

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031023\Not Reviewed Data\  
 Data File : VX034412.D  
 Acq On : 10 Mar 2023 11:13  
 Operator : JC/MD  
 Sample : VSTDICC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC020

Quant Time: Mar 13 14:52:58 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031023W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 13 10:29:32 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 297482   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 495632   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 448391   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 223472   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 89158    | 20.601   | ug/l | 0.01     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 41.200%# |
| 35) Dibromofluoromethane    | 5.385  | 113   | 70386    | 21.509   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 43.020%# |
| 50) Toluene-d8              | 8.647  | 98    | 267188   | 21.872   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 43.740%# |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 100420   | 20.351   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 40.700%# |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.167 | 85  | 56755   | 20.465  | ug/l   | 99  |
| 3) Chloromethane             | 1.307 | 50  | 95851   | 22.083  | ug/l   | 98  |
| 4) Vinyl Chloride            | 1.374 | 62  | 81202   | 21.504  | ug/l   | 97  |
| 5) Bromomethane              | 1.605 | 94  | 43917   | 23.050  | ug/l   | 99  |
| 6) Chloroethane              | 1.685 | 64  | 71346   | 32.815  | ug/l   | 92  |
| 7) Trichlorofluoromethane    | 1.886 | 101 | 121024  | 21.329  | ug/l   | 99  |
| 8) Diethyl Ether             | 2.130 | 74  | 44722   | 21.591  | ug/l   | 98  |
| 9) 1,1,2-Trichlorotrifluo... | 2.325 | 101 | 66463   | 20.099  | ug/l   | 99  |
| 10) Methyl Iodide            | 2.453 | 142 | 84243   | 19.404  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 2.953 | 59  | 92016   | 102.101 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 2.319 | 96  | 66349   | 20.374  | ug/l   | 94  |
| 13) Acrolein                 | 2.233 | 56  | 62723   | 87.976  | ug/l   | 98  |
| 14) Allyl chloride           | 2.660 | 41  | 130770  | 19.806  | ug/l   | 98  |
| 15) Acrylonitrile            | 3.063 | 53  | 207810  | 106.744 | ug/l   | 99  |
| 16) Acetone                  | 2.374 | 43  | 194914  | 95.612  | ug/l   | 99  |
| 17) Carbon Disulfide         | 2.514 | 76  | 178959  | 19.527  | ug/l   | 100 |
| 18) Methyl Acetate           | 2.703 | 43  | 136659  | 20.516  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 239319  | 20.524  | ug/l   | 99  |
| 20) Methylene Chloride       | 2.788 | 84  | 77944   | 19.700  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 3.087 | 96  | 70944   | 20.513  | ug/l   | 98  |
| 22) Diisopropyl ether        | 3.758 | 45  | 264680  | 21.026  | ug/l   | 99  |
| 23) Vinyl Acetate            | 3.721 | 43  | 1024852 | 106.974 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 3.611 | 63  | 139008  | 20.543  | ug/l   | 99  |
| 25) 2-Butanone               | 4.550 | 43  | 304682  | 104.453 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 4.477 | 77  | 115994  | 19.720  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 4.483 | 96  | 85674   | 20.578  | ug/l   | 97  |
| 28) Bromochloromethane       | 4.898 | 49  | 68242   | 21.689  | ug/l   | 100 |
| 29) Tetrahydrofuran          | 5.001 | 42  | 194008  | 107.787 | ug/l   | 99  |
| 30) Chloroform               | 5.093 | 83  | 136295  | 20.548  | ug/l   | 96  |
| 31) Cyclohexane              | 5.465 | 56  | 126593  | 20.857  | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 5.385 | 97  | 118426  | 20.168  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 5.690 | 75  | 100777  | 20.050  | ug/l   | 99  |
| 37) Ethyl Acetate            | 4.715 | 43  | 116433  | 21.205  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 5.678 | 117 | 101075  | 20.214  | ug/l   | 96  |
| 39) Methylcyclohexane        | 7.379 | 83  | 124357  | 20.675  | ug/l   | 95  |
| 40) Benzene                  | 6.038 | 78  | 306892  | 20.872  | ug/l   | 99  |

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 Acq On : 10 Mar 2023 11:13  
 Operator : JC/MD  
 Sample : VSTDICC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC020

Quant Time: Mar 13 14:52:58 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031023W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 13 10:29:32 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 62758    | 20.855  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 111380   | 20.611  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 195973   | 21.068  | ug/l   | 99       |
| 44) Trichloroethene           | 7.123  | 130  | 77773    | 20.358  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 81114    | 21.128  | ug/l   | 98       |
| 46) Dibromomethane            | 7.580  | 93   | 54279    | 20.796  | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.824  | 83   | 104348   | 20.657  | ug/l   | 100      |
| 48) Methyl methacrylate       | 7.690  | 41   | 92369    | 20.647  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 7.653  | 88   | 41506    | 441.709 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 600139   | 111.215 | ug/l   | 98       |
| 52) Toluene                   | 8.720  | 92   | 192231   | 21.117  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 116855   | 20.533  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 127315   | 20.678  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 78692    | 21.782  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 124186   | 20.936  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 134881   | 21.007  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 309069   | 101.105 | ug/l   | 100      |
| 59) 2-Hexanone                | 9.427  | 43   | 447918   | 107.379 | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.519  | 129  | 78794    | 20.796  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 82241    | 21.096  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 61961    | 20.571  | ug/l   | 98       |
| 65) Chlorobenzene             | 10.080 | 112  | 201624   | 20.494  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 73815    | 20.601  | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.195 | 91   | 367606   | 20.872  | ug/l   | 100      |
| 68) m/p-Xylenes               | 10.299 | 106  | 284141   | 41.998  | ug/l   | 99       |
| 69) o-Xylene                  | 10.640 | 106  | 140626   | 20.712  | ug/l   | 100      |
| 70) Styrene                   | 10.653 | 104  | 230100   | 21.005  | ug/l   | 98       |
| 71) Bromoform                 | 10.799 | 173  | 55591    | 20.155  | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.964 | 105  | 364604   | 21.110  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.842 | 43   | 178782   | 21.611  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane | 11.214 | 83   | 123471   | 21.423  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 137620   | 26.820  | ug/l   | 83       |
| 77) Bromobenzene              | 11.195 | 156  | 86373    | 20.844  | ug/l   | 95       |
| 78) n-propylbenzene           | 11.305 | 91   | 425475   | 21.330  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 256991   | 20.861  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 304261   | 21.002  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 38000    | 20.035  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 296802   | 20.917  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 305580   | 20.921  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 309274   | 20.889  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 374993   | 21.000  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 311533   | 20.758  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 165181   | 20.344  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 167186   | 20.364  | ug/l   | 100      |
| 89) n-Butylbenzene            | 12.335 | 91   | 274866   | 20.602  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.536 | 117  | 56203    | 20.239  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 163842   | 20.881  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 26911    | 20.551  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 101025   | 20.589  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 39582    | 20.024  | ug/l   | 97       |
| 95) Naphthalene               | 13.774 | 128  | 349603   | 21.247  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 97724    | 20.374  | ug/l   | 99       |

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Operator : JC/MD  
Sample : VSTDICC020  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 5 Sample Multiplier: 1

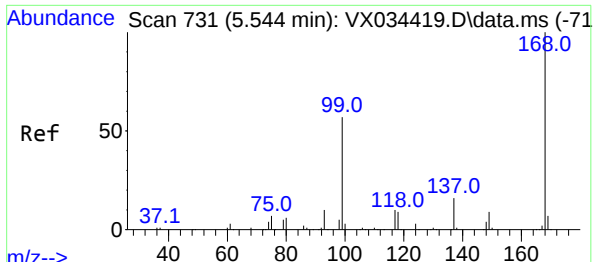
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

Quant Time: Mar 13 14:52:58 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031023W.M  
Quant Title : SW846 8260  
QLast Update : Mon Mar 13 10:29:32 2023  
Response via : Initial Calibration

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

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

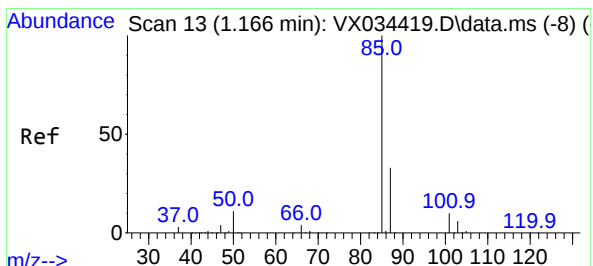
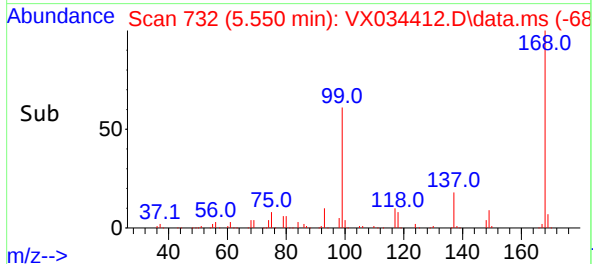
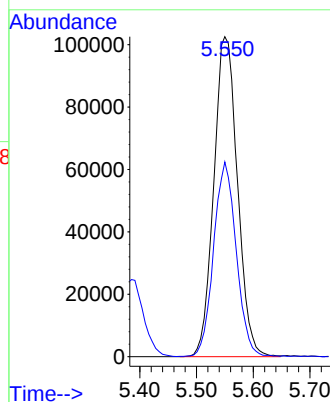
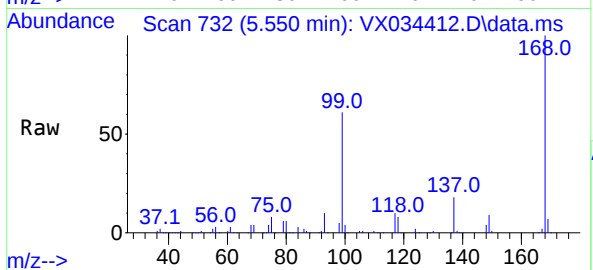




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

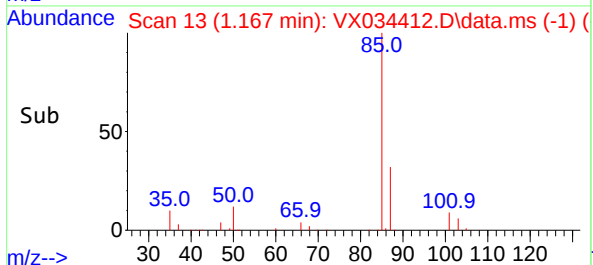
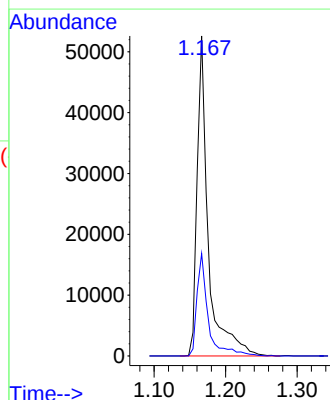
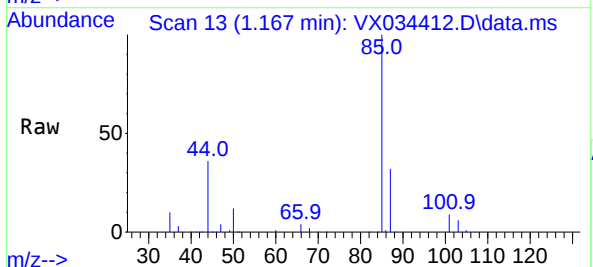
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

Tgt Ion:168 Resp: 297482  
Ion Ratio Lower Upper  
168 100  
99 60.7 45.7 68.5

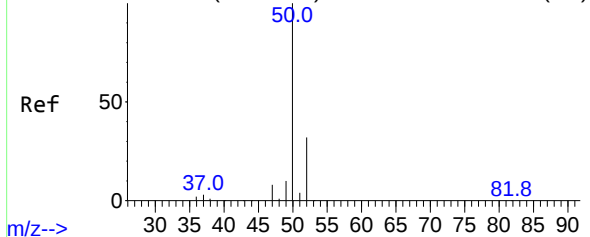


#2  
Dichlorodifluoromethane  
Concen: 20.465 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion: 85 Resp: 56755  
Ion Ratio Lower Upper  
85 100  
87 32.0 16.4 49.1



Abundance Scan 35 (1.301 min): VX034419.D\data.ms (-30)



#3

Chloromethane

Concen: 22.083 ug/l

RT: 1.307 min Scan# 3

Delta R.T. 0.006 min

Lab File: VX034412.D

Acq: 10 Mar 2023 11:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC020

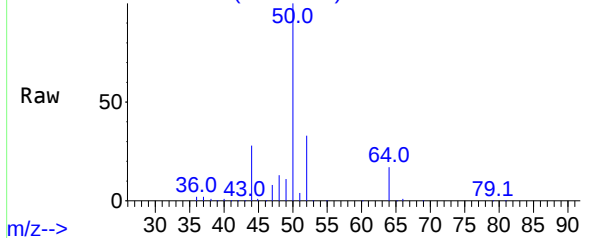
Tgt Ion: 50 Resp: 95851

Ion Ratio Lower Upper

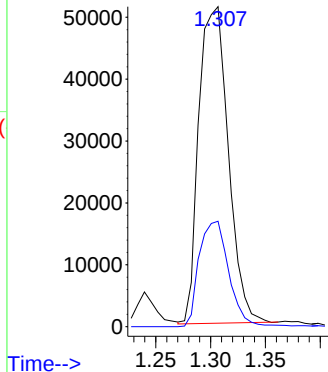
50 100

52 33.4 25.9 38.9

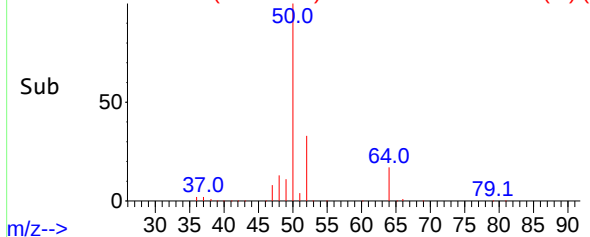
Abundance Scan 36 (1.307 min): VX034412.D\data.ms



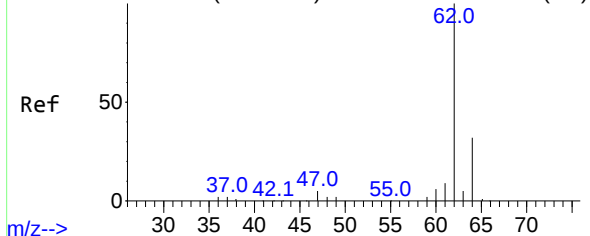
Abundance



Abundance Scan 36 (1.307 min): VX034412.D\data.ms (-1) (



Abundance Scan 47 (1.374 min): VX034419.D\data.ms (-41)



#4

Vinyl Chloride

Concen: 21.504 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX034412.D

Acq: 10 Mar 2023 11:13

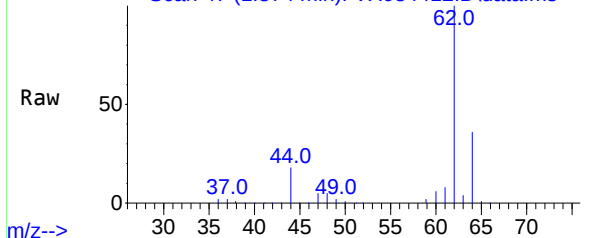
Tgt Ion: 62 Resp: 81202

Ion Ratio Lower Upper

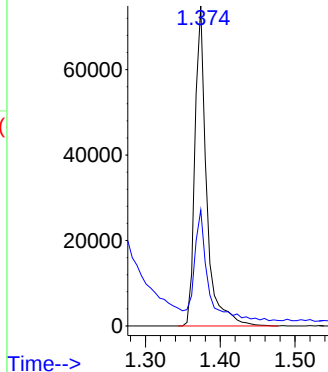
62 100

64 34.6 26.4 39.6

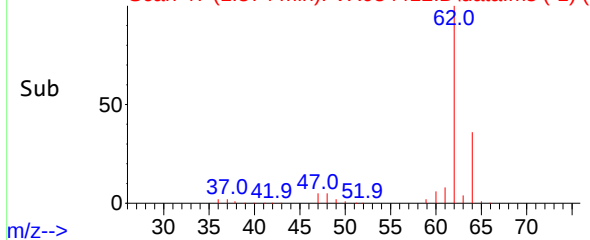
Abundance Scan 47 (1.374 min): VX034412.D\data.ms

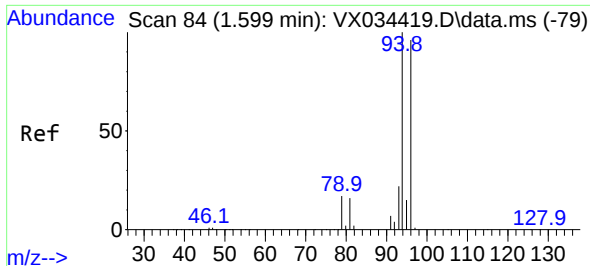


Abundance



Abundance Scan 47 (1.374 min): VX034412.D\data.ms (-1) (

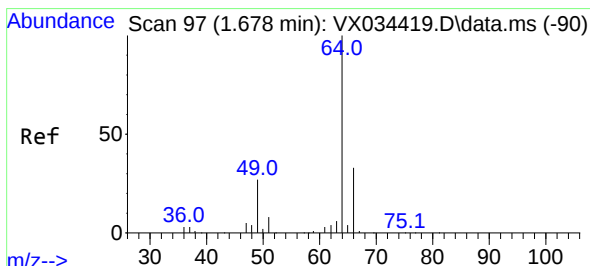
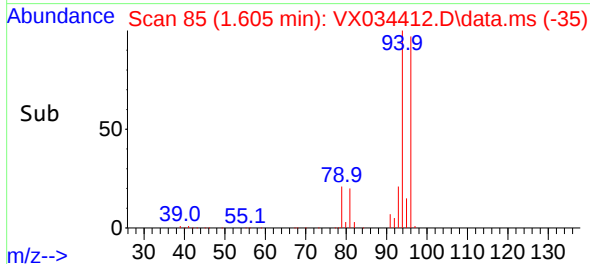
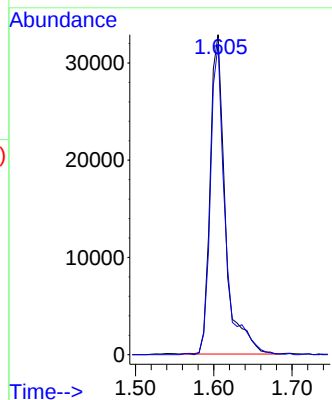
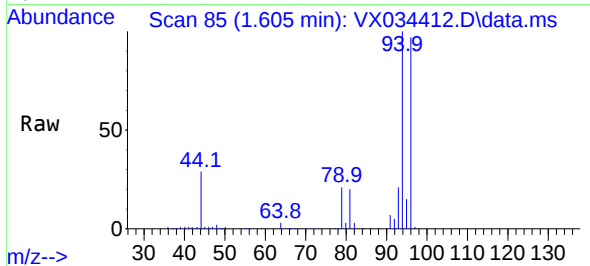




#5  
Bromomethane  
Concen: 23.050 ug/l  
RT: 1.605 min Scan# 84  
Delta R.T. 0.006 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

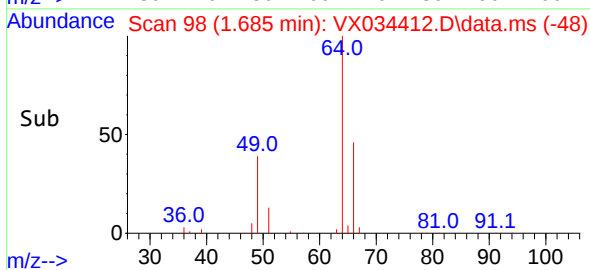
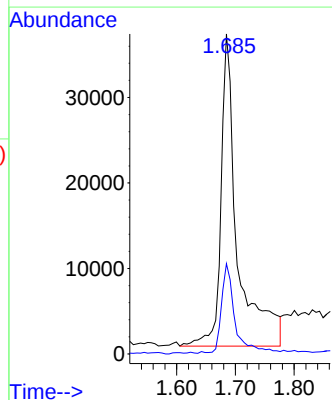
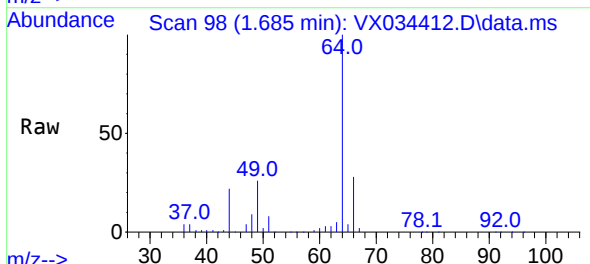
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

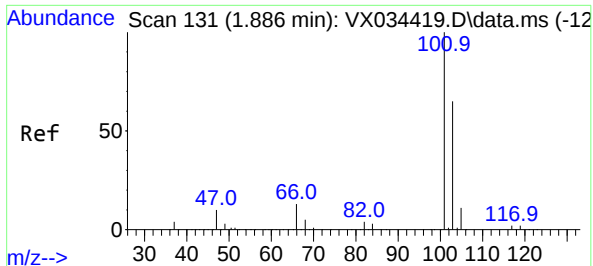
Tgt Ion: 94 Resp: 43917  
Ion Ratio Lower Upper  
94 100  
96 97.2 77.0 115.6



#6  
Chloroethane  
Concen: 32.815 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. 0.007 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion: 64 Resp: 71346  
Ion Ratio Lower Upper  
64 100  
66 28.5 26.2 39.4

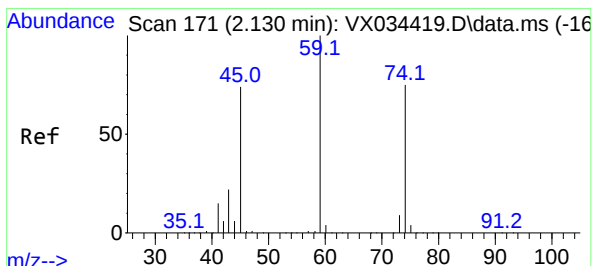
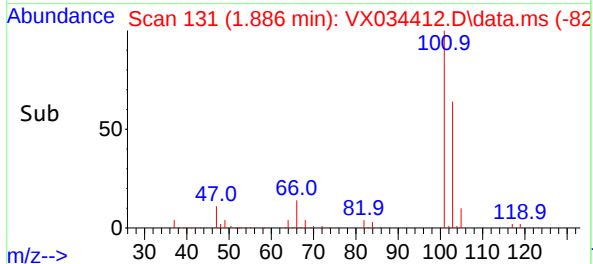
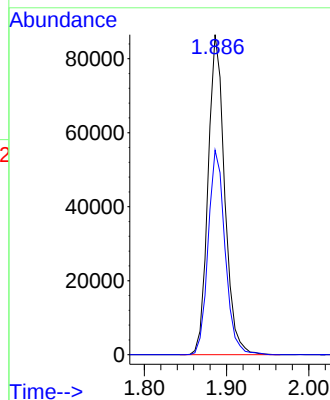
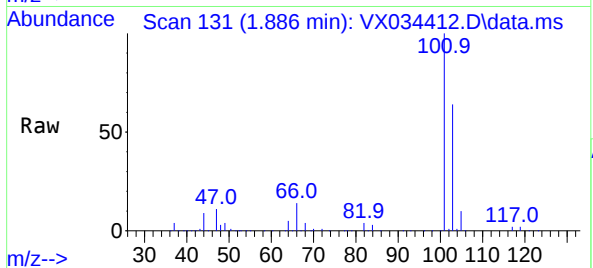




#7  
Trichlorofluoromethane  
Concen: 21.329 ug/l  
RT: 1.886 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

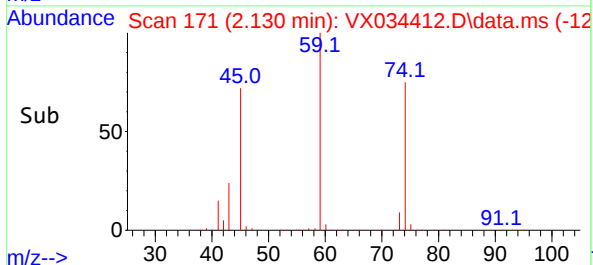
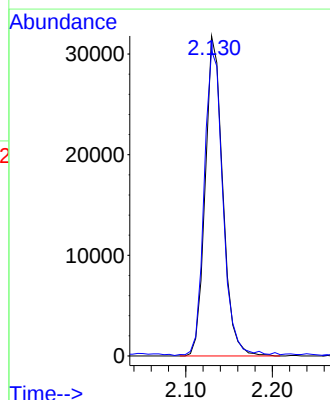
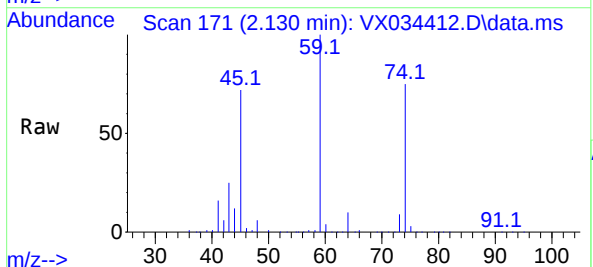
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

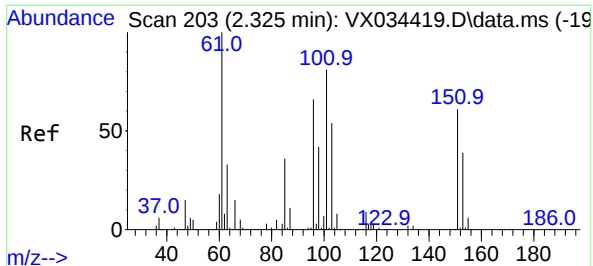
Tgt Ion:101 Resp: 121024  
Ion Ratio Lower Upper  
101 100  
103 63.9 52.0 78.0



#8  
Diethyl Ether  
Concen: 21.591 ug/l  
RT: 2.130 min Scan# 171  
Delta R.T. -0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion: 74 Resp: 44722  
Ion Ratio Lower Upper  
74 100  
45 101.4 49.8 149.3

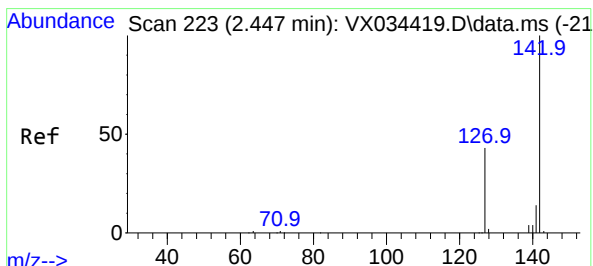
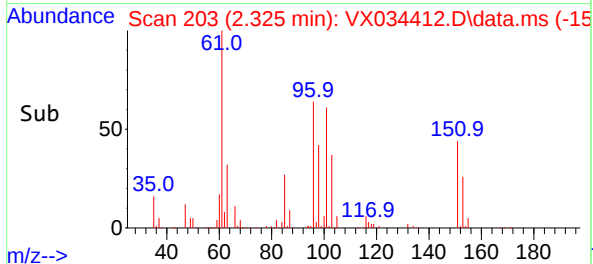
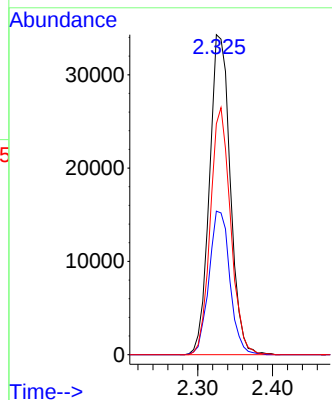
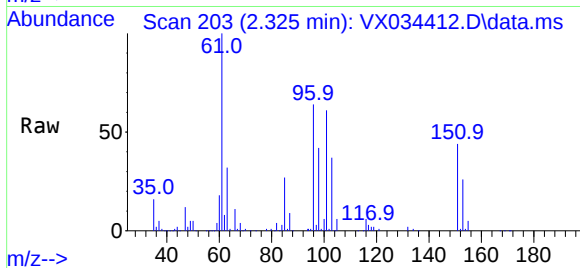




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.099 ug/l  
RT: 2.325 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

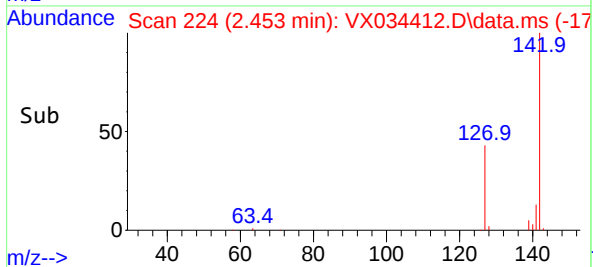
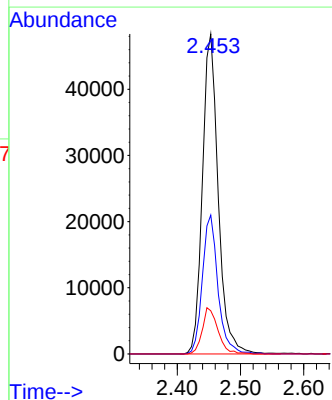
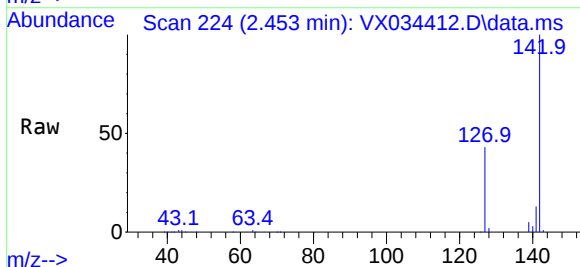
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

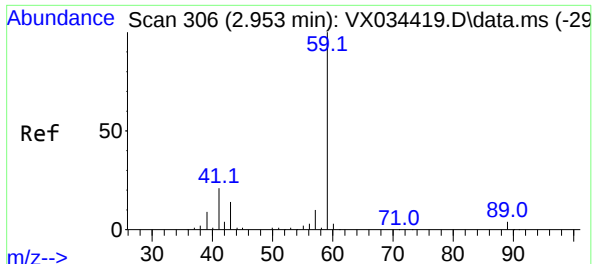
Tgt Ion:101 Resp: 66463  
Ion Ratio Lower Upper  
101 100  
85 45.0 35.4 53.2  
151 75.2 60.2 90.4



#10  
Methyl Iodide  
Concen: 19.404 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.006 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion:142 Resp: 84243  
Ion Ratio Lower Upper  
142 100  
127 42.9 34.0 51.0  
141 14.3 11.1 16.7





#11

Tert butyl alcohol

Concen: 102.101 ug/l

RT: 2.953 min Scan# 306

Delta R.T. 0.000 min

Lab File: VX034412.D

Acq: 10 Mar 2023 11:13

Instrument :

MSVOA\_X

ClientSampleId :

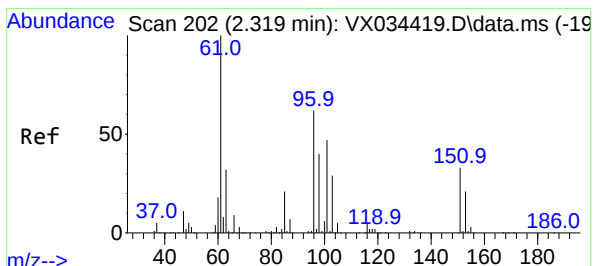
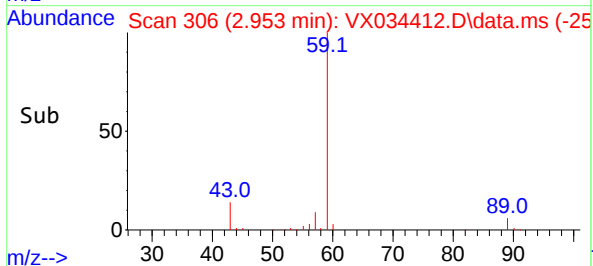
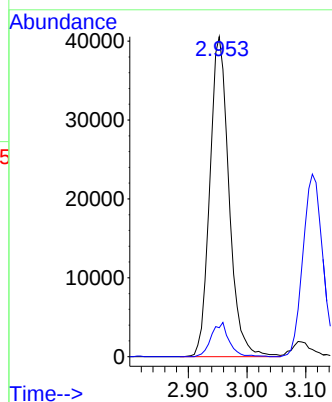
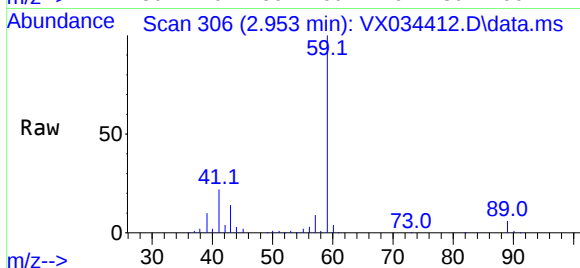
VSTDICC020

Tgt Ion: 59 Resp: 92016

Ion Ratio Lower Upper

59 100

57 10.0 8.1 12.1



#12

1,1-Dichloroethene

Concen: 20.374 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX034412.D

Acq: 10 Mar 2023 11:13

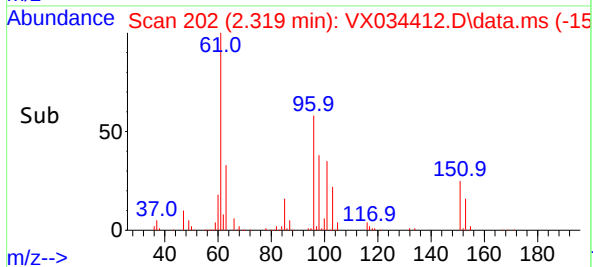
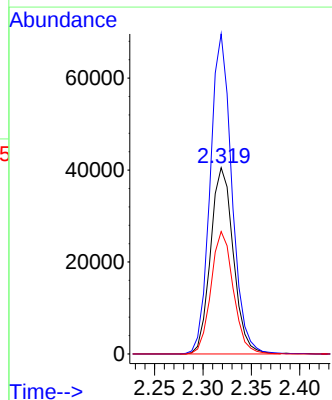
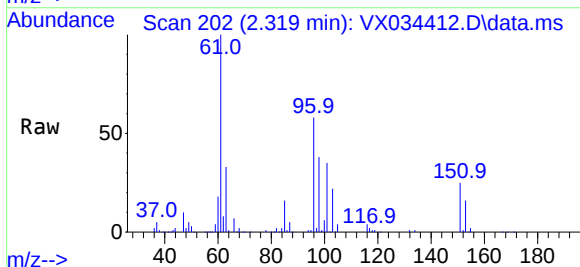
Tgt Ion: 96 Resp: 66349

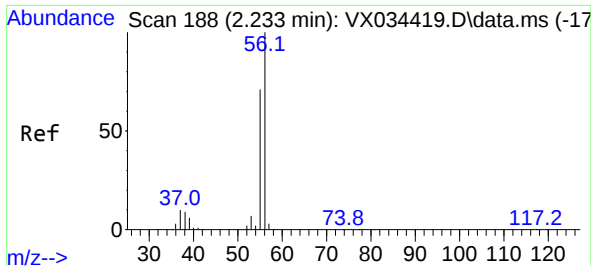
Ion Ratio Lower Upper

96 100

61 171.8 128.8 193.2

98 65.7 51.4 77.0

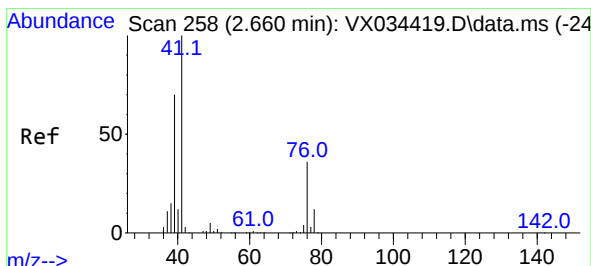
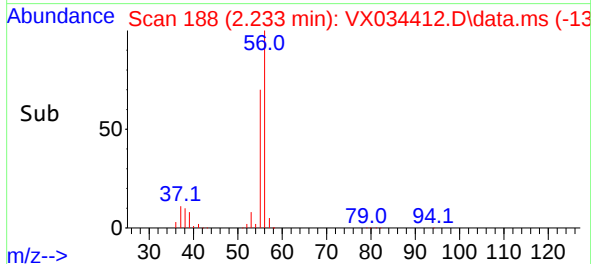
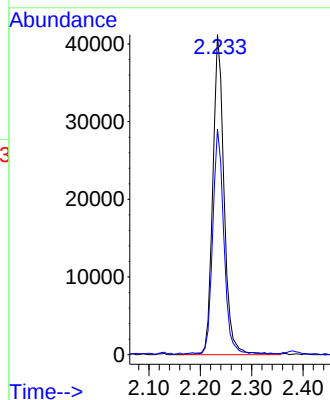
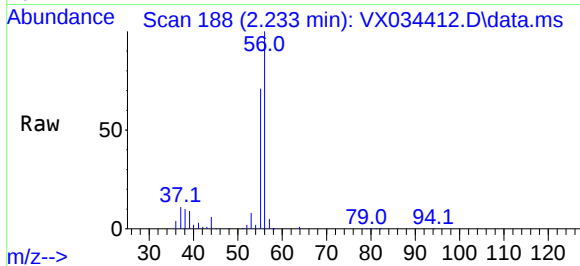




#13  
Acrolein  
Concen: 87.976 ug/l  
RT: 2.233 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

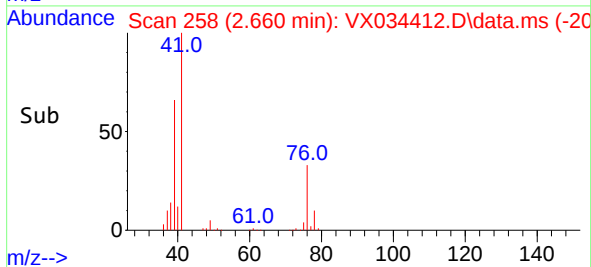
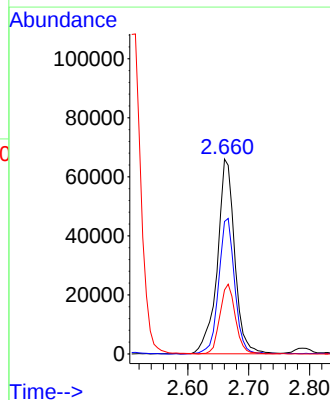
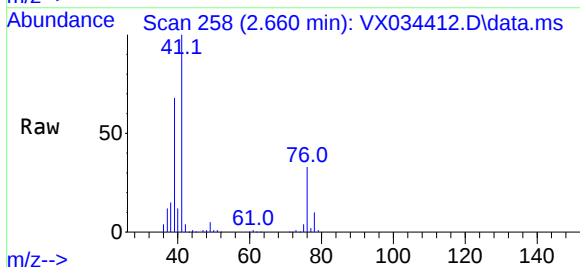
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

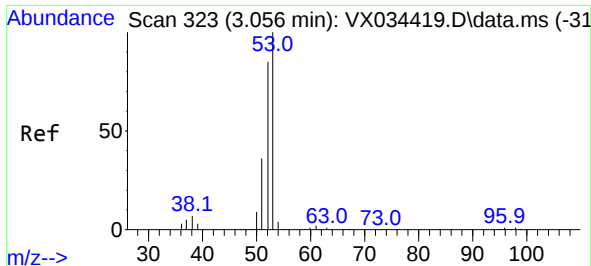
Tgt Ion: 56 Resp: 62723  
Ion Ratio Lower Upper  
56 100  
55 68.9 56.6 85.0



#14  
Allyl chloride  
Concen: 19.806 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion: 41 Resp: 130770  
Ion Ratio Lower Upper  
41 100  
39 64.0 52.4 78.6  
76 32.0 26.0 39.0

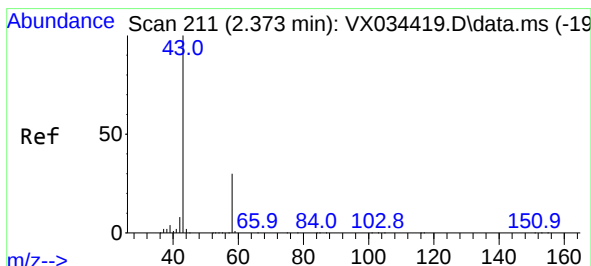
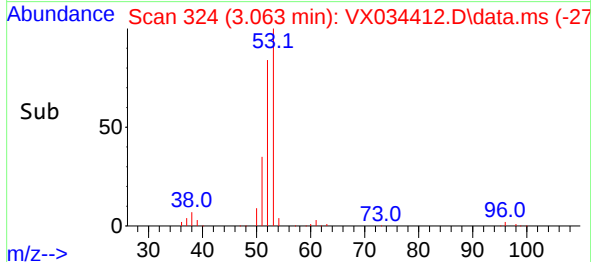
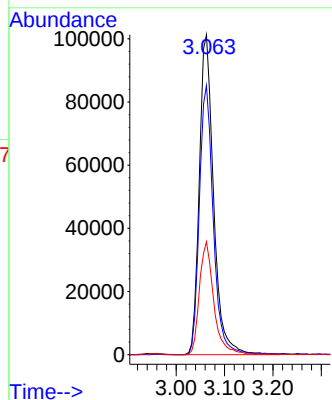
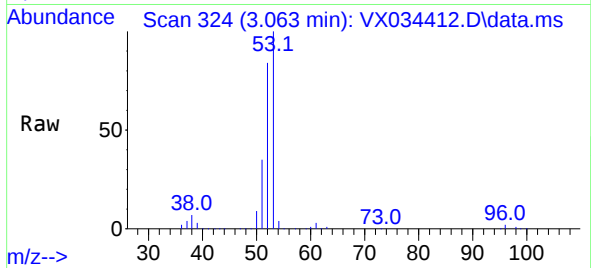




#15  
Acrylonitrile  
Concen: 106.744 ug/l  
RT: 3.063 min Scan# 31  
Delta R.T. 0.007 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

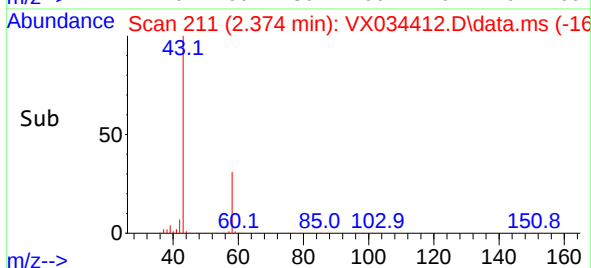
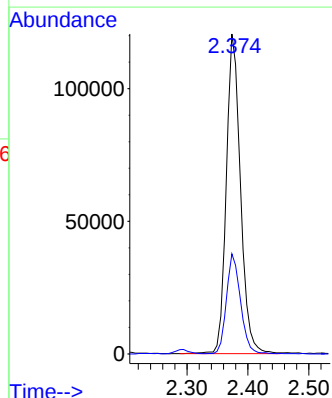
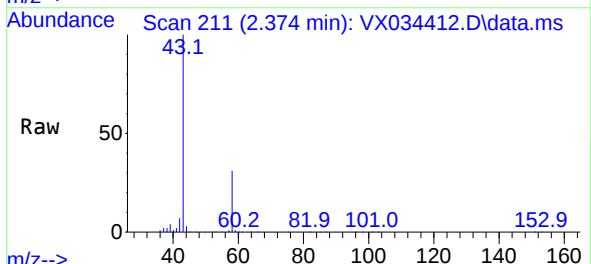
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

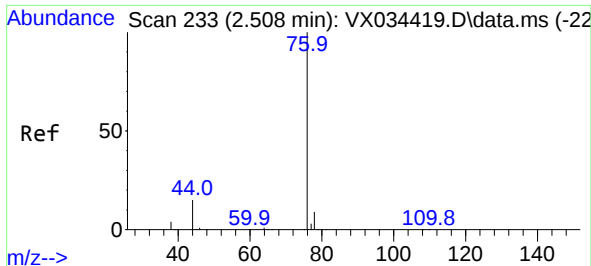
Tgt Ion: 53 Resp: 207810  
Ion Ratio Lower Upper  
53 100  
52 82.0 66.2 99.2  
51 35.6 28.3 42.5



#16  
Acetone  
Concen: 95.612 ug/l  
RT: 2.374 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion: 43 Resp: 194914  
Ion Ratio Lower Upper  
43 100  
58 31.2 24.7 37.1

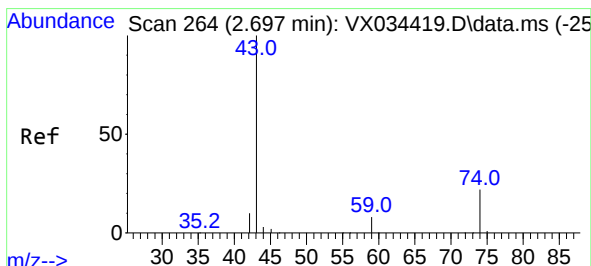
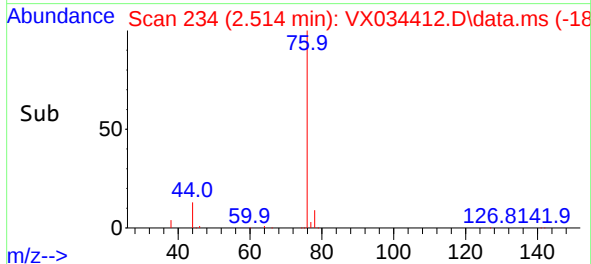
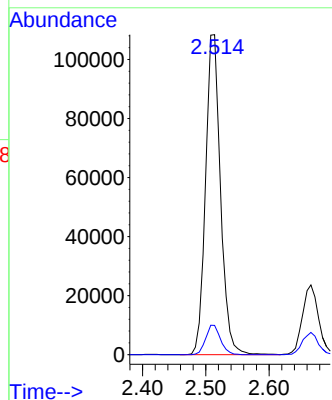
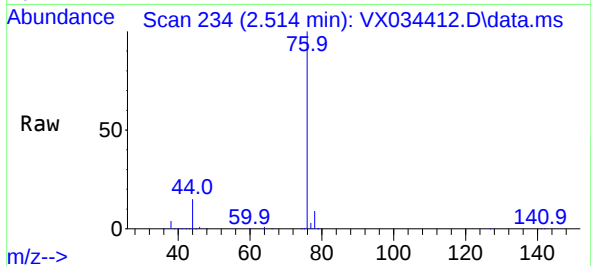




#17  
Carbon Disulfide  
Concen: 19.527 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

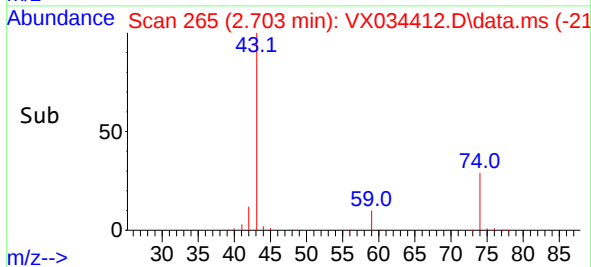
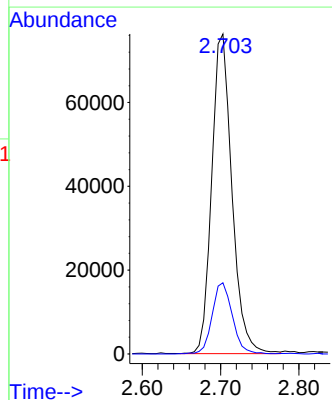
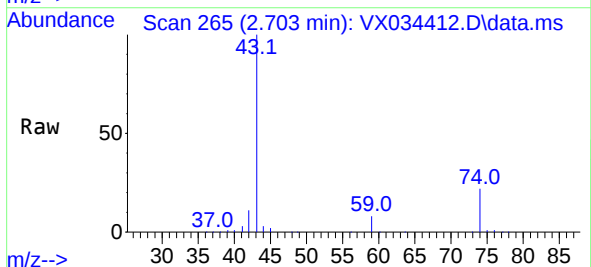
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

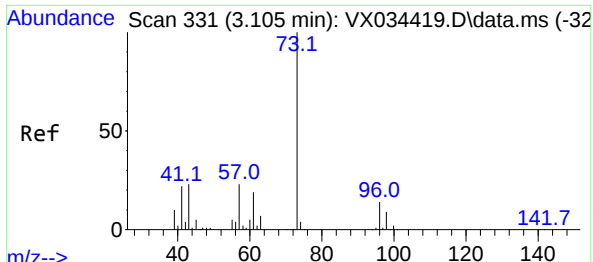
Tgt Ion: 76 Resp: 178959  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.2 10.8



#18  
Methyl Acetate  
Concen: 20.516 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. 0.006 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion: 43 Resp: 136659  
Ion Ratio Lower Upper  
43 100  
74 22.3 18.3 27.5

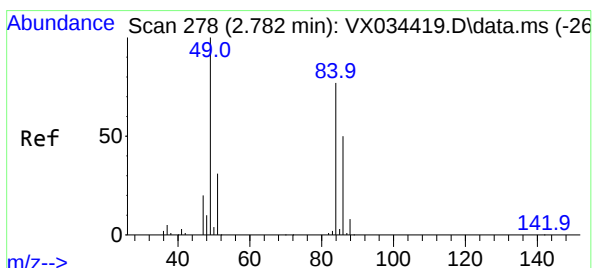
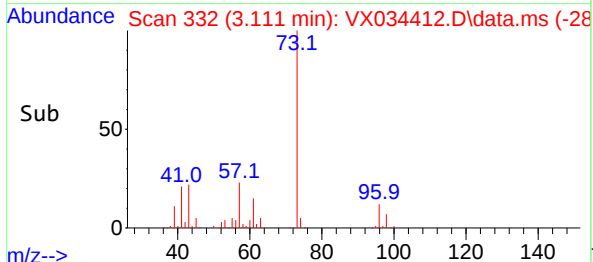
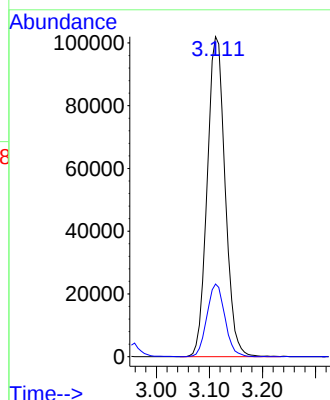
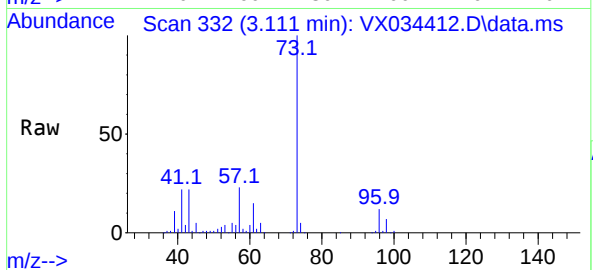




#19  
Methyl tert-butyl Ether  
Concen: 20.524 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.006 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

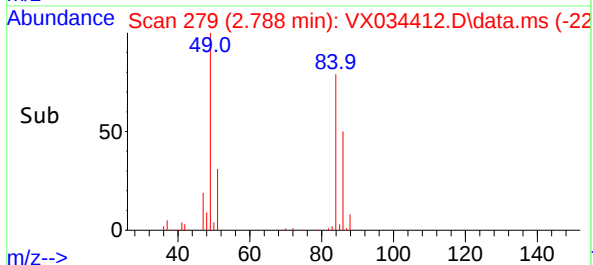
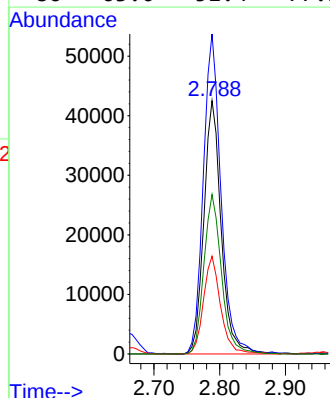
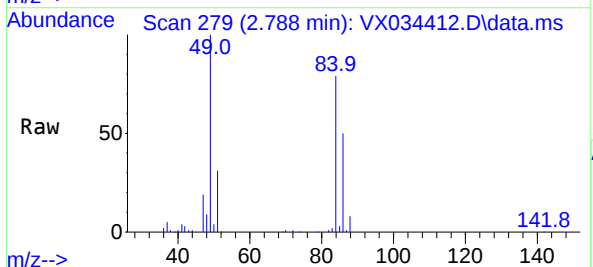
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

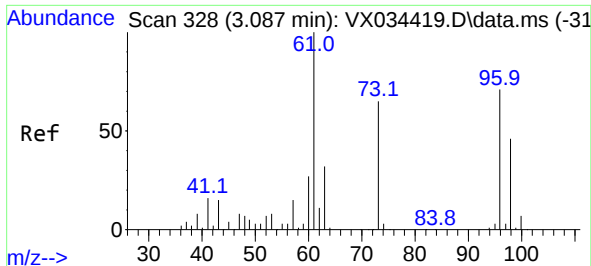
Tgt Ion: 73 Resp: 239319  
Ion Ratio Lower Upper  
73 100  
57 22.7 18.5 27.7



#20  
Methylene Chloride  
Concen: 19.700 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.006 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion: 84 Resp: 77944  
Ion Ratio Lower Upper  
84 100  
49 126.4 103.8 155.8  
51 38.6 31.8 47.8  
86 63.0 51.4 77.2

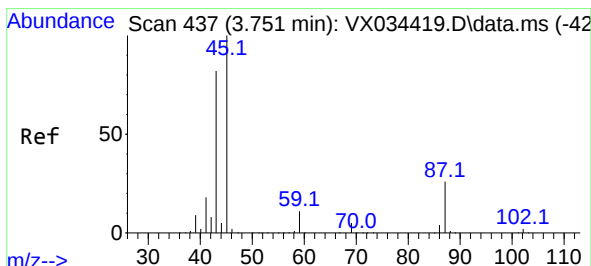
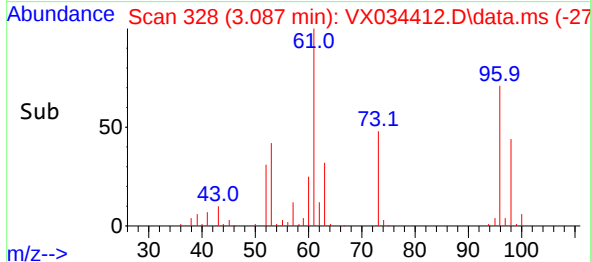
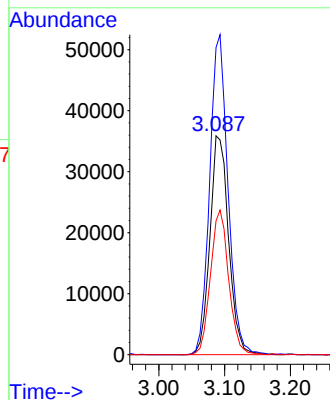
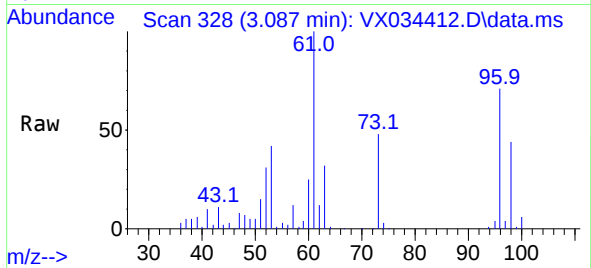




#21  
trans-1,2-Dichloroethene  
Concen: 20.513 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

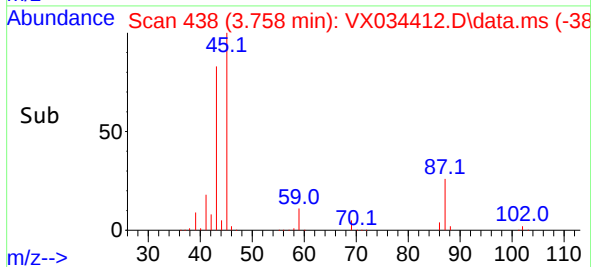
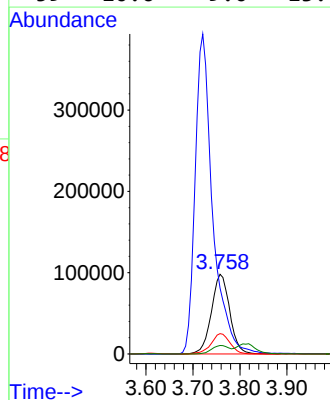
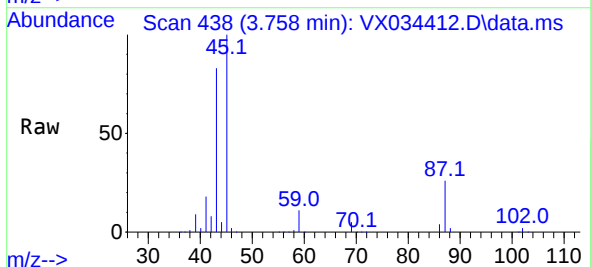
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

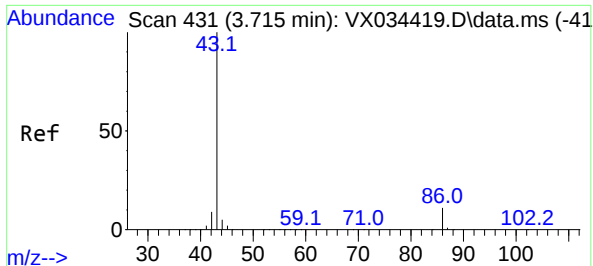
Tgt Ion: 96 Resp: 70944  
Ion Ratio Lower Upper  
96 100  
61 140.4 113.0 169.6  
98 61.2 52.1 78.1



#22  
Diisopropyl ether  
Concen: 21.026 ug/l  
RT: 3.758 min Scan# 438  
Delta R.T. 0.006 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion: 45 Resp: 264680  
Ion Ratio Lower Upper  
45 100  
43 82.5 65.4 98.2  
87 25.6 20.6 31.0  
59 10.6 9.0 13.6

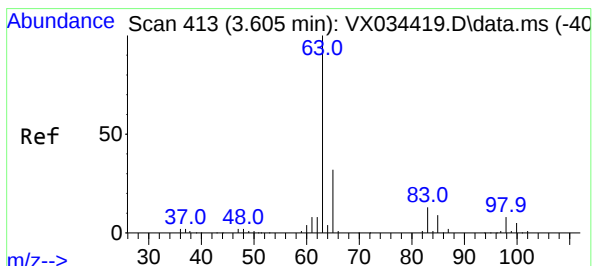
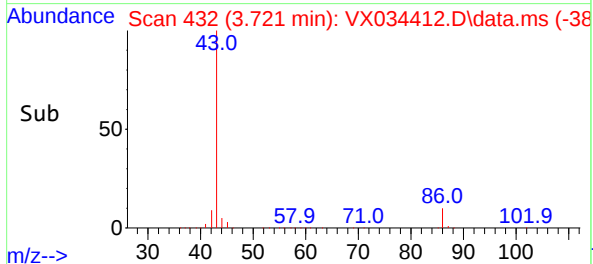
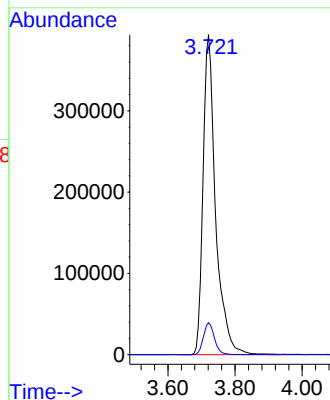
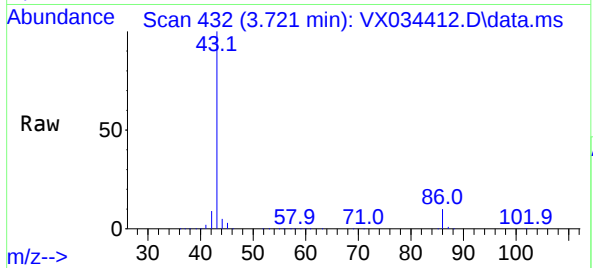




#23  
 Vinyl Acetate  
 Concen: 106.974 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. 0.006 min  
 Lab File: VX034412.D  
 Acq: 10 Mar 2023 11:13

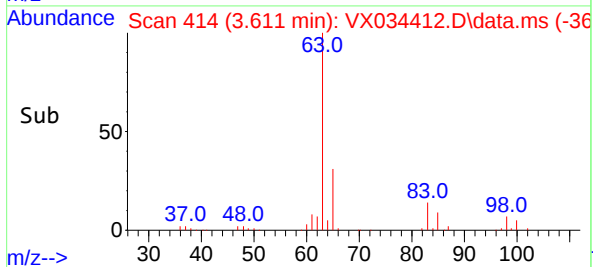
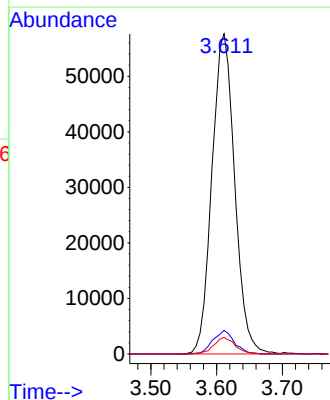
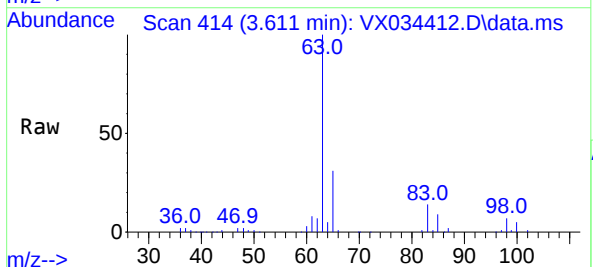
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC020

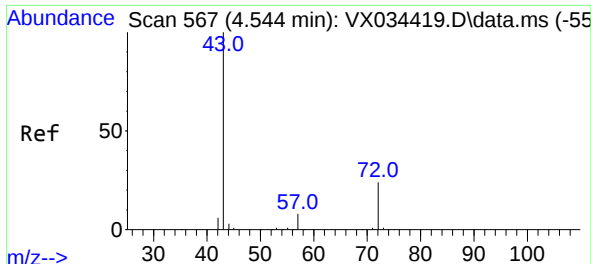
Tgt Ion: 43 Resp: 1024852  
 Ion Ratio Lower Upper  
 43 100  
 86 10.0 8.5 12.7



#24  
 1,1-Dichloroethane  
 Concen: 20.543 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.006 min  
 Lab File: VX034412.D  
 Acq: 10 Mar 2023 11:13

Tgt Ion: 63 Resp: 139008  
 Ion Ratio Lower Upper  
 63 100  
 98 7.4 3.8 11.2  
 100 5.1 2.4 7.1

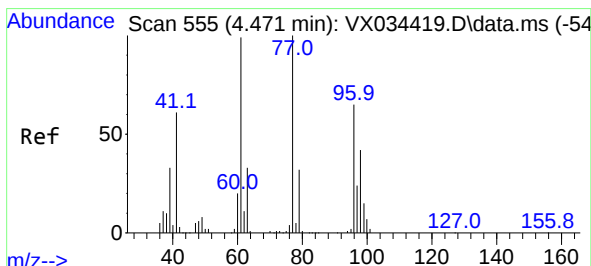
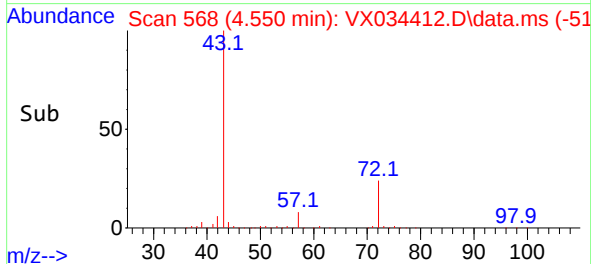
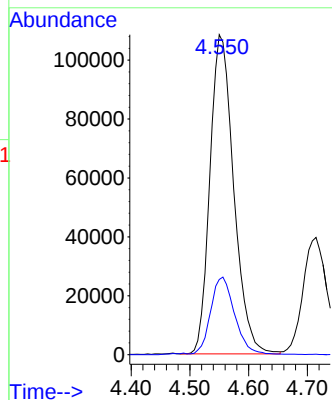
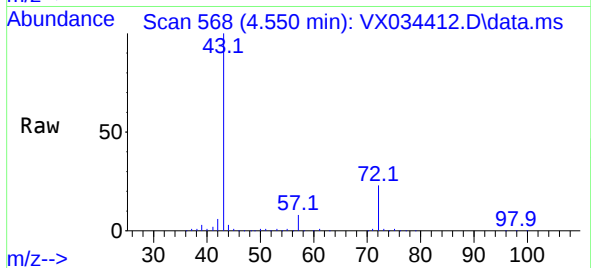




#25  
2-Butanone  
Concen: 104.453 ug/l  
RT: 4.550 min Scan# 50  
Delta R.T. 0.006 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

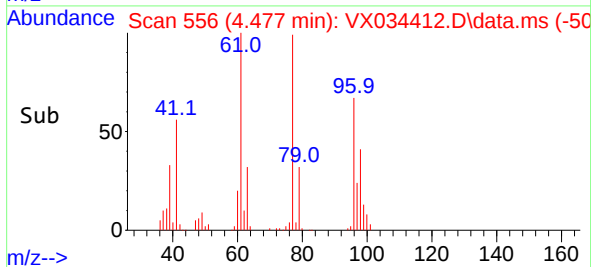
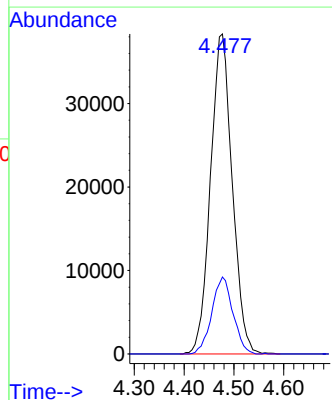
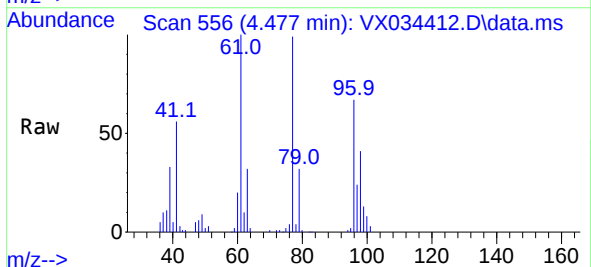
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

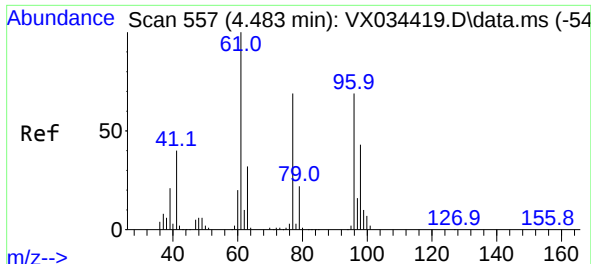
Tgt Ion: 43 Resp: 304682  
Ion Ratio Lower Upper  
43 100  
72 23.4 19.3 28.9



#26  
2,2-Dichloropropane  
Concen: 19.720 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.006 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion: 77 Resp: 115994  
Ion Ratio Lower Upper  
77 100  
97 23.4 11.4 34.1

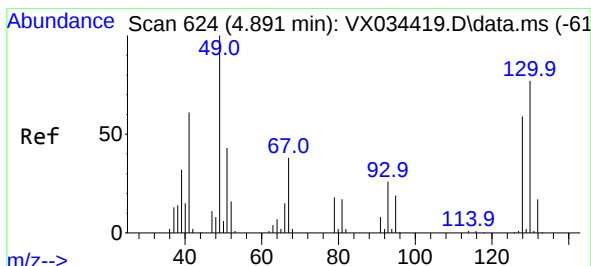
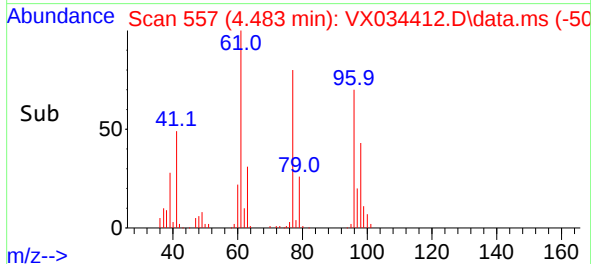
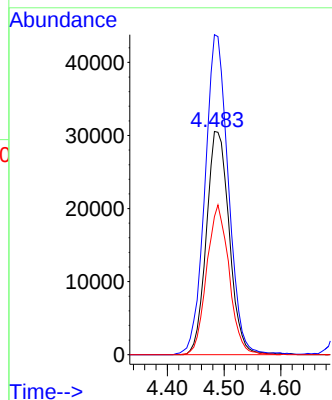
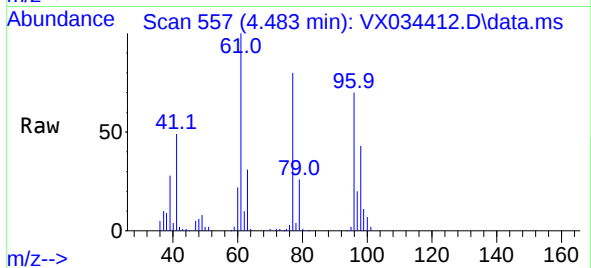




#27  
cis-1,2-Dichloroethene  
Concen: 20.578 ug/l  
RT: 4.483 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

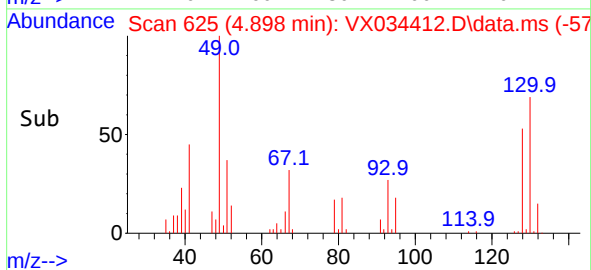
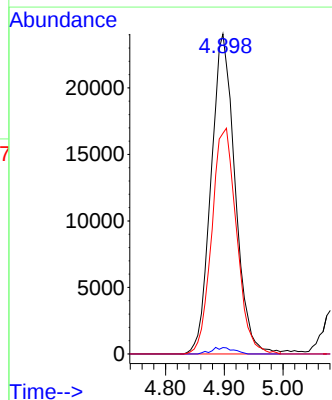
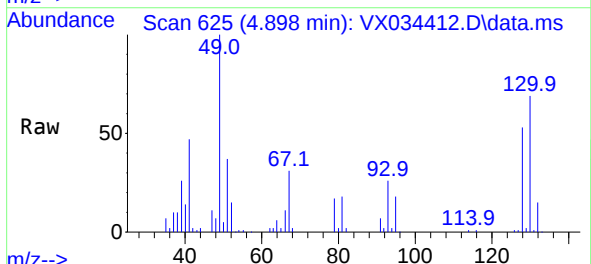
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

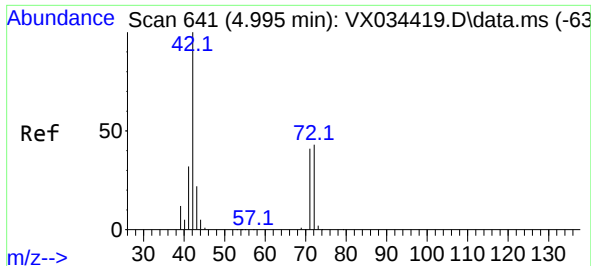
Tgt Ion: 96 Resp: 85674  
Ion Ratio Lower Upper  
96 100  
61 146.2 0.0 300.4  
98 65.6 0.0 129.0



#28  
Bromochloromethane  
Concen: 21.689 ug/l  
RT: 4.898 min Scan# 625  
Delta R.T. 0.006 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion: 49 Resp: 68242  
Ion Ratio Lower Upper  
49 100  
129 1.9 0.0 4.0  
130 73.0 58.2 87.2



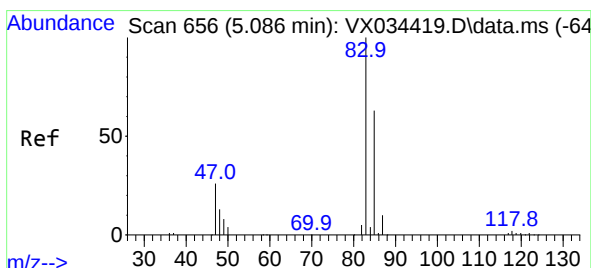
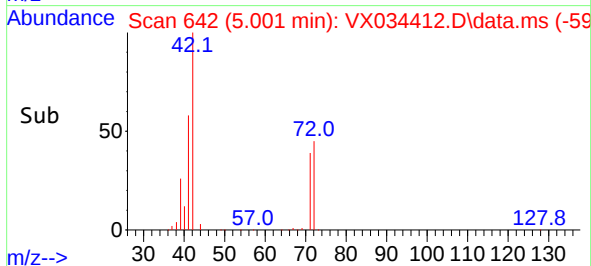
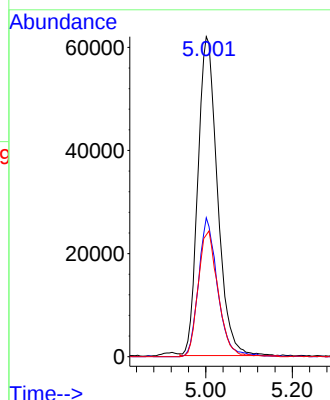
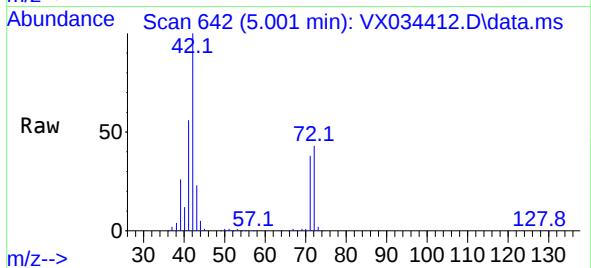


#29  
Tetrahydrofuran  
Concen: 107.787 ug/l  
RT: 5.001 min Scan# 641  
Delta R.T. 0.006 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

Tgt Ion: 42 Resp: 194008  

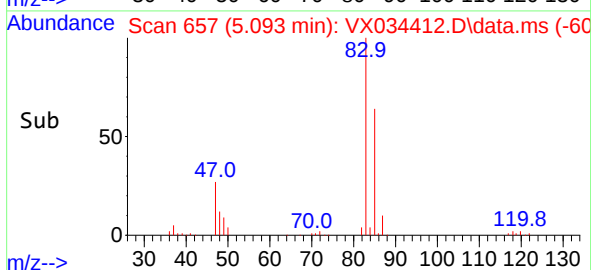
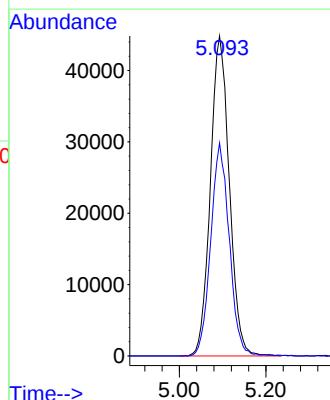
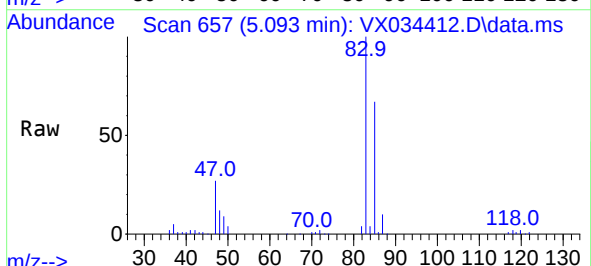
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 42.3  | 34.5  | 51.7  |
| 71  | 40.2  | 32.1  | 48.1  |

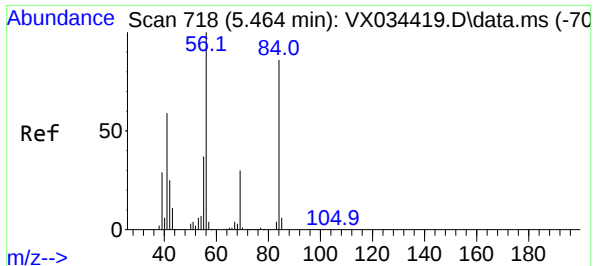


#30  
Chloroform  
Concen: 20.548 ug/l  
RT: 5.093 min Scan# 657  
Delta R.T. 0.006 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion: 83 Resp: 136295  

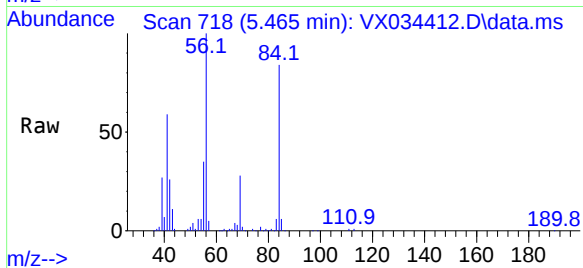
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 66.6  | 50.6  | 76.0  |



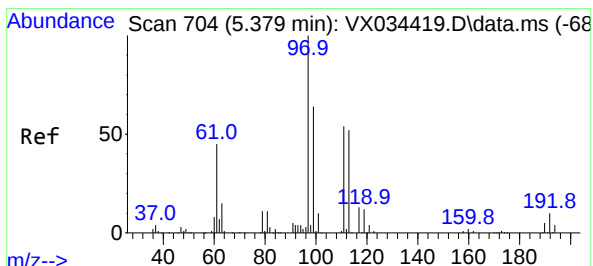
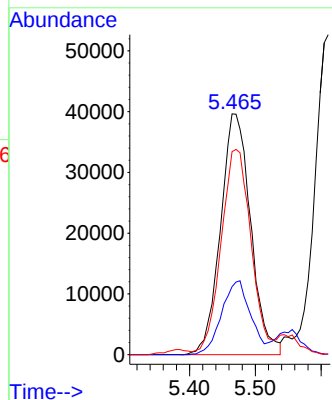
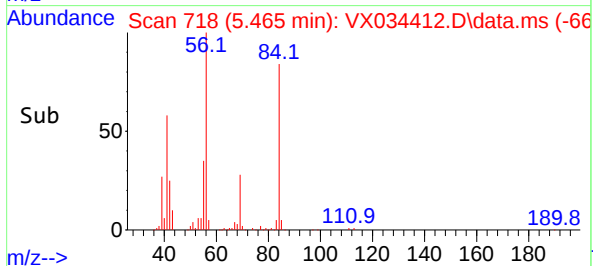


#31  
Cyclohexane  
Concen: 20.857 ug/l  
RT: 5.465 min Scan# 718  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

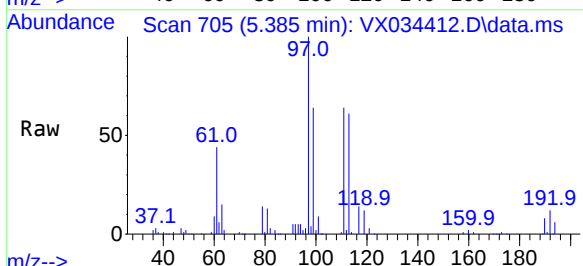
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020



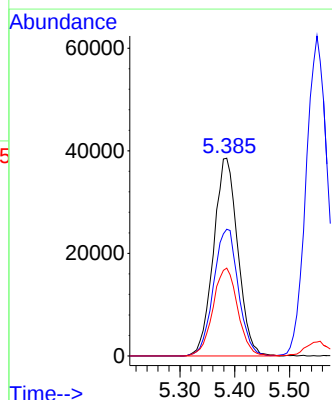
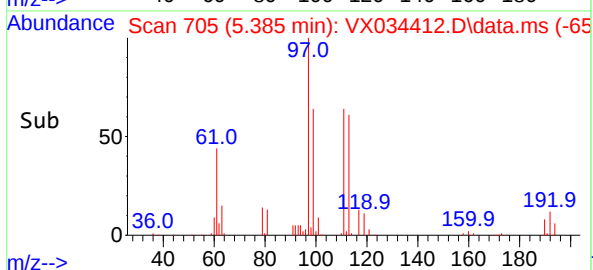
Tgt Ion: 56 Resp: 126593  
Ion Ratio Lower Upper  
56 100  
69 28.3 23.7 35.5  
84 82.2 68.5 102.7

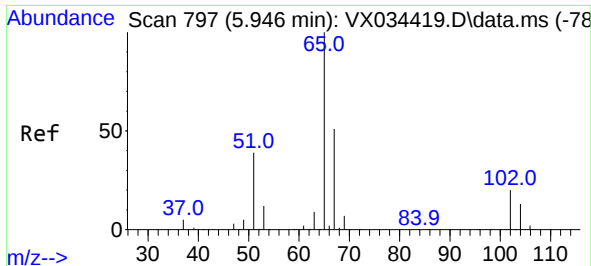


#32  
1,1,1-Trichloroethane  
Concen: 20.168 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13



Tgt Ion: 97 Resp: 118426  
Ion Ratio Lower Upper  
97 100  
99 65.6 51.1 76.7  
61 45.5 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 20.601 ug/l

RT: 5.958 min Scan# 79

Delta R.T. 0.012 min

Lab File: VX034412.D

Acq: 10 Mar 2023 11:13

Instrument :

MSVOA\_X

ClientSampleId :

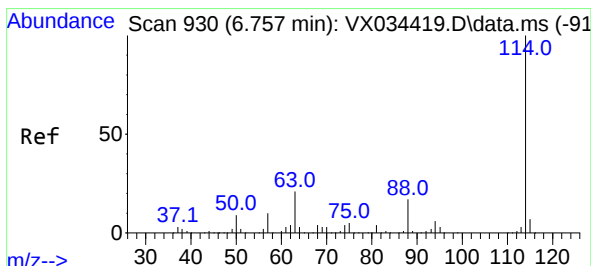
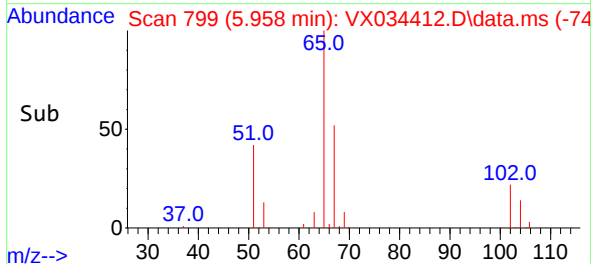
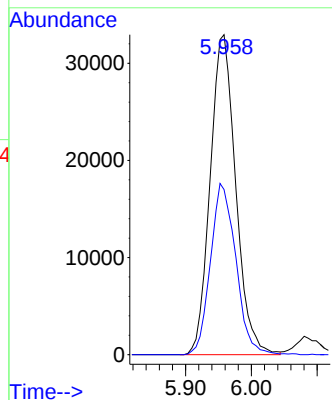
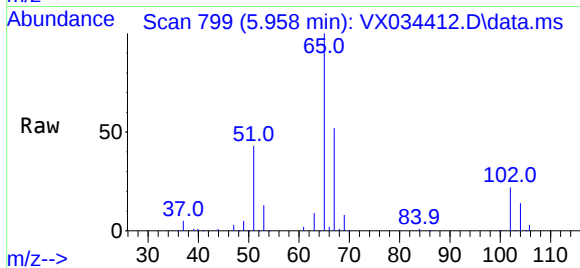
VSTDIC020

Tgt Ion: 65 Resp: 89158

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034412.D

Acq: 10 Mar 2023 11:13

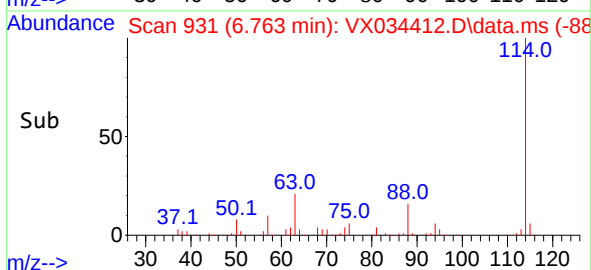
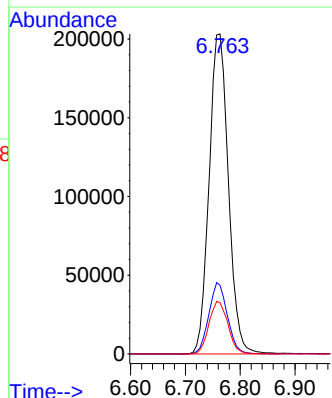
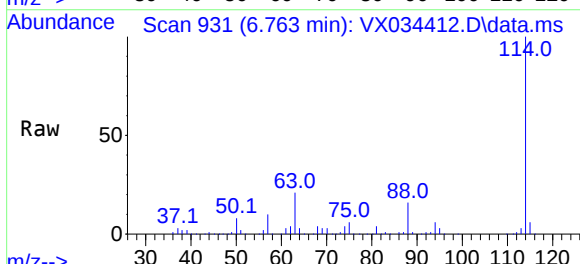
Tgt Ion: 114 Resp: 495632

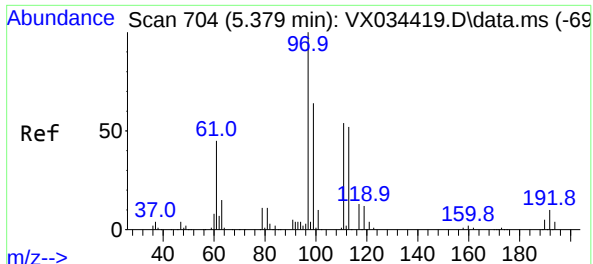
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.2

88 16.1 0.0 33.2

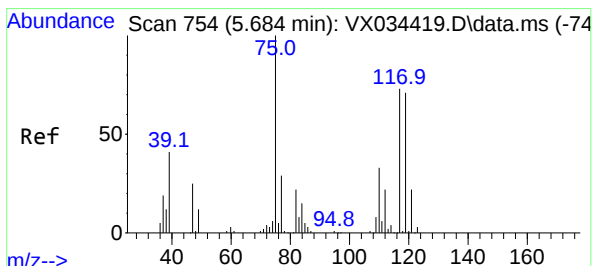
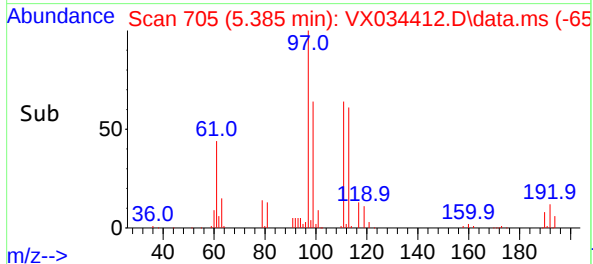
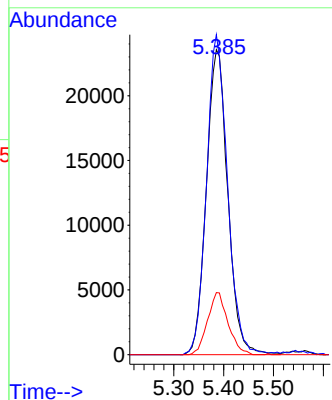
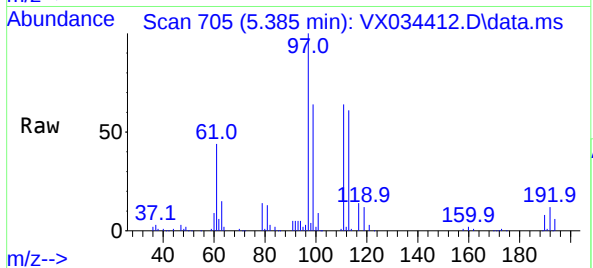




#35  
Dibromofluoromethane  
Concen: 21.509 ug/l  
RT: 5.385 min Scan# 704  
Delta R.T. 0.006 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

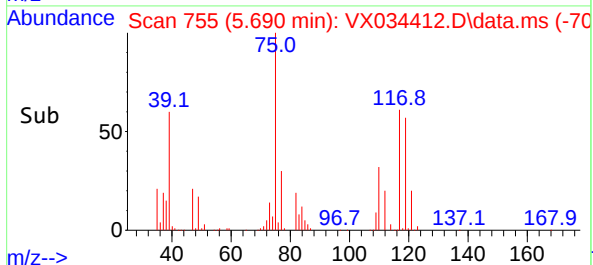
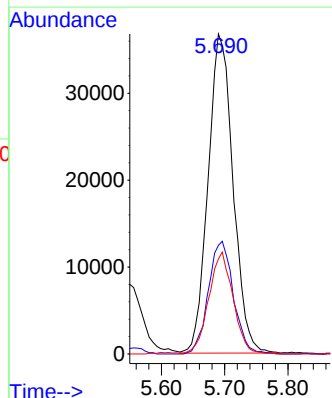
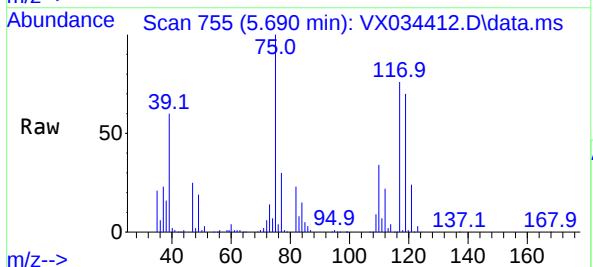
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

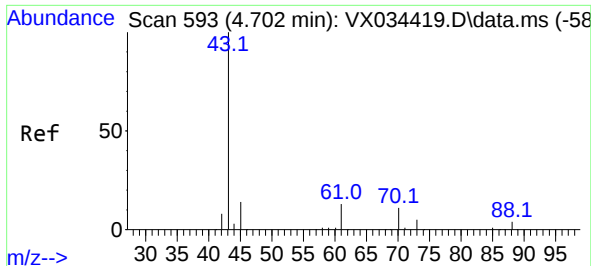
Tgt Ion:113 Resp: 70386  
Ion Ratio Lower Upper  
113 100  
111 102.4 83.7 125.5  
192 19.4 15.4 23.2



#36  
1,1-Dichloropropene  
Concen: 20.050 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. 0.006 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion: 75 Resp: 100777  
Ion Ratio Lower Upper  
75 100  
110 35.5 17.5 52.5  
77 31.0 24.3 36.5





#37

Ethyl Acetate

Concen: 21.205 ug/l

RT: 4.715 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX034412.D

Acq: 10 Mar 2023 11:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC020

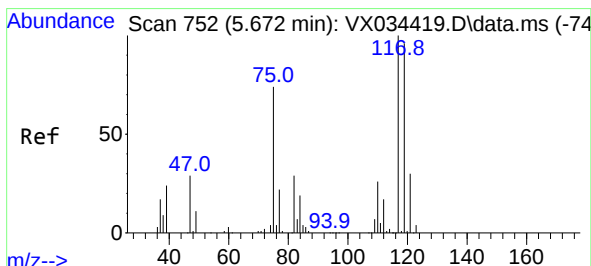
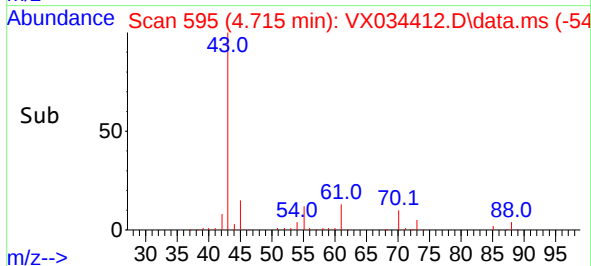
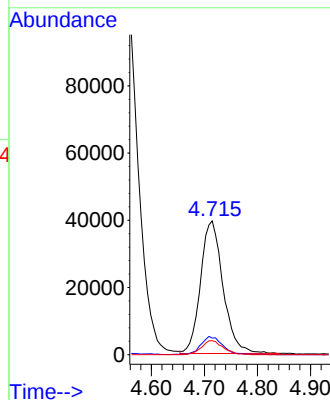
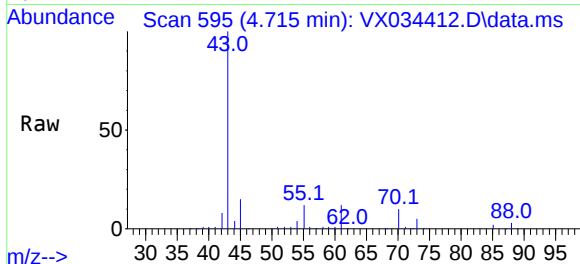
Tgt Ion: 43 Resp: 116433

Ion Ratio Lower Upper

43 100

61 12.5 10.2 15.4

70 10.1 8.2 12.4



#38

Carbon Tetrachloride

Concen: 20.214 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.006 min

Lab File: VX034412.D

Acq: 10 Mar 2023 11:13

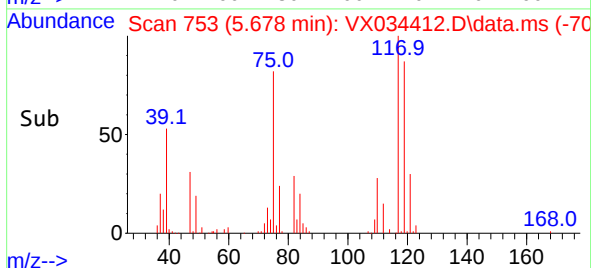
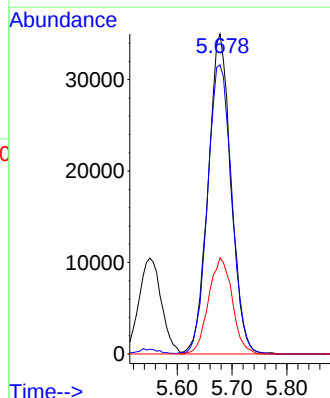
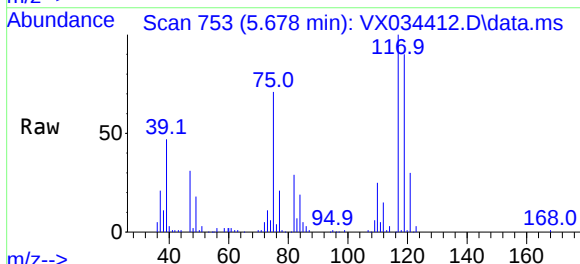
Tgt Ion: 117 Resp: 101075

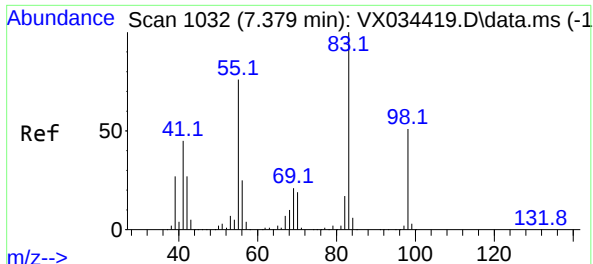
Ion Ratio Lower Upper

117 100

119 90.3 76.6 114.8

121 30.0 23.8 35.6





#39

Methylcyclohexane

Concen: 20.675 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034412.D

Acq: 10 Mar 2023 11:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC020

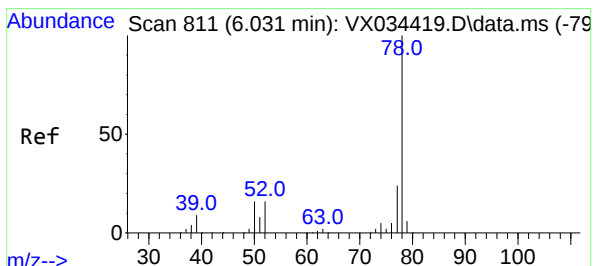
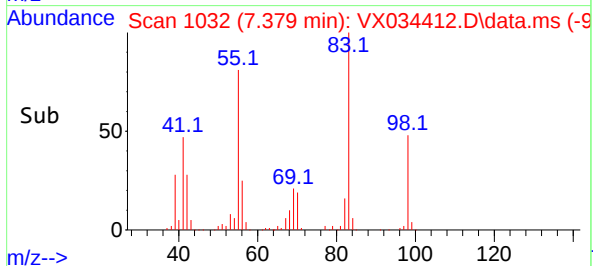
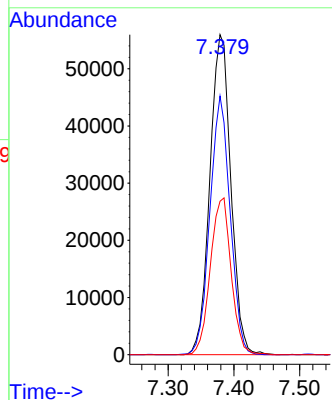
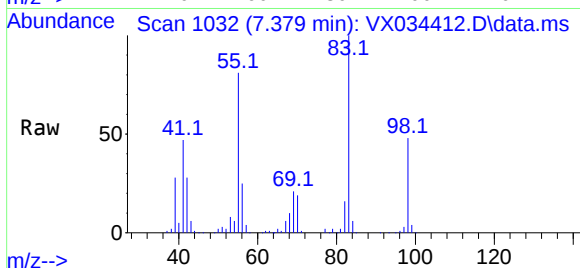
Tgt Ion: 83 Resp: 124357

Ion Ratio Lower Upper

83 100

55 80.8 60.5 90.7

98 48.0 40.4 60.6



#40

Benzene

Concen: 20.872 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX034412.D

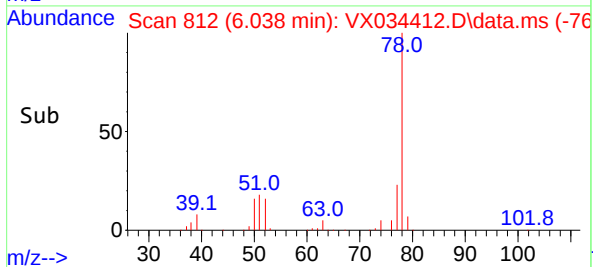
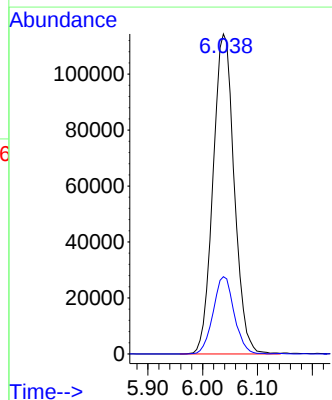
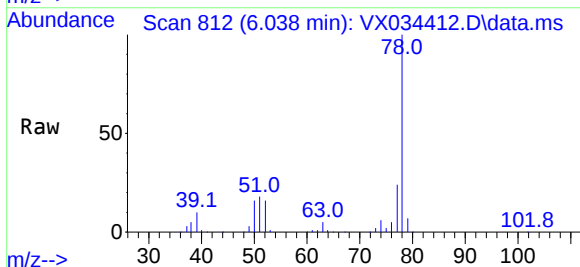
Acq: 10 Mar 2023 11:13

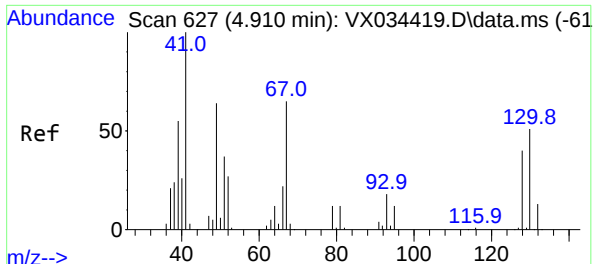
Tgt Ion: 78 Resp: 306892

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.4



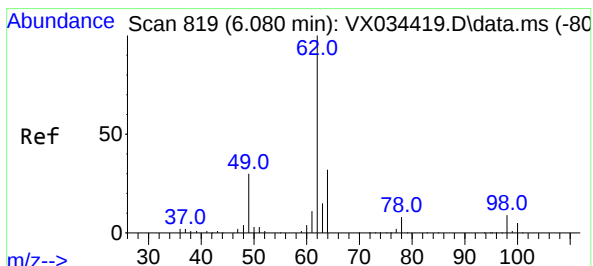
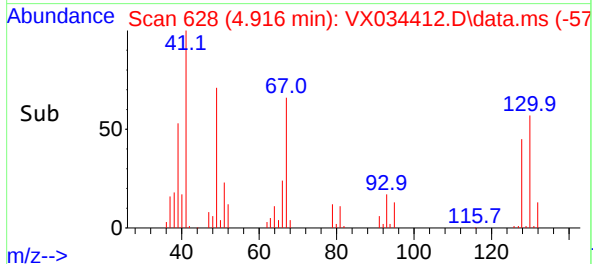
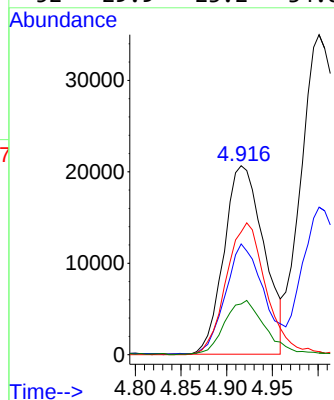
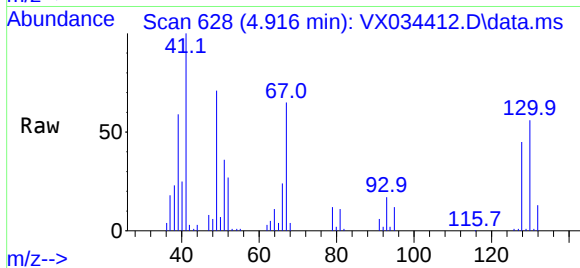


#41  
Methacrylonitrile  
Concen: 20.855 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

Tgt Ion: 41 Resp: 62758

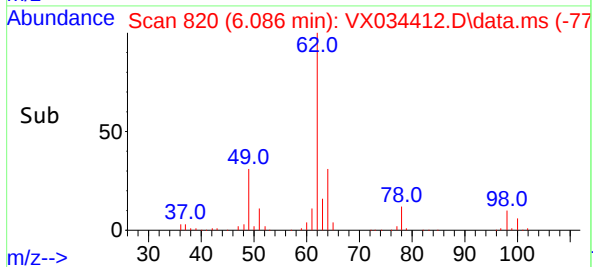
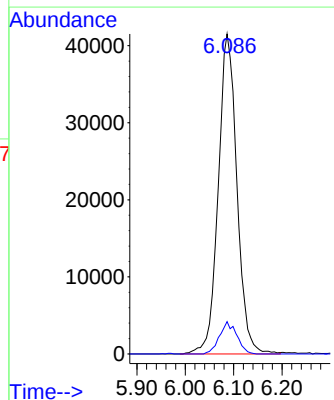
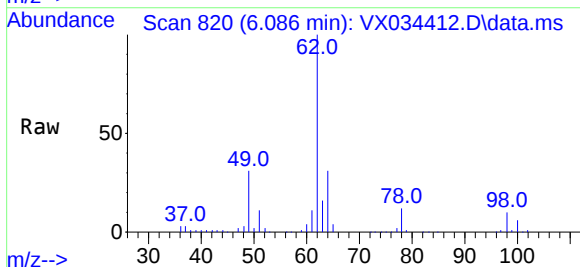
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 58.1  | 45.0  | 67.6  |
| 67  | 70.2  | 55.6  | 83.4  |
| 52  | 29.9  | 23.2  | 34.8  |

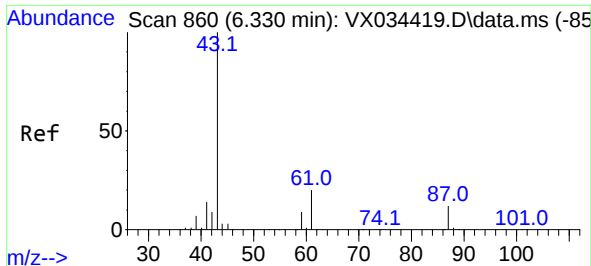


#42  
1,2-Dichloroethane  
Concen: 20.611 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.006 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion: 62 Resp: 111380

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.3   | 0.0   | 18.0  |

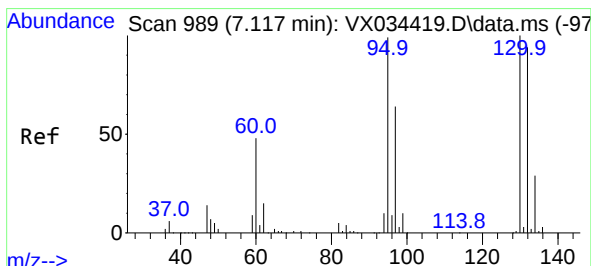
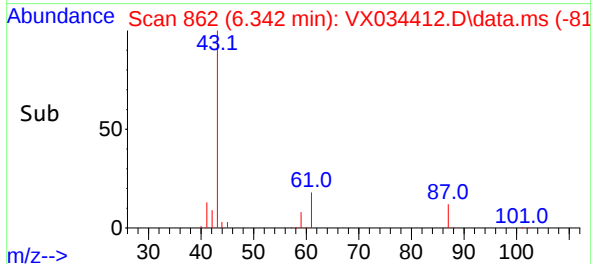
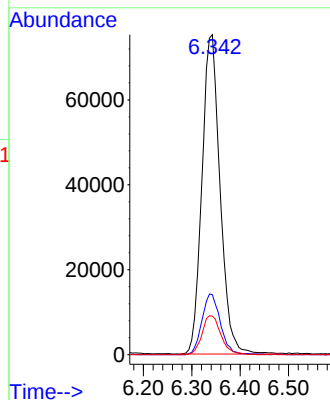
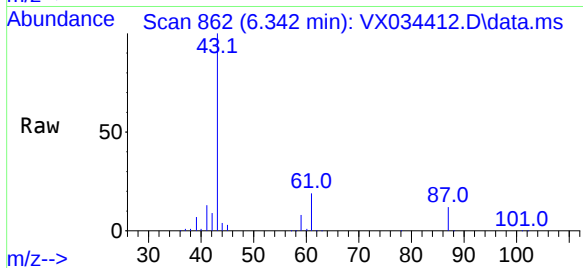




#43  
Isopropyl Acetate  
Concen: 21.068 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.012 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

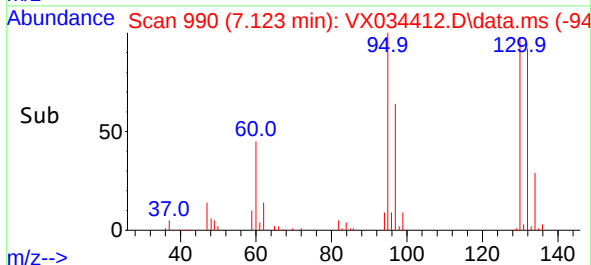
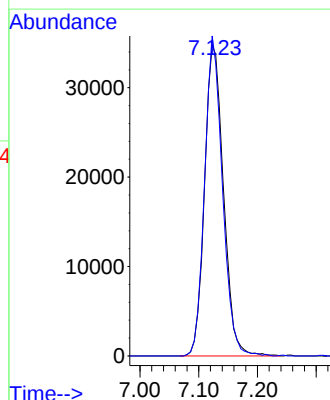
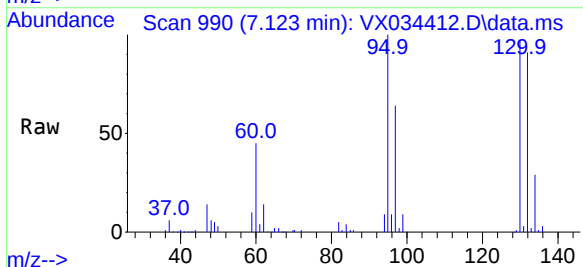
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

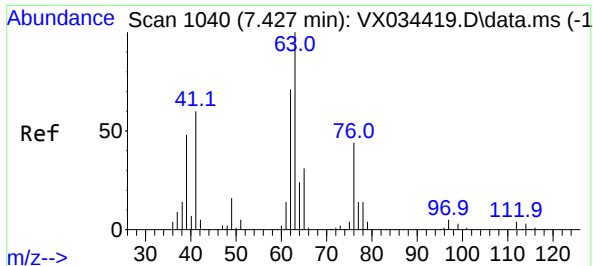
Tgt Ion: 43 Resp: 195973  
Ion Ratio Lower Upper  
43 100  
61 19.4 15.2 22.8  
87 12.7 9.8 14.8



#44  
Trichloroethene  
Concen: 20.358 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. 0.006 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion: 130 Resp: 77773  
Ion Ratio Lower Upper  
130 100  
95 102.9 0.0 198.4





#45

1,2-Dichloropropane

Concen: 21.128 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX034412.D

Acq: 10 Mar 2023 11:13

Instrument :

MSVOA\_X

ClientSampleId :

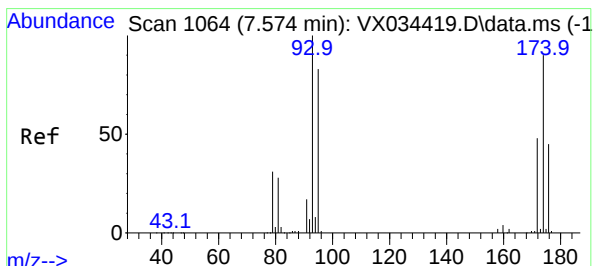
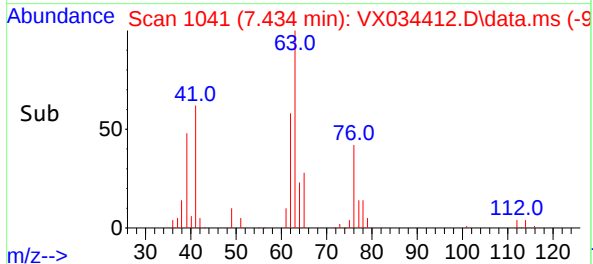
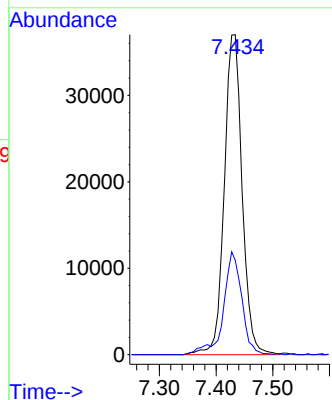
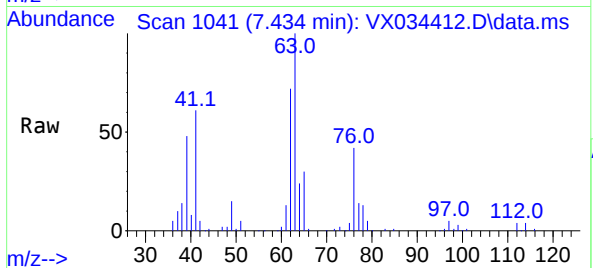
VSTDICC020

Tgt Ion: 63 Resp: 81114

Ion Ratio Lower Upper

63 100

65 29.5 24.6 37.0



#46

Dibromomethane

Concen: 20.796 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX034412.D

Acq: 10 Mar 2023 11:13

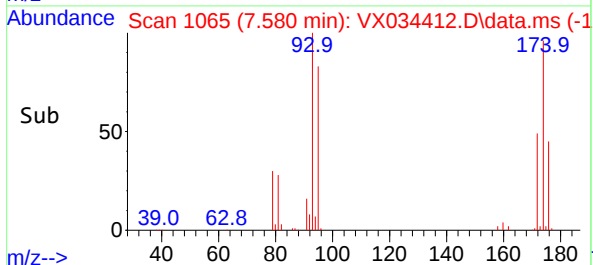
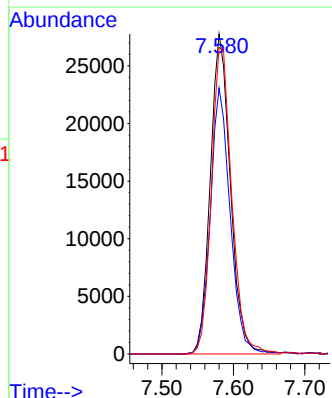
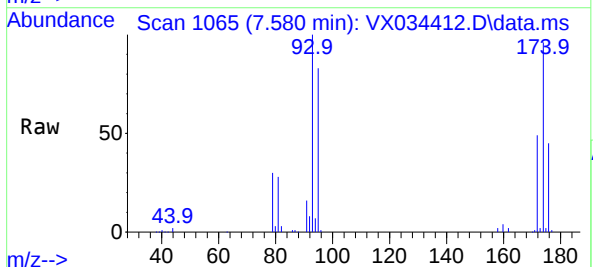
Tgt Ion: 93 Resp: 54279

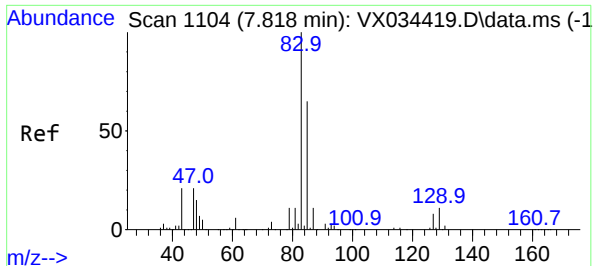
Ion Ratio Lower Upper

93 100

95 82.2 66.9 100.3

174 97.0 75.4 113.0

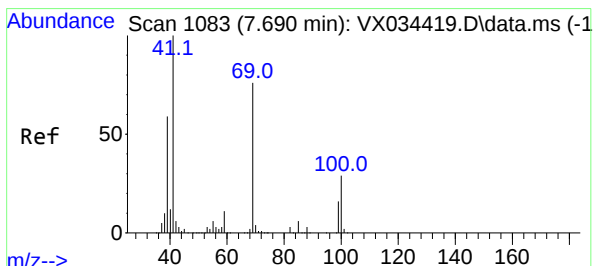
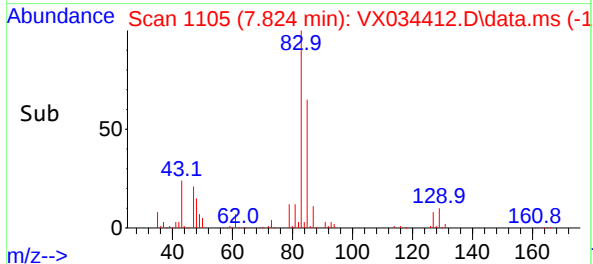
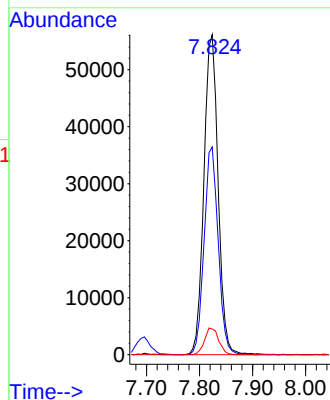
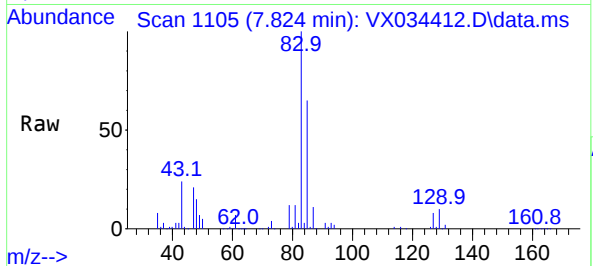




#47  
Bromodichloromethane  
Concen: 20.657 ug/l  
RT: 7.824 min Scan# 1104  
Delta R.T. 0.006 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

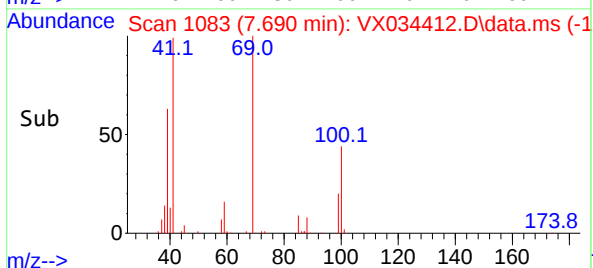
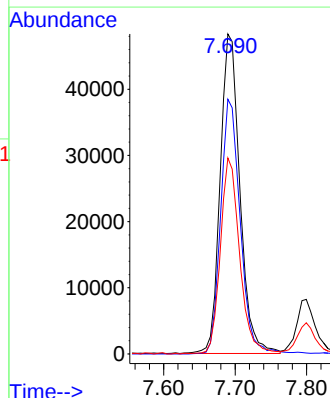
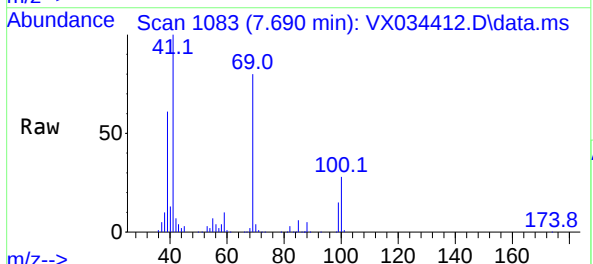
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

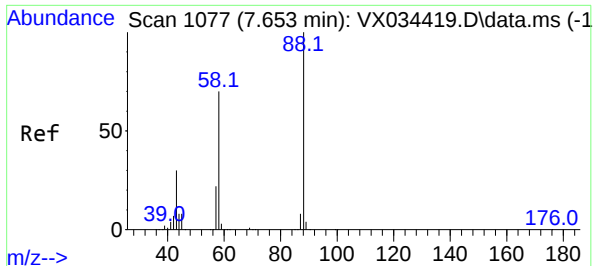
Tgt Ion: 83 Resp: 104348  
Ion Ratio Lower Upper  
83 100  
85 64.9 52.2 78.4  
127 8.0 6.6 9.8



#48  
Methyl methacrylate  
Concen: 20.647 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion: 41 Resp: 92369  
Ion Ratio Lower Upper  
41 100  
69 79.1 62.2 93.4  
39 60.2 47.7 71.5

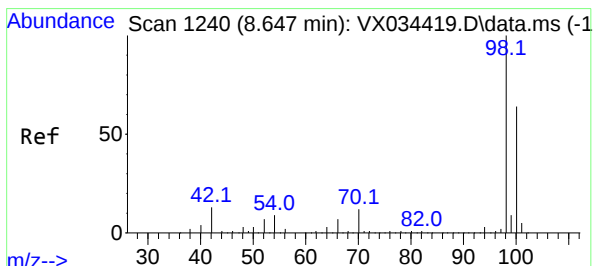
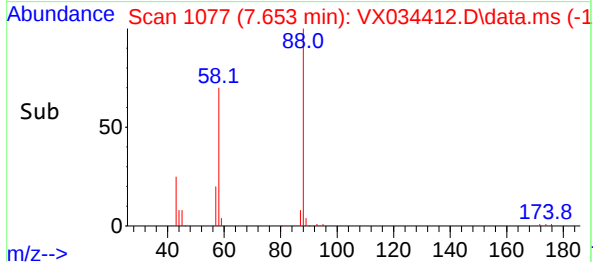
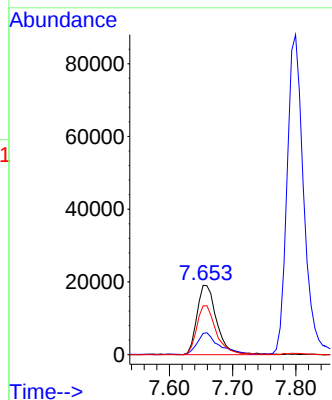
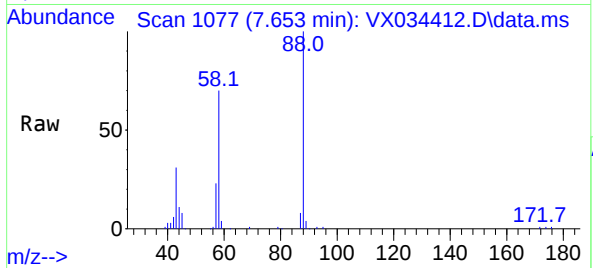




#49  
1,4-Dioxane  
Concen: 441.709 ug/l  
RT: 7.653 min Scan# 1077  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

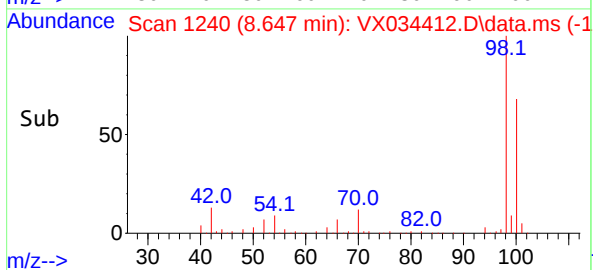
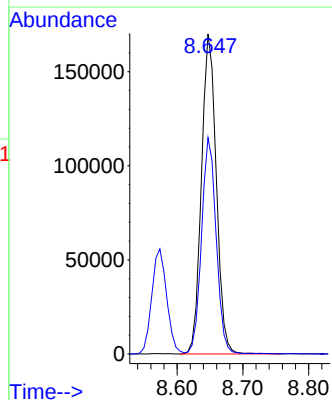
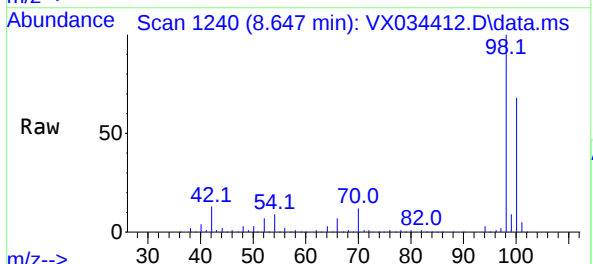
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

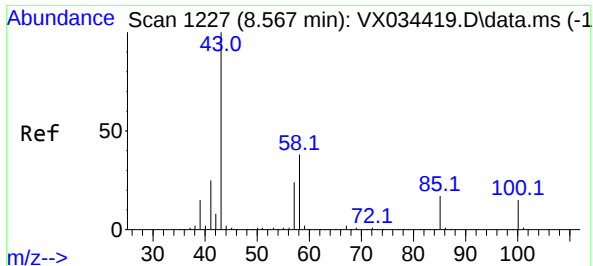
Tgt Ion: 88 Resp: 41506  
Ion Ratio Lower Upper  
88 100  
43 35.2 27.7 41.5  
58 69.7 56.8 85.2



#50  
Toluene-d8  
Concen: 21.872 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion: 98 Resp: 267188  
Ion Ratio Lower Upper  
98 100  
100 66.1 52.5 78.7

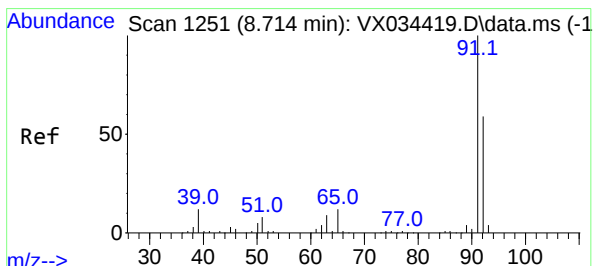
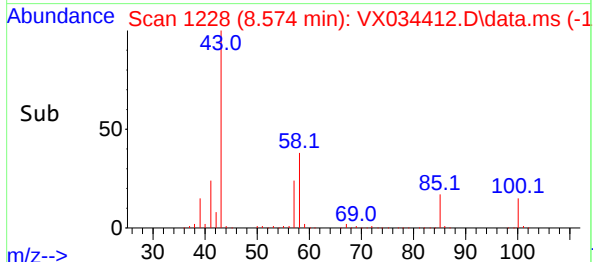
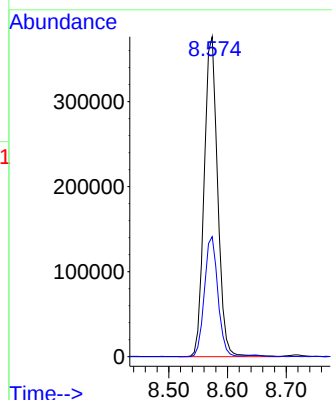
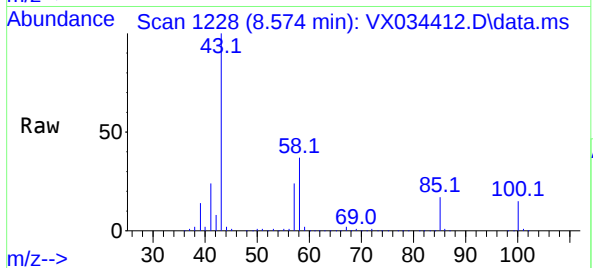




#51  
4-Methyl-2-Pentanone  
Concen: 111.215 ug/l  
RT: 8.574 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

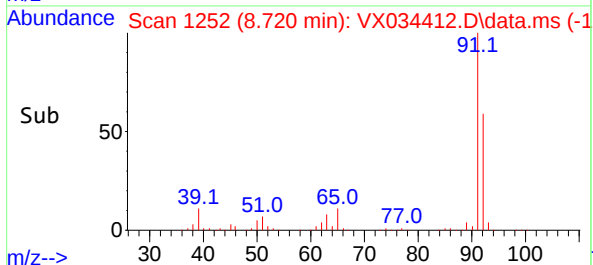
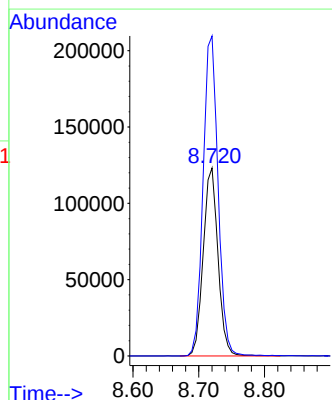
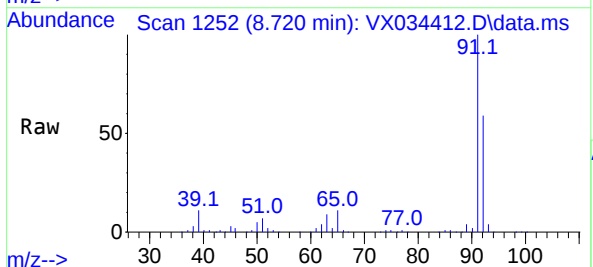
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

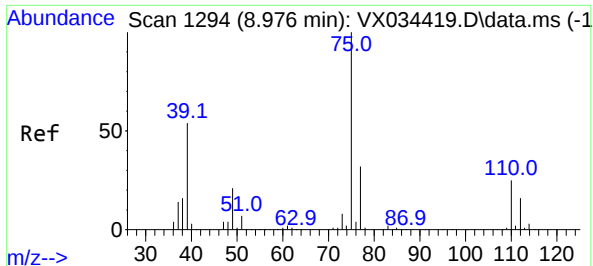
Tgt Ion: 43 Resp: 600139  
Ion Ratio Lower Upper  
43 100  
58 37.4 30.6 46.0



#52  
Toluene  
Concen: 21.117 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.006 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion: 92 Resp: 192231  
Ion Ratio Lower Upper  
92 100  
91 172.3 136.8 205.2

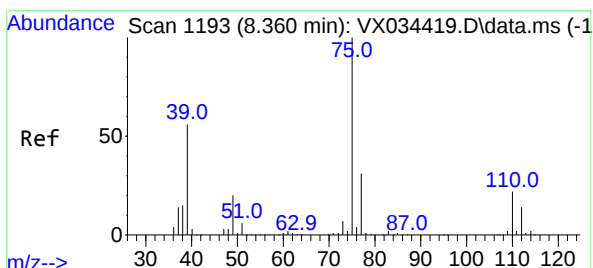
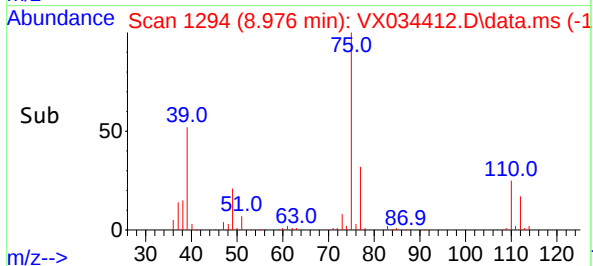
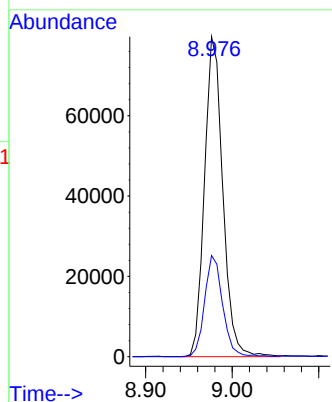
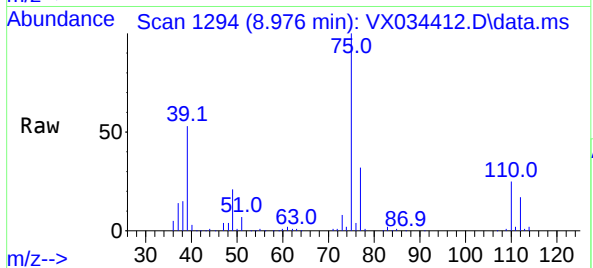




#53  
t-1,3-Dichloropropene  
Concen: 20.533 ug/l  
RT: 8.976 min Scan# 1194  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

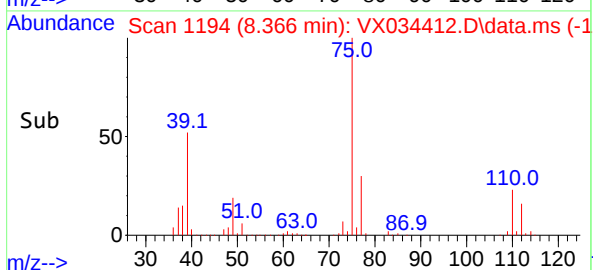
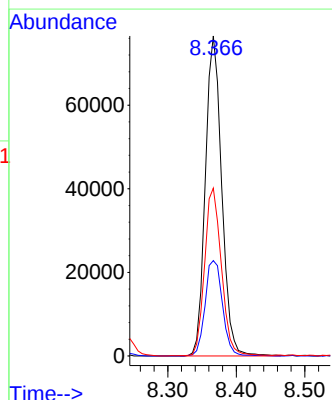
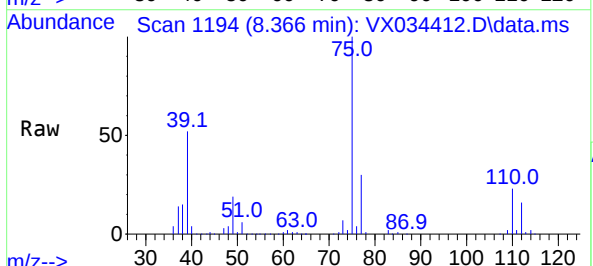
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

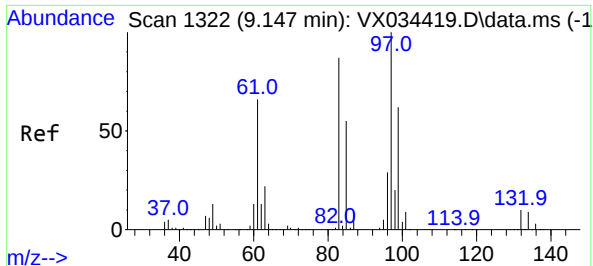
Tgt Ion: 75 Resp: 116855  
Ion Ratio Lower Upper  
75 100  
77 31.6 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 20.678 ug/l  
RT: 8.366 min Scan# 1194  
Delta R.T. 0.006 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion: 75 Resp: 127315  
Ion Ratio Lower Upper  
75 100  
77 29.8 25.0 37.4  
39 52.3 44.6 66.8



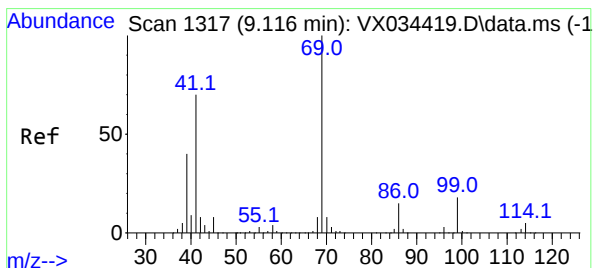
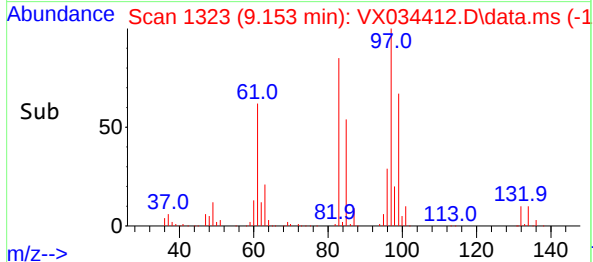
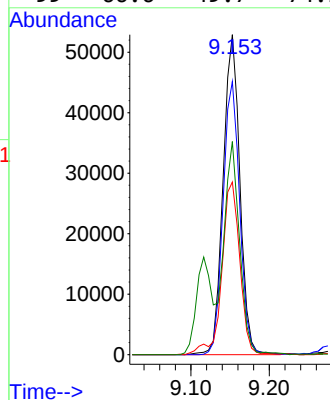
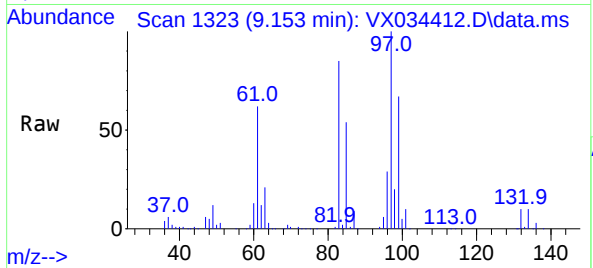


#55  
1,1,2-Trichloroethane  
Concen: 21.782 ug/l  
RT: 9.153 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

Tgt Ion: 97 Resp: 78692

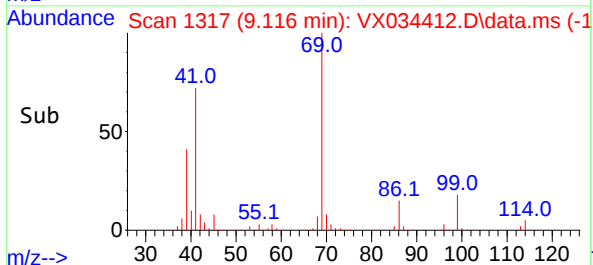
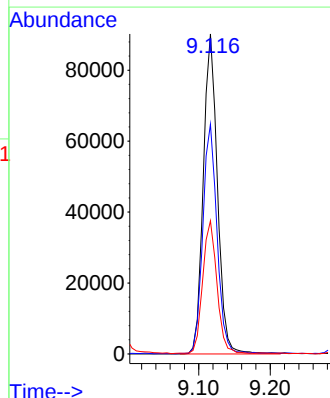
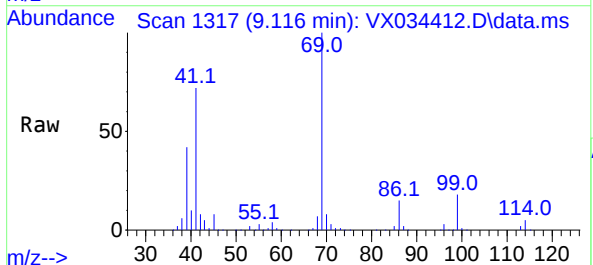
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 85.3  | 69.7  | 104.5 |
| 85  | 53.8  | 43.7  | 65.5  |
| 99  | 66.6  | 49.7  | 74.5  |

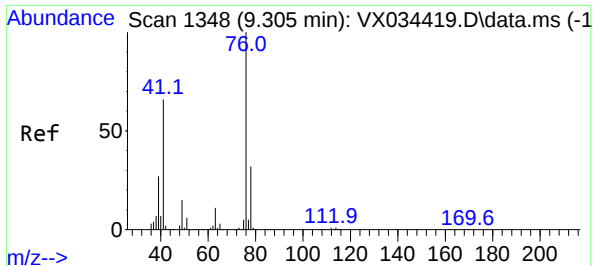


#56  
Ethyl methacrylate  
Concen: 20.936 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion: 69 Resp: 124186

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 72.1  | 57.4  | 86.0  |
| 39  | 41.5  | 33.7  | 50.5  |

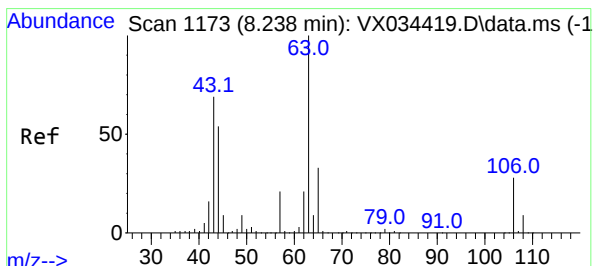
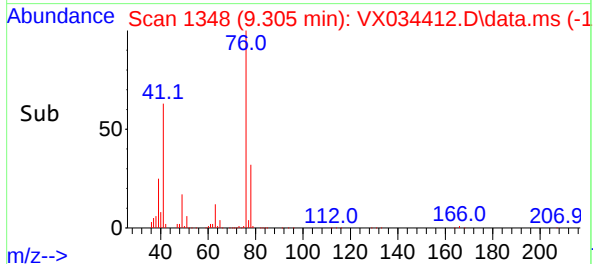
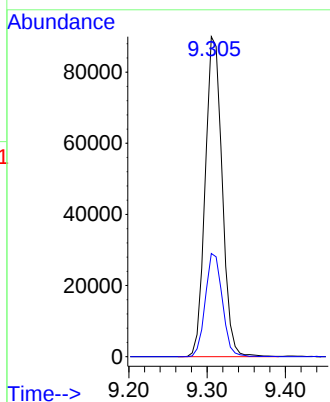
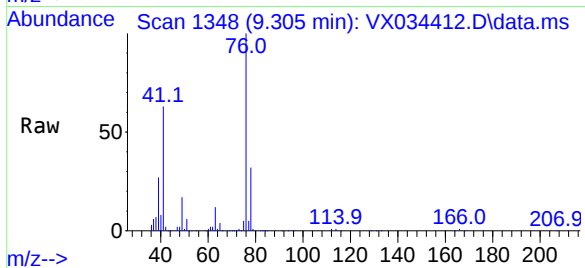




#57  
1,3-Dichloropropane  
Concen: 21.007 ug/l  
RT: 9.305 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

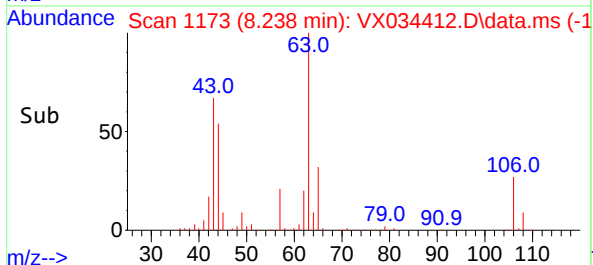
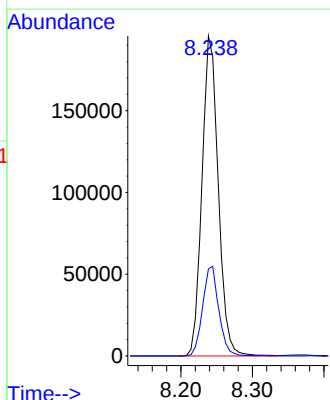
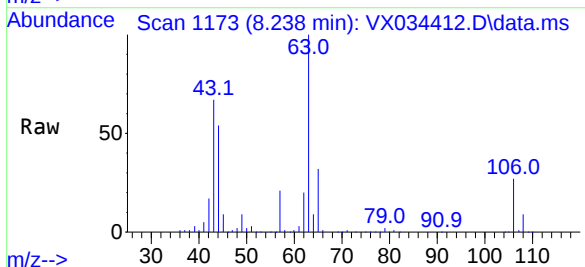
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

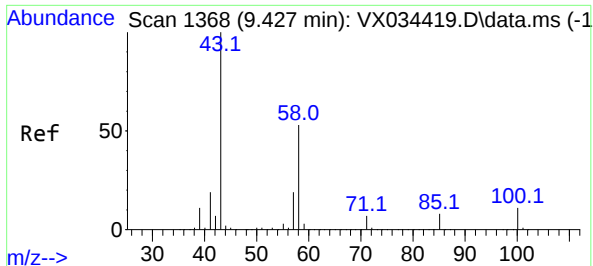
Tgt Ion: 76 Resp: 134881  
Ion Ratio Lower Upper  
76 100  
78 32.4 25.8 38.8



#58  
2-Chloroethyl Vinyl ether  
Concen: 101.105 ug/l  
RT: 8.238 min Scan# 1173  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion: 63 Resp: 309069  
Ion Ratio Lower Upper  
63 100  
106 27.8 22.2 33.2





#59

2-Hexanone

Concen: 107.379 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX034412.D

Acq: 10 Mar 2023 11:13

Instrument :

MSVOA\_X

ClientSampleId :

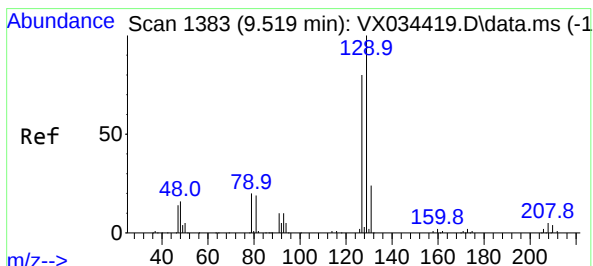
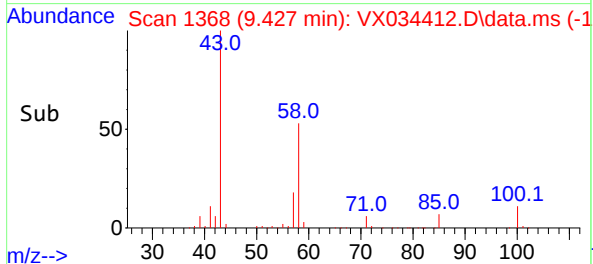
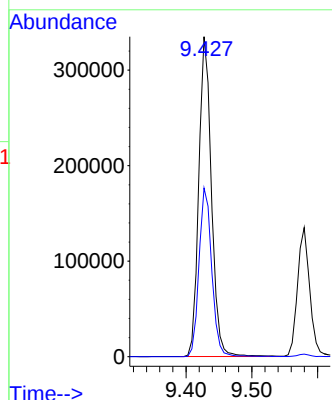
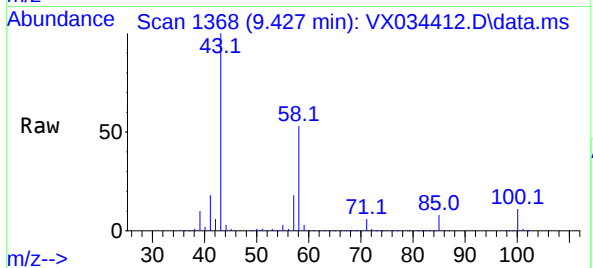
VSTDICC020

Tgt Ion: 43 Resp: 447918

Ion Ratio Lower Upper

43 100

58 53.1 26.3 78.9



#60

Dibromochloromethane

Concen: 20.796 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX034412.D

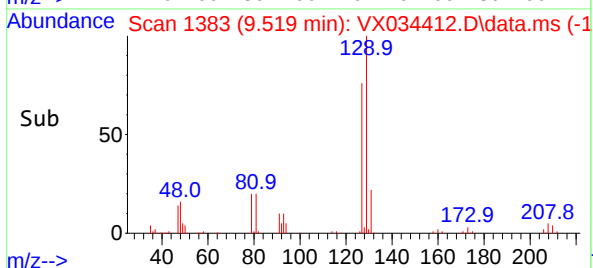
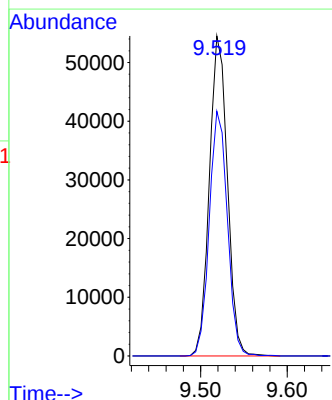
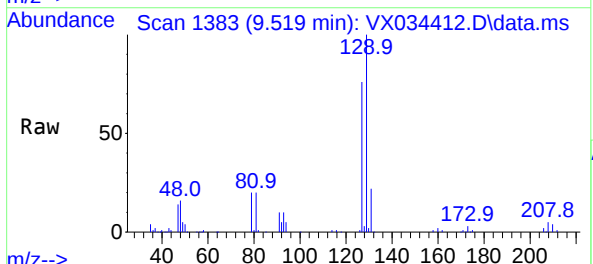
Acq: 10 Mar 2023 11:13

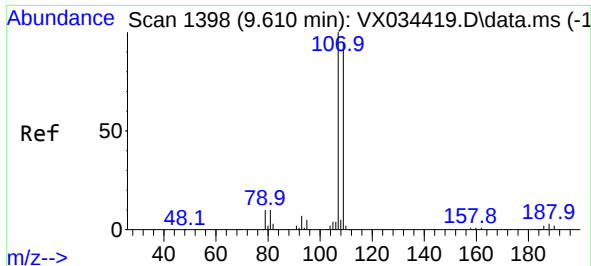
Tgt Ion: 129 Resp: 78794

Ion Ratio Lower Upper

129 100

127 76.9 39.0 117.0

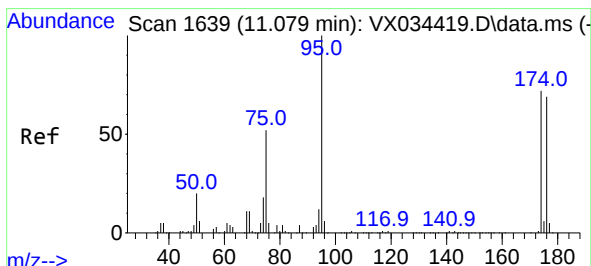
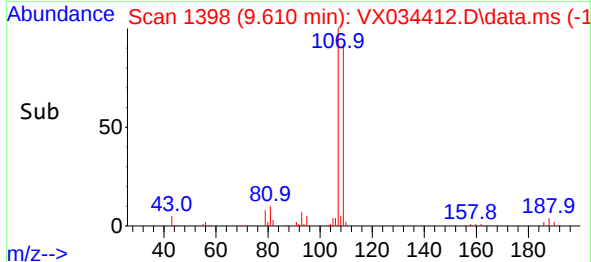
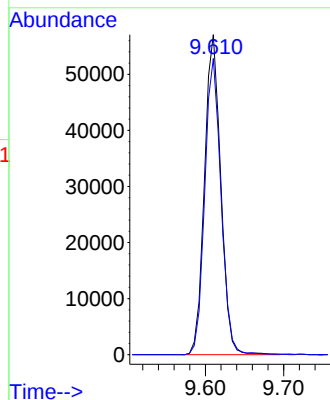
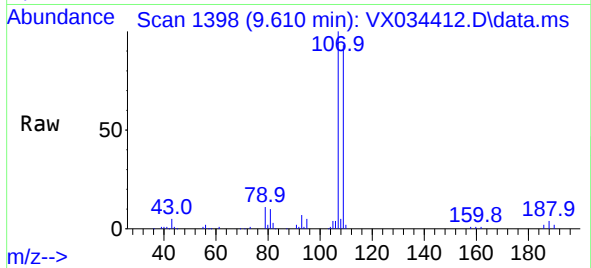




#61  
1,2-Dibromoethane  
Concen: 21.096 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

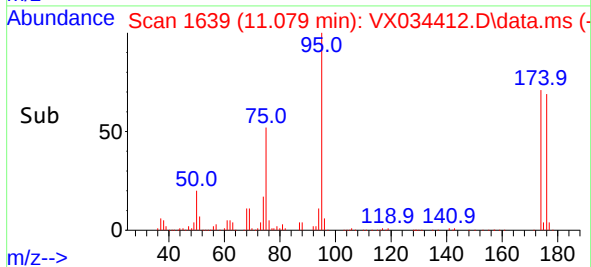
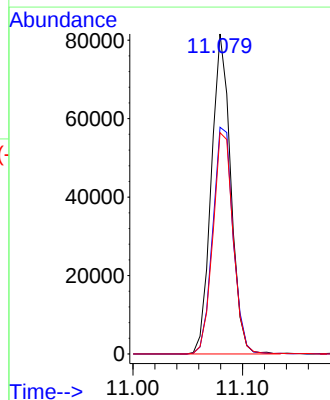
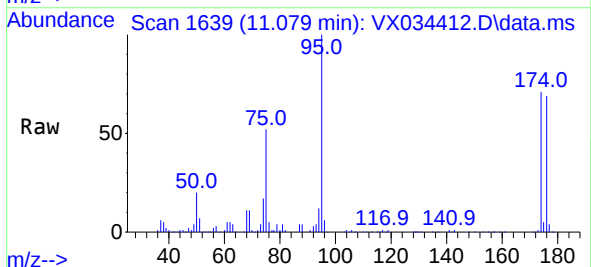
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

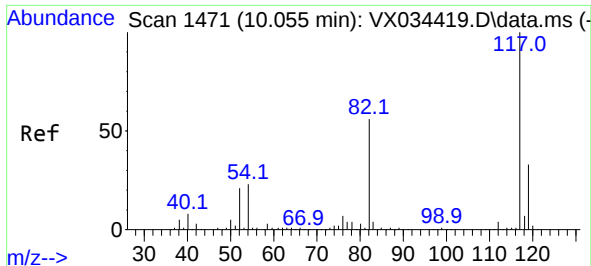
Tgt Ion:107 Resp: 82241  
Ion Ratio Lower Upper  
107 100  
109 92.7 75.3 112.9



#62  
4-Bromofluorobenzene  
Concen: 20.351 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion: 95 Resp: 100420  
Ion Ratio Lower Upper  
95 100  
174 74.3 0.0 147.4  
176 72.1 0.0 140.6

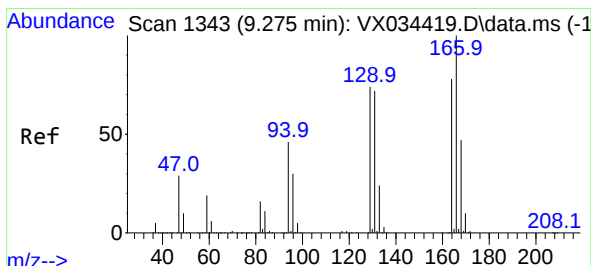
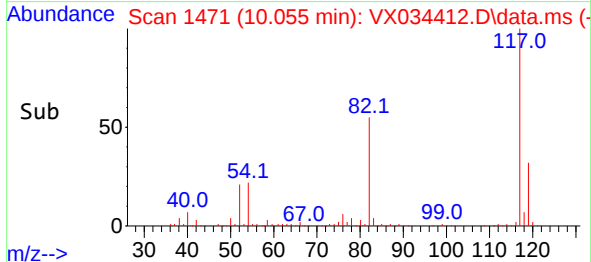
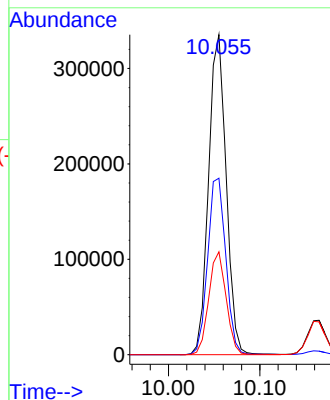
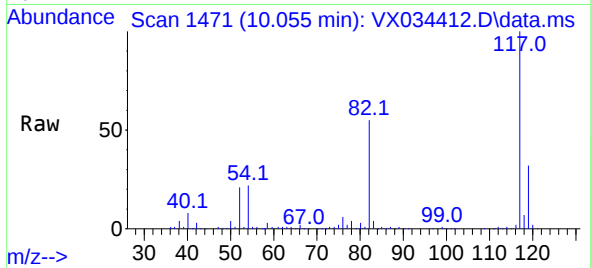




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

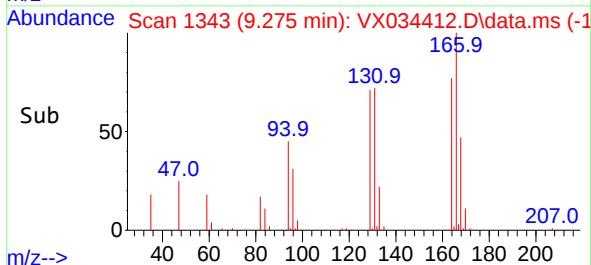
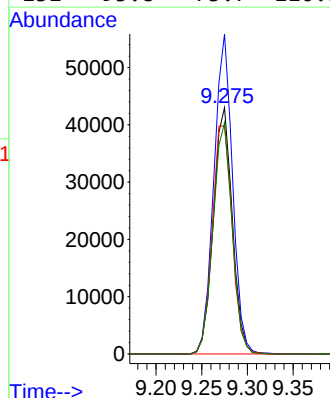
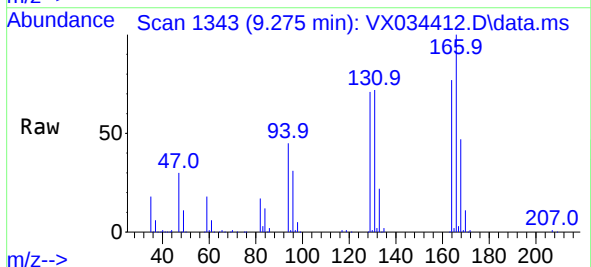
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

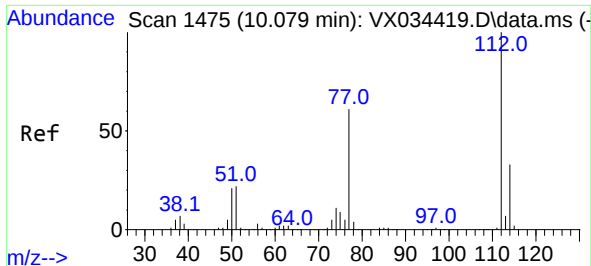
Tgt Ion:117 Resp: 448391  
Ion Ratio Lower Upper  
117 100  
82 55.2 45.0 67.4  
119 32.2 26.0 39.0



#64  
Tetrachloroethene  
Concen: 20.571 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion:164 Resp: 61961  
Ion Ratio Lower Upper  
164 100  
166 129.9 102.7 154.1  
129 92.5 75.6 113.4  
131 93.8 73.7 110.5

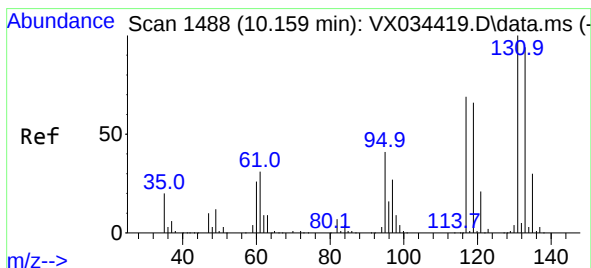
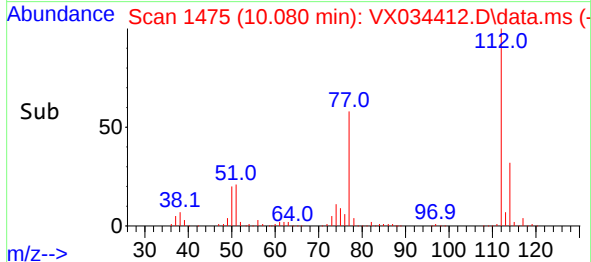
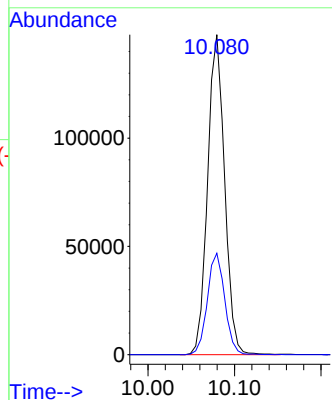
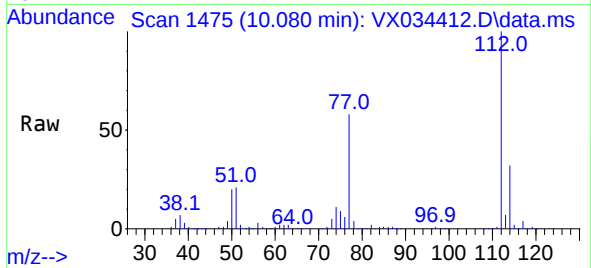




#65  
Chlorobenzene  
Concen: 20.494 ug/l  
RT: 10.080 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

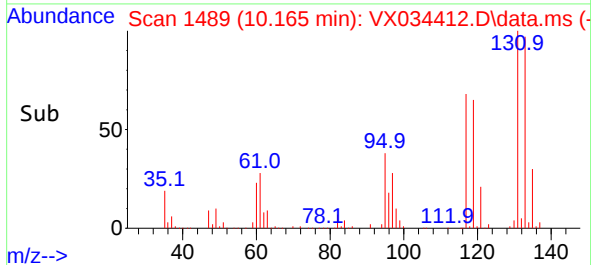
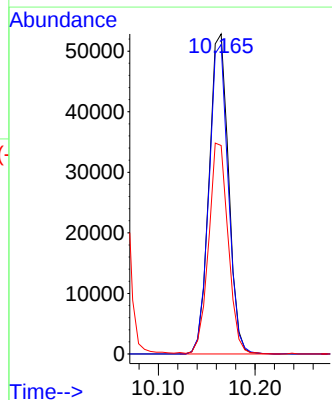
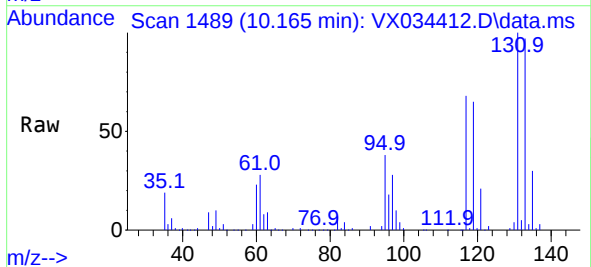
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

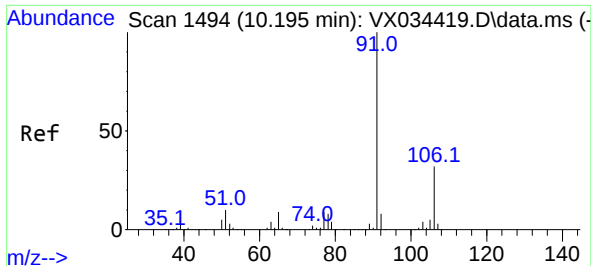
Tgt Ion:112 Resp: 201624  
Ion Ratio Lower Upper  
112 100  
114 31.7 26.2 39.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.601 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.006 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion:131 Resp: 73815  
Ion Ratio Lower Upper  
131 100  
133 96.2 47.1 141.4  
119 66.4 32.6 98.0





#67

Ethyl Benzene

Concen: 20.872 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX034412.D

Acq: 10 Mar 2023 11:13

Instrument :

MSVOA\_X

ClientSampleId :

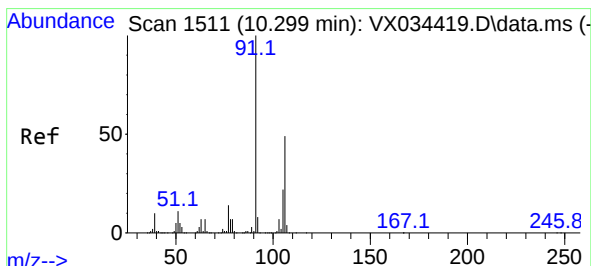
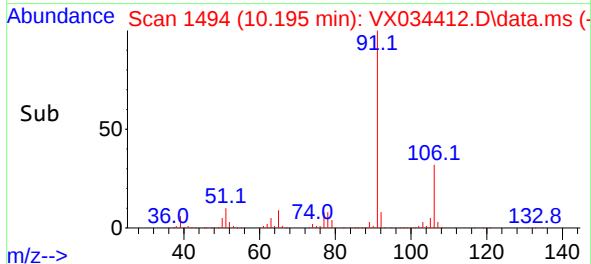
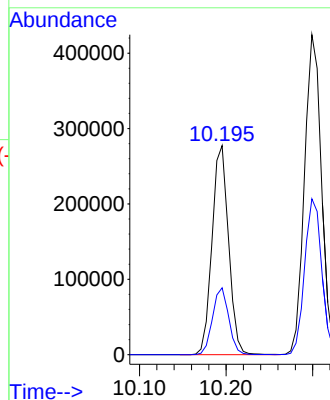
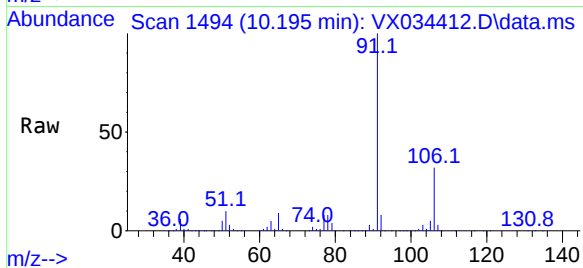
VSTDICC020

Tgt Ion: 91 Resp: 367606

Ion Ratio Lower Upper

91 100

106 32.0 25.6 38.4



#68

m/p-Xylenes

Concen: 41.998 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX034412.D

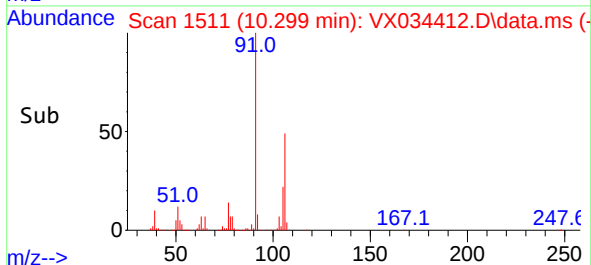
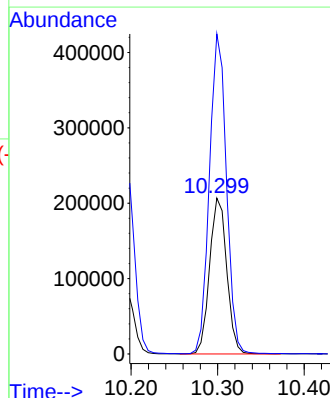
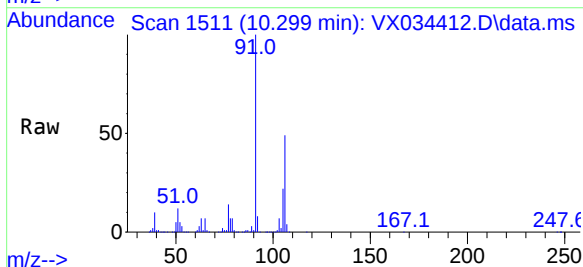
Acq: 10 Mar 2023 11:13

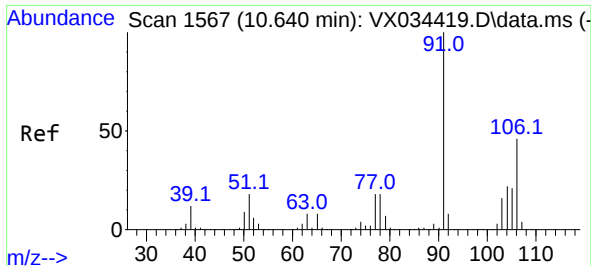
Tgt Ion: 106 Resp: 284141

Ion Ratio Lower Upper

106 100

91 203.6 164.0 246.0

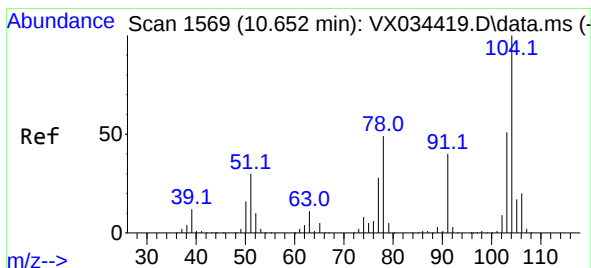
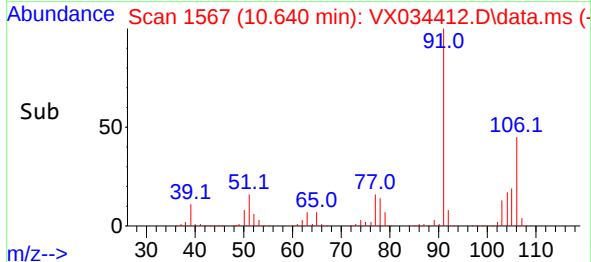
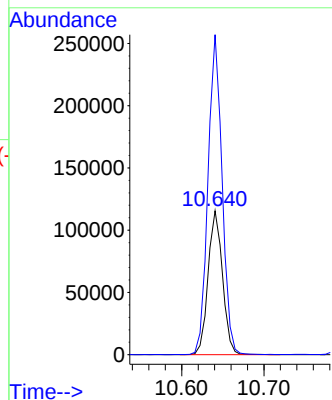
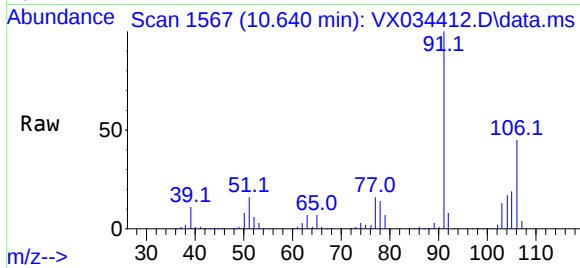




#69  
o-Xylene  
Concen: 20.712 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

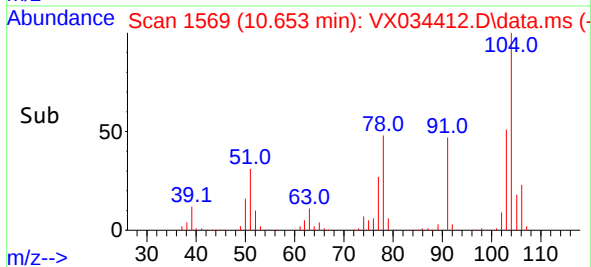
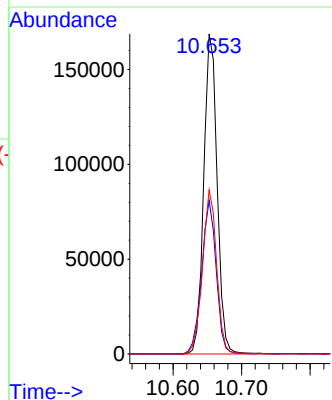
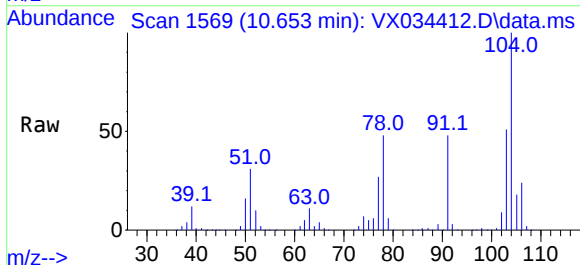
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

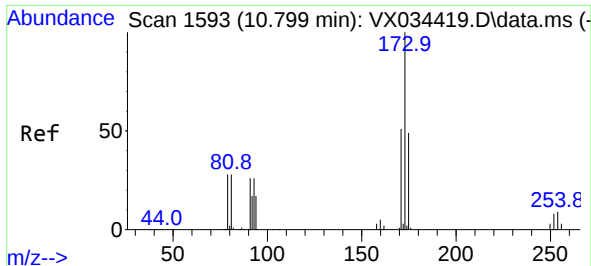
Tgt Ion:106 Resp: 140626  
Ion Ratio Lower Upper  
106 100  
91 217.4 108.5 325.3



#70  
Styrene  
Concen: 21.005 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion:104 Resp: 230100  
Ion Ratio Lower Upper  
104 100  
78 52.0 43.4 65.2  
103 54.3 44.2 66.2

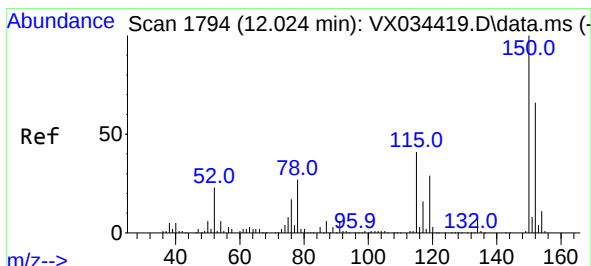
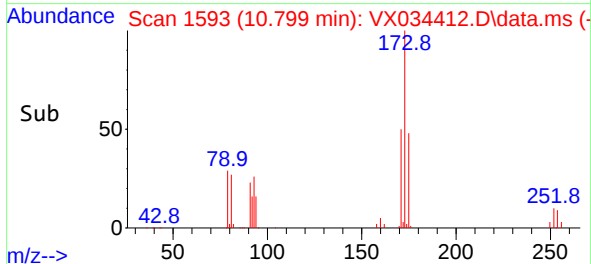
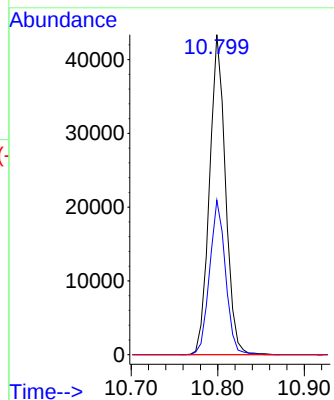
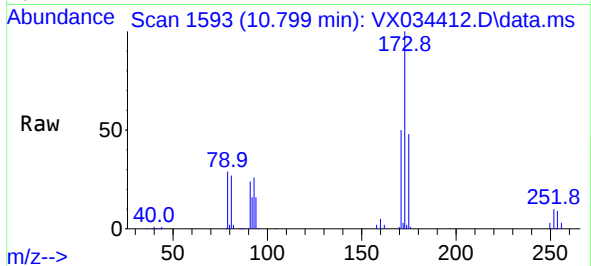




#71  
Bromoform  
Concen: 20.155 ug/l  
RT: 10.799 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

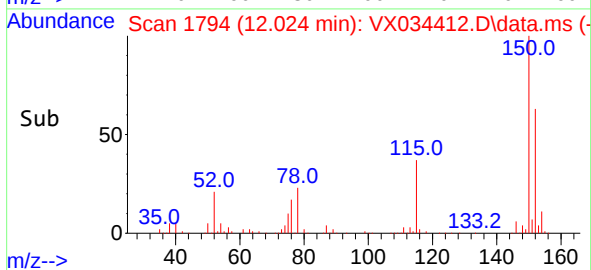
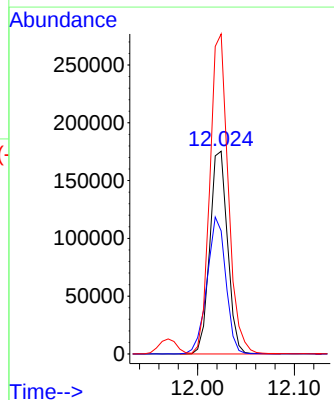
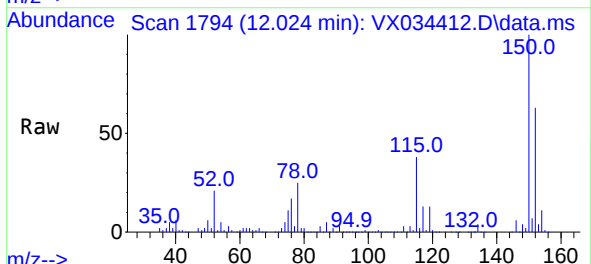
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

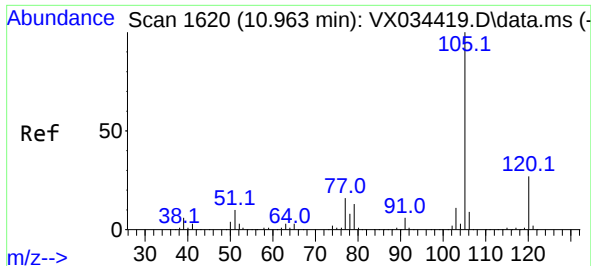
Tgt Ion:173 Resp: 55591  
Ion Ratio Lower Upper  
173 100  
175 48.0 24.1 72.4  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion:152 Resp: 223472  
Ion Ratio Lower Upper  
152 100  
115 71.6 45.0 135.0  
150 163.5 0.0 352.4

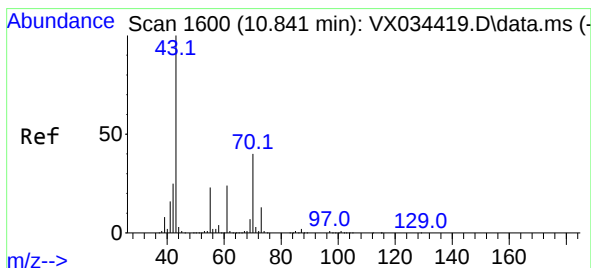
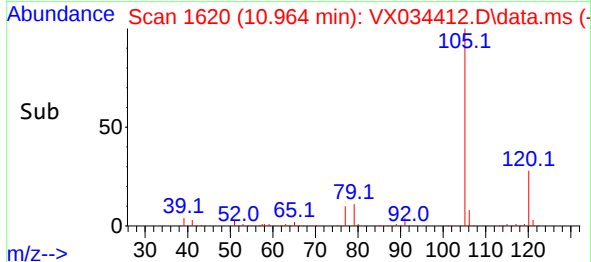
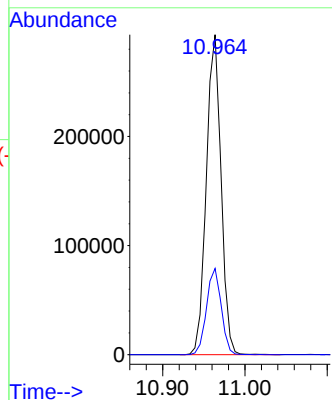
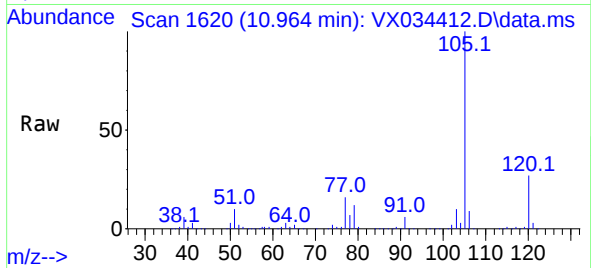




#73  
Isopropylbenzene  
Concen: 21.110 ug/l  
RT: 10.964 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

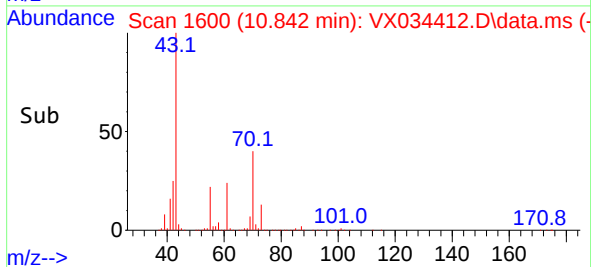
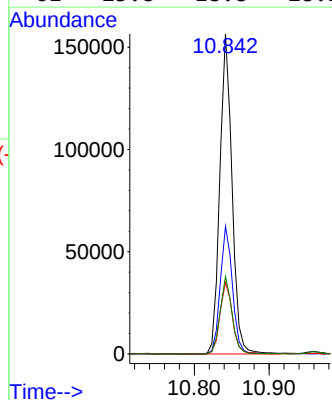
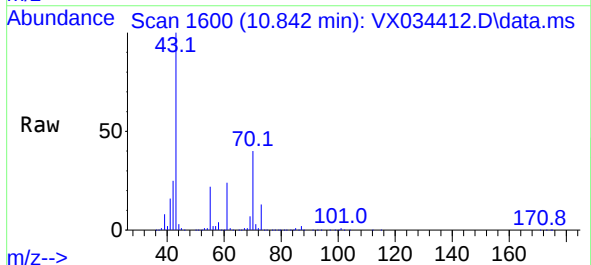
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

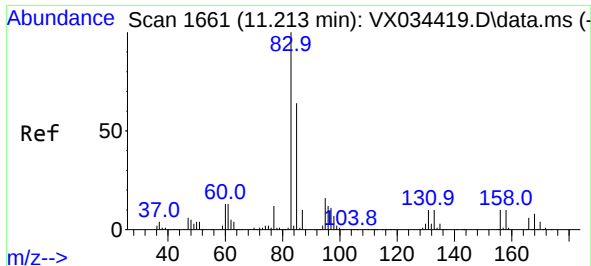
Tgt Ion:105 Resp: 364604  
Ion Ratio Lower Upper  
105 100  
120 27.0 13.3 39.9



#74  
N-ethyl acetate  
Concen: 21.611 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion: 43 Resp: 178782  
Ion Ratio Lower Upper  
43 100  
70 39.8 32.1 48.1  
55 22.8 18.3 27.5  
61 23.8 18.8 28.2

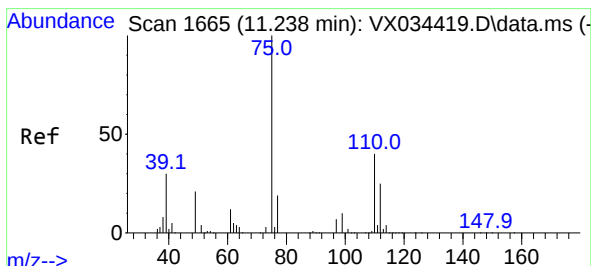
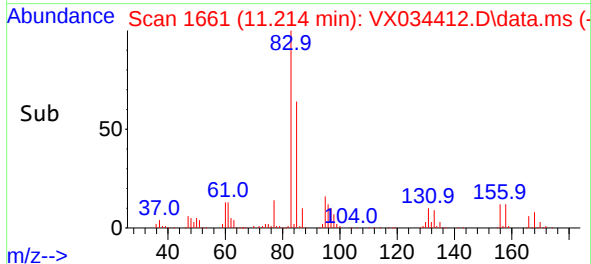
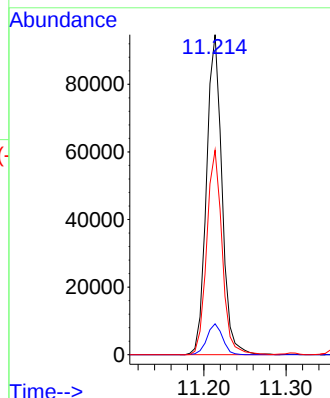
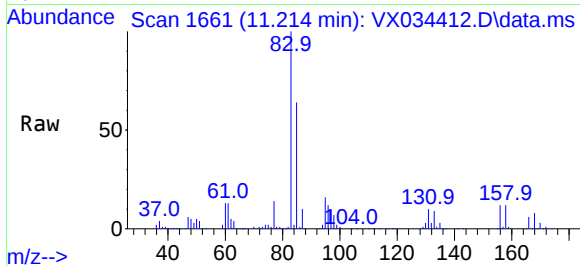




#75  
1,1,2,2-Tetrachloroethane  
Concen: 21.423 ug/l  
RT: 11.214 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

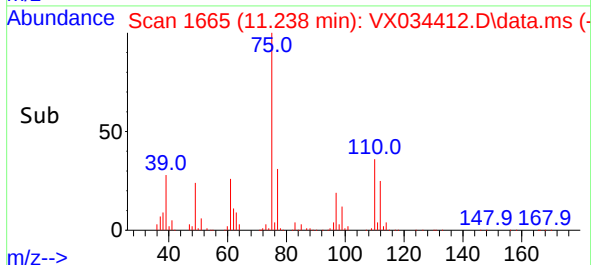
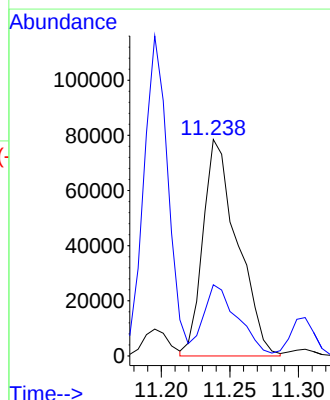
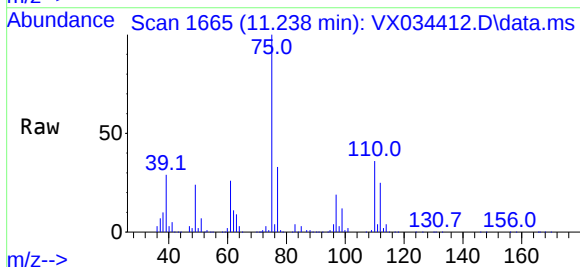
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

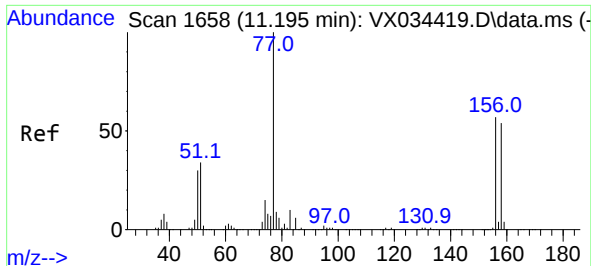
Tgt Ion: 83 Resp: 123471  
Ion Ratio Lower Upper  
83 100  
131 9.8 4.8 14.3  
85 63.6 32.0 96.0



#76  
1,2,3-Trichloropropane  
Concen: 26.820 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion: 75 Resp: 137620  
Ion Ratio Lower Upper  
75 100  
77 32.6 21.6 64.8

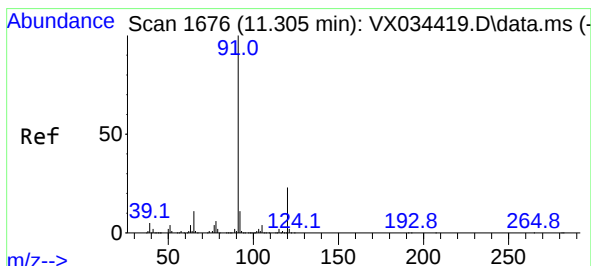
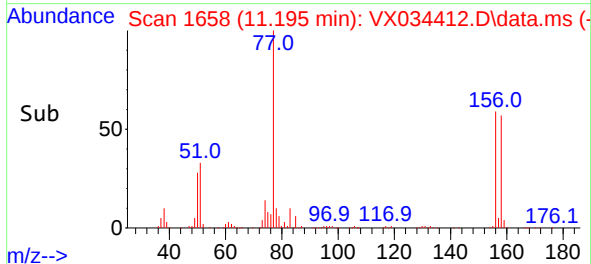
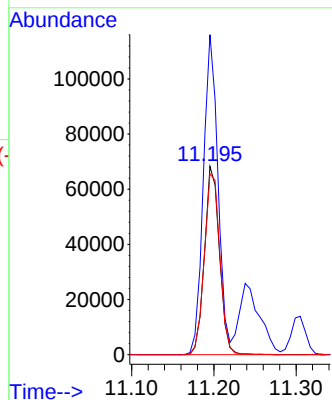
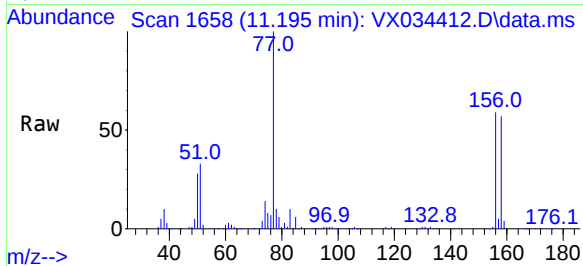




#77  
Bromobenzene  
Concen: 20.844 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

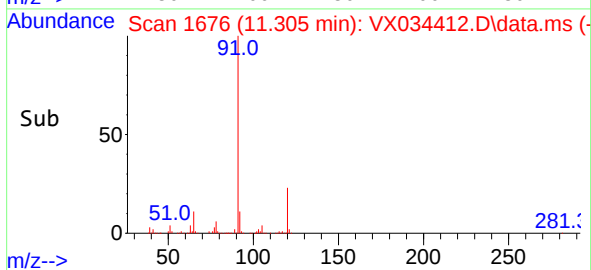
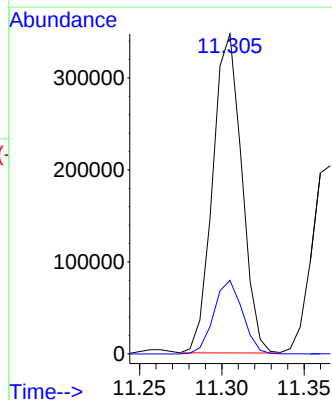
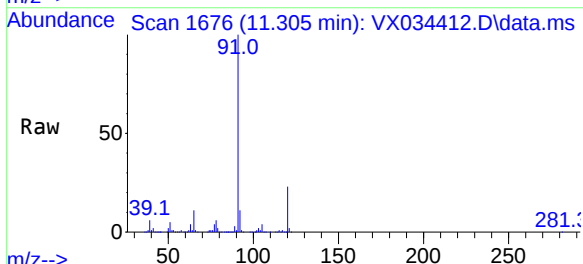
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

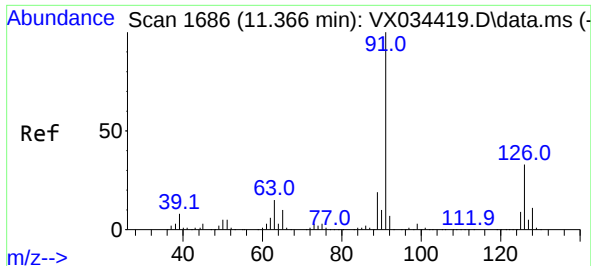
Tgt Ion:156 Resp: 86373  
Ion Ratio Lower Upper  
156 100  
77 165.7 86.7 259.9  
158 100.0 48.0 144.0



#78  
n-propylbenzene  
Concen: 21.330 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion: 91 Resp: 425475  
Ion Ratio Lower Upper  
91 100  
120 22.9 11.5 34.5

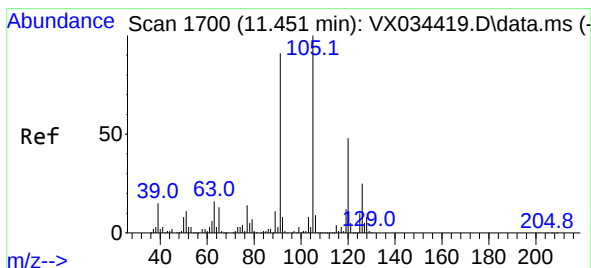
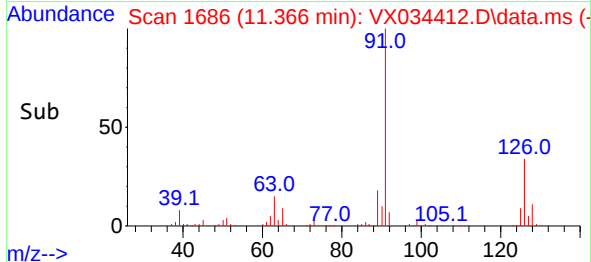
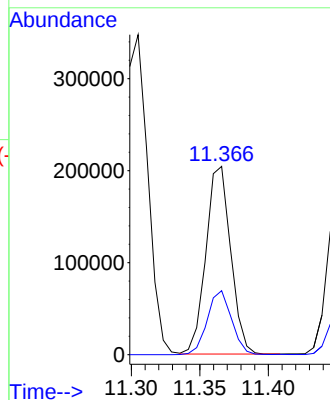
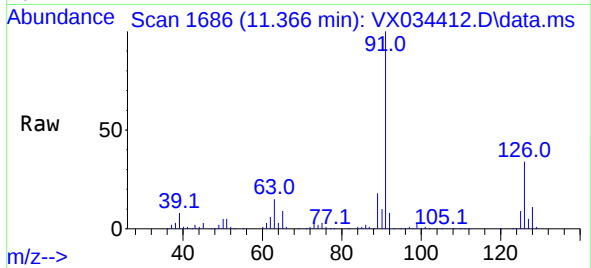




#79  
2-Chlorotoluene  
Concen: 20.861 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

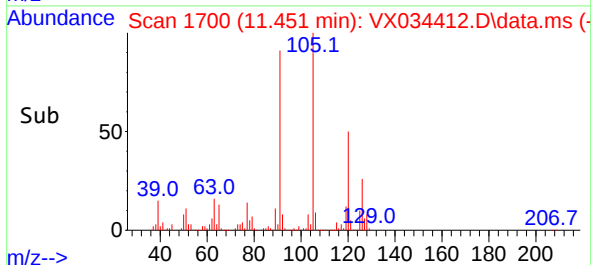
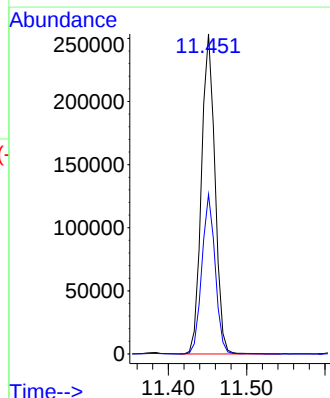
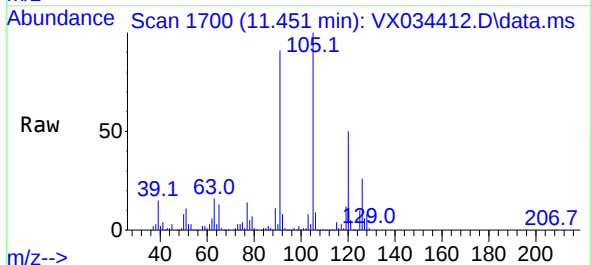
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

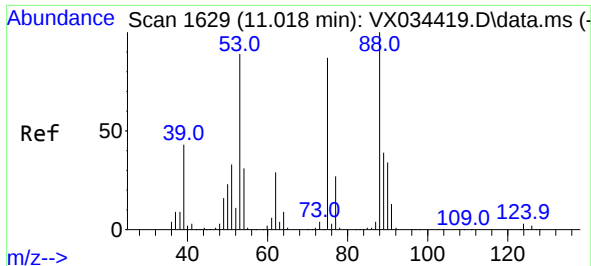
Tgt Ion: 91 Resp: 256991  
Ion Ratio Lower Upper  
91 100  
126 33.4 16.3 48.9



#80  
1,3,5-Trimethylbenzene  
Concen: 21.002 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion: 105 Resp: 304261  
Ion Ratio Lower Upper  
105 100  
120 48.9 23.7 71.1



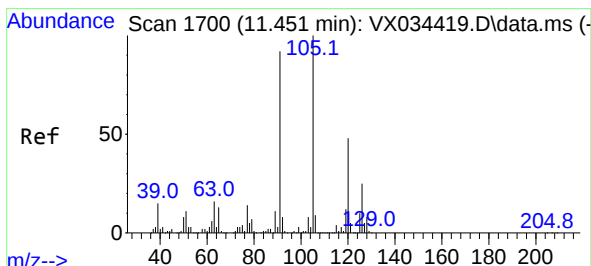
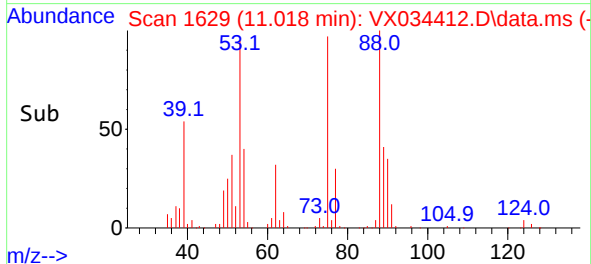
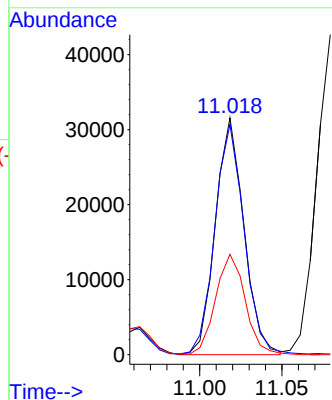
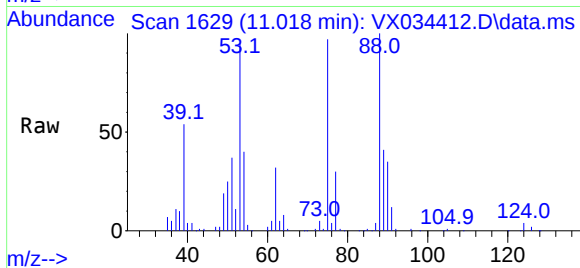


#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.035 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

Tgt Ion: 75 Resp: 38000

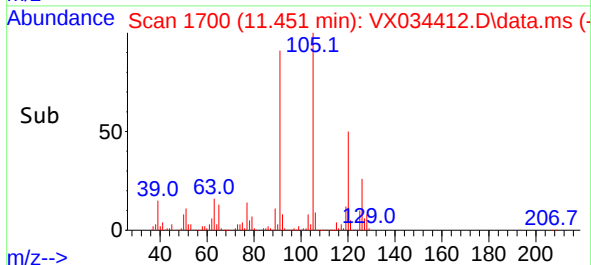
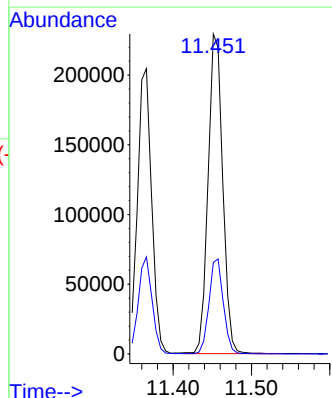
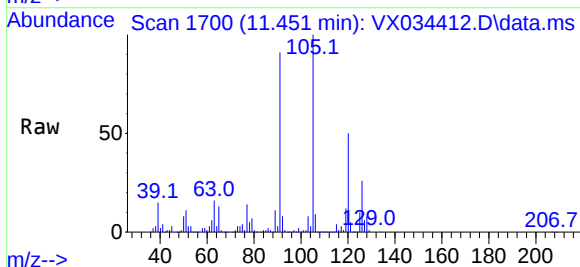
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 53  | 99.5  | 82.6  | 124.0 |
| 89  | 44.0  | 36.9  | 55.3  |

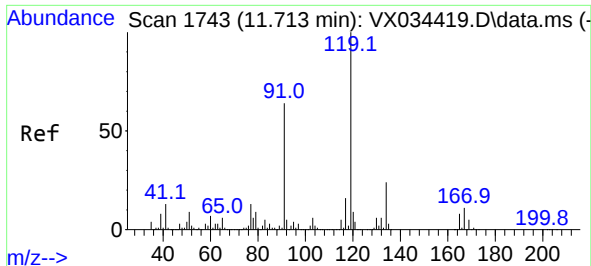


#82  
4-Chlorotoluene  
Concen: 20.917 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion: 91 Resp: 296802

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 126 | 29.0  | 14.2  | 42.6  |

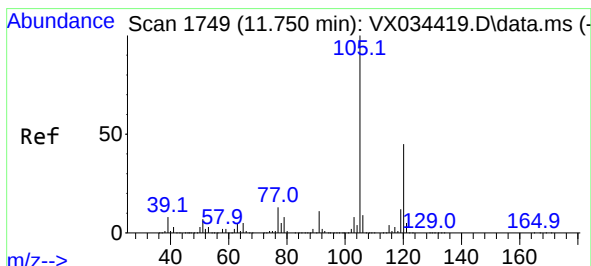
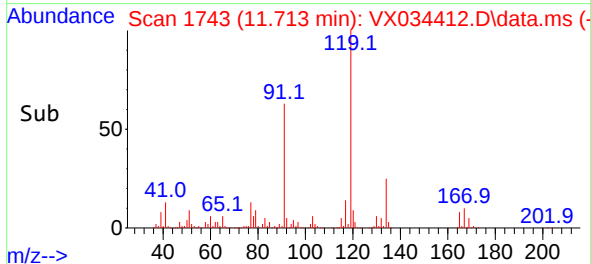
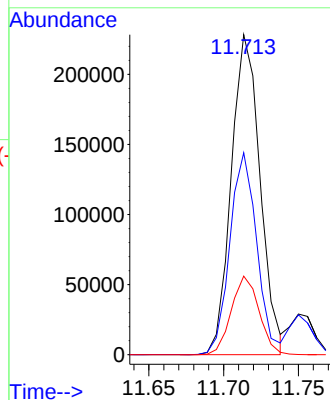
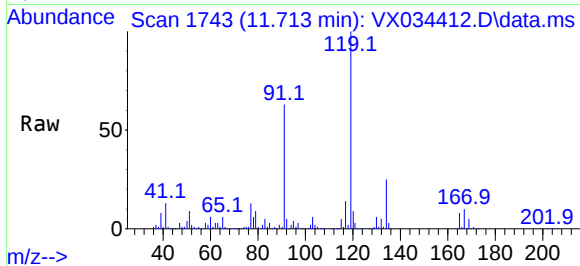




#83  
tert-Butylbenzene  
Concen: 20.921 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

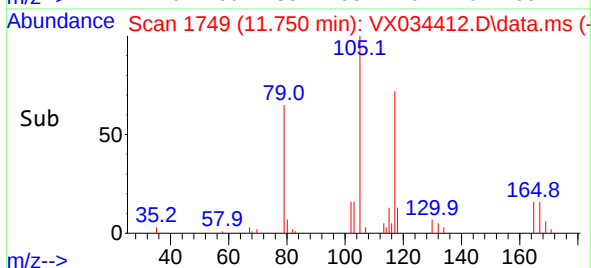
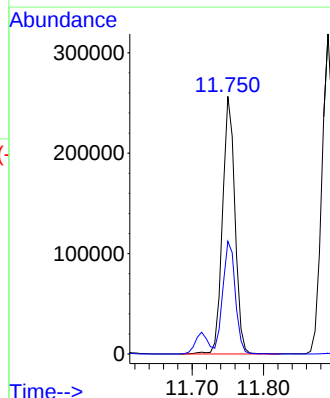
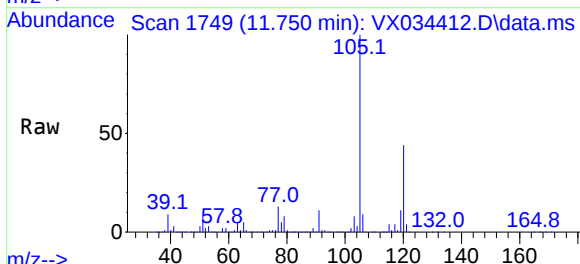
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

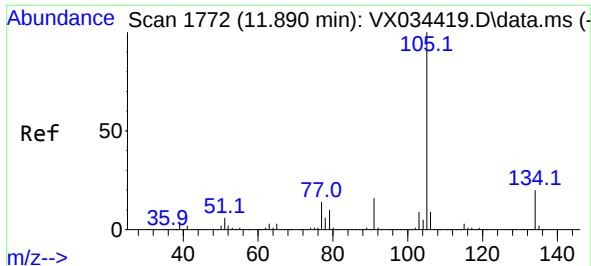
Tgt Ion:119 Resp: 305580  
Ion Ratio Lower Upper  
119 100  
91 59.1 30.6 92.0  
134 23.7 11.8 35.4



#84  
1,2,4-Trimethylbenzene  
Concen: 20.889 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion:105 Resp: 309274  
Ion Ratio Lower Upper  
105 100  
120 43.8 22.4 67.0

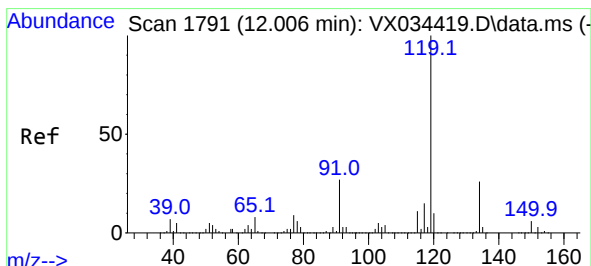
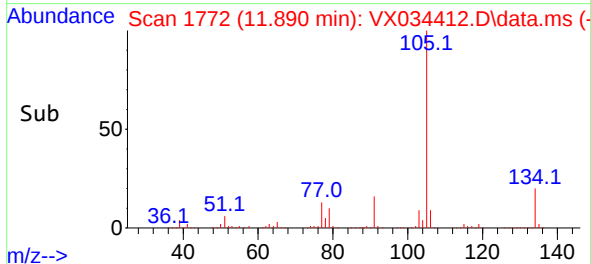
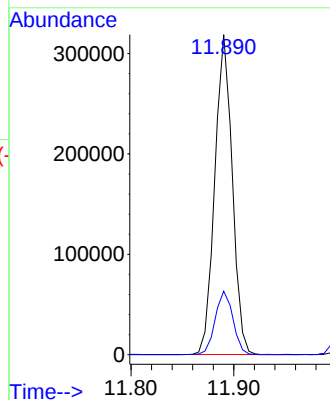
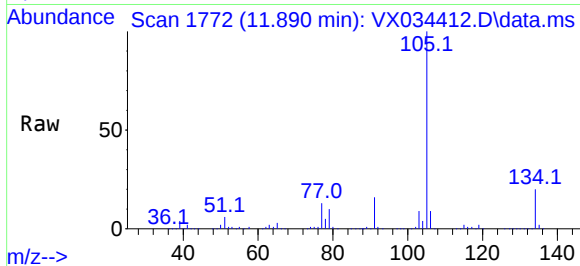




#85  
 sec-Butylbenzene  
 Concen: 21.000 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX034412.D  
 Acq: 10 Mar 2023 11:13

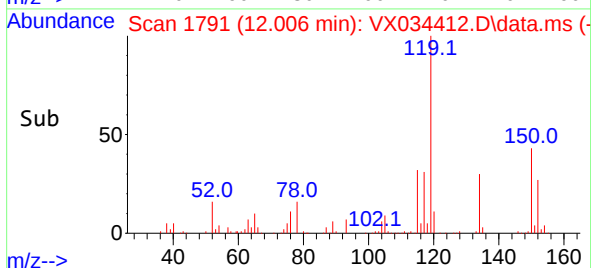
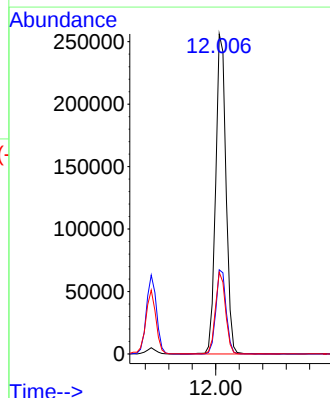
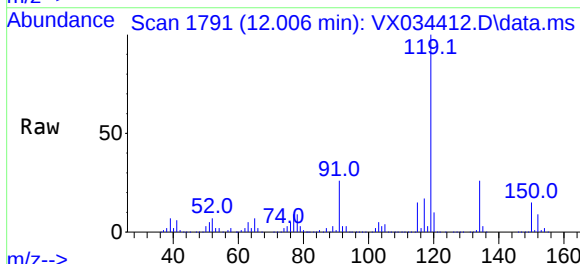
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

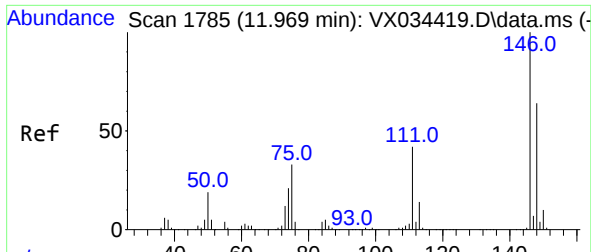
Tgt Ion:105 Resp: 374993  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 20.758 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. 0.000 min  
 Lab File: VX034412.D  
 Acq: 10 Mar 2023 11:13

Tgt Ion:119 Resp: 311533  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 13.2 39.5  
 91 25.1 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 20.344 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034412.D

Acq: 10 Mar 2023 11:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC020

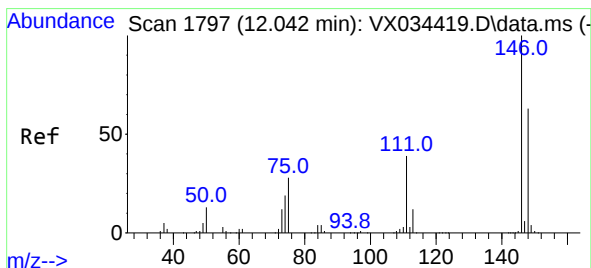
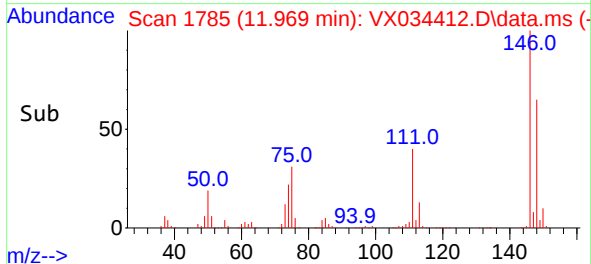
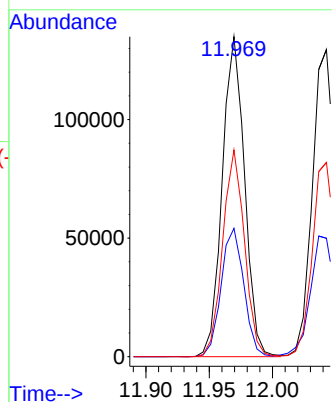
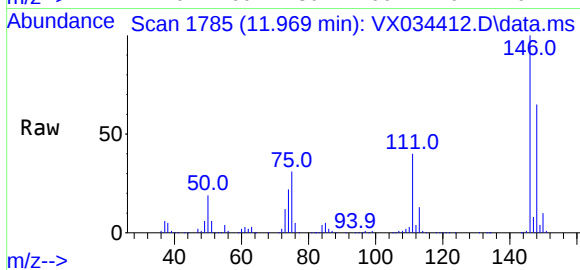
Tgt Ion:146 Resp: 165181

Ion Ratio Lower Upper

146 100

111 40.8 20.9 62.8

148 63.3 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 20.364 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034412.D

Acq: 10 Mar 2023 11:13

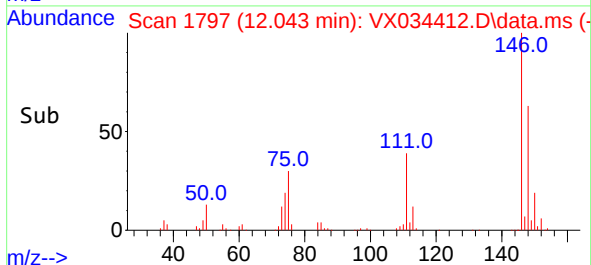
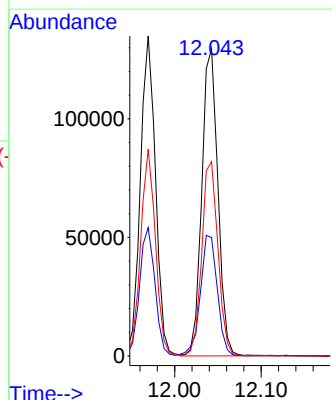
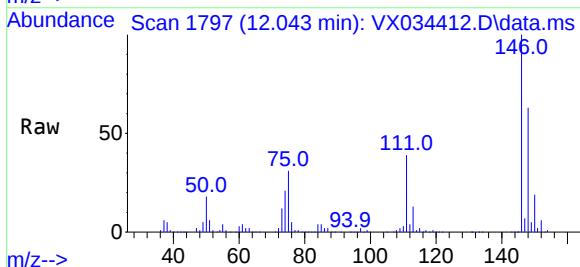
Tgt Ion:146 Resp: 167186

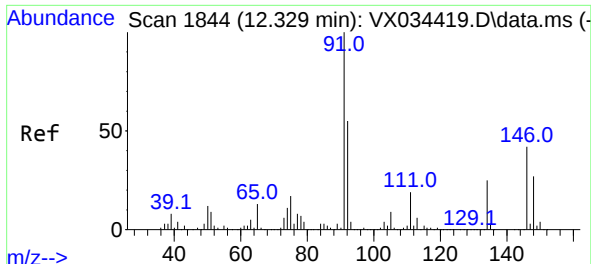
Ion Ratio Lower Upper

146 100

111 41.3 20.6 61.9

148 63.8 31.8 95.4





#89

n-Butylbenzene

Concen: 20.602 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX034412.D

Acq: 10 Mar 2023 11:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC020

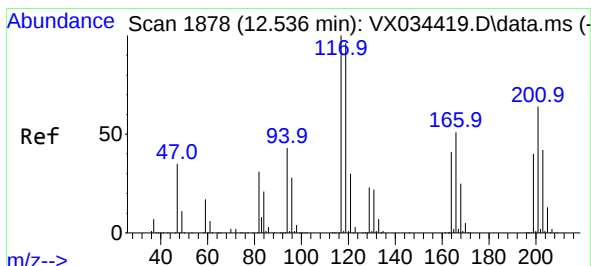
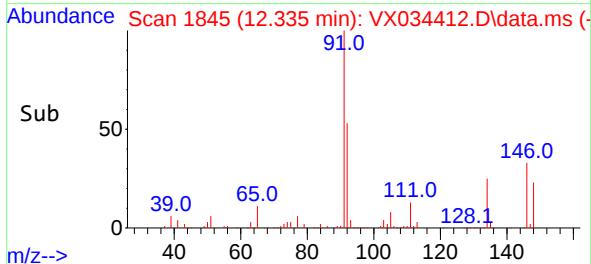
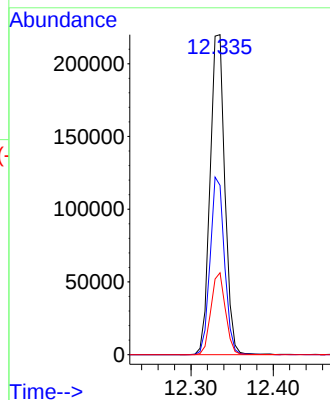
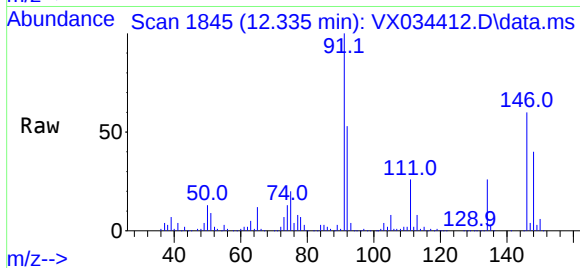
Tgt Ion: 91 Resp: 274866

Ion Ratio Lower Upper

91 100

92 53.9 27.7 83.0

134 25.1 13.0 38.9



#90

Hexachloroethane

Concen: 20.239 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX034412.D

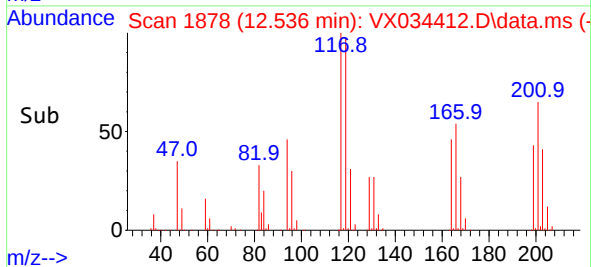
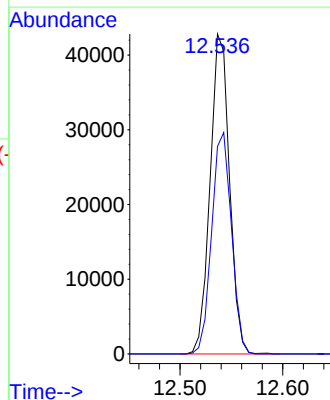
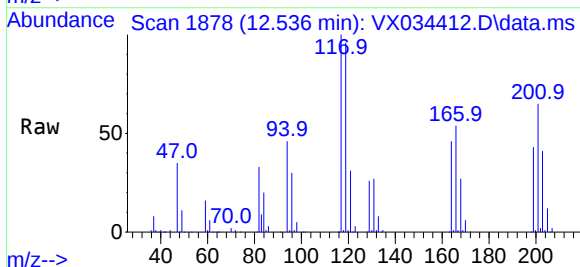
Acq: 10 Mar 2023 11:13

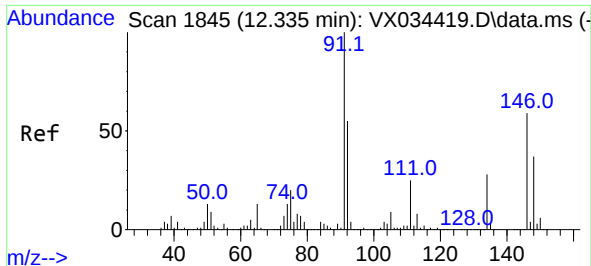
Tgt Ion: 117 Resp: 56203

Ion Ratio Lower Upper

117 100

201 70.6 34.4 103.1

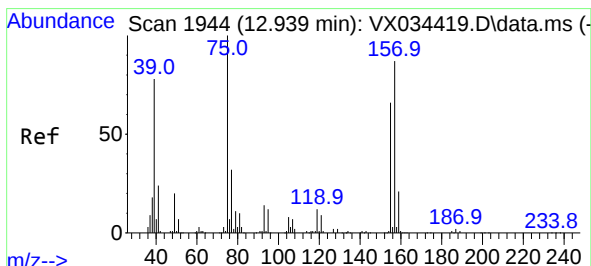
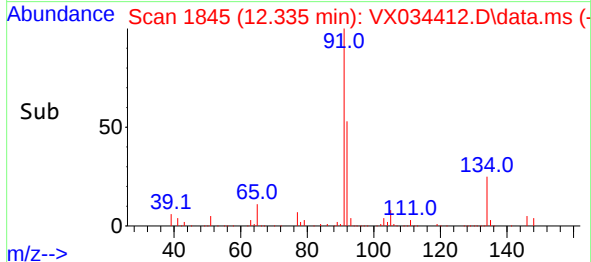
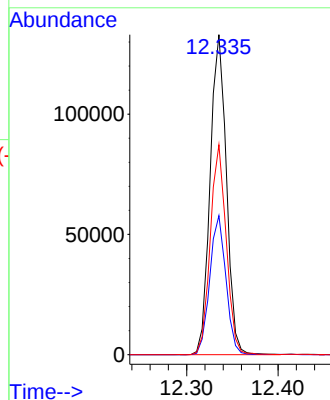
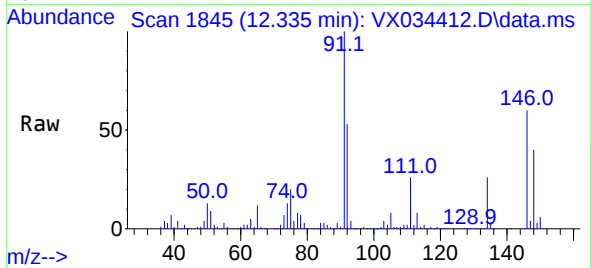




#91  
1,2-Dichlorobenzene  
Concen: 20.881 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

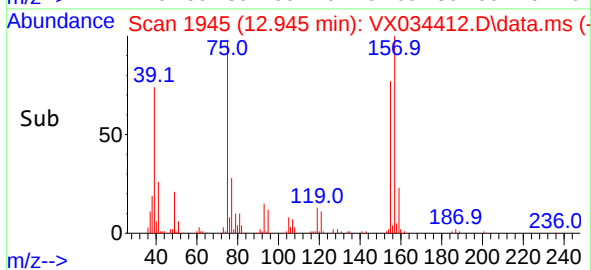
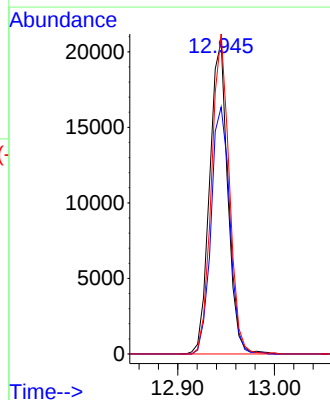
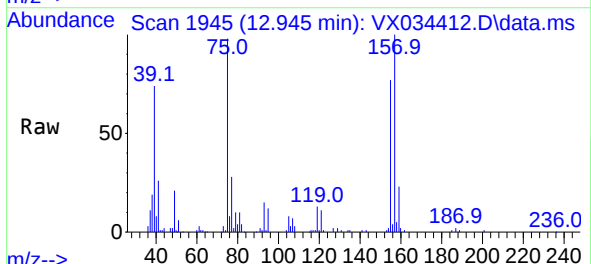
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

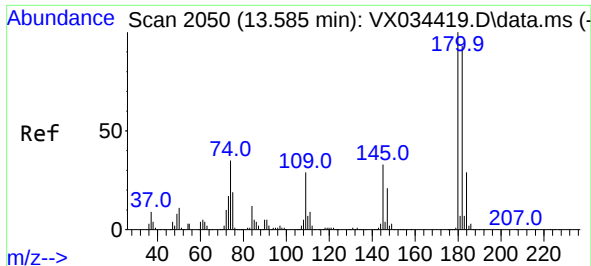
Tgt Ion:146 Resp: 163842  
Ion Ratio Lower Upper  
146 100  
111 43.3 22.0 66.0  
148 64.7 32.0 96.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.551 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.006 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion: 75 Resp: 26911  
Ion Ratio Lower Upper  
75 100  
155 81.5 38.4 115.1  
157 99.9 49.9 149.7

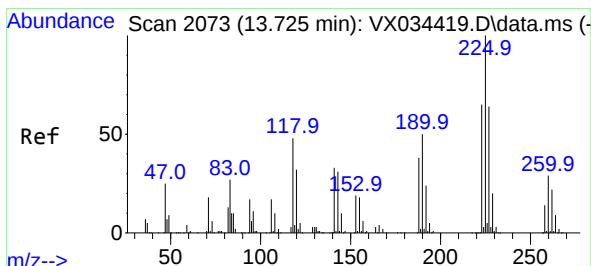
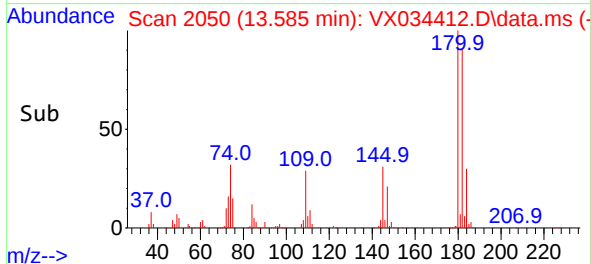
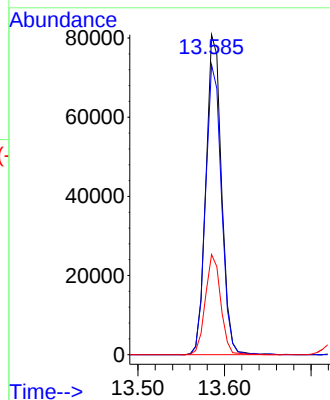
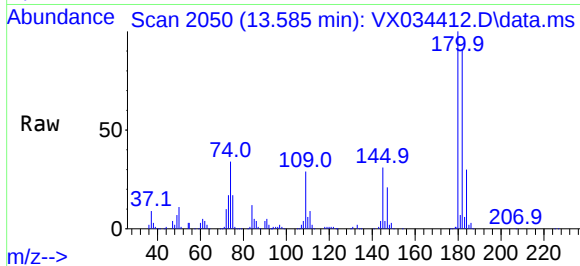




#93  
1,2,4-Trichlorobenzene  
Concen: 20.589 ug/l  
RT: 13.585 min Scan# 2050  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

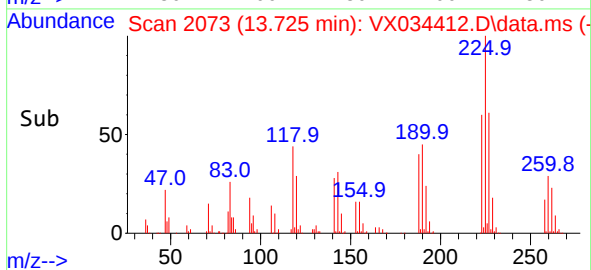
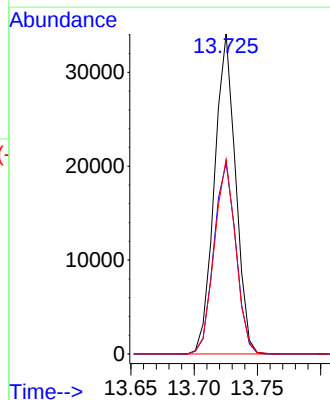
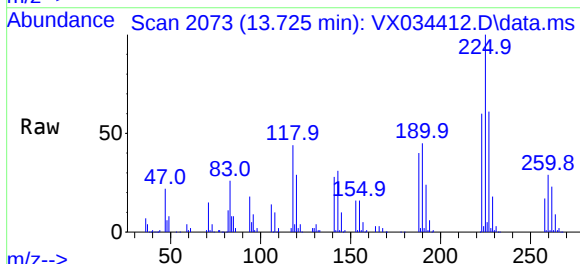
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

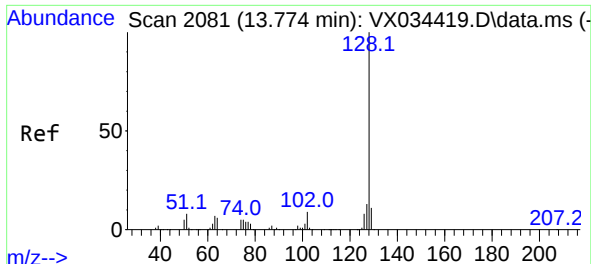
Tgt Ion:180 Resp: 101025  
Ion Ratio Lower Upper  
180 100  
182 92.1 47.0 141.0  
145 30.8 15.9 47.7



#94  
Hexachlorobutadiene  
Concen: 20.024 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion:225 Resp: 39582  
Ion Ratio Lower Upper  
225 100  
223 62.0 32.1 96.5  
227 61.5 31.8 95.4

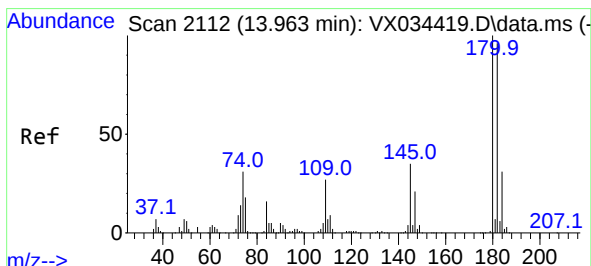
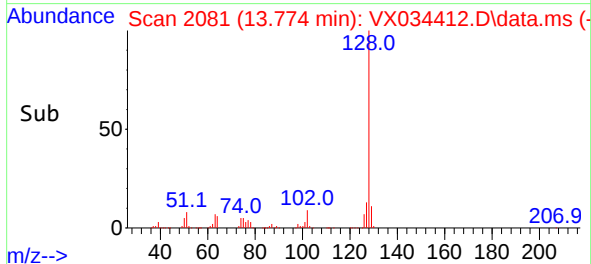
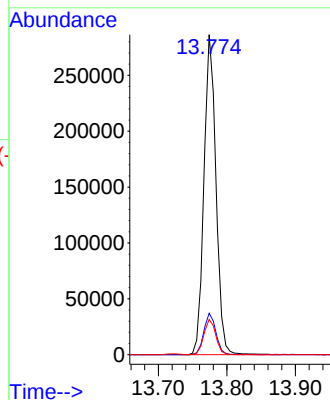
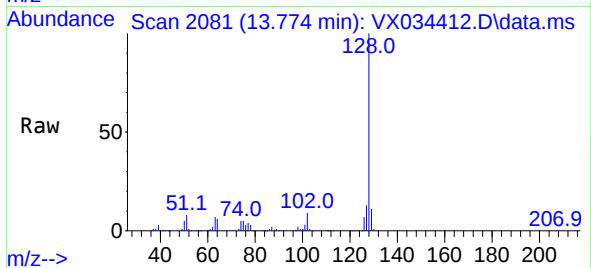




#95  
Naphthalene  
Concen: 21.247 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

Tgt Ion:128 Resp: 349603  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.2 15.4  
129 11.0 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 20.374 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: VX034412.D  
Acq: 10 Mar 2023 11:13

Tgt Ion:180 Resp: 97724  
Ion Ratio Lower Upper  
180 100  
182 97.3 48.0 144.2  
145 34.2 17.7 53.1

