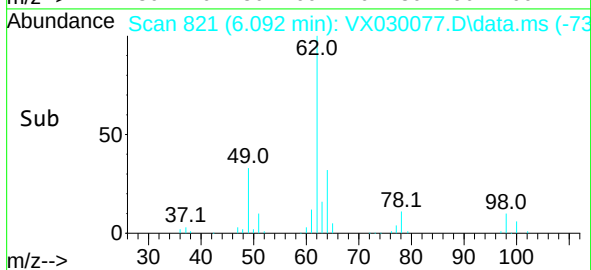
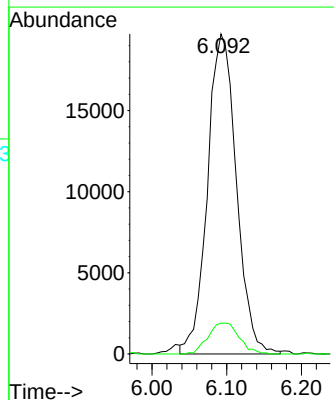
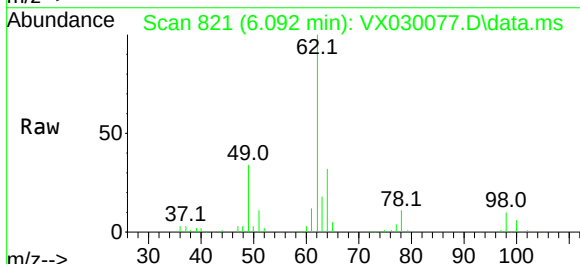
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 55.7  | 27.0  | 81.0  |
| 67  | 77.0  | 33.3  | 99.8  |
| 52  | 28.5  | 12.9  | 38.7  |

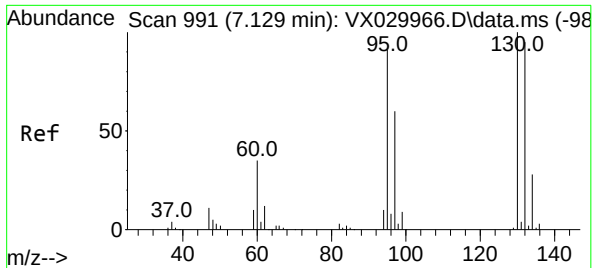


#36  
1,2-Dichloroethane  
Concen: 20.340 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. 0.006 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

Tgt Ion: 62 Resp: 52918

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 10.4  | 7.4   | 11.0  |

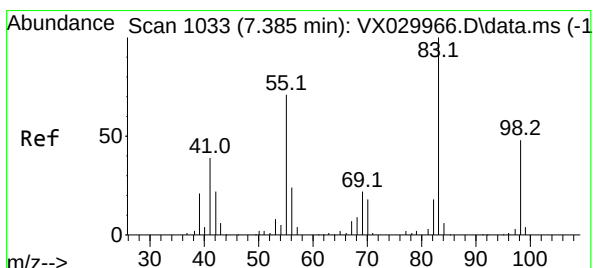
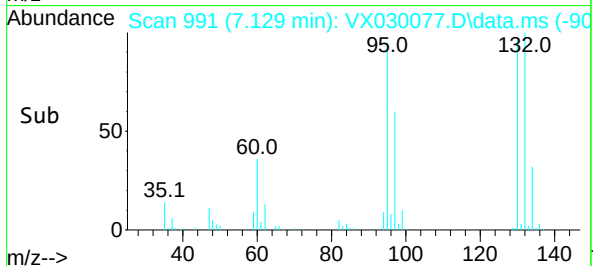
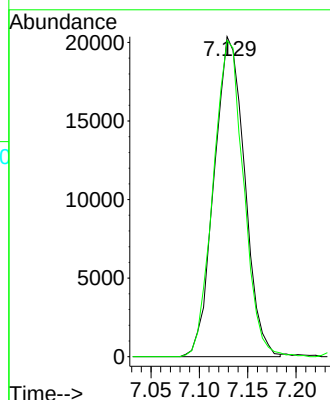
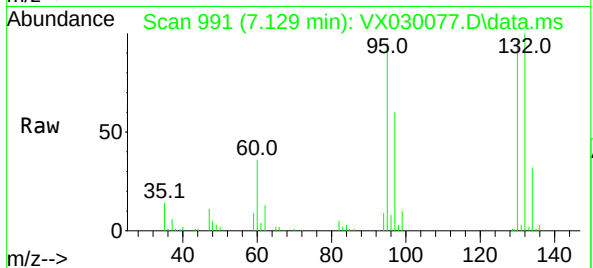




#37  
Trichloroethene  
Concen: 19.558 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

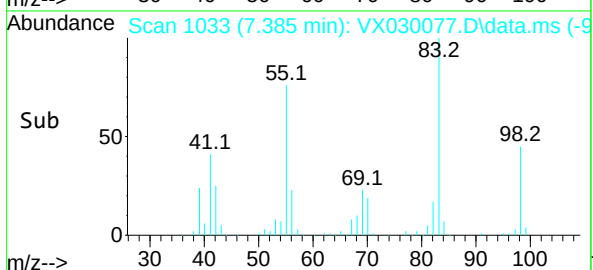
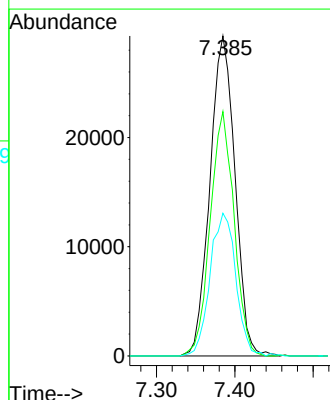
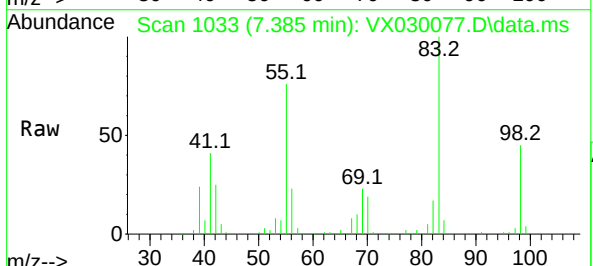
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

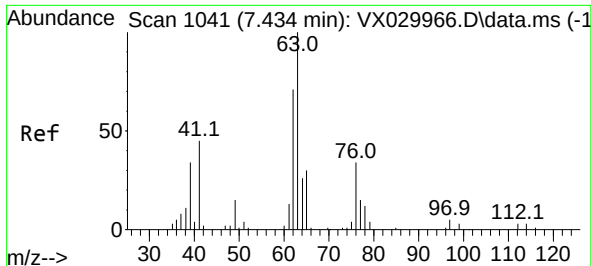
Tgt Ion:130 Resp: 44705  
Ion Ratio Lower Upper  
130 100  
95 98.8 76.5 114.7



#38  
Methylcyclohexane  
Concen: 18.922 ug/l  
RT: 7.385 min Scan# 1033  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

Tgt Ion: 83 Resp: 65298  
Ion Ratio Lower Upper  
83 100  
55 72.7 37.0 110.9  
98 45.5 25.9 77.8





#39

1,2-Dichloropropane

Concen: 19.082 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

Instrument :

MSVOA\_X

ClientSampleId :

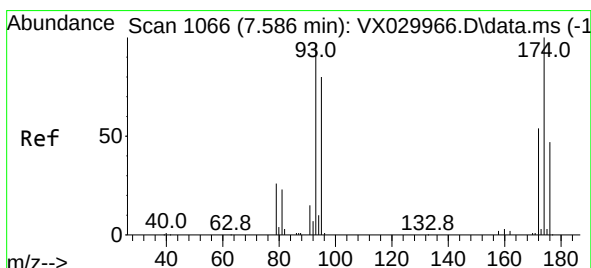
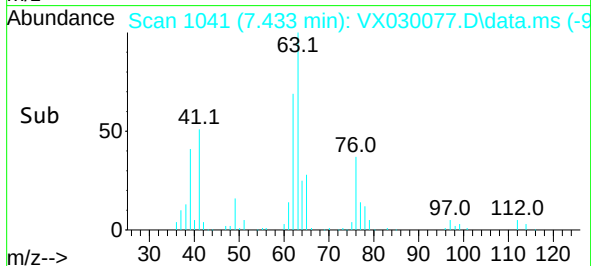
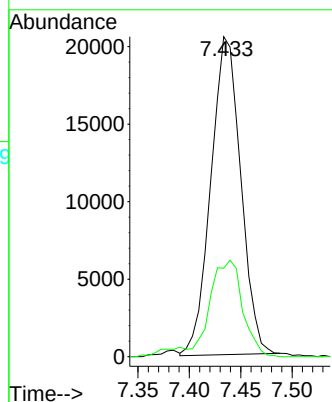
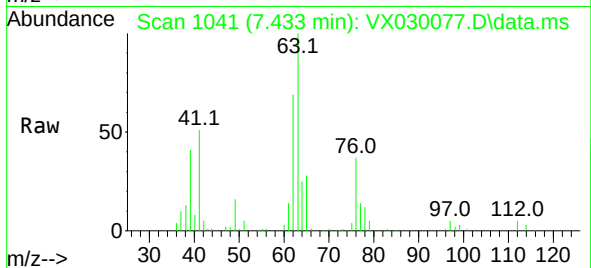
VSTDCCC020EC

Tgt Ion: 63 Resp: 41515

Ion Ratio Lower Upper

63 100

65 27.9 25.4 38.2



#40

Dibromomethane

Concen: 19.669 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

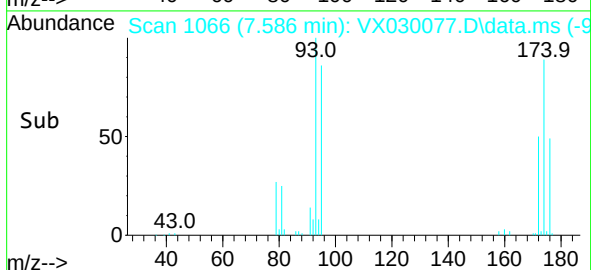
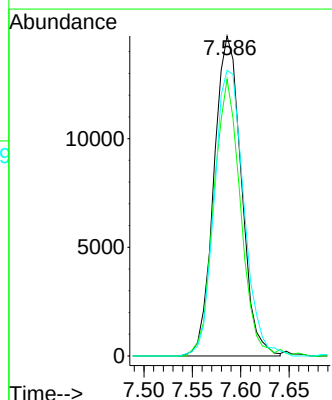
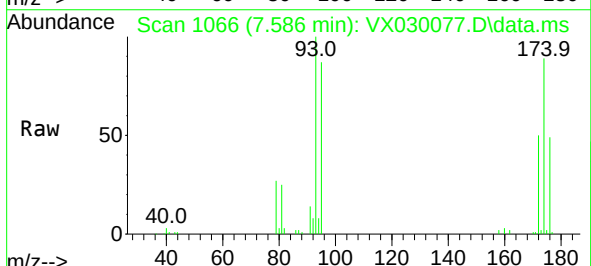
Tgt Ion: 93 Resp: 29007

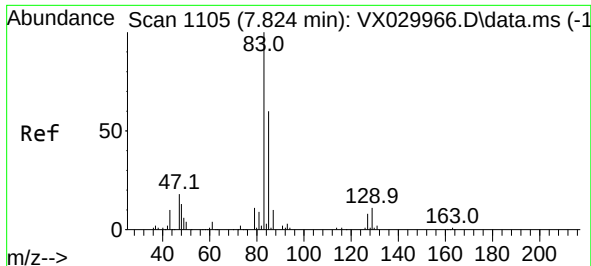
Ion Ratio Lower Upper

93 100

95 83.7 0.0 168.8

174 96.1 0.0 220.8

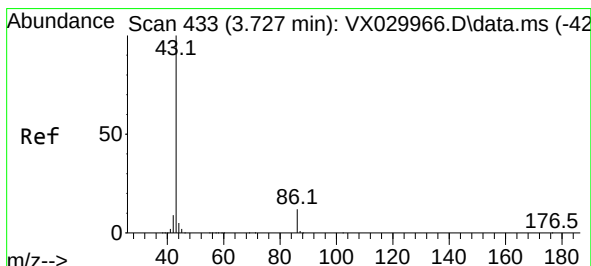
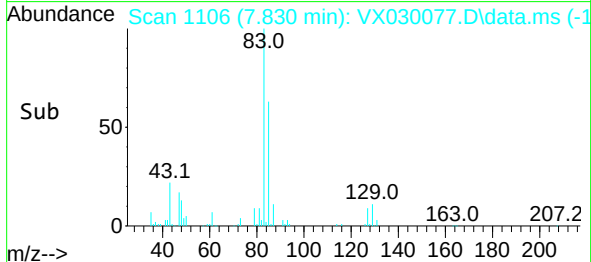
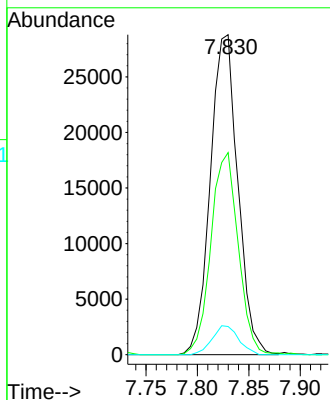
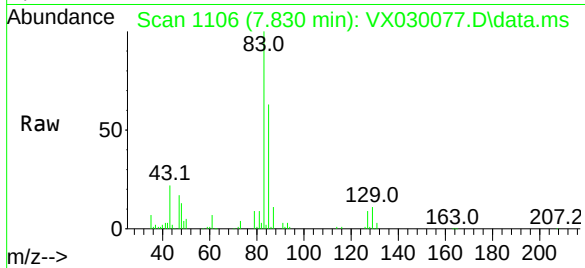




#41  
Bromodichloromethane  
Concen: 20.332 ug/l  
RT: 7.830 min Scan# 1105  
Delta R.T. 0.006 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

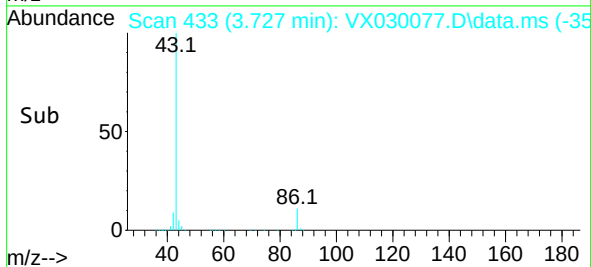
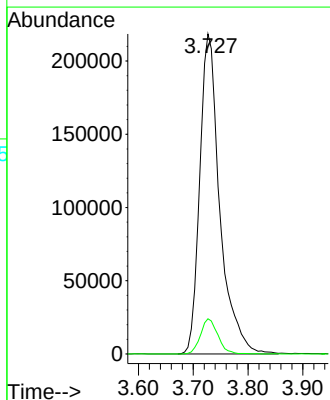
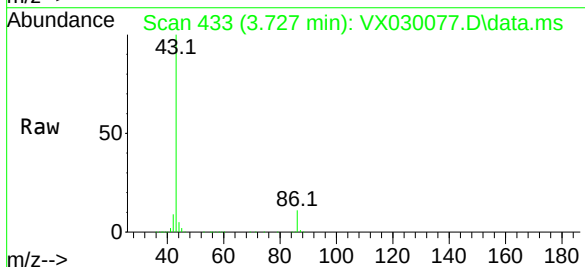
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

Tgt Ion: 83 Resp: 53560  
Ion Ratio Lower Upper  
83 100  
85 63.1 50.6 75.8  
127 8.8 7.0 10.6

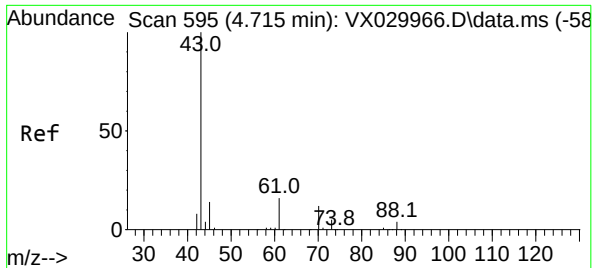


#42  
Vinyl Acetate  
Concen: 96.719 ug/l  
RT: 3.727 min Scan# 433  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

Tgt Ion: 43 Resp: 555236  
Ion Ratio Lower Upper  
43 100  
86 9.5 8.5 12.7



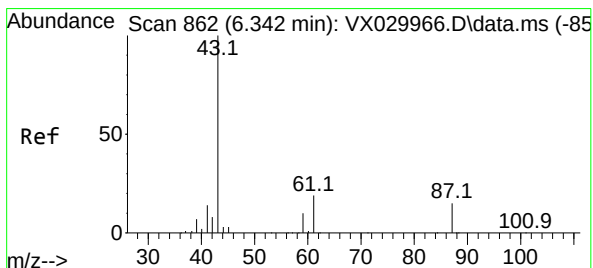
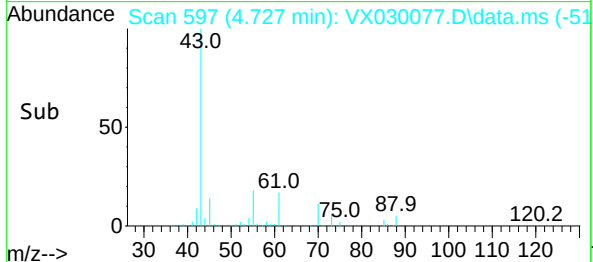
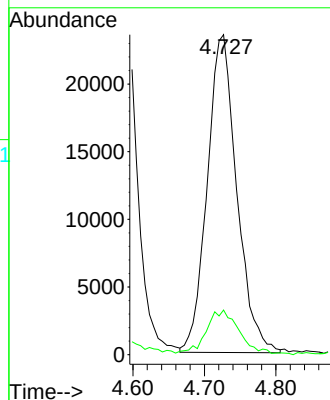
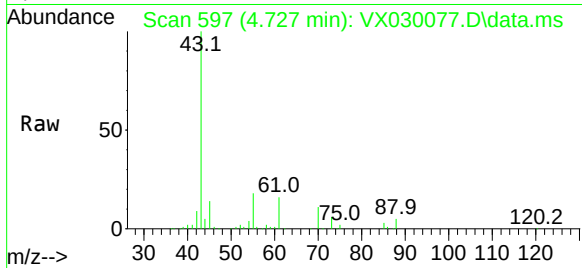




#43  
Ethyl Acetate  
Concen: 19.966 ug/l  
RT: 4.727 min Scan# 596  
Delta R.T. 0.012 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

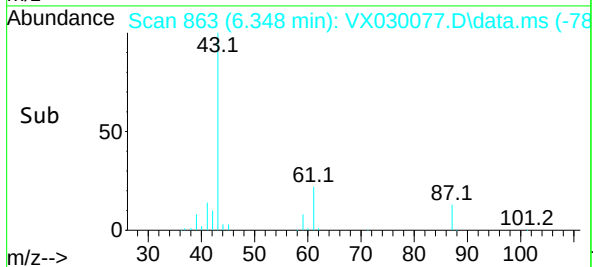
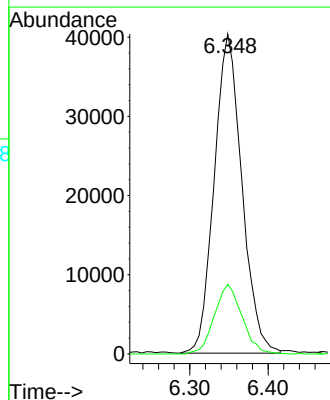
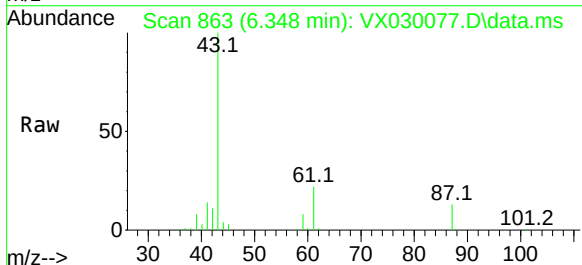
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

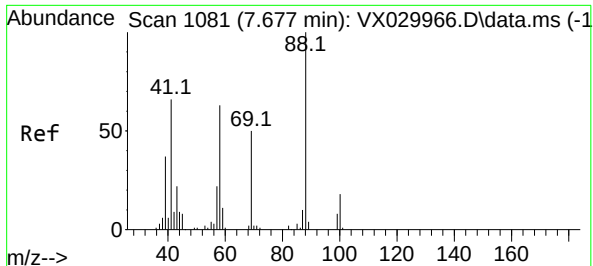
Tgt Ion: 43 Resp: 67514  
Ion Ratio Lower Upper  
43 100  
45 14.2 11.8 17.6



#44  
Isopropyl Acetate  
Concen: 19.241 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. 0.006 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

Tgt Ion: 43 Resp: 98838  
Ion Ratio Lower Upper  
43 100  
61 21.8 17.0 25.4

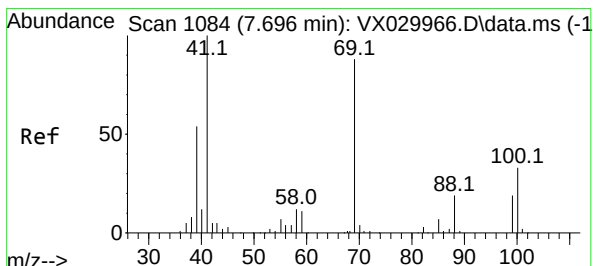
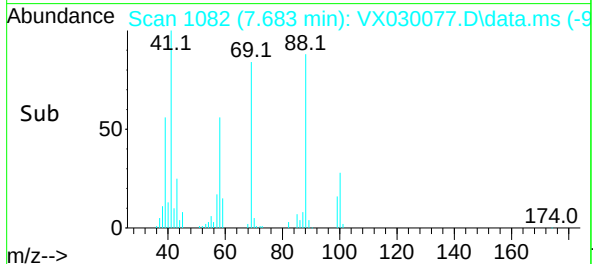
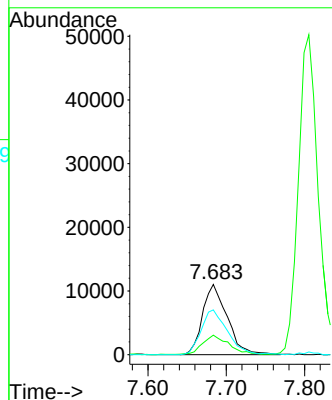
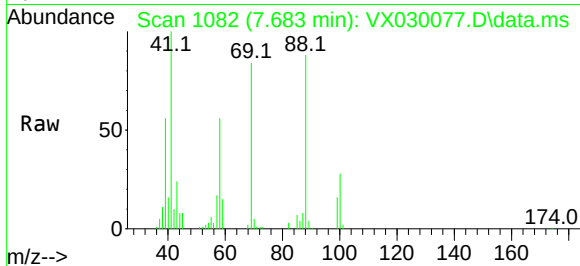




#45  
1,4-Dioxane  
Concen: 399.664 ug/l  
RT: 7.683 min Scan# 1082  
Delta R.T. 0.006 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

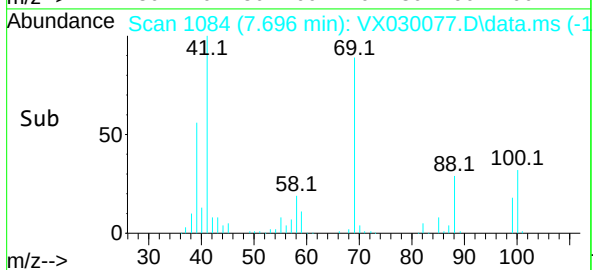
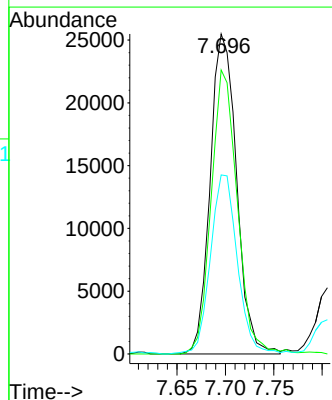
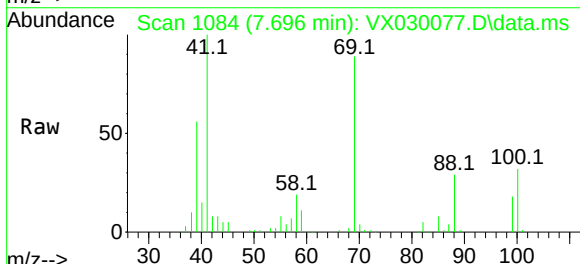
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

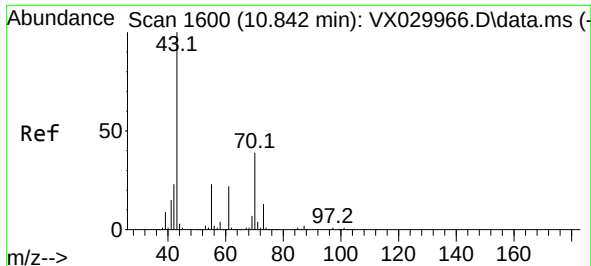
Tgt Ion: 88 Resp: 24101  
Ion Ratio Lower Upper  
88 100  
43 28.6 25.8 38.6  
58 67.6 54.8 82.2



#46  
Methyl methacrylate  
Concen: 19.874 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

Tgt Ion: 41 Resp: 48381  
Ion Ratio Lower Upper  
41 100  
69 88.7 41.9 125.8  
39 55.5 27.5 82.5

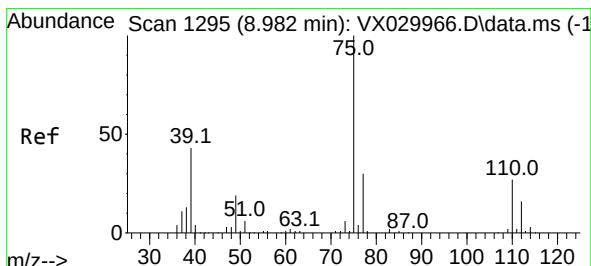
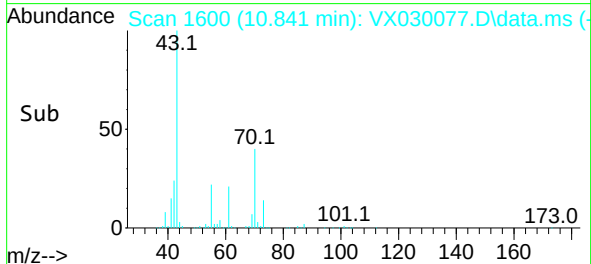
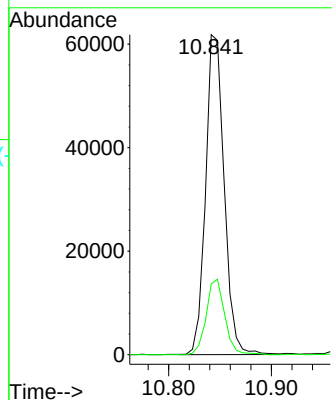
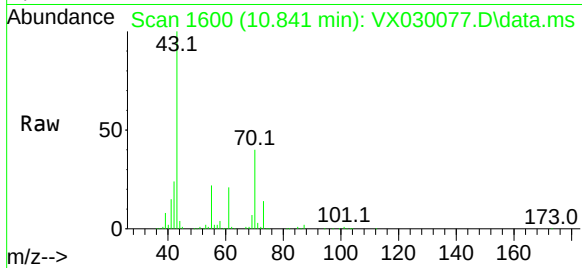




#47  
n-amy1 Acetate  
Concen: 17.639 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

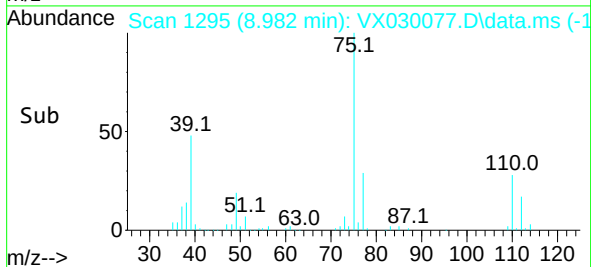
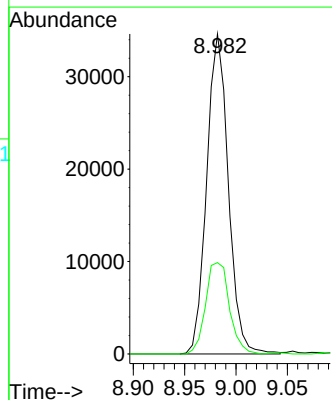
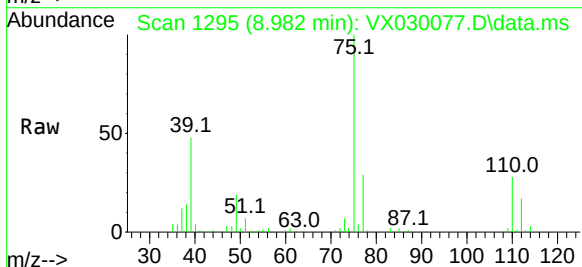
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

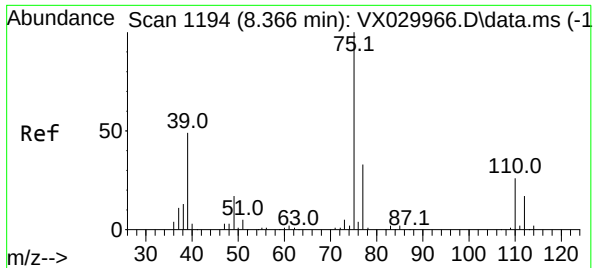
Tgt Ion: 43 Resp: 77841  
Ion Ratio Lower Upper  
43 100  
55 23.5 20.4 30.6



#48  
t-1,3-Dichloropropene  
Concen: 17.457 ug/l  
RT: 8.982 min Scan# 1295  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

Tgt Ion: 75 Resp: 50821  
Ion Ratio Lower Upper  
75 100  
77 28.6 26.6 40.0





#49

cis-1,3-Dichloropropene

Concen: 17.721 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020EC

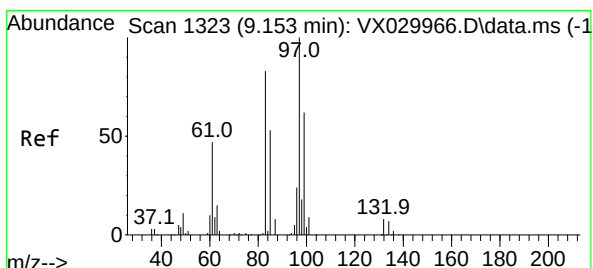
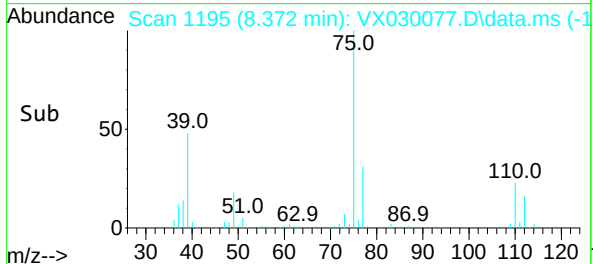
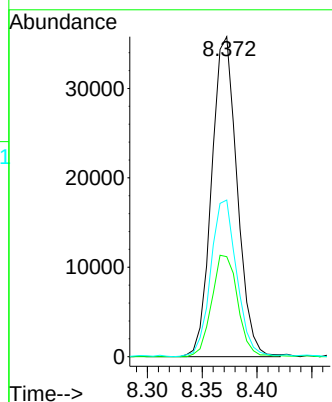
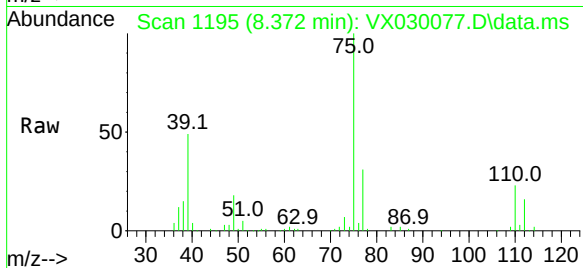
Tgt Ion: 75 Resp: 57932

Ion Ratio Lower Upper

75 100

77 31.2 25.2 37.8

39 48.8 37.4 56.0



#50

1,1,2-Trichloroethane

Concen: 20.385 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

Tgt Ion: 97 Resp: 44537

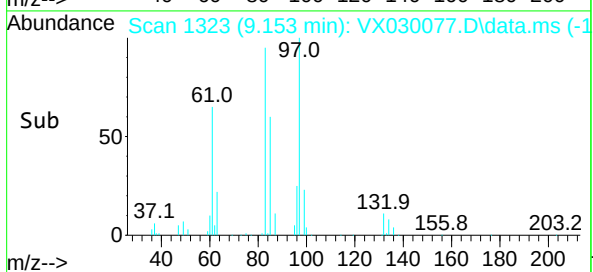
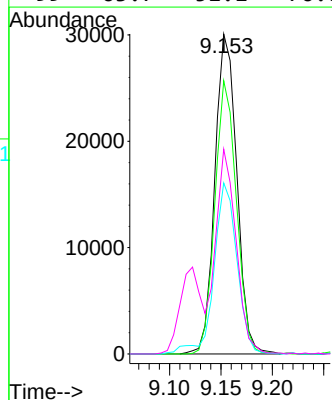
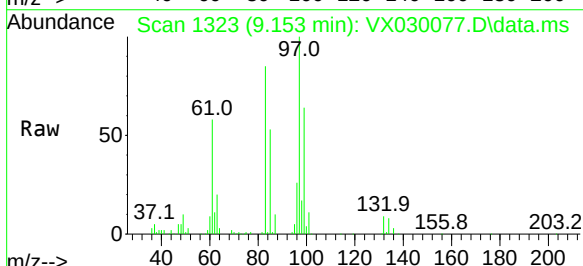
Ion Ratio Lower Upper

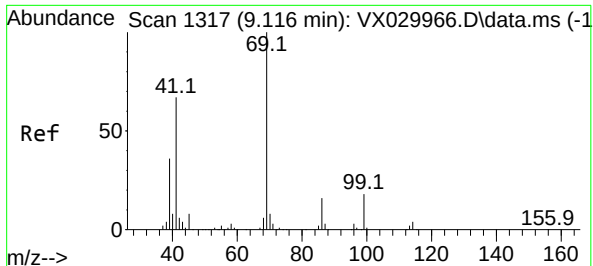
97 100

83 85.4 66.2 99.4

85 53.5 40.4 60.6

99 63.7 51.1 76.7

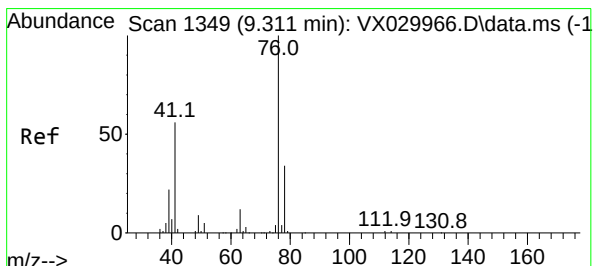
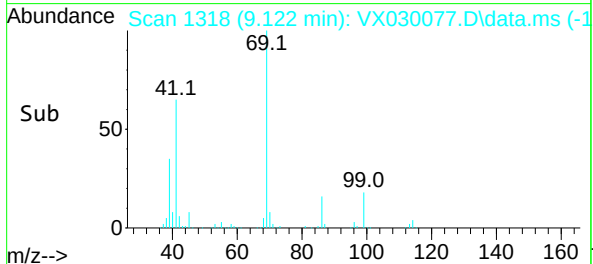
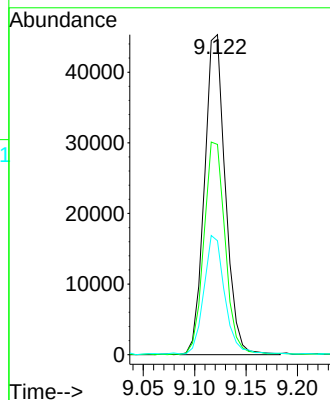
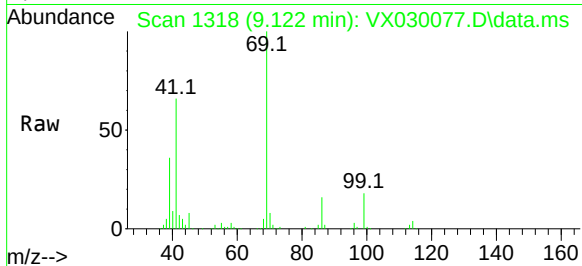




#51  
Ethyl methacrylate  
Concen: 18.940 ug/l  
RT: 9.122 min Scan# 1317  
Delta R.T. 0.006 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

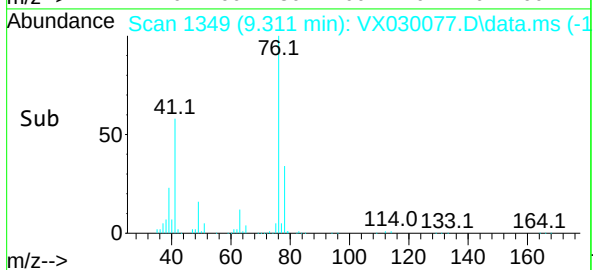
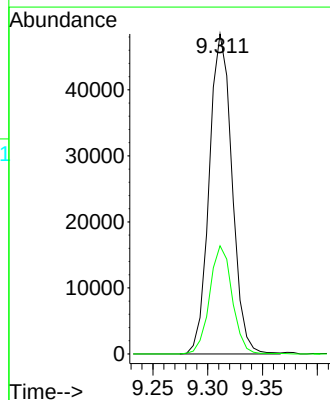
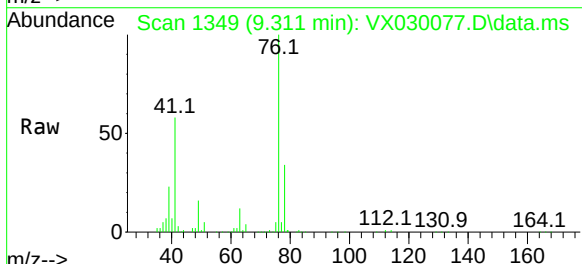
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

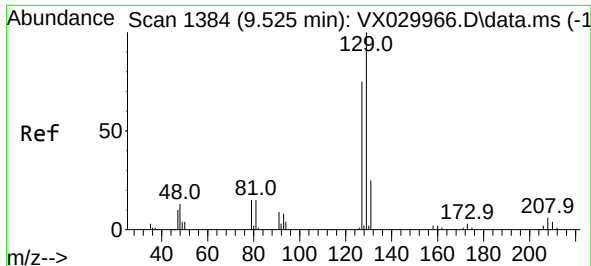
Tgt Ion: 69 Resp: 64393  
Ion Ratio Lower Upper  
69 100  
41 65.7 32.1 96.5  
39 35.4 18.3 54.9



#52  
1,3-Dichloropropane  
Concen: 19.949 ug/l  
RT: 9.311 min Scan# 1349  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

Tgt Ion: 76 Resp: 70110  
Ion Ratio Lower Upper  
76 100  
78 33.3 0.0 64.4

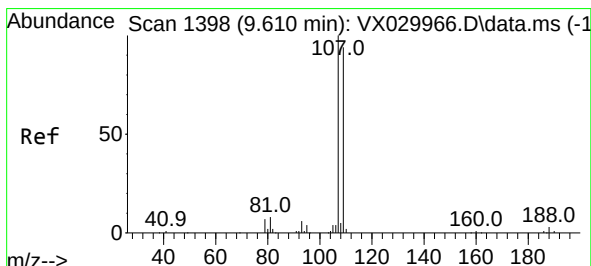
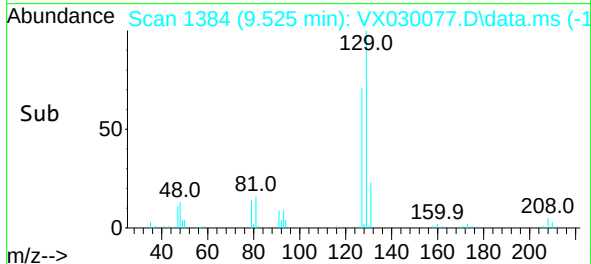
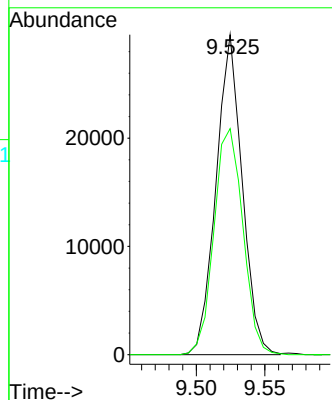
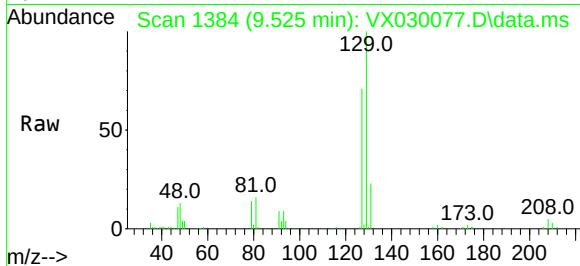




#53  
Dibromochloromethane  
Concen: 19.407 ug/l  
RT: 9.525 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

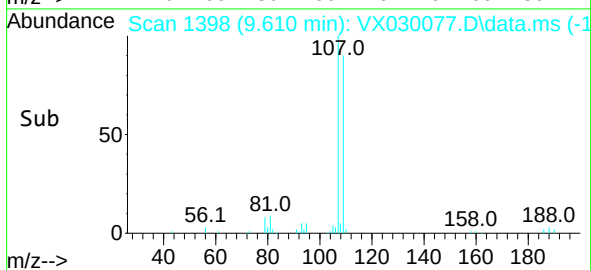
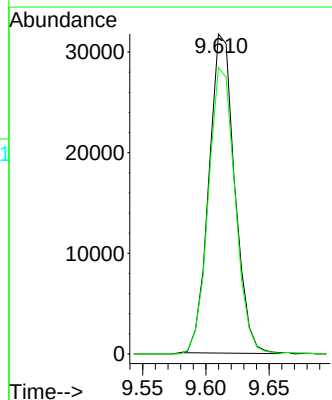
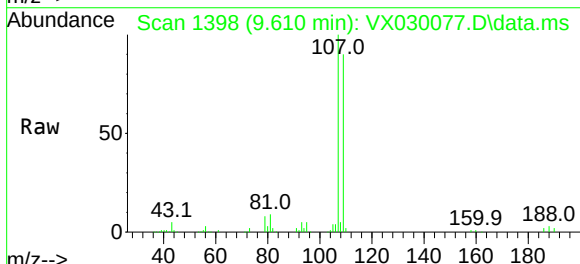
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

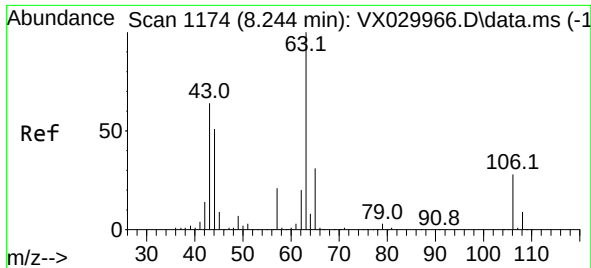
Tgt Ion:129 Resp: 39245  
Ion Ratio Lower Upper  
129 100  
127 78.1 38.4 115.1



#54  
1,2-Dibromoethane  
Concen: 19.834 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

Tgt Ion:107 Resp: 45000  
Ion Ratio Lower Upper  
107 100  
109 92.8 76.2 114.4

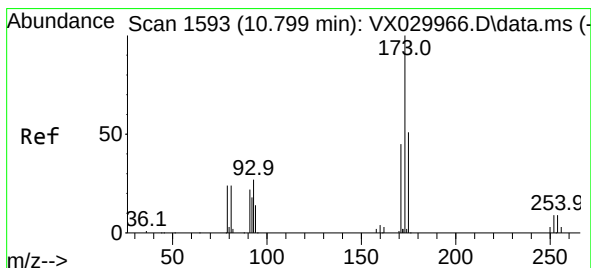
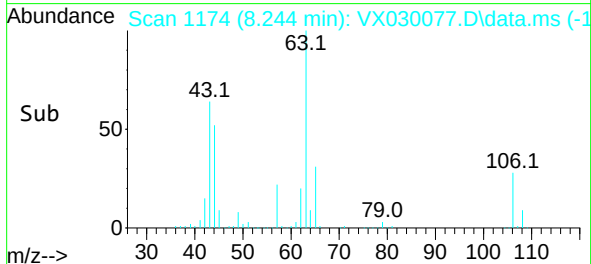
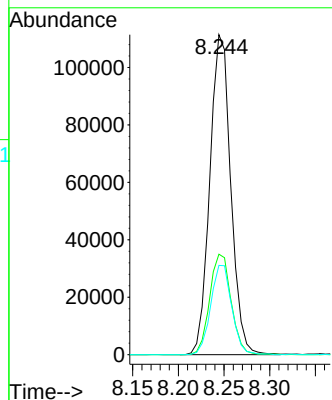
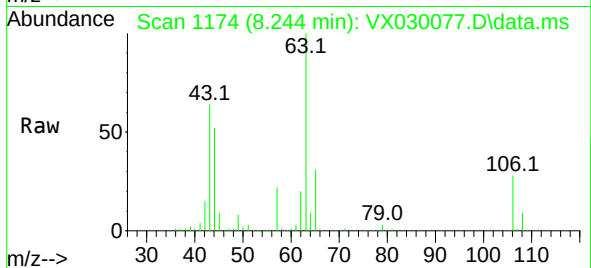




#55  
2-Chloroethyl vinyl ether  
Concen: 101.214 ug/l  
RT: 8.244 min Scan# 1174  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

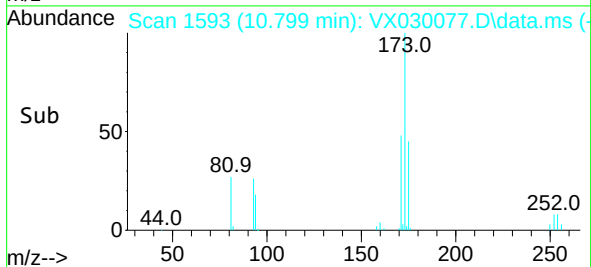
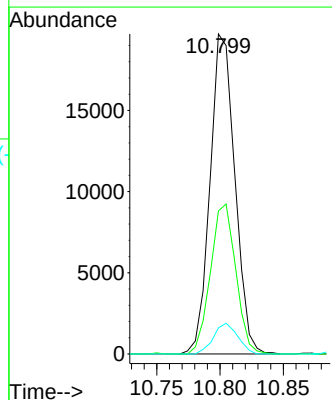
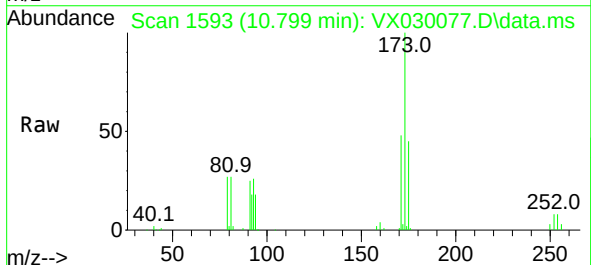
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

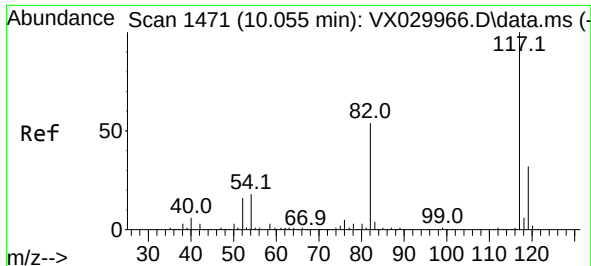
Tgt Ion: 63 Resp: 177384  
Ion Ratio Lower Upper  
63 100  
65 32.1 25.9 38.9  
106 28.1 25.8 38.6



#56  
Bromoform  
Concen: 19.019 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

Tgt Ion: 173 Resp: 26924  
Ion Ratio Lower Upper  
173 100  
175 47.8 40.3 60.5  
254 9.3 7.4 11.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020EC

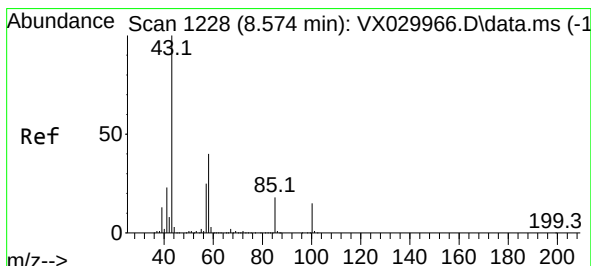
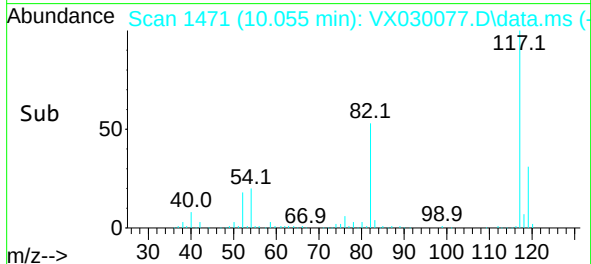
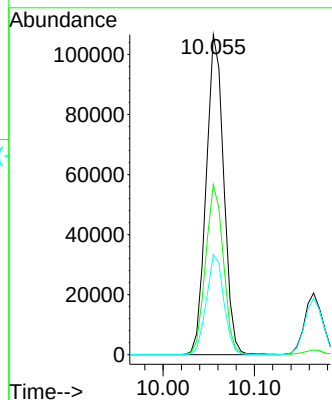
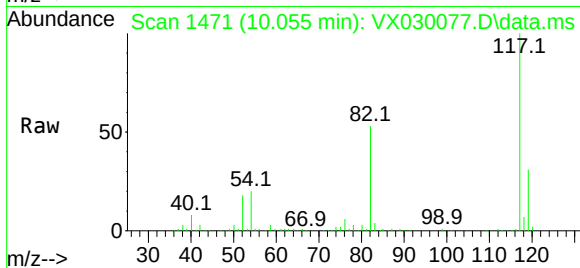
Tgt Ion:117 Resp: 141639

Ion Ratio Lower Upper

117 100

82 53.7 42.3 63.5

119 31.3 26.2 39.2



#58

4-Methyl-2-Pentanone

Concen: 98.723 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

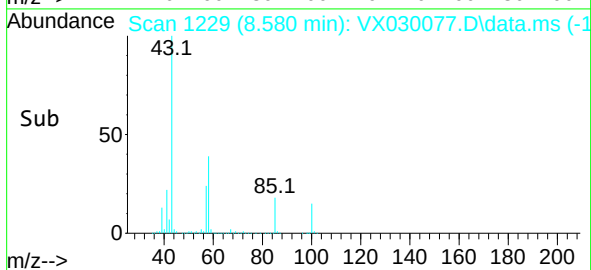
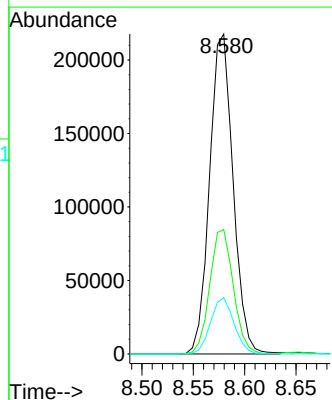
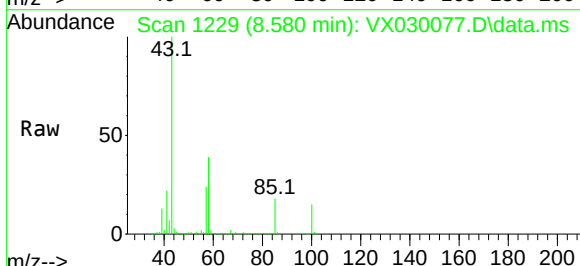
Tgt Ion: 43 Resp: 345392

Ion Ratio Lower Upper

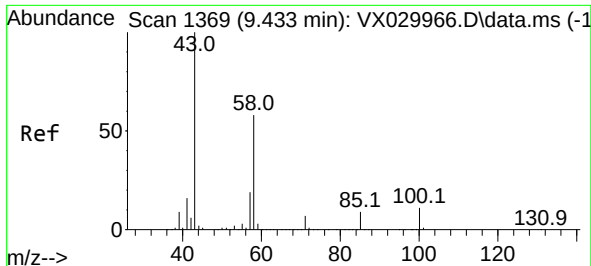
43 100

58 39.1 31.8 47.6

85 17.6 15.8 23.6







#59

2-Hexanone

Concen: 98.446 ug/l

RT: 9.433 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020EC

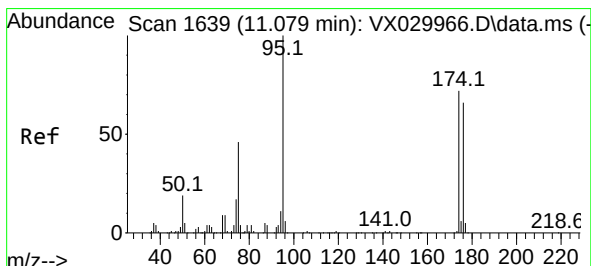
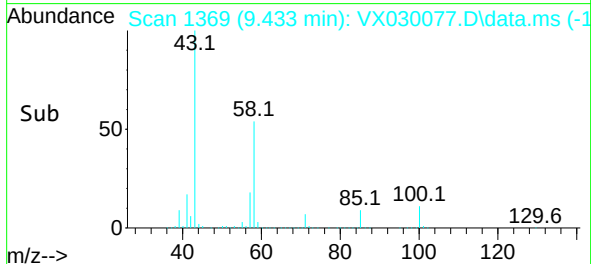
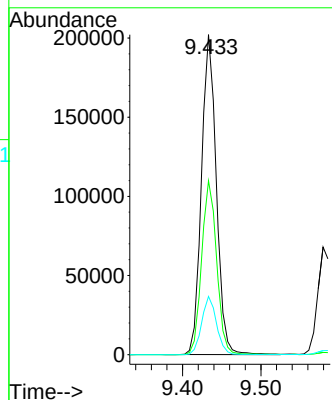
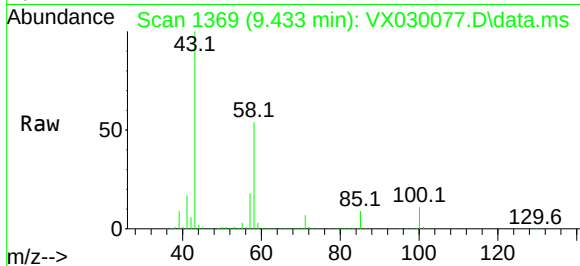
Tgt Ion: 43 Resp: 266396

Ion Ratio Lower Upper

43 100

58 54.9 44.1 66.1

57 18.3 16.2 24.2



#60

4-Bromofluorobenzene

Concen: 29.351 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

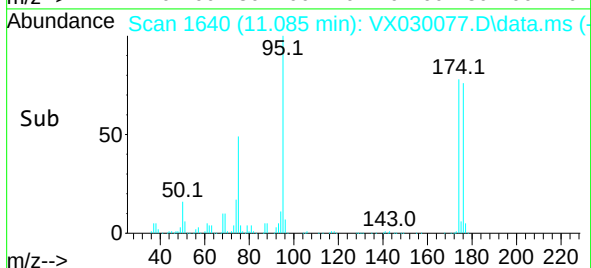
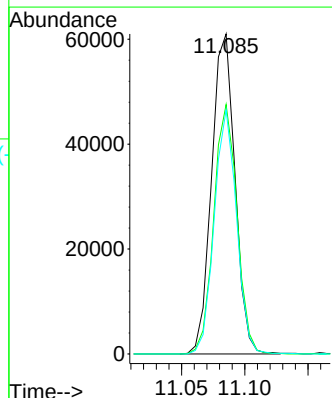
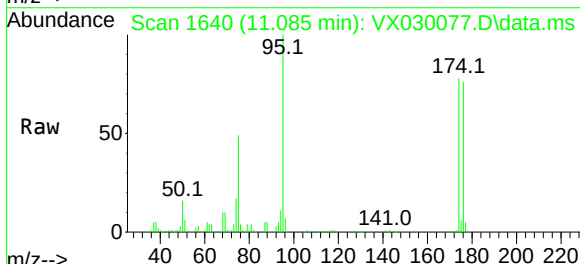
Tgt Ion: 95 Resp: 78347

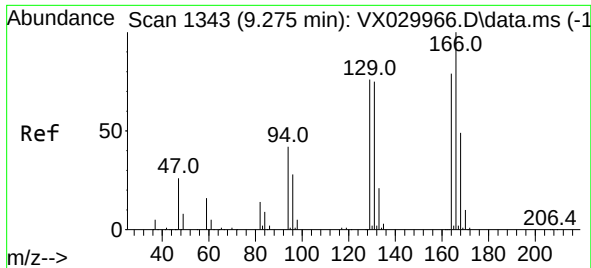
Ion Ratio Lower Upper

95 100

174 77.4 65.4 98.2

176 72.5 63.4 95.0

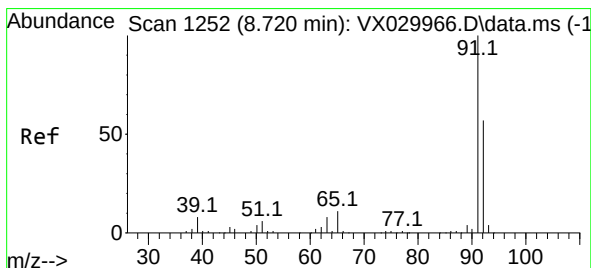
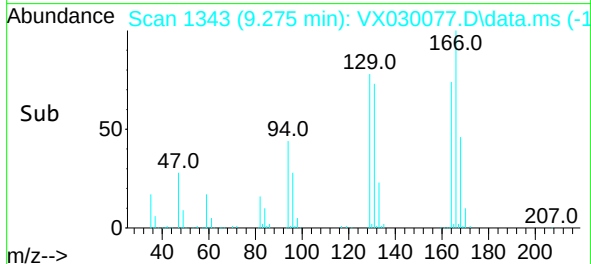
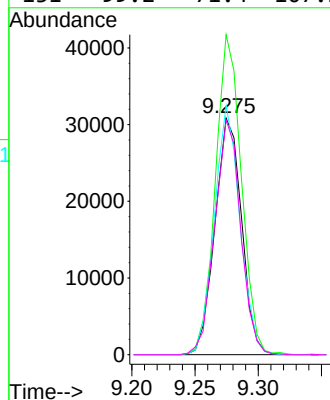
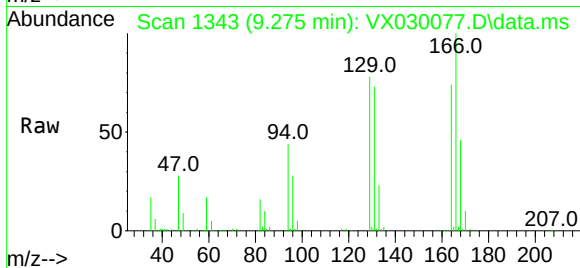




#61  
Tetrachloroethene  
Concen: 21.182 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

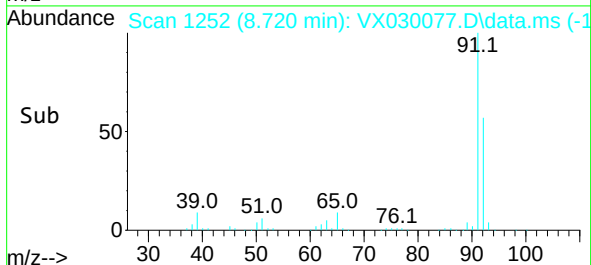
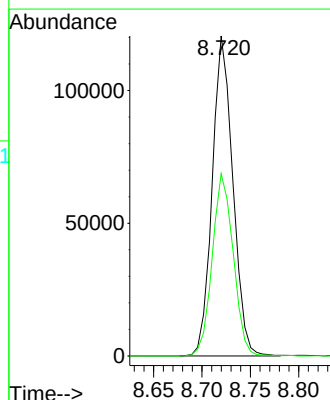
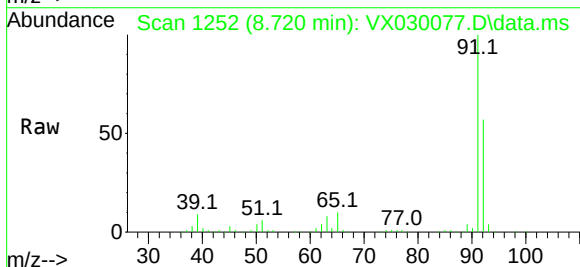
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

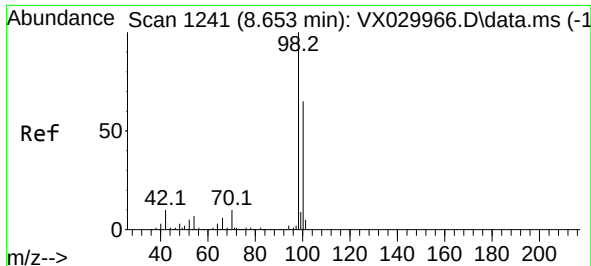
Tgt Ion:164 Resp: 45048  
Ion Ratio Lower Upper  
164 100  
166 135.2 105.0 157.6  
129 105.2 78.5 117.7  
131 99.2 71.4 107.2



#62  
Toluene  
Concen: 18.990 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

Tgt Ion: 91 Resp: 178925  
Ion Ratio Lower Upper  
91 100  
92 57.8 48.1 72.1

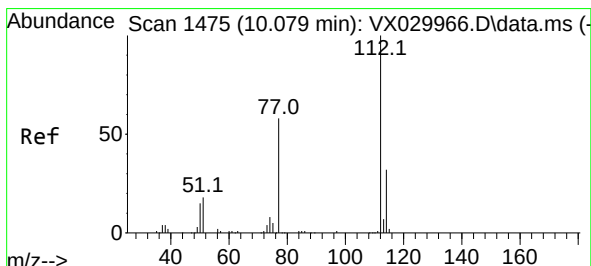
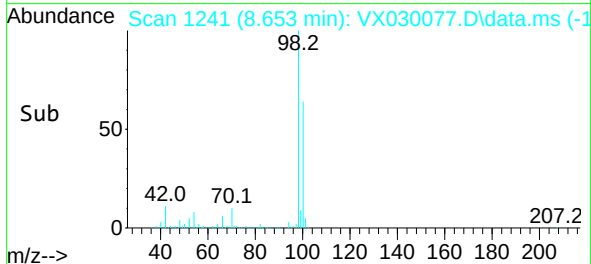
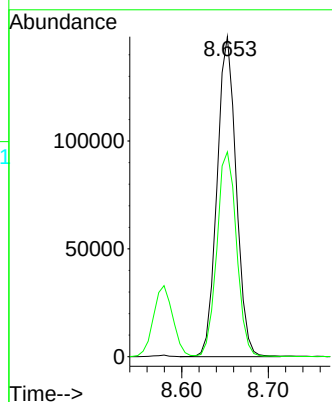
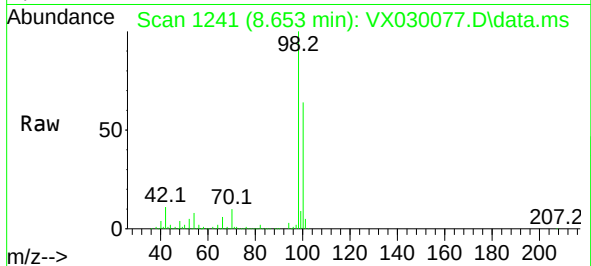




#63  
Toluene-d8  
Concen: 29.667 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

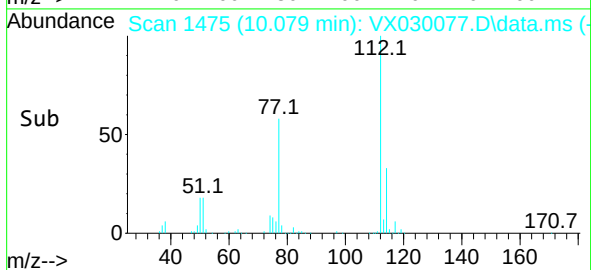
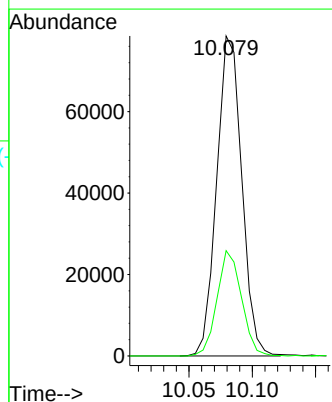
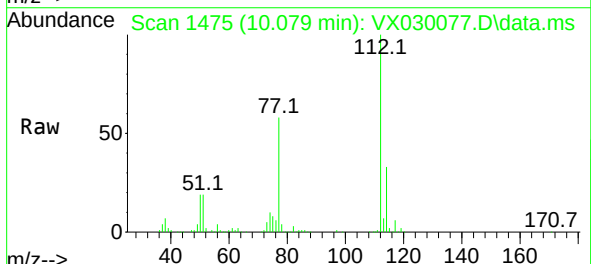
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

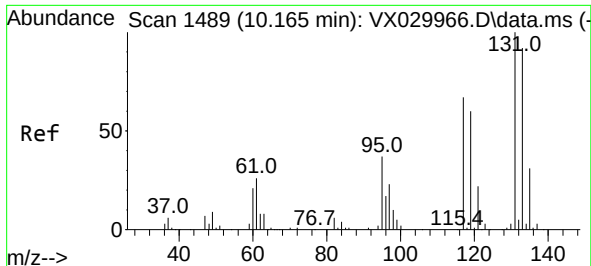
Tgt Ion: 98 Resp: 227853  
Ion Ratio Lower Upper  
98 100  
100 65.7 51.4 77.2



#64  
Chlorobenzene  
Concen: 19.215 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

Tgt Ion: 112 Resp: 108123  
Ion Ratio Lower Upper  
112 100  
114 32.9 26.0 39.0

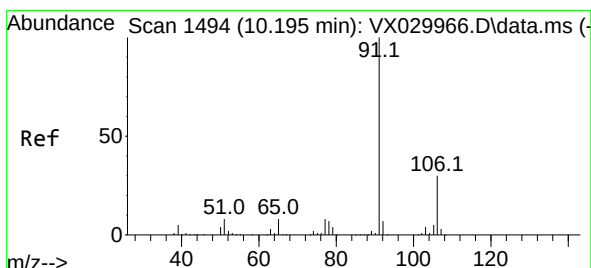
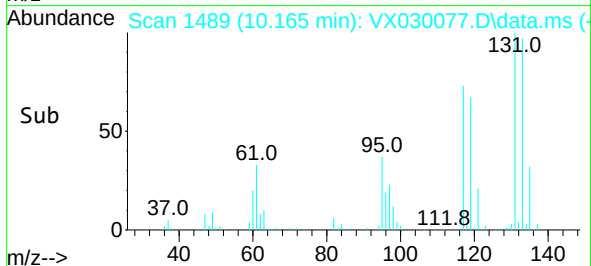
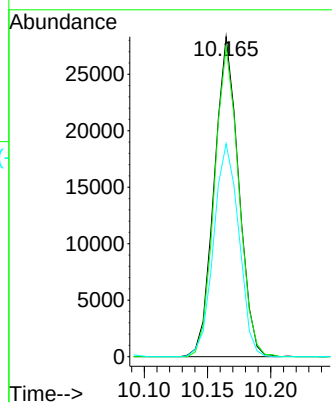
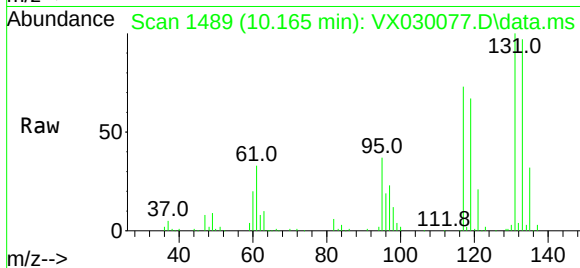




#65  
1,1,1,2-Tetrachloroethane  
Concen: 19.302 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

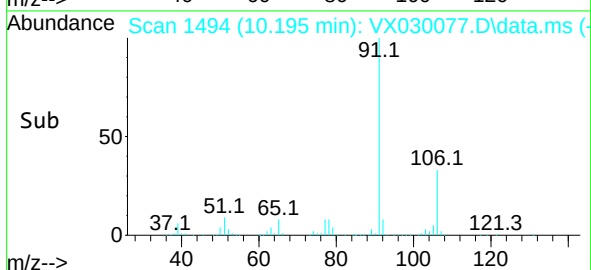
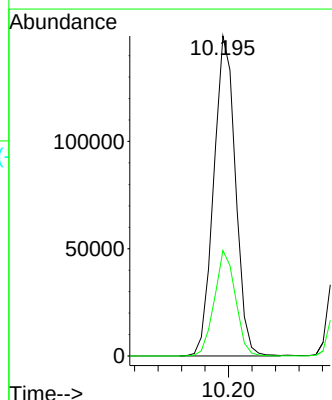
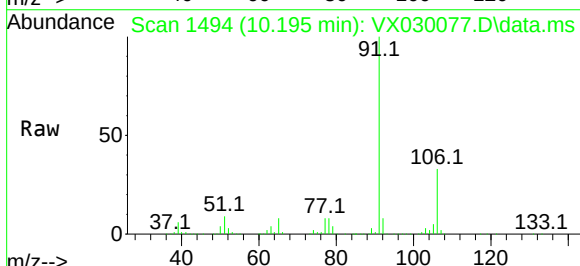
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

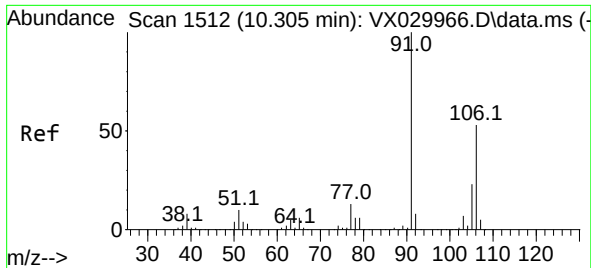
Tgt Ion:131 Resp: 37872  
Ion Ratio Lower Upper  
131 100  
133 96.5 0.0 197.2  
119 68.8 0.0 127.4



#66  
Ethyl Benzene  
Concen: 19.173 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

Tgt Ion: 91 Resp: 191973  
Ion Ratio Lower Upper  
91 100  
106 32.9 25.8 38.8

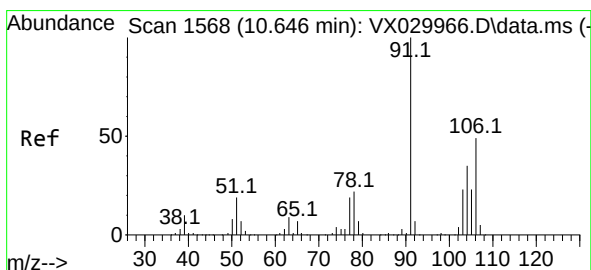
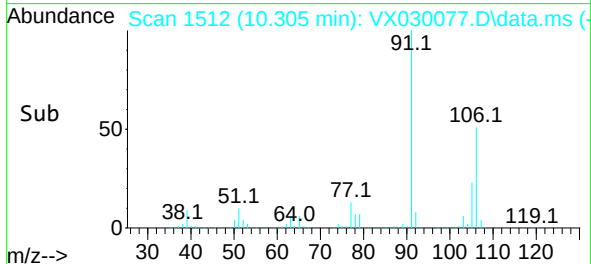
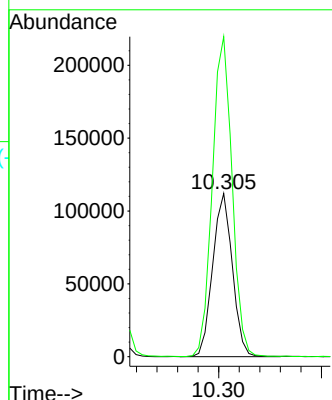
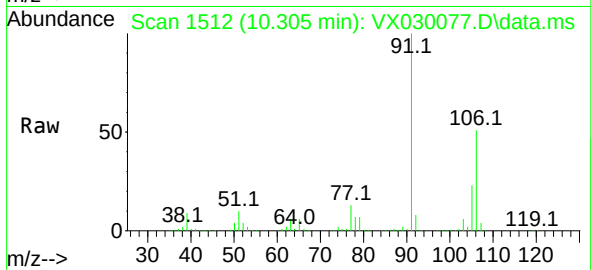




#67  
m/p-Xylenes  
Concen: 38.260 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

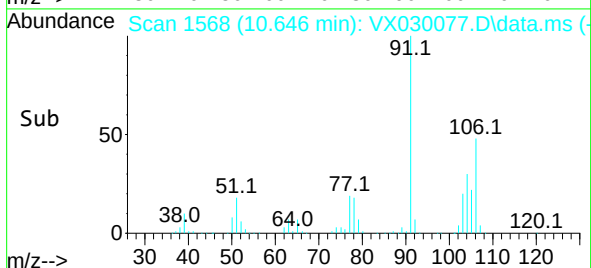
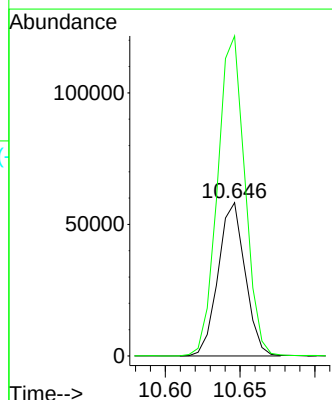
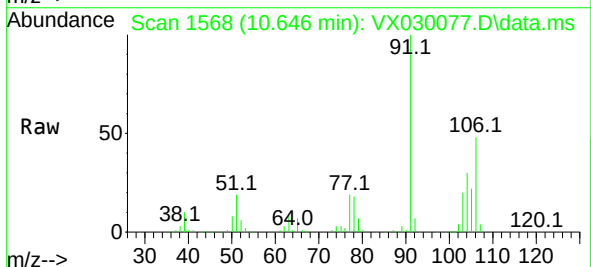
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

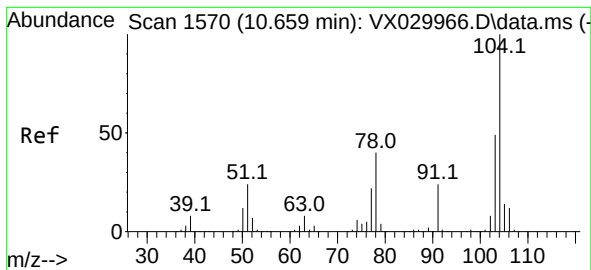
Tgt Ion:106 Resp: 148652  
Ion Ratio Lower Upper  
106 100  
91 196.6 159.5 239.3



#68  
o-Xylene  
Concen: 18.923 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

Tgt Ion:106 Resp: 73215  
Ion Ratio Lower Upper  
106 100  
91 211.0 105.4 316.2





#69

Styrene

Concen: 19.075 ug/l

RT: 10.659 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020EC

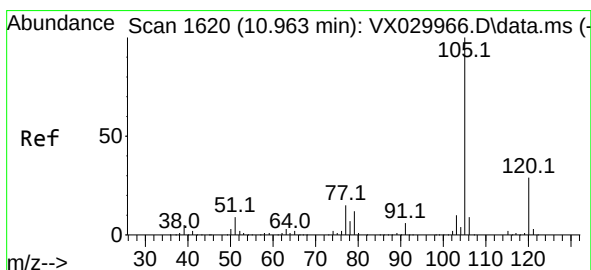
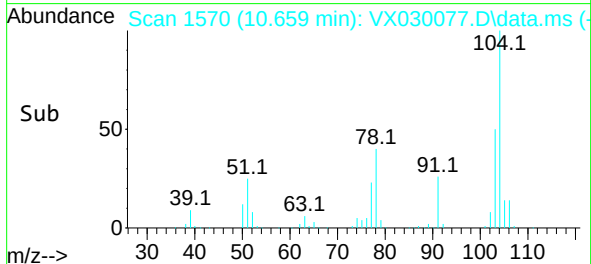
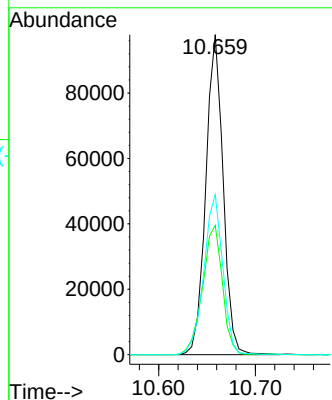
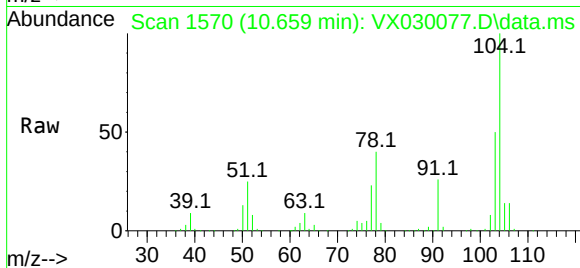
Tgt Ion:104 Resp: 122133

Ion Ratio Lower Upper

104 100

78 46.3 39.7 59.5

103 54.6 42.7 64.1



#70

Isopropylbenzene

Concen: 19.259 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX030077.D

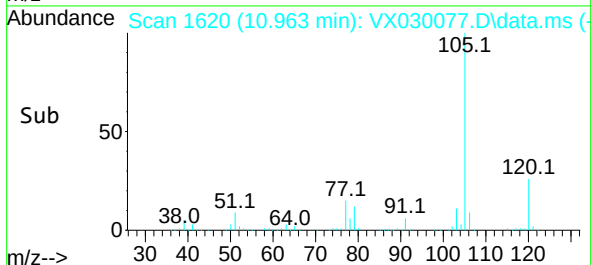
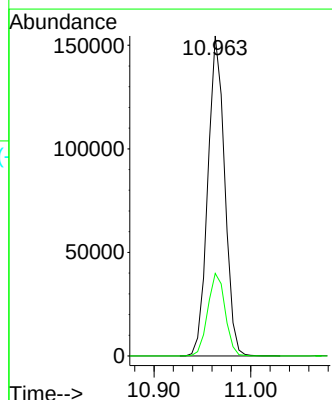
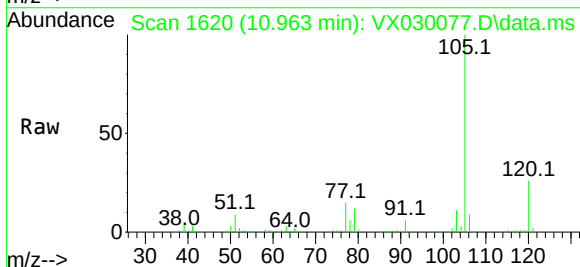
Acq: 14 Jul 2022 21:38

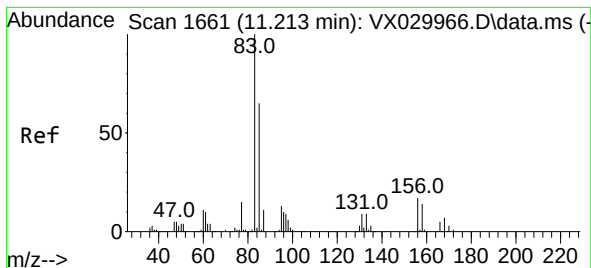
Tgt Ion:105 Resp: 187614

Ion Ratio Lower Upper

105 100

120 26.5 18.8 34.8

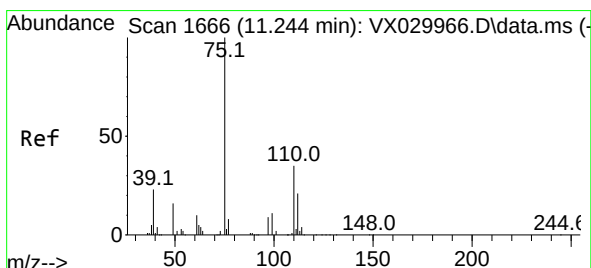
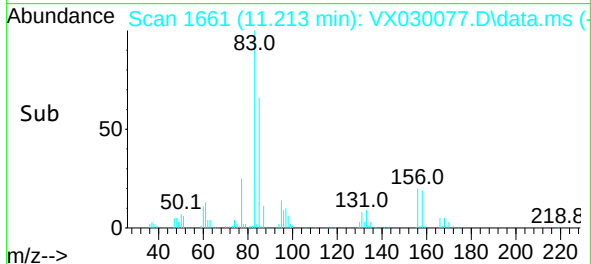
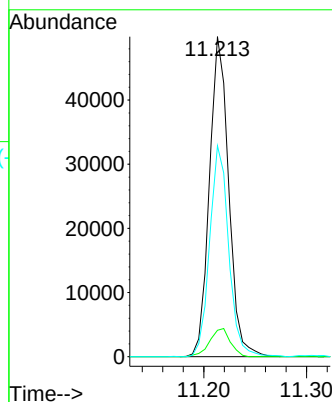
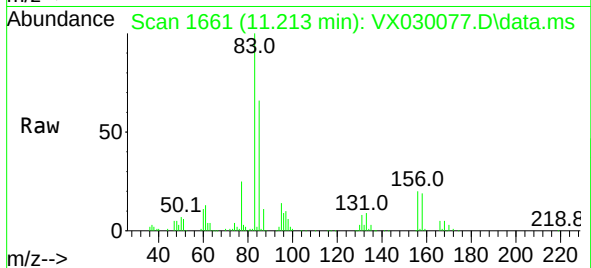




#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 18.315 ug/l  
 RT: 11.213 min Scan# 1661  
 Delta R.T. -0.000 min  
 Lab File: VX030077.D  
 Acq: 14 Jul 2022 21:38

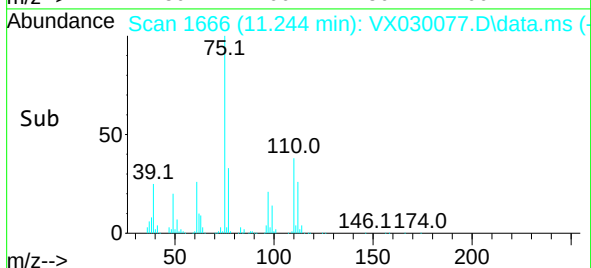
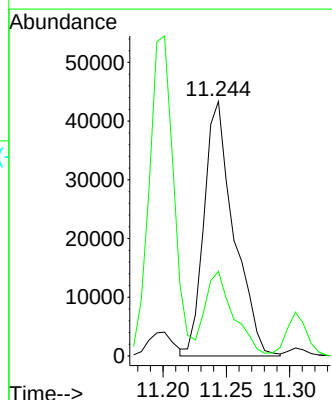
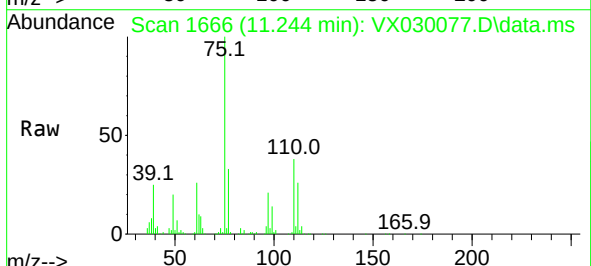
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020EC

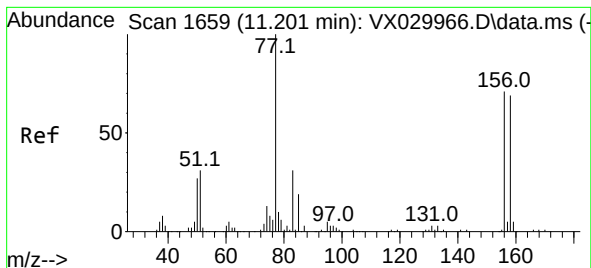
Tgt Ion: 83 Resp: 64882  
 Ion Ratio Lower Upper  
 83 100  
 131 9.5 5.8 17.3  
 85 65.3 32.0 96.2



#72  
 1,2,3-Trichloropropane  
 Concen: 22.371 ug/l  
 RT: 11.244 min Scan# 1666  
 Delta R.T. -0.000 min  
 Lab File: VX030077.D  
 Acq: 14 Jul 2022 21:38

Tgt Ion: 75 Resp: 71235  
 Ion Ratio Lower Upper  
 75 100  
 77 31.4 0.0 78.6





#73

Bromobenzene

Concen: 18.618 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020EC

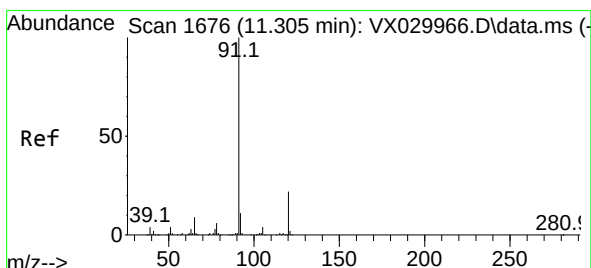
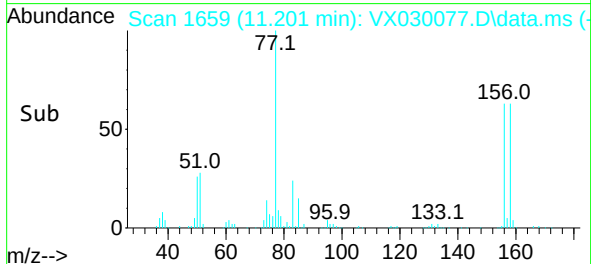
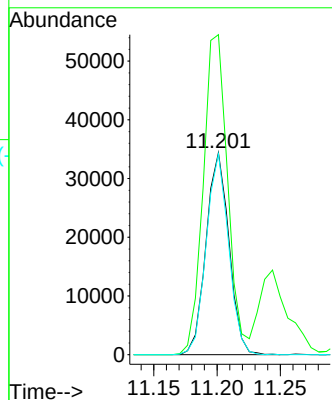
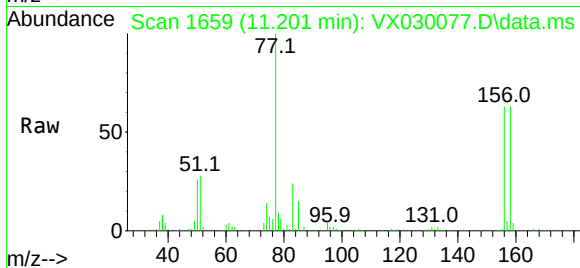
Tgt Ion:156 Resp: 43490

Ion Ratio Lower Upper

156 100

77 168.8 0.0 297.6

158 96.7 0.0 188.4



#74

n-propylbenzene

Concen: 18.593 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX030077.D

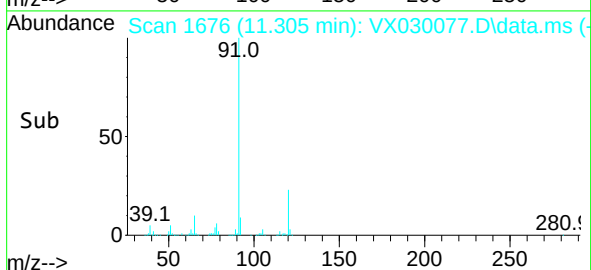
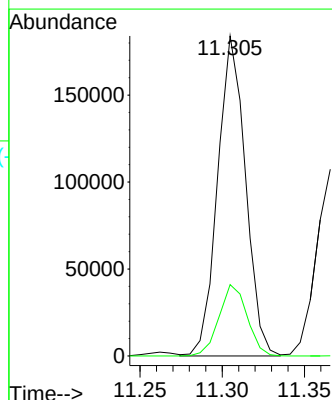
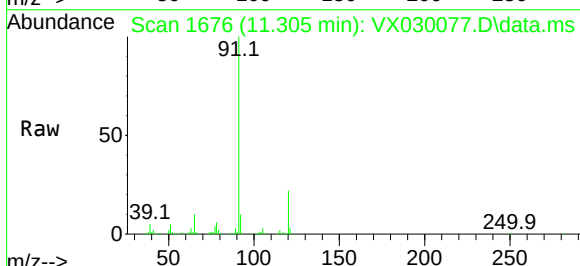
Acq: 14 Jul 2022 21:38

Tgt Ion: 91 Resp: 217276

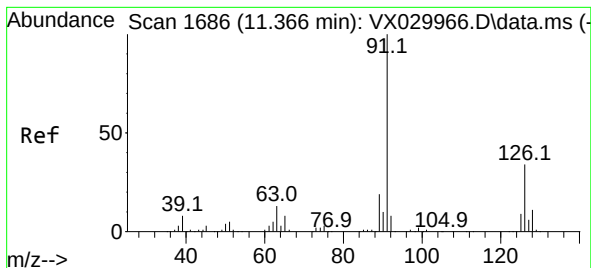
Ion Ratio Lower Upper

91 100

120 22.5 0.0 48.0







#75

2-Chlorotoluene

Concen: 19.031 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

Instrument :

MSVOA\_X

ClientSampleId :

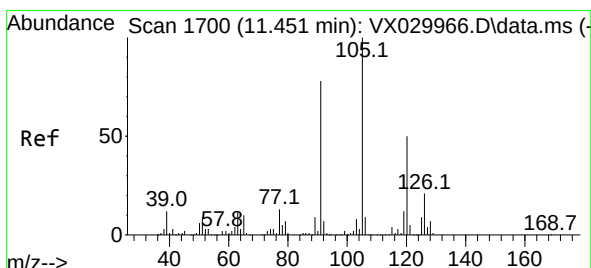
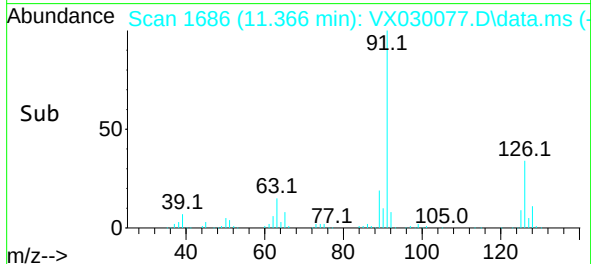
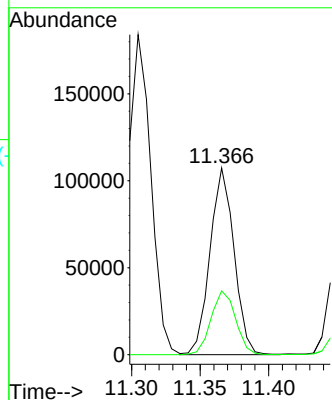
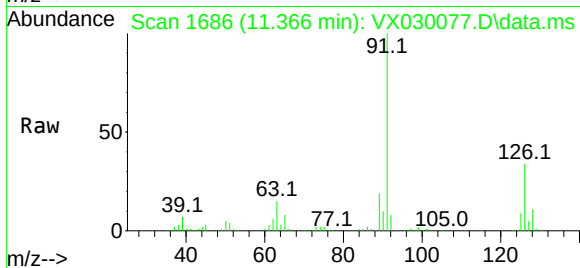
VSTDCCC020EC

Tgt Ion: 91 Resp: 130961

Ion Ratio Lower Upper

91 100

126 34.8 0.0 68.6



#76

1,3,5-Trimethylbenzene

Concen: 18.624 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX030077.D

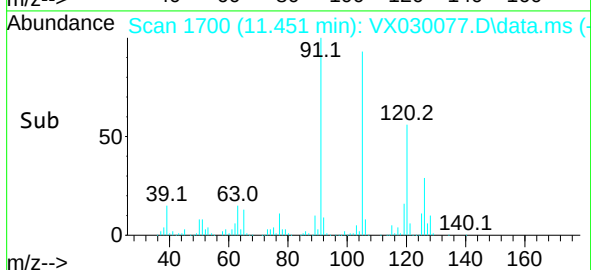
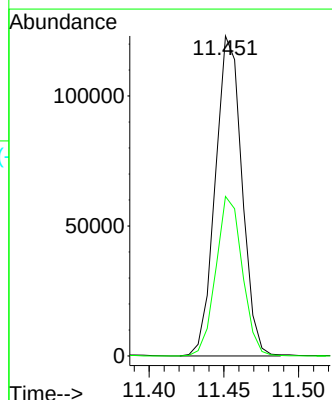
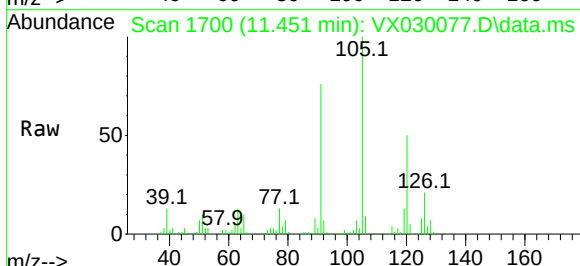
Acq: 14 Jul 2022 21:38

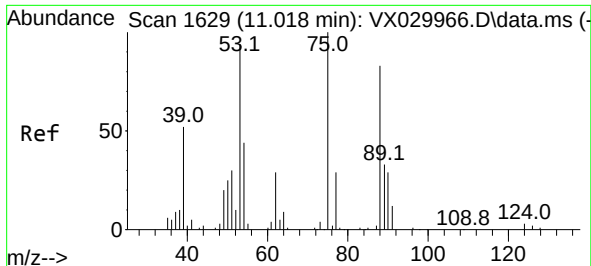
Tgt Ion: 105 Resp: 152324

Ion Ratio Lower Upper

105 100

120 49.6 0.0 98.0





#77

t-1,4-Dichloro-2-butene

Concen: 14.915 ug/l

RT: 11.018 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020EC

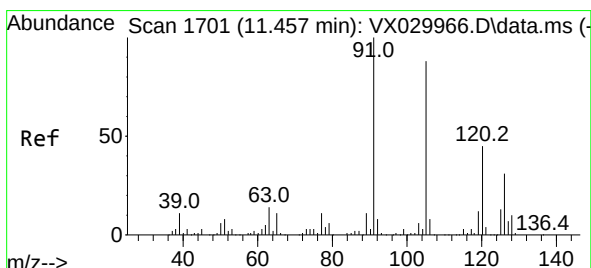
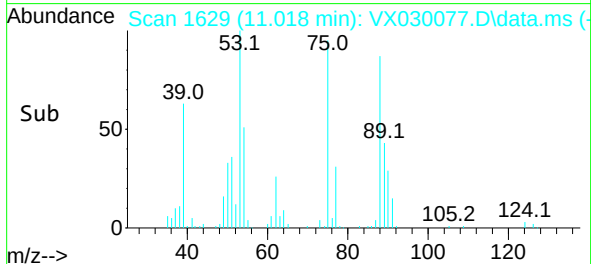
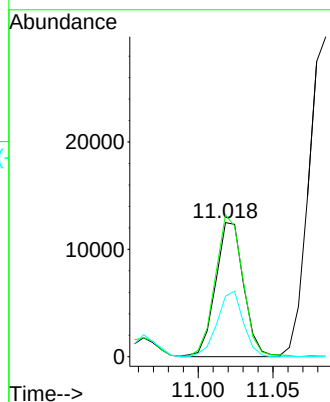
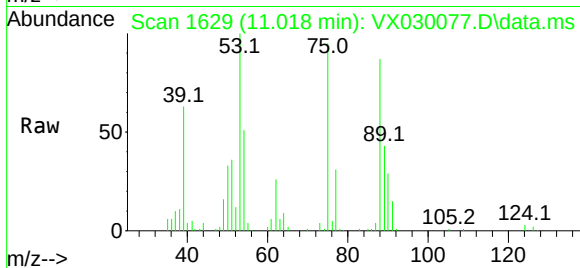
Tgt Ion: 75 Resp: 16336

Ion Ratio Lower Upper

75 100

53 105.7 59.7 179.1

89 45.3 23.1 69.2



#78

4-Chlorotoluene

Concen: 18.557 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VX030077.D

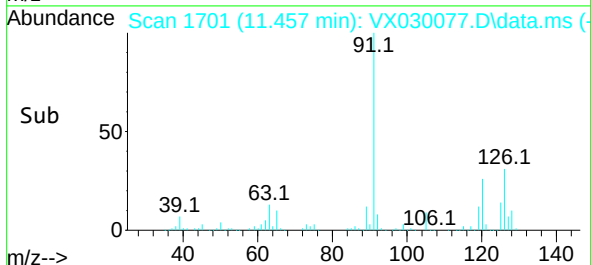
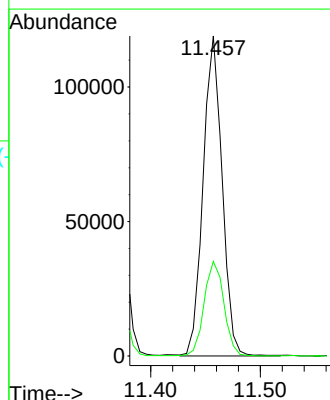
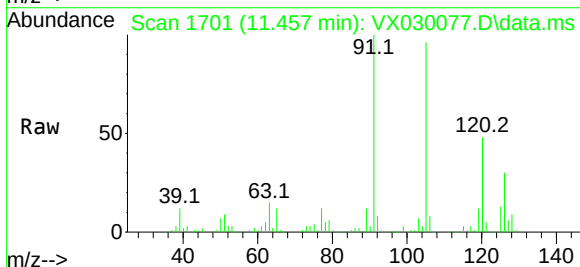
Acq: 14 Jul 2022 21:38

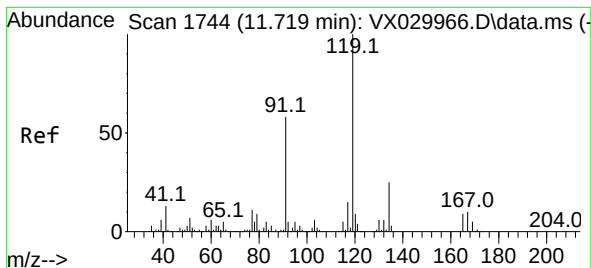
Tgt Ion: 91 Resp: 143324

Ion Ratio Lower Upper

91 100

126 30.7 0.0 59.8





#79

tert-butylbenzene

Concen: 18.280 ug/l

RT: 11.713 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX030077.D

Acq: 14 Jul 2022 21:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020EC

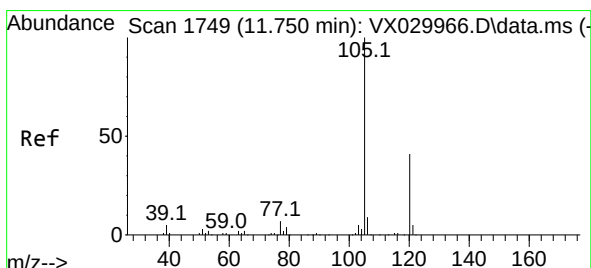
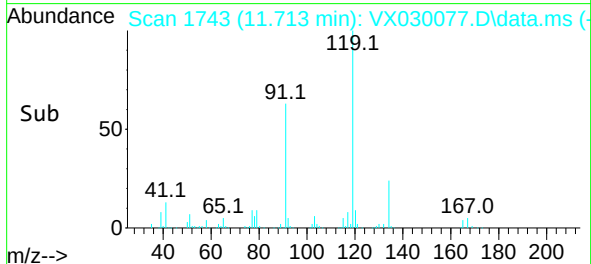
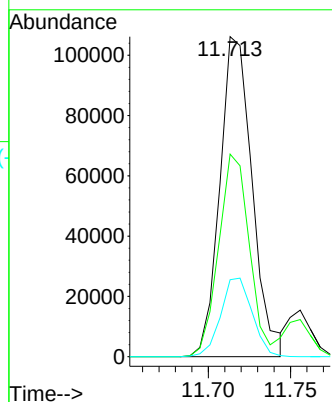
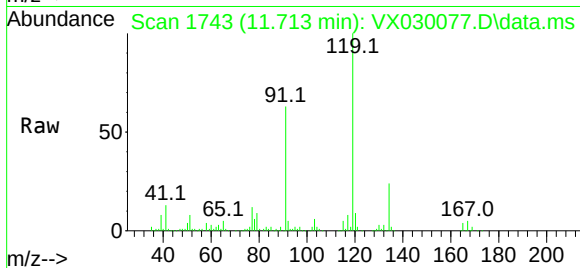
Tgt Ion:119 Resp: 145450

Ion Ratio Lower Upper

119 100

91 59.8 0.0 119.4

134 23.9 0.0 48.4



#80

1,2,4-Trimethylbenzene

Concen: 18.248 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX030077.D

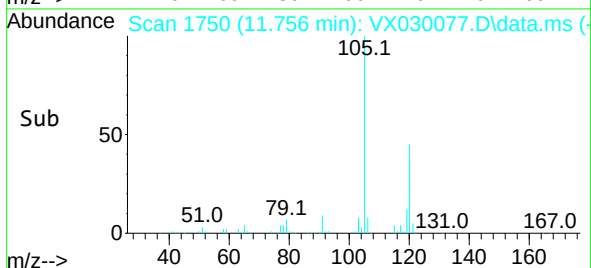
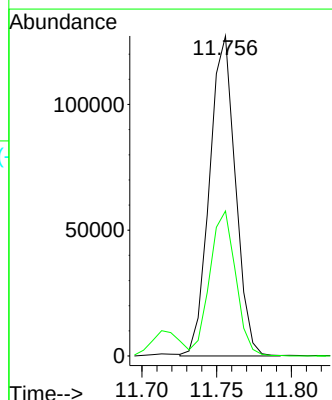
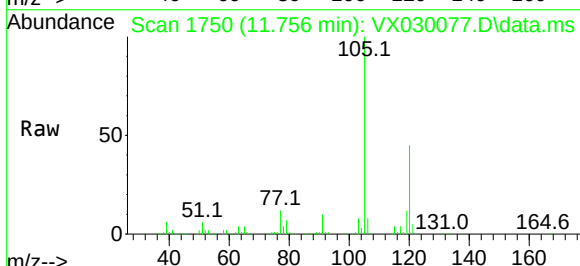
Acq: 14 Jul 2022 21:38

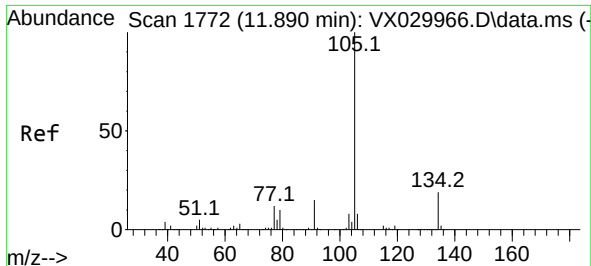
Tgt Ion:105 Resp: 153437

Ion Ratio Lower Upper

105 100

120 45.4 0.0 89.6

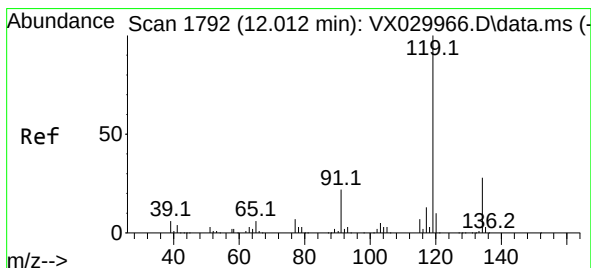
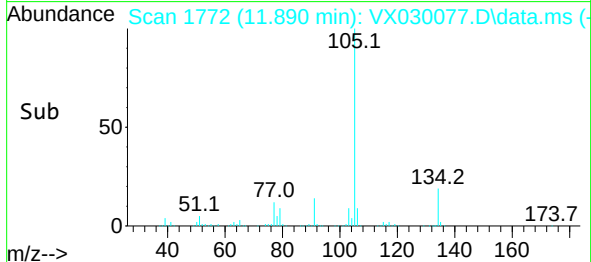
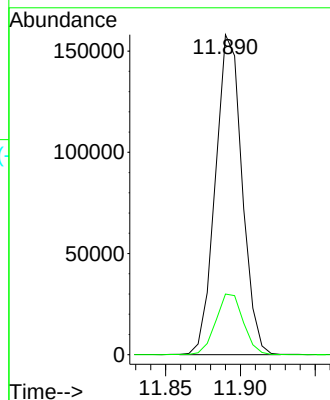
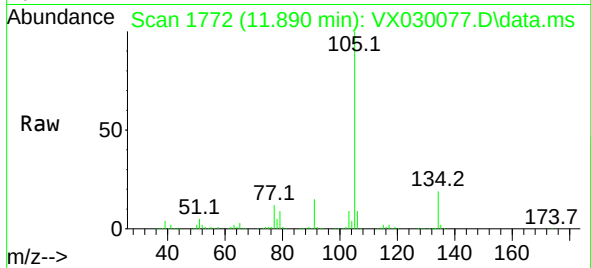




#81  
 sec-Butylbenzene  
 Concen: 18.227 ug/l  
 RT: 11.890 min Scan# 1172  
 Delta R.T. -0.000 min  
 Lab File: VX030077.D  
 Acq: 14 Jul 2022 21:38

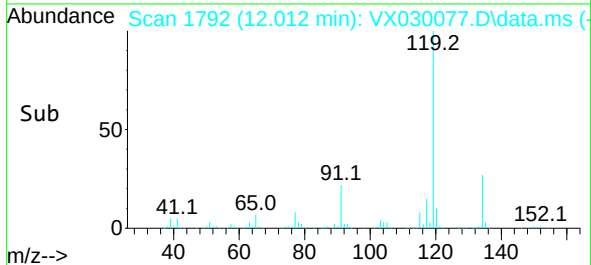
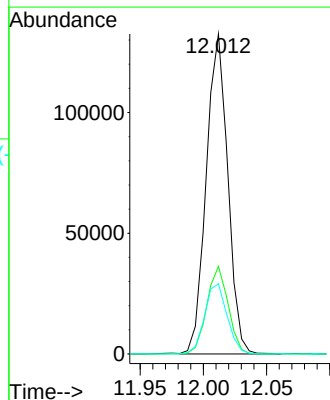
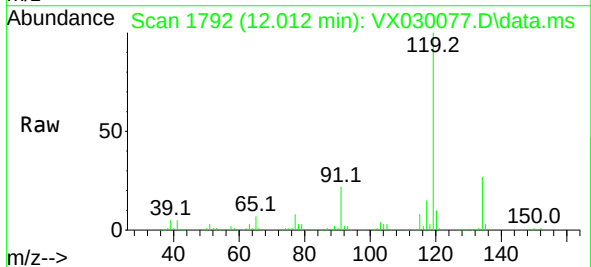
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020EC

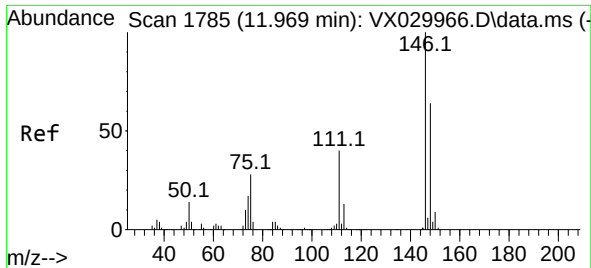
Tgt Ion:105 Resp: 196309  
 Ion Ratio Lower Upper  
 105 100  
 134 19.6 0.0 41.2



#82  
 p-Isopropyltoluene  
 Concen: 18.152 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. -0.000 min  
 Lab File: VX030077.D  
 Acq: 14 Jul 2022 21:38

Tgt Ion:119 Resp: 157385  
 Ion Ratio Lower Upper  
 119 100  
 134 27.1 0.0 52.4  
 91 22.9 0.0 47.2

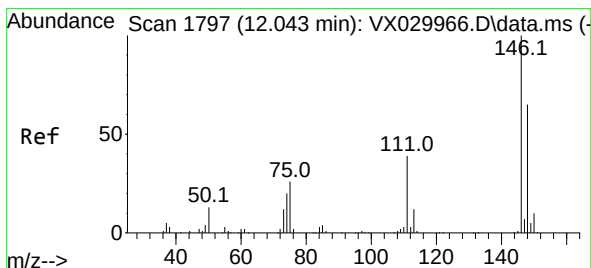
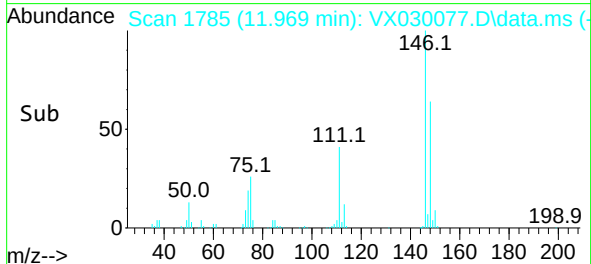
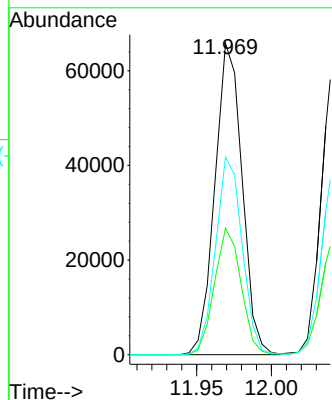
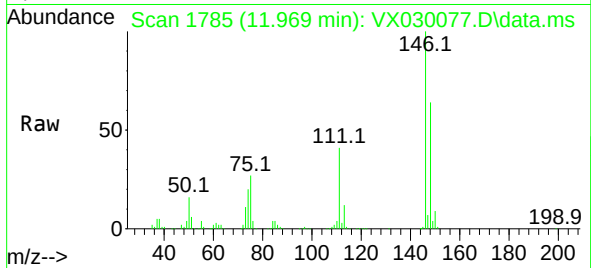




#83  
 1,3-Dichlorobenzene  
 Concen: 18.434 ug/l  
 RT: 11.969 min Scan# 1785  
 Delta R.T. -0.000 min  
 Lab File: VX030077.D  
 Acq: 14 Jul 2022 21:38

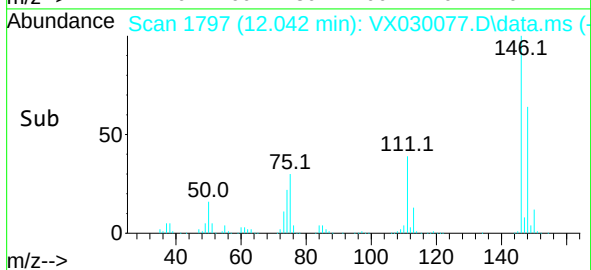
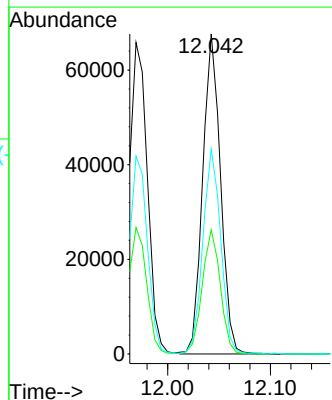
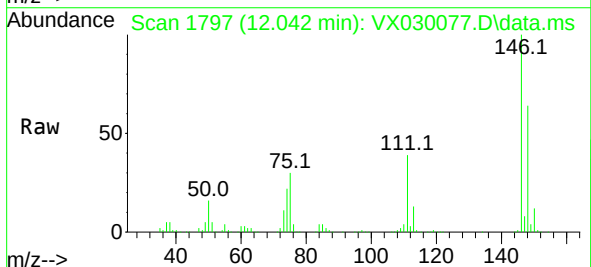
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020EC

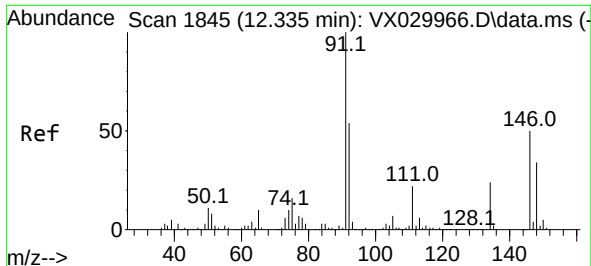
Tgt Ion:146 Resp: 83313  
 Ion Ratio Lower Upper  
 146 100  
 111 39.4 19.8 59.4  
 148 62.2 31.6 94.8



#84  
 1,4-Dichlorobenzene  
 Concen: 17.821 ug/l  
 RT: 12.042 min Scan# 1797  
 Delta R.T. -0.000 min  
 Lab File: VX030077.D  
 Acq: 14 Jul 2022 21:38

Tgt Ion:146 Resp: 81684  
 Ion Ratio Lower Upper  
 146 100  
 111 39.4 19.2 57.6  
 148 64.3 32.3 96.8

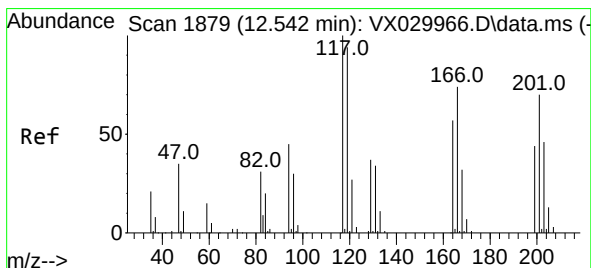
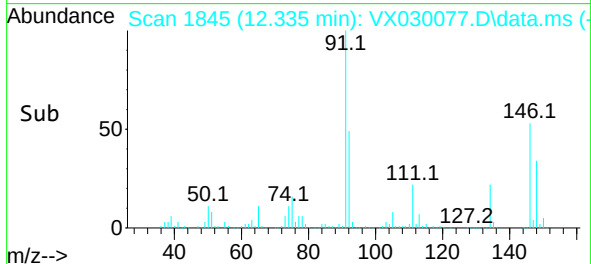
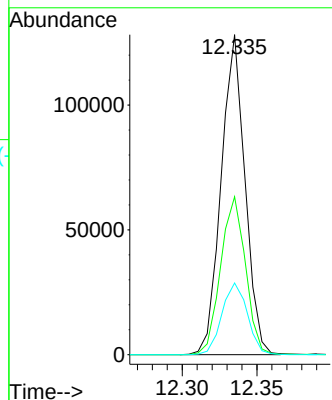
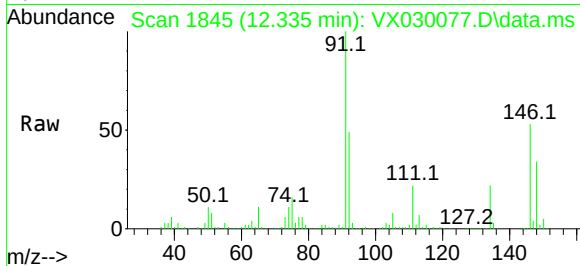




#85  
n-Butylbenzene  
Concen: 17.457 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

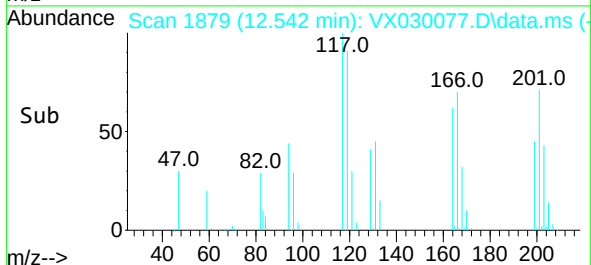
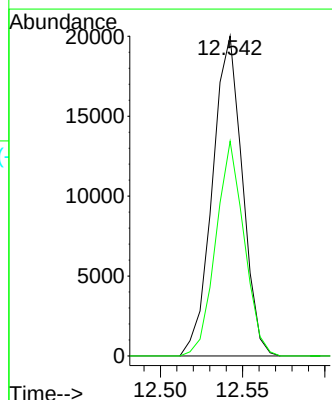
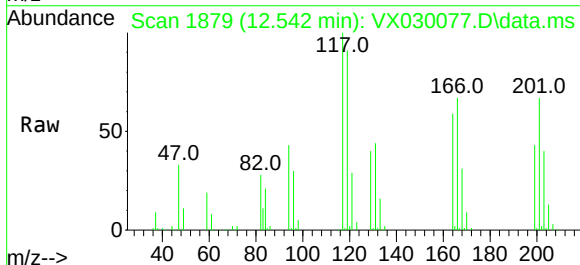
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MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

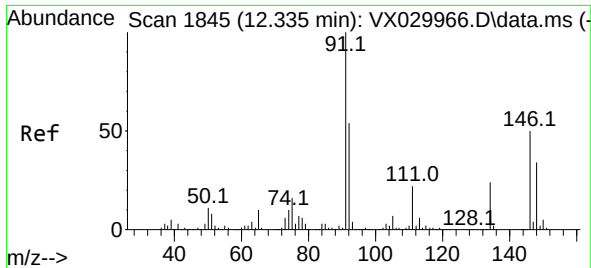
Tgt Ion: 91 Resp: 142036  
Ion Ratio Lower Upper  
91 100  
92 51.5 0.0 109.4  
134 24.0 0.0 56.4



#86  
Hexachloroethane  
Concen: 17.613 ug/l  
RT: 12.542 min Scan# 1879  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

Tgt Ion: 117 Resp: 25372  
Ion Ratio Lower Upper  
117 100  
201 63.5 39.5 118.5

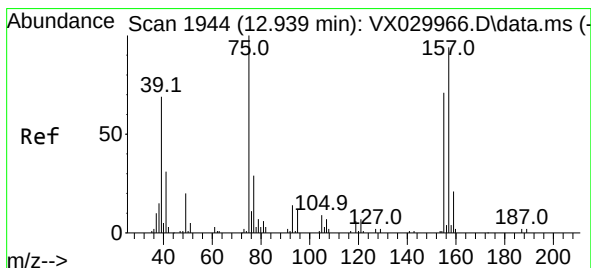
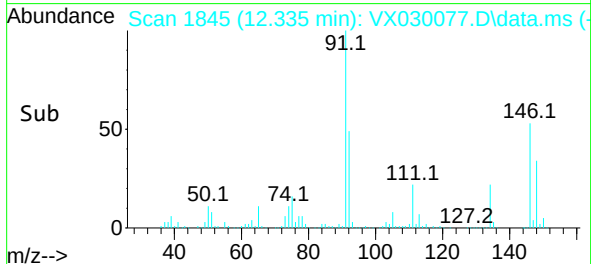
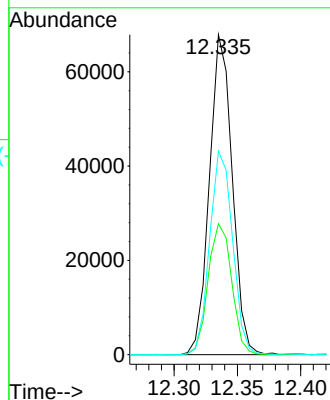
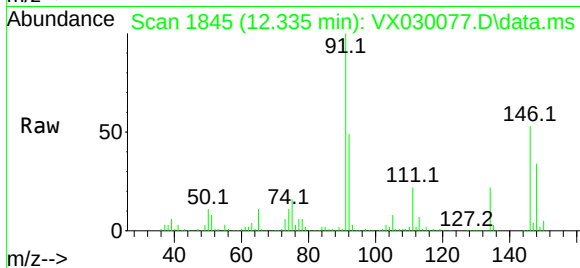




#87  
 1,2-Dichlorobenzene  
 Concen: 19.108 ug/l  
 RT: 12.335 min Scan# 1845  
 Delta R.T. -0.000 min  
 Lab File: VX030077.D  
 Acq: 14 Jul 2022 21:38

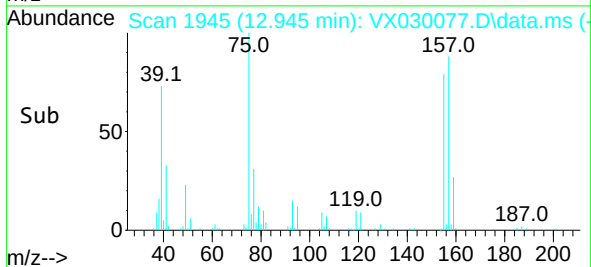
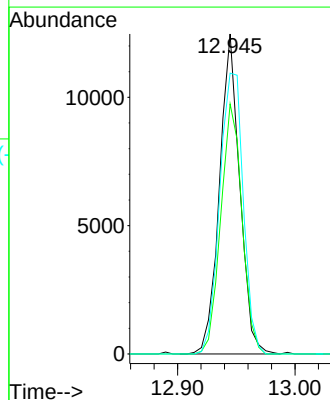
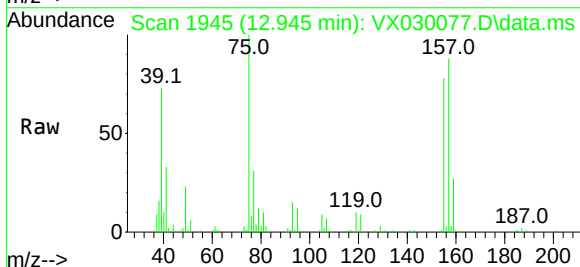
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020EC

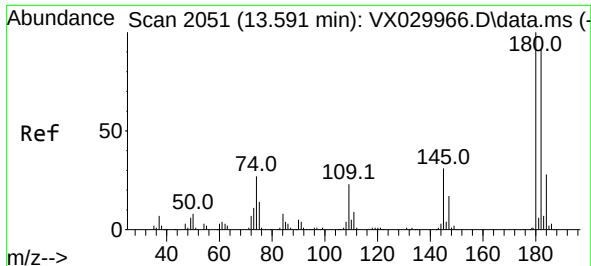
Tgt Ion:146 Resp: 85273  
 Ion Ratio Lower Upper  
 146 100  
 111 42.2 21.1 63.3  
 148 64.1 31.4 94.2



#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.462 ug/l  
 RT: 12.945 min Scan# 1945  
 Delta R.T. 0.006 min  
 Lab File: VX030077.D  
 Acq: 14 Jul 2022 21:38

Tgt Ion: 75 Resp: 14915  
 Ion Ratio Lower Upper  
 75 100  
 155 82.1 74.3 111.5  
 157 102.2 97.3 145.9

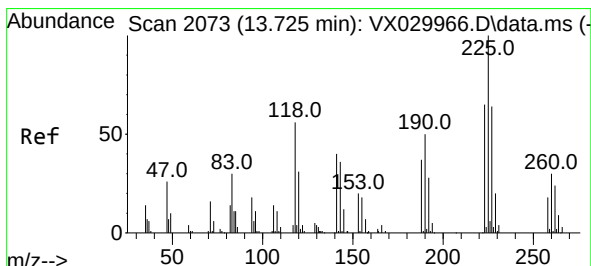
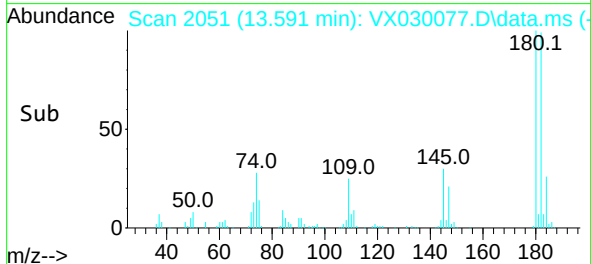
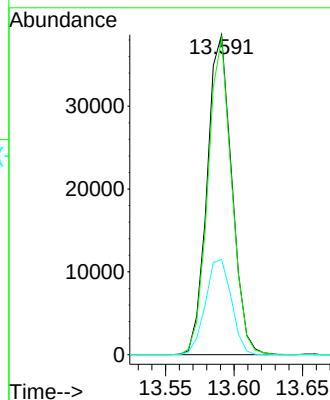
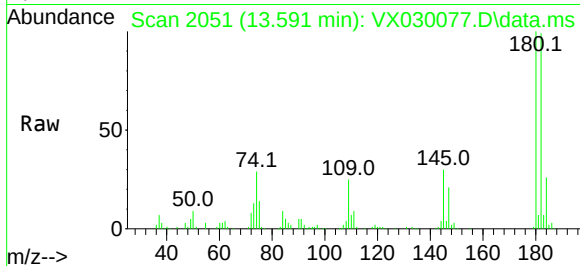




#89  
1,2,4-Trichlorobenzene  
Concen: 17.496 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

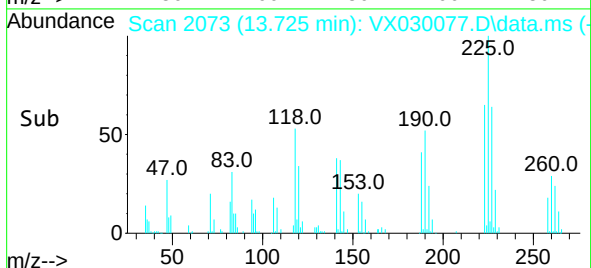
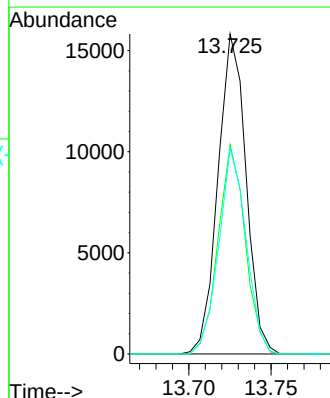
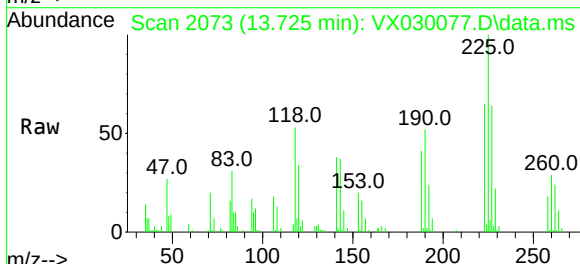
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

Tgt Ion:180 Resp: 48343  
Ion Ratio Lower Upper  
180 100  
182 95.5 77.4 116.2  
145 31.3 24.2 36.4

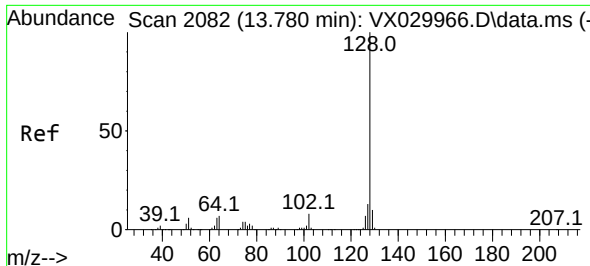


#90  
Hexachlorobutadiene  
Concen: 17.920 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

Tgt Ion:225 Resp: 18779  
Ion Ratio Lower Upper  
225 100  
223 63.1 0.0 126.0  
227 62.7 0.0 125.0



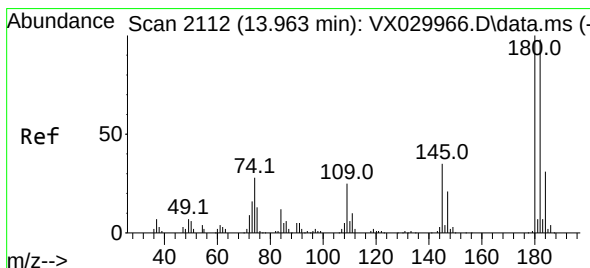
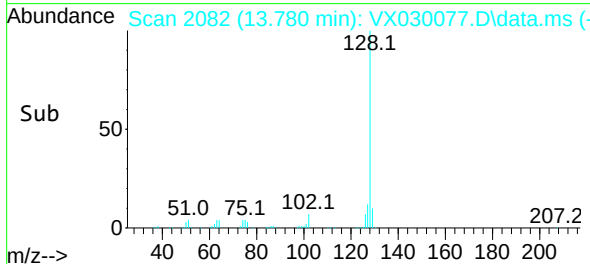
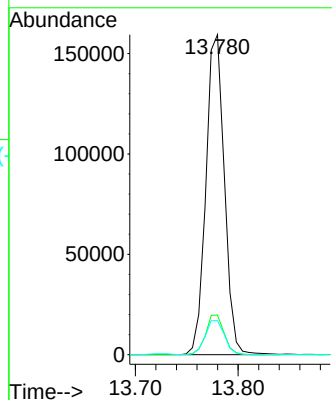
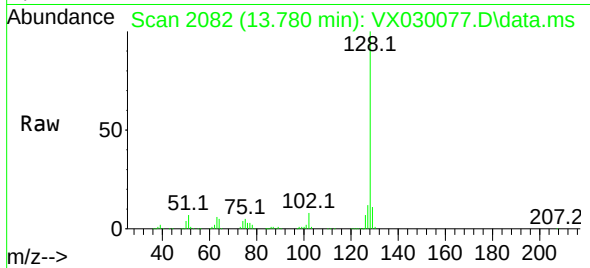




#91  
Naphthalene  
Concen: 18.167 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

Tgt Ion:128 Resp: 200083  
Ion Ratio Lower Upper  
128 100  
127 12.5 10.0 15.0  
129 11.1 8.8 13.2



#92  
1,2,3-Trichlorobenzene  
Concen: 17.947 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX030077.D  
Acq: 14 Jul 2022 21:38

Tgt Ion:180 Resp: 50513  
Ion Ratio Lower Upper  
180 100  
182 95.8 0.0 189.4  
145 34.0 0.0 67.2

