

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061423\  
 Data File : VX036157.D  
 Acq On : 14 Jun 2023 15:36  
 Operator : JC/MD  
 Sample : VSTDICCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

Quant Time: Jun 15 01:34:22 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061423W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 15 01:28:15 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.549  | 168  | 205921   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 381242   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 350049   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 161198   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 176706   | 50.871   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 101.740% |      |
| 35) Dibromofluoromethane    | 5.385  | 113   | 124211   | 48.458   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 96.920%  |      |
| 50) Toluene-d8              | 8.646  | 98    | 450084   | 48.913   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 97.820%  |      |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 177746   | 45.970   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 91.940%  |      |

|                              |       |     |         |         |      |     |
|------------------------------|-------|-----|---------|---------|------|-----|
| Target Compounds             |       |     |         | Qvalue  |      |     |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 112710  | 50.357  | ug/l | 100 |
| 3) Chloromethane             | 1.294 | 50  | 122486  | 50.803  | ug/l | 100 |
| 4) Vinyl Chloride            | 1.373 | 62  | 113886  | 50.158  | ug/l | 100 |
| 5) Bromomethane              | 1.617 | 94  | 71225   | 48.713  | ug/l | 100 |
| 6) Chloroethane              | 1.690 | 64  | 71844   | 50.167  | ug/l | 100 |
| 7) Trichlorofluoromethane    | 1.886 | 101 | 165249  | 50.931  | ug/l | 100 |
| 8) Diethyl Ether             | 2.135 | 74  | 67086   | 49.620  | ug/l | 100 |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 100412  | 50.930  | ug/l | 100 |
| 10) Methyl Iodide            | 2.452 | 142 | 117119  | 53.230  | ug/l | 100 |
| 11) Tert butyl alcohol       | 3.013 | 59  | 147674  | 258.410 | ug/l | 100 |
| 12) 1,1-Dichloroethene       | 2.318 | 96  | 98542   | 50.277  | ug/l | 100 |
| 13) Acrolein                 | 2.239 | 56  | 166256  | 250.243 | ug/l | 100 |
| 14) Allyl chloride           | 2.666 | 41  | 206486  | 51.783  | ug/l | 100 |
| 15) Acrylonitrile            | 3.074 | 53  | 350481  | 257.448 | ug/l | 100 |
| 16) Acetone                  | 2.404 | 43  | 326483  | 245.008 | ug/l | 100 |
| 17) Carbon Disulfide         | 2.513 | 76  | 248362  | 49.792  | ug/l | 100 |
| 18) Methyl Acetate           | 2.709 | 43  | 276747  | 49.406  | ug/l | 100 |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 400912  | 51.555  | ug/l | 100 |
| 20) Methylene Chloride       | 2.788 | 84  | 120783  | 48.962  | ug/l | 100 |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 109005  | 48.761  | ug/l | 100 |
| 22) Diisopropyl ether        | 3.757 | 45  | 408980  | 52.116  | ug/l | 100 |
| 23) Vinyl Acetate            | 3.721 | 43  | 1539832 | 268.421 | ug/l | 100 |
| 24) 1,1-Dichloroethane       | 3.611 | 63  | 222494  | 51.391  | ug/l | 100 |
| 25) 2-Butanone               | 4.568 | 43  | 495272  | 254.405 | ug/l | 100 |
| 26) 2,2-Dichloropropane      | 4.477 | 77  | 178473  | 51.509  | ug/l | 100 |
| 27) cis-1,2-Dichloroethene   | 4.489 | 96  | 131920  | 51.145  | ug/l | 100 |
| 28) Bromochloromethane       | 4.897 | 49  | 117485  | 52.430  | ug/l | 100 |
| 29) Tetrahydrofuran          | 5.019 | 42  | 323128  | 258.020 | ug/l | 100 |
| 30) Chloroform               | 5.092 | 83  | 230992  | 50.953  | ug/l | 100 |
| 31) Cyclohexane              | 5.470 | 56  | 176840  | 51.105  | ug/l | 100 |
| 32) 1,1,1-Trichloroethane    | 5.385 | 97  | 197733  | 51.603  | ug/l | 100 |
| 36) 1,1-Dichloropropene      | 5.696 | 75  | 162074  | 49.411  | ug/l | 100 |
| 37) Ethyl Acetate            | 4.714 | 43  | 201690  | 50.067  | ug/l | 100 |
| 38) Carbon Tetrachloride     | 5.678 | 117 | 162755  | 51.399  | ug/l | 100 |
| 39) Methylcyclohexane        | 7.378 | 83  | 170316  | 48.887  | ug/l | 100 |
| 40) Benzene                  | 6.037 | 78  | 473292  | 50.279  | ug/l | 100 |

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 Sample : VSTDICCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

Quant Time: Jun 15 01:34:22 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061423W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 15 01:28:15 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 113692   | 50.613   | ug/l   | 100      |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 202076   | 49.763   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.342  | 43   | 315411   | 50.486   | ug/l   | 100      |
| 44) Trichloroethene           | 7.122  | 130  | 119417   | 49.446   | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 7.433  | 63   | 125168   | 50.794   | ug/l   | 100      |
| 46) Dibromomethane            | 7.580  | 93   | 89440    | 49.705   | ug/l   | 100      |
| 47) Bromodichloromethane      | 7.823  | 83   | 174864   | 52.106   | ug/l   | 100      |
| 48) Methyl methacrylate       | 7.689  | 41   | 164354   | 52.842   | ug/l   | 100      |
| 49) 1,4-Dioxane               | 7.732  | 88   | 63685    | 1046.564 | ug/l # | 100      |
| 51) 4-Methyl-2-Pentanone      | 8.573  | 43   | 984603   | 261.419  | ug/l   | 100      |
| 52) Toluene                   | 8.720  | 92   | 302589   | 51.123   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 188630   | 53.164   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 203031   | 52.714   | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 9.152  | 97   | 125799   | 50.650   | ug/l   | 100      |
| 56) Ethyl methacrylate        | 9.116  | 69   | 201029   | 52.370   | ug/l   | 100      |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 217794   | 50.774   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 520008   | 256.579  | ug/l   | 100      |
| 59) 2-Hexanone                | 9.433  | 43   | 742781   | 265.841  | ug/l   | 100      |
| 60) Dibromochloromethane      | 9.518  | 129  | 125168   | 52.947   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 133312   | 51.184   | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.274  | 164  | 96487    | 50.312   | ug/l   | 100      |
| 65) Chlorobenzene             | 10.079 | 112  | 322304   | 50.458   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 118685   | 52.814   | ug/l   | 100      |
| 67) Ethyl Benzene             | 10.195 | 91   | 582946   | 51.668   | ug/l   | 100      |
| 68) m/p-Xylenes               | 10.299 | 106  | 447889   | 104.085  | ug/l   | 100      |
| 69) o-Xylene                  | 10.640 | 106  | 223252   | 52.563   | ug/l   | 100      |
| 70) Styrene                   | 10.652 | 104  | 370465   | 53.152   | ug/l   | 100      |
| 71) Bromoform                 | 10.799 | 173  | 84112    | 44.645   | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.963 | 105  | 568622   | 51.913   | ug/l   | 100      |
| 74) N-amyl acetate            | 10.841 | 43   | 265771   | 53.345   | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 191126   | 51.075   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 216446   | 60.039   | ug/l   | 90       |
| 77) Bromobenzene              | 11.195 | 156  | 134590   | 52.356   | ug/l   | 100      |
| 78) n-propylbenzene           | 11.305 | 91   | 652712   | 51.192   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 407338   | 50.451   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 479765   | 51.897   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 57005    | 46.746   | ug/l   | 100      |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 473985   | 51.519   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.713 | 119  | 453030   | 51.685   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 490302   | 52.804   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.890 | 105  | 553830   | 51.959   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 473963   | 52.534   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 246073   | 50.176   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 249962   | 49.397   | ug/l   | 100      |
| 89) n-Butylbenzene            | 12.329 | 91   | 403692   | 52.071   | ug/l   | 100      |
| 90) Hexachloroethane          | 12.536 | 117  | 74748    | 46.257   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 242499   | 50.492   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 44977    | 52.501   | ug/l   | 100      |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 133604   | 48.934   | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 51602    | 49.015   | ug/l   | 100      |
| 95) Naphthalene               | 13.774 | 128  | 510958   | 53.034   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 136743   | 50.461   | ug/l   | 100      |

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Sample : VSTDICCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

Quant Time: Jun 15 01:34:22 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061423W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 15 01:28:15 2023  
Response via : Initial Calibration

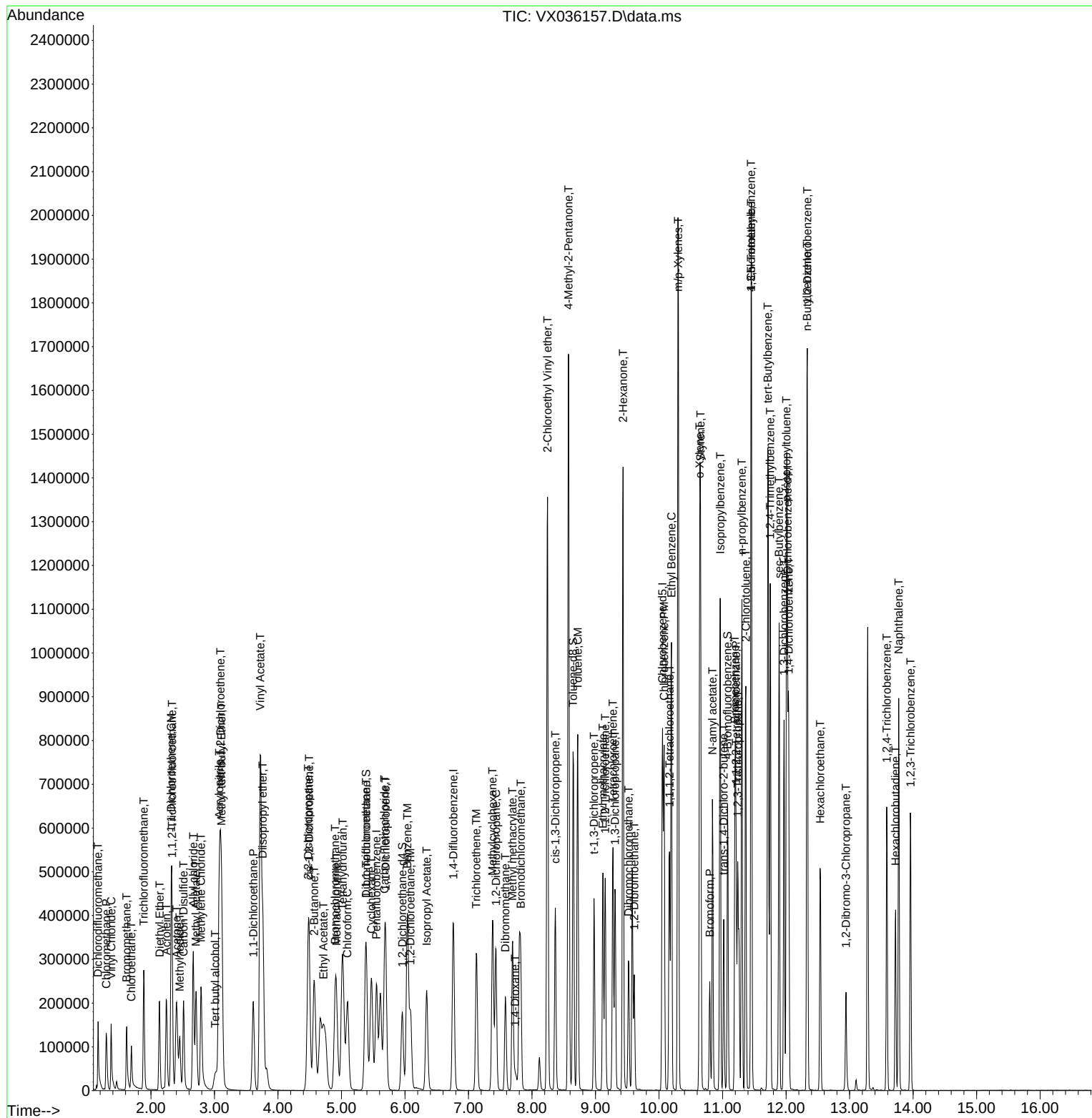
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

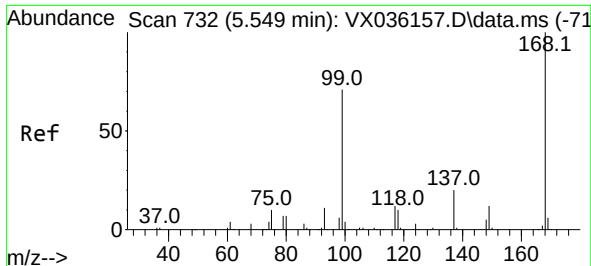
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061423\  
 Data File : VX036157.D  
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 Sample : VSTDICCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

Quant Time: Jun 15 01:34:22 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061423W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 15 01:28:15 2023  
 Response via : Initial Calibration

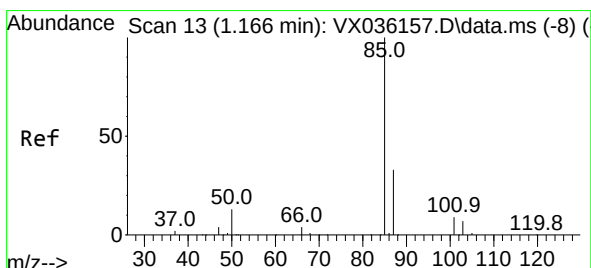
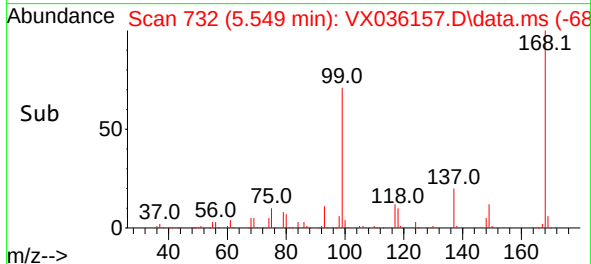
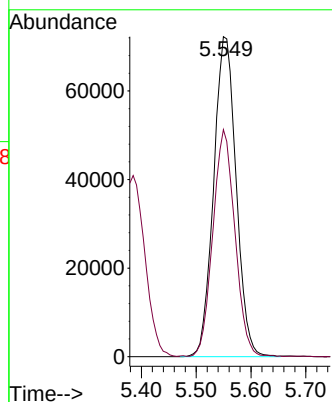
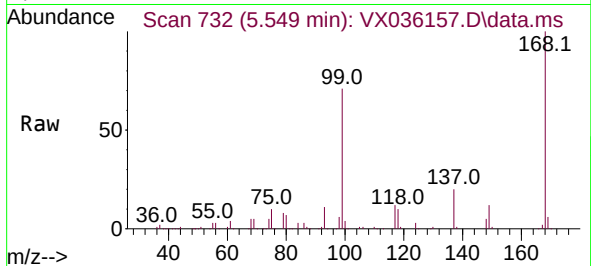




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.549 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

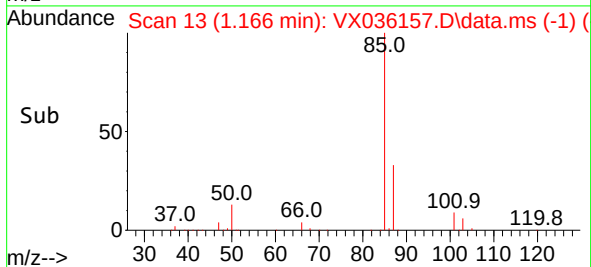
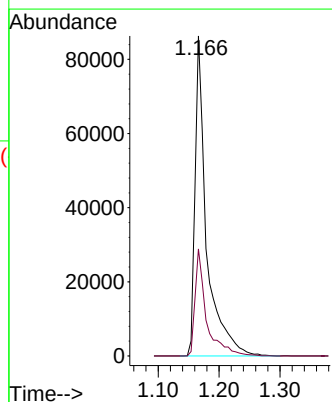
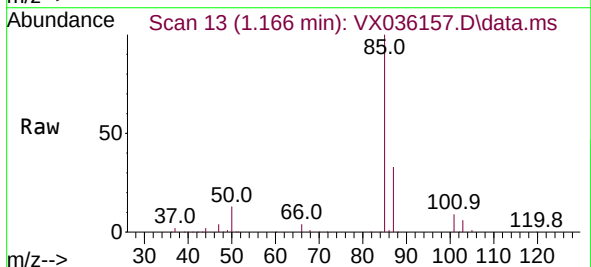
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

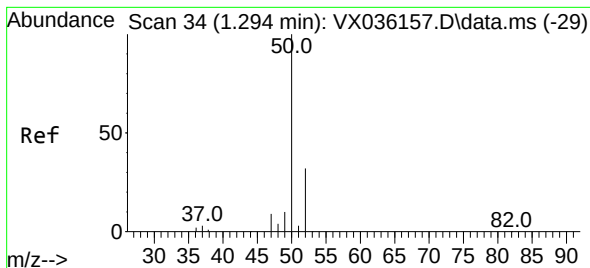
Tgt Ion:168 Resp: 205921  
Ion Ratio Lower Upper  
168 100  
99 70.8 56.6 85.0



#2  
Dichlorodifluoromethane  
Concen: 50.357 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

Tgt Ion: 85 Resp: 112710  
Ion Ratio Lower Upper  
85 100  
87 33.4 16.7 50.1





#3

Chloromethane

Concen: 50.803 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA\_X

ClientSampleId :

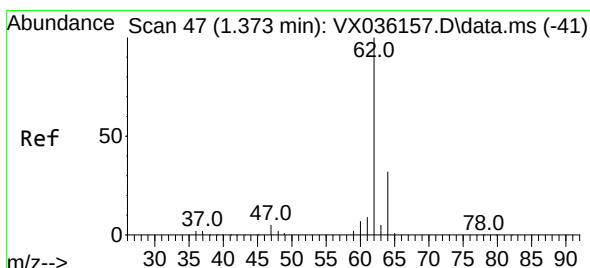
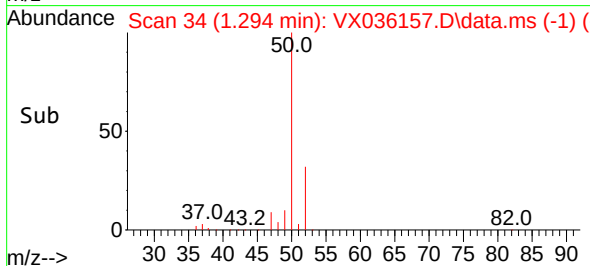
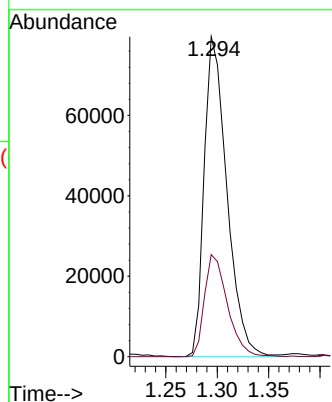
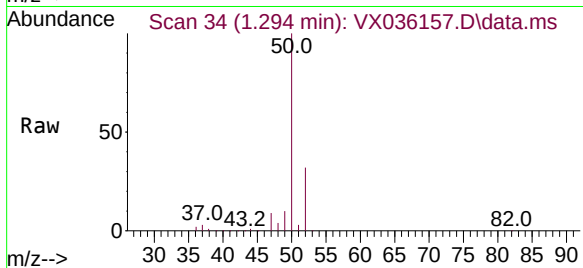
VSTDICCC050

Tgt Ion: 50 Resp: 122486

Ion Ratio Lower Upper

50 100

52 31.9 25.5 38.3



#4

Vinyl Chloride

Concen: 50.158 ug/l

RT: 1.373 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX036157.D

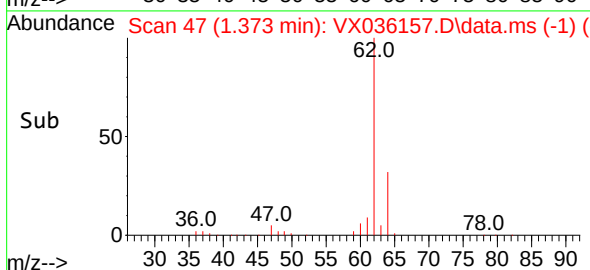
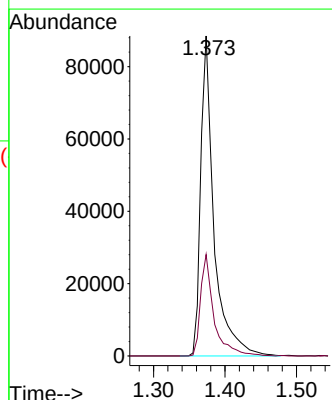
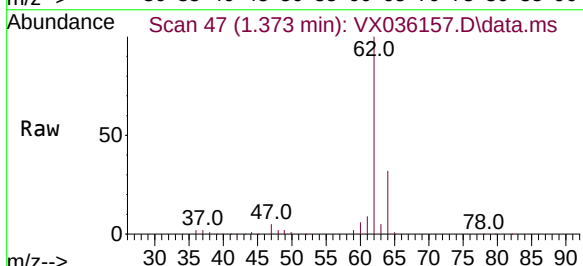
Acq: 14 Jun 2023 15:36

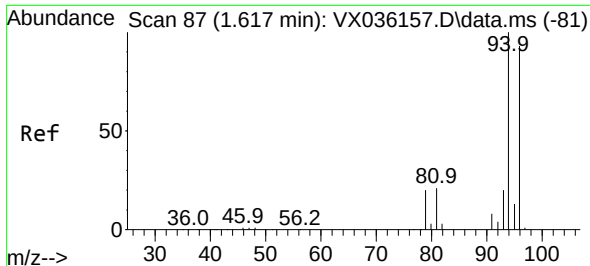
Tgt Ion: 62 Resp: 113886

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0

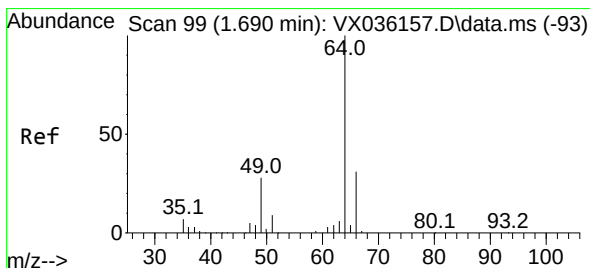
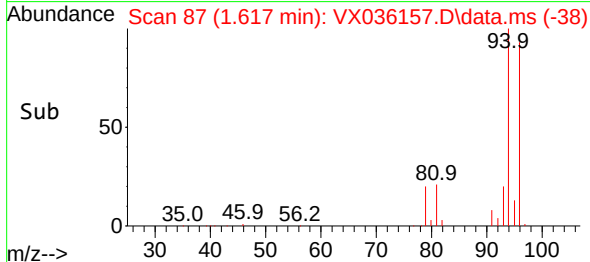
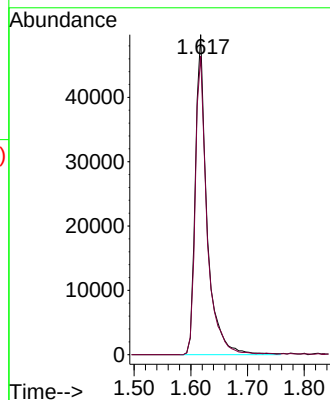
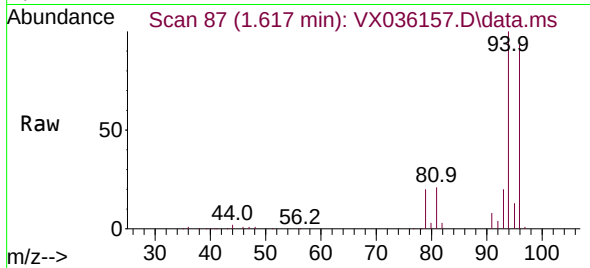




#5  
Bromomethane  
Concen: 48.713 ug/l  
RT: 1.617 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

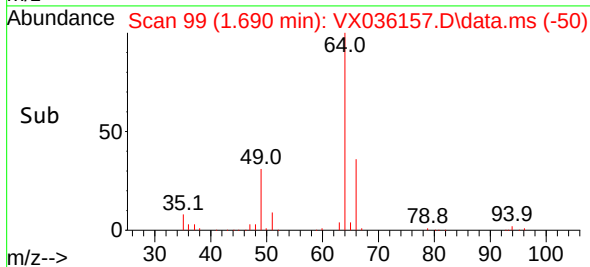
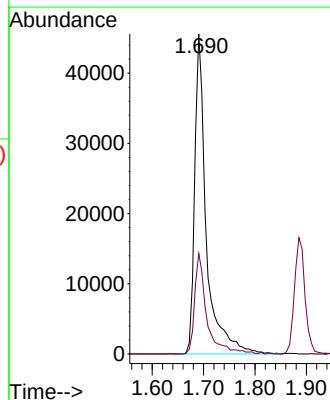
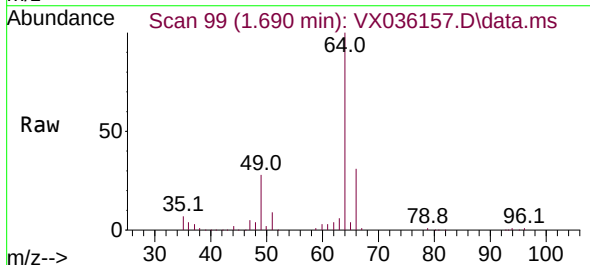
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

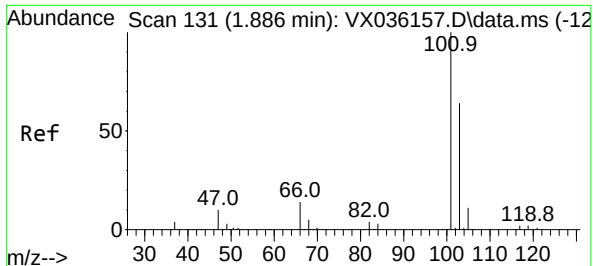
Tgt Ion: 94 Resp: 71225  
Ion Ratio Lower Upper  
94 100  
96 93.2 74.6 111.8



#6  
Chloroethane  
Concen: 50.167 ug/l  
RT: 1.690 min Scan# 99  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

Tgt Ion: 64 Resp: 71844  
Ion Ratio Lower Upper  
64 100  
66 31.4 25.1 37.7

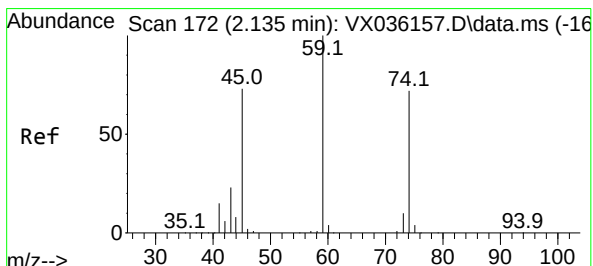
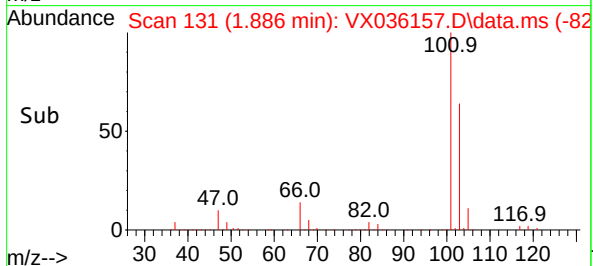
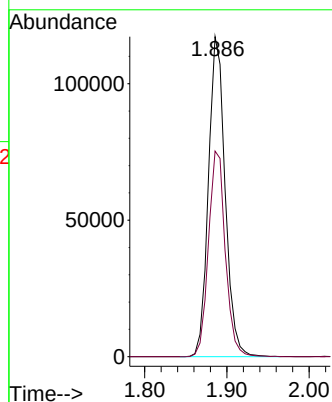
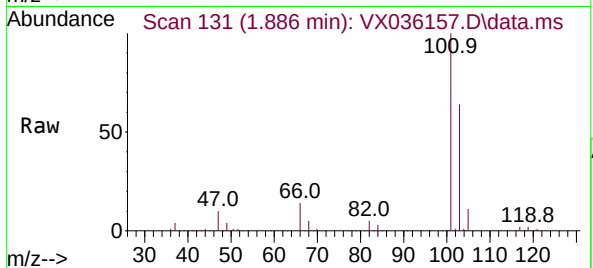




#7  
Trichlorofluoromethane  
Concen: 50.931 ug/l  
RT: 1.886 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

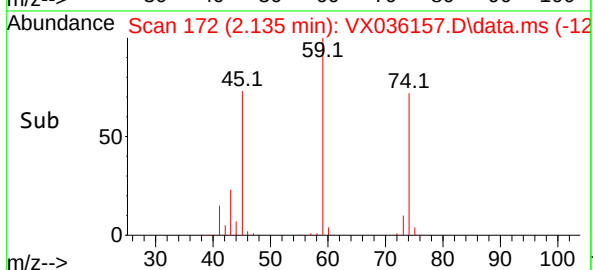
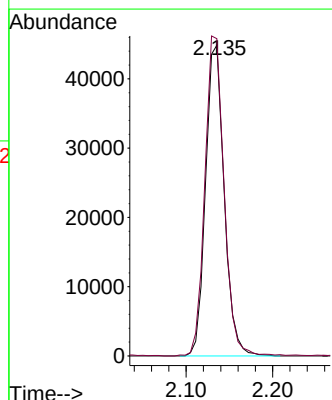
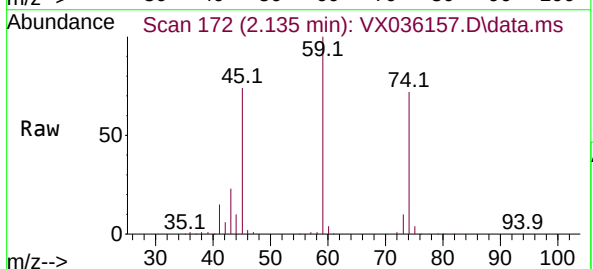
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

Tgt Ion:101 Resp: 165249  
Ion Ratio Lower Upper  
101 100  
103 64.3 51.4 77.2

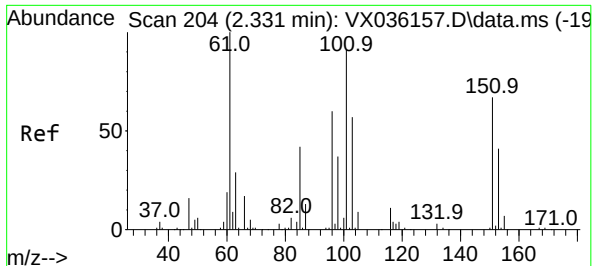


#8  
Diethyl Ether  
Concen: 49.620 ug/l  
RT: 2.135 min Scan# 172  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

Tgt Ion: 74 Resp: 67086  
Ion Ratio Lower Upper  
74 100  
45 106.5 53.3 159.8



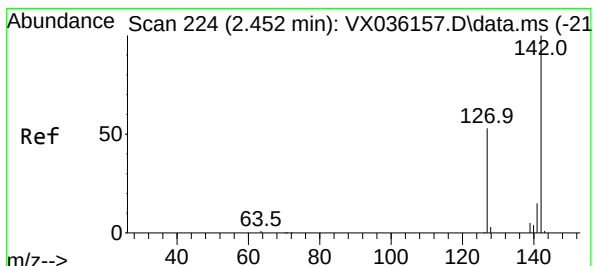
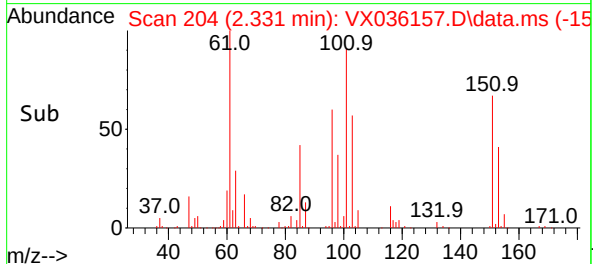
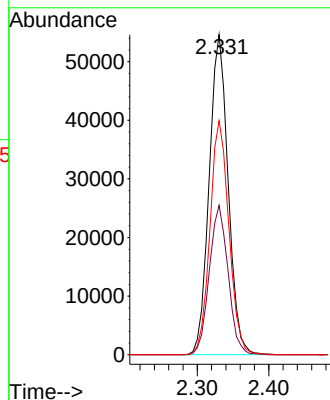
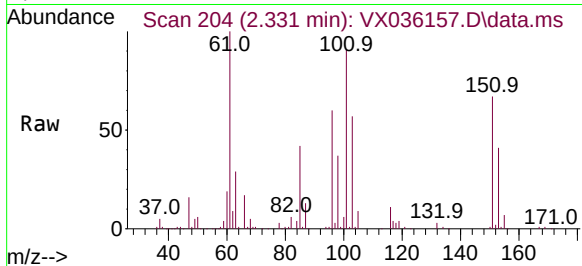




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.930 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

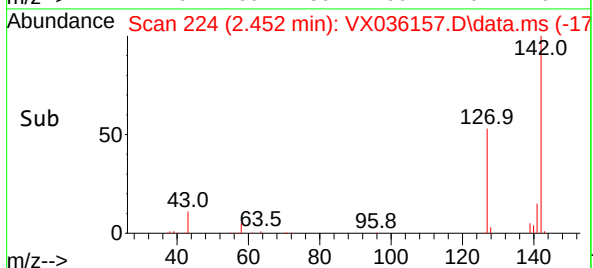
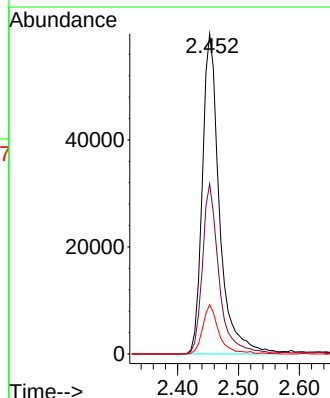
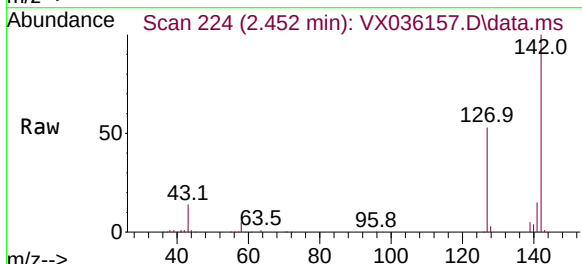
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

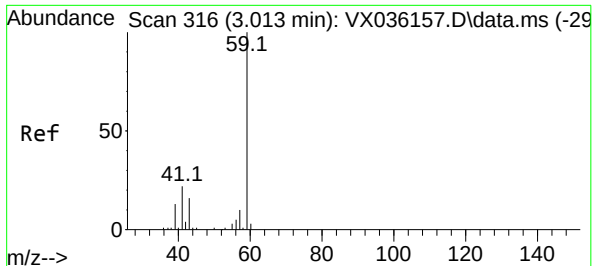
Tgt Ion:101 Resp: 100412  
Ion Ratio Lower Upper  
101 100  
85 46.3 37.0 55.6  
151 73.2 58.6 87.8



#10  
Methyl Iodide  
Concen: 53.230 ug/l  
RT: 2.452 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

Tgt Ion:142 Resp: 117119  
Ion Ratio Lower Upper  
142 100  
127 52.0 41.6 62.4  
141 14.5 11.6 17.4

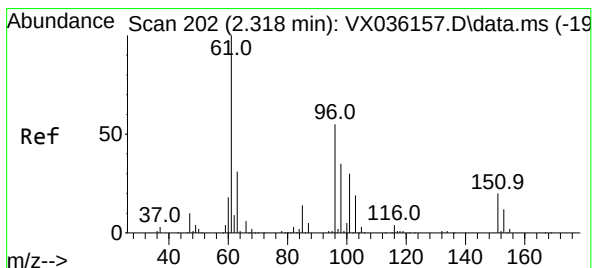
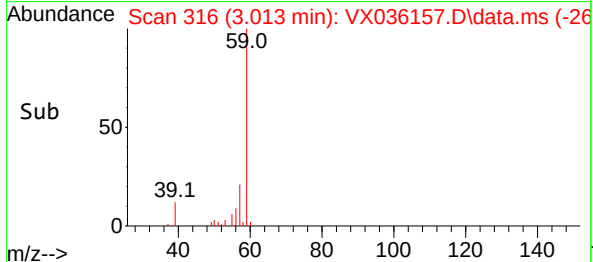
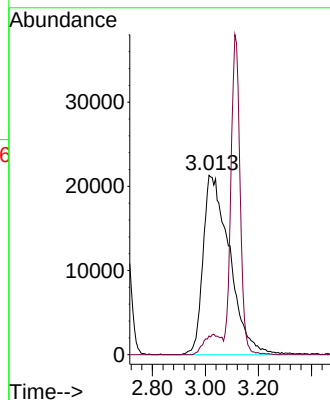
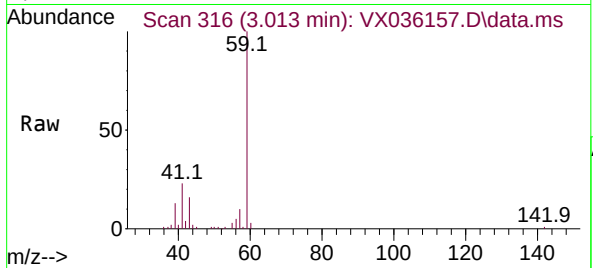




#11  
Tert butyl alcohol  
Concen: 258.410 ug/l  
RT: 3.013 min Scan# 316  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

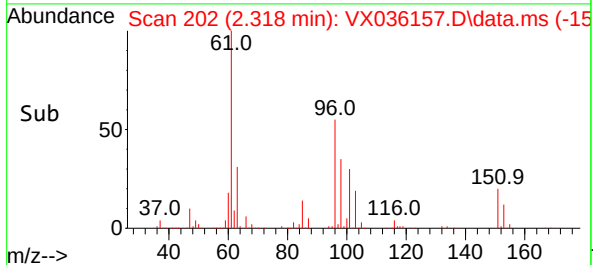
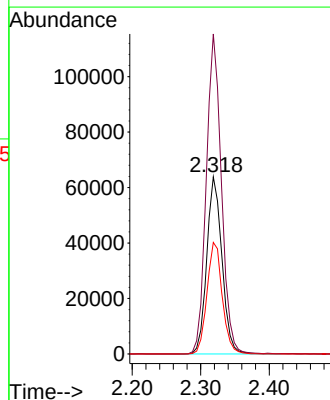
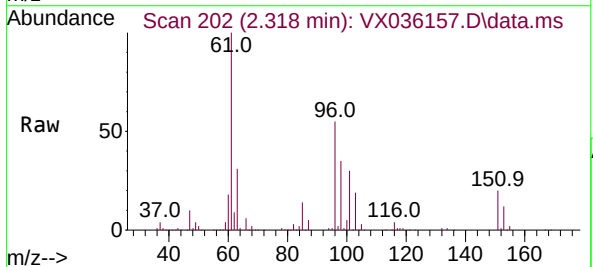
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

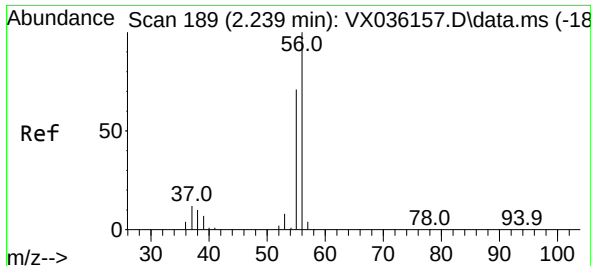
Tgt Ion: 59 Resp: 147674  
Ion Ratio Lower Upper  
59 100  
57 7.5 6.0 9.0



#12  
1,1-Dichloroethene  
Concen: 50.277 ug/l  
RT: 2.318 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

Tgt Ion: 96 Resp: 98542  
Ion Ratio Lower Upper  
96 100  
61 180.7 144.6 216.8  
98 63.0 50.4 75.6

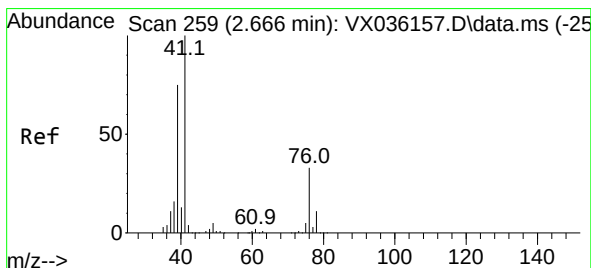
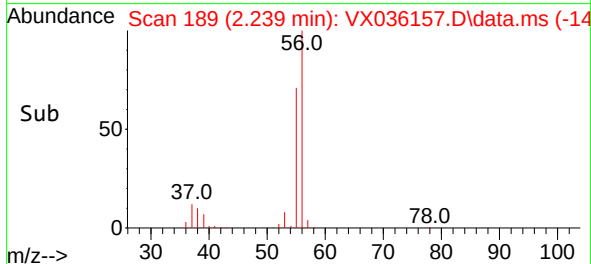
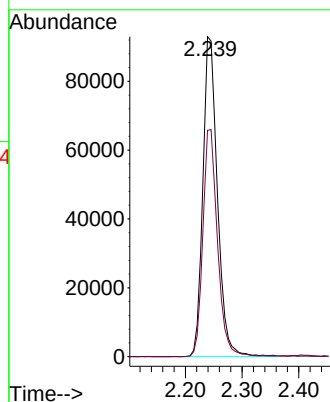
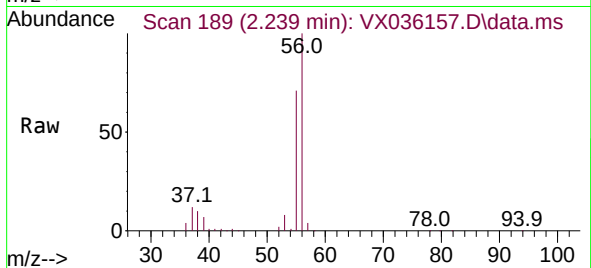




#13  
Acrolein  
Concen: 250.243 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

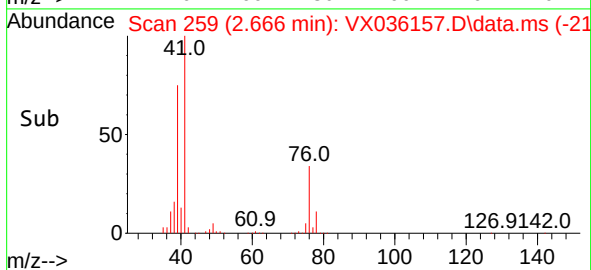
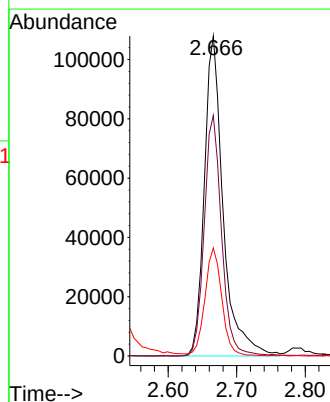
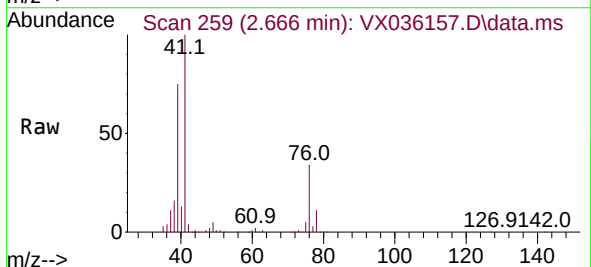
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

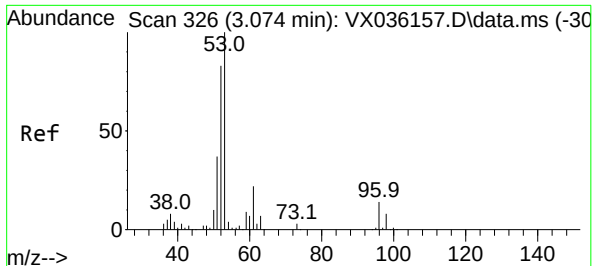
Tgt Ion: 56 Resp: 166256  
Ion Ratio Lower Upper  
56 100  
55 71.4 57.1 85.7



#14  
Allyl chloride  
Concen: 51.783 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

Tgt Ion: 41 Resp: 206486  
Ion Ratio Lower Upper  
41 100  
39 69.7 55.8 83.6  
76 30.4 24.3 36.5

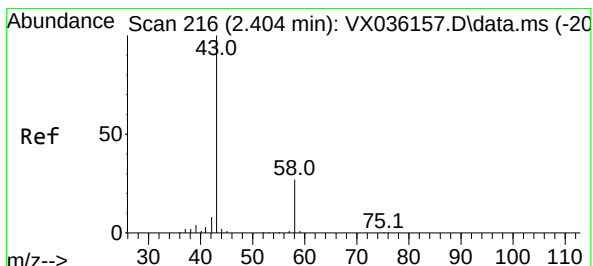
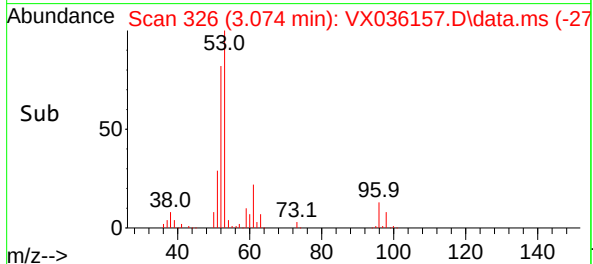
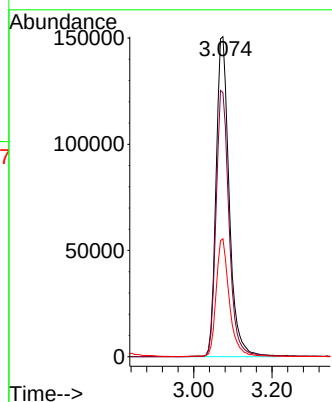
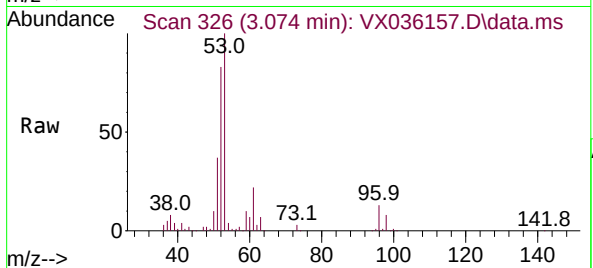




#15  
Acrylonitrile  
Concen: 257.448 ug/l  
RT: 3.074 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

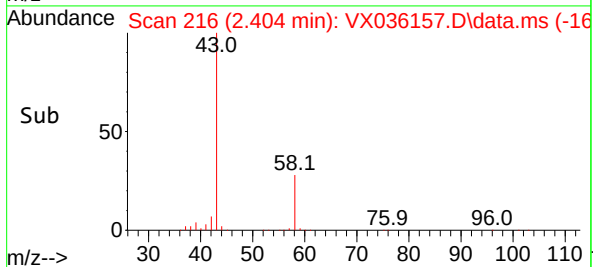
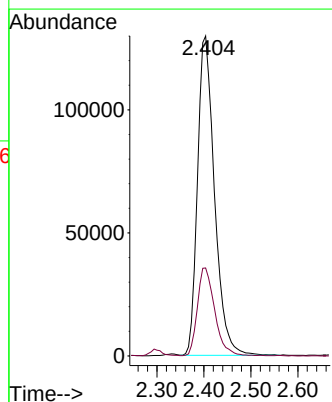
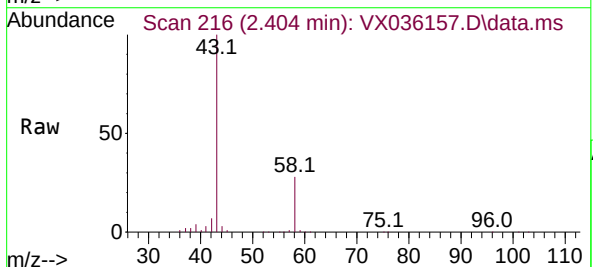
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

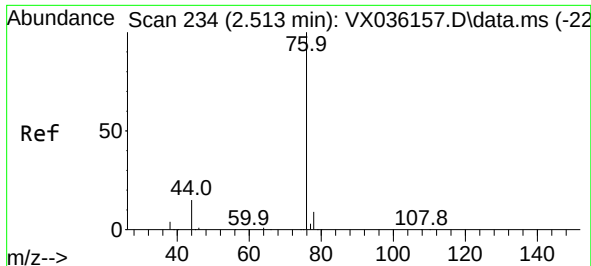
Tgt Ion: 53 Resp: 350481  
Ion Ratio Lower Upper  
53 100  
52 82.5 66.0 99.0  
51 37.2 29.8 44.6



#16  
Acetone  
Concen: 245.008 ug/l  
RT: 2.404 min Scan# 216  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

Tgt Ion: 43 Resp: 326483  
Ion Ratio Lower Upper  
43 100  
58 27.4 21.9 32.9





#17

Carbon Disulfide

Concen: 49.792 ug/l

RT: 2.513 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA\_X

ClientSampleId :

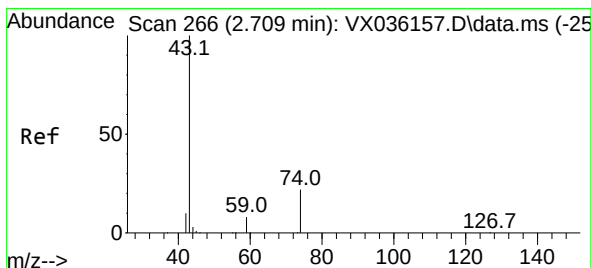
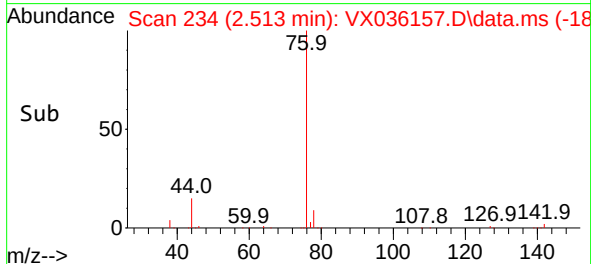
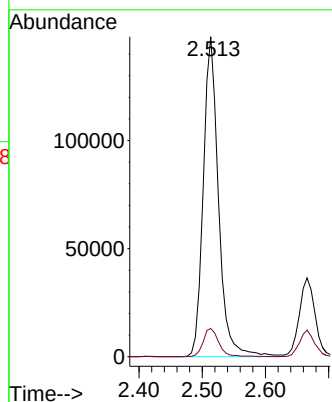
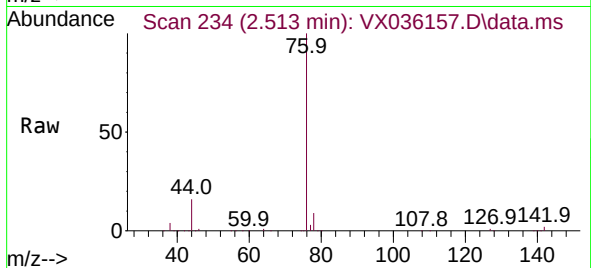
VSTDICCC050

Tgt Ion: 76 Resp: 248362

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



#18

Methyl Acetate

Concen: 49.406 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX036157.D

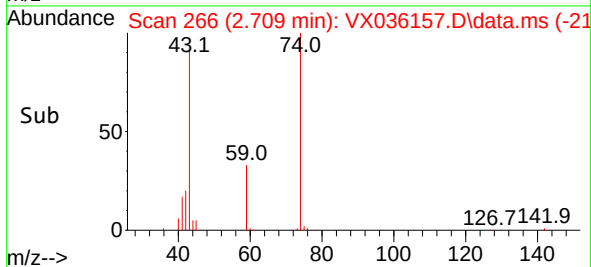
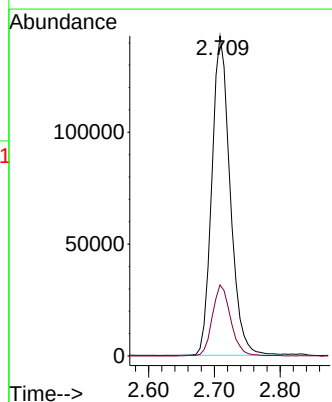
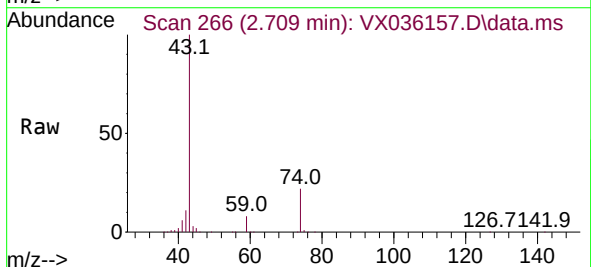
Acq: 14 Jun 2023 15:36

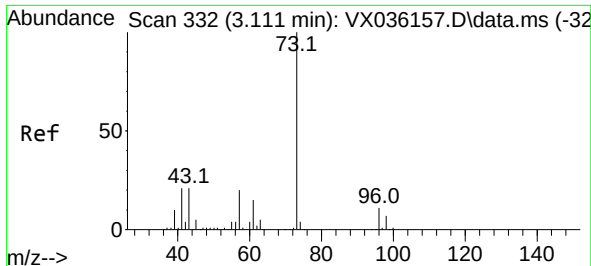
Tgt Ion: 43 Resp: 276747

Ion Ratio Lower Upper

43 100

74 22.3 17.8 26.8

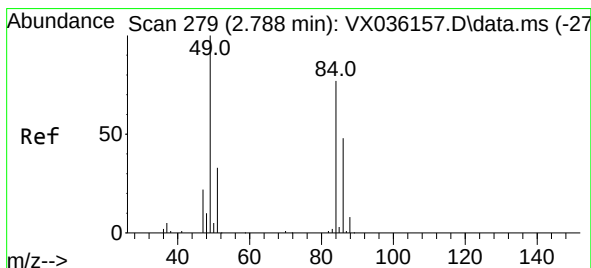
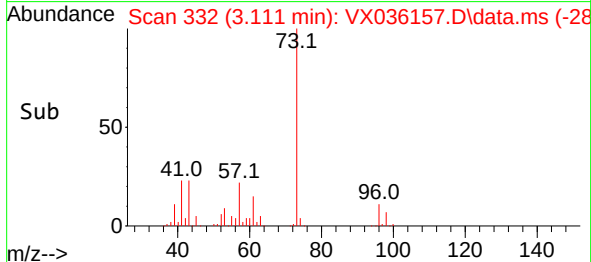
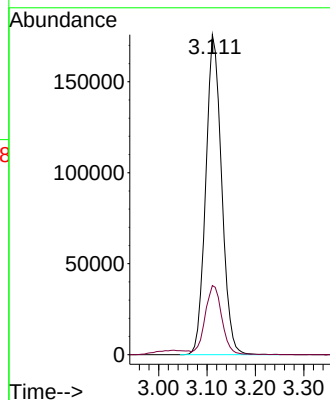
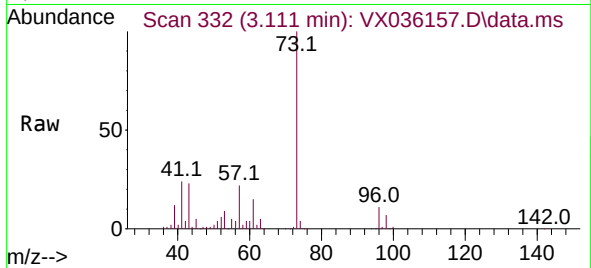




#19  
Methyl tert-butyl Ether  
Concen: 51.555 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

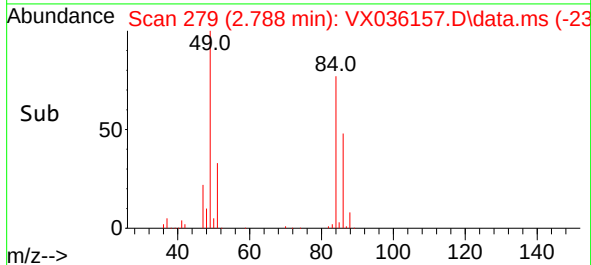
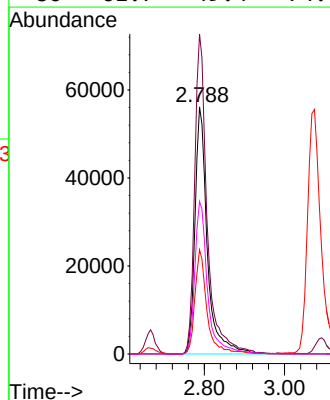
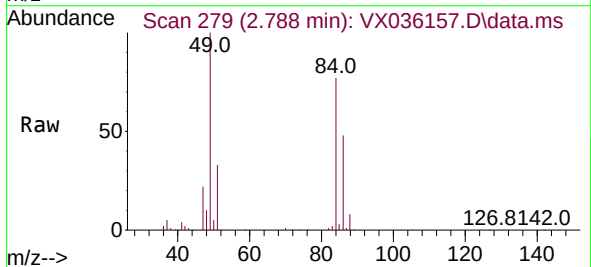
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

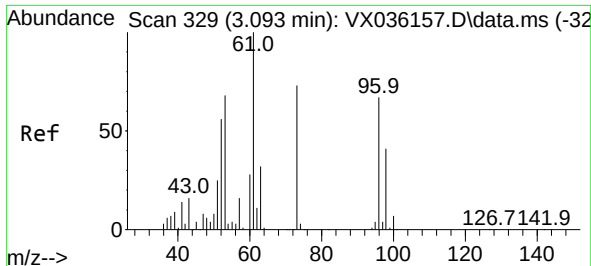
Tgt Ion: 73 Resp: 400912  
Ion Ratio Lower Upper  
73 100  
57 21.6 17.3 25.9



#20  
Methylene Chloride  
Concen: 48.962 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

Tgt Ion: 84 Resp: 120783  
Ion Ratio Lower Upper  
84 100  
49 129.5 103.6 155.4  
51 42.2 33.8 50.6  
86 61.7 49.4 74.0

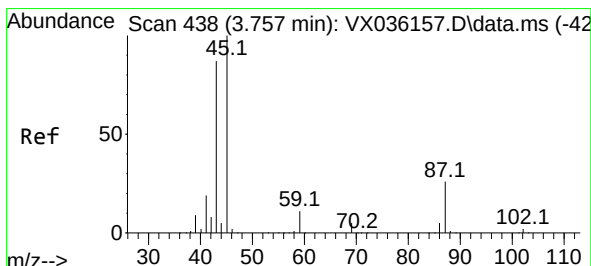
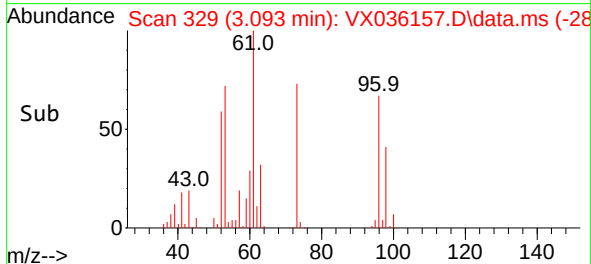
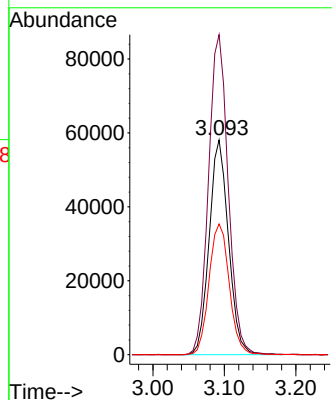
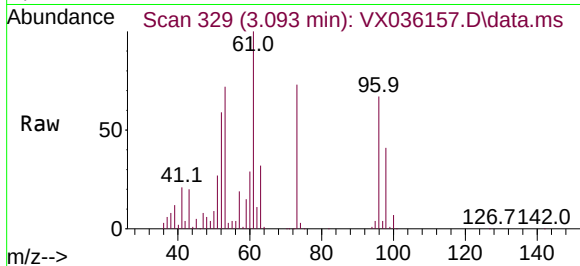




#21  
trans-1,2-Dichloroethene  
Concen: 48.761 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

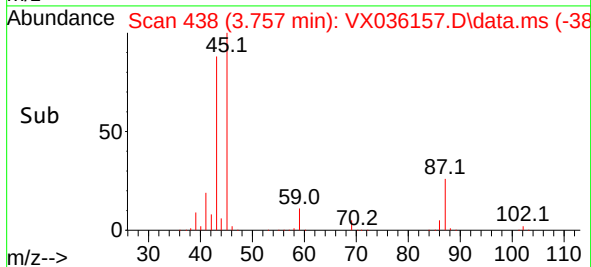
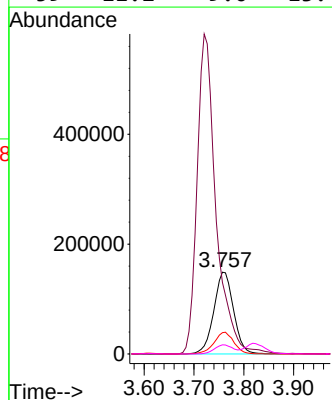
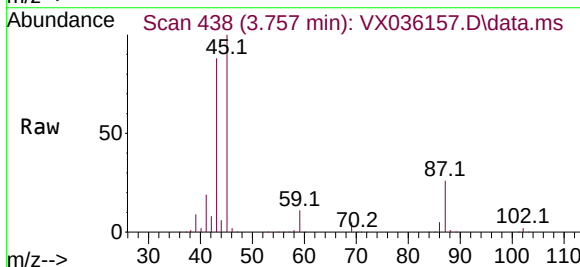
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

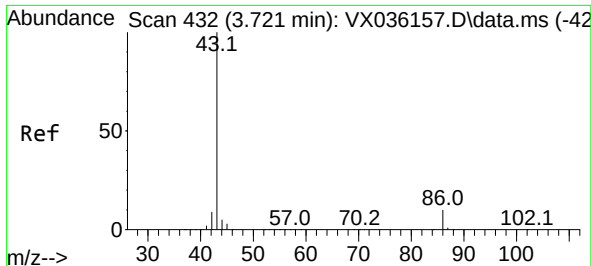
Tgt Ion: 96 Resp: 109005  
Ion Ratio Lower Upper  
96 100  
61 149.0 119.2 178.8  
98 60.9 48.7 73.1



#22  
Diisopropyl ether  
Concen: 52.116 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

Tgt Ion: 45 Resp: 408980  
Ion Ratio Lower Upper  
45 100  
43 87.1 69.7 104.5  
87 26.0 20.8 31.2  
59 11.2 9.0 13.4

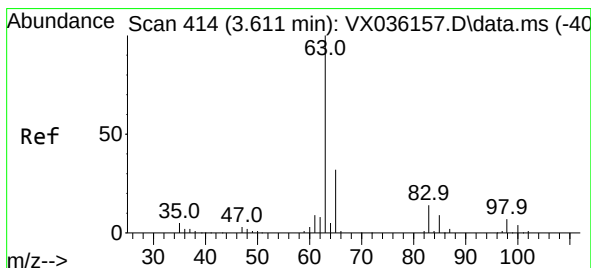
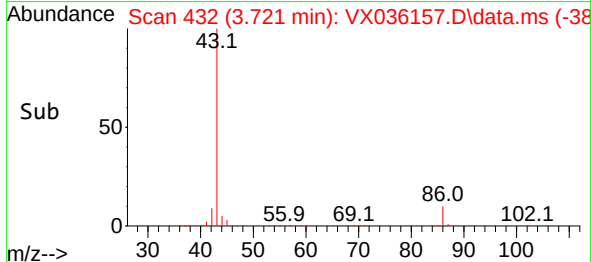
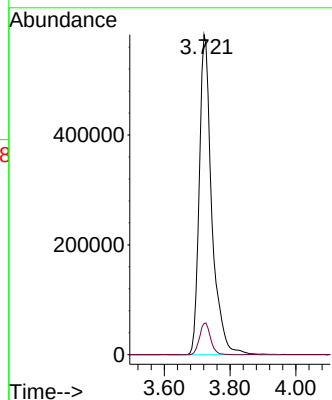
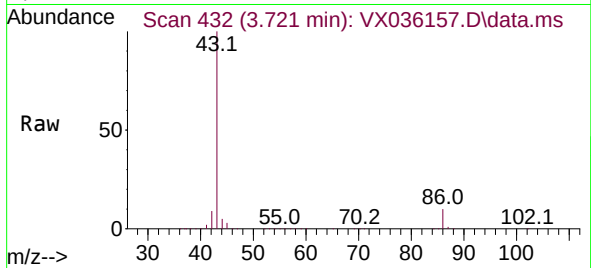




#23  
 Vinyl Acetate  
 Concen: 268.421 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: VX036157.D  
 Acq: 14 Jun 2023 15:36

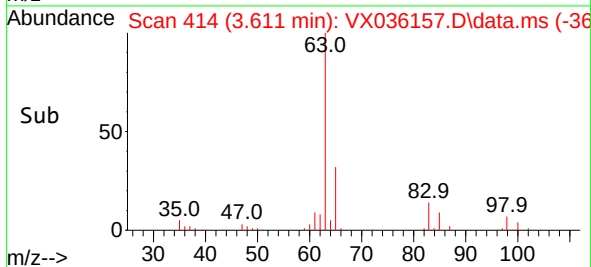
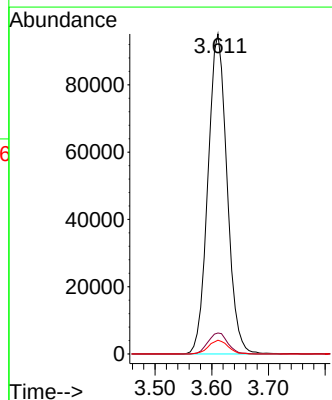
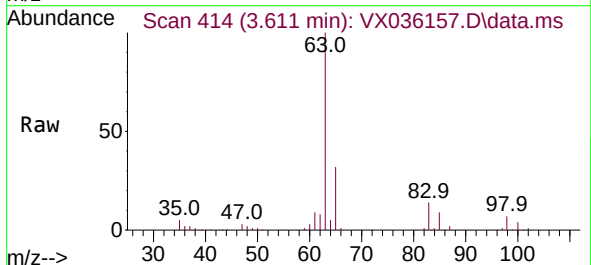
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

Tgt Ion: 43 Resp: 1539832  
 Ion Ratio Lower Upper  
 43 100  
 86 9.8 7.8 11.8

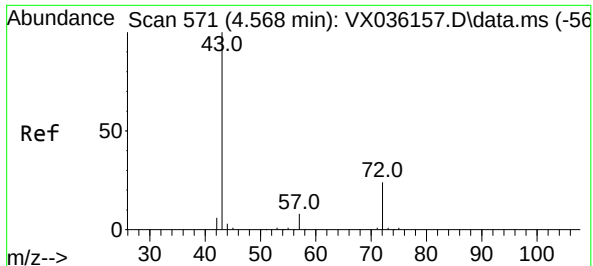


#24  
 1,1-Dichloroethane  
 Concen: 51.391 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: VX036157.D  
 Acq: 14 Jun 2023 15:36

Tgt Ion: 63 Resp: 222494  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.3 9.8  
 100 4.3 2.1 6.5







#25

2-Butanone

Concen: 254.405 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA\_X

ClientSampleId :

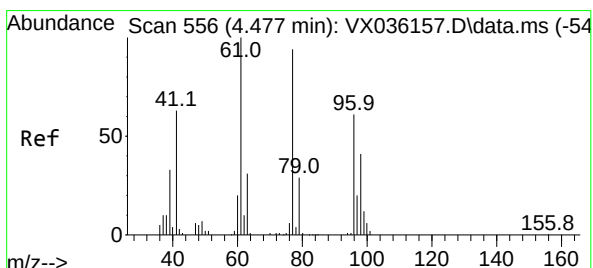
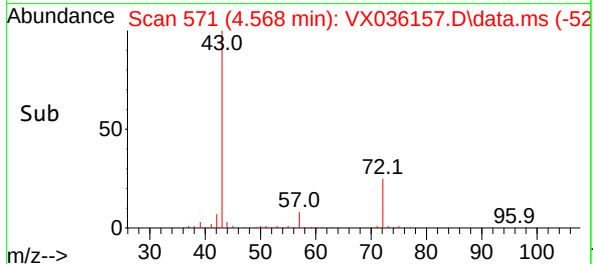
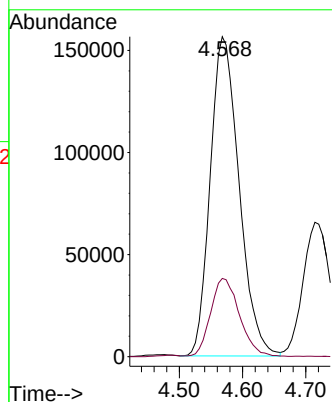
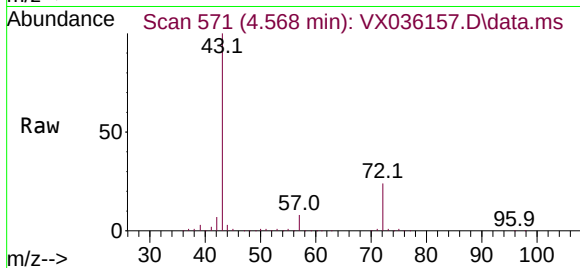
VSTDICCC050

Tgt Ion: 43 Resp: 495272

Ion Ratio Lower Upper

43 100

72 24.3 19.4 29.2



#26

2,2-Dichloropropane

Concen: 51.509 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX036157.D

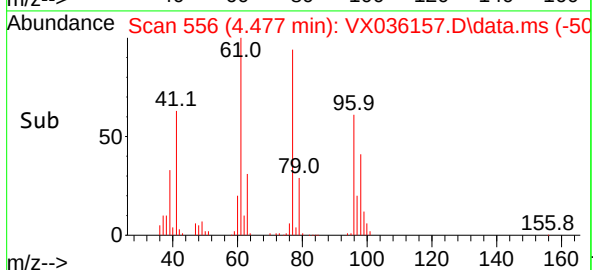
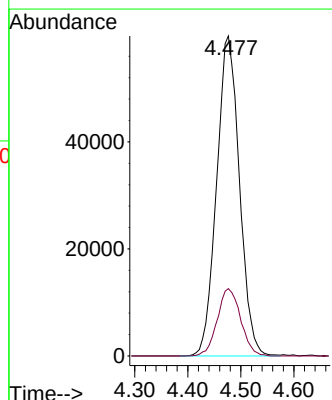
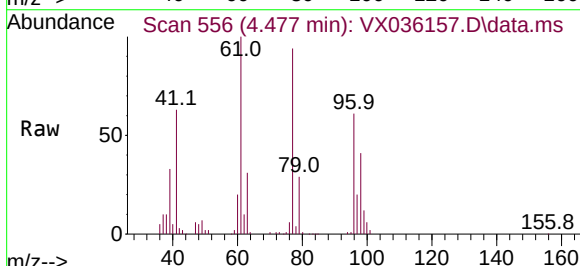
Acq: 14 Jun 2023 15:36

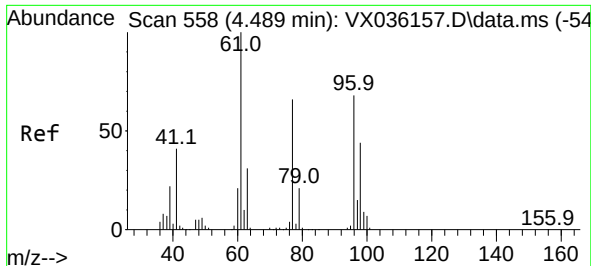
Tgt Ion: 77 Resp: 178473

Ion Ratio Lower Upper

77 100

97 21.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 51.145 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

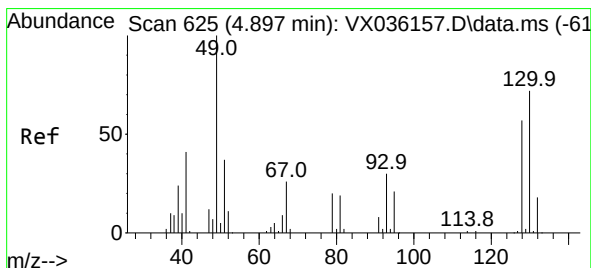
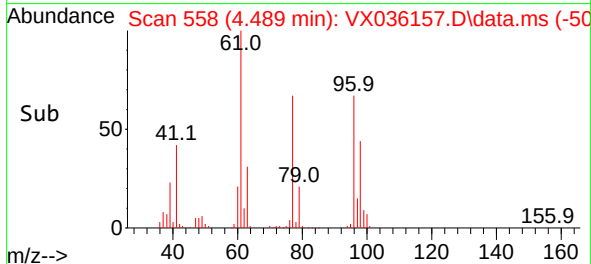
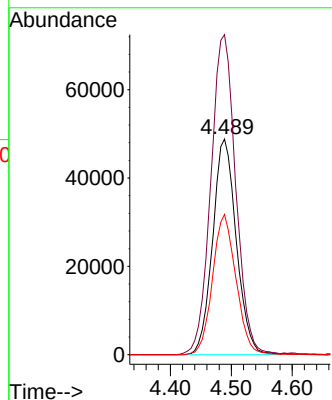
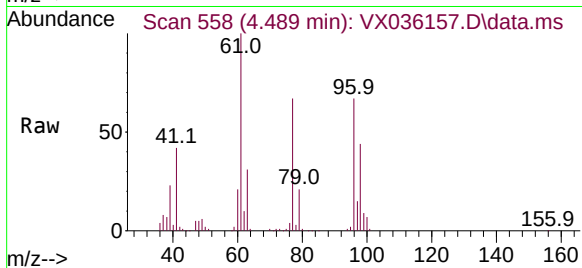
Tgt Ion: 96 Resp: 131920

Ion Ratio Lower Upper

96 100

61 156.1 0.0 312.2

98 64.5 0.0 129.0



#28

Bromochloromethane

Concen: 52.430 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

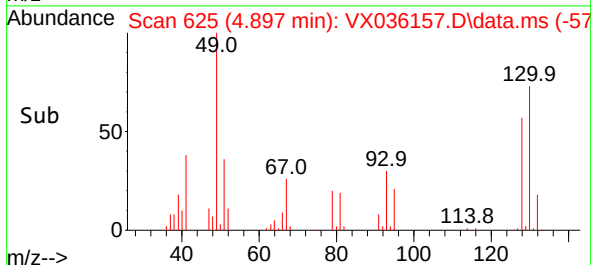
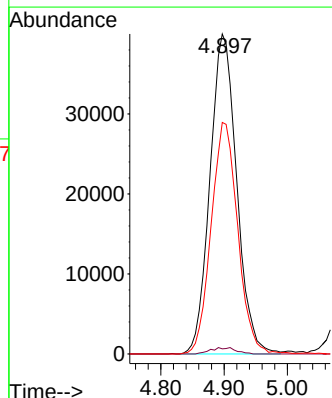
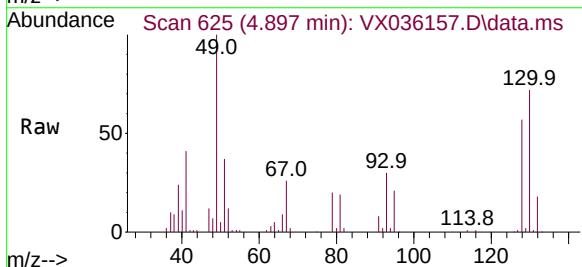
Tgt Ion: 49 Resp: 117485

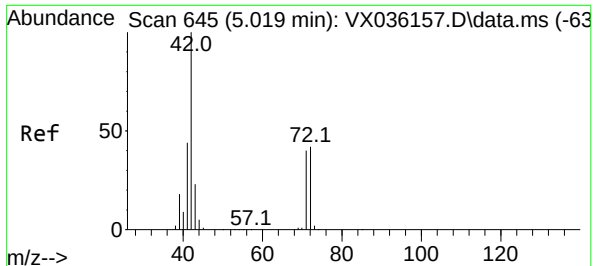
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 71.9 57.5 86.3





#29

Tetrahydrofuran

Concen: 258.020 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

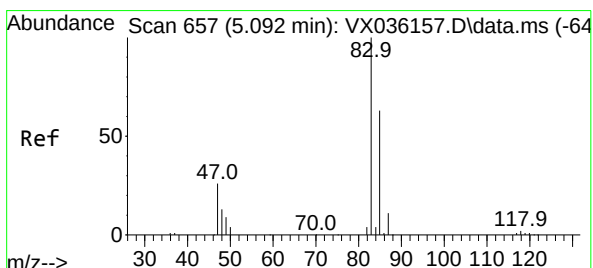
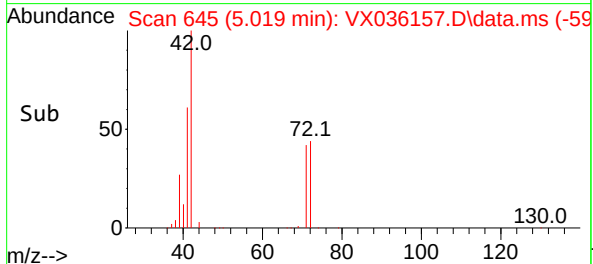
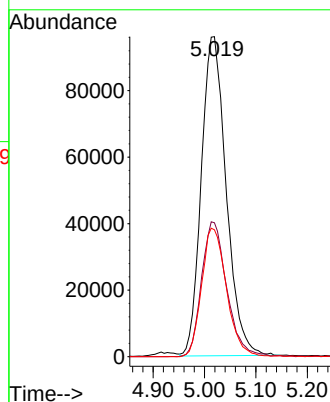
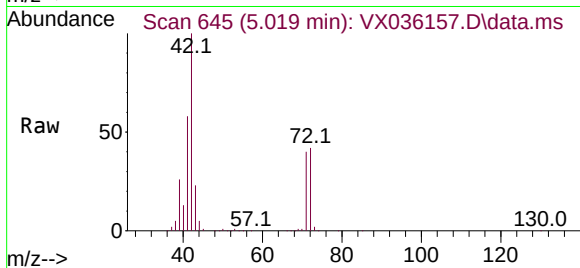
Tgt Ion: 42 Resp: 323128

Ion Ratio Lower Upper

42 100

72 42.8 34.2 51.4

71 40.2 32.2 48.2



#30

Chloroform

Concen: 50.953 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX036157.D

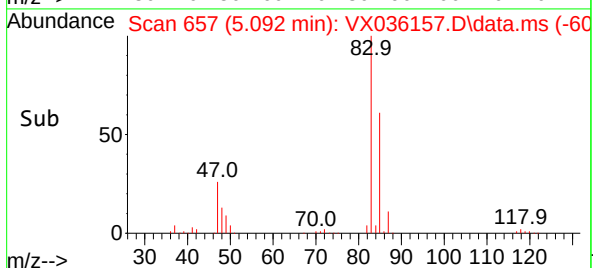
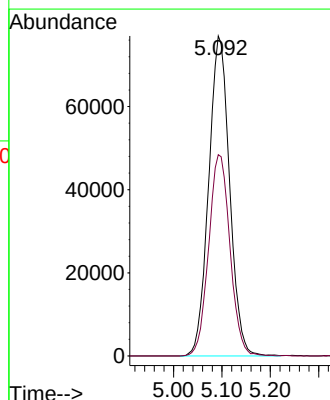
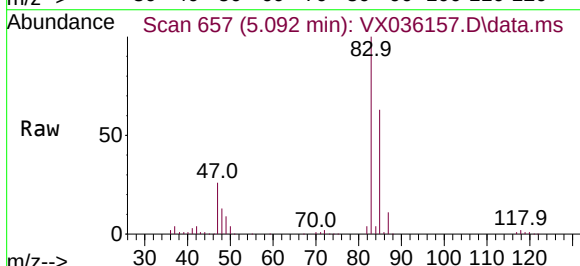
Acq: 14 Jun 2023 15:36

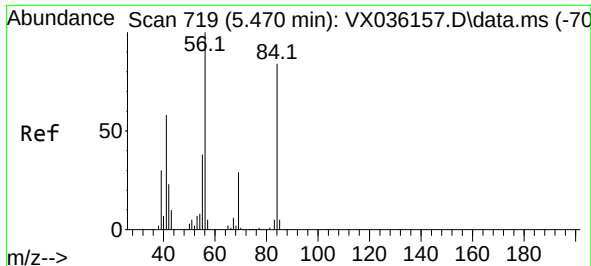
Tgt Ion: 83 Resp: 230992

Ion Ratio Lower Upper

83 100

85 62.9 50.3 75.5

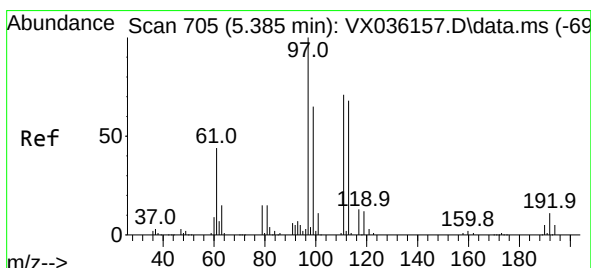
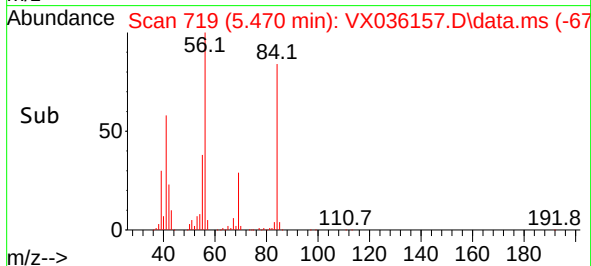
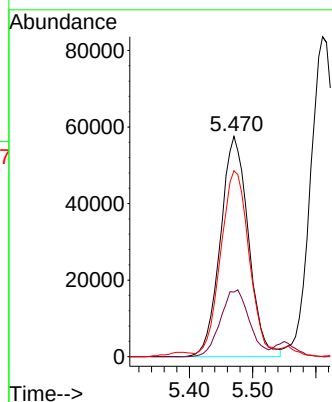
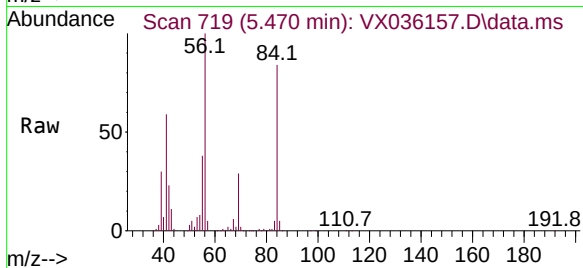




#31  
Cyclohexane  
Concen: 51.105 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

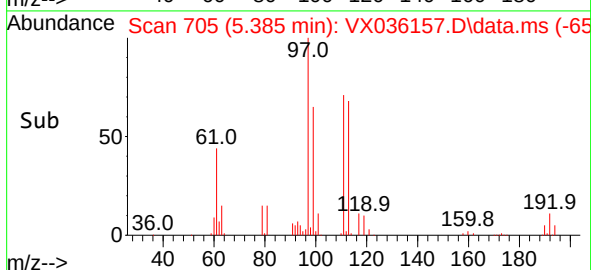
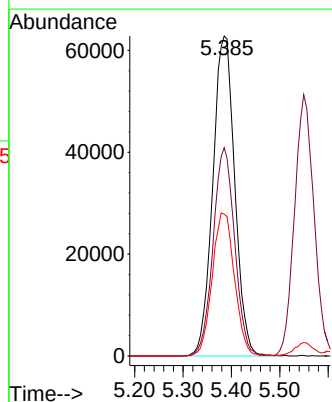
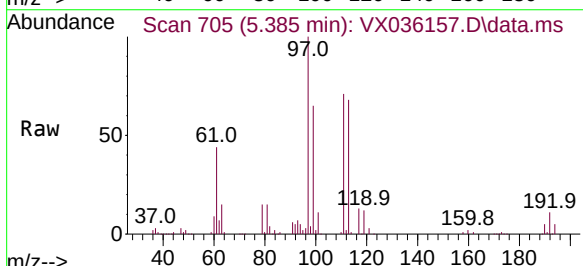
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

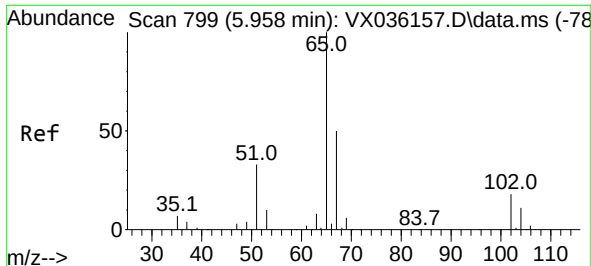
Tgt Ion: 56 Resp: 176840  
Ion Ratio Lower Upper  
56 100  
69 29.3 23.4 35.2  
84 82.4 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 51.603 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

Tgt Ion: 97 Resp: 197733  
Ion Ratio Lower Upper  
97 100  
99 63.9 51.1 76.7  
61 45.5 36.4 54.6

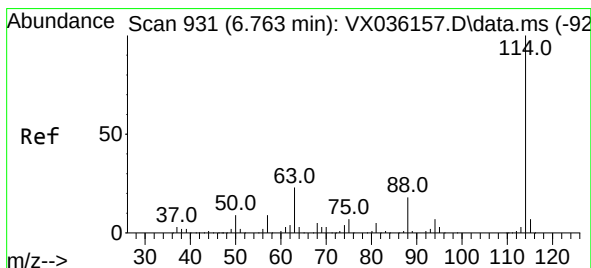
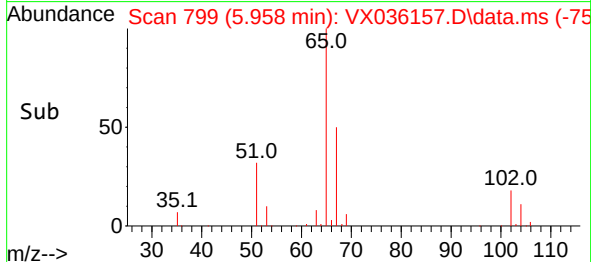
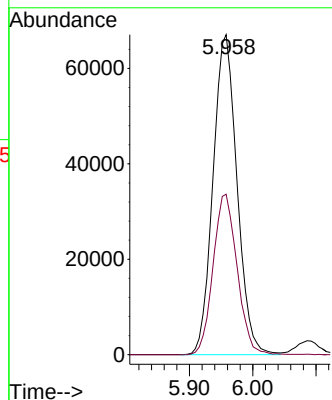
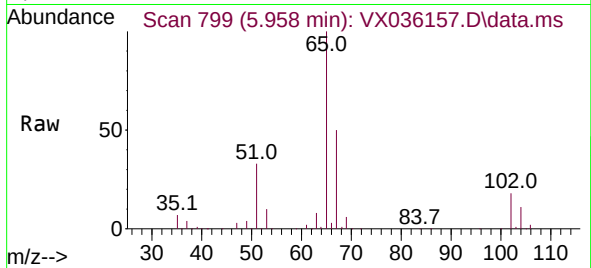




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.871 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. -0.000 min  
 Lab File: VX036157.D  
 Acq: 14 Jun 2023 15:36

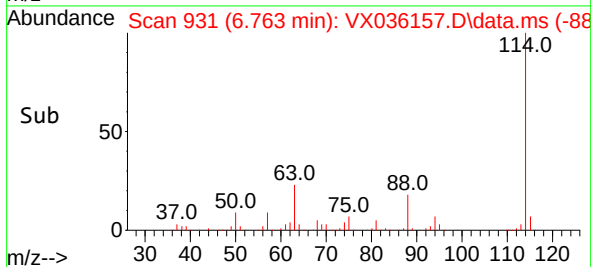
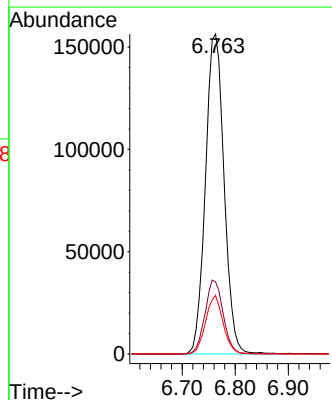
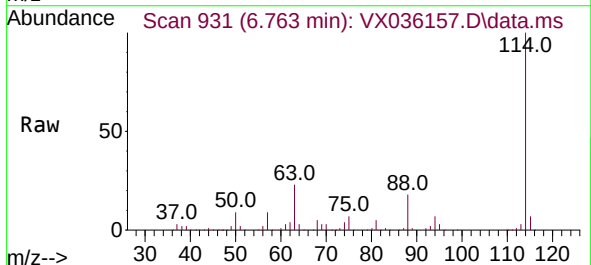
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

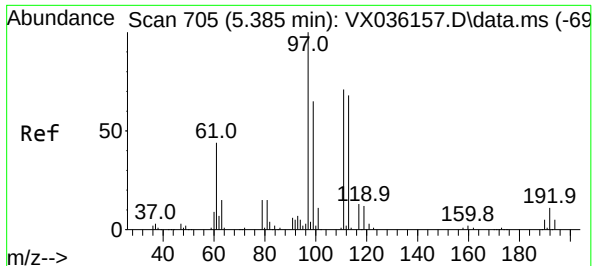
Tgt Ion: 65 Resp: 176706  
 Ion Ratio Lower Upper  
 65 100  
 67 50.1 0.0 100.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. -0.000 min  
 Lab File: VX036157.D  
 Acq: 14 Jun 2023 15:36

Tgt Ion: 114 Resp: 381242  
 Ion Ratio Lower Upper  
 114 100  
 63 22.5 0.0 45.0  
 88 18.3 0.0 36.6

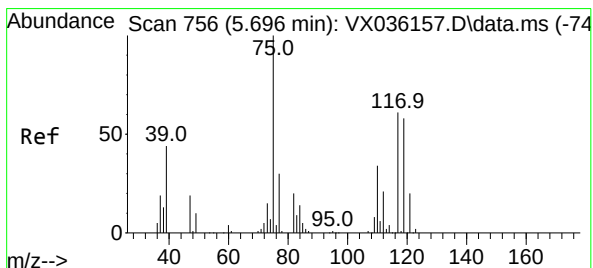
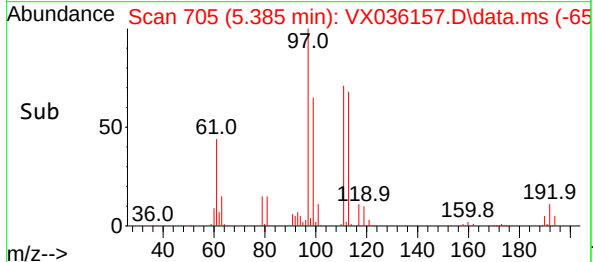
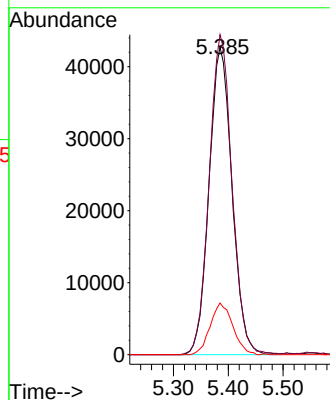
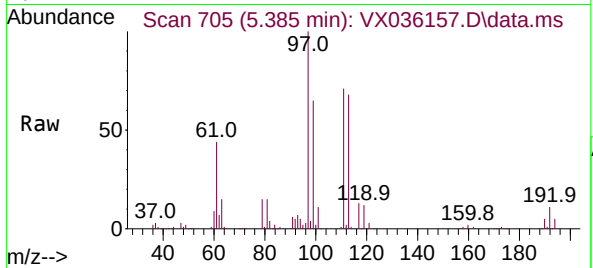




#35  
Dibromofluoromethane  
Concen: 48.458 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

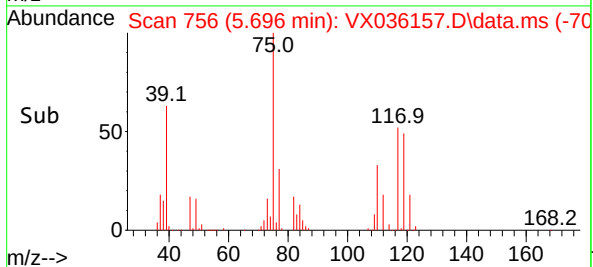
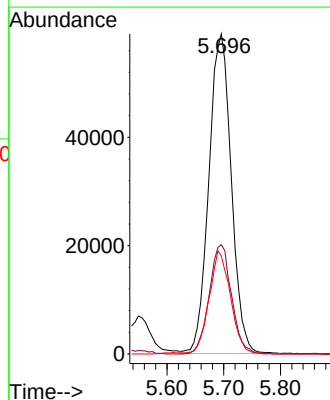
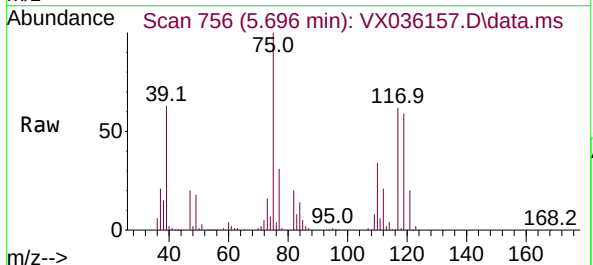
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

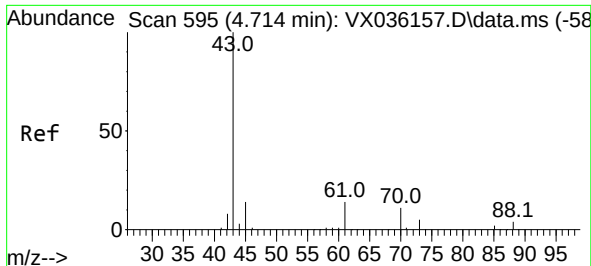
Tgt Ion:113 Resp: 124211  
Ion Ratio Lower Upper  
113 100  
111 103.6 82.9 124.3  
192 16.6 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 49.411 ug/l  
RT: 5.696 min Scan# 756  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

Tgt Ion: 75 Resp: 162074  
Ion Ratio Lower Upper  
75 100  
110 33.9 17.0 50.9  
77 30.9 24.7 37.1





#37

Ethyl Acetate

Concen: 50.067 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

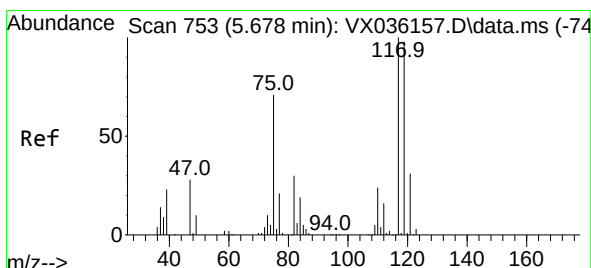
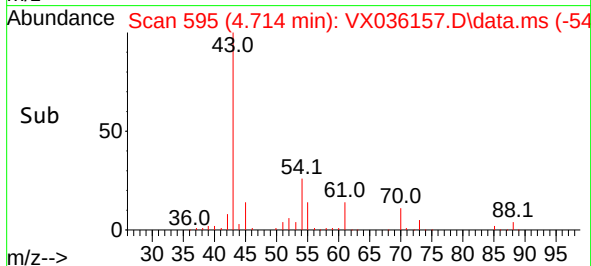
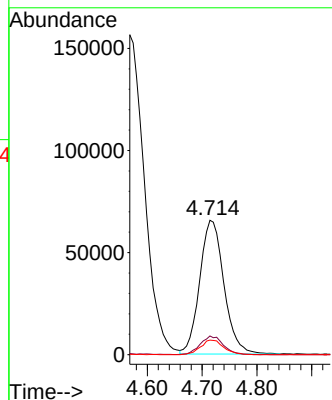
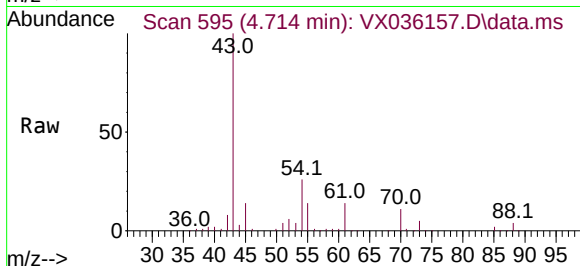
Tgt Ion: 43 Resp: 201690

Ion Ratio Lower Upper

43 100

61 13.3 10.6 16.0

70 10.4 8.3 12.5



#38

Carbon Tetrachloride

Concen: 51.399 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

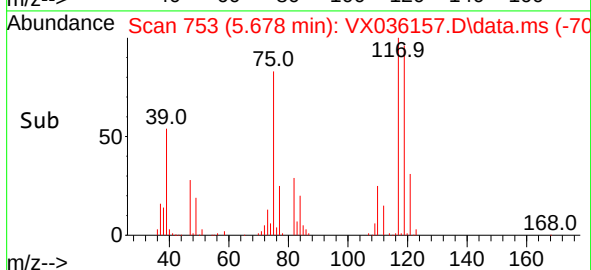
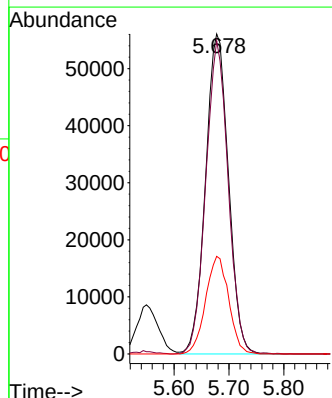
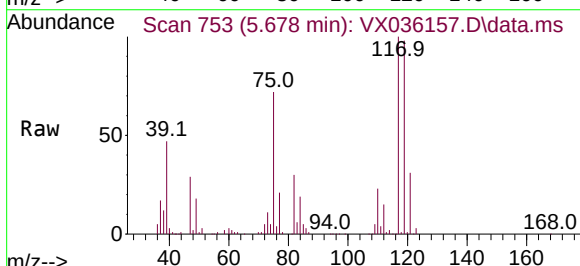
Tgt Ion: 117 Resp: 162755

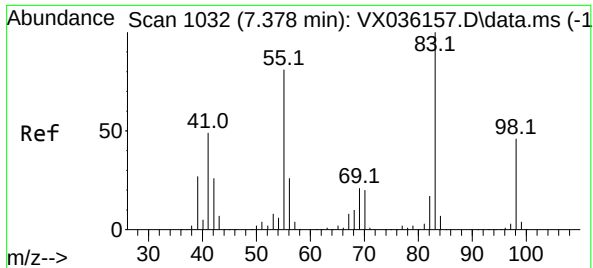
Ion Ratio Lower Upper

117 100

119 97.7 78.2 117.2

121 30.5 24.4 36.6

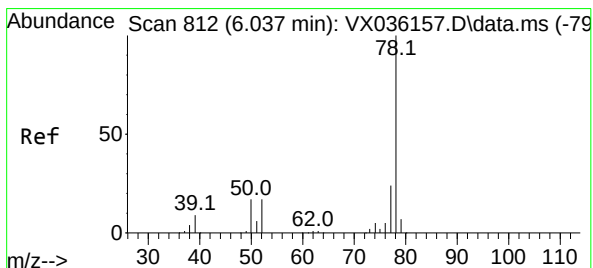
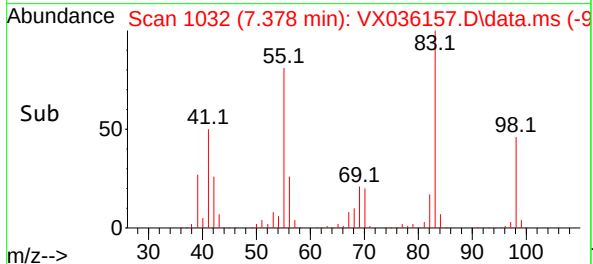
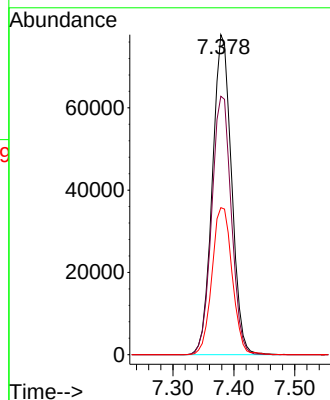
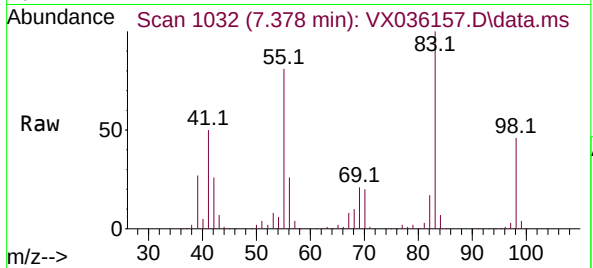




#39  
Methylcyclohexane  
Concen: 48.887 ug/l  
RT: 7.378 min Scan# 1032  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

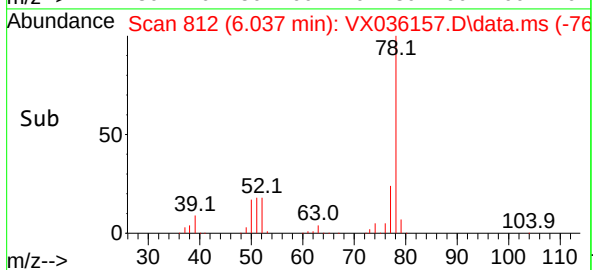
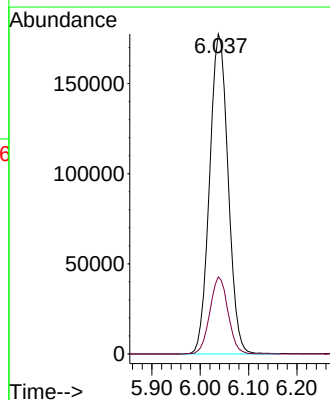
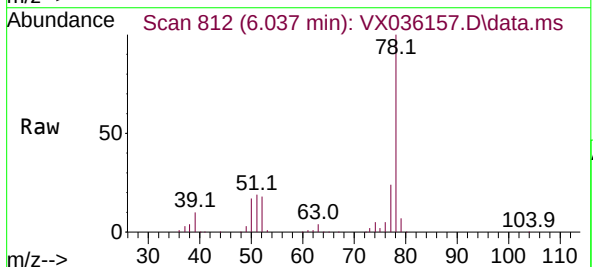
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

Tgt Ion: 83 Resp: 170316  
Ion Ratio Lower Upper  
83 100  
55 80.8 64.6 97.0  
98 45.9 36.7 55.1

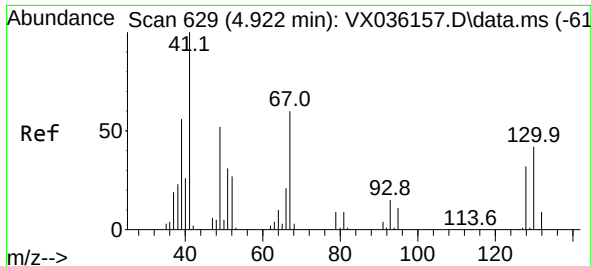


#40  
Benzene  
Concen: 50.279 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

Tgt Ion: 78 Resp: 473292  
Ion Ratio Lower Upper  
78 100  
77 24.1 19.3 28.9





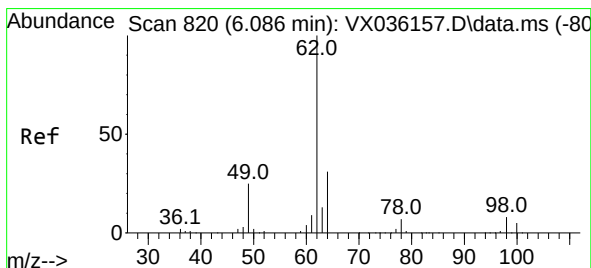
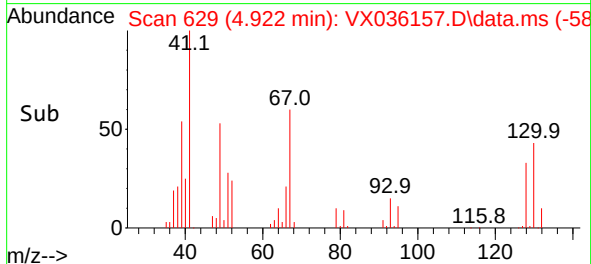
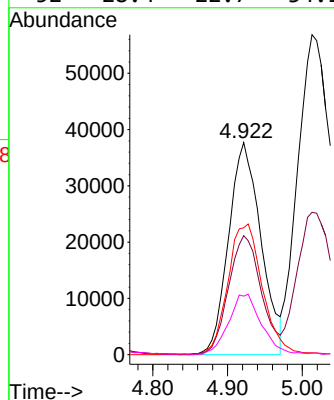
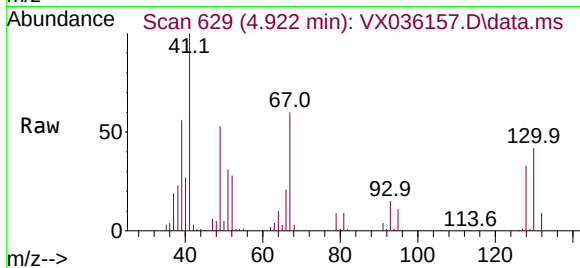


#41  
Methacrylonitrile  
Concen: 50.613 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

Tgt Ion: 41 Resp: 113692

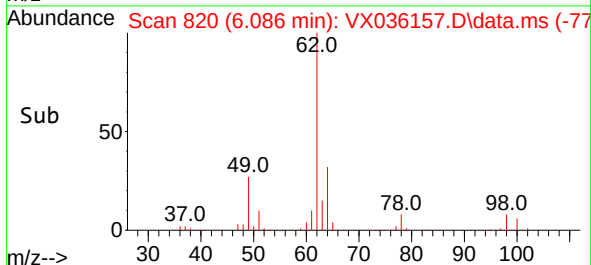
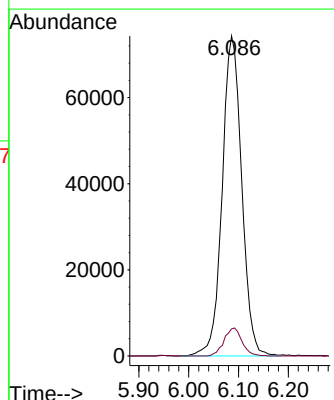
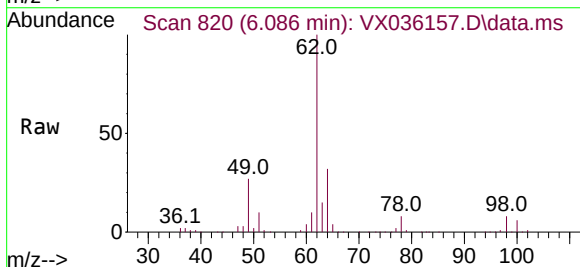
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 56.5  | 45.2  | 67.8  |
| 67  | 65.7  | 52.6  | 78.8  |
| 52  | 28.4  | 22.7  | 34.1  |

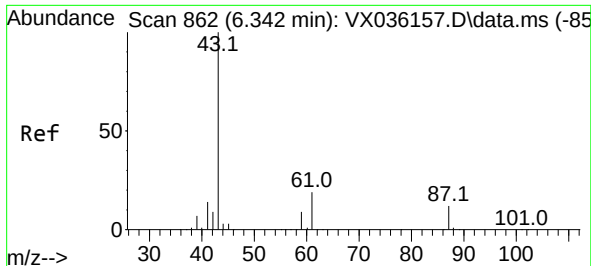


#42  
1,2-Dichloroethane  
Concen: 49.763 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

Tgt Ion: 62 Resp: 202076

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.0   | 0.0   | 16.0  |





#43

Isopropyl Acetate

Concen: 50.486 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

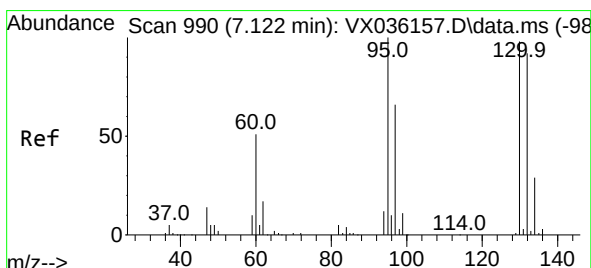
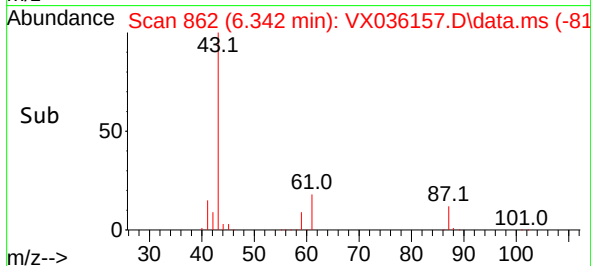
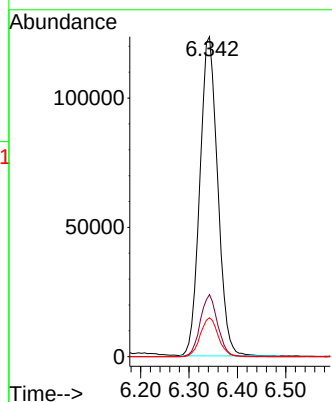
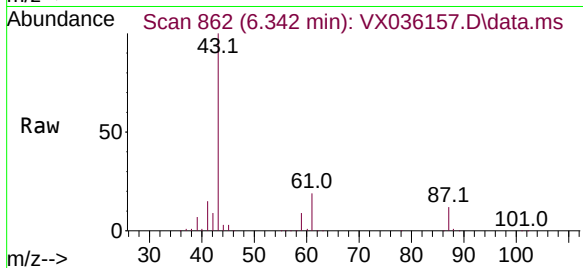
Tgt Ion: 43 Resp: 315411

Ion Ratio Lower Upper

43 100

61 19.0 15.2 22.8

87 12.2 9.8 14.6



#44

Trichloroethene

Concen: 49.446 ug/l

RT: 7.122 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX036157.D

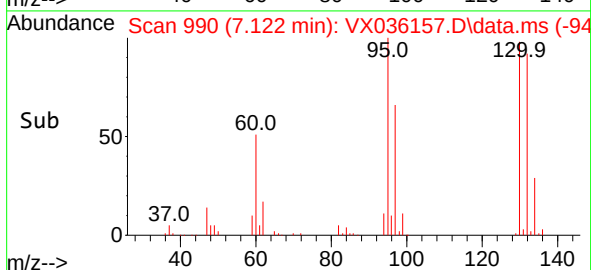
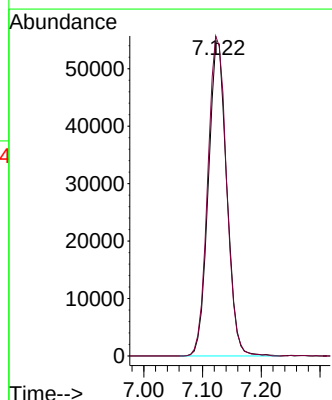
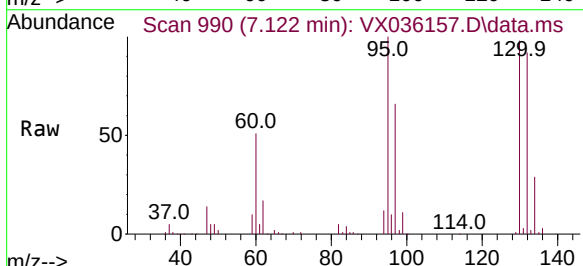
Acq: 14 Jun 2023 15:36

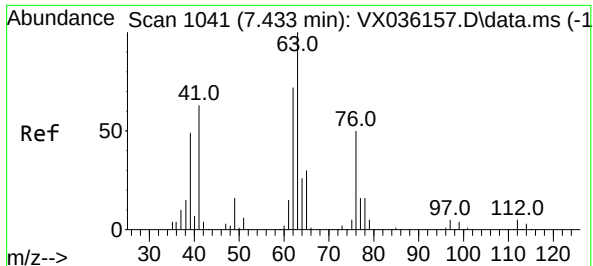
Tgt Ion:130 Resp: 119417

Ion Ratio Lower Upper

130 100

95 102.2 0.0 204.4

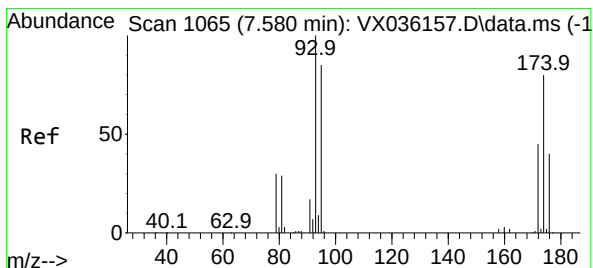
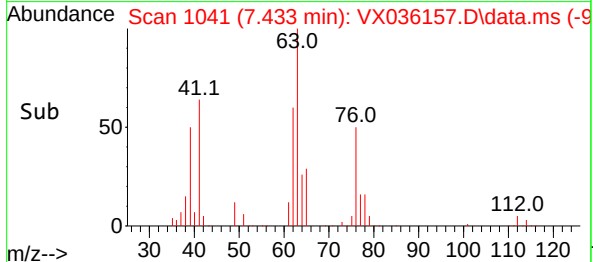
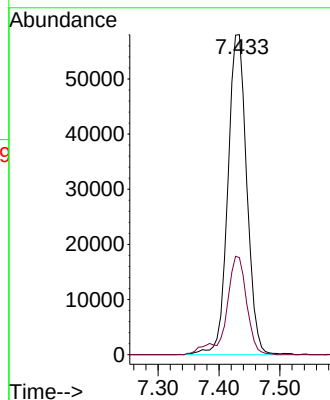
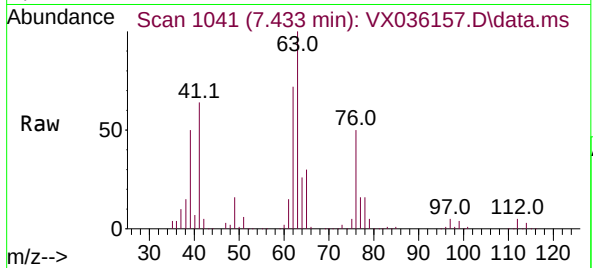




#45  
1,2-Dichloropropane  
Concen: 50.794 ug/l  
RT: 7.433 min Scan# 1041  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

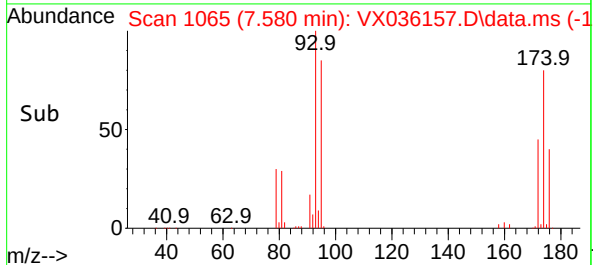
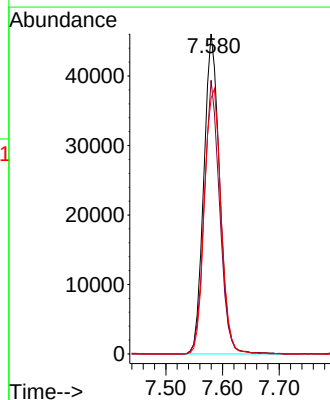
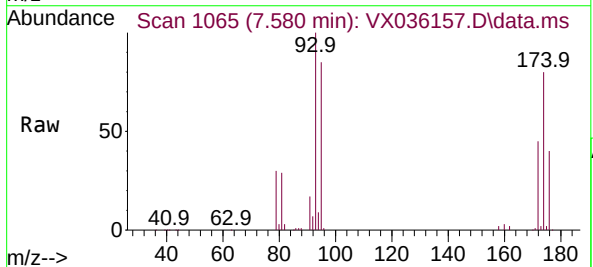
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

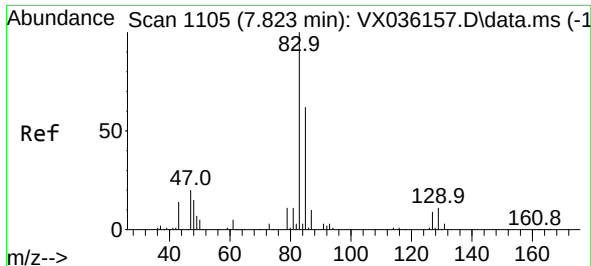
Tgt Ion: 63 Resp: 125168  
Ion Ratio Lower Upper  
63 100  
65 30.4 24.3 36.5



#46  
Dibromomethane  
Concen: 49.705 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

Tgt Ion: 93 Resp: 89440  
Ion Ratio Lower Upper  
93 100  
95 83.3 66.6 100.0  
174 86.7 69.4 104.0

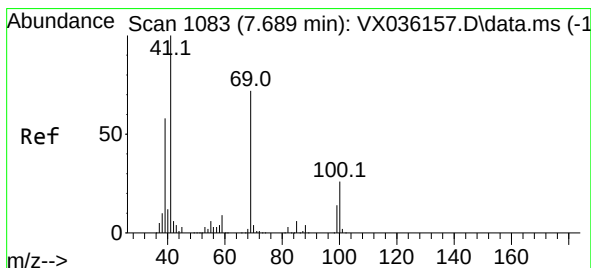
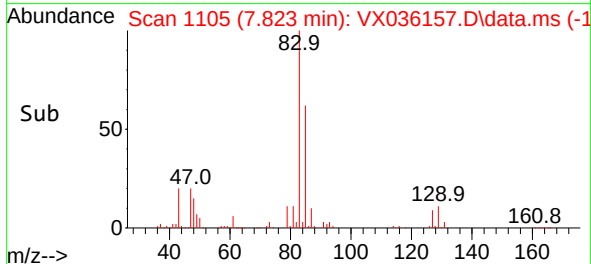
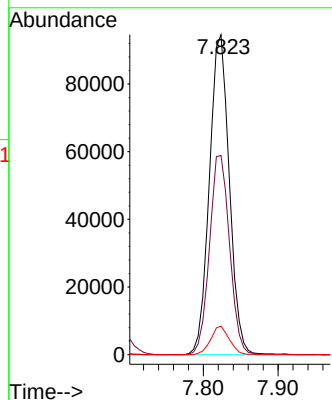
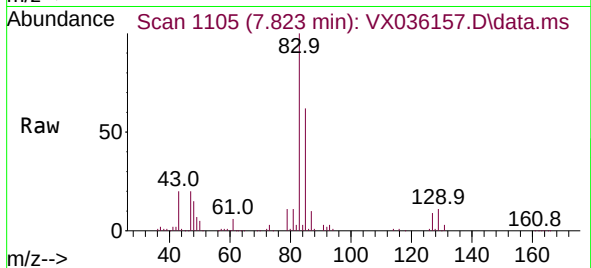




#47  
Bromodichloromethane  
Concen: 52.106 ug/l  
RT: 7.823 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

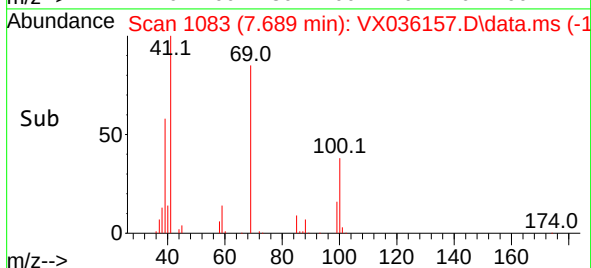
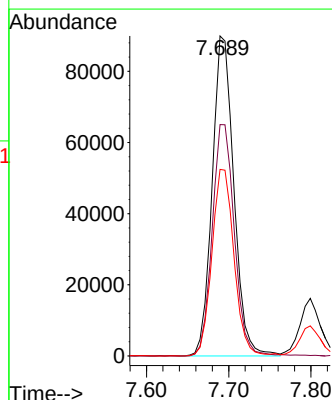
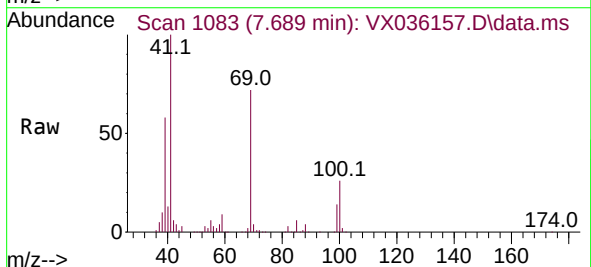
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

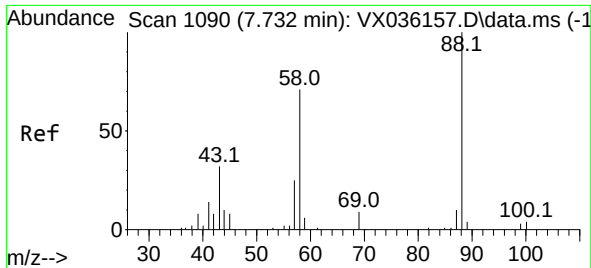
Tgt Ion: 83 Resp: 174864  
Ion Ratio Lower Upper  
83 100  
85 62.2 49.8 74.6  
127 8.9 7.1 10.7



#48  
Methyl methacrylate  
Concen: 52.842 ug/l  
RT: 7.689 min Scan# 1083  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

Tgt Ion: 41 Resp: 164354  
Ion Ratio Lower Upper  
41 100  
69 74.0 59.2 88.8  
39 59.6 47.7 71.5

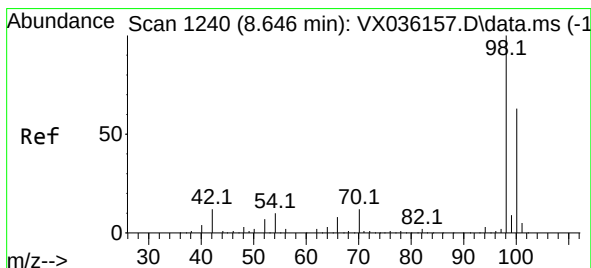
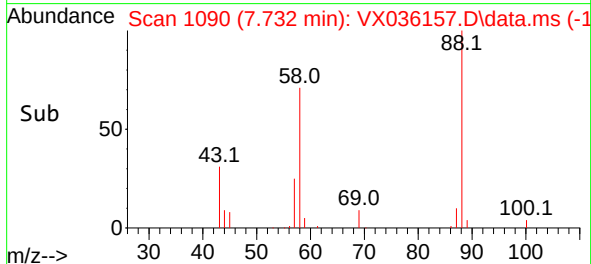
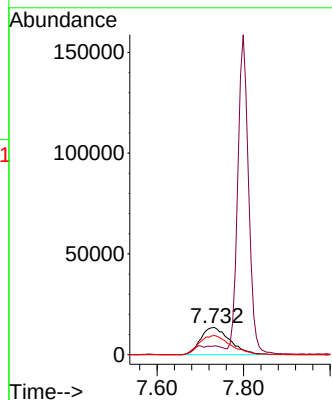
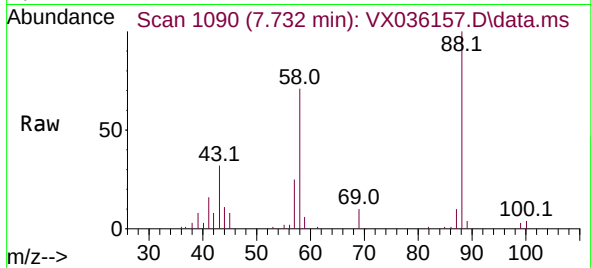




#49  
1,4-Dioxane  
Concen: 1046.564 ug/l  
RT: 7.732 min Scan# 1090  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

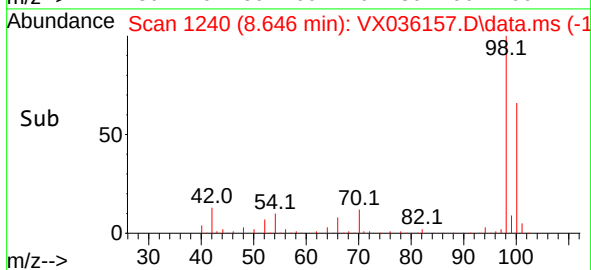
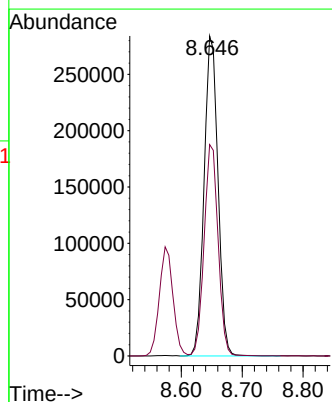
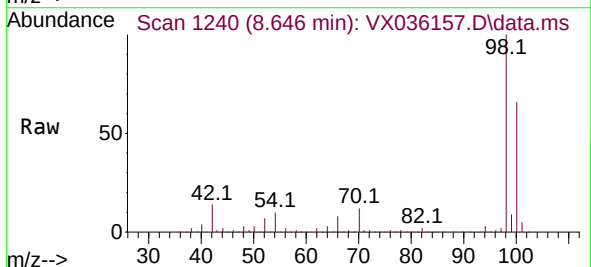
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

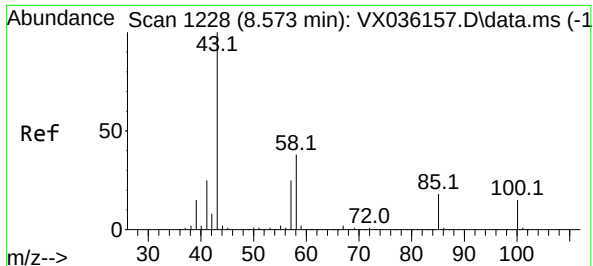
Tgt Ion: 88 Resp: 63685  
Ion Ratio Lower Upper  
88 100  
43 0.0 0.0 0.0  
58 75.1 60.1 90.1



#50  
Toluene-d8  
Concen: 48.913 ug/l  
RT: 8.646 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

Tgt Ion: 98 Resp: 450084  
Ion Ratio Lower Upper  
98 100  
100 66.4 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 261.419 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA\_X

ClientSampleId :

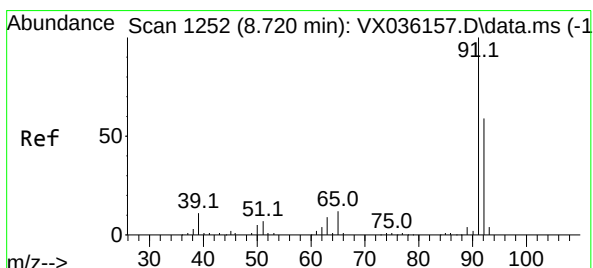
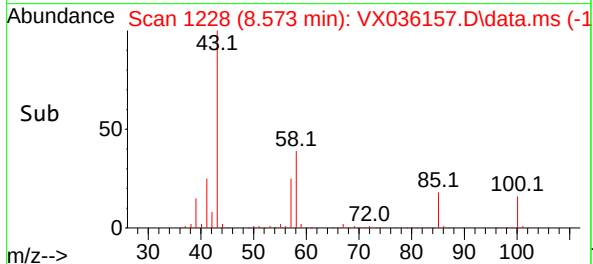
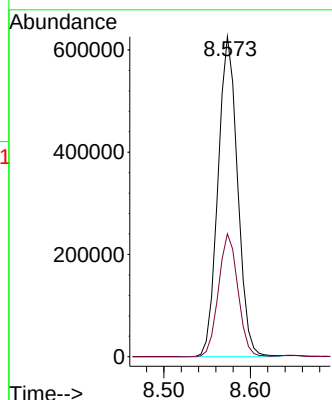
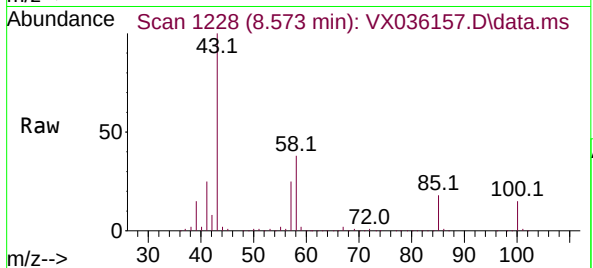
VSTDICCC050

Tgt Ion: 43 Resp: 984603

Ion Ratio Lower Upper

43 100

58 38.0 30.4 45.6



#52

Toluene

Concen: 51.123 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX036157.D

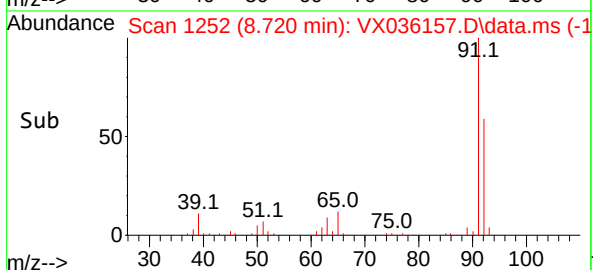
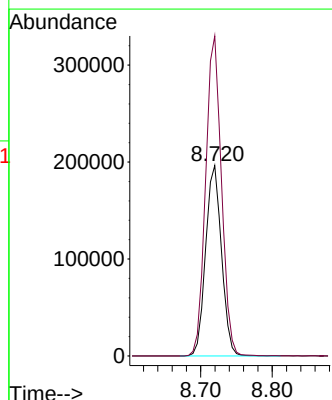
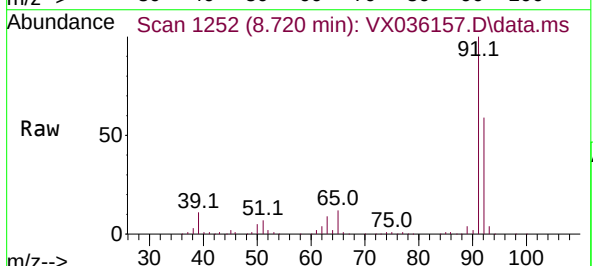
Acq: 14 Jun 2023 15:36

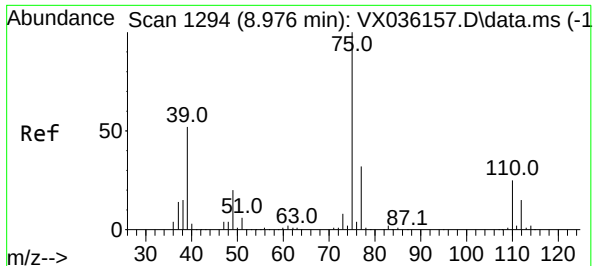
Tgt Ion: 92 Resp: 302589

Ion Ratio Lower Upper

92 100

91 167.7 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 53.164 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA\_X

ClientSampleId :

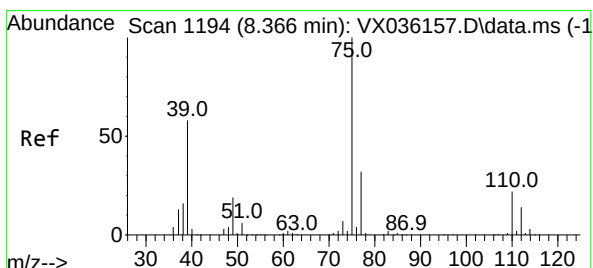
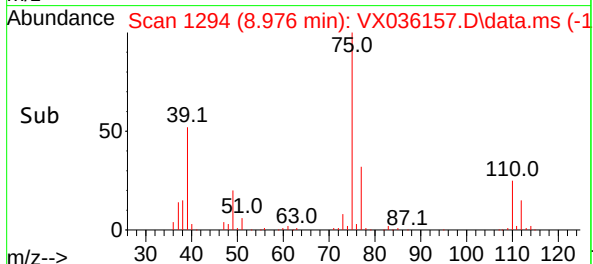
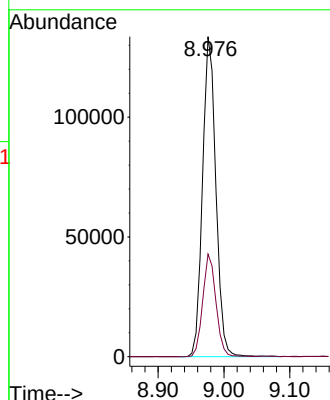
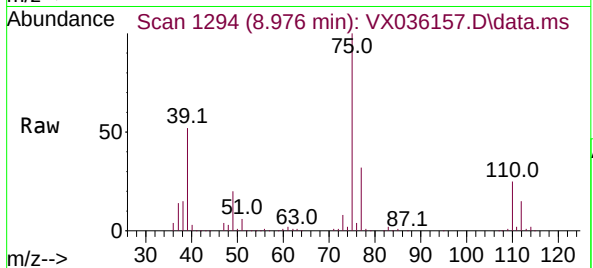
VSTDICCC050

Tgt Ion: 75 Resp: 188630

Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 52.714 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

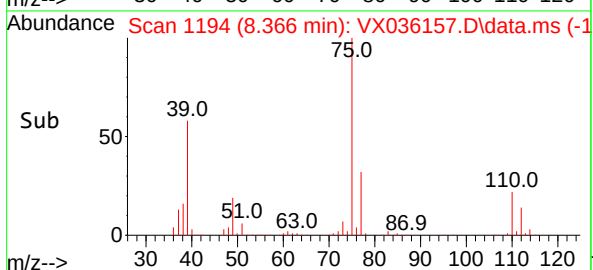
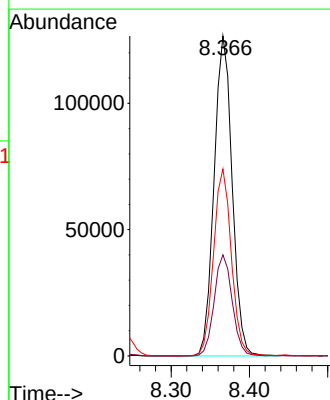
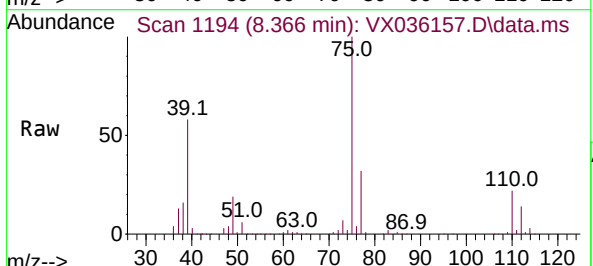
Tgt Ion: 75 Resp: 203031

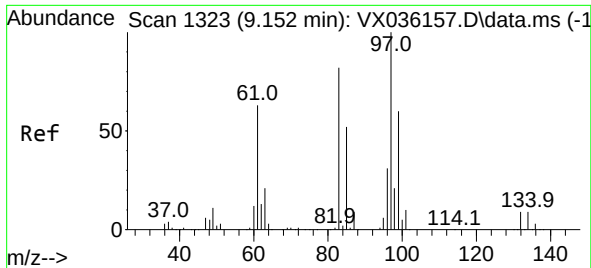
Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

39 58.4 46.7 70.1



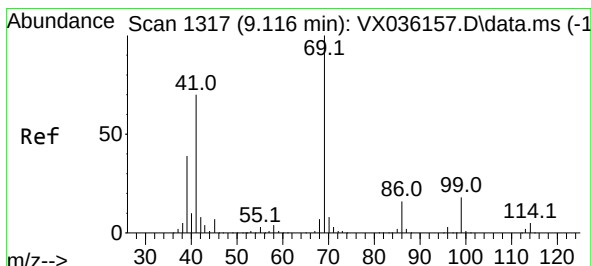
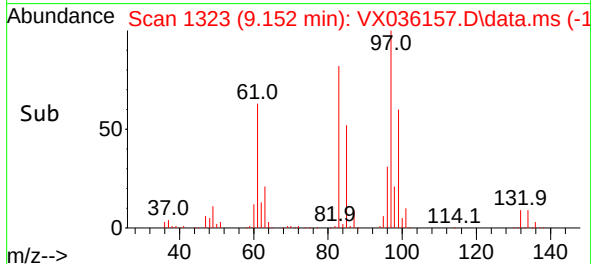
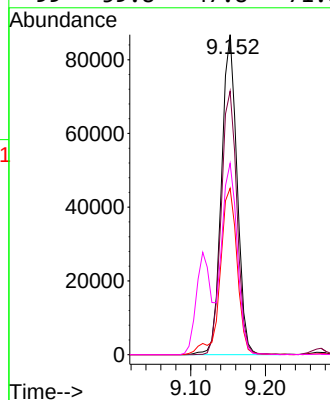
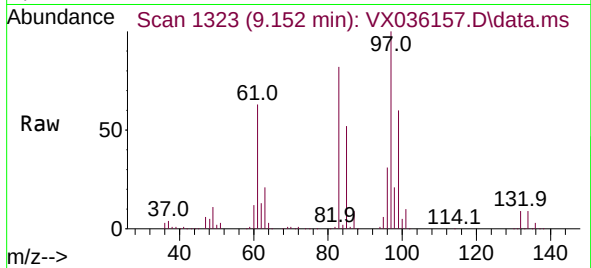


#55  
 1,1,2-Trichloroethane  
 Concen: 50.650 ug/l  
 RT: 9.152 min Scan# 1323  
 Delta R.T. 0.000 min  
 Lab File: VX036157.D  
 Acq: 14 Jun 2023 15:36

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

Tgt Ion: 97 Resp: 125799

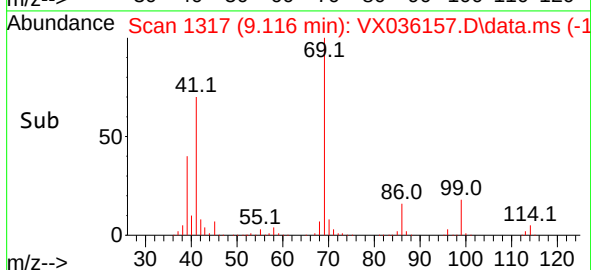
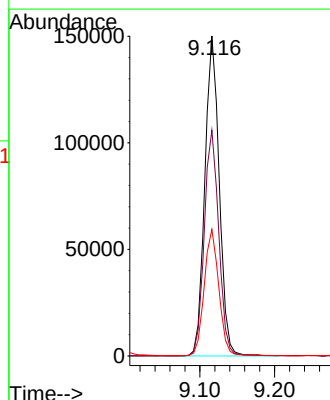
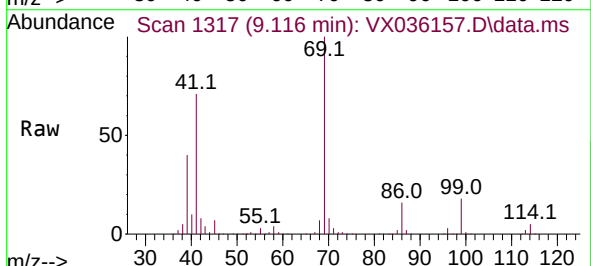
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 82.3  | 65.8  | 98.8  |
| 85  | 52.0  | 41.6  | 62.4  |
| 99  | 59.8  | 47.8  | 71.8  |



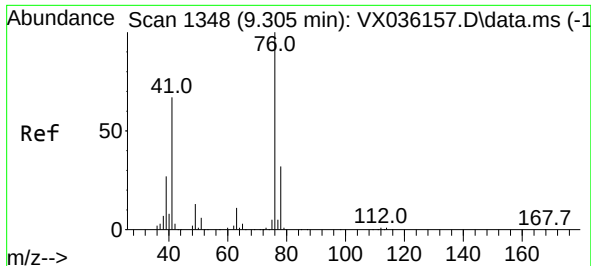
#56  
 Ethyl methacrylate  
 Concen: 52.370 ug/l  
 RT: 9.116 min Scan# 1317  
 Delta R.T. 0.000 min  
 Lab File: VX036157.D  
 Acq: 14 Jun 2023 15:36

Tgt Ion: 69 Resp: 201029

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 71.0  | 56.8  | 85.2  |
| 39  | 40.0  | 32.0  | 48.0  |







#57

1,3-Dichloropropane

Concen: 50.774 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA\_X

ClientSampleId :

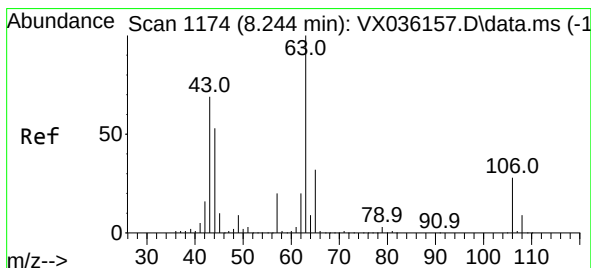
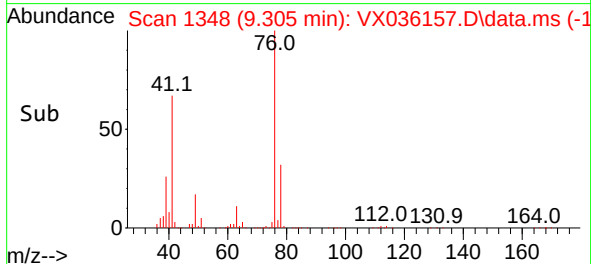
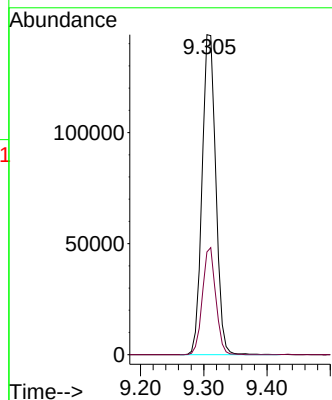
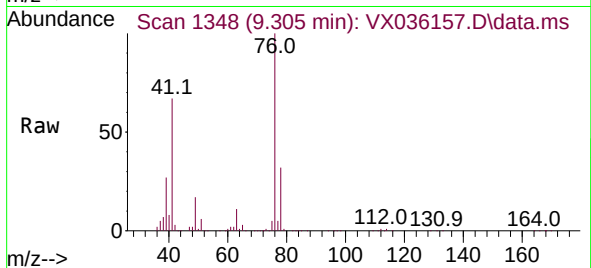
VSTDICCC050

Tgt Ion: 76 Resp: 217794

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 256.579 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX036157.D

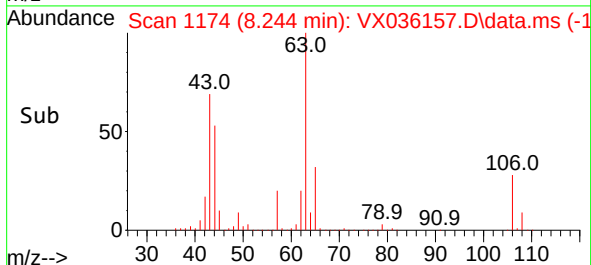
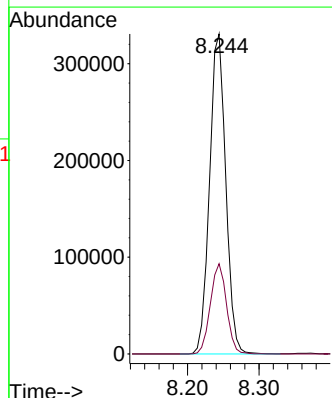
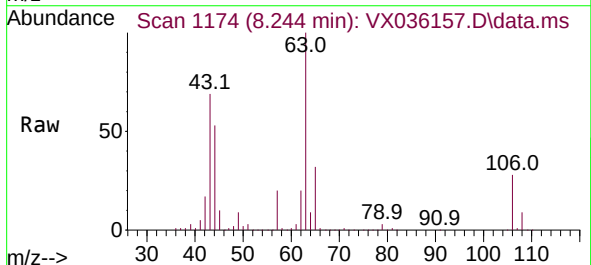
Acq: 14 Jun 2023 15:36

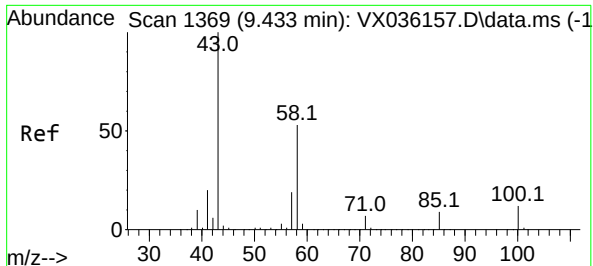
Tgt Ion: 63 Resp: 520008

Ion Ratio Lower Upper

63 100

106 28.1 22.5 33.7

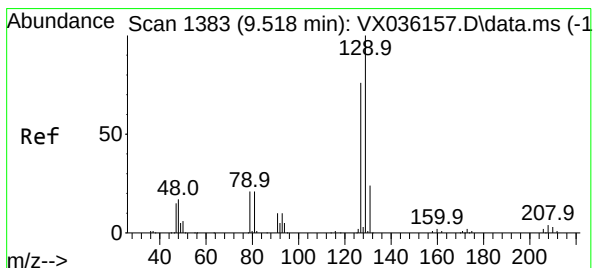
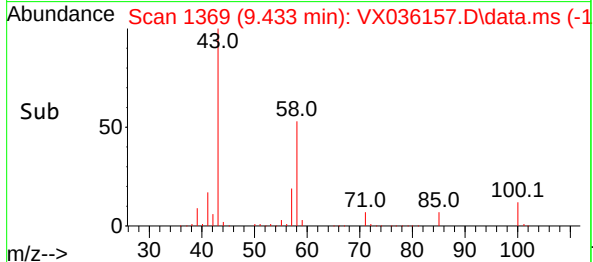
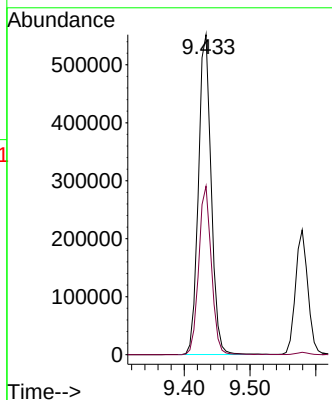
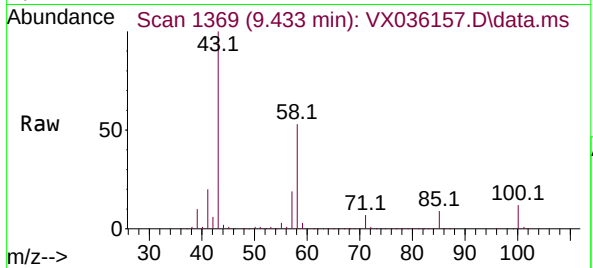




#59  
2-Hexanone  
Concen: 265.841 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

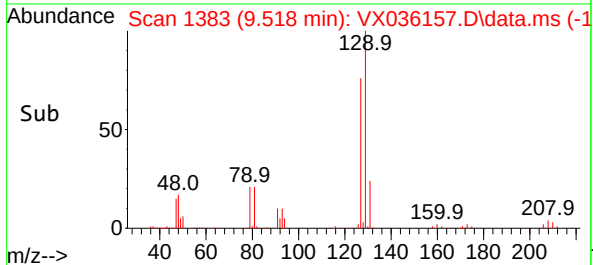
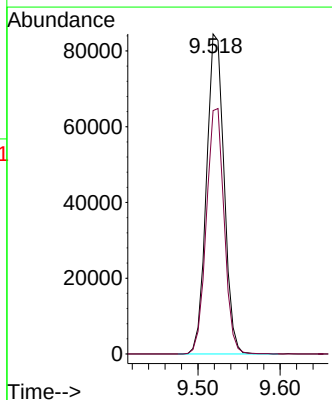
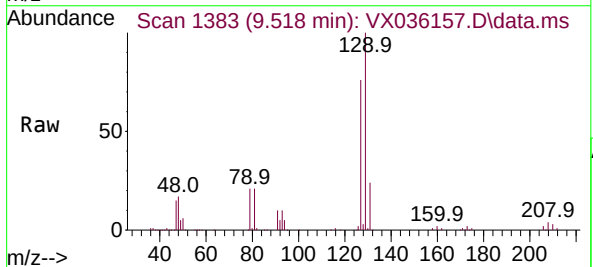
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

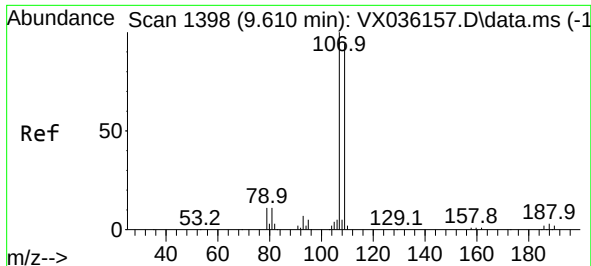
Tgt Ion: 43 Resp: 742781  
Ion Ratio Lower Upper  
43 100  
58 52.3 26.2 78.5



#60  
Dibromochloromethane  
Concen: 52.947 ug/l  
RT: 9.518 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

Tgt Ion:129 Resp: 125168  
Ion Ratio Lower Upper  
129 100  
127 77.6 38.8 116.4

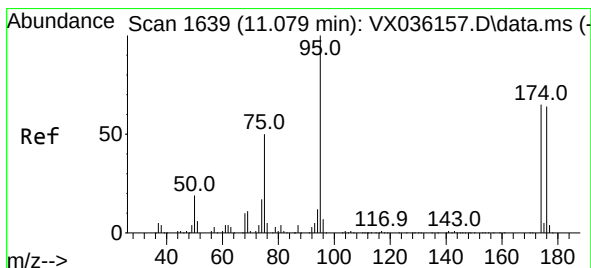
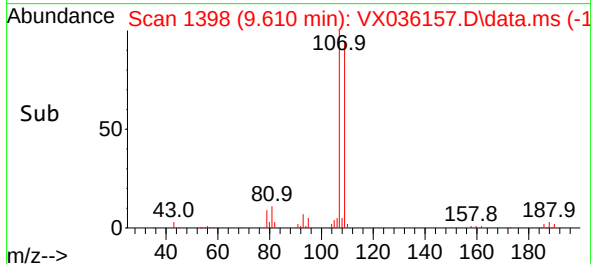
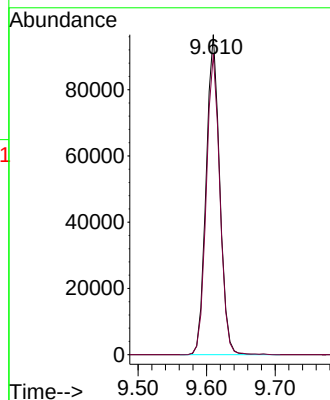
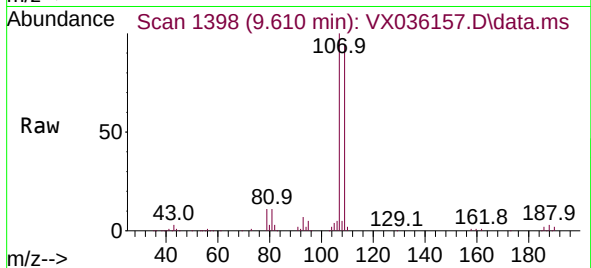




#61  
1,2-Dibromoethane  
Concen: 51.184 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

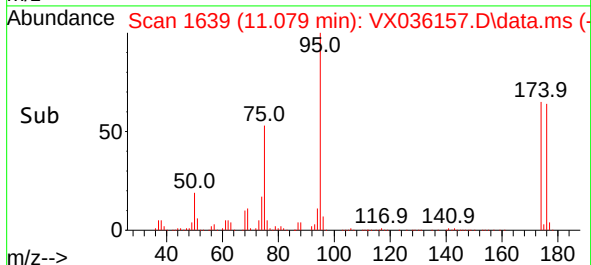
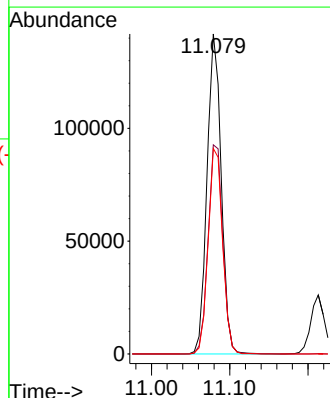
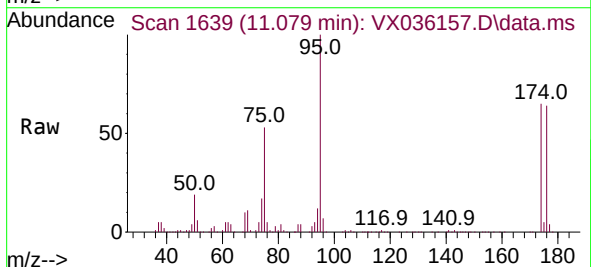
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

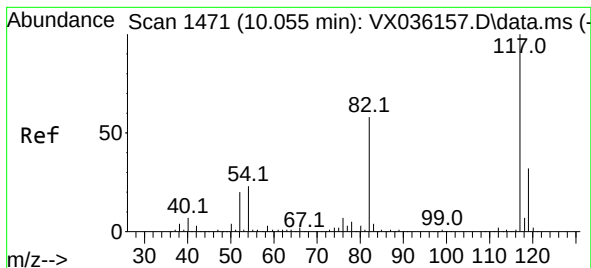
Tgt Ion:107 Resp: 133312  
Ion Ratio Lower Upper  
107 100  
109 94.0 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 45.970 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

Tgt Ion: 95 Resp: 177746  
Ion Ratio Lower Upper  
95 100  
174 67.8 0.0 135.6  
176 65.5 0.0 131.0

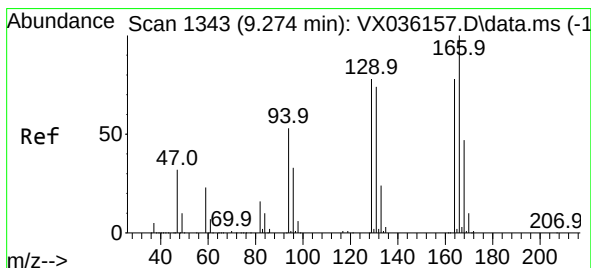
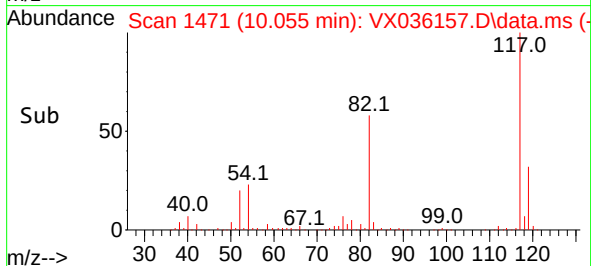
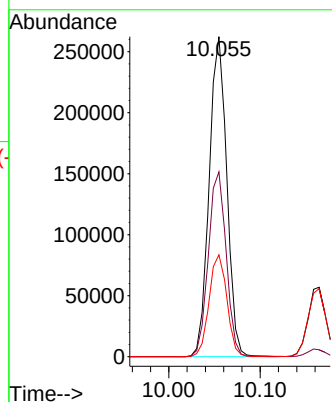
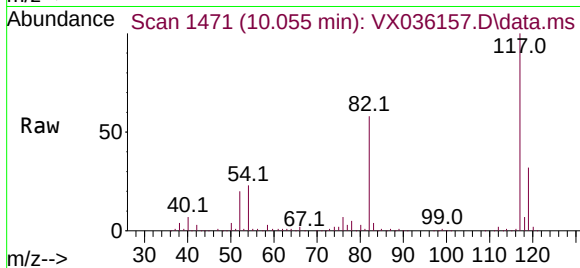




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

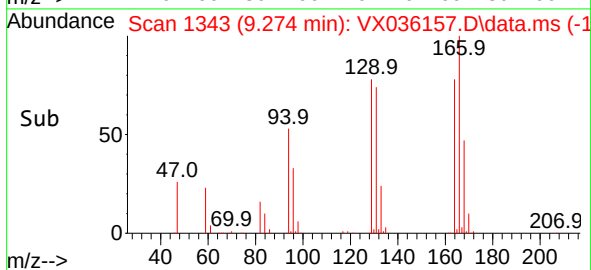
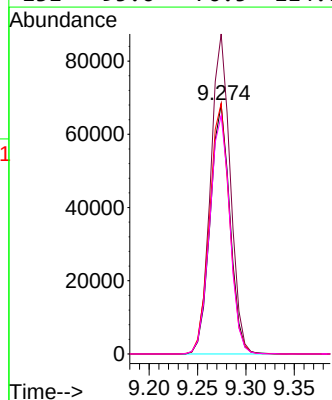
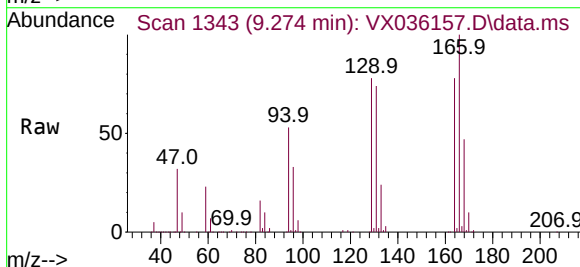
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

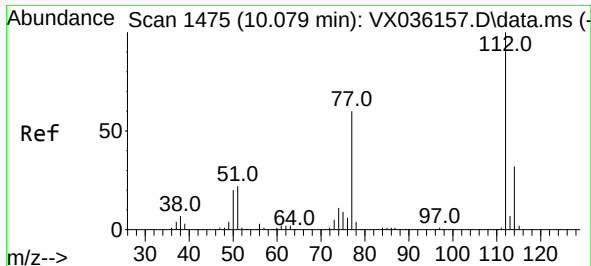
Tgt Ion:117 Resp: 350049  
Ion Ratio Lower Upper  
117 100  
82 57.8 46.2 69.4  
119 31.9 25.5 38.3



#64  
Tetrachloroethene  
Concen: 50.312 ug/l  
RT: 9.274 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

Tgt Ion:164 Resp: 96487  
Ion Ratio Lower Upper  
164 100  
166 128.4 102.7 154.1  
129 100.5 80.4 120.6  
131 95.6 76.5 114.7

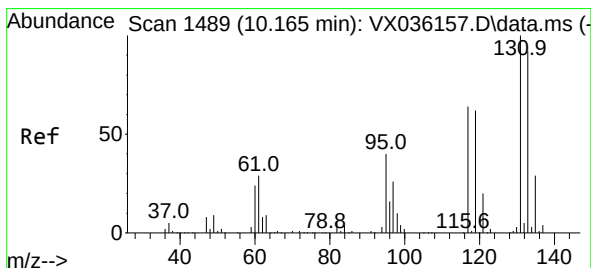
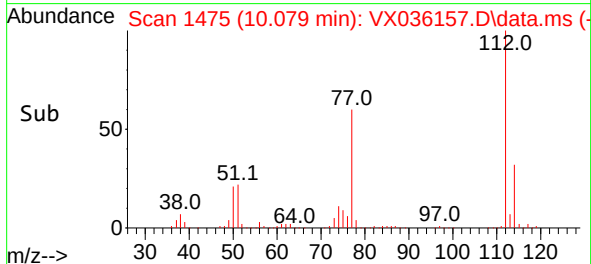
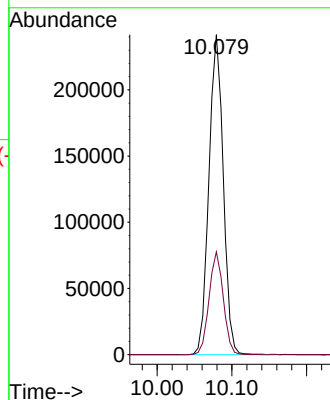
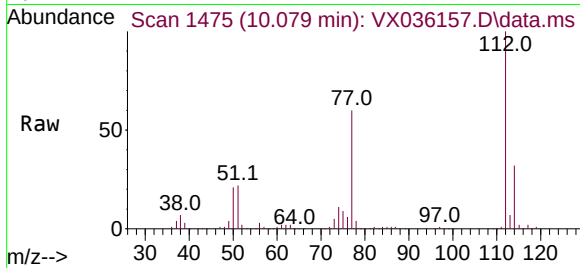




#65  
Chlorobenzene  
Concen: 50.458 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

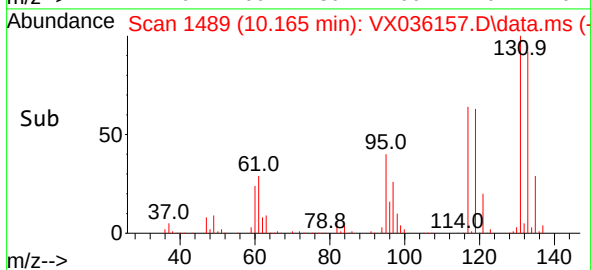
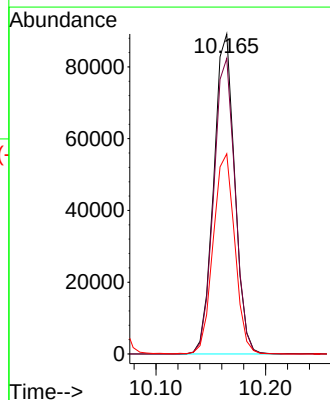
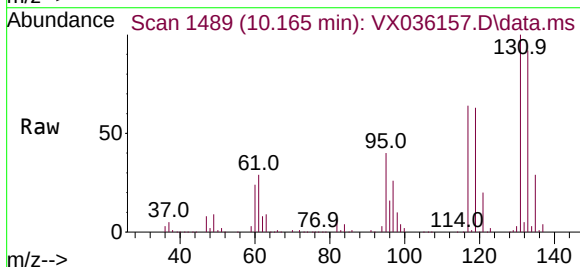
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

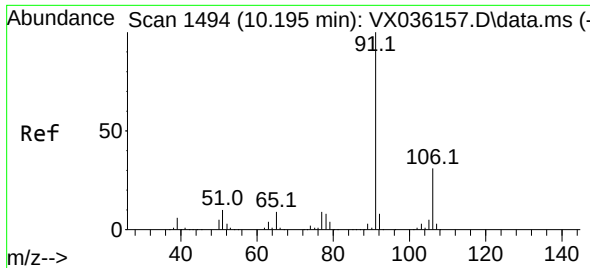
Tgt Ion:112 Resp: 322304  
Ion Ratio Lower Upper  
112 100  
114 32.1 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.814 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

Tgt Ion:131 Resp: 118685  
Ion Ratio Lower Upper  
131 100  
133 94.3 47.1 141.4  
119 64.4 32.2 96.6

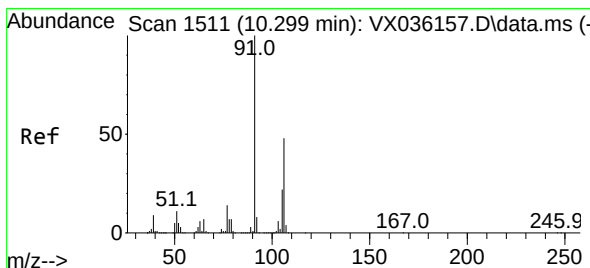
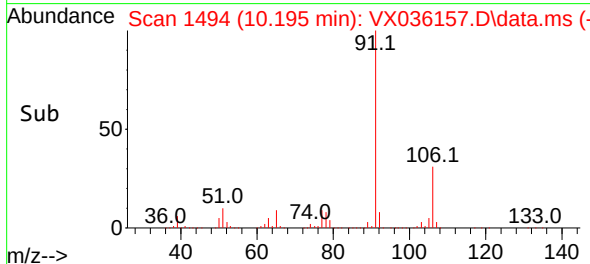
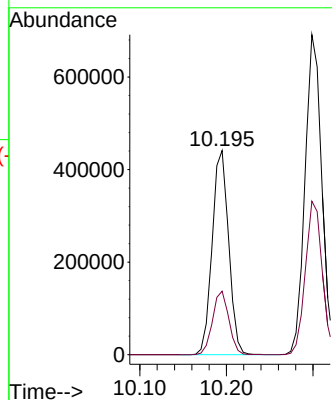
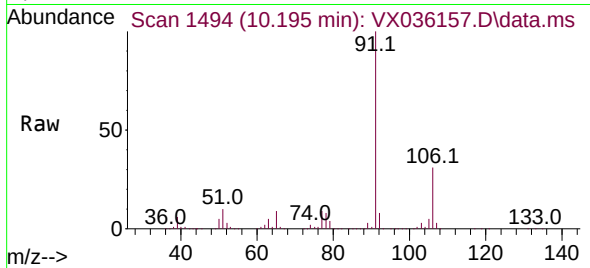




#67  
Ethyl Benzene  
Concen: 51.668 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

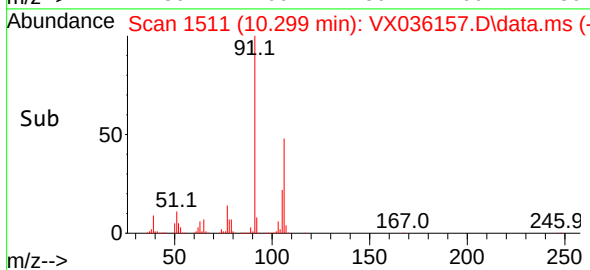
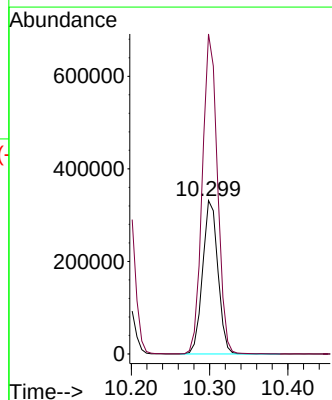
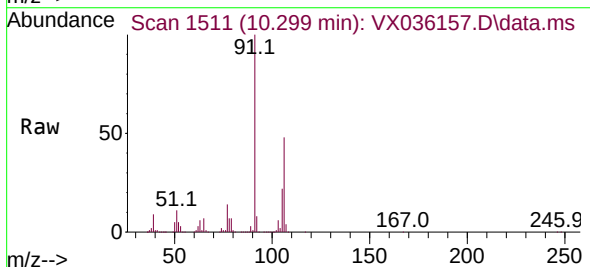
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

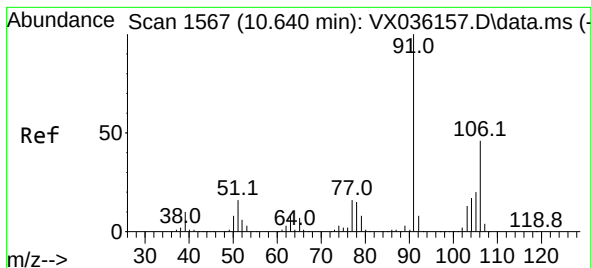
Tgt Ion: 91 Resp: 582946  
Ion Ratio Lower Upper  
91 100  
106 31.1 24.9 37.3



#68  
m/p-Xylenes  
Concen: 104.085 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

Tgt Ion: 106 Resp: 447889  
Ion Ratio Lower Upper  
106 100  
91 206.9 165.5 248.3





#69

o-Xylene

Concen: 52.563 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA\_X

ClientSampleId :

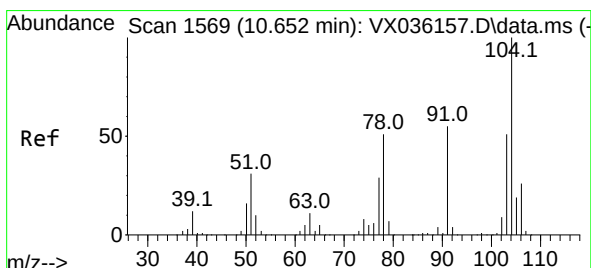
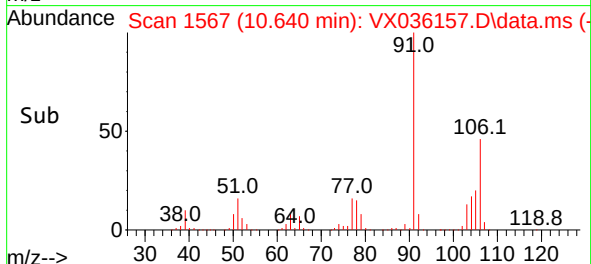
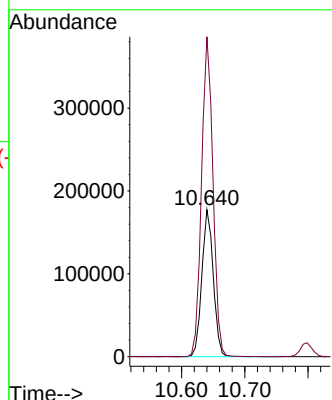
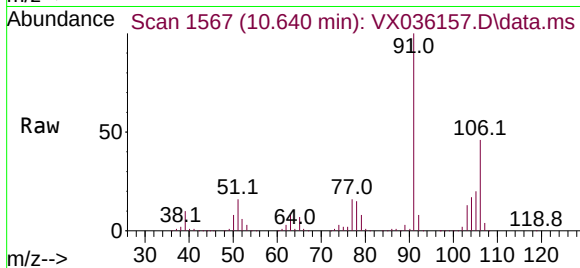
VSTDICCC050

Tgt Ion:106 Resp: 223252

Ion Ratio Lower Upper

106 100

91 217.9 108.9 326.8



#70

Styrene

Concen: 53.152 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

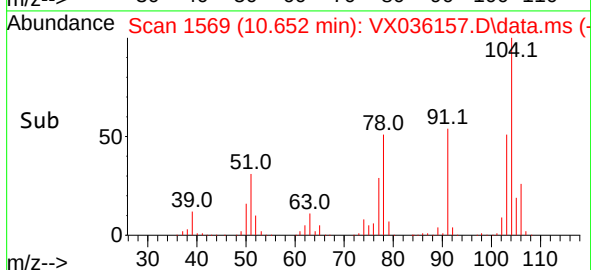
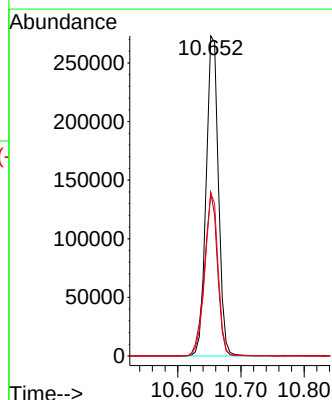
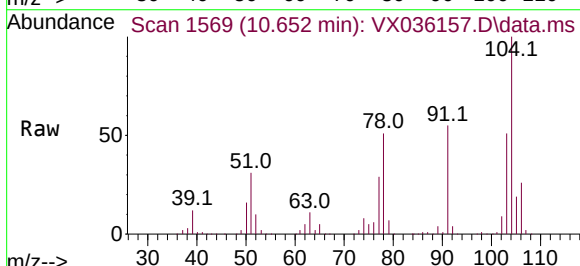
Tgt Ion:104 Resp: 370465

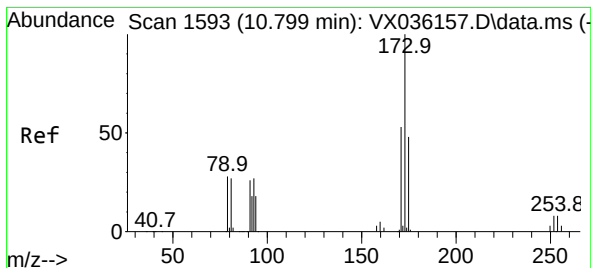
Ion Ratio Lower Upper

104 100

78 54.5 43.6 65.4

103 54.5 43.6 65.4





#71

Bromoform

Concen: 44.645 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

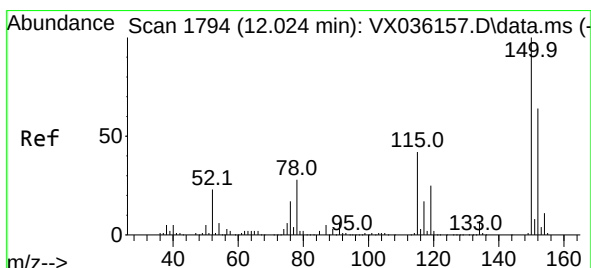
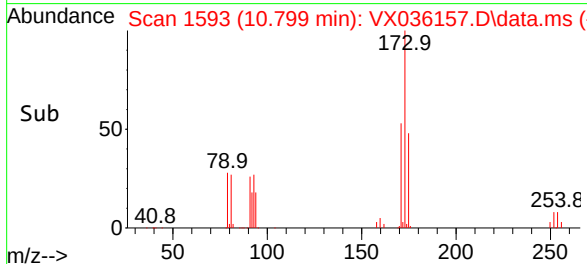
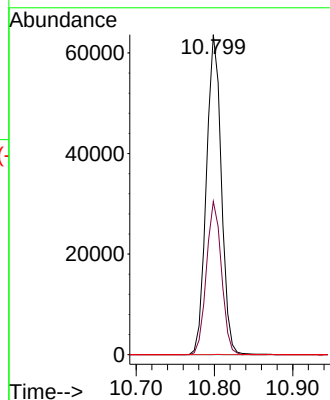
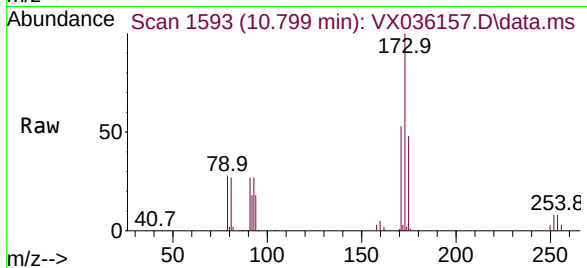
Tgt Ion:173 Resp: 84112

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.4

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

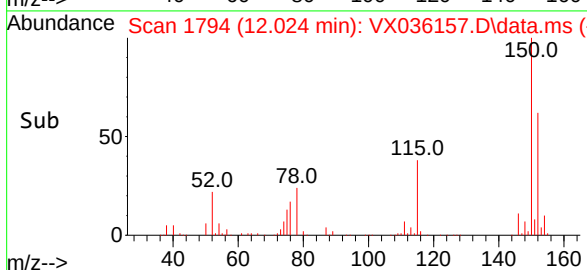
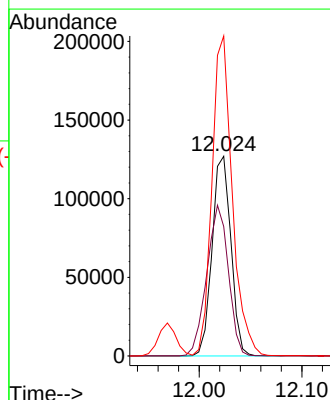
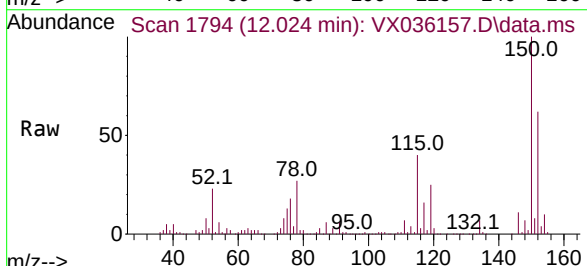
Tgt Ion:152 Resp: 161198

Ion Ratio Lower Upper

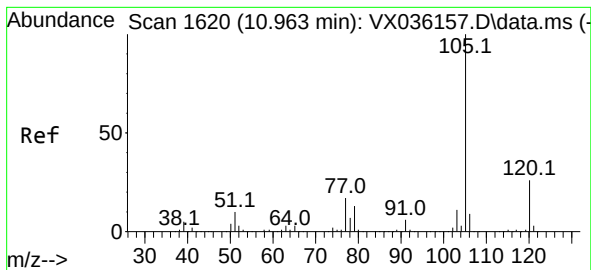
152 100

115 86.6 43.3 129.9

150 172.5 0.0 345.0







#73

Isopropylbenzene

Concen: 51.913 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA\_X

ClientSampleId :

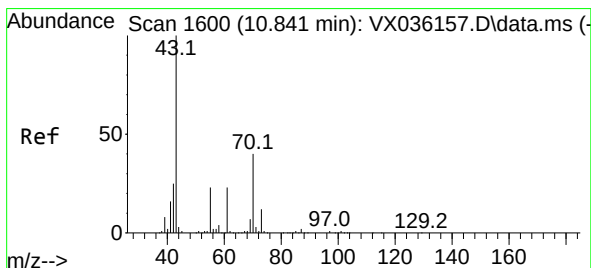
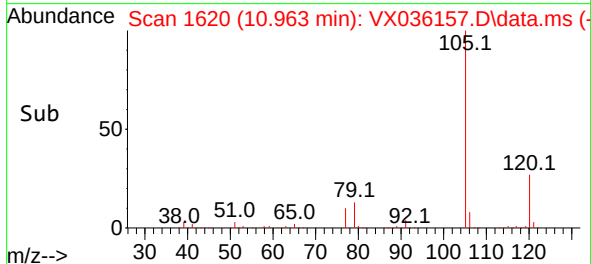
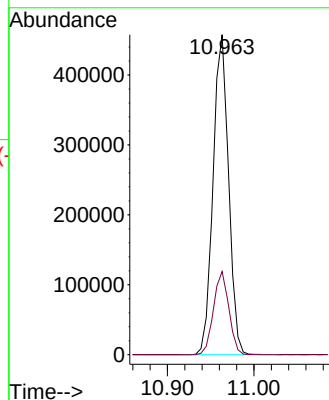
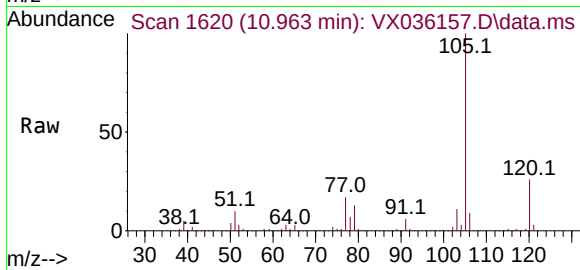
VSTDICCC050

Tgt Ion:105 Resp: 568622

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.6



#74

N-ethyl acetate

Concen: 53.345 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Tgt Ion: 43 Resp: 265771

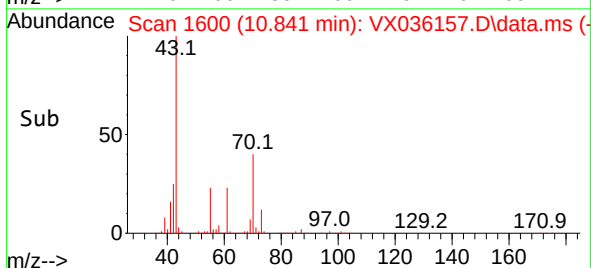
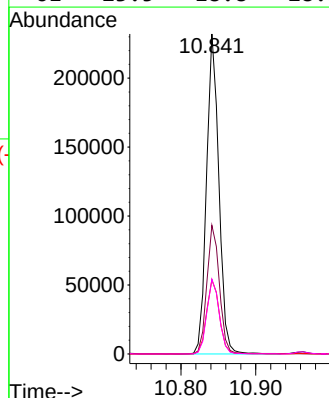
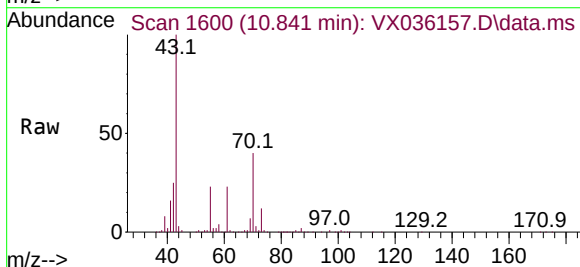
Ion Ratio Lower Upper

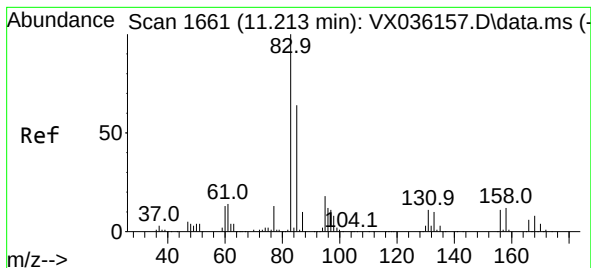
43 100

70 41.1 32.9 49.3

55 24.1 19.3 28.9

61 23.5 18.8 28.2

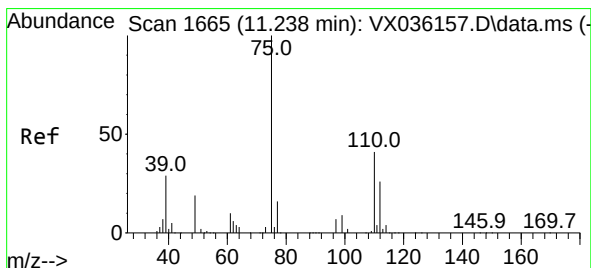
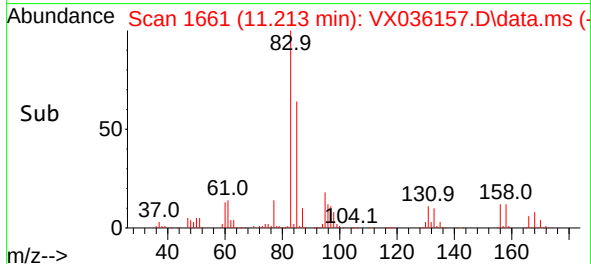
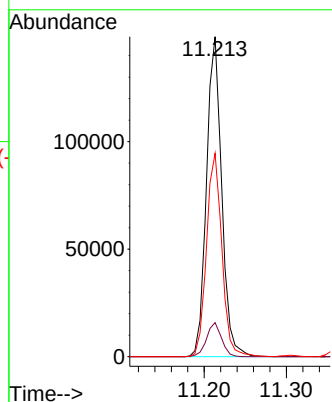
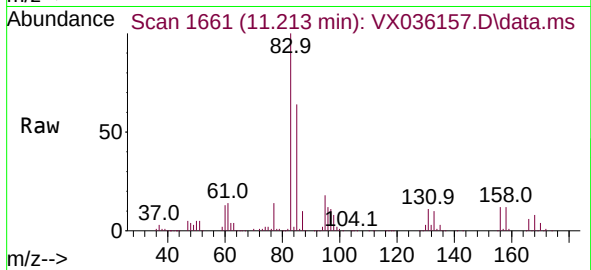




#75  
1,1,2,2-Tetrachloroethane  
Concen: 51.075 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

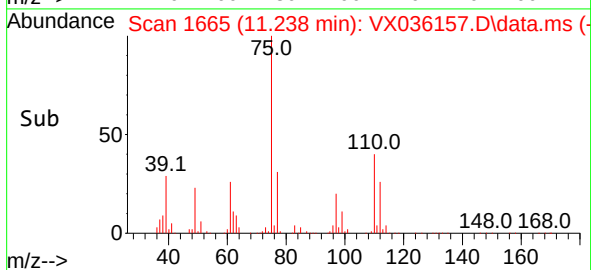
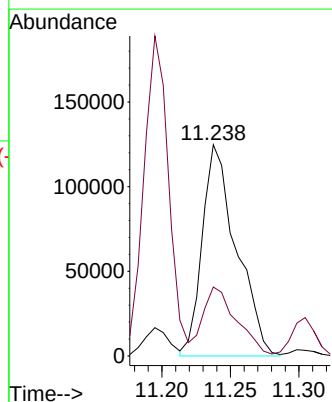
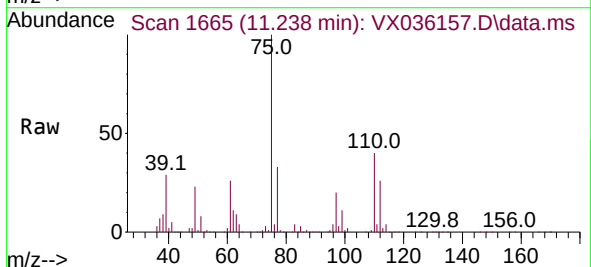
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

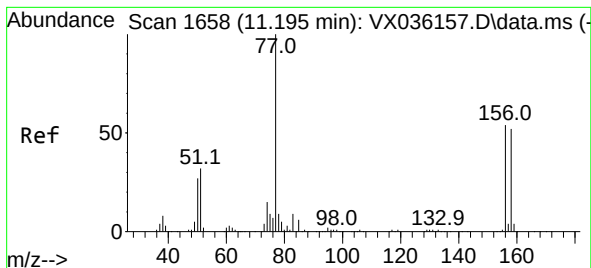
Tgt Ion: 83 Resp: 191126  
Ion Ratio Lower Upper  
83 100  
131 10.5 5.3 15.8  
85 64.1 32.0 96.2



#76  
1,2,3-Trichloropropane  
Concen: 60.039 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

Tgt Ion: 75 Resp: 216446  
Ion Ratio Lower Upper  
75 100  
77 32.4 19.1 57.5





#77

Bromobenzene

Concen: 52.356 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

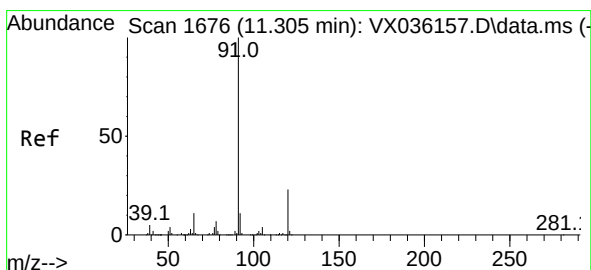
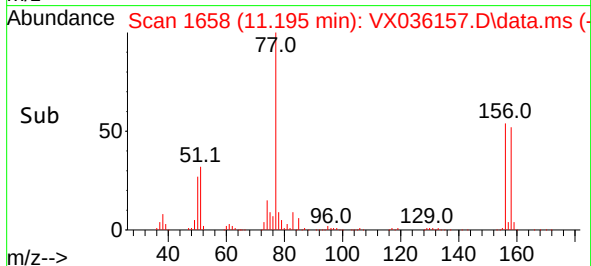
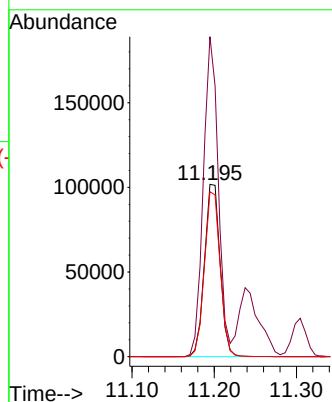
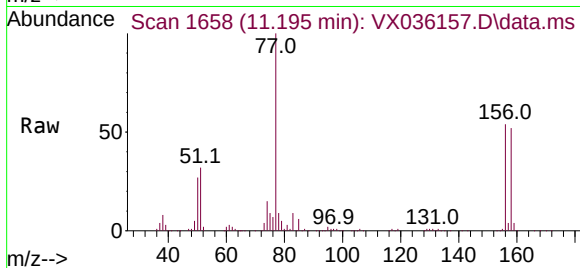
Tgt Ion:156 Resp: 134590

Ion Ratio Lower Upper

156 100

77 176.9 88.4 265.3

158 96.0 48.0 144.0



#78

n-propylbenzene

Concen: 51.192 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX036157.D

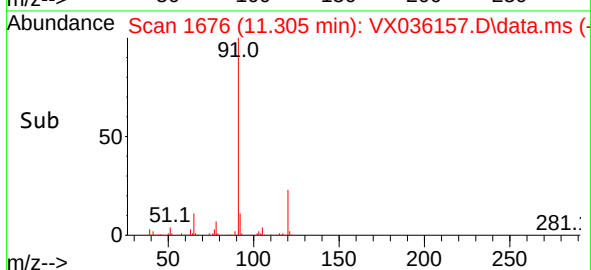
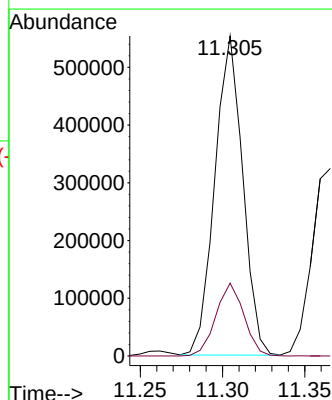
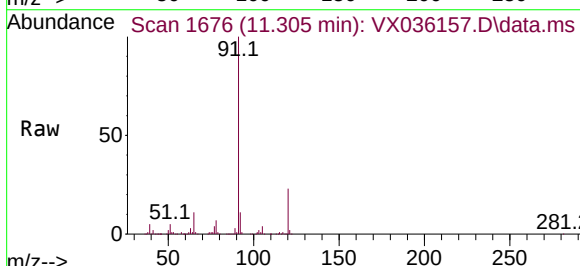
Acq: 14 Jun 2023 15:36

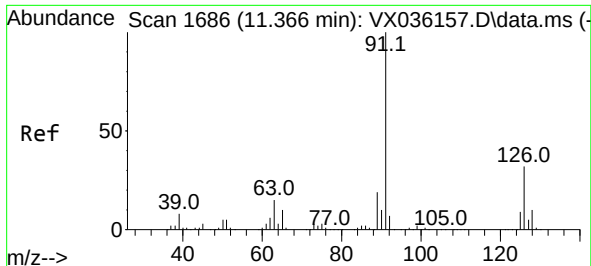
Tgt Ion: 91 Resp: 652712

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4

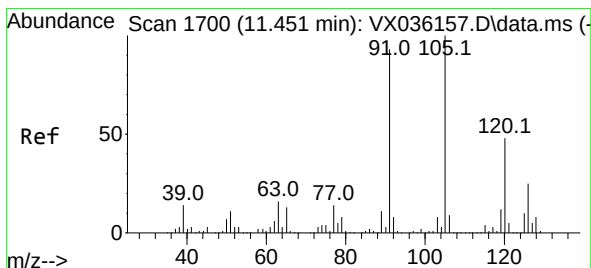
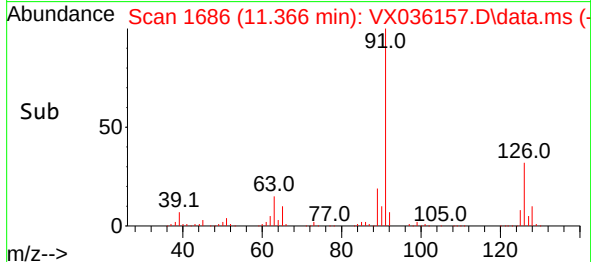
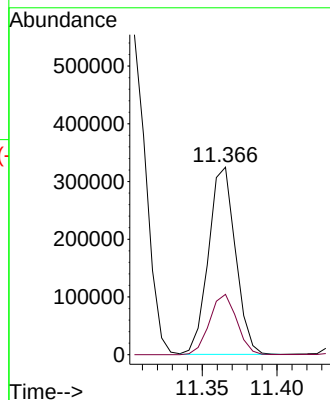
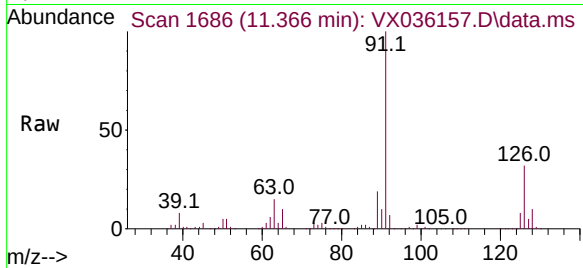




#79  
2-Chlorotoluene  
Concen: 50.451 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

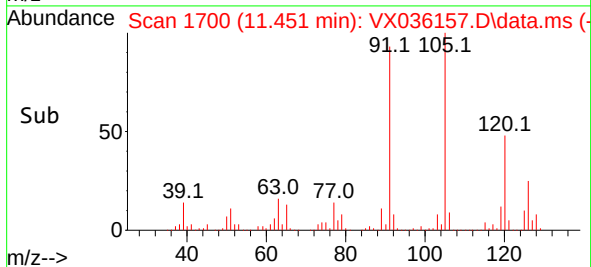
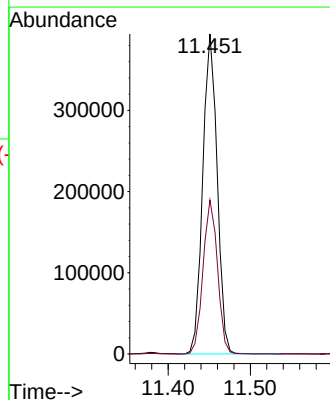
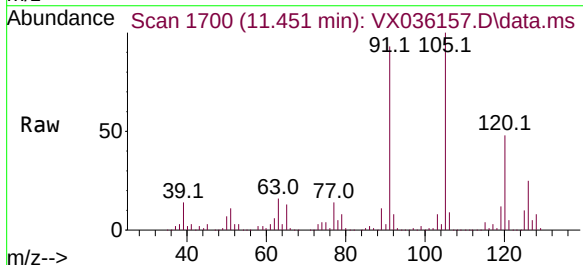
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

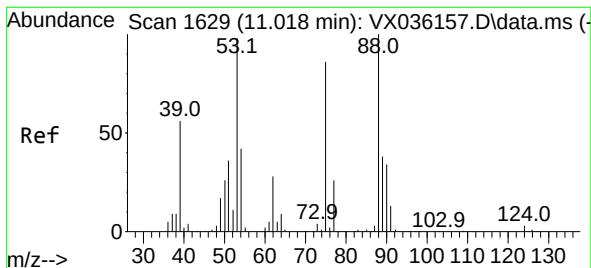
Tgt Ion: 91 Resp: 407338  
Ion Ratio Lower Upper  
91 100  
126 32.5 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 51.897 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

Tgt Ion: 105 Resp: 479765  
Ion Ratio Lower Upper  
105 100  
120 48.2 24.1 72.3

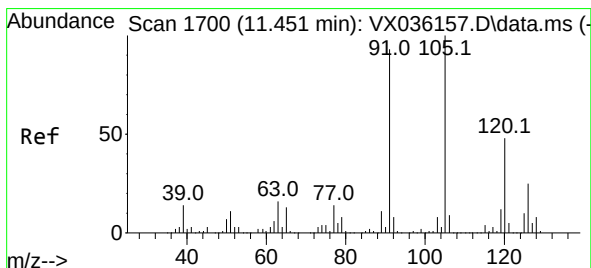
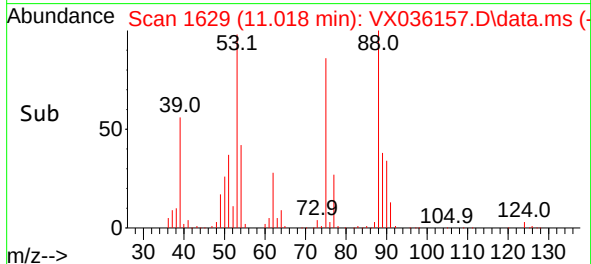
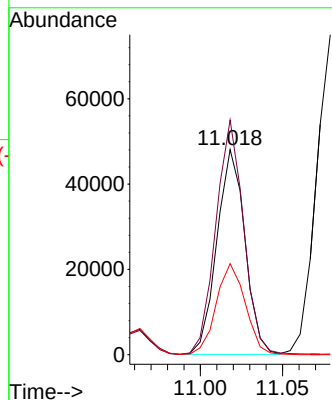
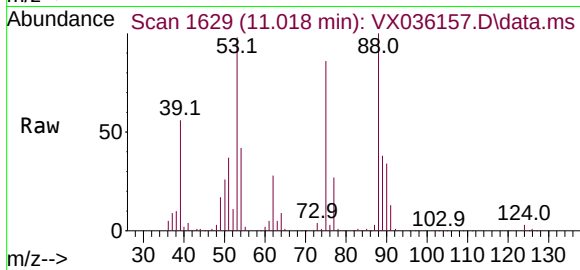




#81  
trans-1,4-Dichloro-2-butene  
Concen: 46.746 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

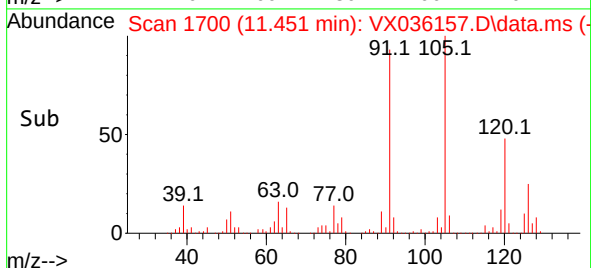
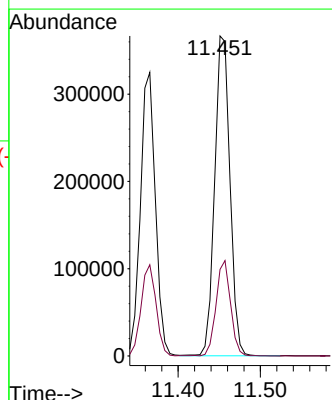
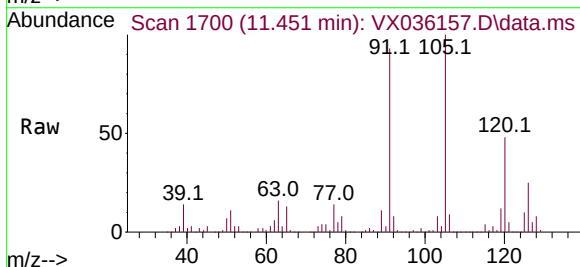
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

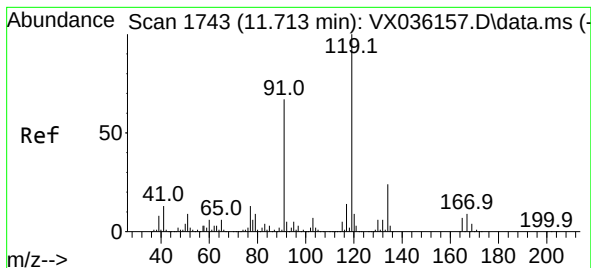
Tgt Ion: 75 Resp: 57005  
Ion Ratio Lower Upper  
75 100  
53 113.1 90.5 135.7  
89 46.1 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 51.519 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX036157.D  
Acq: 14 Jun 2023 15:36

Tgt Ion: 91 Resp: 473985  
Ion Ratio Lower Upper  
91 100  
126 28.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 51.685 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

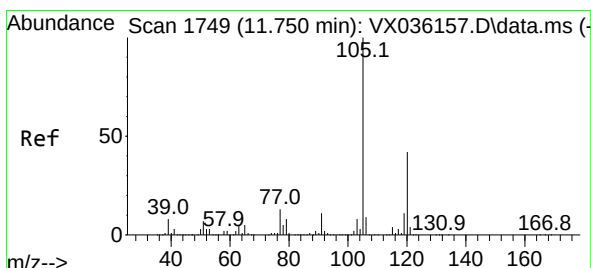
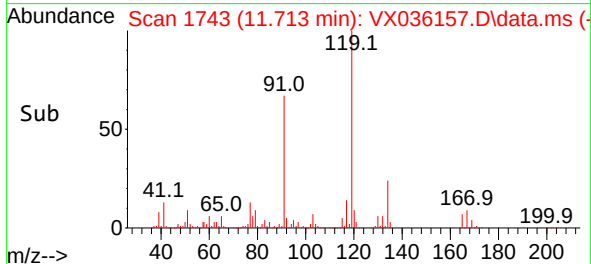
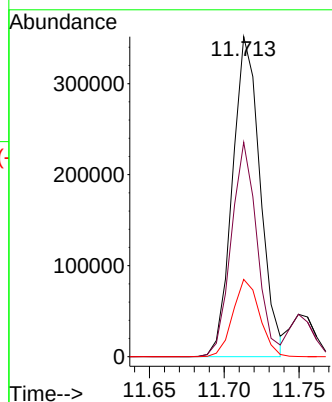
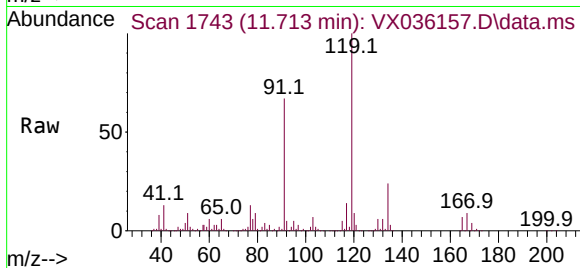
Tgt Ion:119 Resp: 453030

Ion Ratio Lower Upper

119 100

91 62.4 31.2 93.6

134 23.3 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 52.804 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX036157.D

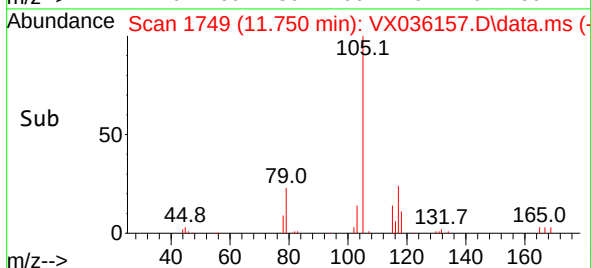
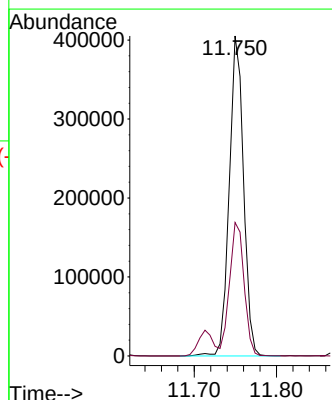
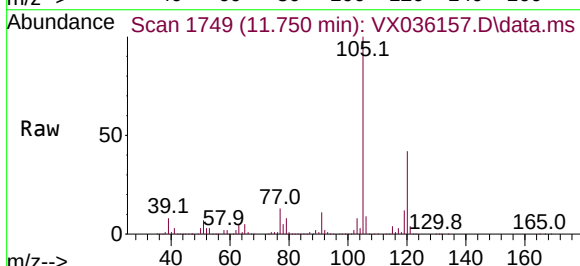
Acq: 14 Jun 2023 15:36

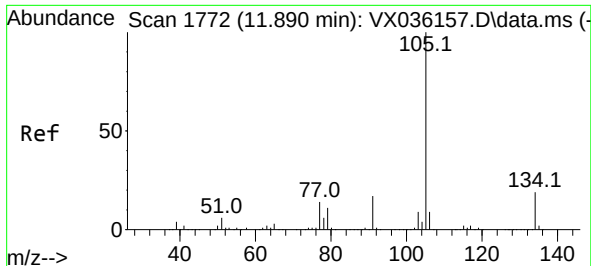
Tgt Ion:105 Resp: 490302

Ion Ratio Lower Upper

105 100

120 42.4 21.2 63.6

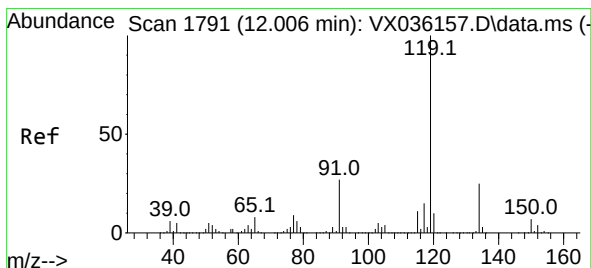
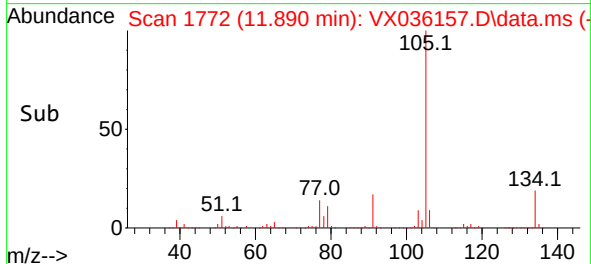
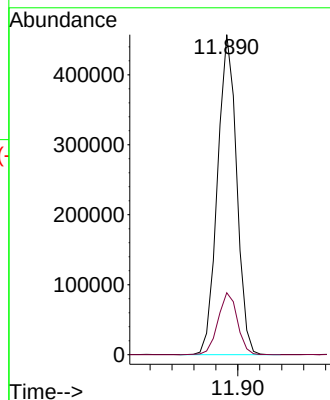
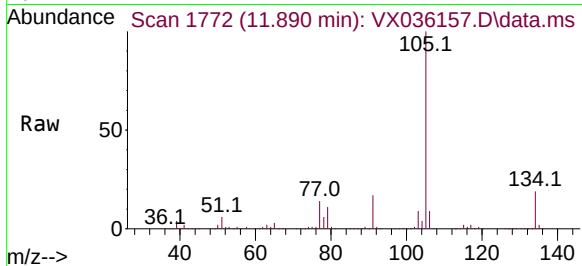




#85  
 sec-Butylbenzene  
 Concen: 51.959 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX036157.D  
 Acq: 14 Jun 2023 15:36

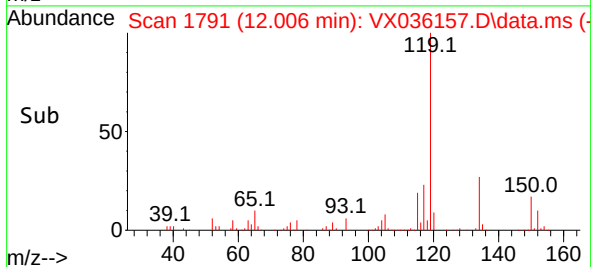
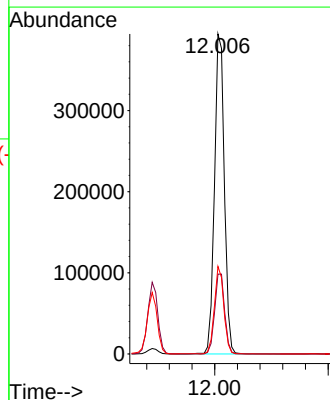
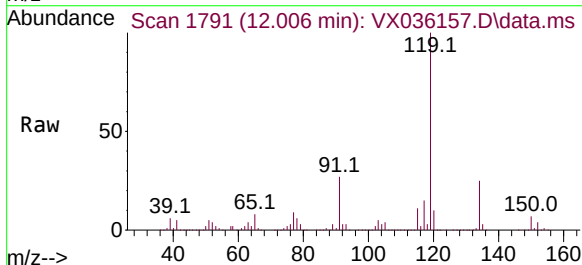
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

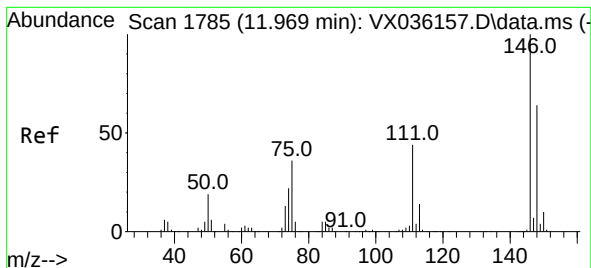
Tgt Ion:105 Resp: 553830  
 Ion Ratio Lower Upper  
 105 100  
 134 19.6 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 52.534 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. 0.000 min  
 Lab File: VX036157.D  
 Acq: 14 Jun 2023 15:36

Tgt Ion:119 Resp: 473963  
 Ion Ratio Lower Upper  
 119 100  
 134 25.5 12.8 38.3  
 91 26.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.176 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

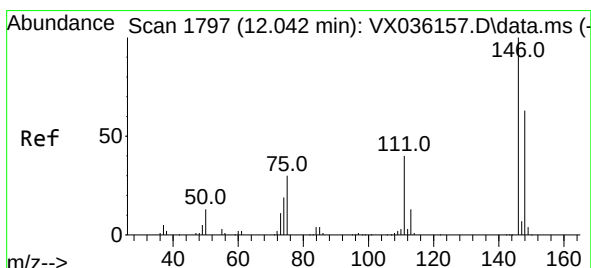
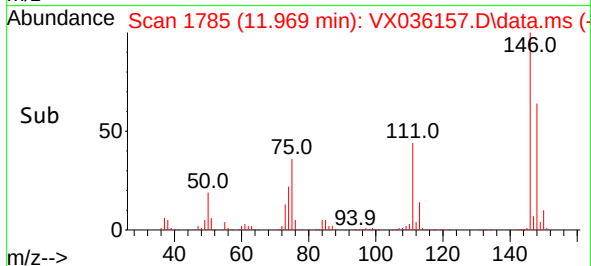
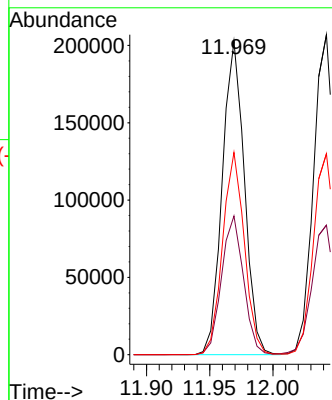
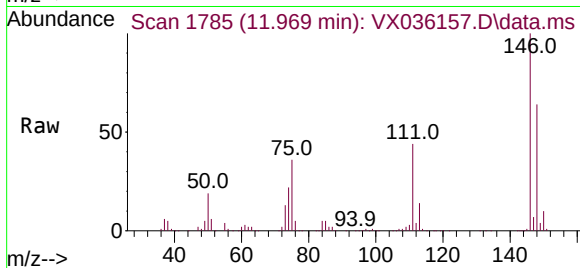
Tgt Ion:146 Resp: 246073

Ion Ratio Lower Upper

146 100

111 44.1 22.1 66.1

148 63.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 49.397 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

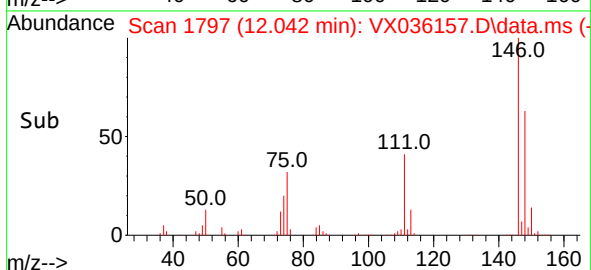
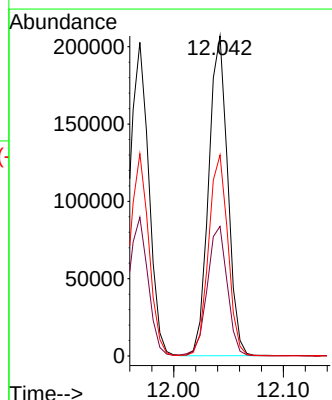
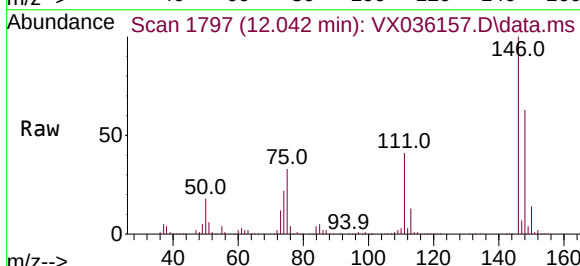
Tgt Ion:146 Resp: 249962

Ion Ratio Lower Upper

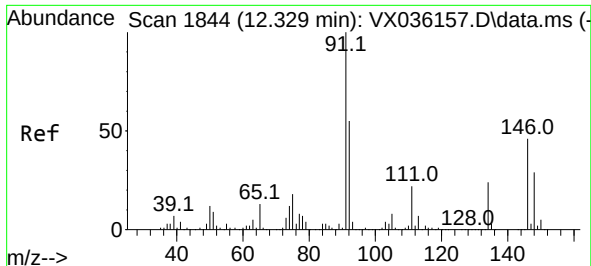
146 100

111 42.5 21.3 63.7

148 63.6 31.8 95.4







#89

n-Butylbenzene

Concen: 52.071 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

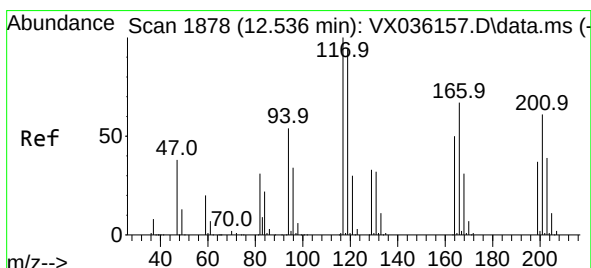
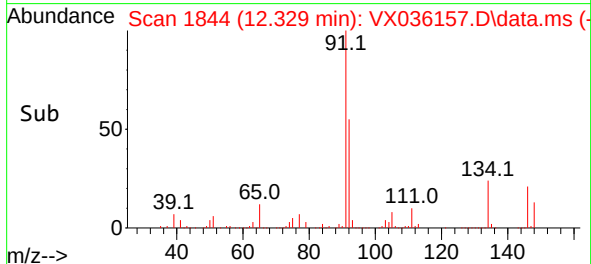
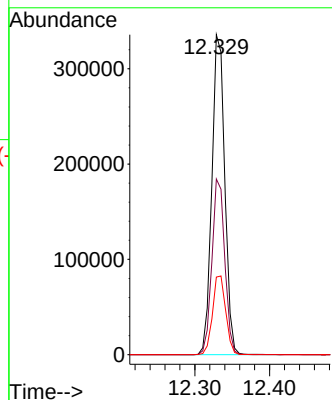
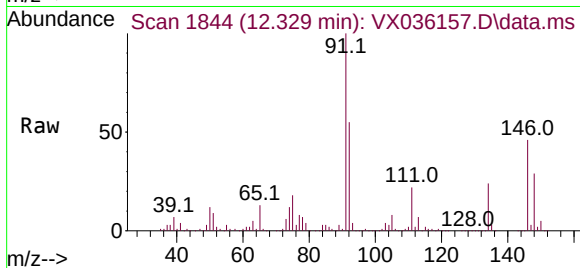
Tgt Ion: 91 Resp: 403692

Ion Ratio Lower Upper

91 100

92 54.7 27.4 82.0

134 25.2 12.6 37.8



#90

Hexachloroethane

Concen: 46.257 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX036157.D

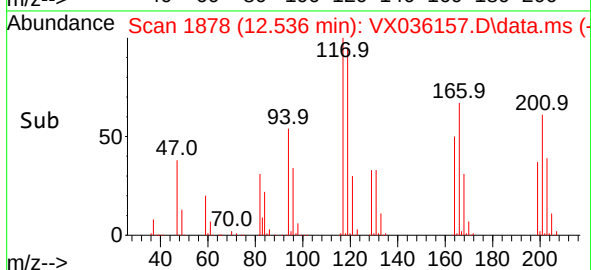
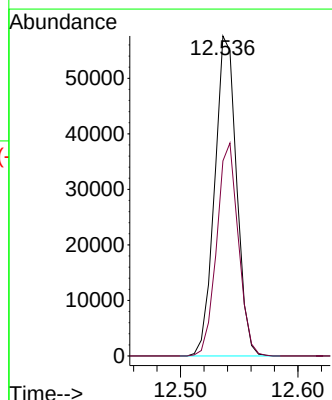
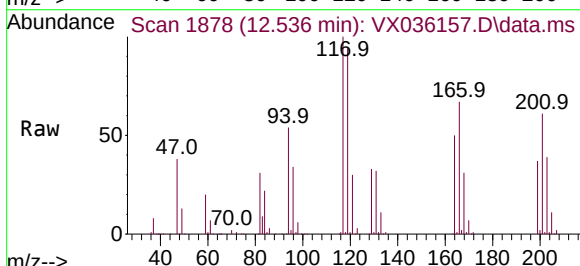
Acq: 14 Jun 2023 15:36

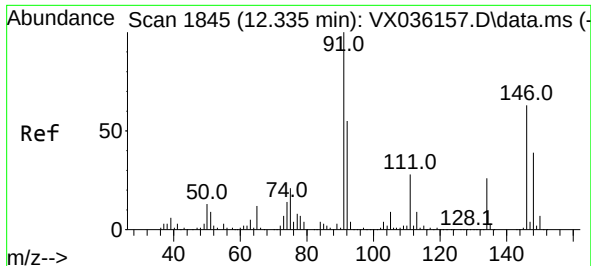
Tgt Ion: 117 Resp: 74748

Ion Ratio Lower Upper

117 100

201 65.7 32.9 98.6

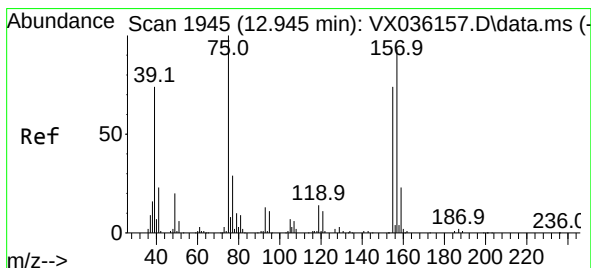
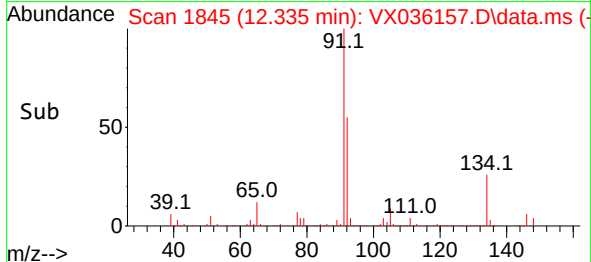
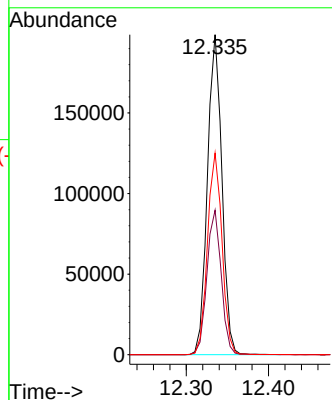
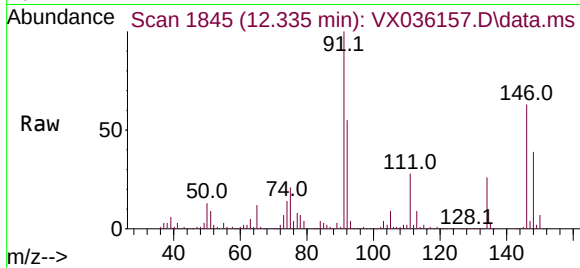




#91  
 1,2-Dichlorobenzene  
 Concen: 50.492 ug/l  
 RT: 12.335 min Scan# 1845  
 Delta R.T. 0.000 min  
 Lab File: VX036157.D  
 Acq: 14 Jun 2023 15:36

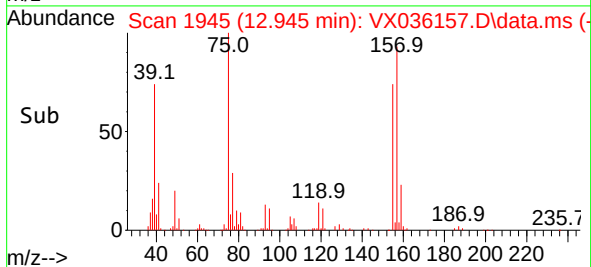
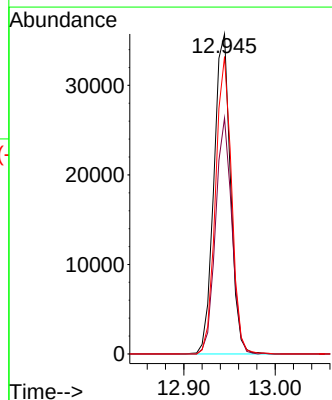
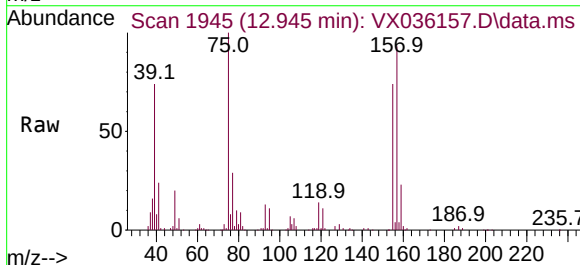
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

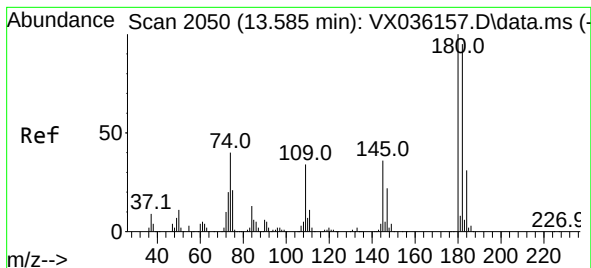
Tgt Ion:146 Resp: 242499  
 Ion Ratio Lower Upper  
 146 100  
 111 44.7 22.4 67.0  
 148 63.3 31.6 95.0



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 52.501 ug/l  
 RT: 12.945 min Scan# 1945  
 Delta R.T. 0.000 min  
 Lab File: VX036157.D  
 Acq: 14 Jun 2023 15:36

Tgt Ion: 75 Resp: 44977  
 Ion Ratio Lower Upper  
 75 100  
 155 72.3 36.1 108.5  
 157 89.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 48.934 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

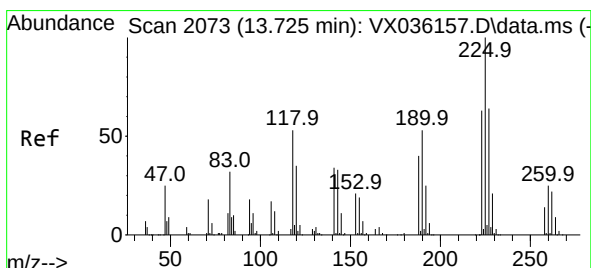
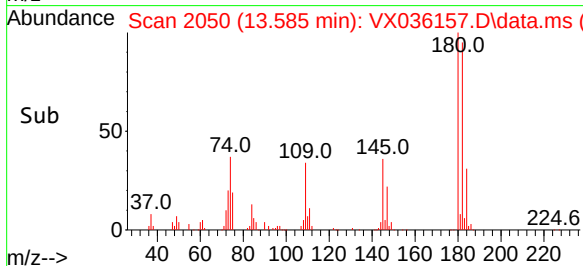
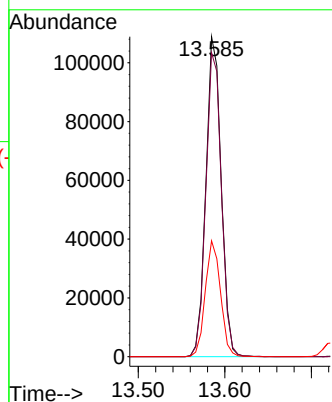
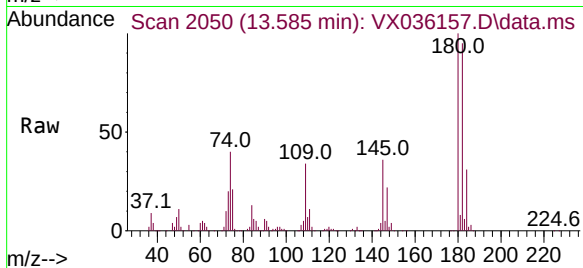
Tgt Ion:180 Resp: 133604

Ion Ratio Lower Upper

180 100

182 96.5 48.3 144.8

145 36.0 18.0 54.0



#94

Hexachlorobutadiene

Concen: 49.015 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

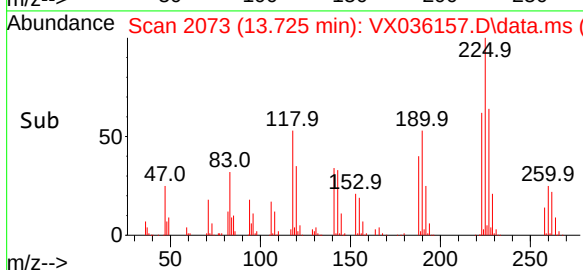
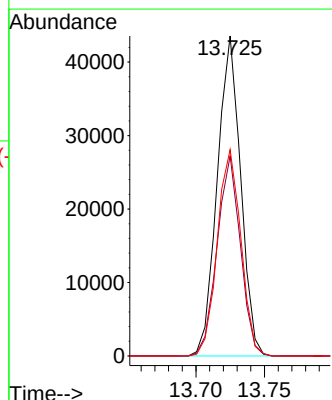
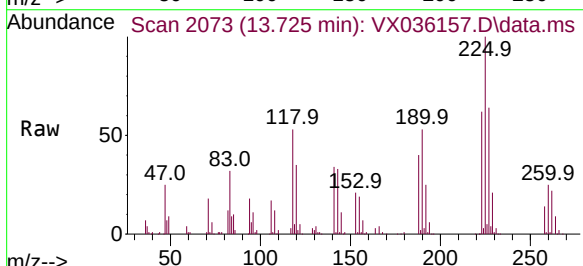
Tgt Ion:225 Resp: 51602

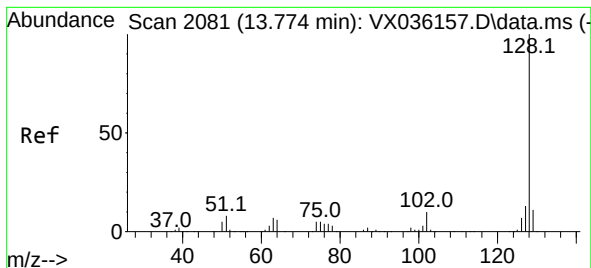
Ion Ratio Lower Upper

225 100

223 62.1 31.1 93.2

227 65.0 32.5 97.5





#95

Naphthalene

Concen: 53.034 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

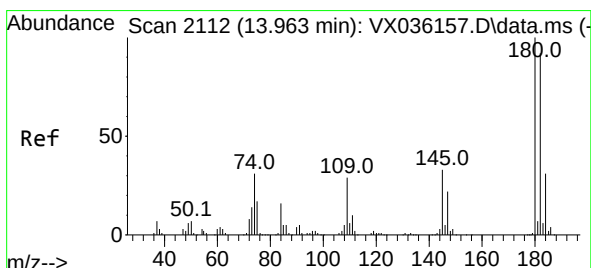
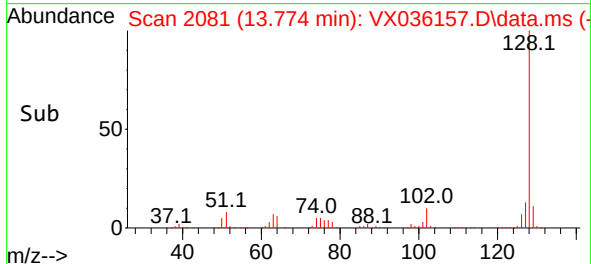
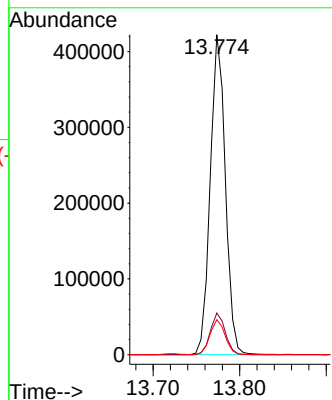
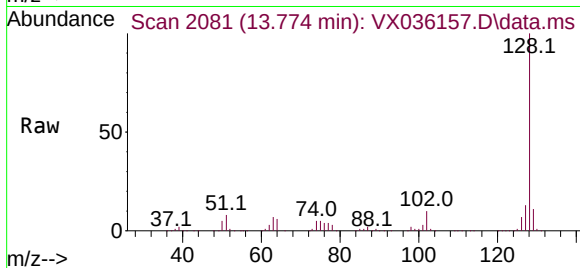
Tgt Ion:128 Resp: 510958

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 50.461 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Tgt Ion:180 Resp: 136743

Ion Ratio Lower Upper

180 100

182 93.7 46.9 140.6

145 35.7 17.8 53.5

