

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011023\  
 Data File : VX033685.D  
 Acq On : 10 Jan 2023 15:55  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jan 11 00:33:42 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X010423W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 05 04:43:25 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon     | Response | Conc    | Units    | Dev(Min) |
|------------------------------|--------|----------|----------|---------|----------|----------|
| -----                        |        |          |          |         |          |          |
| Internal Standards           |        |          |          |         |          |          |
| 1) Pentafluorobenzene        | 5.550  | 168      | 162377   | 50.000  | ug/l     | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757  | 114      | 238140   | 50.000  | ug/l     | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117      | 221223   | 50.000  | ug/l     | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152      | 118710   | 50.000  | ug/l     | 0.00     |
| System Monitoring Compounds  |        |          |          |         |          |          |
| 33) 1,2-Dichloroethane-d4    | 5.952  | 65       | 97641    | 53.268  | ug/l     | 0.00     |
| Spiked Amount 50.000         | Range  | 78 - 117 | Recovery | =       | 106.540% |          |
| 35) Dibromofluoromethane     | 5.379  | 113      | 82028    | 52.405  | ug/l     | 0.00     |
| Spiked Amount 50.000         | Range  | 75 - 124 | Recovery | =       | 104.820% |          |
| 50) Toluene-d8               | 8.647  | 98       | 304592   | 54.443  | ug/l     | 0.00     |
| Spiked Amount 50.000         | Range  | 92 - 112 | Recovery | =       | 108.880% |          |
| 62) 4-Bromofluorobenzene     | 11.079 | 95       | 114966   | 57.974  | ug/l     | 0.00     |
| Spiked Amount 50.000         | Range  | 83 - 123 | Recovery | =       | 115.940% |          |
| Target Compounds             |        |          |          |         |          | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166  | 85       | 65274    | 48.744  | ug/l     | 99       |
| 3) Chloromethane             | 1.294  | 50       | 78522    | 47.644  | ug/l     | 100      |
| 4) Vinyl Chloride            | 1.374  | 62       | 80154    | 54.831  | ug/l     | 100      |
| 5) Bromomethane              | 1.618  | 94       | 34673    | 42.417  | ug/l     | 92       |
| 6) Chloroethane              | 1.691  | 64       | 40589    | 48.186  | ug/l     | 99       |
| 7) Trichlorofluoromethane    | 1.886  | 101      | 111385   | 53.859  | ug/l     | 97       |
| 8) Diethyl Ether             | 2.130  | 74       | 33598    | 51.655  | ug/l     | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101      | 75615    | 74.185  | ug/l     | 99       |
| 10) Methyl Iodide            | 2.453  | 142      | 96141    | 50.952  | ug/l     | 99       |
| 11) Tert butyl alcohol       | 3.026  | 59       | 48586    | 161.351 | ug/l #   | 96       |
| 12) 1,1-Dichloroethene       | 2.319  | 96       | 70713    | 74.335  | ug/l     | 96       |
| 13) Acrolein                 | 2.239  | 56       | 57730    | 320.613 | ug/l     | 100      |
| 14) Allyl chloride           | 2.666  | 41       | 134319   | 53.023  | ug/l     | 100      |
| 15) Acrylonitrile            | 3.069  | 53       | 201525   | 247.424 | ug/l     | 99       |
| 16) Acetone                  | 2.398  | 43       | 170811   | 275.182 | ug/l     | 99       |
| 17) Carbon Disulfide         | 2.514  | 76       | 177210   | 50.631  | ug/l     | 98       |
| 18) Methyl Acetate           | 2.703  | 43       | 124452   | 48.983  | ug/l     | 99       |
| 19) Methyl tert-butyl Ether  | 3.105  | 73       | 247973   | 52.012  | ug/l     | 99       |
| 20) Methylene Chloride       | 2.788  | 84       | 82120    | 53.334  | ug/l     | 98       |
| 21) trans-1,2-Dichloroethene | 3.087  | 96       | 77819    | 51.940  | ug/l     | 98       |
| 22) Diisopropyl ether        | 3.751  | 45       | 278173   | 54.499  | ug/l     | 93       |
| 23) Vinyl Acetate            | 3.715  | 43       | 1056905  | 269.658 | ug/l     | 100      |
| 24) 1,1-Dichloroethane       | 3.605  | 63       | 144140   | 52.194  | ug/l     | 99       |
| 25) 2-Butanone               | 4.556  | 43       | 276223   | 230.792 | ug/l     | 98       |
| 26) 2,2-Dichloropropane      | 4.471  | 77       | 108607   | 56.886  | ug/l     | 98       |
| 27) cis-1,2-Dichloroethene   | 4.483  | 96       | 92186    | 53.050  | ug/l     | 99       |
| 28) Bromochloromethane       | 4.891  | 49       | 57703    | 51.437  | ug/l     | 99       |
| 29) Tetrahydrofuran          | 5.007  | 42       | 181611   | 239.243 | ug/l     | 99       |
| 30) Chloroform               | 5.086  | 83       | 150988   | 53.518  | ug/l     | 99       |
| 31) Cyclohexane              | 5.471  | 56       | 131275   | 51.446  | ug/l     | 97       |
| 32) 1,1,1-Trichloroethane    | 5.379  | 97       | 130610   | 53.541  | ug/l     | 99       |
| 36) 1,1-Dichloropropene      | 5.690  | 75       | 110805   | 52.260  | ug/l     | 99       |
| 37) Ethyl Acetate            | 4.708  | 43       | 116813   | 49.724  | ug/l     | 99       |
| 38) Carbon Tetrachloride     | 5.672  | 117      | 120268   | 53.600  | ug/l     | 99       |
| 39) Methylcyclohexane        | 7.379  | 83       | 137250   | 51.845  | ug/l     | 99       |
| 40) Benzene                  | 6.031  | 78       | 323375   | 52.182  | ug/l     | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011023\  
 Data File : VX033685.D  
 Acq On : 10 Jan 2023 15:55  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jan 11 00:33:42 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X010423W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 05 04:43:25 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 67001    | 52.010  | ug/l   | 100      |
| 42) 1,2-Dichloroethane        | 6.080  | 62   | 121376   | 52.544  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.330  | 43   | 182116   | 50.238  | ug/l   | 99       |
| 44) Trichloroethene           | 7.123  | 130  | 91994    | 52.022  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 7.428  | 63   | 85178    | 53.357  | ug/l   | 99       |
| 46) Dibromomethane            | 7.574  | 93   | 59806    | 53.512  | ug/l   | 100      |
| 47) Bromodichloromethane      | 7.818  | 83   | 120793   | 55.788  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.690  | 41   | 95223    | 51.893  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 7.720  | 88   | 36305    | 930.181 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 8.568  | 43   | 580477   | 252.996 | ug/l   | 100      |
| 52) Toluene                   | 8.714  | 92   | 213021   | 52.285  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 124713   | 52.069  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 8.360  | 75   | 135995   | 56.743  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 9.147  | 97   | 87878    | 55.067  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.110  | 69   | 128614   | 53.984  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 145836   | 53.412  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 300599   | 248.043 | ug/l   | 100      |
| 59) 2-Hexanone                | 9.427  | 43   | 416114   | 245.506 | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.519  | 129  | 100406   | 57.521  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 91802    | 54.387  | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.269  | 164  | 81798    | 50.243  | ug/l   | 99       |
| 65) Chlorobenzene             | 10.079 | 112  | 238114   | 52.597  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 91871    | 54.289  | ug/l   | 100      |
| 67) Ethyl Benzene             | 10.189 | 91   | 419015   | 53.025  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.299 | 106  | 332023   | 107.663 | ug/l   | 98       |
| 69) o-Xylene                  | 10.640 | 106  | 163316   | 53.413  | ug/l   | 100      |
| 70) Styrene                   | 10.653 | 104  | 273811   | 54.511  | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 77591    | 57.269  | ug/l # | 98       |
| 73) Isopropylbenzene          | 10.963 | 105  | 426814   | 50.911  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.842 | 43   | 161411   | 47.516  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 125287   | 47.948  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 134984   | 62.067  | ug/l   | 84       |
| 77) Bromobenzene              | 11.195 | 156  | 113325   | 51.065  | ug/l   | 99       |
| 78) n-propylbenzene           | 11.305 | 91   | 490503   | 51.609  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 287113   | 50.298  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 357620   | 51.813  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 37076    | 51.743  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 328460   | 49.768  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.713 | 119  | 367730   | 51.065  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 355076   | 51.269  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.890 | 105  | 450714   | 52.976  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 388729   | 53.469  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 205901   | 51.549  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 208809   | 53.441  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.329 | 91   | 326329   | 53.675  | ug/l   | 100      |
| 90) Hexachloroethane          | 12.536 | 117  | 65930    | 56.211  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 200499   | 52.534  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 25556    | 52.598  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 142615   | 53.844  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 67283    | 57.704  | ug/l   | 100      |
| 95) Naphthalene               | 13.774 | 128  | 406605   | 48.763  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 140397   | 50.802  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011023\  
Data File : VX033685.D  
Acq On : 10 Jan 2023 15:55  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

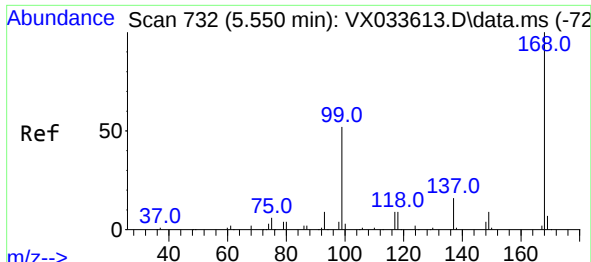
Quant Time: Jan 11 00:33:42 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X010423W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 05 04:43:25 2023  
Response via : Initial Calibration

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

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

Quant Time: Jan 11 00:33:42 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X010423W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 05 04:43:25 2023  
Response via : Initial Calibration

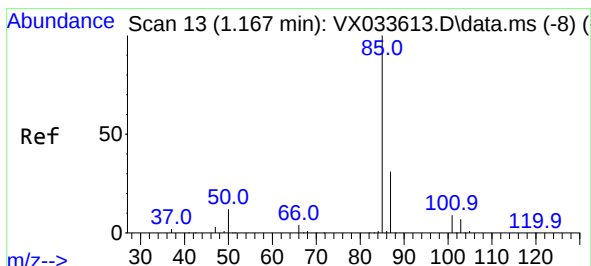
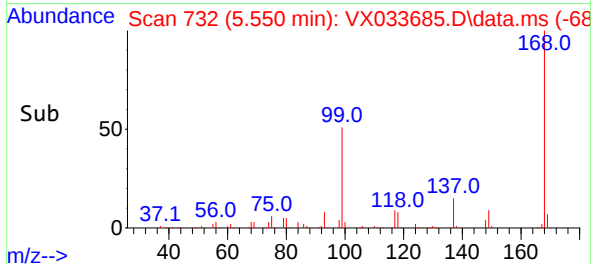
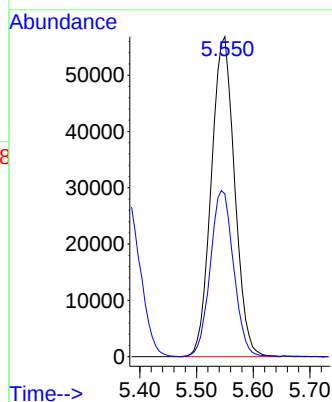
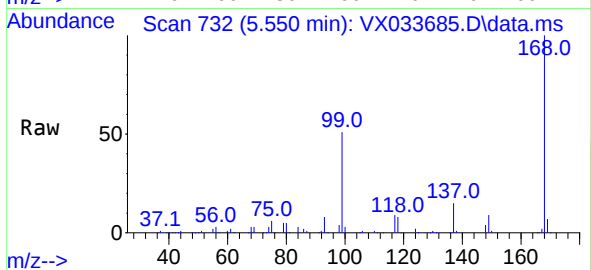




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

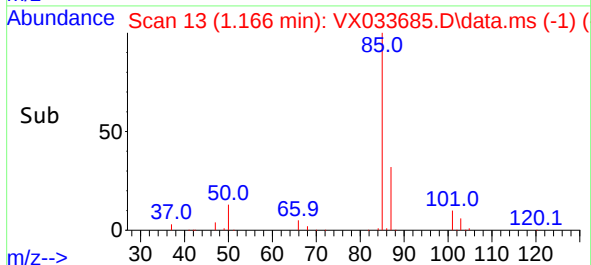
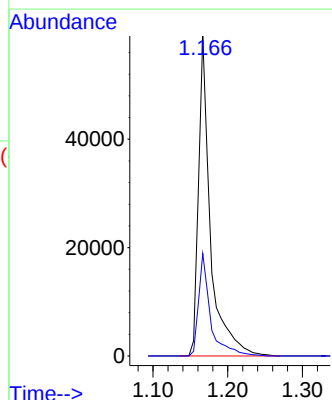
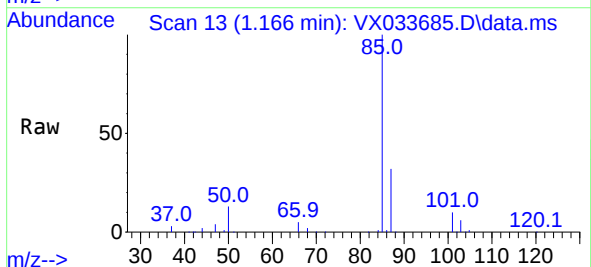
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:168 Resp: 162377  
Ion Ratio Lower Upper  
168 100  
99 50.8 41.4 62.2

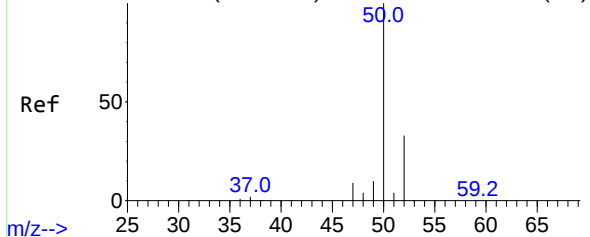


#2  
Dichlorodifluoromethane  
Concen: 48.744 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.001 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Tgt Ion: 85 Resp: 65274  
Ion Ratio Lower Upper  
85 100  
87 32.0 15.7 47.0



Abundance Scan 34 (1.295 min): VX033613.D\data.ms (-28)



#3

Chloromethane

Concen: 47.644 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX033685.D

Acq: 10 Jan 2023 15:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

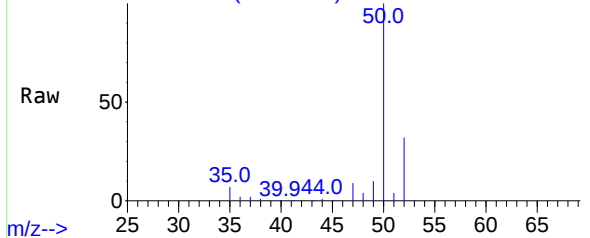
Tgt Ion: 50 Resp: 78522

Ion Ratio Lower Upper

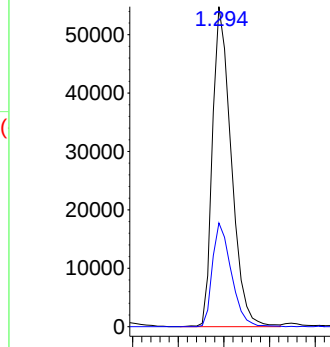
50 100

52 32.4 26.1 39.1

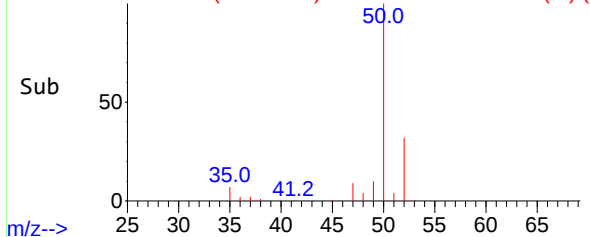
Abundance Scan 34 (1.294 min): VX033685.D\data.ms



Abundance

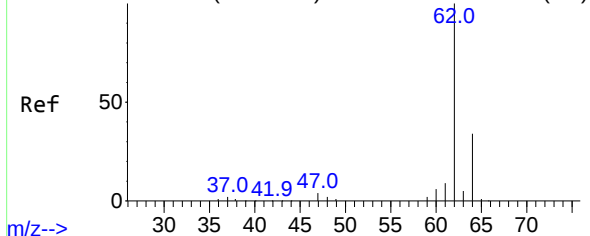


Abundance Scan 34 (1.294 min): VX033685.D\data.ms (-1)



Time-->

Abundance Scan 47 (1.374 min): VX033613.D\data.ms (-42)



#4

Vinyl Chloride

Concen: 54.831 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX033685.D

Acq: 10 Jan 2023 15:55

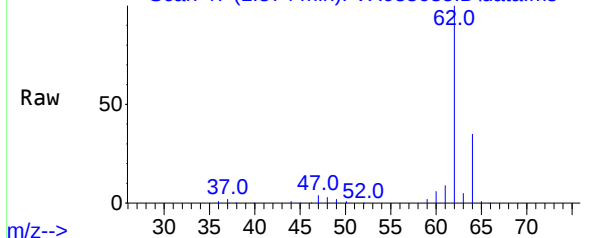
Tgt Ion: 62 Resp: 80154

Ion Ratio Lower Upper

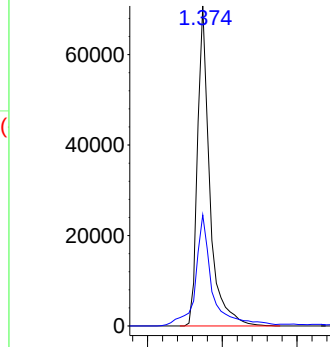
62 100

64 34.1 27.2 40.8

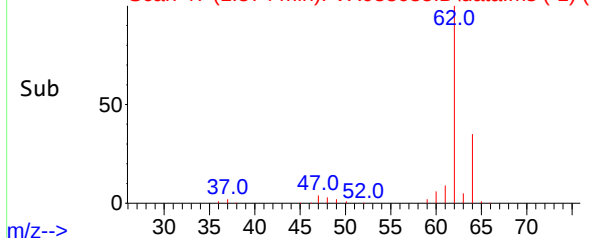
Abundance Scan 47 (1.374 min): VX033685.D\data.ms



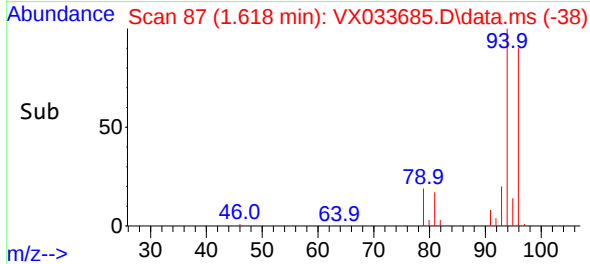
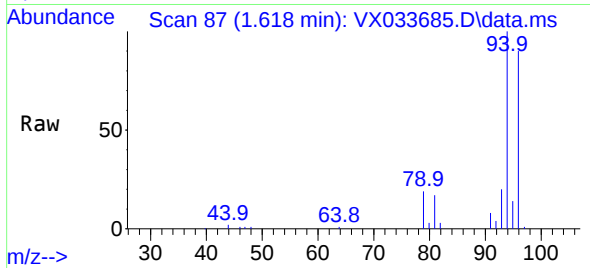
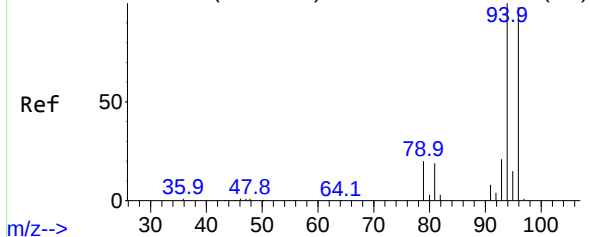
Abundance



Abundance Scan 47 (1.374 min): VX033685.D\data.ms (-1)



Abundance Scan 87 (1.618 min): VX033613.D\data.ms (-81)



#5

Bromomethane

Concen: 42.417 ug/l

RT: 1.618 min Scan# 81

Delta R.T. -0.000 min

Lab File: VX033685.D

Acq: 10 Jan 2023 15:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

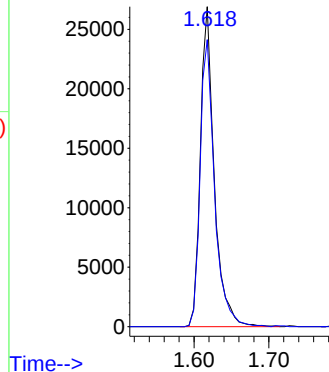
Tgt Ion: 94 Resp: 34673

Ion Ratio Lower Upper

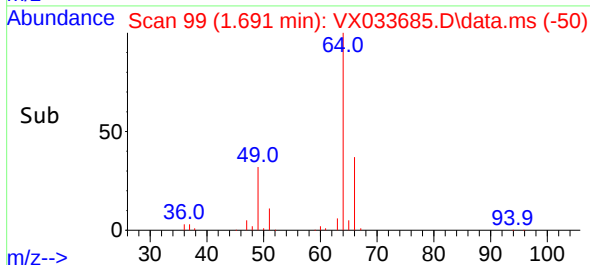
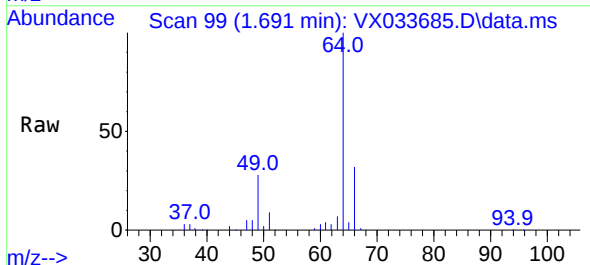
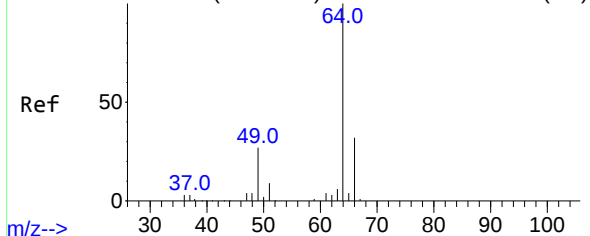
94 100

96 89.7 78.0 117.0

Abundance



Abundance Scan 99 (1.691 min): VX033613.D\data.ms (-92)



#6

Chloroethane

Concen: 48.186 ug/l

RT: 1.691 min Scan# 99

Delta R.T. -0.000 min

Lab File: VX033685.D

Acq: 10 Jan 2023 15:55

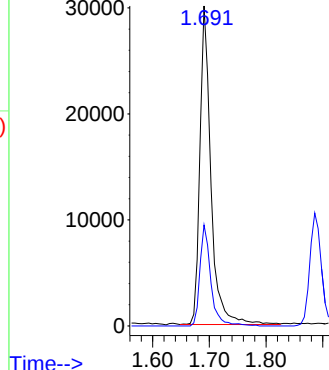
Tgt Ion: 64 Resp: 40589

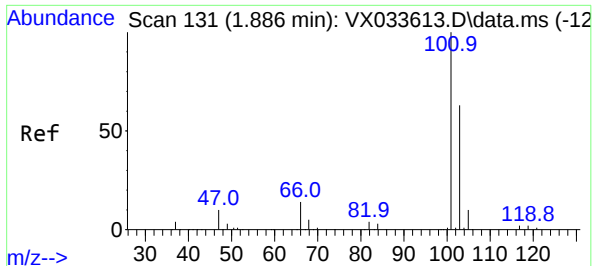
Ion Ratio Lower Upper

64 100

66 31.7 25.7 38.5

Abundance

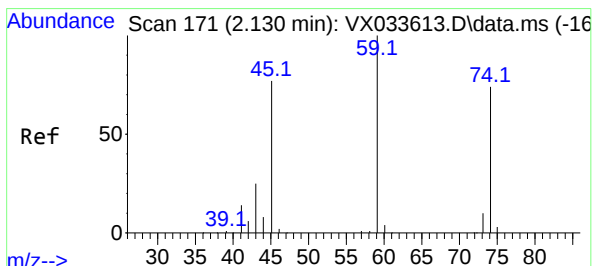
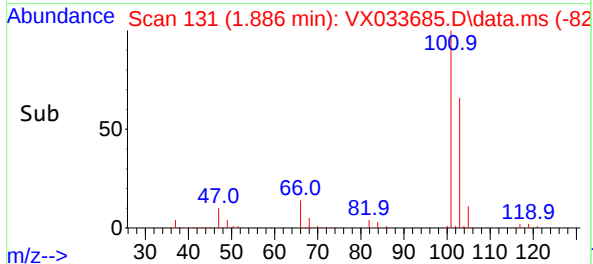
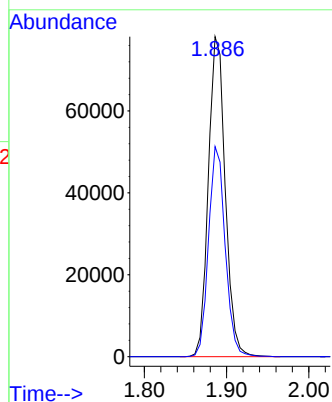
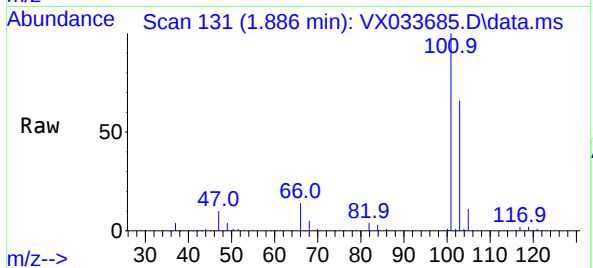




#7  
Trichlorofluoromethane  
Concen: 53.859 ug/l  
RT: 1.886 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

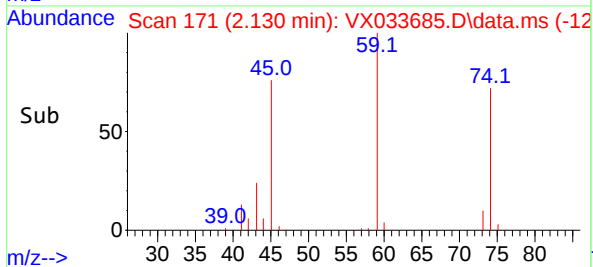
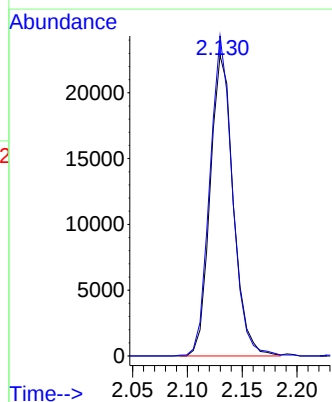
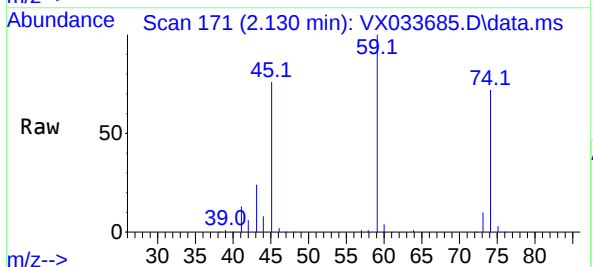
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

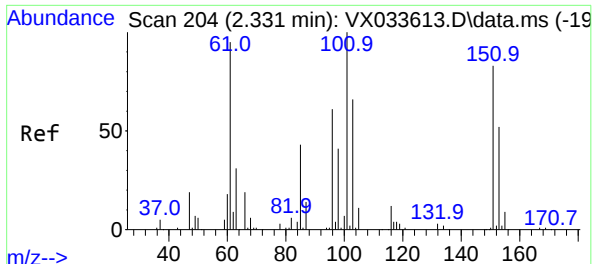
Tgt Ion:101 Resp: 111385  
Ion Ratio Lower Upper  
101 100  
103 65.6 50.6 75.8



#8  
Diethyl Ether  
Concen: 51.655 ug/l  
RT: 2.130 min Scan# 171  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Tgt Ion: 74 Resp: 33598  
Ion Ratio Lower Upper  
74 100  
45 103.9 50.1 150.4

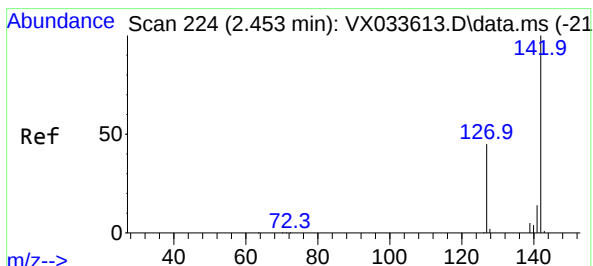
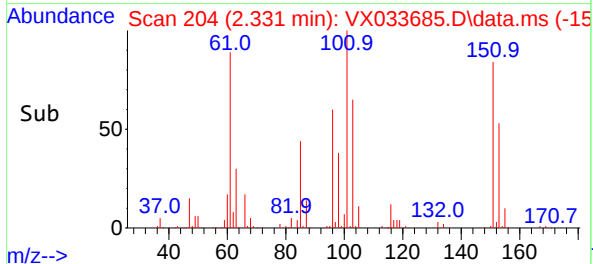
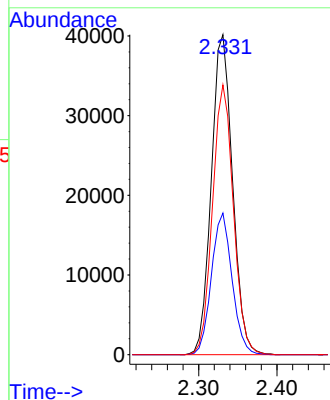
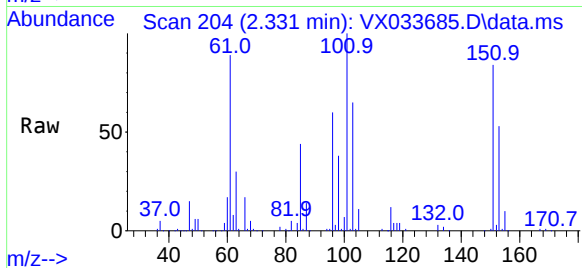




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 74.185 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

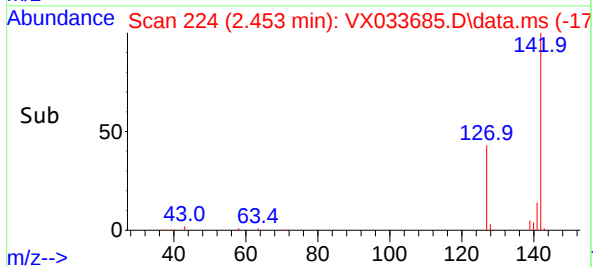
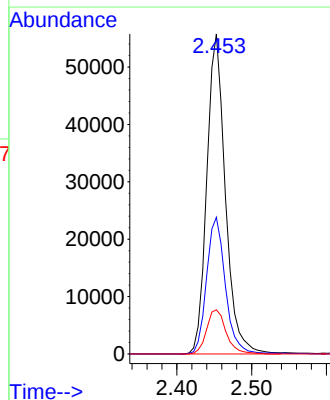
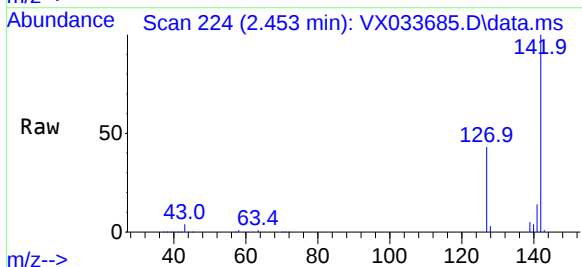
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

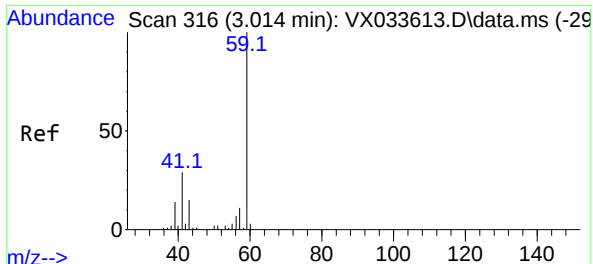
Tgt Ion:101 Resp: 75615  
Ion Ratio Lower Upper  
101 100  
85 43.1 35.7 53.5  
151 83.1 66.7 100.1



#10  
Methyl Iodide  
Concen: 50.952 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Tgt Ion:142 Resp: 96141  
Ion Ratio Lower Upper  
142 100  
127 43.4 35.7 53.5  
141 14.5 11.6 17.4

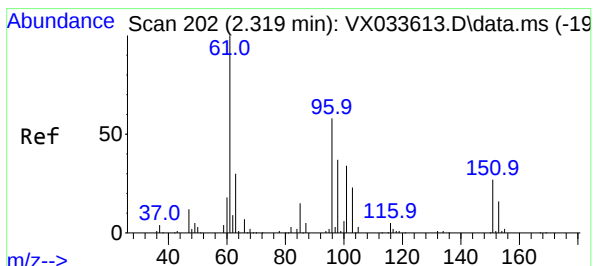
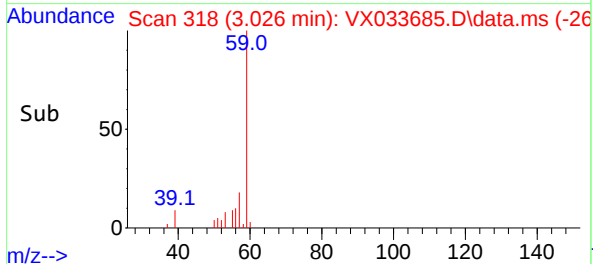
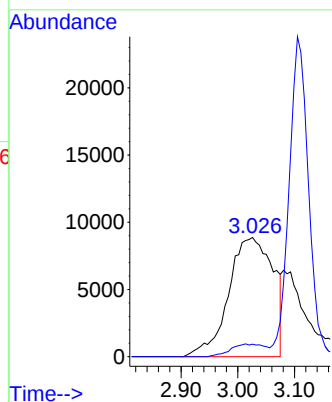
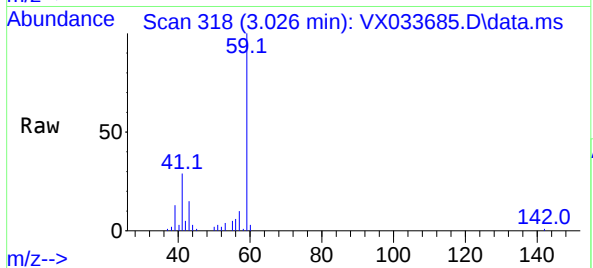




#11  
Tert butyl alcohol  
Concen: 161.351 ug/l  
RT: 3.026 min Scan# 316  
Delta R.T. 0.012 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

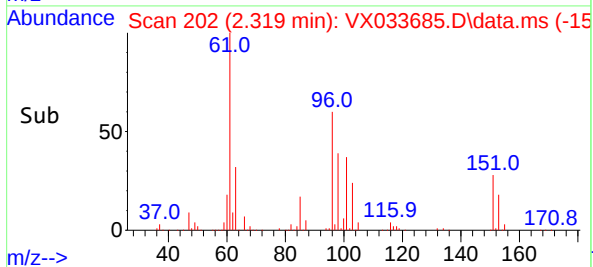
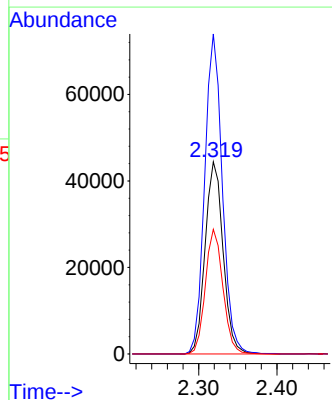
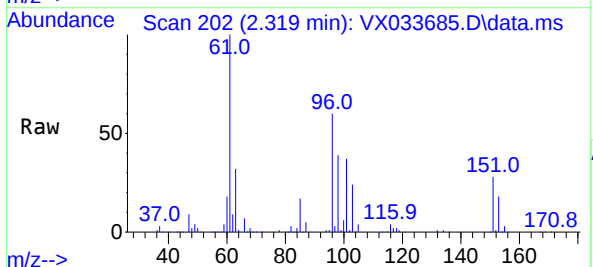
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

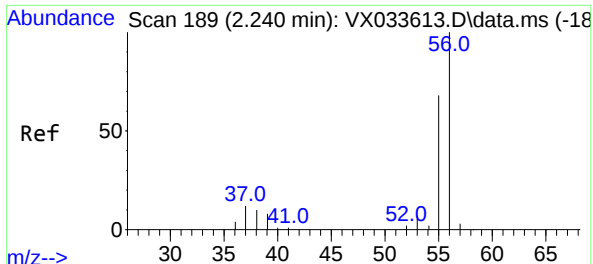
Tgt Ion: 59 Resp: 48586  
Ion Ratio Lower Upper  
59 100  
57 8.3 5.5 8.3#



#12  
1,1-Dichloroethene  
Concen: 74.335 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Tgt Ion: 96 Resp: 70713  
Ion Ratio Lower Upper  
96 100  
61 166.5 139.1 208.7  
98 64.9 50.8 76.2

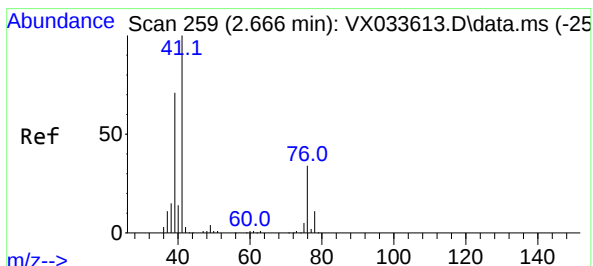
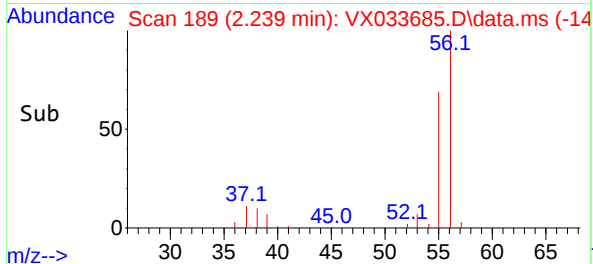
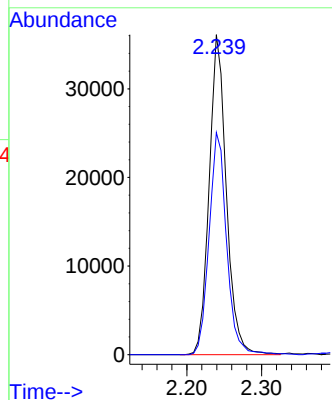
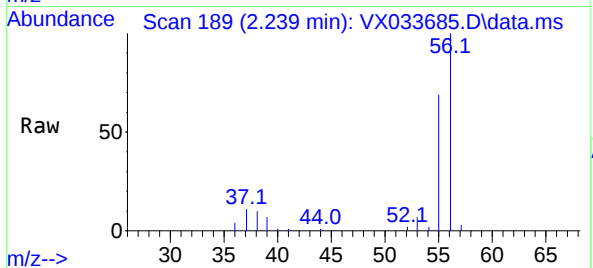




#13  
Acrolein  
Concen: 320.613 ug/l  
RT: 2.239 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

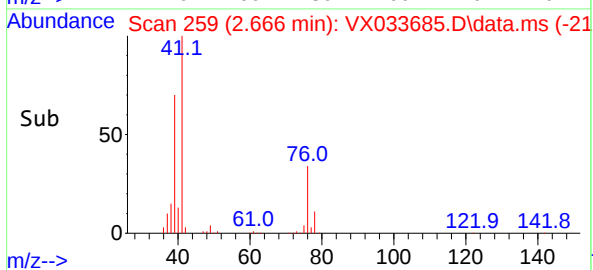
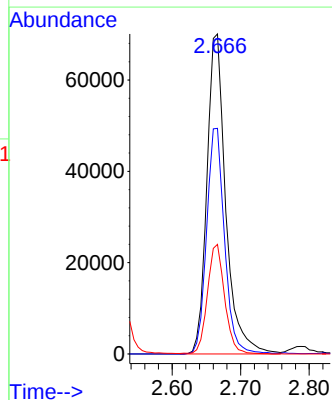
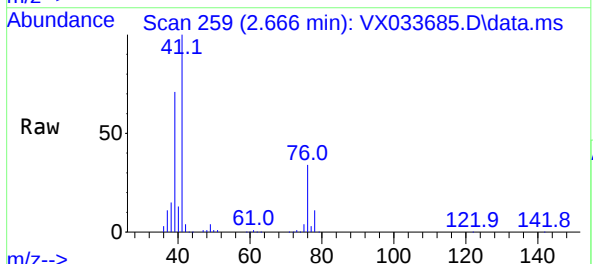
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

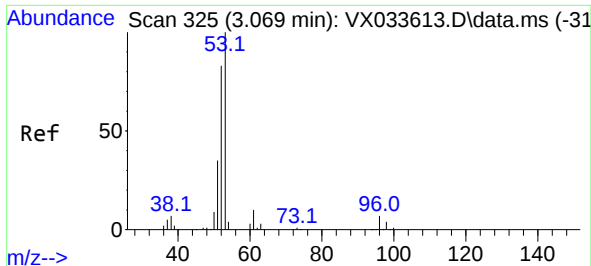
Tgt Ion: 56 Resp: 57730  
Ion Ratio Lower Upper  
56 100  
55 70.9 56.9 85.3



#14  
Allyl chloride  
Concen: 53.023 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Tgt Ion: 41 Resp: 134319  
Ion Ratio Lower Upper  
41 100  
39 66.9 53.3 79.9  
76 31.3 25.0 37.4

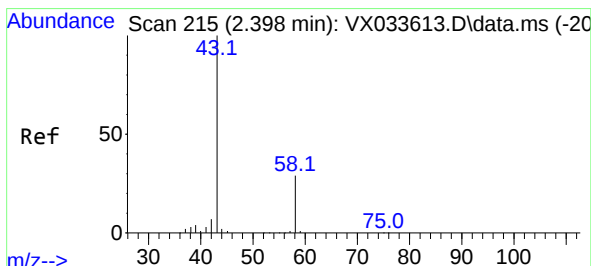
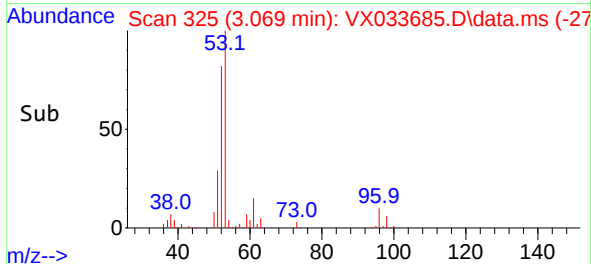
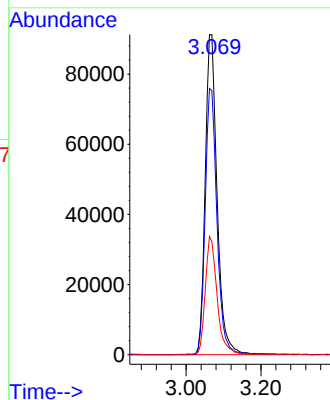
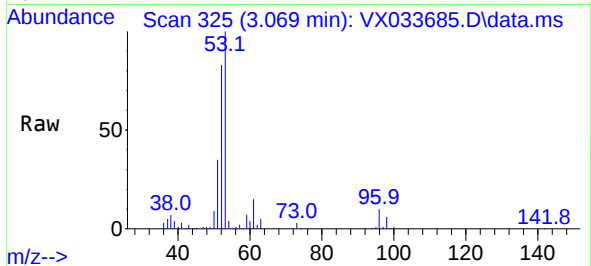




#15  
Acrylonitrile  
Concen: 247.424 ug/l  
RT: 3.069 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

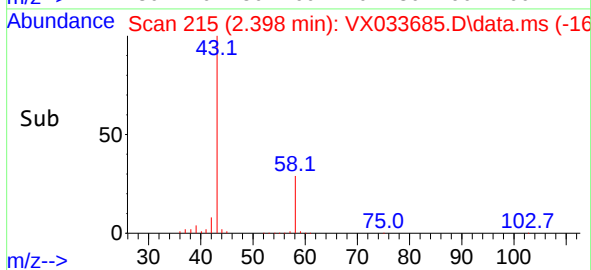
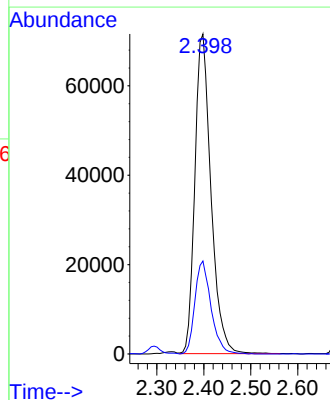
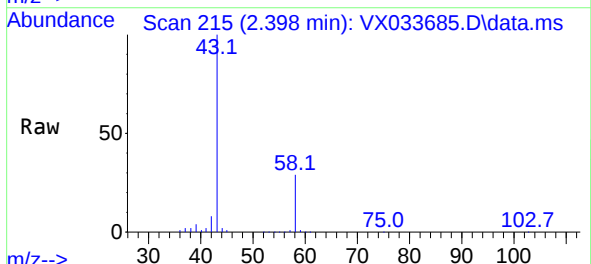
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

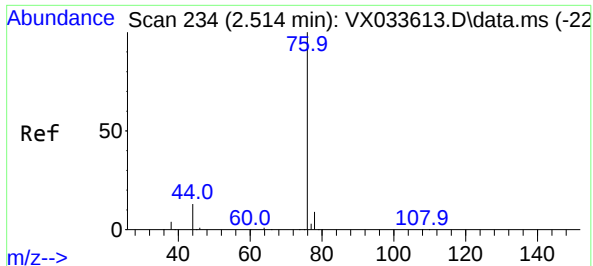
Tgt Ion: 53 Resp: 201525  
Ion Ratio Lower Upper  
53 100  
52 82.2 66.7 100.1  
51 36.9 29.8 44.8



#16  
Acetone  
Concen: 275.182 ug/l  
RT: 2.398 min Scan# 215  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Tgt Ion: 43 Resp: 170811  
Ion Ratio Lower Upper  
43 100  
58 29.1 22.9 34.3

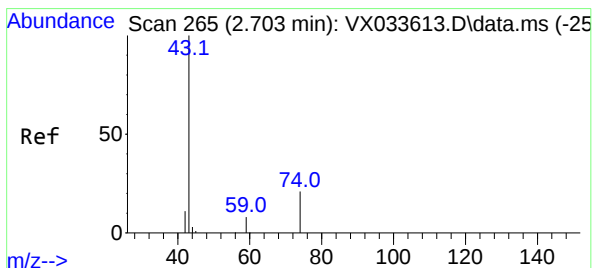
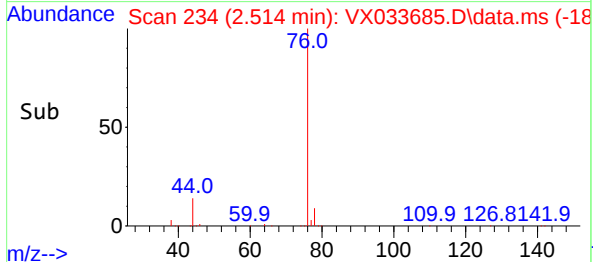
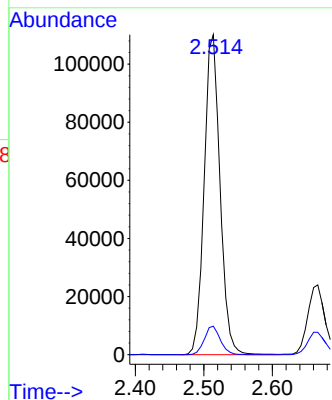
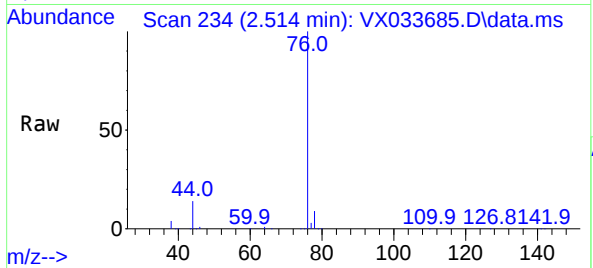




#17  
Carbon Disulfide  
Concen: 50.631 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

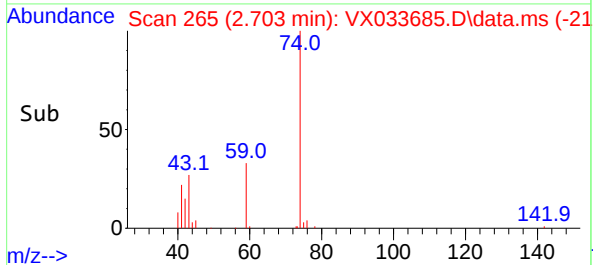
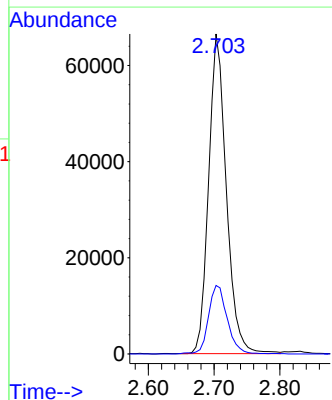
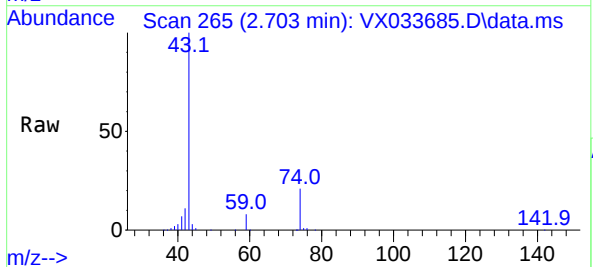
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

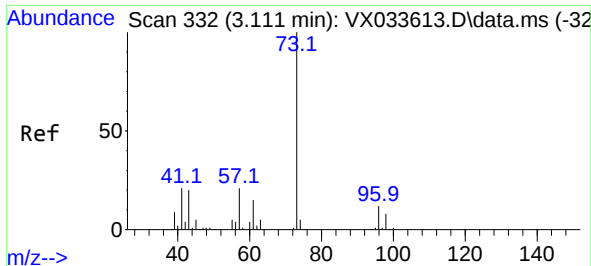
Tgt Ion: 76 Resp: 177210  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.6 11.4



#18  
Methyl Acetate  
Concen: 48.983 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Tgt Ion: 43 Resp: 124452  
Ion Ratio Lower Upper  
43 100  
74 22.6 17.9 26.9

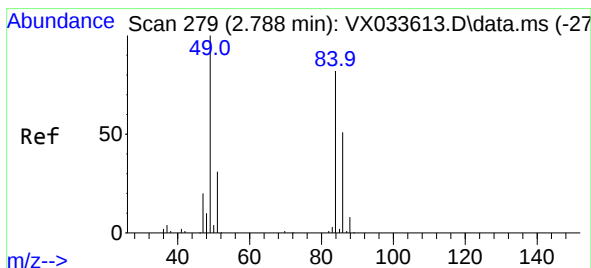
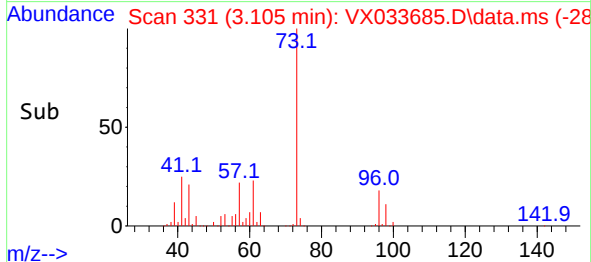
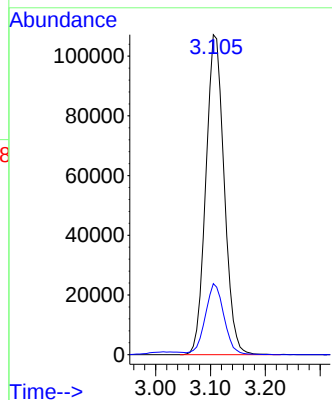
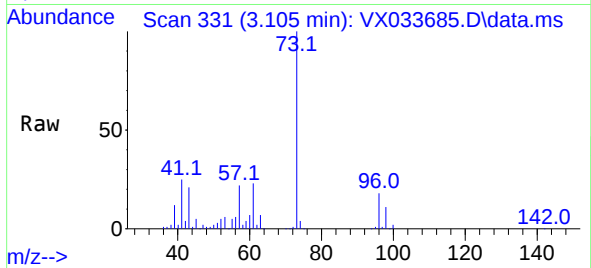




#19  
Methyl tert-butyl Ether  
Concen: 52.012 ug/l  
RT: 3.105 min Scan# 311  
Delta R.T. -0.006 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

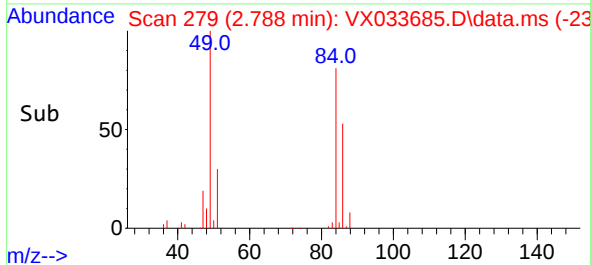
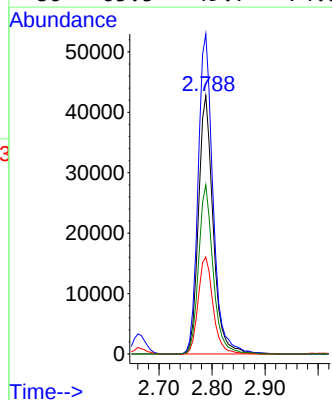
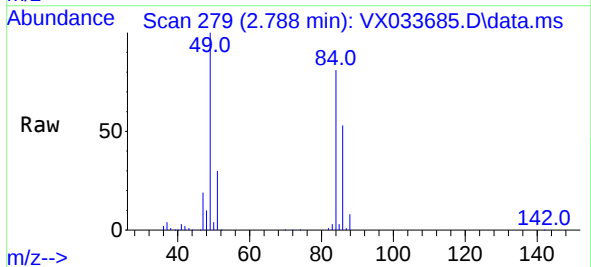
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

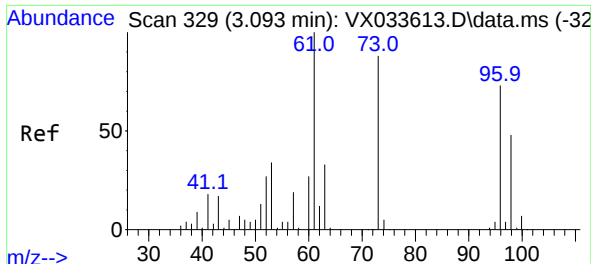
Tgt Ion: 73 Resp: 247973  
Ion Ratio Lower Upper  
73 100  
57 22.2 17.4 26.2



#20  
Methylene Chloride  
Concen: 53.334 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Tgt Ion: 84 Resp: 82120  
Ion Ratio Lower Upper  
84 100  
49 123.8 97.6 146.4  
51 37.5 30.4 45.6  
86 65.5 49.7 74.5

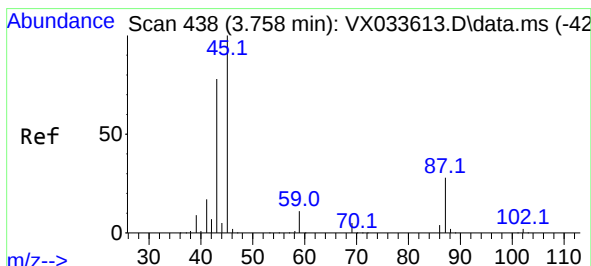
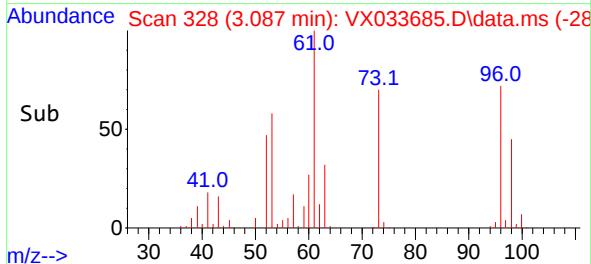
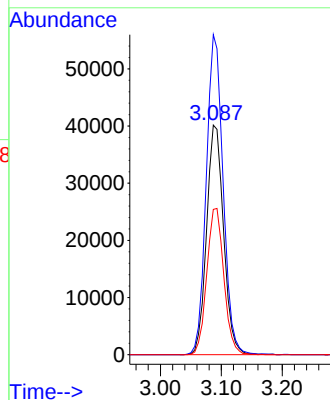
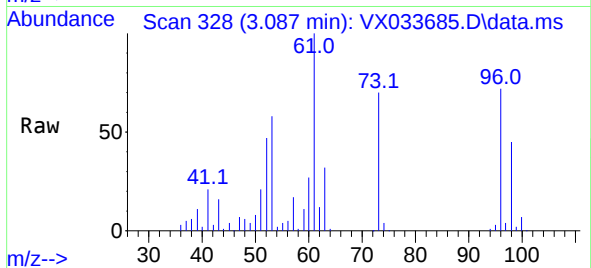




#21  
trans-1,2-Dichloroethene  
Concen: 51.940 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

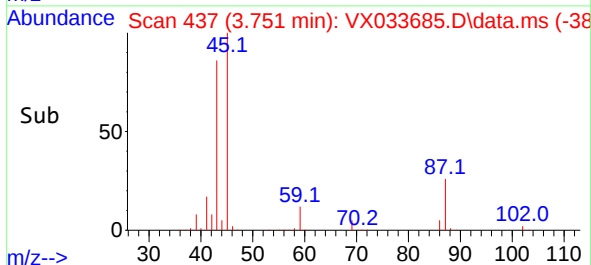
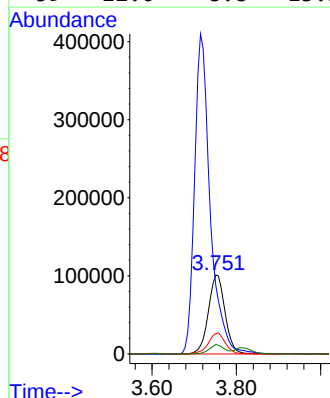
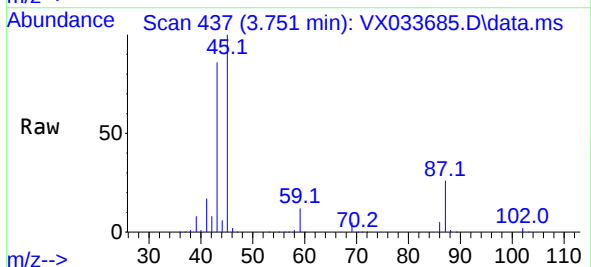
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

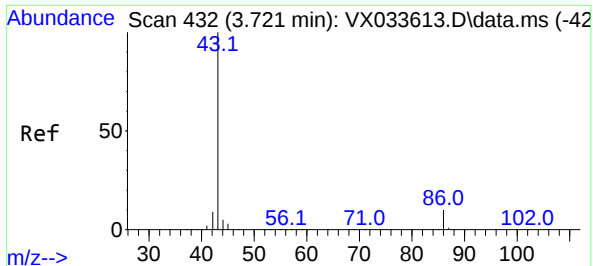
Tgt Ion: 96 Resp: 77819  
Ion Ratio Lower Upper  
96 100  
61 139.4 109.7 164.5  
98 63.3 52.2 78.2



#22  
Diisopropyl ether  
Concen: 54.499 ug/l  
RT: 3.751 min Scan# 437  
Delta R.T. -0.006 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Tgt Ion: 45 Resp: 278173  
Ion Ratio Lower Upper  
45 100  
43 85.7 62.6 93.8  
87 25.7 22.1 33.1  
59 12.0 8.8 13.2

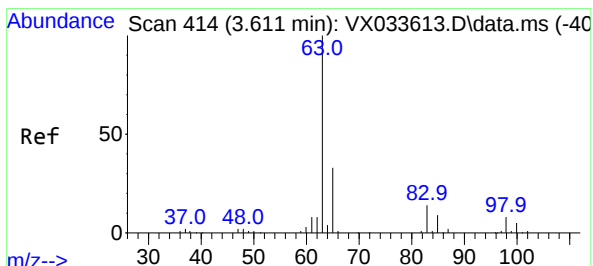
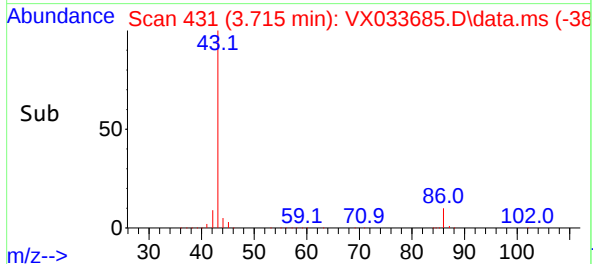
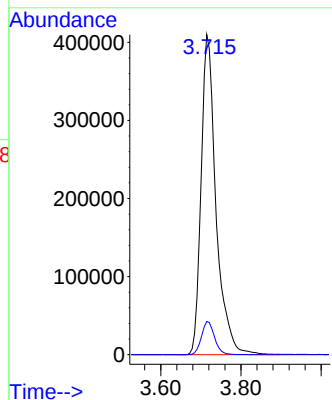
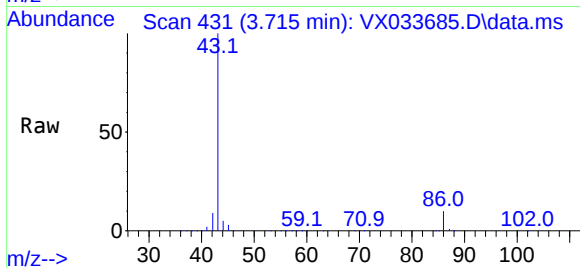




#23  
 Vinyl Acetate  
 Concen: 269.658 ug/l  
 RT: 3.715 min Scan# 41  
 Delta R.T. -0.006 min  
 Lab File: VX033685.D  
 Acq: 10 Jan 2023 15:55

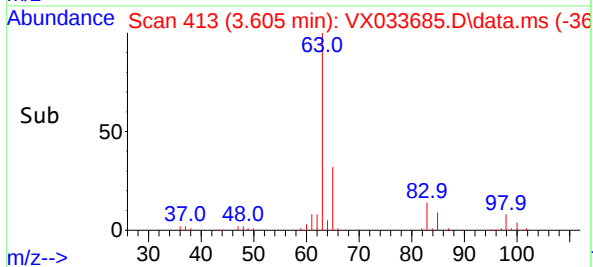
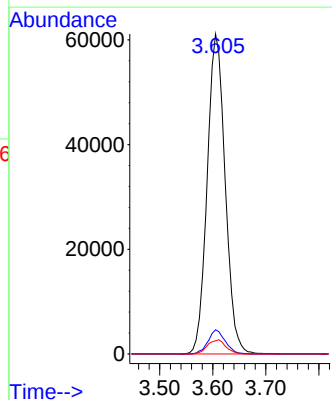
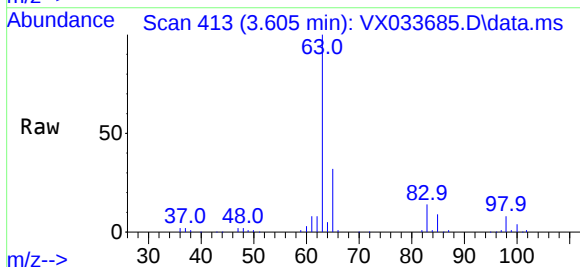
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

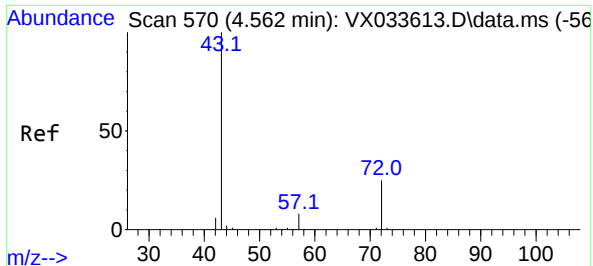
Tgt Ion: 43 Resp: 1056905  
 Ion Ratio Lower Upper  
 43 100  
 86 10.4 8.3 12.5



#24  
 1,1-Dichloroethane  
 Concen: 52.194 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. -0.006 min  
 Lab File: VX033685.D  
 Acq: 10 Jan 2023 15:55

Tgt Ion: 63 Resp: 144140  
 Ion Ratio Lower Upper  
 63 100  
 98 7.6 3.8 11.4  
 100 4.1 2.5 7.6





#25

2-Butanone

Concen: 230.792 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX033685.D

Acq: 10 Jan 2023 15:55

Instrument :

MSVOA\_X

ClientSampleId :

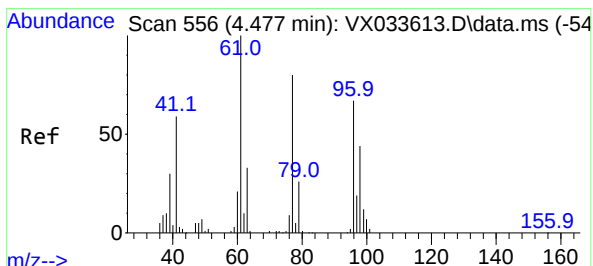
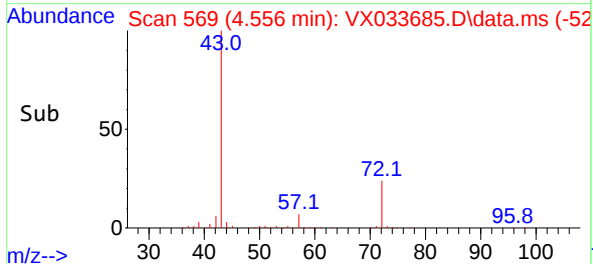
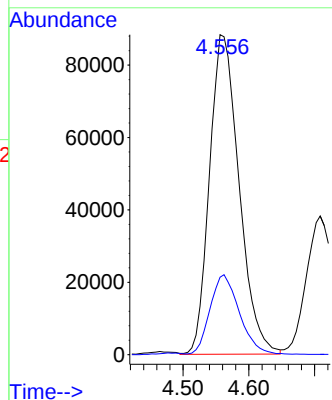
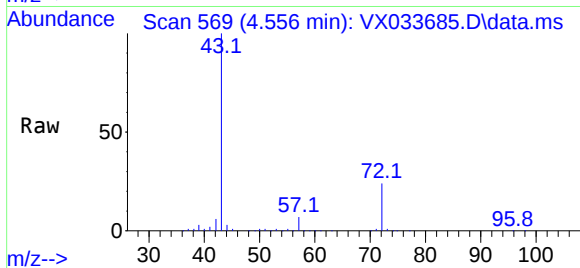
VSTDCCC050EC

Tgt Ion: 43 Resp: 276223

Ion Ratio Lower Upper

43 100

72 23.9 19.8 29.6



#26

2,2-Dichloropropane

Concen: 56.886 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX033685.D

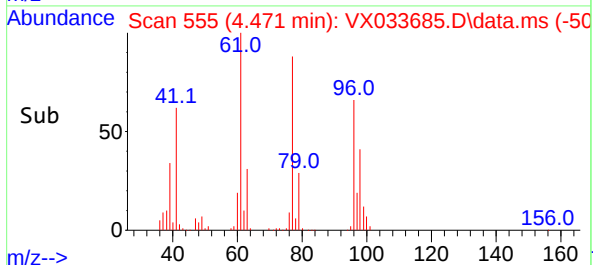
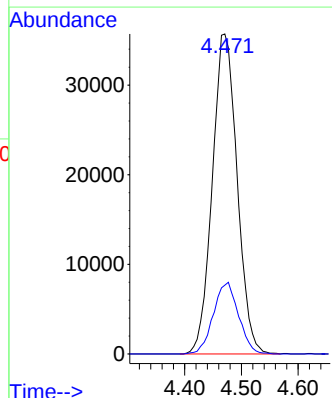
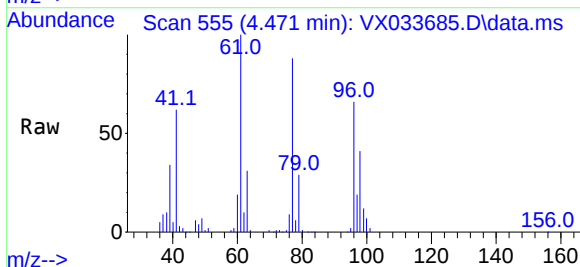
Acq: 10 Jan 2023 15:55

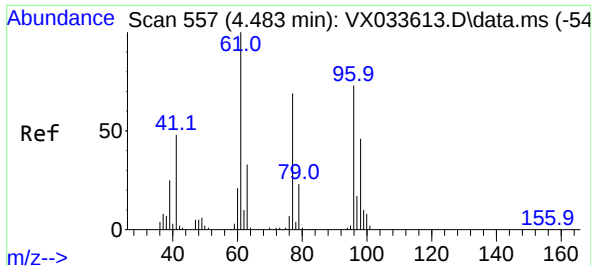
Tgt Ion: 77 Resp: 108607

Ion Ratio Lower Upper

77 100

97 22.7 11.9 35.7

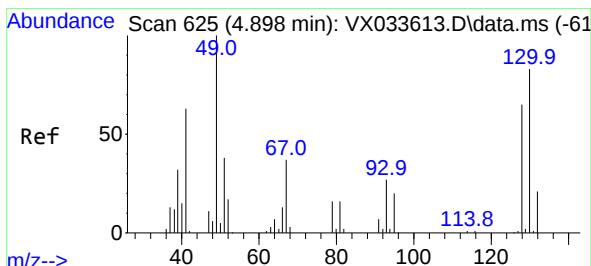
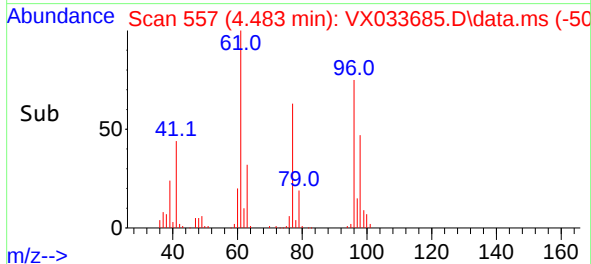
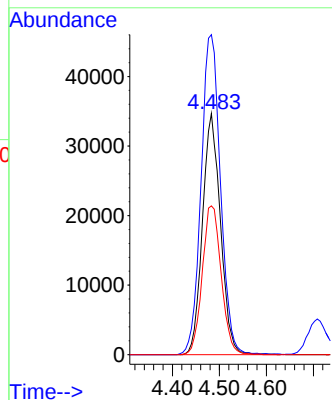
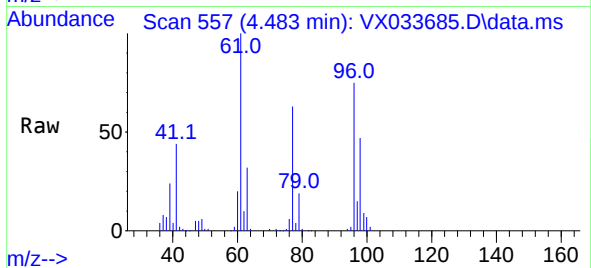




#27  
 cis-1,2-Dichloroethene  
 Concen: 53.050 ug/l  
 RT: 4.483 min Scan# 51  
 Delta R.T. -0.000 min  
 Lab File: VX033685.D  
 Acq: 10 Jan 2023 15:55

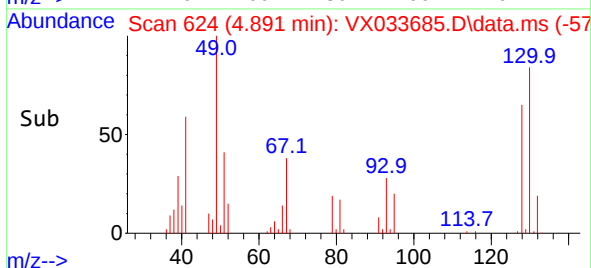
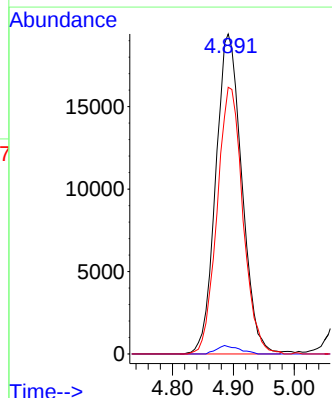
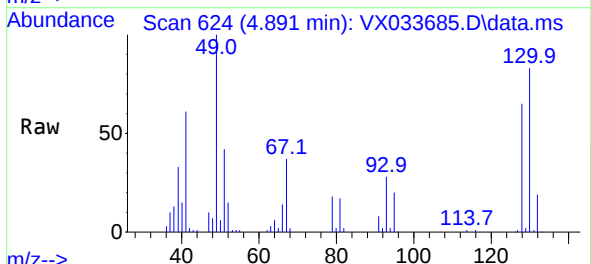
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

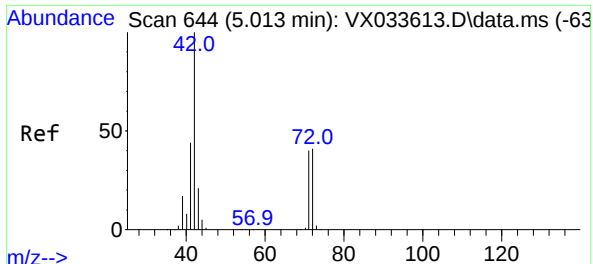
Tgt Ion: 96 Resp: 92186  
 Ion Ratio Lower Upper  
 96 100  
 61 143.1 0.0 283.8  
 98 65.0 0.0 129.6



#28  
 Bromochloromethane  
 Concen: 51.437 ug/l  
 RT: 4.891 min Scan# 624  
 Delta R.T. -0.006 min  
 Lab File: VX033685.D  
 Acq: 10 Jan 2023 15:55

Tgt Ion: 49 Resp: 57703  
 Ion Ratio Lower Upper  
 49 100  
 129 2.3 0.0 4.0  
 130 82.3 66.6 100.0

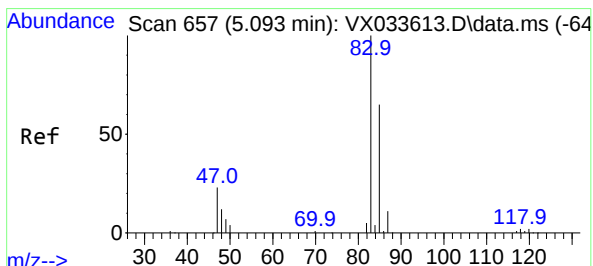
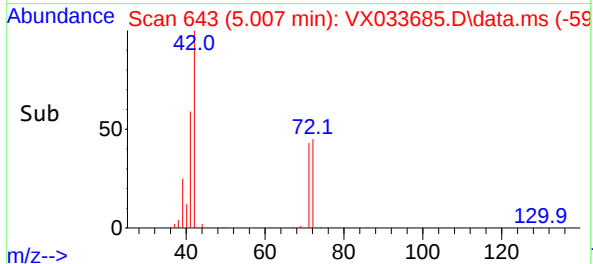
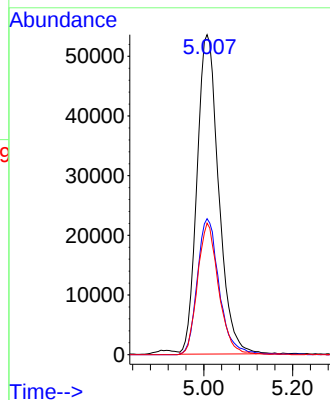
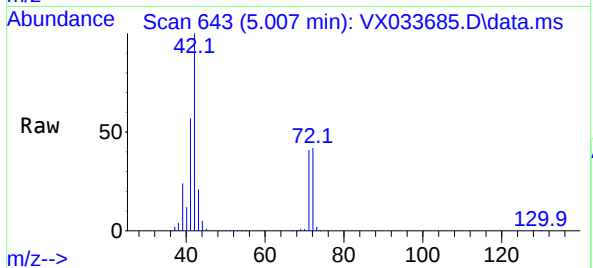




#29  
Tetrahydrofuran  
Concen: 239.243 ug/l  
RT: 5.007 min Scan# 64  
Delta R.T. -0.006 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

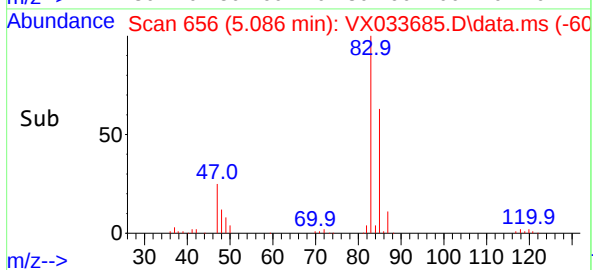
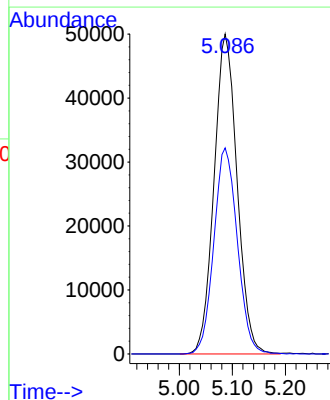
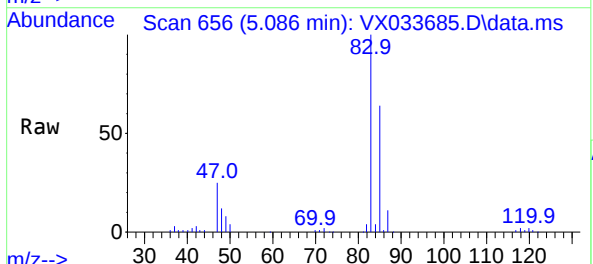
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

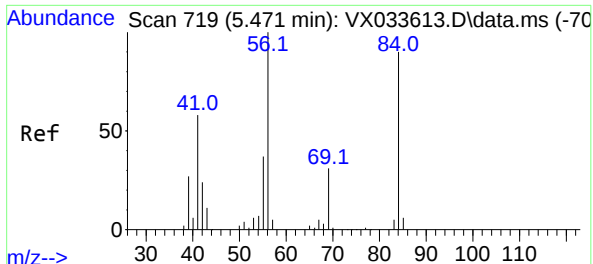
Tgt Ion: 42 Resp: 181611  
Ion Ratio Lower Upper  
42 100  
72 43.1 34.2 51.4  
71 40.0 31.4 47.0



#30  
Chloroform  
Concen: 53.518 ug/l  
RT: 5.086 min Scan# 656  
Delta R.T. -0.006 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

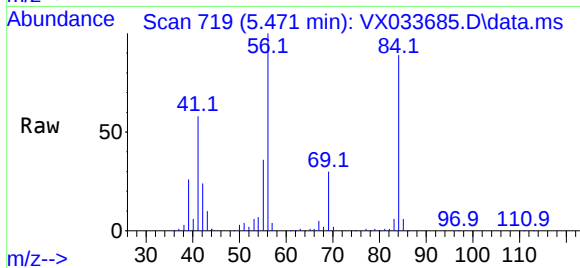
Tgt Ion: 83 Resp: 150988  
Ion Ratio Lower Upper  
83 100  
85 64.4 52.2 78.2



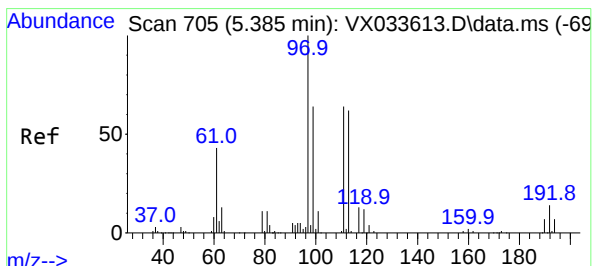
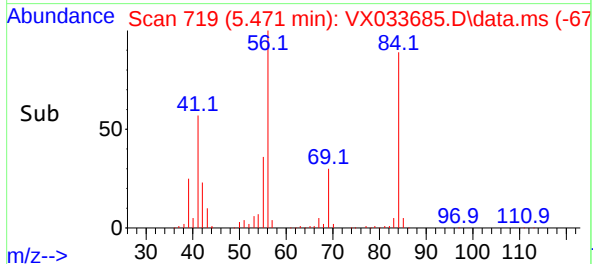
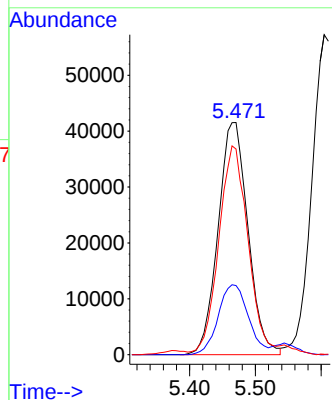


#31  
Cyclohexane  
Concen: 51.446 ug/l  
RT: 5.471 min Scan# 719  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

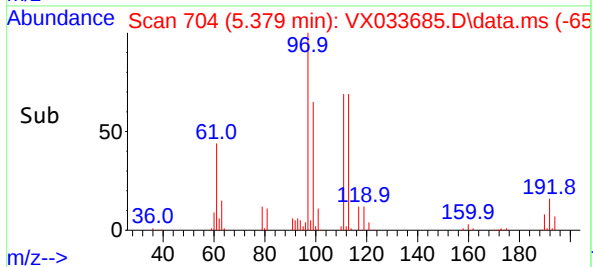
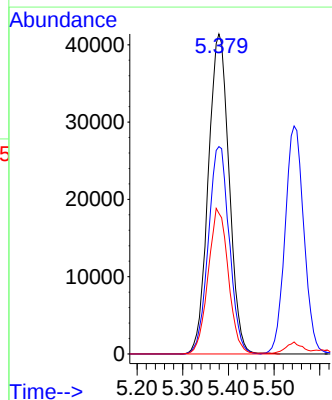
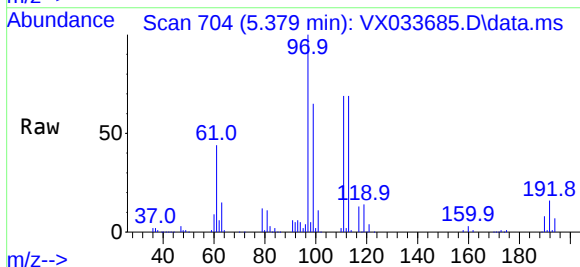


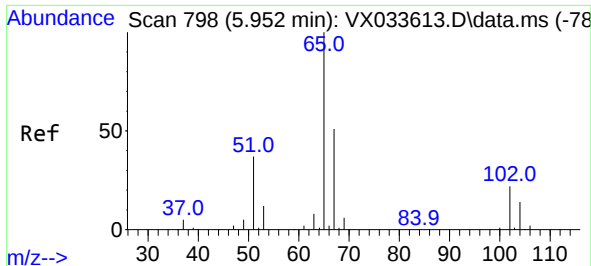
Tgt Ion: 56 Resp: 131275  
Ion Ratio Lower Upper  
56 100  
69 29.8 24.6 36.8  
84 87.1 72.2 108.2



#32  
1,1,1-Trichloroethane  
Concen: 53.541 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Tgt Ion: 97 Resp: 130610  
Ion Ratio Lower Upper  
97 100  
99 65.2 51.0 76.6  
61 44.3 35.5 53.3

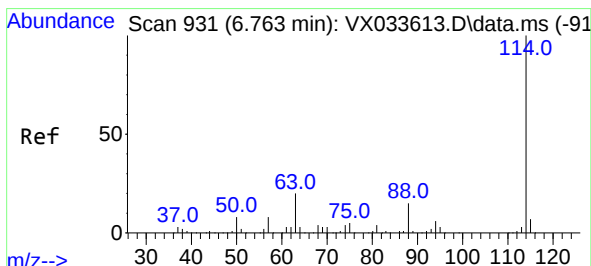
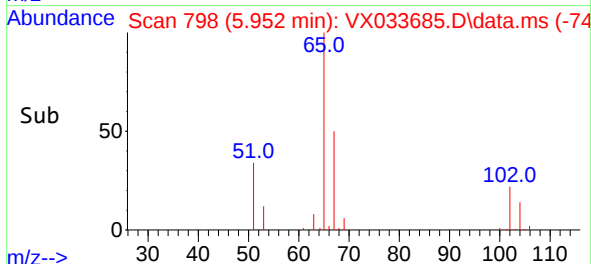
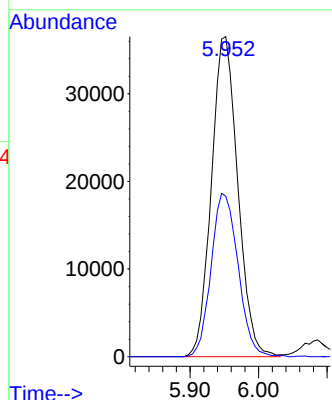
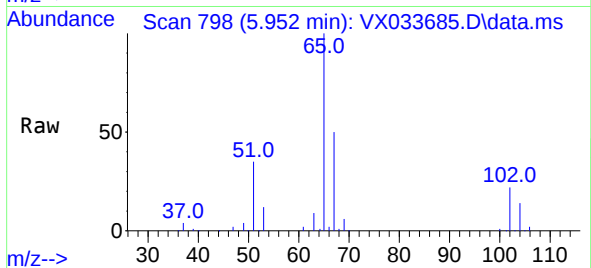




#33  
 1,2-Dichloroethane-d4  
 Concen: 53.268 ug/l  
 RT: 5.952 min Scan# 798  
 Delta R.T. -0.000 min  
 Lab File: VX033685.D  
 Acq: 10 Jan 2023 15:55

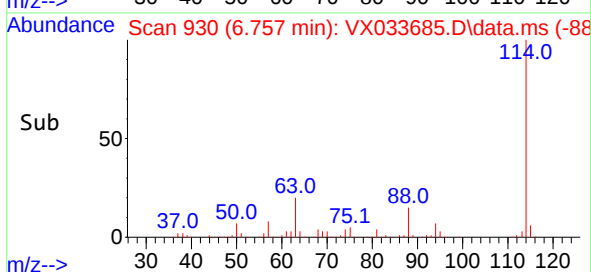
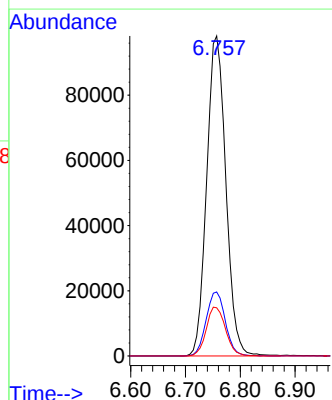
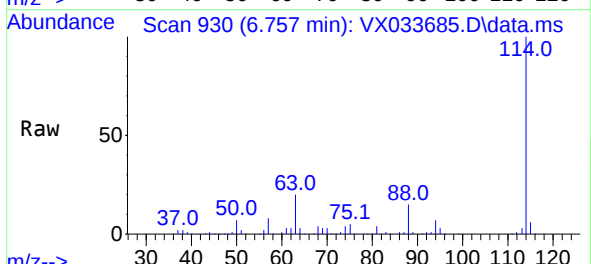
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

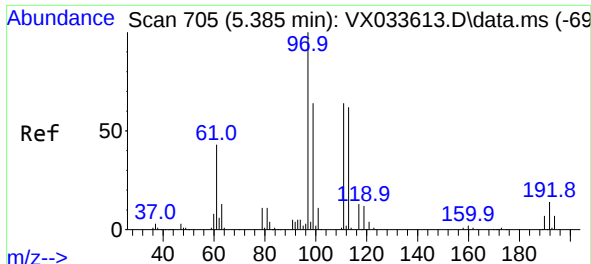
Tgt Ion: 65 Resp: 97641  
 Ion Ratio Lower Upper  
 65 100  
 67 52.1 0.0 104.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.757 min Scan# 930  
 Delta R.T. -0.006 min  
 Lab File: VX033685.D  
 Acq: 10 Jan 2023 15:55

Tgt Ion: 114 Resp: 238140  
 Ion Ratio Lower Upper  
 114 100  
 63 20.0 0.0 40.0  
 88 15.1 0.0 29.6

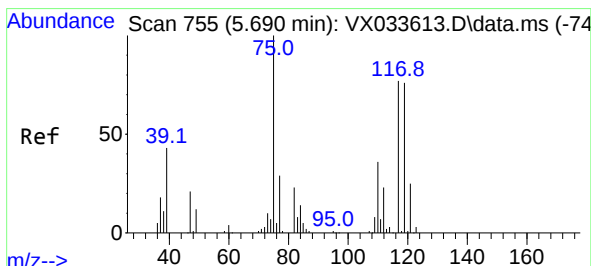
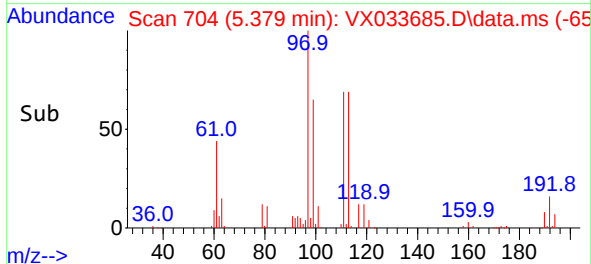
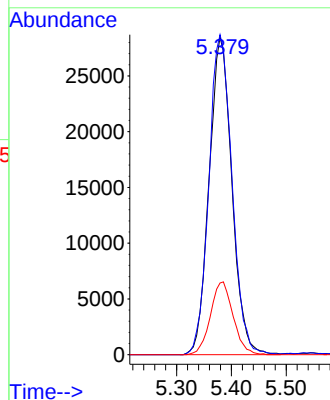
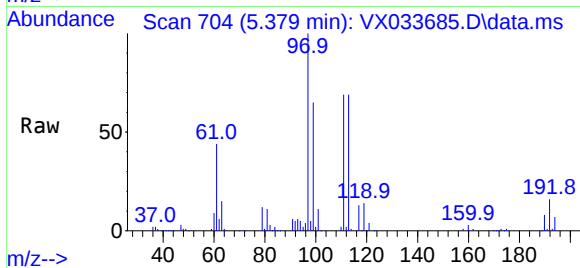




#35  
Dibromofluoromethane  
Concen: 52.405 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

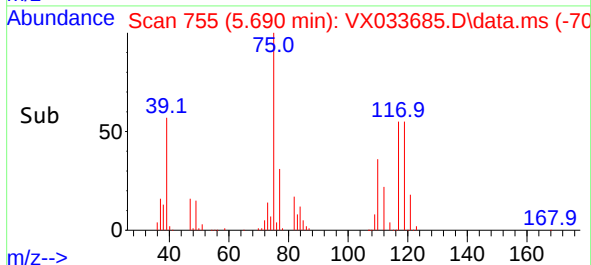
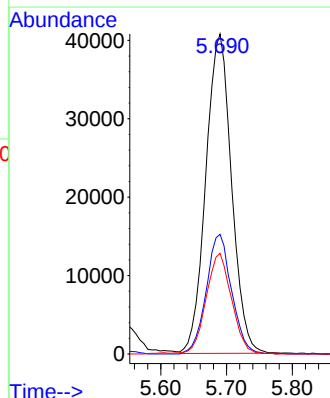
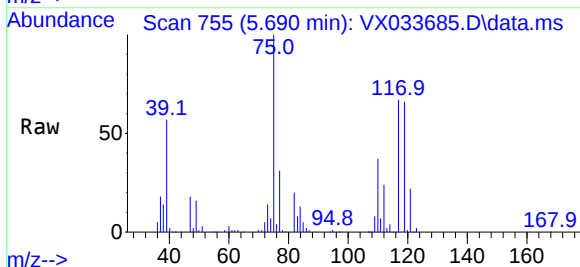
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

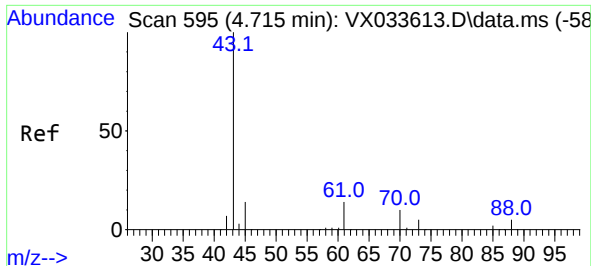
Tgt Ion:113 Resp: 82028  
Ion Ratio Lower Upper  
113 100  
111 102.3 81.2 121.8  
192 22.8 18.2 27.2



#36  
1,1-Dichloropropene  
Concen: 52.260 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Tgt Ion: 75 Resp: 110805  
Ion Ratio Lower Upper  
75 100  
110 36.9 18.0 54.0  
77 31.1 24.5 36.7





#37

Ethyl Acetate

Concen: 49.724 ug/l

RT: 4.708 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX033685.D

Acq: 10 Jan 2023 15:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

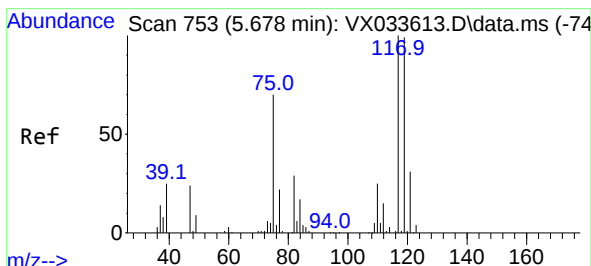
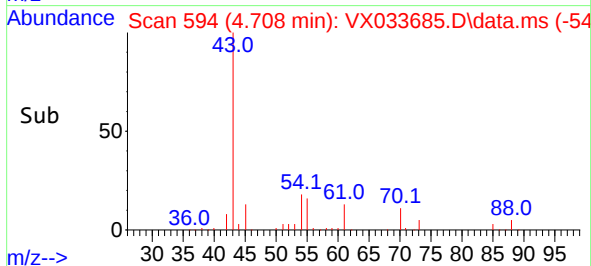
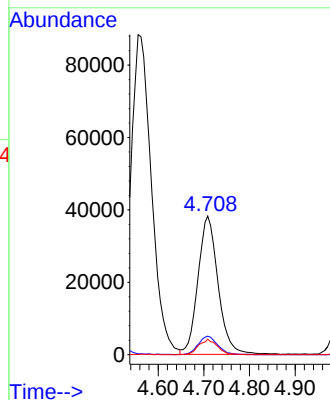
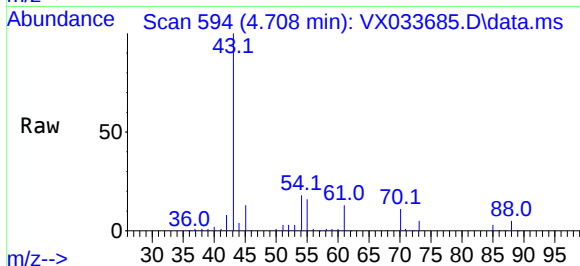
Tgt Ion: 43 Resp: 116813

Ion Ratio Lower Upper

43 100

61 13.0 10.6 16.0

70 10.3 8.1 12.1



#38

Carbon Tetrachloride

Concen: 53.600 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX033685.D

Acq: 10 Jan 2023 15:55

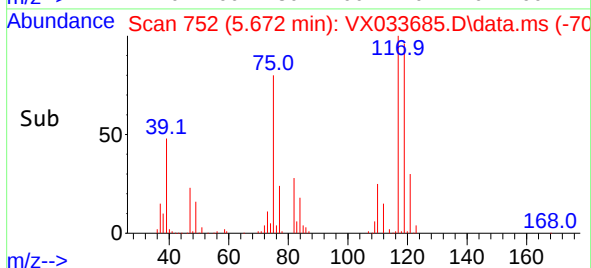
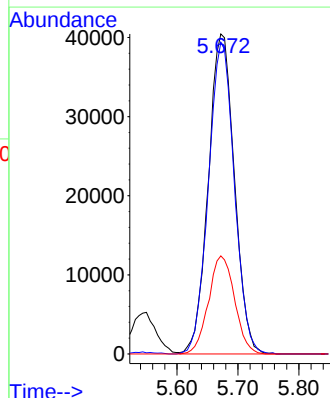
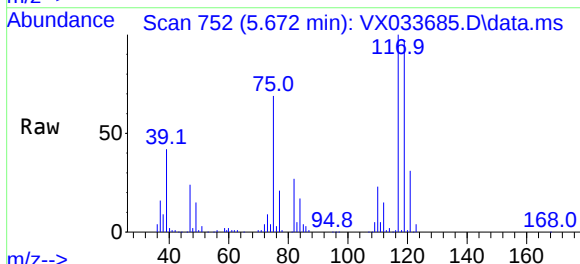
Tgt Ion: 117 Resp: 120268

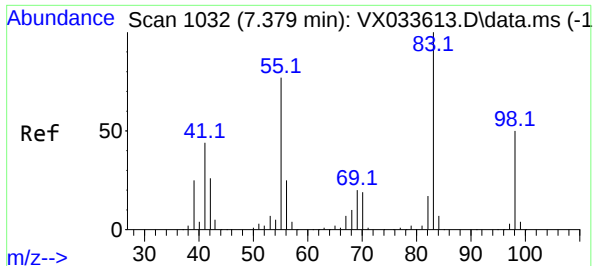
Ion Ratio Lower Upper

117 100

119 97.4 78.8 118.2

121 30.7 24.9 37.3





#39

Methylcyclohexane

Concen: 51.845 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX033685.D

Acq: 10 Jan 2023 15:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

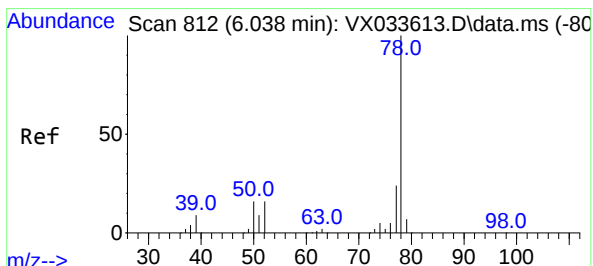
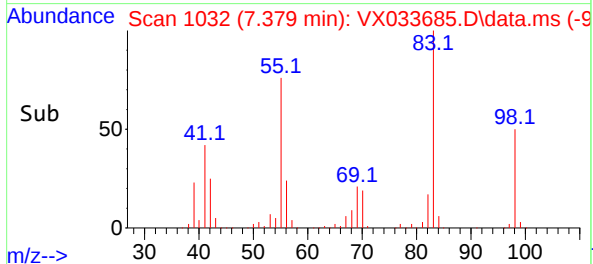
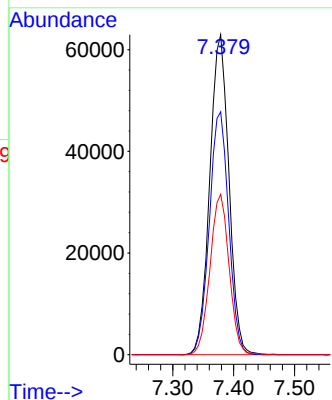
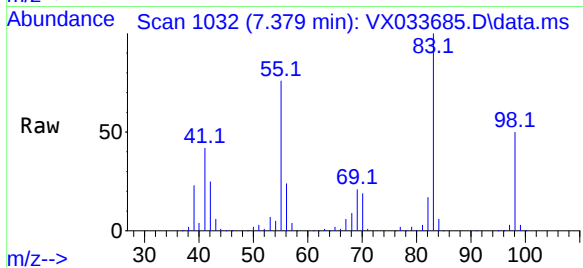
Tgt Ion: 83 Resp: 137250

Ion Ratio Lower Upper

83 100

55 75.9 61.4 92.2

98 50.1 40.2 60.2



#40

Benzene

Concen: 52.182 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX033685.D

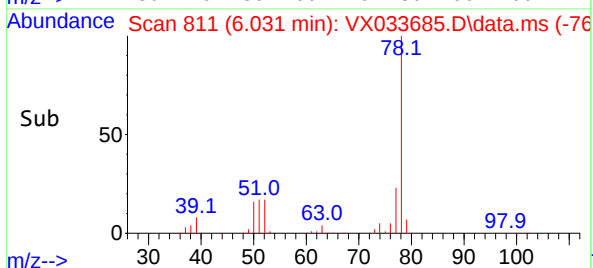
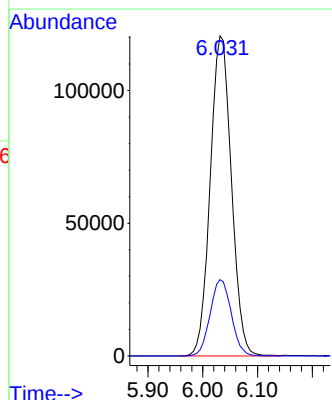
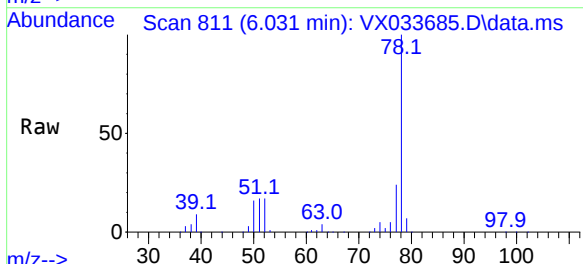
Acq: 10 Jan 2023 15:55

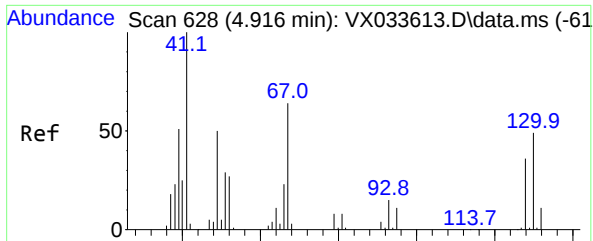
Tgt Ion: 78 Resp: 323375

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6



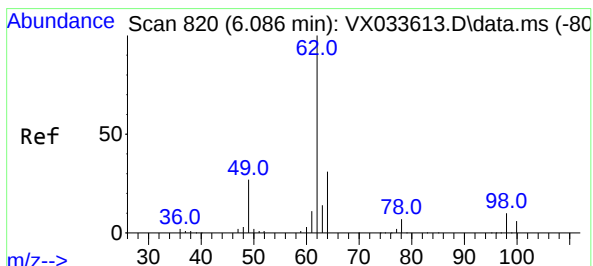
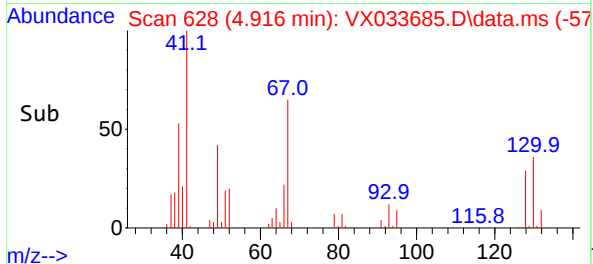
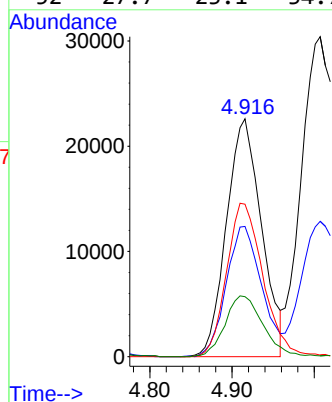
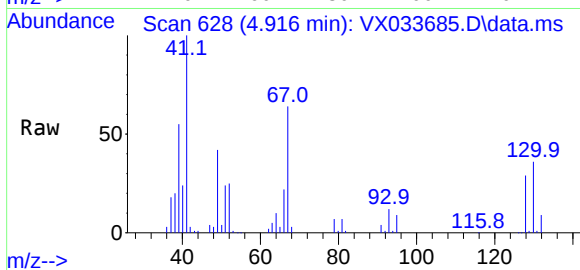


#41  
Methacrylonitrile  
Concen: 52.010 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 41 Resp: 67001

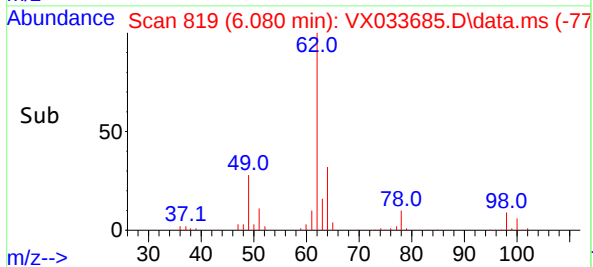
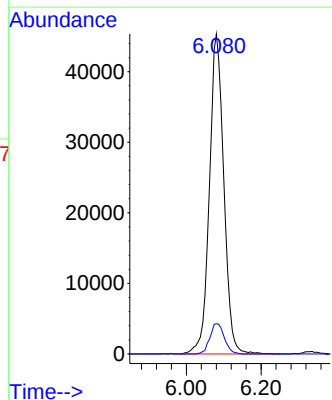
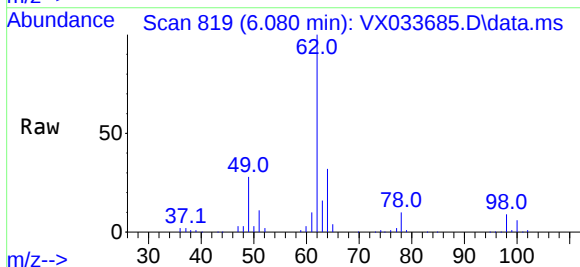
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 55.1  | 44.1  | 66.1  |
| 67  | 67.3  | 53.8  | 80.6  |
| 52  | 27.7  | 23.1  | 34.7  |

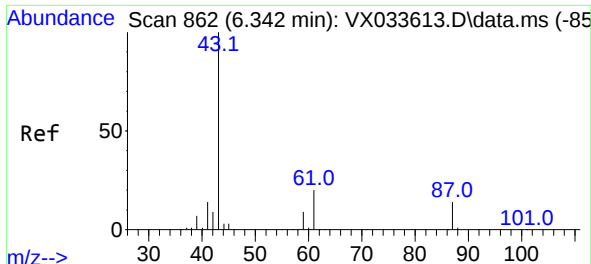


#42  
1,2-Dichloroethane  
Concen: 52.544 ug/l  
RT: 6.080 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Tgt Ion: 62 Resp: 121376

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.5   | 0.0   | 19.0  |

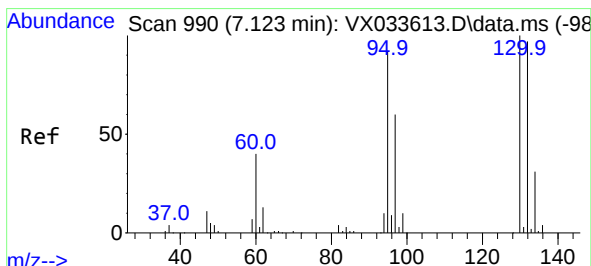
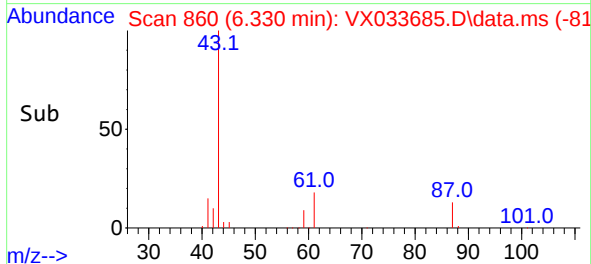
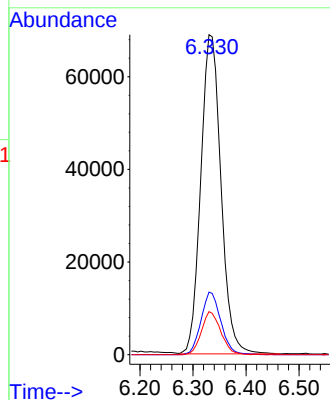
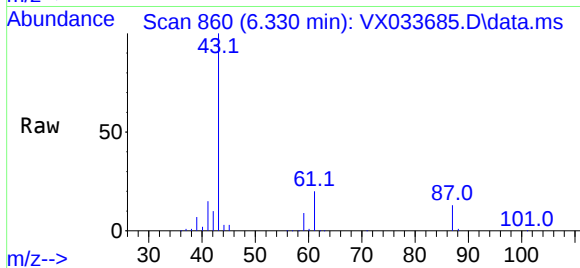




#43  
Isopropyl Acetate  
Concen: 50.238 ug/l  
RT: 6.330 min Scan# 860  
Delta R.T. -0.012 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

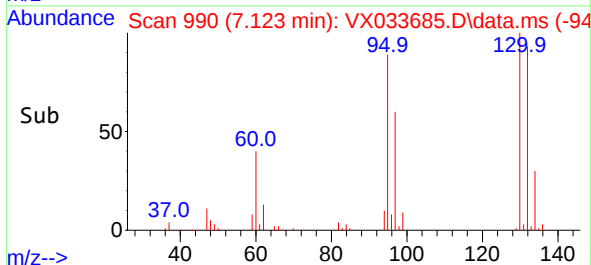
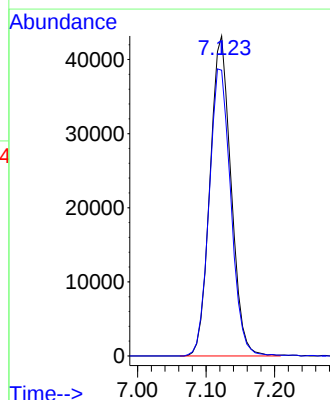
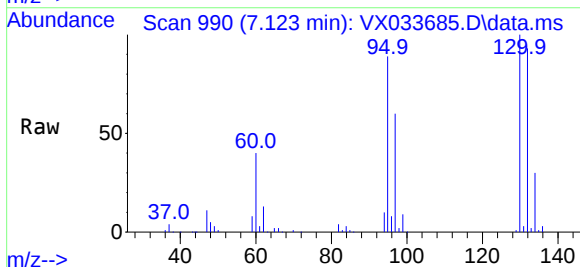
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

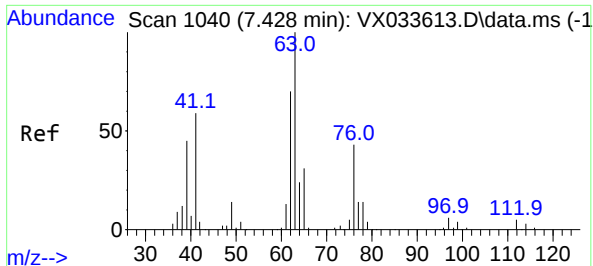
Tgt Ion: 43 Resp: 182116  
Ion Ratio Lower Upper  
43 100  
61 19.2 15.2 22.8  
87 12.9 10.6 16.0



#44  
Trichloroethene  
Concen: 52.022 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Tgt Ion: 130 Resp: 91994  
Ion Ratio Lower Upper  
130 100  
95 89.3 0.0 183.0





#45

1,2-Dichloropropane

Concen: 53.357 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX033685.D

Acq: 10 Jan 2023 15:55

Instrument :

MSVOA\_X

ClientSampleId :

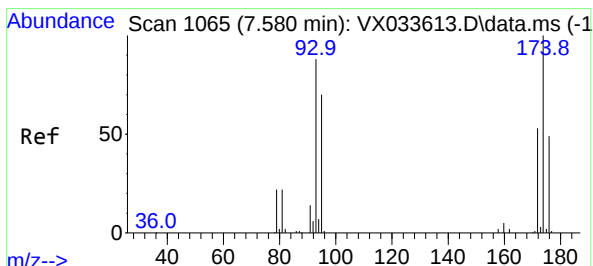
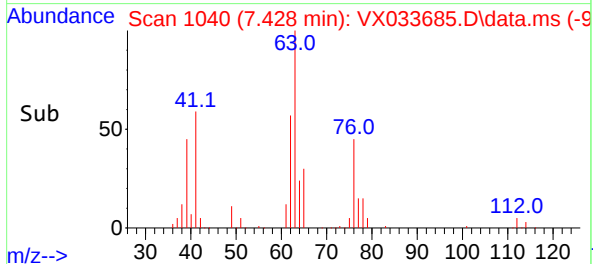
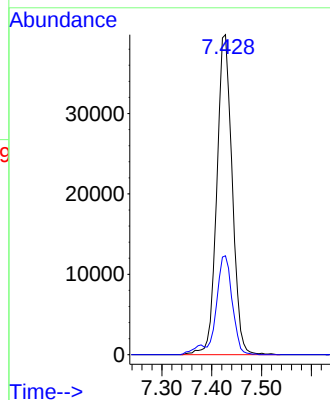
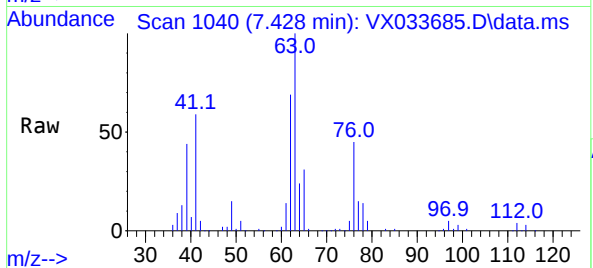
VSTDCCC050EC

Tgt Ion: 63 Resp: 85178

Ion Ratio Lower Upper

63 100

65 30.9 24.5 36.7



#46

Dibromomethane

Concen: 53.512 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX033685.D

Acq: 10 Jan 2023 15:55

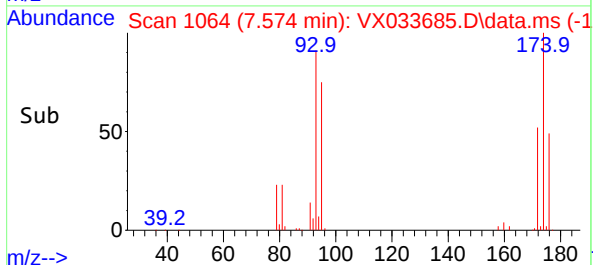
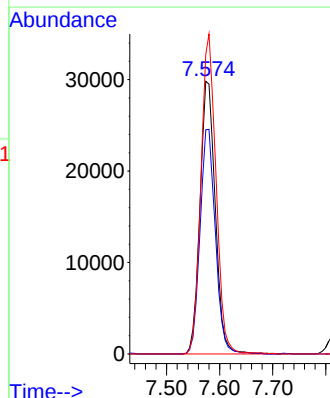
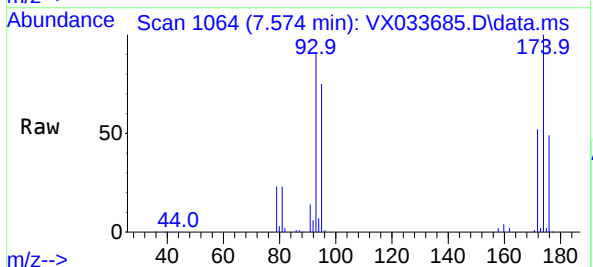
Tgt Ion: 93 Resp: 59806

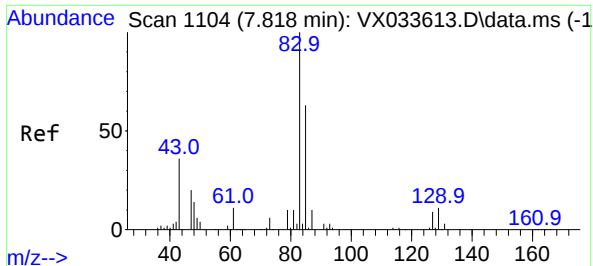
Ion Ratio Lower Upper

93 100

95 82.6 65.7 98.5

174 115.5 92.5 138.7

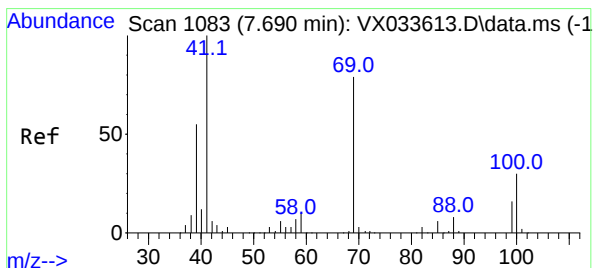
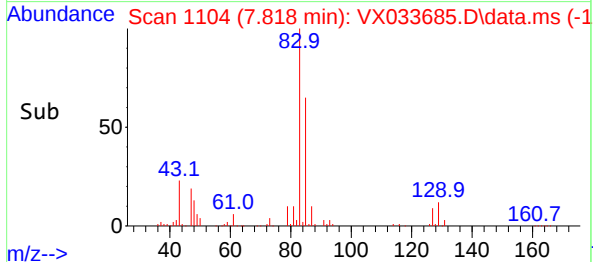
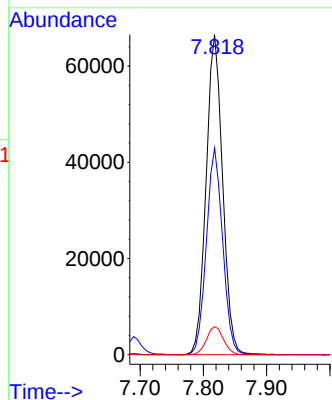
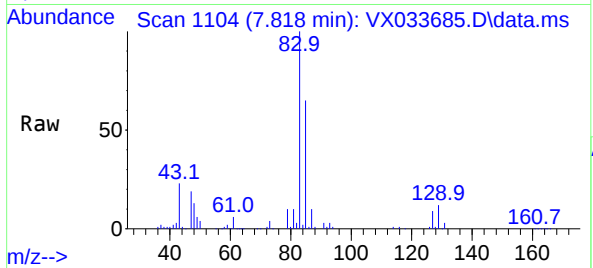




#47  
Bromodichloromethane  
Concen: 55.788 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

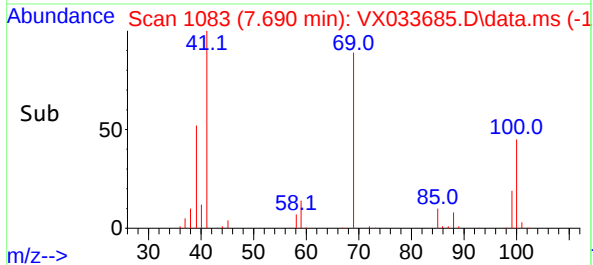
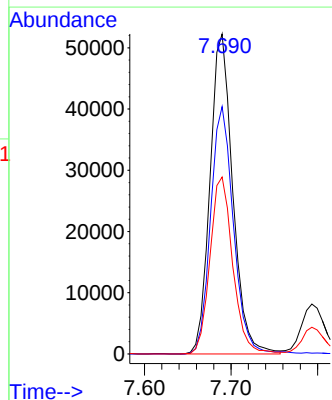
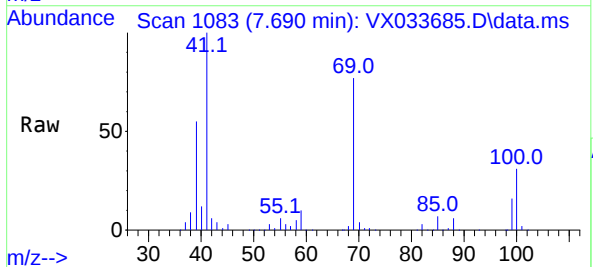
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

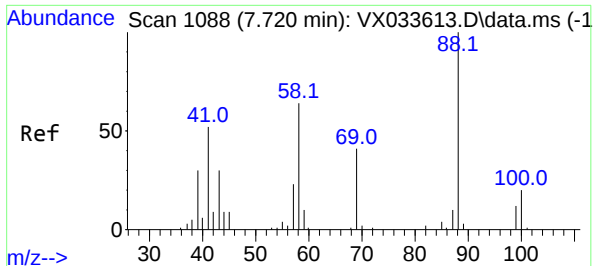
Tgt Ion: 83 Resp: 120793  
Ion Ratio Lower Upper  
83 100  
85 64.5 50.6 76.0  
127 8.8 7.3 10.9



#48  
Methyl methacrylate  
Concen: 51.893 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Tgt Ion: 41 Resp: 95223  
Ion Ratio Lower Upper  
41 100  
69 77.8 63.1 94.7  
39 55.5 44.8 67.2





#49

1,4-Dioxane

Concen: 930.181 ug/l

RT: 7.720 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VX033685.D

Acq: 10 Jan 2023 15:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

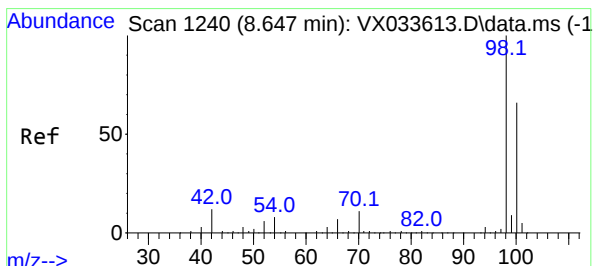
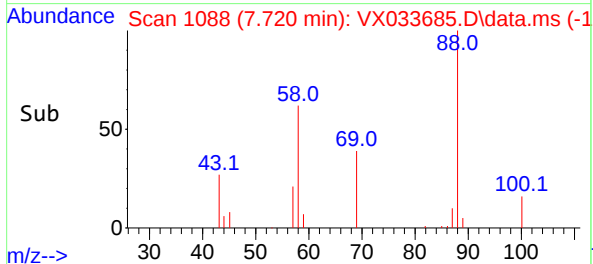
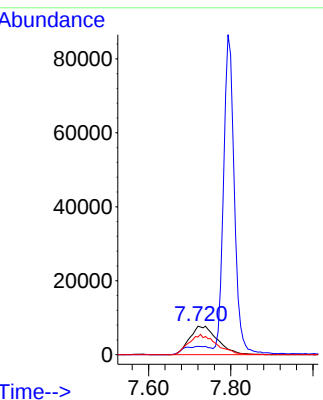
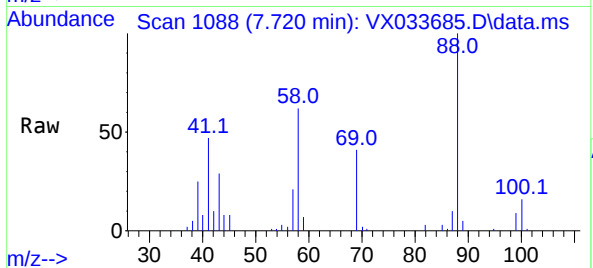
Tgt Ion: 88 Resp: 36305

Ion Ratio Lower Upper

88 100

43 28.3 24.1 36.1

58 70.3 57.1 85.7



#50

Toluene-d8

Concen: 54.443 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX033685.D

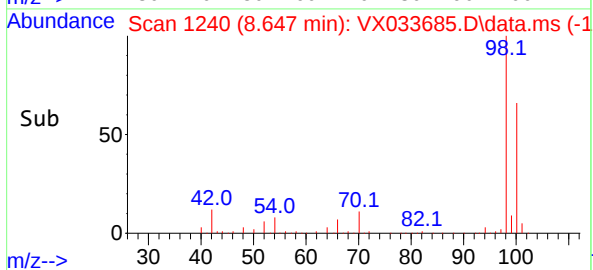
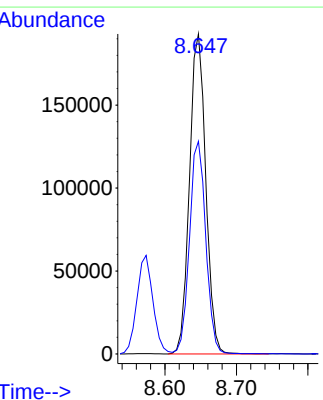
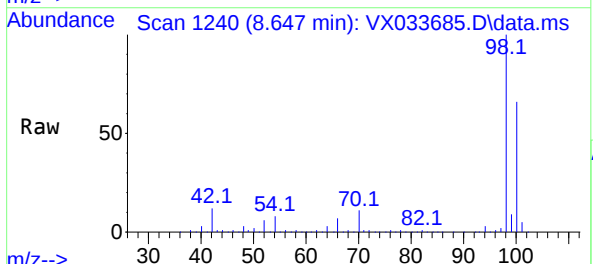
Acq: 10 Jan 2023 15:55

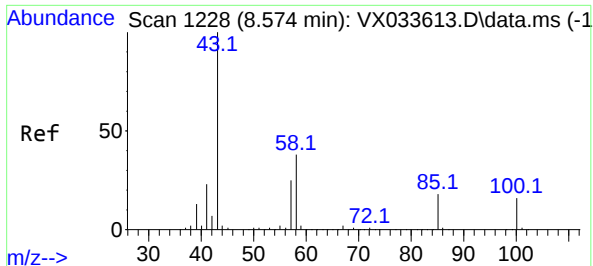
Tgt Ion: 98 Resp: 304592

Ion Ratio Lower Upper

98 100

100 66.5 53.6 80.4





#51

4-Methyl-2-Pentanone

Concen: 252.996 ug/l

RT: 8.568 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033685.D

Acq: 10 Jan 2023 15:55

Instrument :

MSVOA\_X

ClientSampleId :

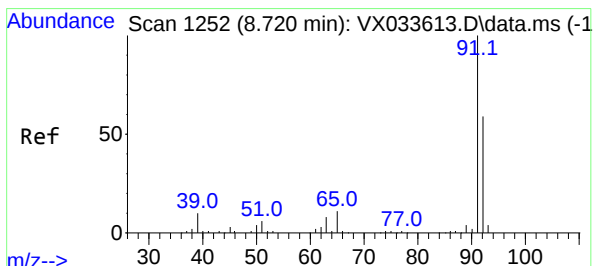
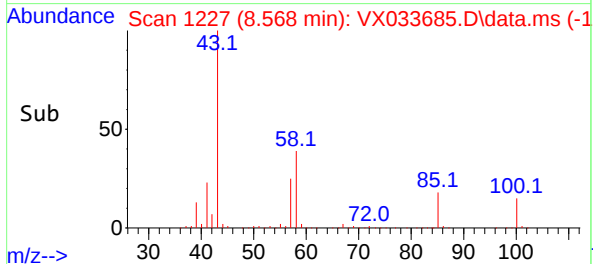
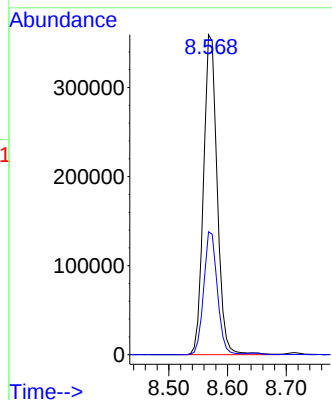
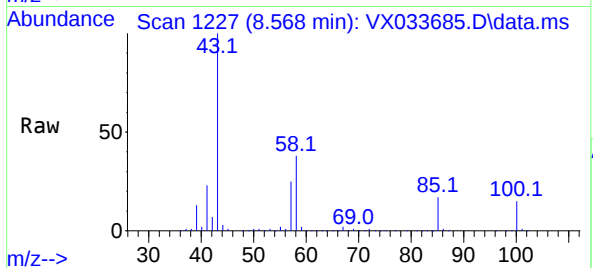
VSTDCCC050EC

Tgt Ion: 43 Resp: 580477

Ion Ratio Lower Upper

43 100

58 38.2 30.5 45.7



#52

Toluene

Concen: 52.285 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX033685.D

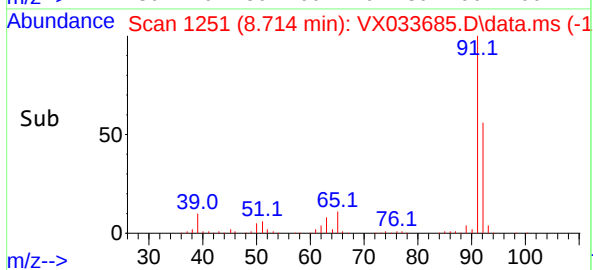
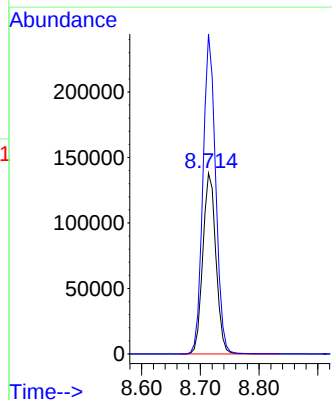
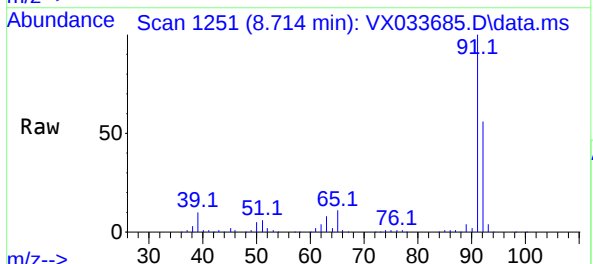
Acq: 10 Jan 2023 15:55

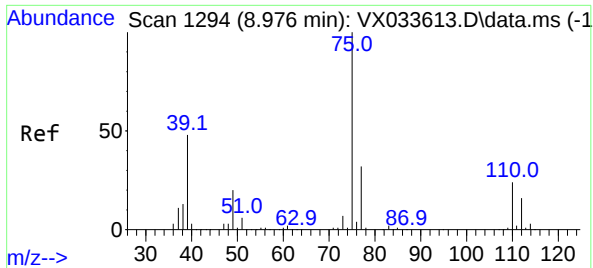
Tgt Ion: 92 Resp: 213021

Ion Ratio Lower Upper

92 100

91 171.6 135.4 203.2

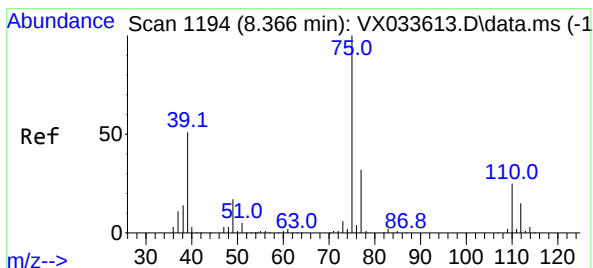
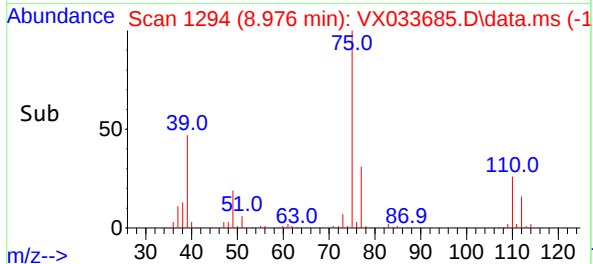
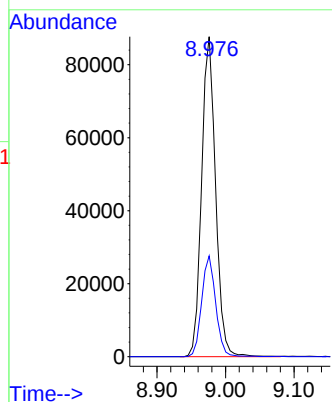
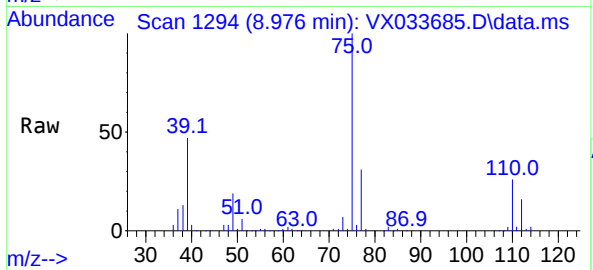




#53  
t-1,3-Dichloropropene  
Concen: 52.069 ug/l  
RT: 8.976 min Scan# 1193  
Delta R.T. 0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

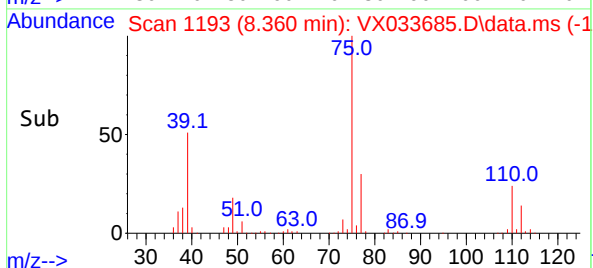
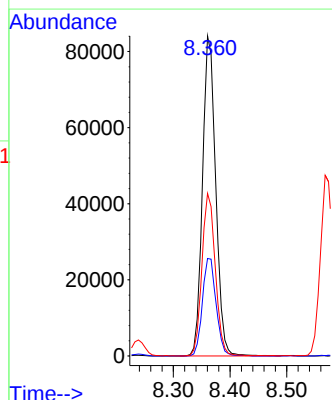
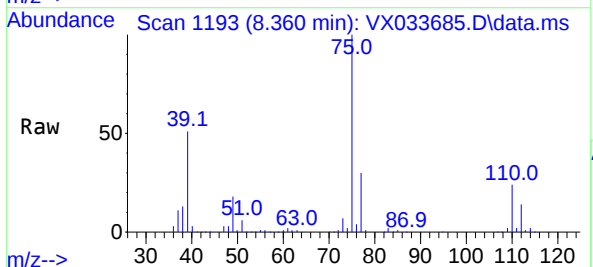
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

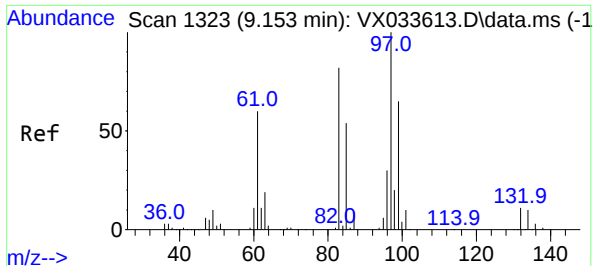
Tgt Ion: 75 Resp: 124713  
Ion Ratio Lower Upper  
75 100  
77 31.5 25.3 37.9



#54  
cis-1,3-Dichloropropene  
Concen: 56.743 ug/l  
RT: 8.360 min Scan# 1193  
Delta R.T. -0.006 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Tgt Ion: 75 Resp: 135995  
Ion Ratio Lower Upper  
75 100  
77 30.5 25.5 38.3  
39 50.8 40.6 61.0



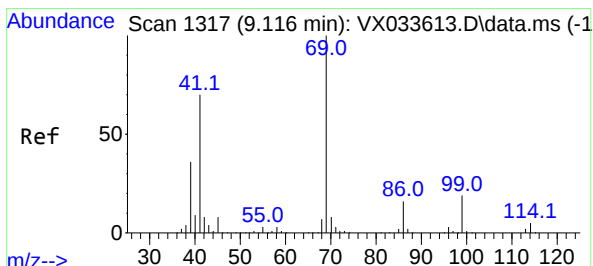
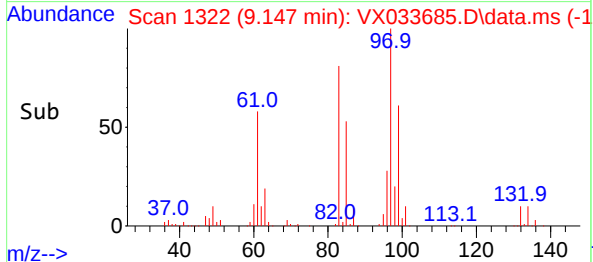
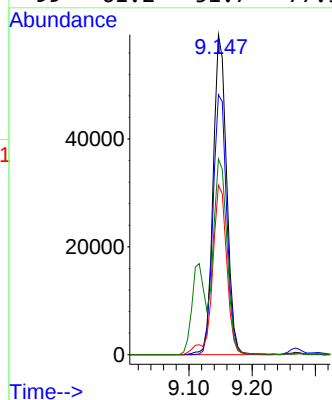
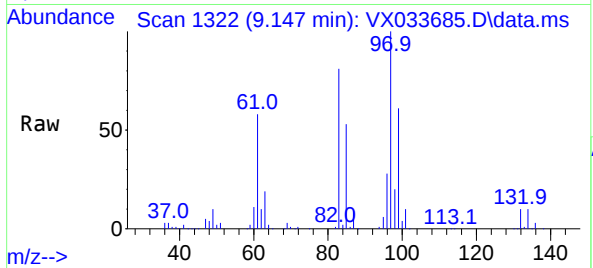


#55  
1,1,2-Trichloroethane  
Concen: 55.067 ug/l  
RT: 9.147 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 97 Resp: 87878

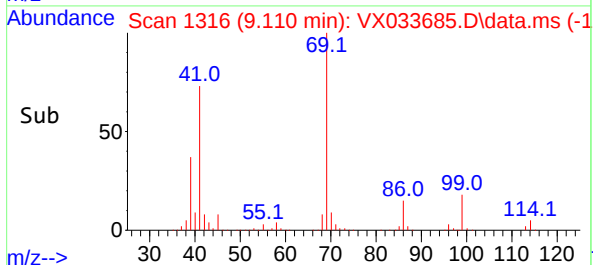
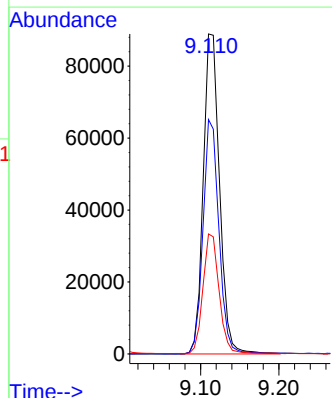
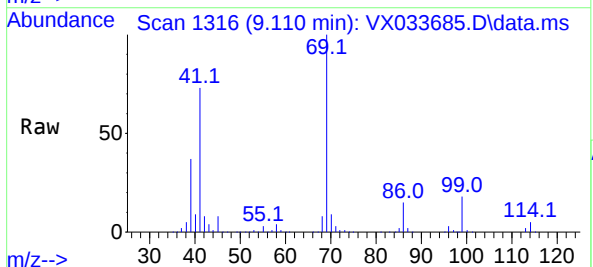
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 81.2  | 65.7  | 98.5  |
| 85  | 53.0  | 43.4  | 65.0  |
| 99  | 61.2  | 51.7  | 77.5  |

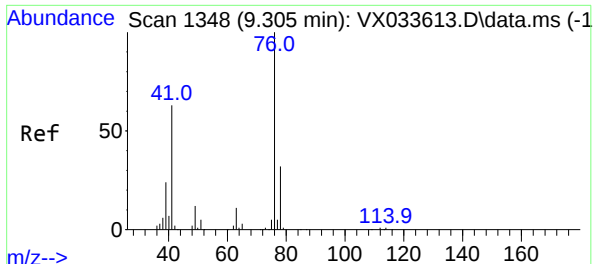


#56  
Ethyl methacrylate  
Concen: 53.984 ug/l  
RT: 9.110 min Scan# 1316  
Delta R.T. -0.006 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Tgt Ion: 69 Resp: 128614

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 71.7  | 56.6  | 84.8  |
| 39  | 37.1  | 29.4  | 44.0  |

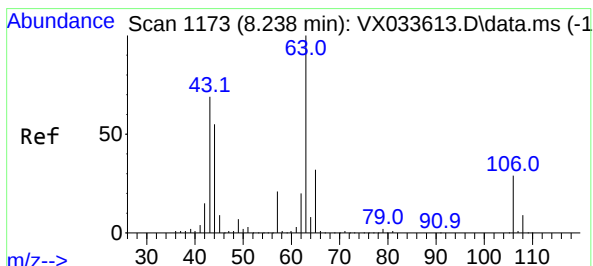
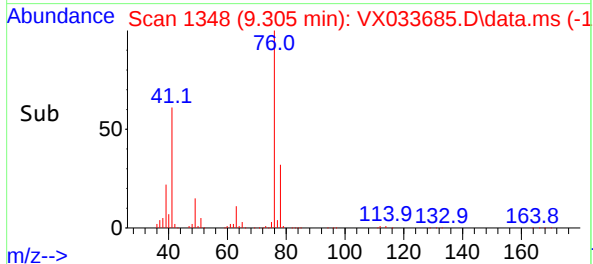
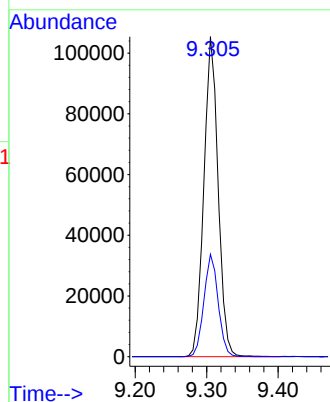
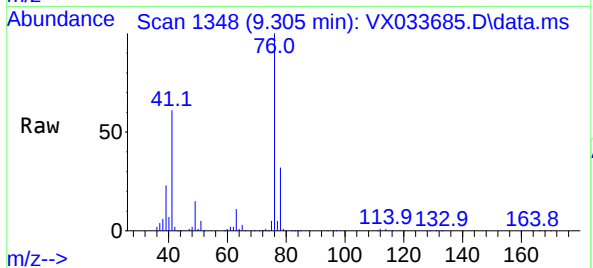




#57  
1,3-Dichloropropane  
Concen: 53.412 ug/l  
RT: 9.305 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

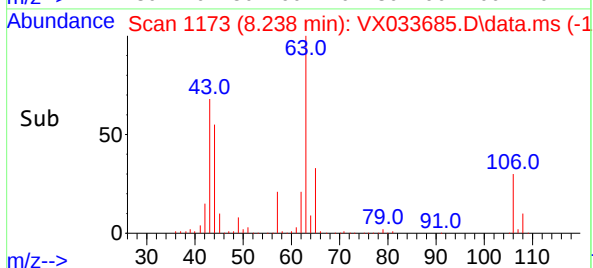
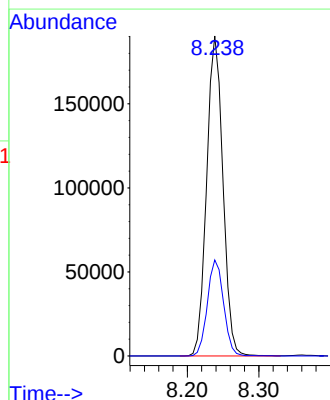
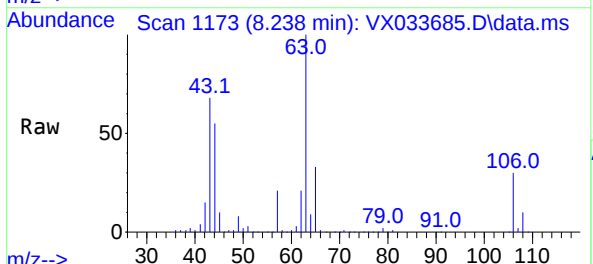
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

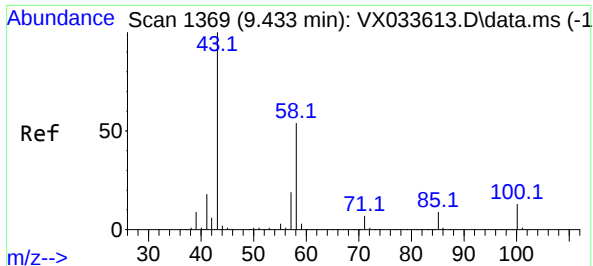
Tgt Ion: 76 Resp: 145836  
Ion Ratio Lower Upper  
76 100  
78 32.0 25.9 38.9



#58  
2-Chloroethyl Vinyl ether  
Concen: 248.043 ug/l  
RT: 8.238 min Scan# 1173  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Tgt Ion: 63 Resp: 300599  
Ion Ratio Lower Upper  
63 100  
106 29.9 23.8 35.8





#59

2-Hexanone

Concen: 245.506 ug/l

RT: 9.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX033685.D

Acq: 10 Jan 2023 15:55

Instrument :

MSVOA\_X

ClientSampleId :

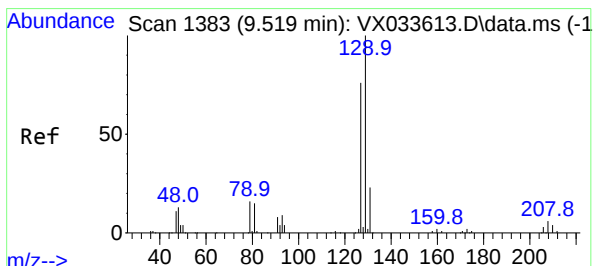
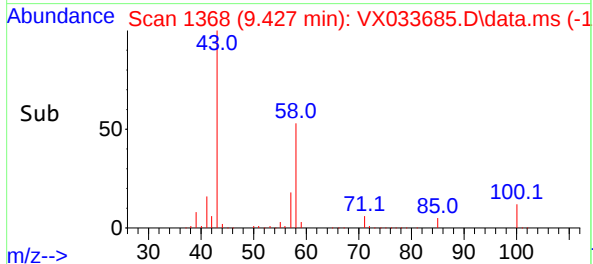
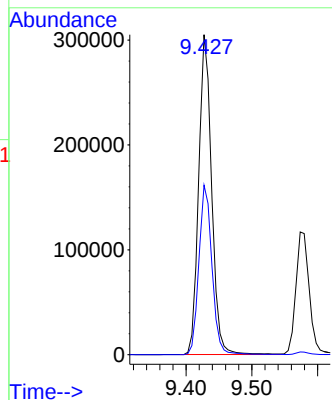
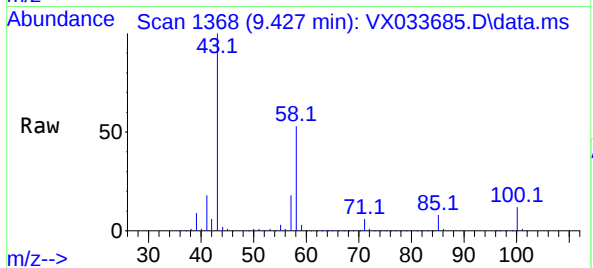
VSTDCCC050EC

Tgt Ion: 43 Resp: 416114

Ion Ratio Lower Upper

43 100

58 53.6 26.6 79.8



#60

Dibromochloromethane

Concen: 57.521 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX033685.D

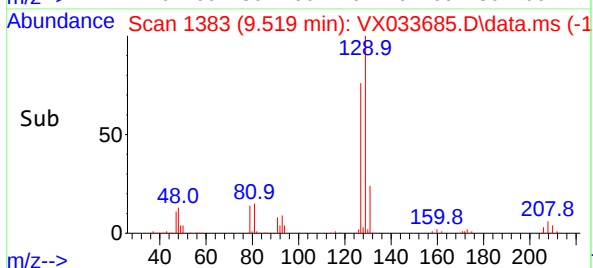
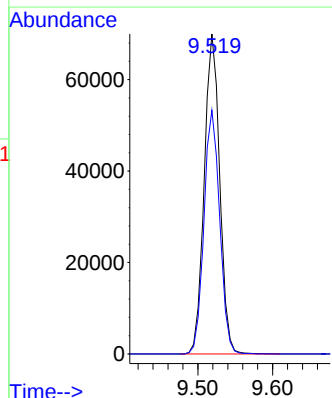
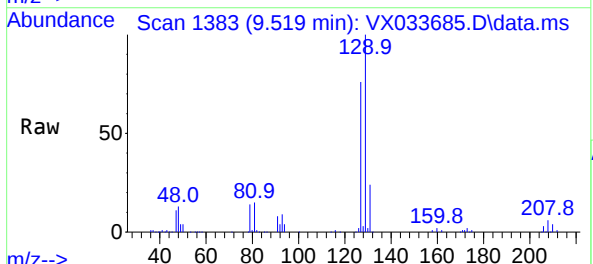
Acq: 10 Jan 2023 15:55

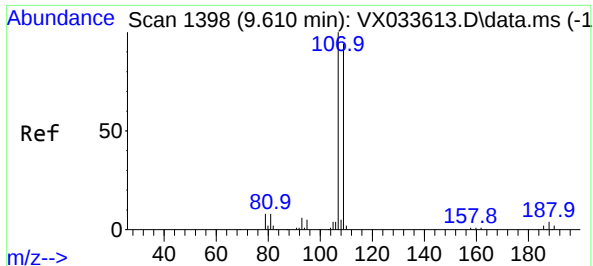
Tgt Ion: 129 Resp: 100406

Ion Ratio Lower Upper

129 100

127 77.5 38.8 116.3





#61

1,2-Dibromoethane

Concen: 54.387 ug/l

RT: 9.610 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033685.D

Acq: 10 Jan 2023 15:55

Instrument :

MSVOA\_X

ClientSampleId :

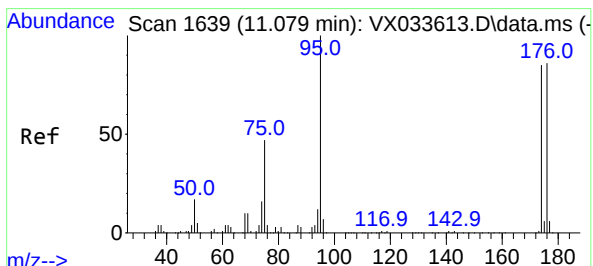
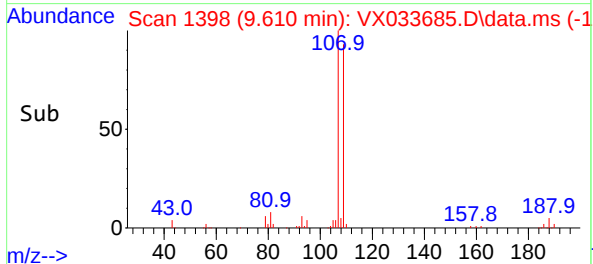
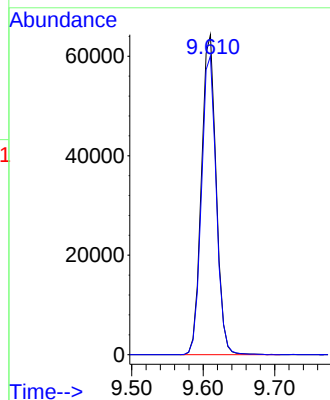
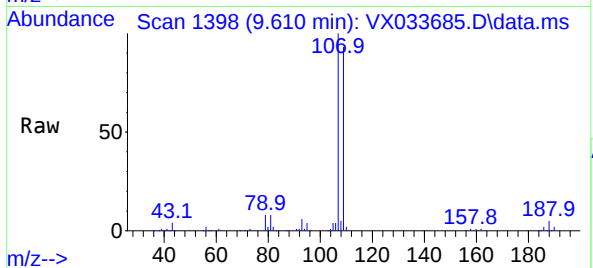
VSTDCCC050EC

Tgt Ion:107 Resp: 91802

Ion Ratio Lower Upper

107 100

109 94.0 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 57.974 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033685.D

Acq: 10 Jan 2023 15:55

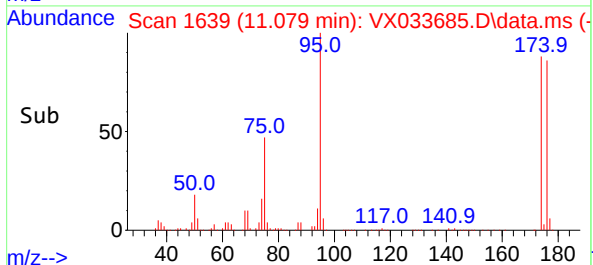
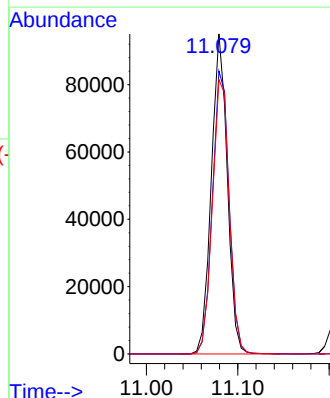
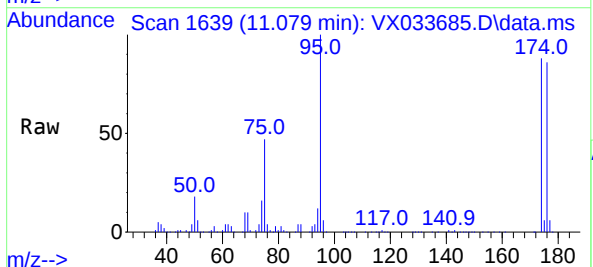
Tgt Ion: 95 Resp: 114966

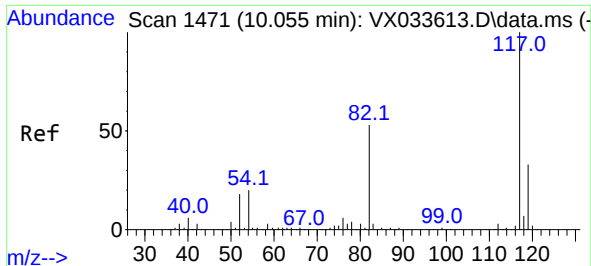
Ion Ratio Lower Upper

95 100

174 92.7 0.0 180.4

176 90.8 0.0 176.2

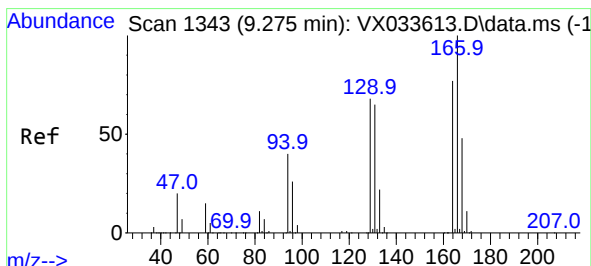
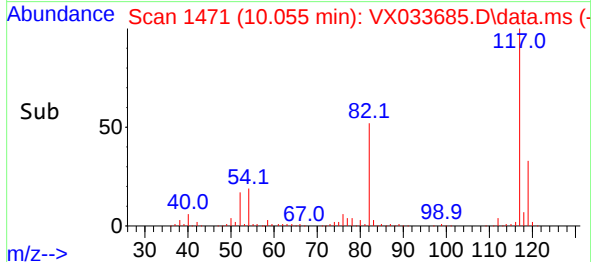
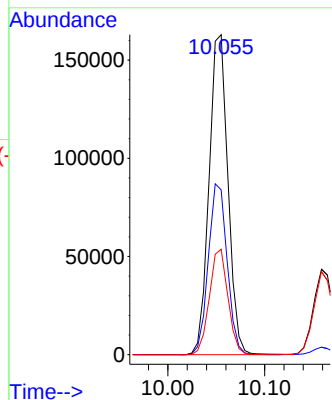
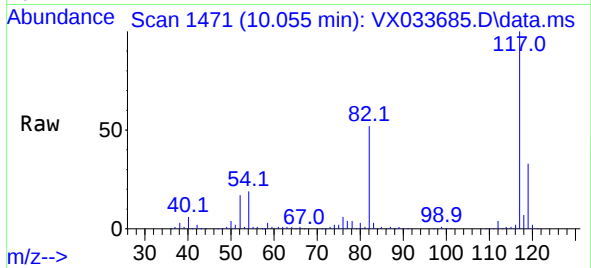




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

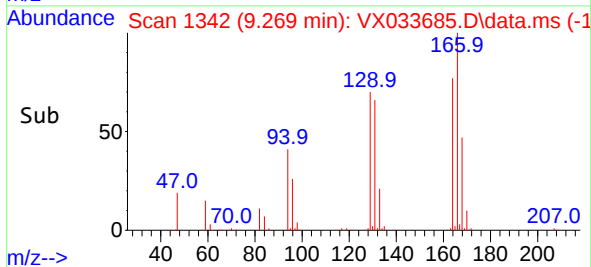
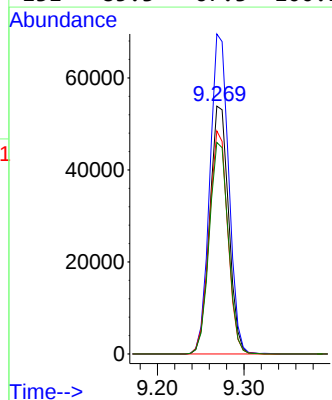
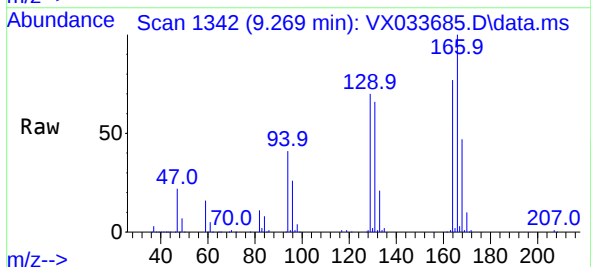
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

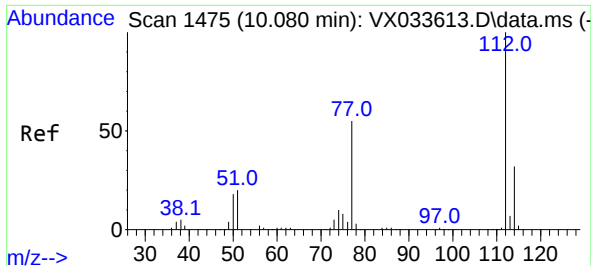
Tgt Ion:117 Resp: 221223  
Ion Ratio Lower Upper  
117 100  
82 51.5 42.2 63.2  
119 32.9 26.2 39.4



#64  
Tetrachloroethene  
Concen: 50.243 ug/l  
RT: 9.269 min Scan# 1342  
Delta R.T. -0.006 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Tgt Ion:164 Resp: 81798  
Ion Ratio Lower Upper  
164 100  
166 129.1 103.4 155.0  
129 89.9 70.0 105.0  
131 85.3 67.3 100.9

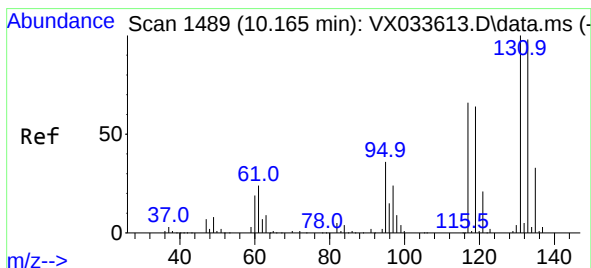
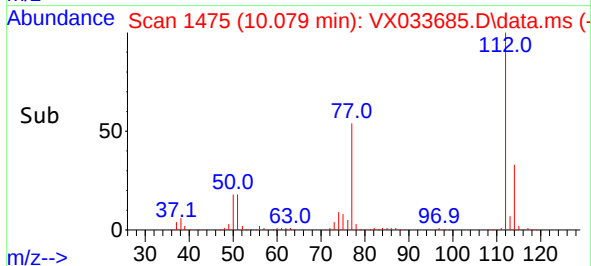
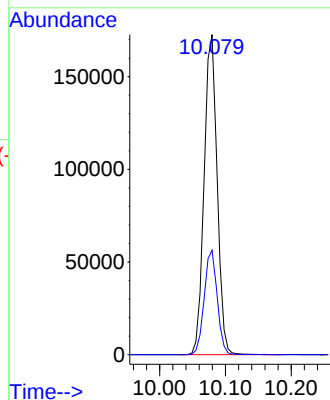
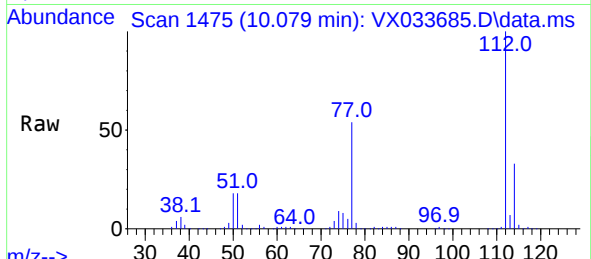




#65  
Chlorobenzene  
Concen: 52.597 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

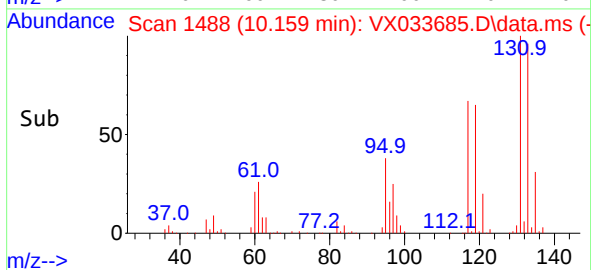
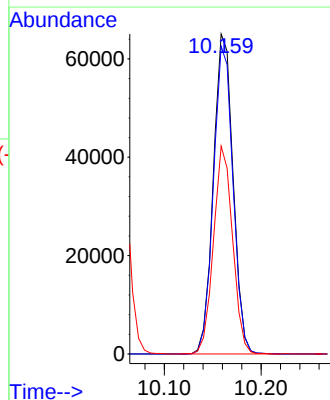
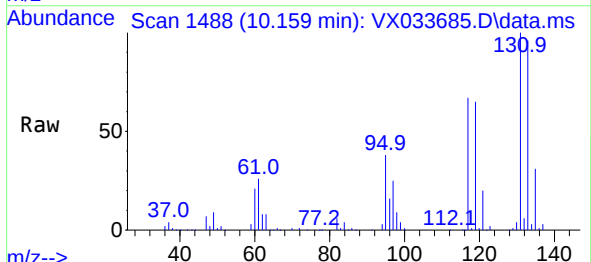
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

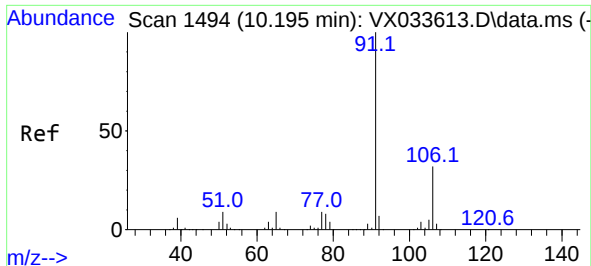
Tgt Ion:112 Resp: 238114  
Ion Ratio Lower Upper  
112 100  
114 32.6 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.289 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. -0.006 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Tgt Ion:131 Resp: 91871  
Ion Ratio Lower Upper  
131 100  
133 95.7 48.0 144.2  
119 63.0 31.4 94.3





#67

Ethyl Benzene

Concen: 53.025 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX033685.D

Acq: 10 Jan 2023 15:55

Instrument :

MSVOA\_X

ClientSampleId :

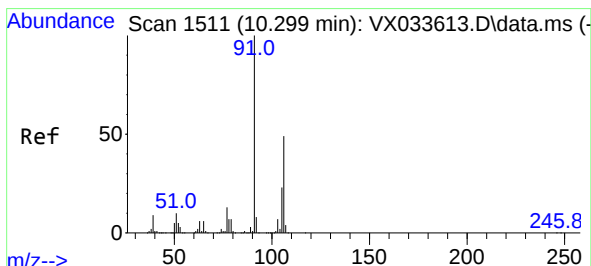
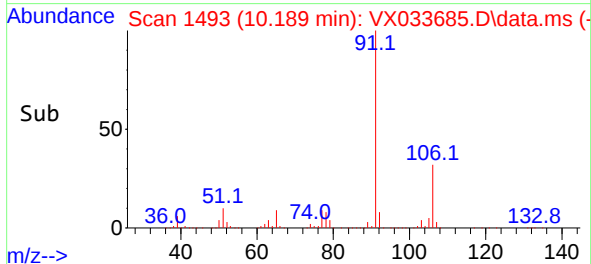
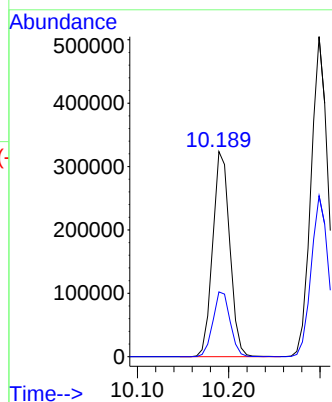
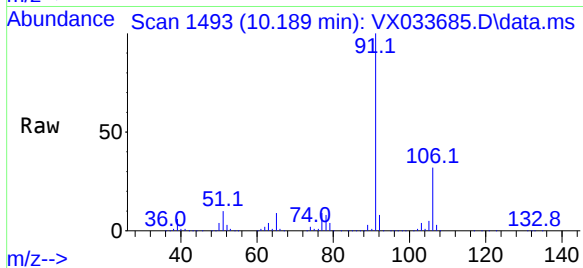
VSTDCCC050EC

Tgt Ion: 91 Resp: 419015

Ion Ratio Lower Upper

91 100

106 31.6 25.9 38.9



#68

m/p-Xylenes

Concen: 107.663 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX033685.D

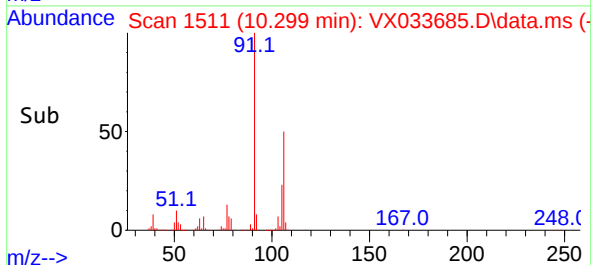
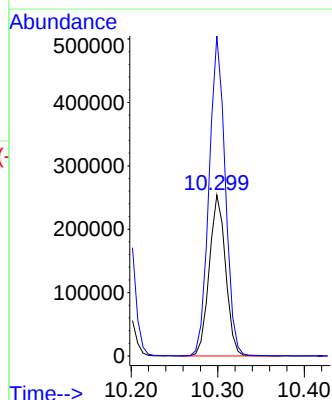
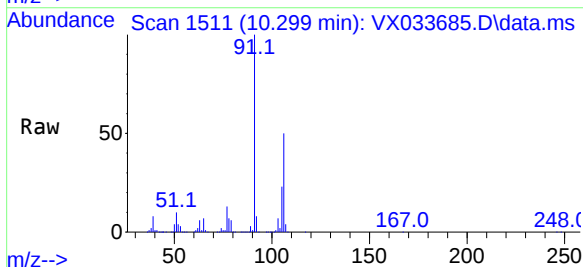
Acq: 10 Jan 2023 15:55

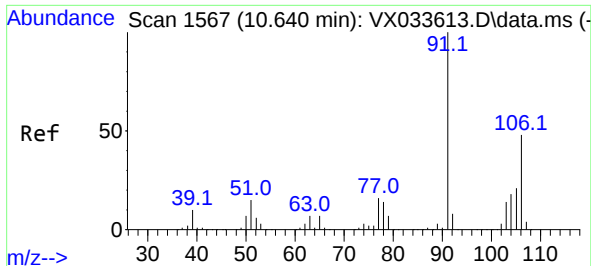
Tgt Ion:106 Resp: 332023

Ion Ratio Lower Upper

106 100

91 196.9 159.6 239.4

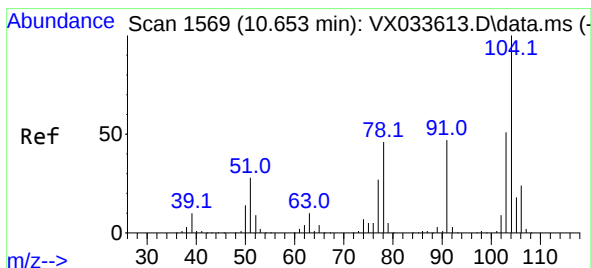
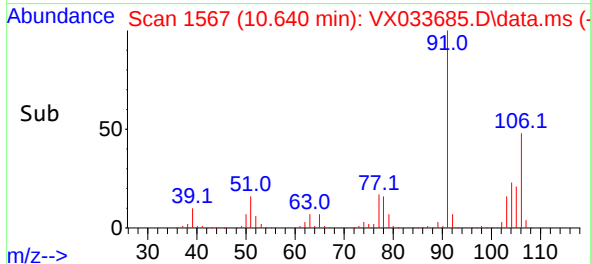
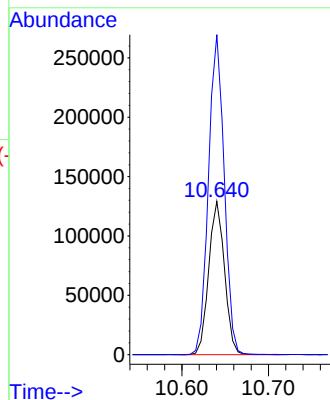
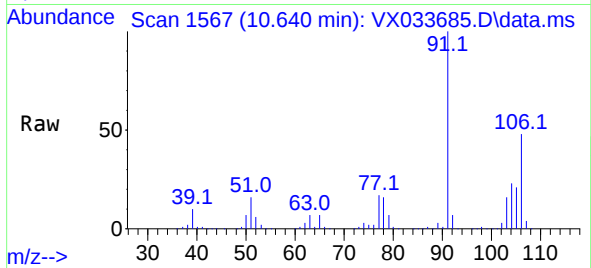




#69  
o-Xylene  
Concen: 53.413 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

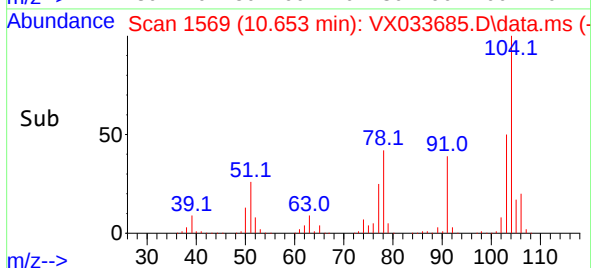
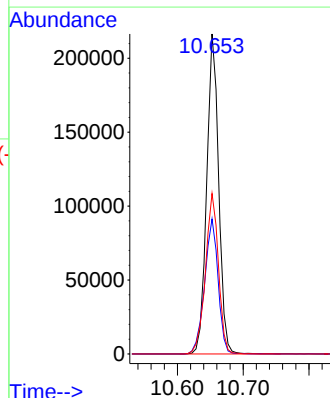
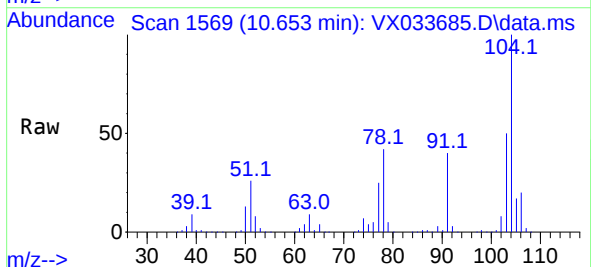
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

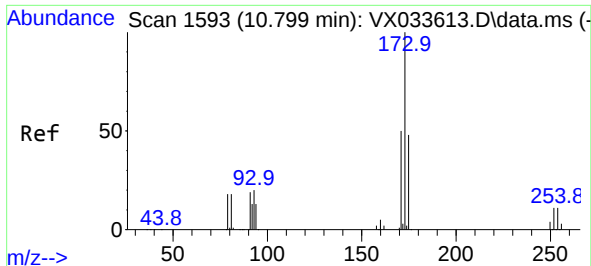
Tgt Ion:106 Resp: 163316  
Ion Ratio Lower Upper  
106 100  
91 208.4 104.1 312.3



#70  
Styrene  
Concen: 54.511 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Tgt Ion:104 Resp: 273811  
Ion Ratio Lower Upper  
104 100  
78 47.6 39.3 58.9  
103 54.6 43.3 64.9

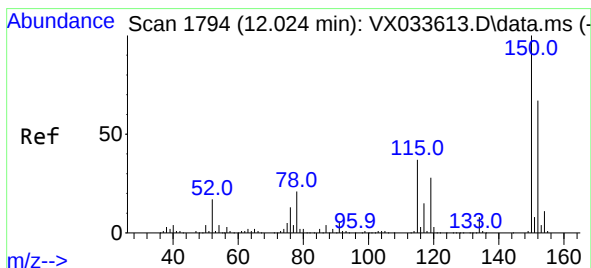
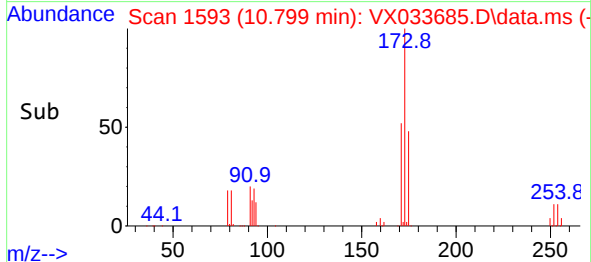
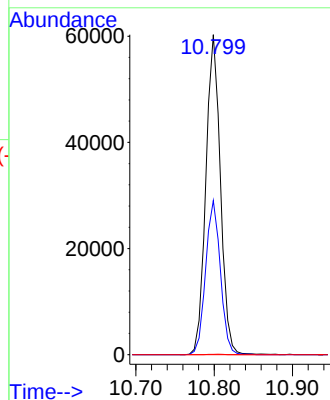
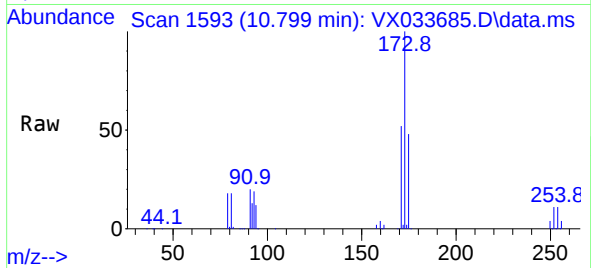




#71  
Bromoform  
Concen: 57.269 ug/l  
RT: 10.799 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

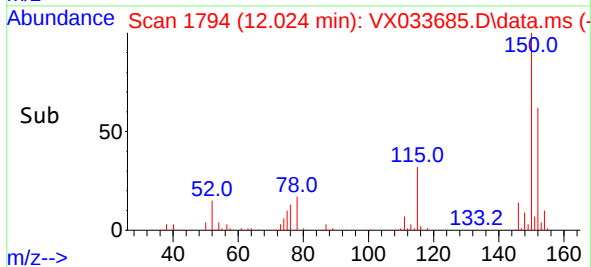
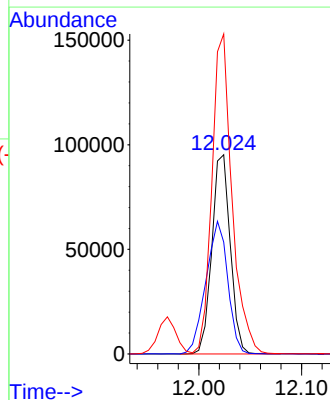
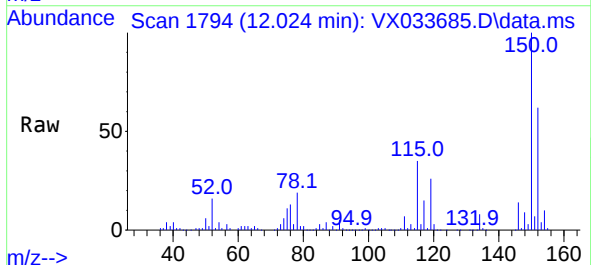
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

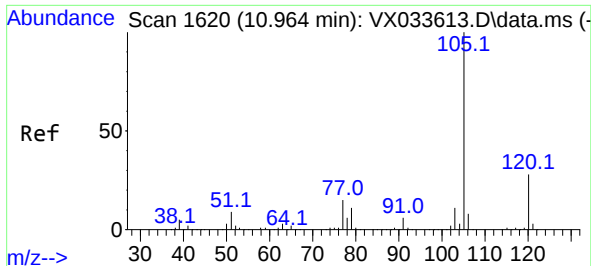
Tgt Ion:173 Resp: 77591  
Ion Ratio Lower Upper  
173 100  
175 48.8 23.8 71.5  
254 0.1 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Tgt Ion:152 Resp: 118710  
Ion Ratio Lower Upper  
152 100  
115 79.2 38.5 115.5  
150 175.2 0.0 340.4

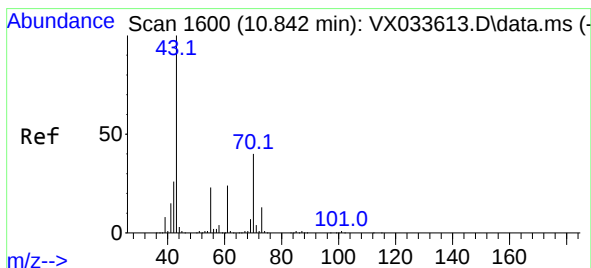
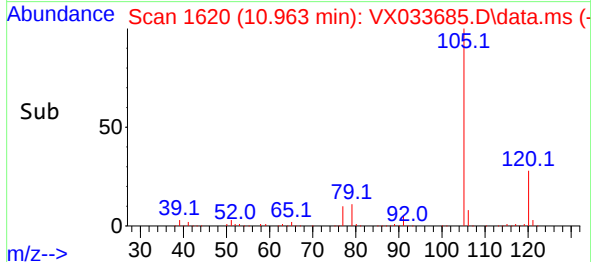
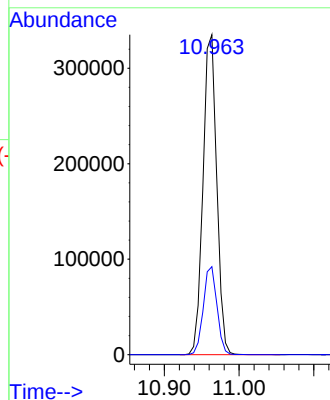
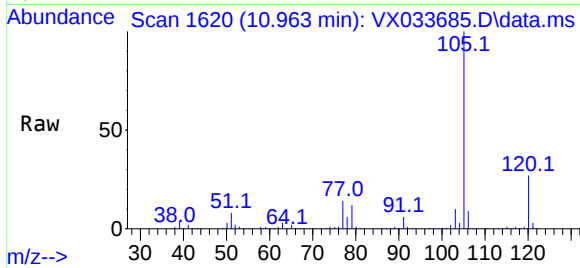




#73  
Isopropylbenzene  
Concen: 50.911 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

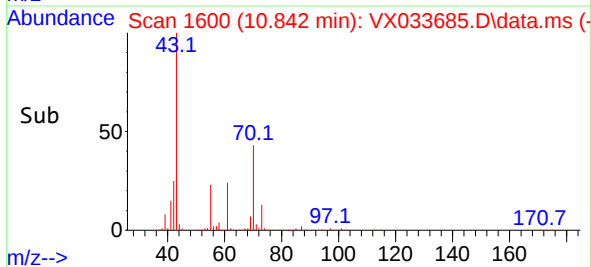
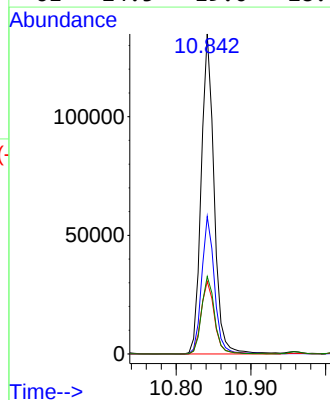
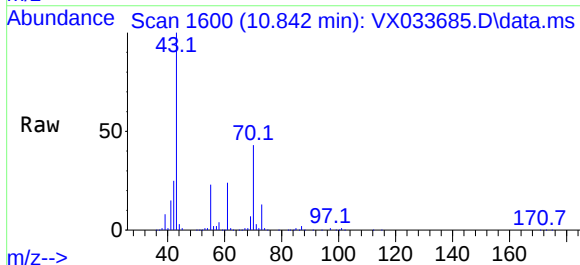
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

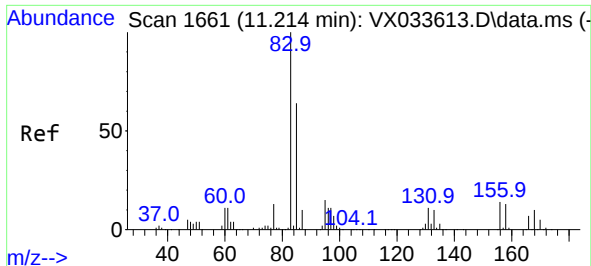
Tgt Ion:105 Resp: 426814  
Ion Ratio Lower Upper  
105 100  
120 27.4 13.7 41.0



#74  
N-ethyl acetate  
Concen: 47.516 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Tgt Ion: 43 Resp: 161411  
Ion Ratio Lower Upper  
43 100  
70 42.9 33.4 50.0  
55 23.7 18.6 27.8  
61 24.5 19.0 28.6

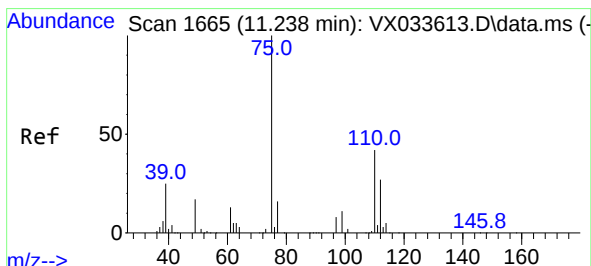
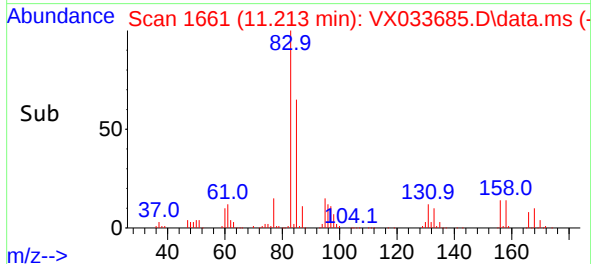
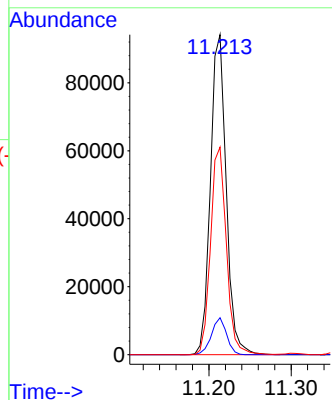
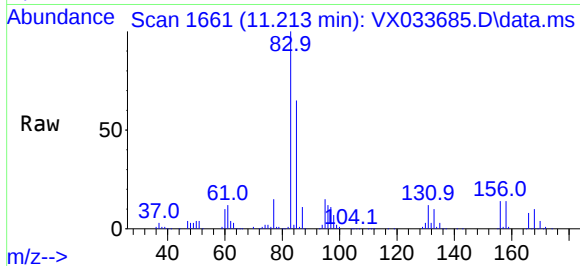




#75  
1,1,2,2-Tetrachloroethane  
Concen: 47.948 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

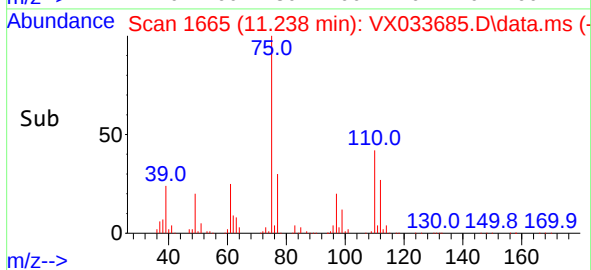
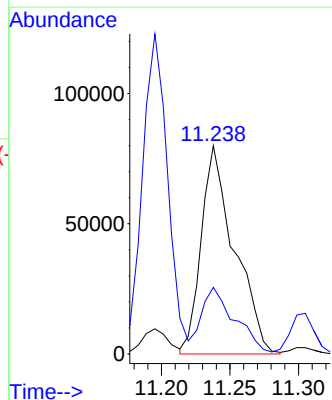
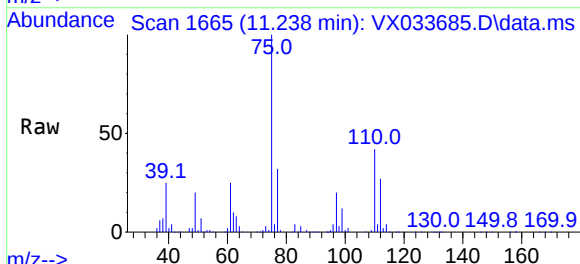
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

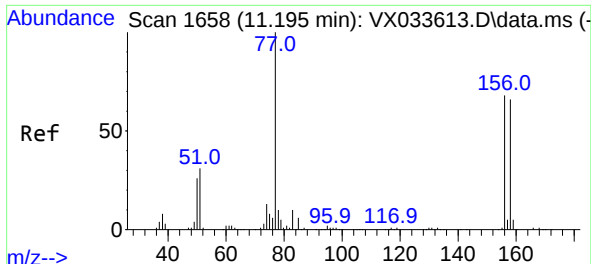
Tgt Ion: 83 Resp: 125287  
Ion Ratio Lower Upper  
83 100  
131 11.1 5.5 16.5  
85 65.1 32.1 96.5



#76  
1,2,3-Trichloropropane  
Concen: 62.067 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Tgt Ion: 75 Resp: 134984  
Ion Ratio Lower Upper  
75 100  
77 32.3 21.3 63.9

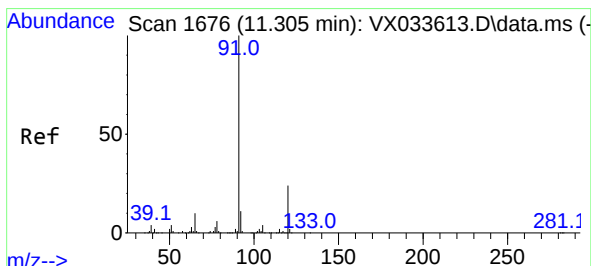
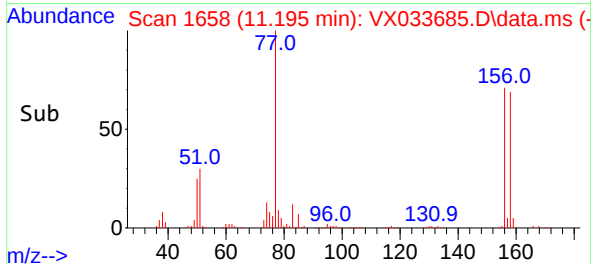
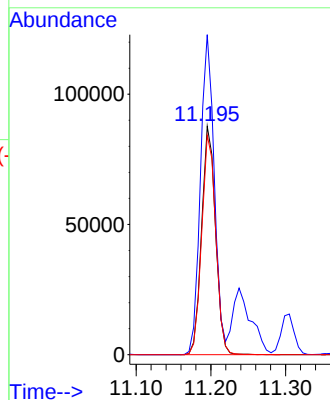
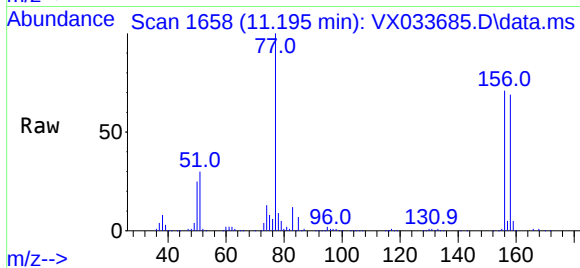




#77  
Bromobenzene  
Concen: 51.065 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

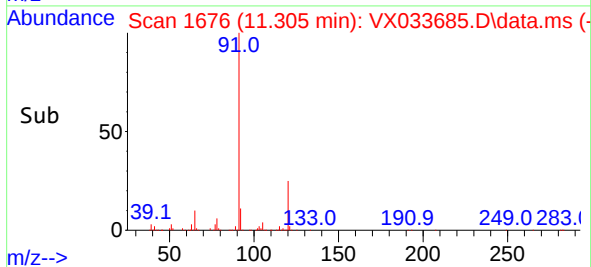
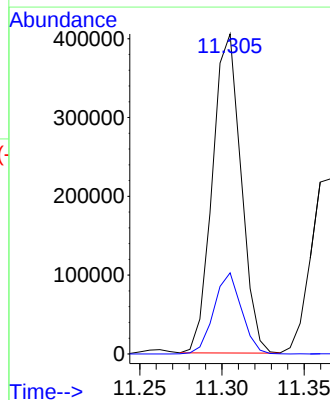
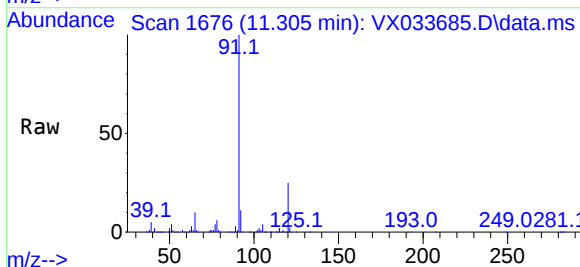
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

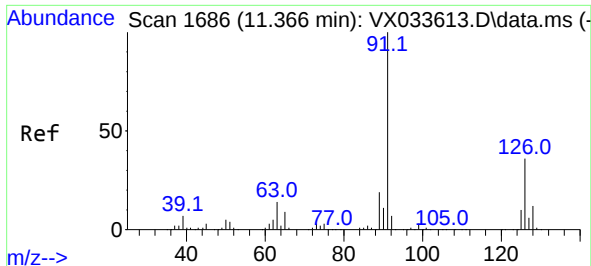
Tgt Ion:156 Resp: 113325  
Ion Ratio Lower Upper  
156 100  
77 139.4 70.9 212.6  
158 97.1 48.3 144.9



#78  
n-propylbenzene  
Concen: 51.609 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Tgt Ion: 91 Resp: 490503  
Ion Ratio Lower Upper  
91 100  
120 24.5 12.2 36.6

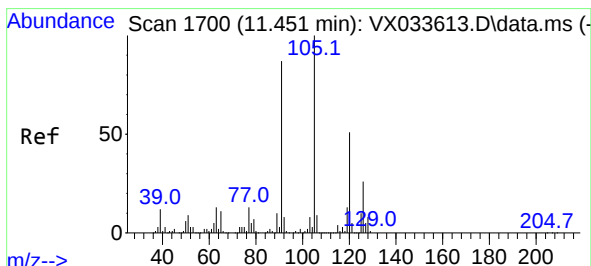
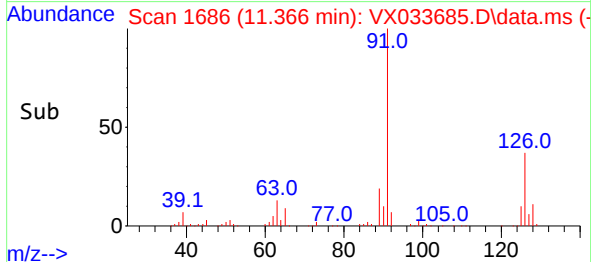
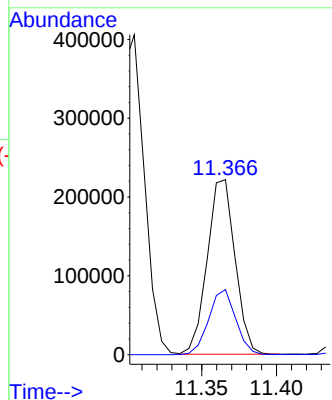
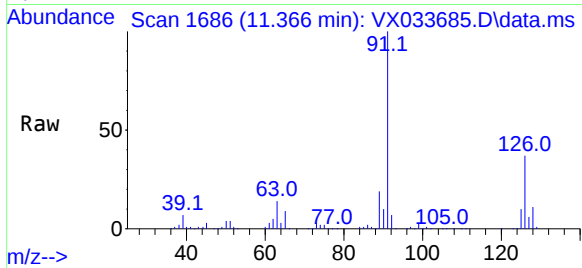




#79  
2-Chlorotoluene  
Concen: 50.298 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

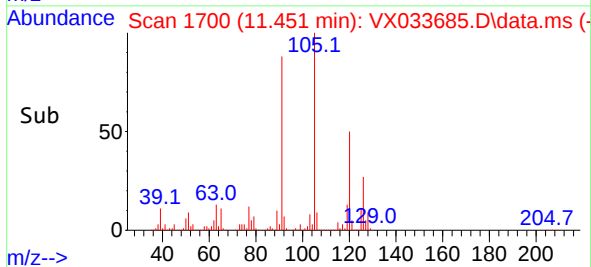
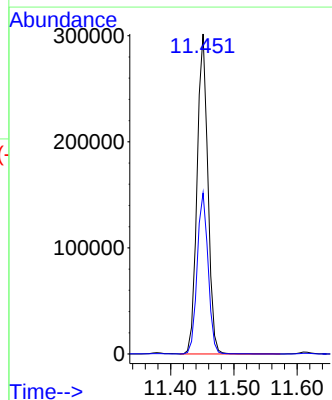
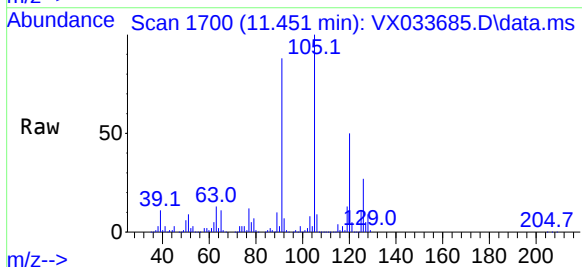
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

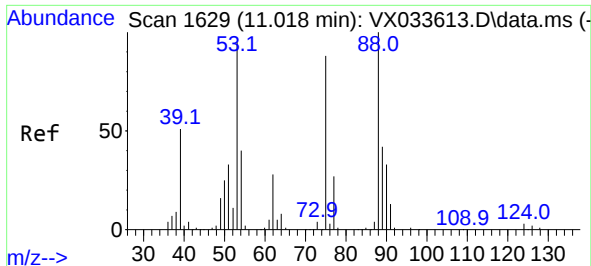
Tgt Ion: 91 Resp: 287113  
Ion Ratio Lower Upper  
91 100  
126 36.1 17.6 52.9



#80  
1,3,5-Trimethylbenzene  
Concen: 51.813 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Tgt Ion: 105 Resp: 357620  
Ion Ratio Lower Upper  
105 100  
120 50.9 25.5 76.5

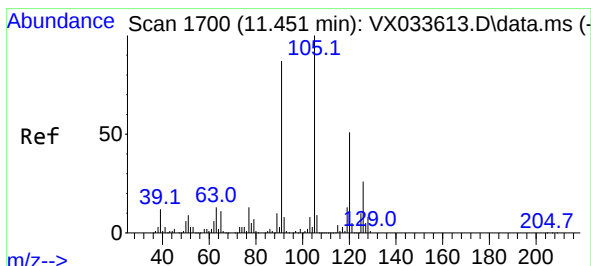
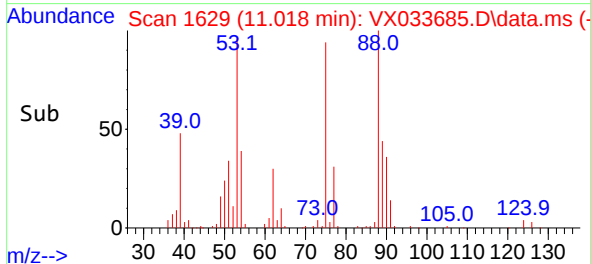
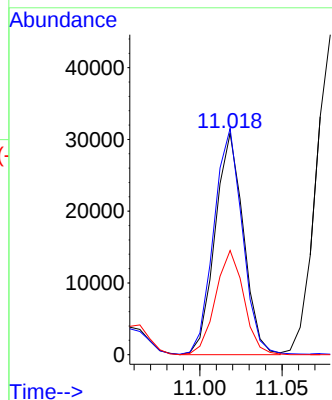
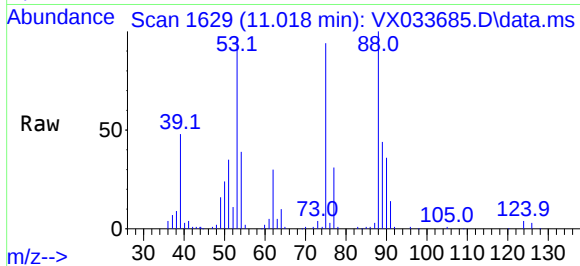




#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.743 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

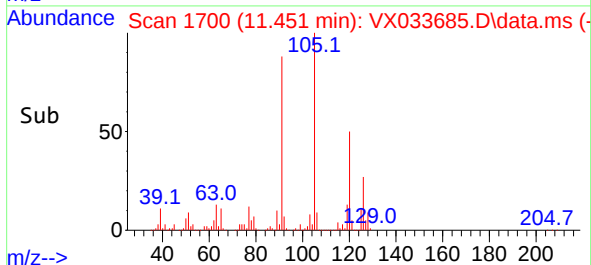
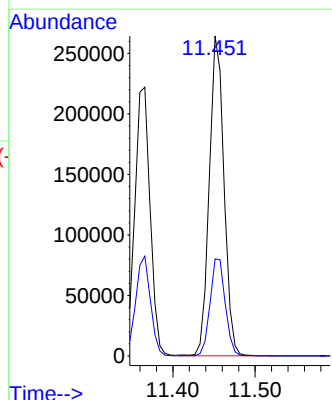
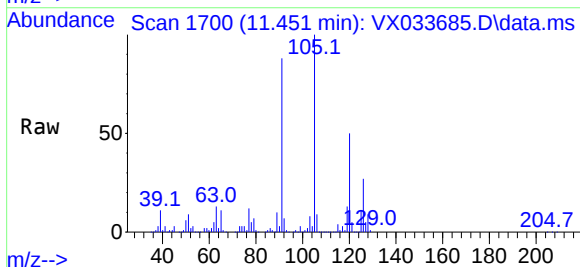
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

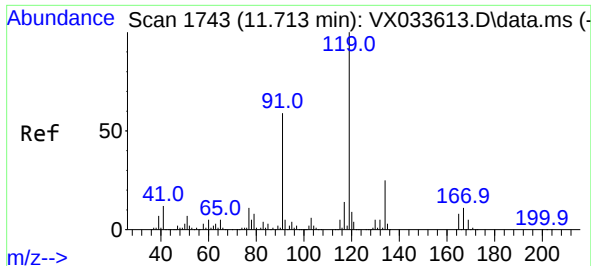
Tgt Ion: 75 Resp: 37076  
Ion Ratio Lower Upper  
75 100  
53 102.6 86.4 129.6  
89 46.8 37.4 56.2



#82  
4-Chlorotoluene  
Concen: 49.768 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Tgt Ion: 91 Resp: 328460  
Ion Ratio Lower Upper  
91 100  
126 31.5 15.7 47.0

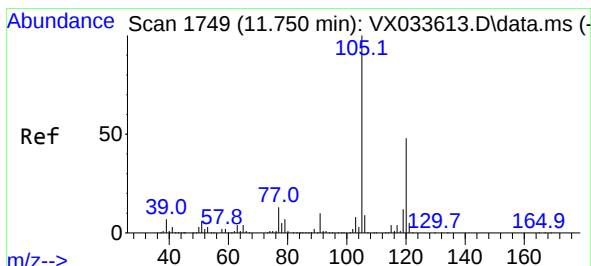
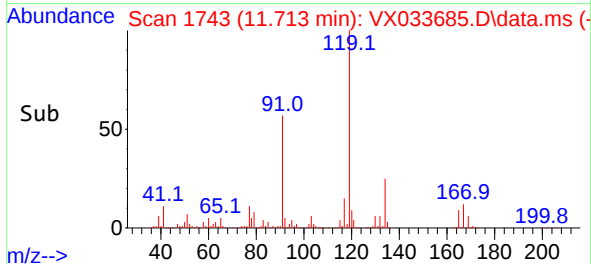
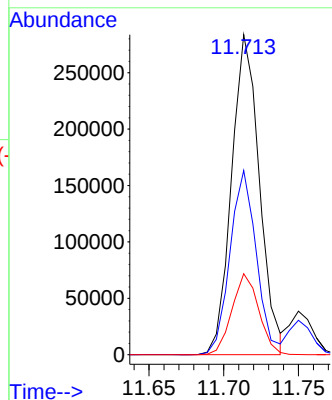
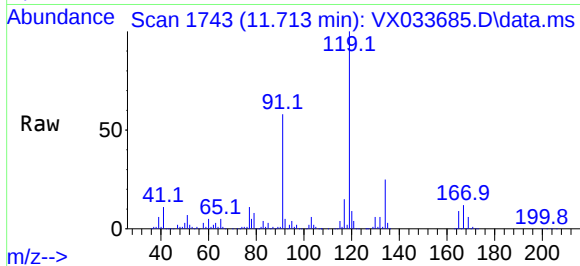




#83  
tert-Butylbenzene  
Concen: 51.065 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

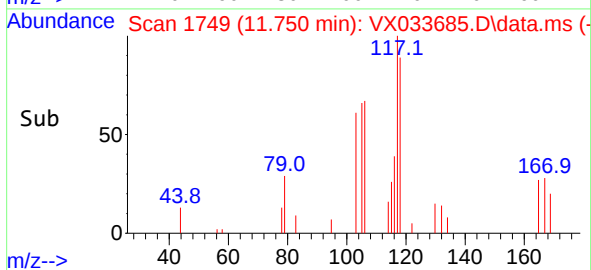
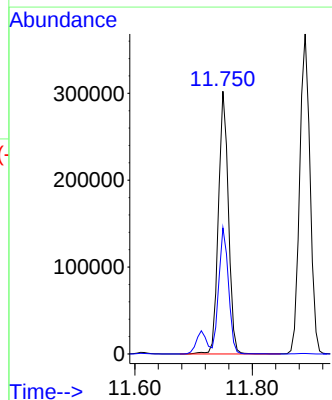
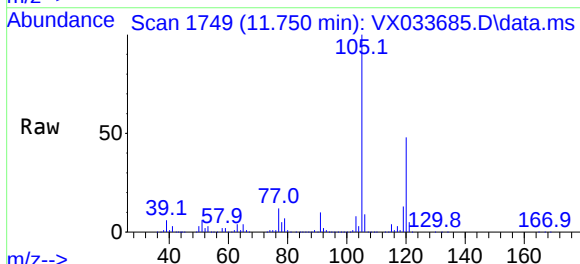
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

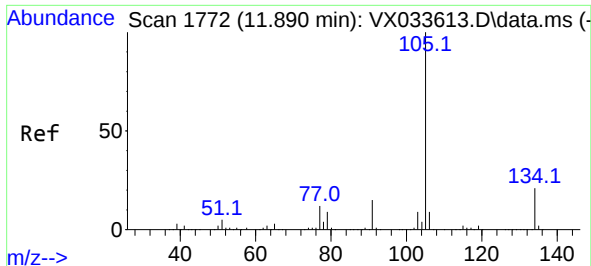
Tgt Ion:119 Resp: 367730  
Ion Ratio Lower Upper  
119 100  
91 54.6 27.9 83.6  
134 24.3 12.2 36.6



#84  
1,2,4-Trimethylbenzene  
Concen: 51.269 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Tgt Ion:105 Resp: 355076  
Ion Ratio Lower Upper  
105 100  
120 46.6 23.4 70.0

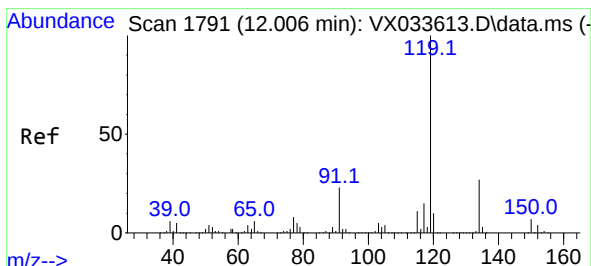
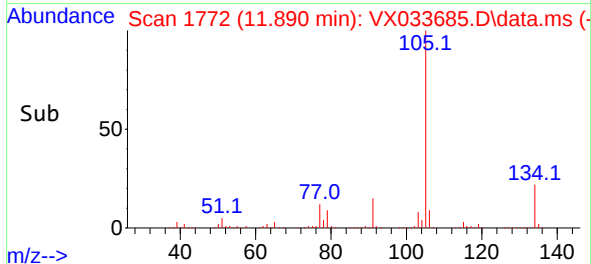
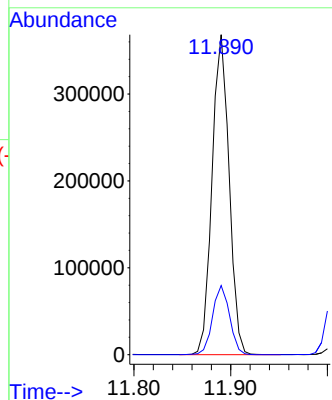
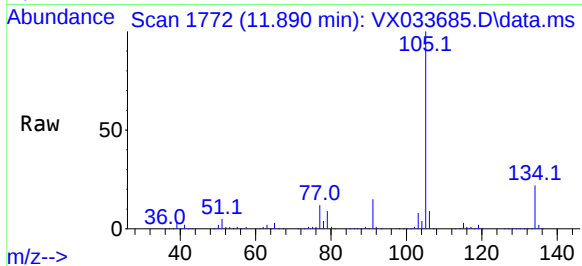




#85  
sec-Butylbenzene  
Concen: 52.976 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

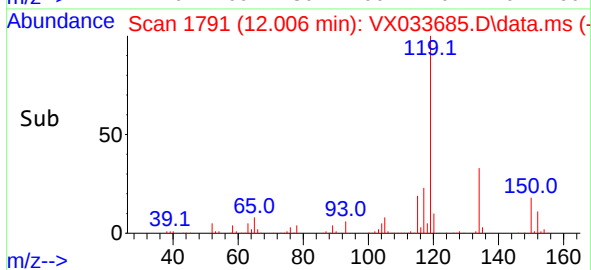
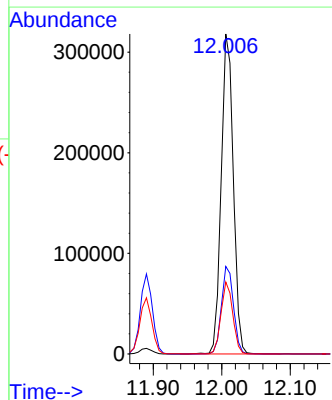
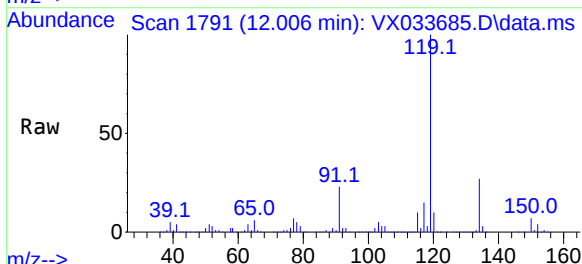
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

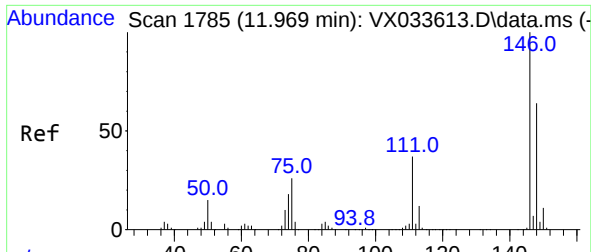
Tgt Ion:105 Resp: 450714  
Ion Ratio Lower Upper  
105 100  
134 21.5 10.8 32.4



#86  
p-Isopropyltoluene  
Concen: 53.469 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Tgt Ion:119 Resp: 388729  
Ion Ratio Lower Upper  
119 100  
134 27.3 13.4 40.2  
91 22.0 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 51.549 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX033685.D

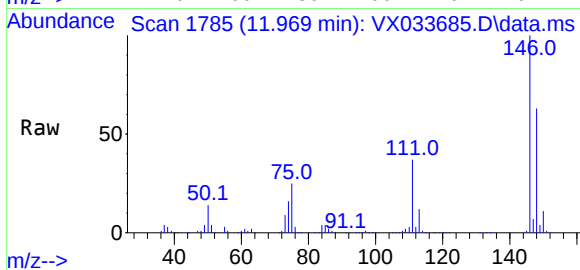
Acq: 10 Jan 2023 15:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC



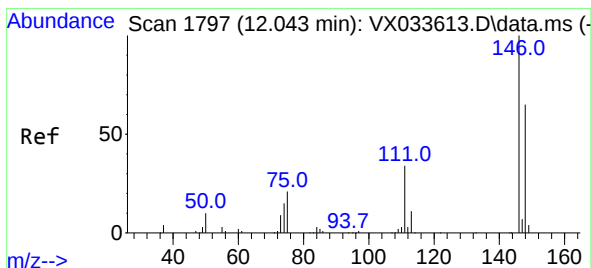
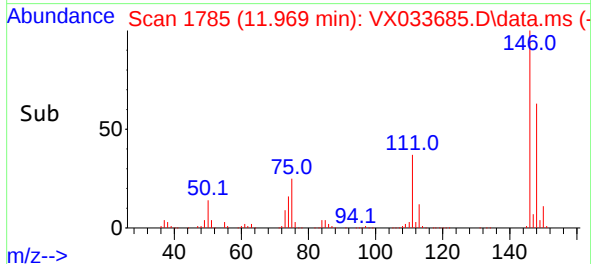
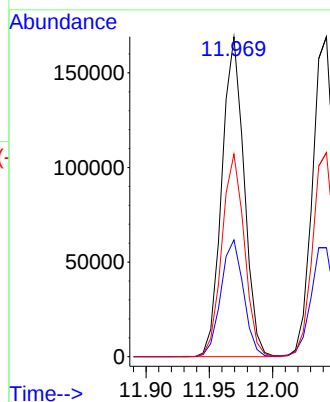
Tgt Ion:146 Resp: 205901

Ion Ratio Lower Upper

146 100

111 37.3 18.9 56.5

148 64.0 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 53.441 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX033685.D

Acq: 10 Jan 2023 15:55

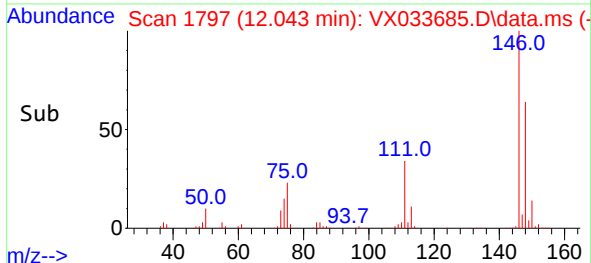
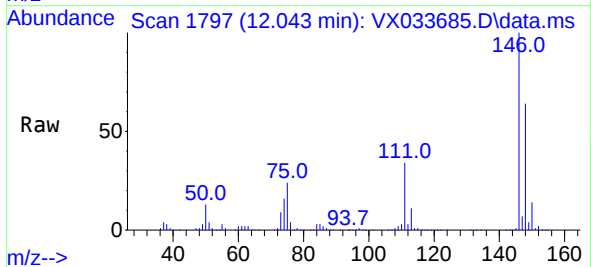
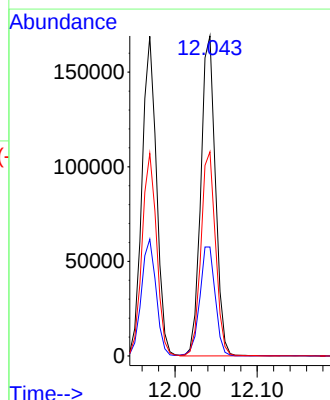
Tgt Ion:146 Resp: 208809

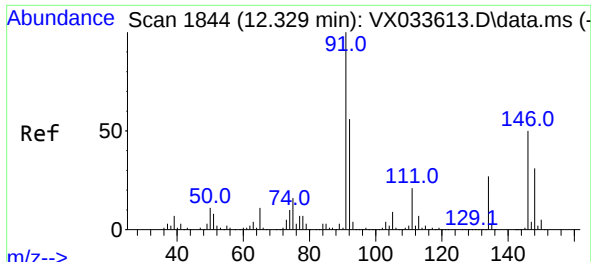
Ion Ratio Lower Upper

146 100

111 36.0 18.2 54.6

148 64.0 32.2 96.6





#89

n-Butylbenzene

Concen: 53.675 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX033685.D

Acq: 10 Jan 2023 15:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

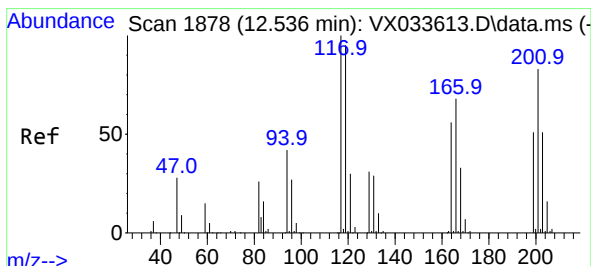
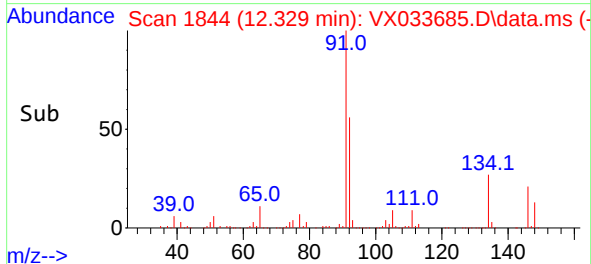
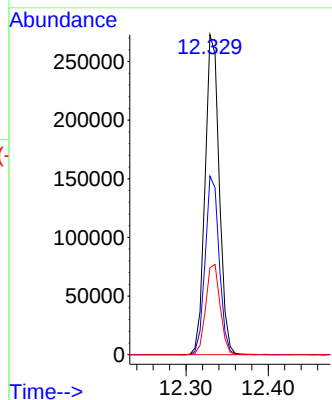
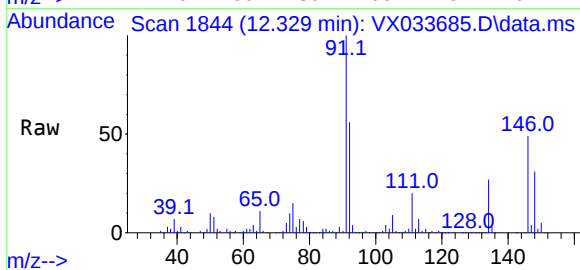
Tgt Ion: 91 Resp: 326329

Ion Ratio Lower Upper

91 100

92 55.1 27.6 82.7

134 28.7 14.1 42.4



#90

Hexachloroethane

Concen: 56.211 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX033685.D

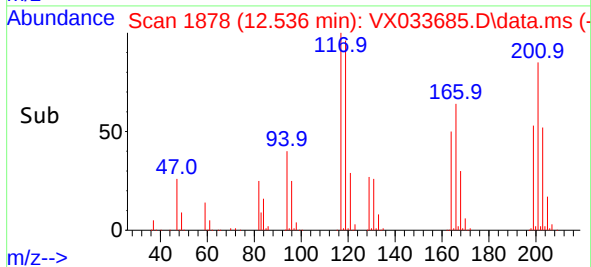
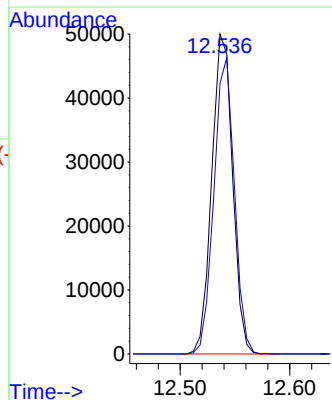
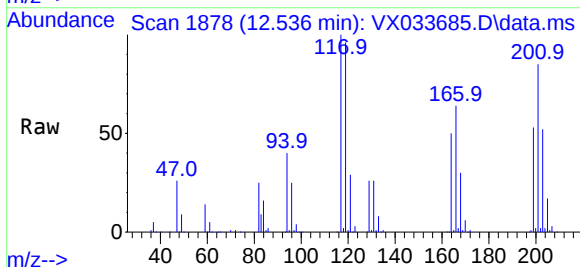
Acq: 10 Jan 2023 15:55

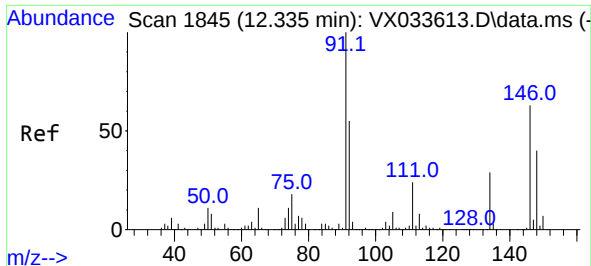
Tgt Ion: 117 Resp: 65930

Ion Ratio Lower Upper

117 100

201 91.3 45.6 136.7

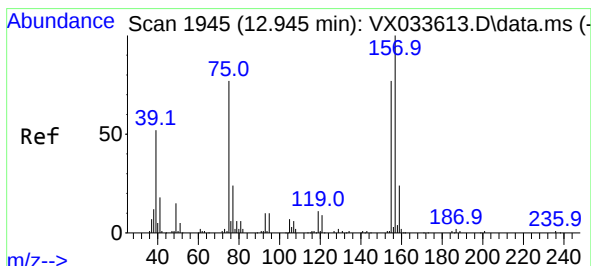
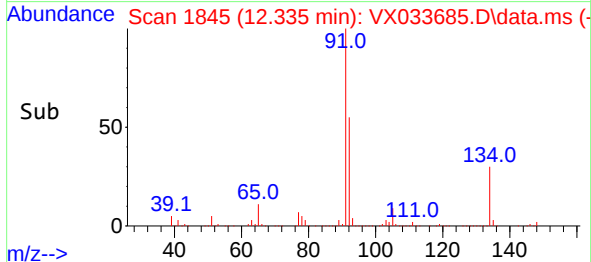
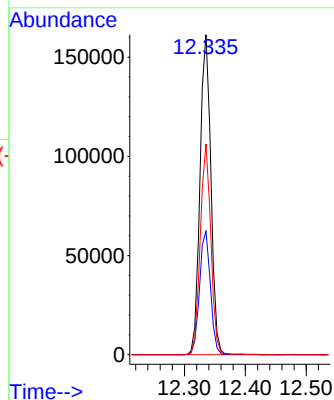
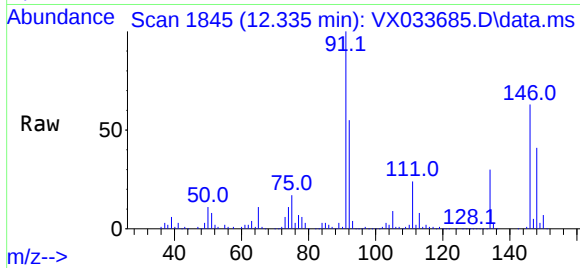




#91  
1,2-Dichlorobenzene  
Concen: 52.534 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

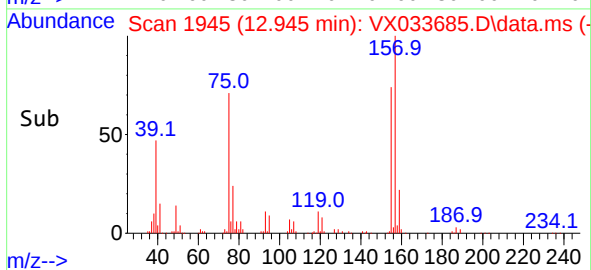
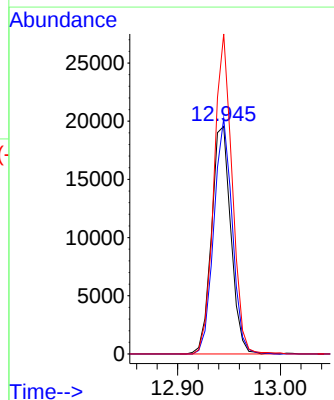
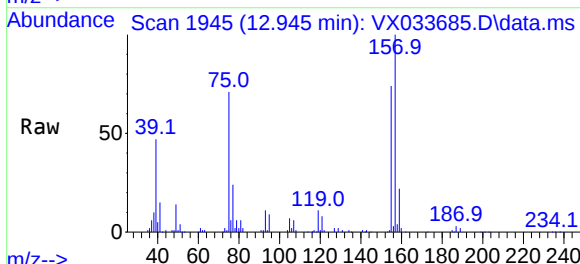
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

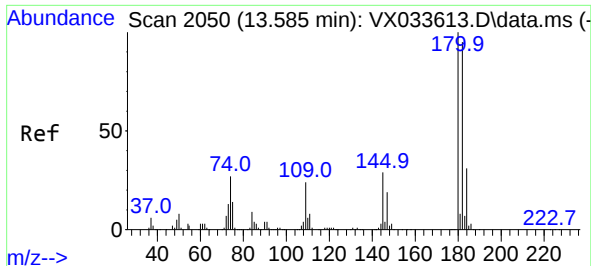
Tgt Ion:146 Resp: 200499  
Ion Ratio Lower Upper  
146 100  
111 38.4 19.7 59.0  
148 64.1 32.1 96.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 52.598 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Tgt Ion: 75 Resp: 25556  
Ion Ratio Lower Upper  
75 100  
155 98.1 48.4 145.0  
157 131.8 62.7 188.2

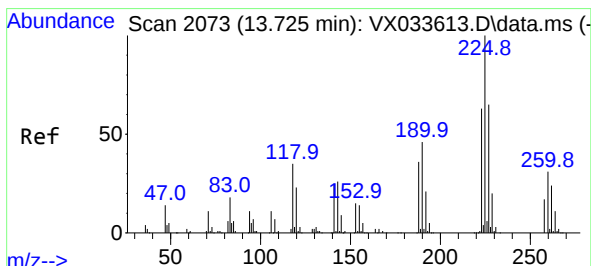
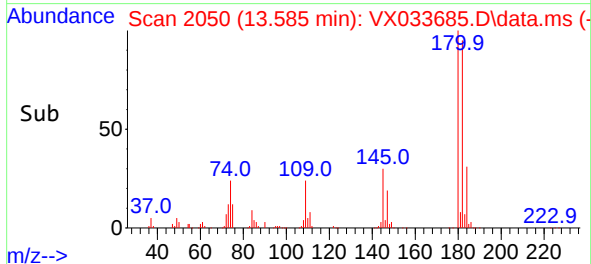
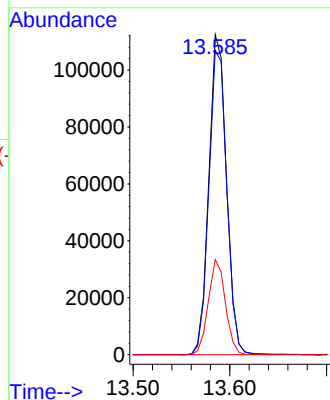
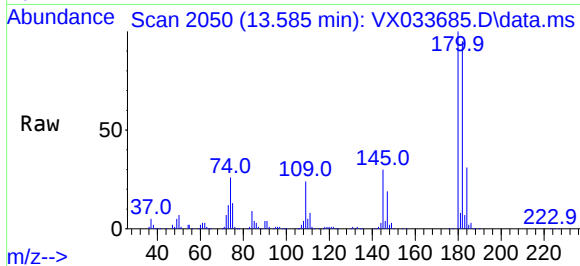




#93  
1,2,4-Trichlorobenzene  
Concen: 53.844 ug/l  
RT: 13.585 min Scan# 2050  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

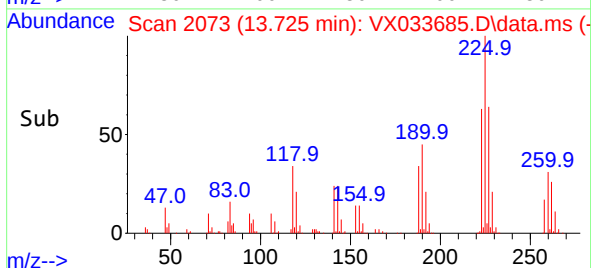
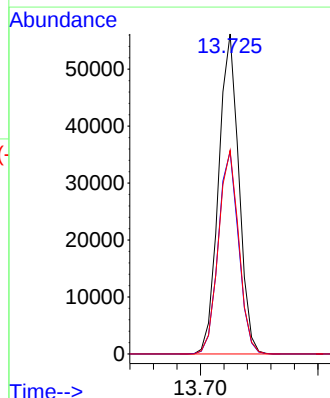
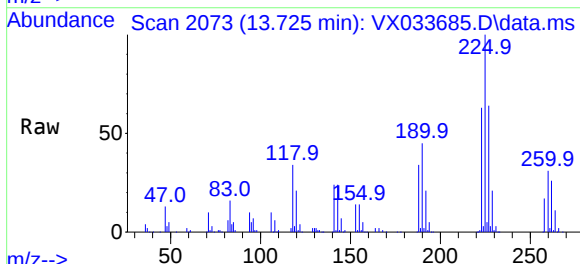
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

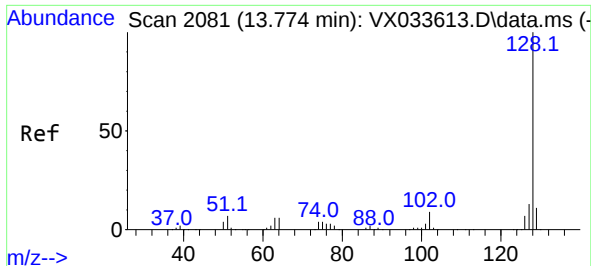
Tgt Ion:180 Resp: 142615  
Ion Ratio Lower Upper  
180 100  
182 96.7 47.4 142.2  
145 28.9 14.1 42.2



#94  
Hexachlorobutadiene  
Concen: 57.704 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

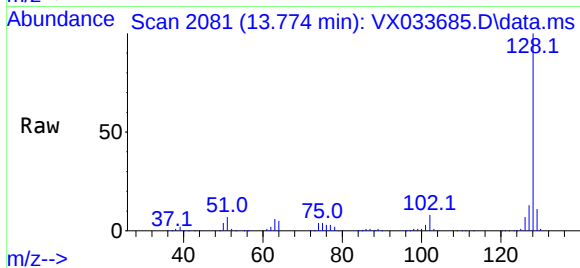
Tgt Ion:225 Resp: 67283  
Ion Ratio Lower Upper  
225 100  
223 63.4 31.4 94.3  
227 63.9 31.9 95.5



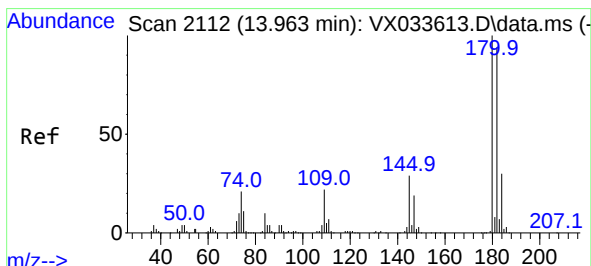
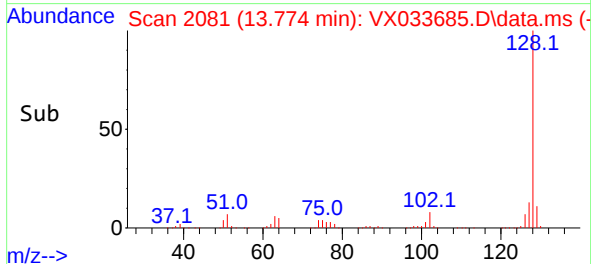
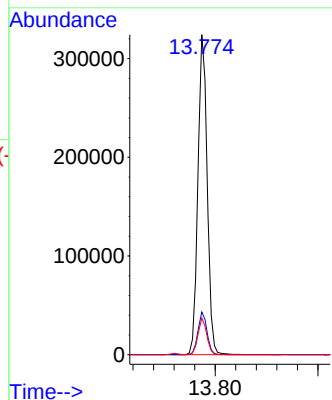


#95  
Naphthalene  
Concen: 48.763 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:128 Resp: 406605  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.3 15.5  
129 10.8 9.0 13.4



#96  
1,2,3-Trichlorobenzene  
Concen: 50.802 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX033685.D  
Acq: 10 Jan 2023 15:55

Tgt Ion:180 Resp: 140397  
Ion Ratio Lower Upper  
180 100  
182 95.5 47.2 141.6  
145 29.8 15.0 45.0

