

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041922\  
 Data File : VX028153.D  
 Acq On : 19 Apr 2022 12:19  
 Operator : JC/MD  
 Sample : VSTDICCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

Quant Time: Apr 19 12:47:04 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X041922W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 19 12:44:52 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 300568   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 488991   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 483818   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 279285   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 188910   | 46.275   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 92.560%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 163856   | 50.418   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 100.840% |
| 50) Toluene-d8              | 8.653  | 98    | 638739   | 52.541   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 105.080% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 249324   | 54.669   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 109.340% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 86309   | 31.266  | ug/l   | 98  |
| 3) Chloromethane             | 1.294 | 50  | 97571   | 31.775  | ug/l   | 100 |
| 4) Vinyl Chloride            | 1.374 | 62  | 135503  | 36.219  | ug/l   | 98  |
| 5) Bromomethane              | 1.599 | 94  | 146876  | 35.722  | ug/l   | 99  |
| 6) Chloroethane              | 1.678 | 64  | 107000  | 33.246  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 1.886 | 101 | 300804  | 40.295  | ug/l   | 97  |
| 8) Diethyl Ether             | 2.130 | 74  | 100927  | 35.602  | ug/l   | 93  |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 98186   | 33.745  | ug/l   | 96  |
| 10) Methyl Iodide            | 2.453 | 142 | 148517  | 43.421  | ug/l   | 96  |
| 11) Tert butyl alcohol       | 2.965 | 59  | 174267  | 190.945 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 2.319 | 96  | 93803   | 32.931  | ug/l   | 98  |
| 13) Acrolein                 | 2.233 | 56  | 130375  | 235.675 | ug/l   | 98  |
| 14) Allyl chloride           | 2.666 | 41  | 178279  | 35.136  | ug/l   | 89  |
| 15) Acrylonitrile            | 3.062 | 53  | 385389  | 201.762 | ug/l   | 99  |
| 16) Acetone                  | 2.380 | 43  | 275807  | 169.113 | ug/l   | 92  |
| 17) Carbon Disulfide         | 2.514 | 76  | 277176  | 37.015  | ug/l   | 98  |
| 18) Methyl Acetate           | 2.703 | 43  | 155747  | 35.564  | ug/l   | 96  |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 477560  | 43.493  | ug/l   | 100 |
| 20) Methylene Chloride       | 2.788 | 84  | 126717  | 38.440  | ug/l   | 94  |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 149592  | 42.493  | ug/l   | 96  |
| 22) Diisopropyl ether        | 3.763 | 45  | 423873  | 38.883  | ug/l   | 90  |
| 23) Vinyl Acetate            | 3.721 | 43  | 1904284 | 197.394 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 3.611 | 63  | 236568  | 39.878  | ug/l   | 99  |
| 25) 2-Butanone               | 4.556 | 43  | 556951  | 195.448 | ug/l   | 100 |
| 26) 2,2-Dichloropropane      | 4.477 | 77  | 242793  | 43.487  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 4.489 | 96  | 177136  | 44.405  | ug/l   | 96  |
| 28) Bromochloromethane       | 4.897 | 49  | 110602  | 43.150  | ug/l   | 94  |
| 29) Tetrahydrofuran          | 5.007 | 42  | 359370  | 193.783 | ug/l   | 99  |
| 30) Chloroform               | 5.099 | 83  | 301196  | 44.797  | ug/l   | 99  |
| 31) Cyclohexane              | 5.470 | 56  | 229533  | 41.978  | ug/l   | 100 |
| 32) 1,1,1-Trichloroethane    | 5.385 | 97  | 276502  | 45.263  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 5.696 | 75  | 210958  | 43.705  | ug/l   | 97  |
| 37) Ethyl Acetate            | 4.708 | 43  | 215957  | 39.135  | ug/l   | 100 |
| 38) Carbon Tetrachloride     | 5.684 | 117 | 246690  | 47.278  | ug/l   | 99  |
| 39) Methylcyclohexane        | 7.385 | 83  | 268657  | 46.663  | ug/l   | 98  |
| 40) Benzene                  | 6.044 | 78  | 633472  | 45.040  | ug/l   | 99  |

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 Operator : JC/MD  
 Sample : VSTDICCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

Quant Time: Apr 19 12:47:04 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X041922W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 19 12:44:52 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 110875   | 37.746  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 231665   | 43.815  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.336  | 43   | 346942   | 37.843  | ug/l   | 98       |
| 44) Trichloroethene           | 7.129  | 130  | 180646   | 47.821  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 151265   | 42.939  | ug/l   | 97       |
| 46) Dibromomethane            | 7.580  | 93   | 118319   | 45.171  | ug/l   | 96       |
| 47) Bromodichloromethane      | 7.824  | 83   | 235551   | 46.480  | ug/l   | 97       |
| 48) Methyl methacrylate       | 7.696  | 41   | 159466   | 37.897  | ug/l   | 91       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 88430    | 924.434 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 1125956  | 192.925 | ug/l   | 96       |
| 52) Toluene                   | 8.720  | 92   | 441565   | 46.802  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 259378   | 45.656  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 269816   | 45.559  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 176916   | 46.217  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 265422   | 44.563  | ug/l # | 93       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 283257   | 44.900  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 643867   | 237.744 | ug/l   | 94       |
| 59) 2-Hexanone                | 9.433  | 43   | 884900   | 194.687 | ug/l   | 95       |
| 60) Dibromochloromethane      | 9.525  | 129  | 203073   | 49.284  | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 201303   | 47.942  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 175398   | 45.941  | ug/l   | 97       |
| 65) Chlorobenzene             | 10.079 | 112  | 494849   | 47.055  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 185635   | 47.675  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 857729   | 46.607  | ug/l   | 97       |
| 68) m/p-Xylenes               | 10.305 | 106  | 707762   | 91.765  | ug/l   | 94       |
| 69) o-Xylene                  | 10.646 | 106  | 347009   | 46.216  | ug/l   | 97       |
| 70) Styrene                   | 10.659 | 104  | 577404   | 44.785  | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 152807   | 47.353  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 896761   | 45.761  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.848 | 43   | 311677   | 38.300  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 286926   | 42.347  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 325169   | 53.733  | ug/l   | 88       |
| 77) Bromobenzene              | 11.201 | 156  | 229296   | 47.489  | ug/l   | 93       |
| 78) n-propylbenzene           | 11.305 | 91   | 1026134  | 45.278  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 621351   | 44.992  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 787924   | 46.498  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 90204    | 42.538  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 727416   | 44.924  | ug/l   | 95       |
| 83) tert-Butylbenzene         | 11.719 | 119  | 794610   | 48.117  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 794630   | 47.797  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 971597   | 46.466  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 856439   | 48.070  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 452132   | 48.040  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 463062   | 46.875  | ug/l   | 100      |
| 89) n-Butylbenzene            | 12.335 | 91   | 702468   | 46.473  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.542 | 117  | 143304   | 48.261  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 446385   | 47.515  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 65800    | 44.079  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 260532   | 49.514  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 112425   | 52.093  | ug/l   | 93       |
| 95) Naphthalene               | 13.780 | 128  | 915217   | 49.968  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 260692   | 49.881  | ug/l   | 96       |

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Data File : VX028153.D  
Acq On : 19 Apr 2022 12:19  
Operator : JC/MD  
Sample : VSTDICCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 7 Sample Multiplier: 1

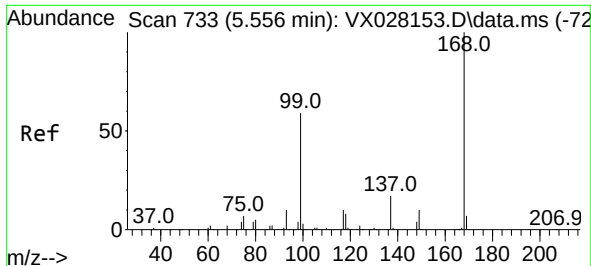
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

Quant Time: Apr 19 12:47:04 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X041922W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 19 12:44:52 2022  
Response via : Initial Calibration

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

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

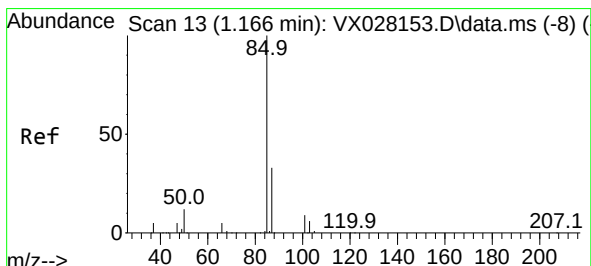
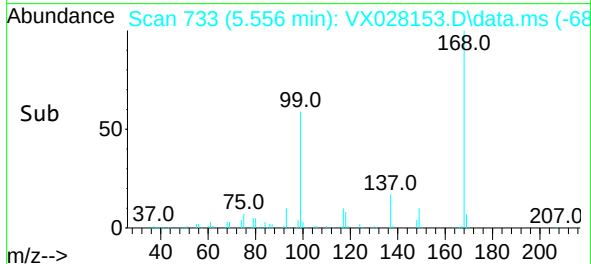
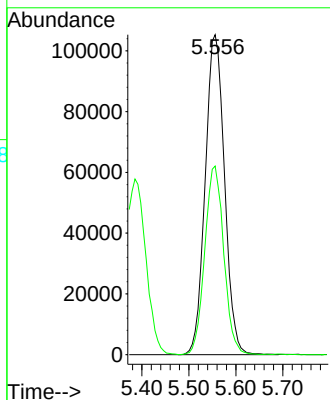
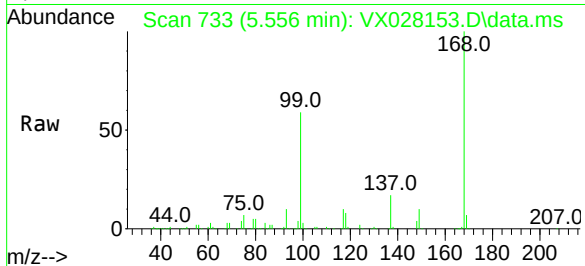




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

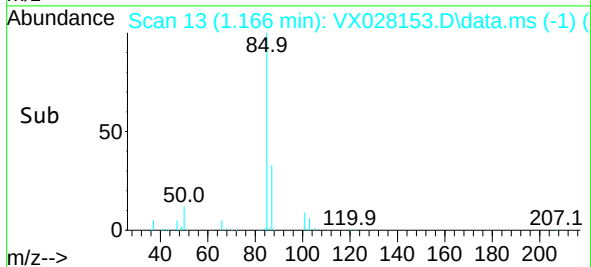
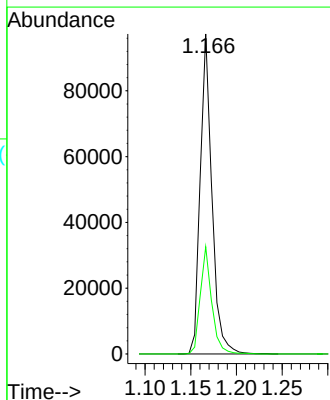
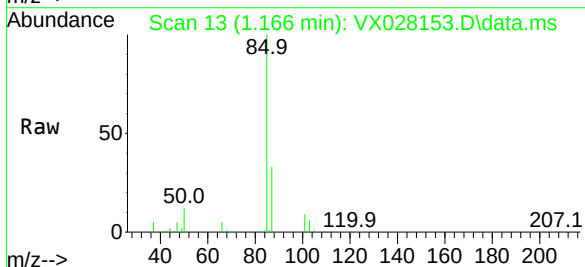
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

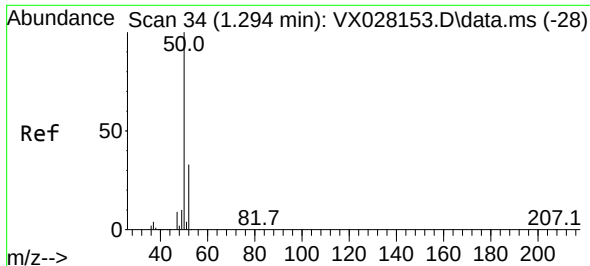
Tgt Ion:168 Resp: 300568  
Ion Ratio Lower Upper  
168 100  
99 58.9 41.7 62.5



#2  
Dichlorodifluoromethane  
Concen: 31.266 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

Tgt Ion: 85 Resp: 86309  
Ion Ratio Lower Upper  
85 100  
87 33.5 16.2 48.6

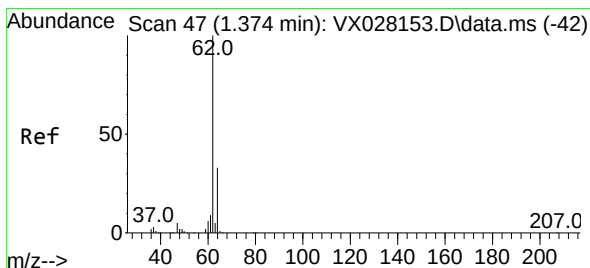
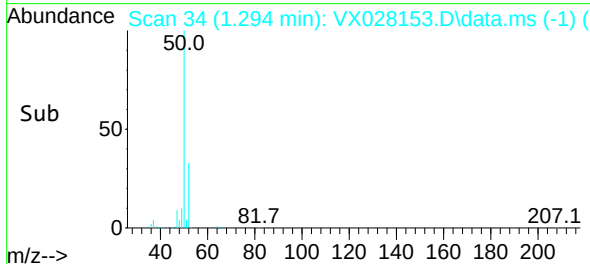
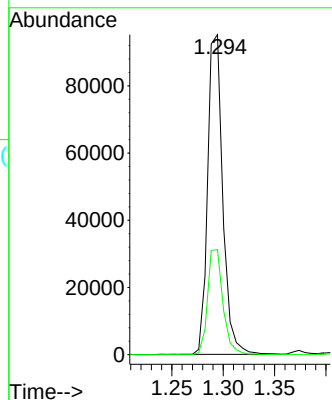
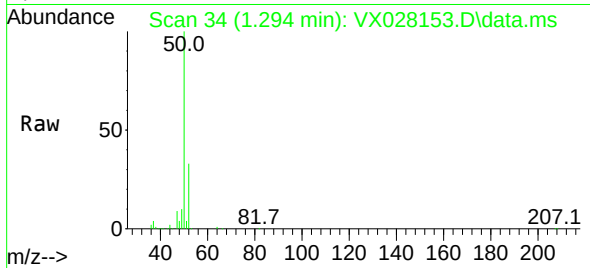




#3  
Chloromethane  
Concen: 31.775 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

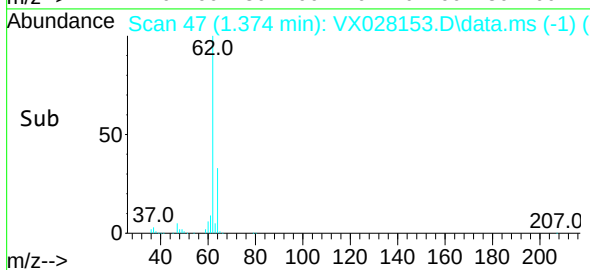
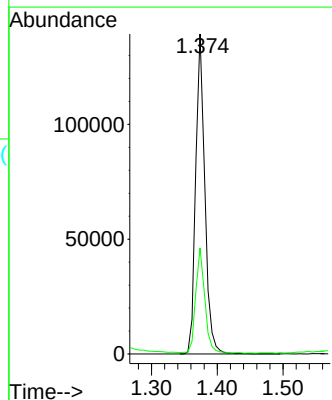
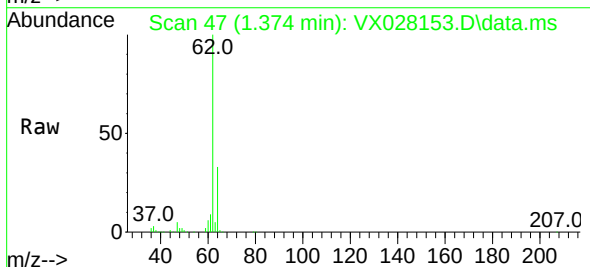
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

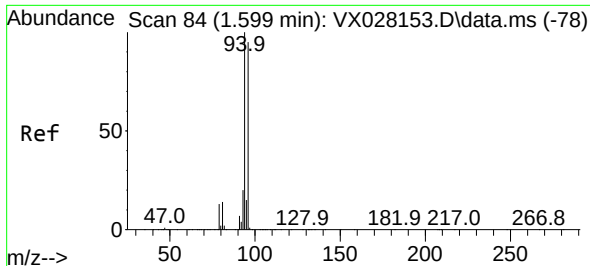
Tgt Ion: 50 Resp: 97571  
Ion Ratio Lower Upper  
50 100  
52 32.9 26.4 39.6



#4  
Vinyl Chloride  
Concen: 36.219 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

Tgt Ion: 62 Resp: 135503  
Ion Ratio Lower Upper  
62 100  
64 32.7 25.5 38.3

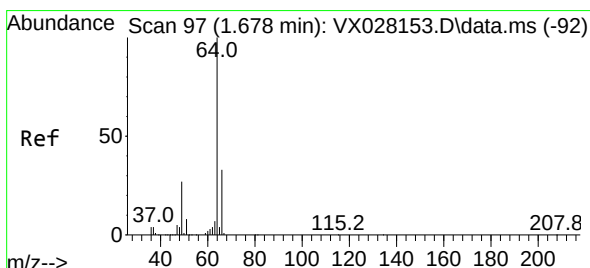
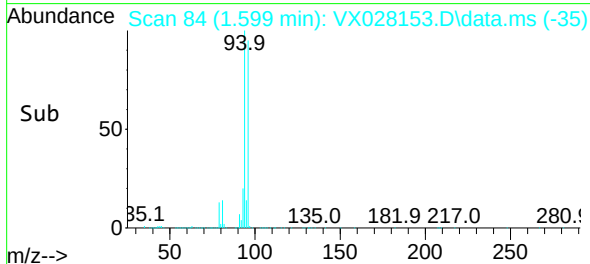
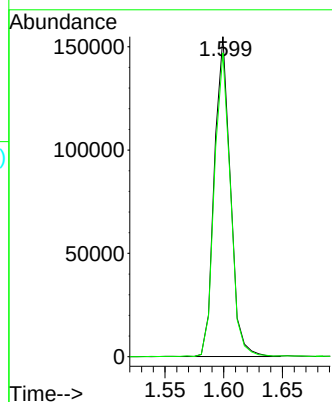
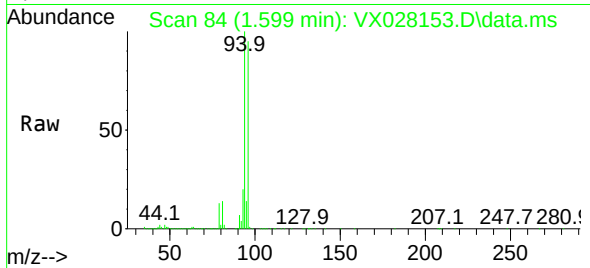




#5  
Bromomethane  
Concen: 35.722 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

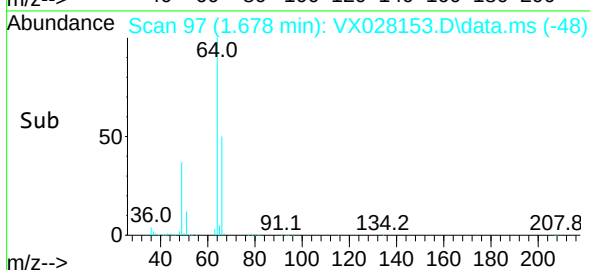
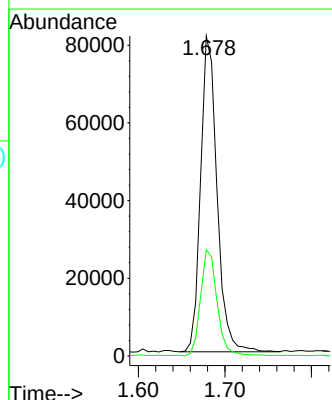
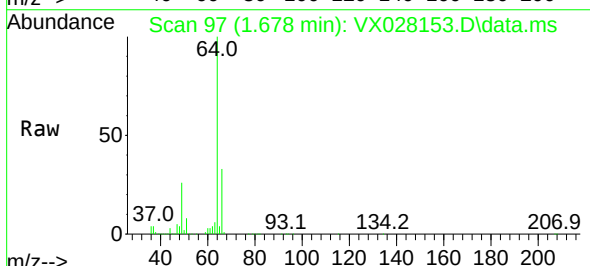
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

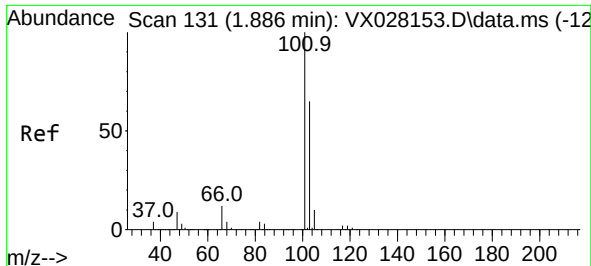
Tgt Ion: 94 Resp: 146876  
Ion Ratio Lower Upper  
94 100  
96 94.9 75.3 112.9



#6  
Chloroethane  
Concen: 33.246 ug/l  
RT: 1.678 min Scan# 97  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

Tgt Ion: 64 Resp: 107000  
Ion Ratio Lower Upper  
64 100  
66 33.5 25.3 37.9

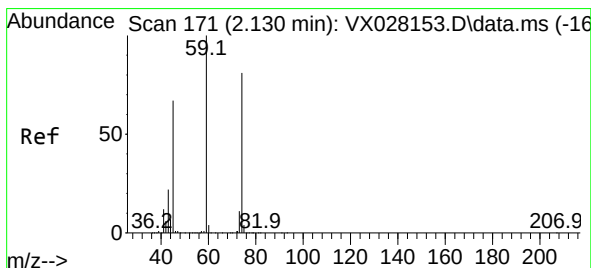
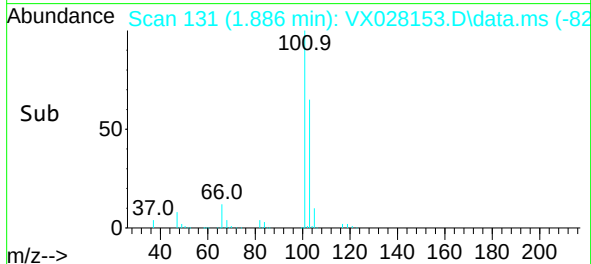
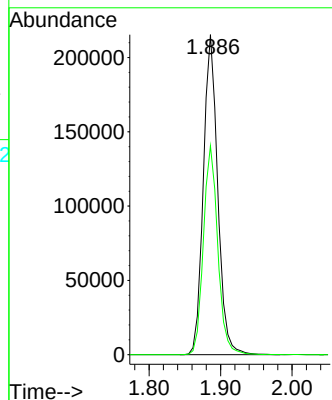
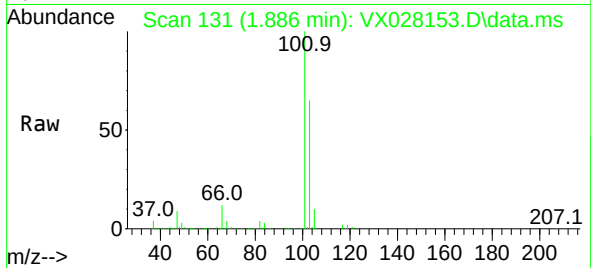




#7  
 Trichlorofluoromethane  
 Concen: 40.295 ug/l  
 RT: 1.886 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX028153.D  
 Acq: 19 Apr 2022 12:19

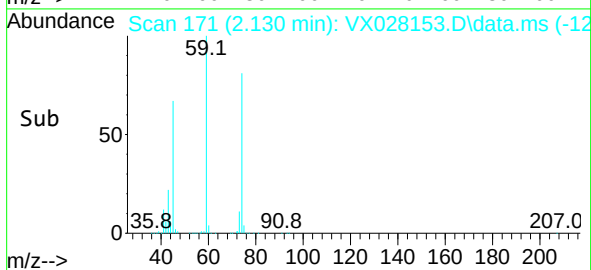
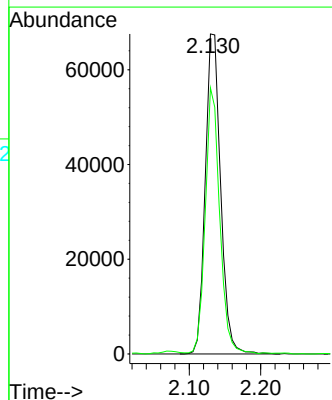
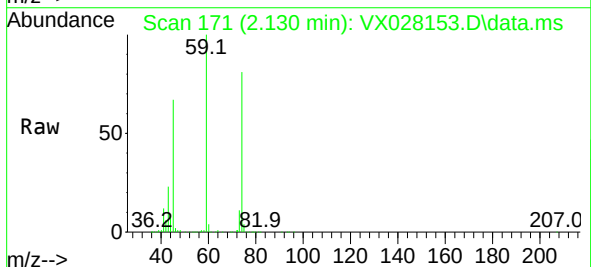
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

Tgt Ion:101 Resp: 300804  
 Ion Ratio Lower Upper  
 101 100  
 103 65.2 50.5 75.7

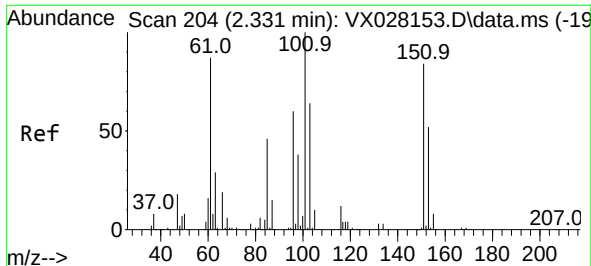


#8  
 Diethyl Ether  
 Concen: 35.602 ug/l  
 RT: 2.130 min Scan# 171  
 Delta R.T. 0.000 min  
 Lab File: VX028153.D  
 Acq: 19 Apr 2022 12:19

Tgt Ion: 74 Resp: 100927  
 Ion Ratio Lower Upper  
 74 100  
 45 78.0 42.0 126.0



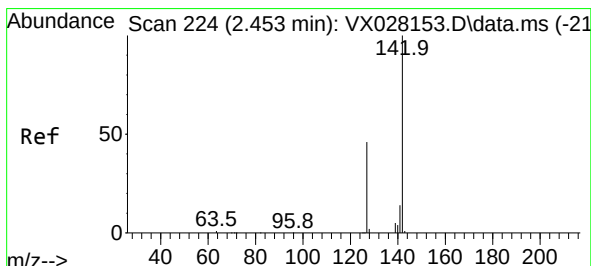
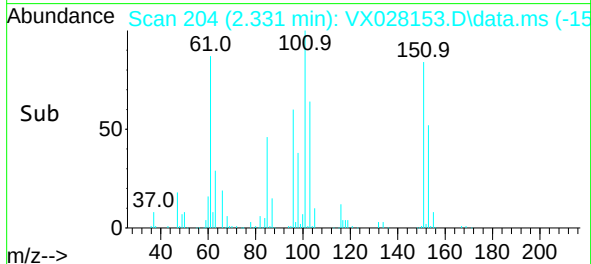
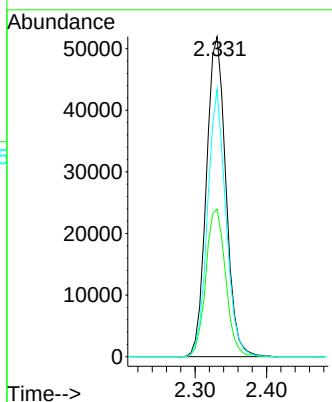
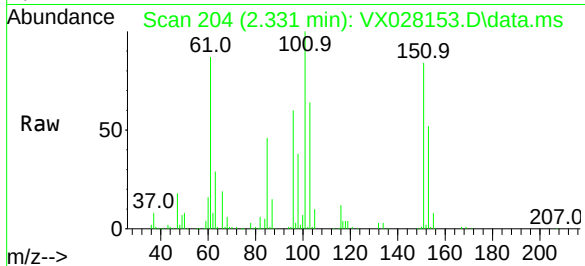




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 33.745 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

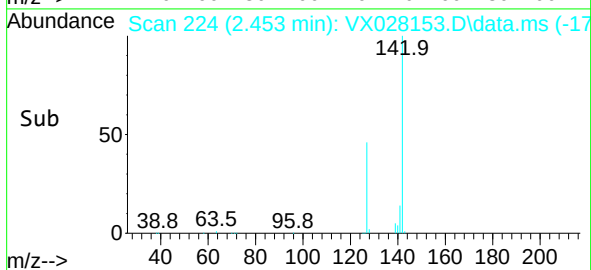
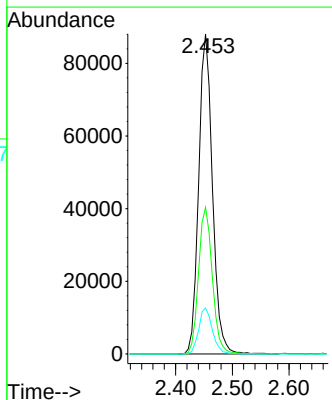
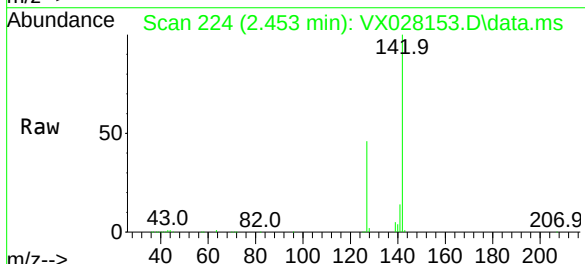
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

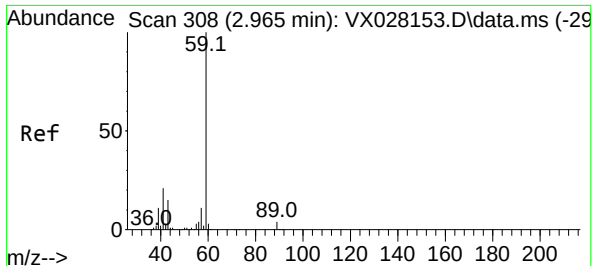
Tgt Ion:101 Resp: 98186  
Ion Ratio Lower Upper  
101 100  
85 46.8 33.5 50.3  
151 78.7 61.8 92.6



#10  
Methyl Iodide  
Concen: 43.421 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

Tgt Ion:142 Resp: 148517  
Ion Ratio Lower Upper  
142 100  
127 45.8 33.9 50.9  
141 14.3 11.4 17.2

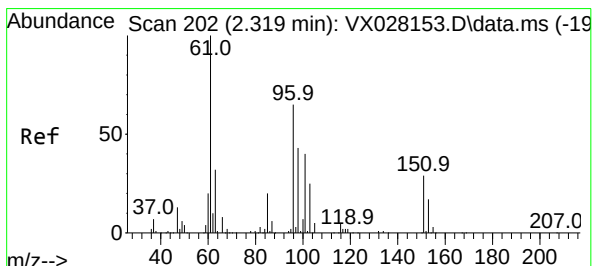
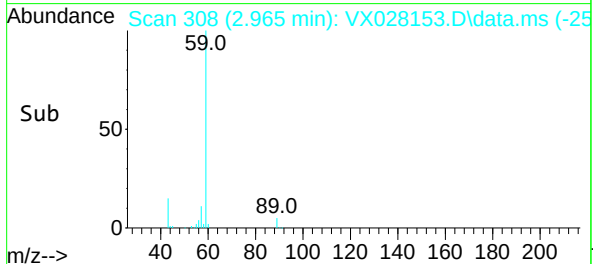
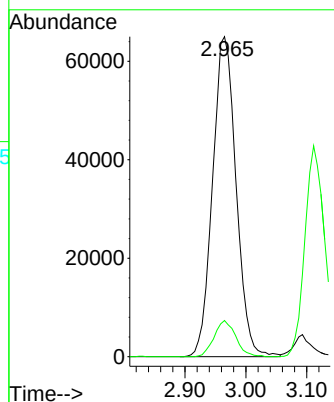
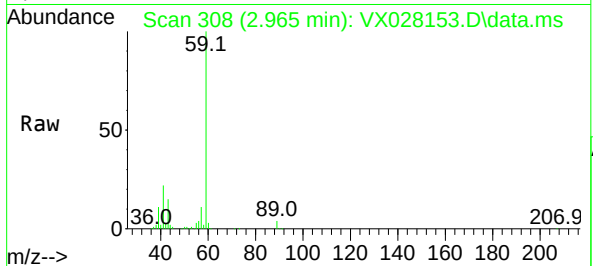




#11  
Tert butyl alcohol  
Concen: 190.945 ug/l  
RT: 2.965 min Scan# 308  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

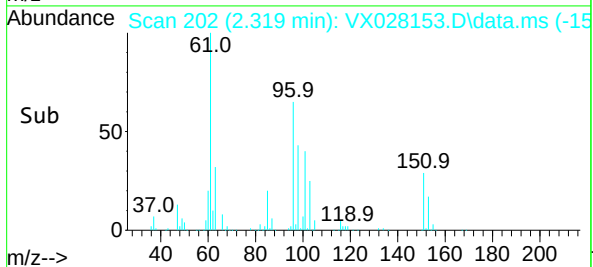
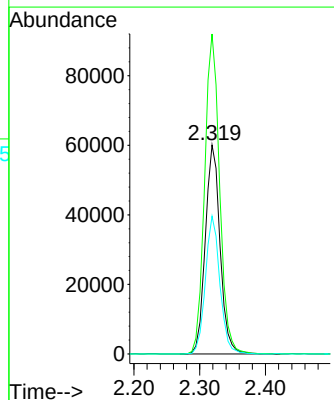
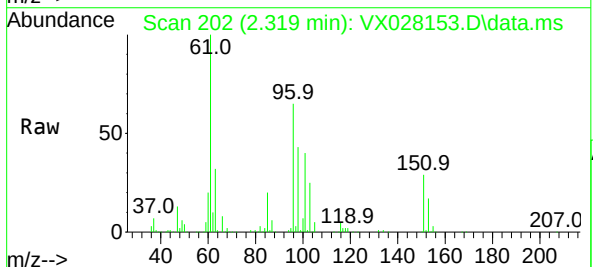
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

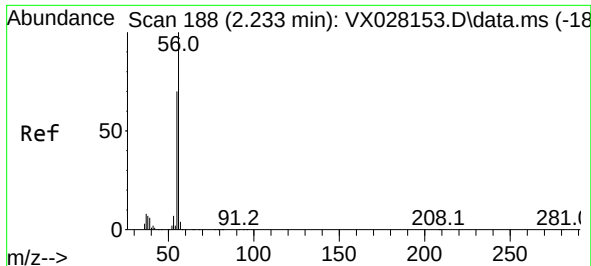
Tgt Ion: 59 Resp: 174267  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 32.931 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

Tgt Ion: 96 Resp: 93803  
Ion Ratio Lower Upper  
96 100  
61 153.2 124.6 187.0  
98 65.9 51.0 76.4

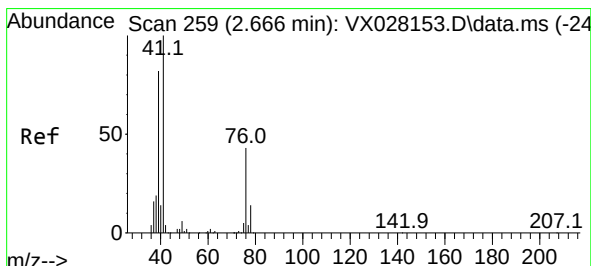
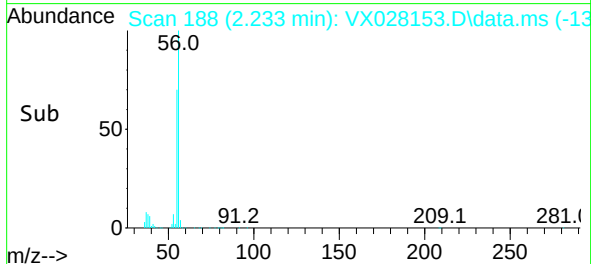
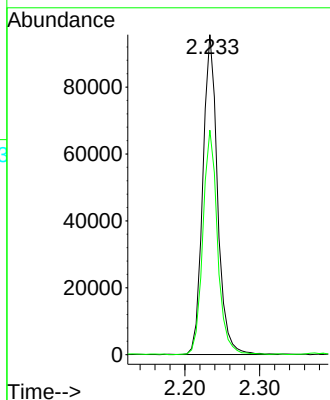
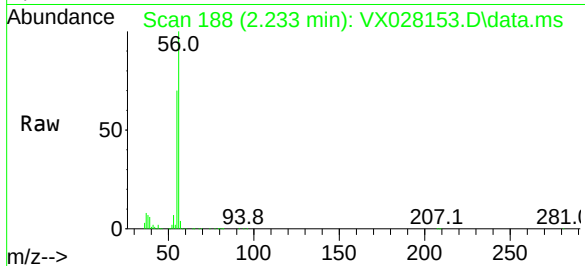




#13  
Acrolein  
Concen: 235.675 ug/l  
RT: 2.233 min Scan# 188  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

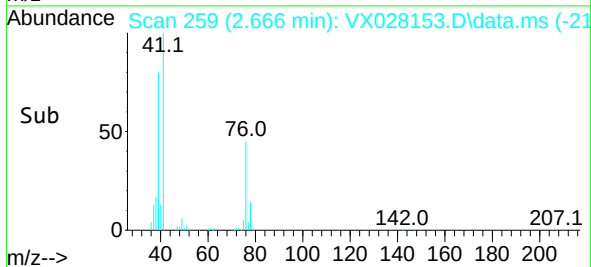
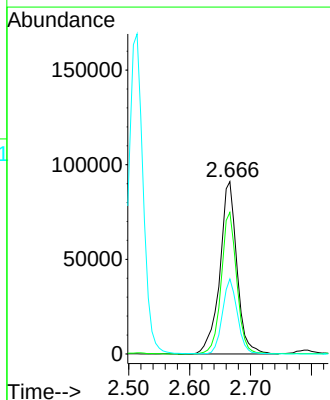
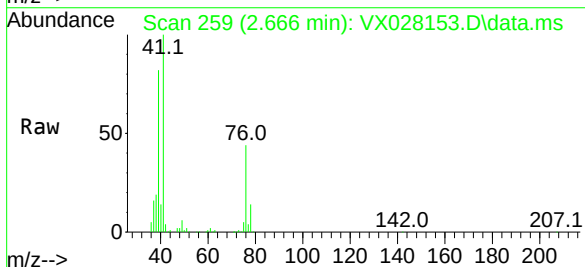
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

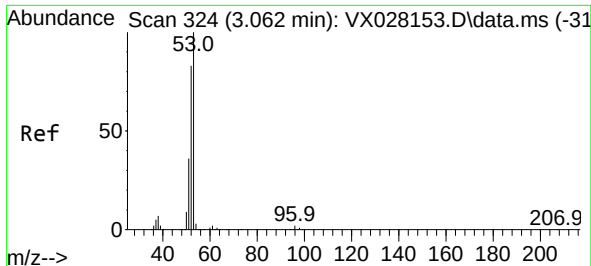
Tgt Ion: 56 Resp: 130375  
Ion Ratio Lower Upper  
56 100  
55 70.4 55.0 82.6



#14  
Allyl chloride  
Concen: 35.136 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

Tgt Ion: 41 Resp: 178279  
Ion Ratio Lower Upper  
41 100  
39 74.4 50.4 75.6  
76 38.0 32.7 49.1

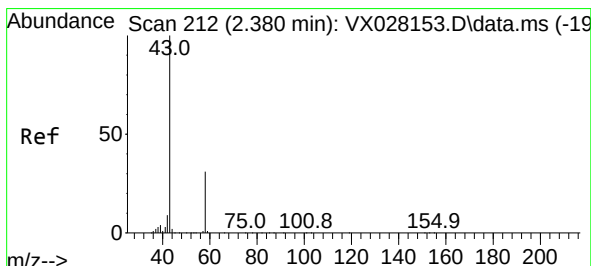
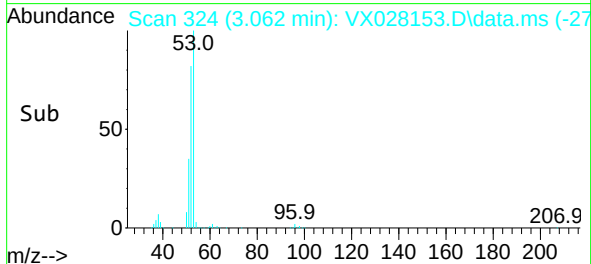
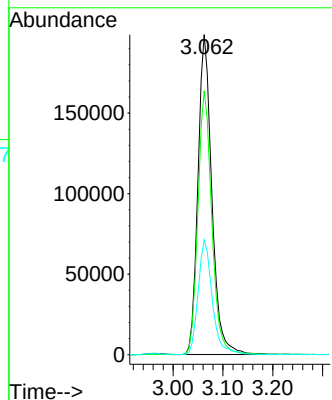
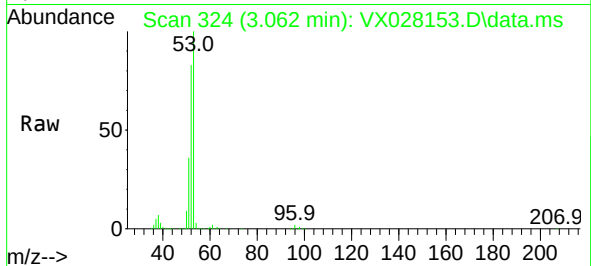




#15  
Acrylonitrile  
Concen: 201.762 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

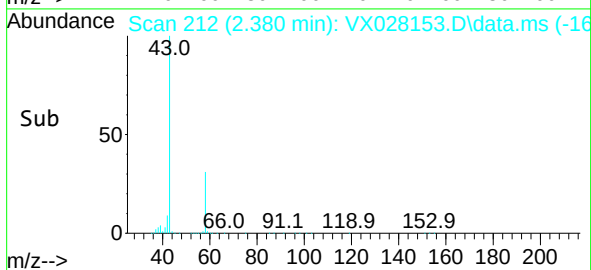
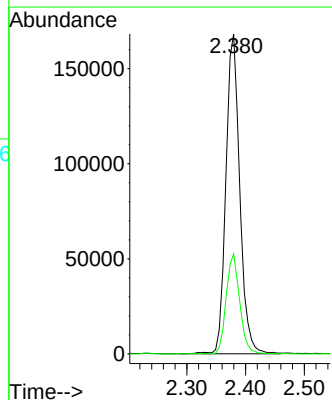
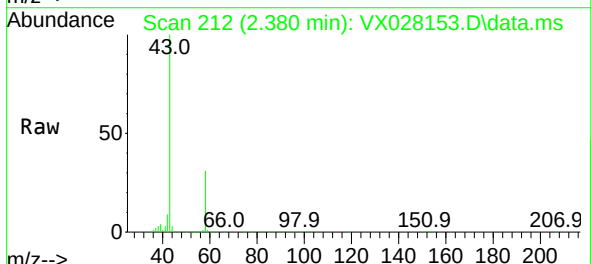
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

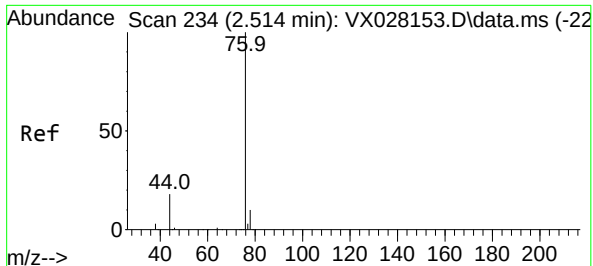
Tgt Ion: 53 Resp: 385389  
Ion Ratio Lower Upper  
53 100  
52 82.5 65.7 98.5  
51 36.9 28.4 42.6



#16  
Acetone  
Concen: 169.113 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

Tgt Ion: 43 Resp: 275807  
Ion Ratio Lower Upper  
43 100  
58 31.3 28.8 43.2





#17

Carbon Disulfide

Concen: 37.015 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX028153.D

Acq: 19 Apr 2022 12:19

Instrument :

MSVOA\_X

ClientSampleId :

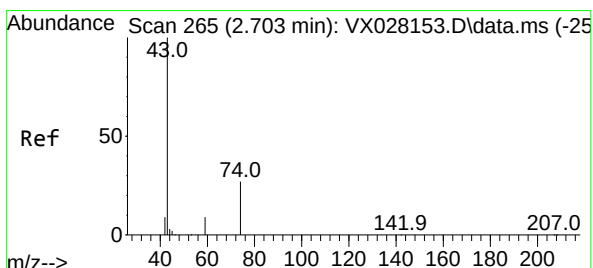
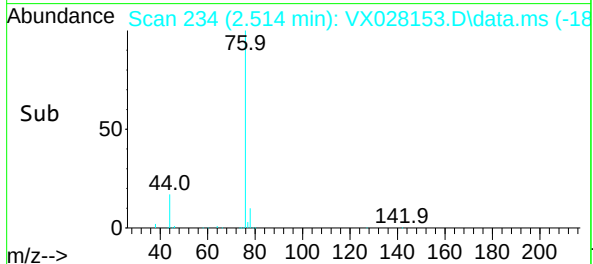
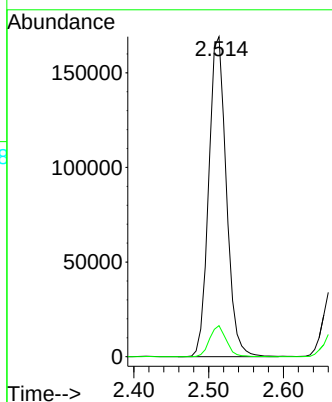
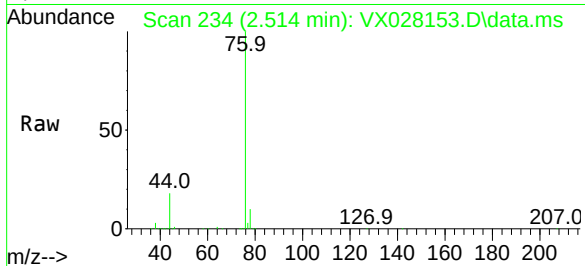
VSTDICCC050

Tgt Ion: 76 Resp: 277176

Ion Ratio Lower Upper

76 100

78 9.7 7.2 10.8



#18

Methyl Acetate

Concen: 35.564 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX028153.D

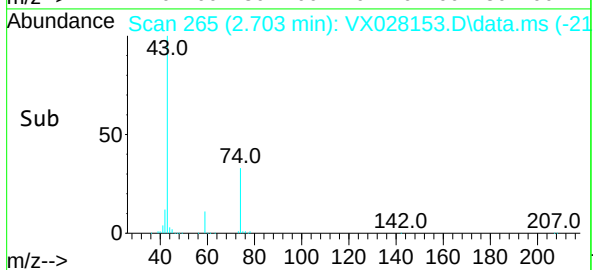
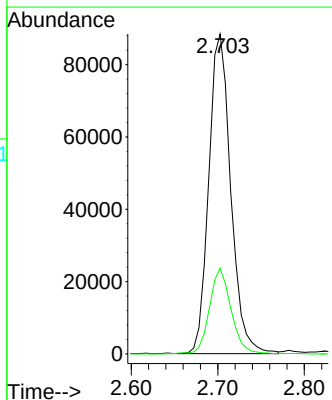
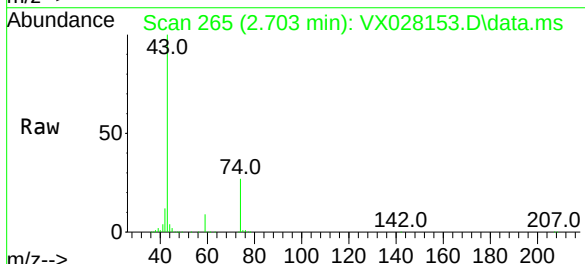
Acq: 19 Apr 2022 12:19

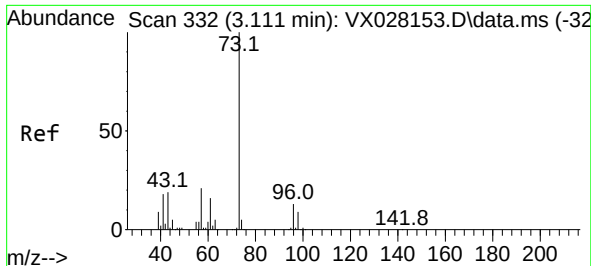
Tgt Ion: 43 Resp: 155747

Ion Ratio Lower Upper

43 100

74 26.4 22.8 34.2

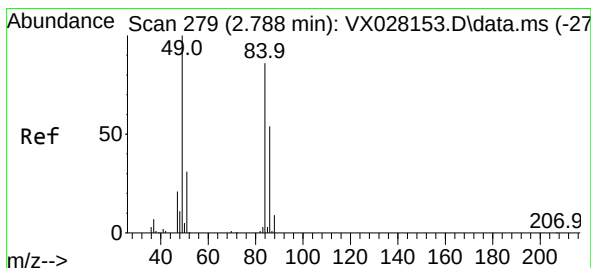
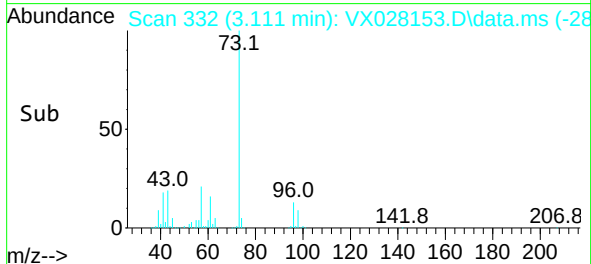
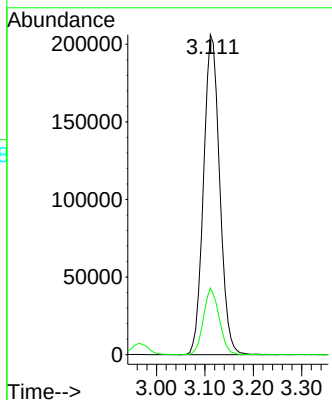
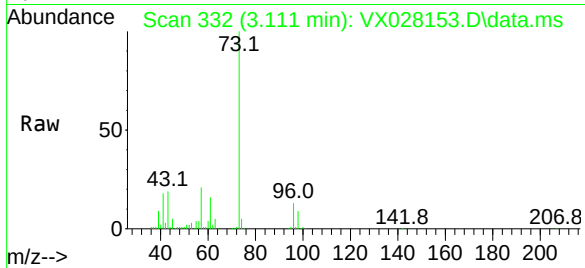




#19  
Methyl tert-butyl Ether  
Concen: 43.493 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

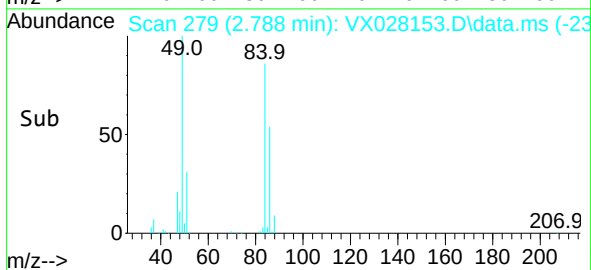
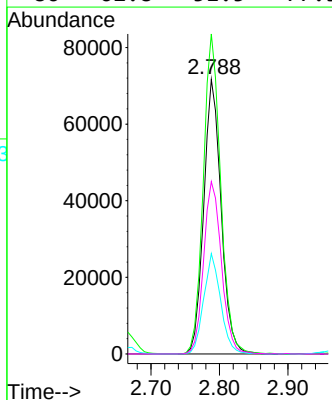
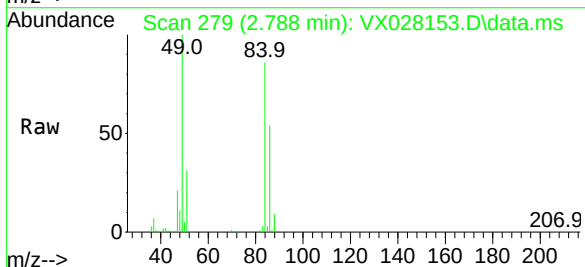
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

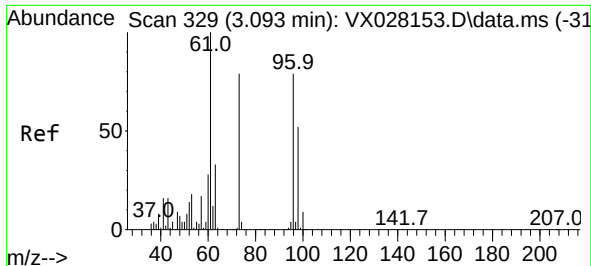
Tgt Ion: 73 Resp: 477560  
Ion Ratio Lower Upper  
73 100  
57 20.8 16.8 25.2



#20  
Methylene Chloride  
Concen: 38.440 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

Tgt Ion: 84 Resp: 126717  
Ion Ratio Lower Upper  
84 100  
49 116.5 85.5 128.3  
51 36.5 26.6 39.8  
86 62.8 51.5 77.3

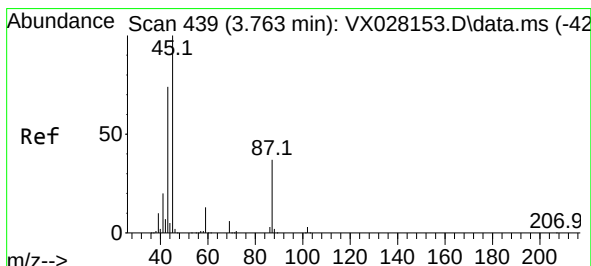
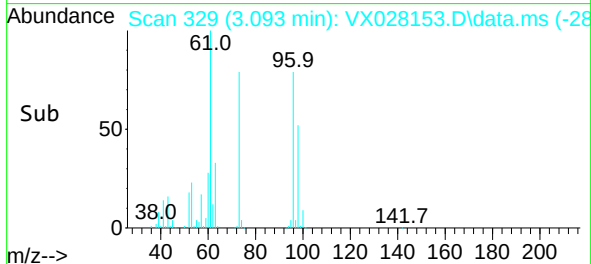
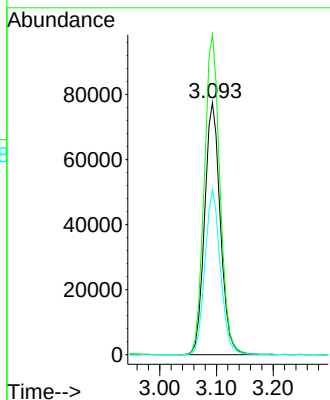
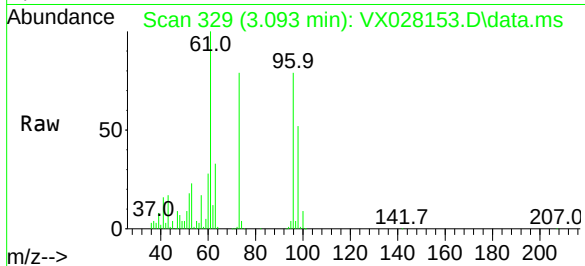




#21  
trans-1,2-Dichloroethene  
Concen: 42.493 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

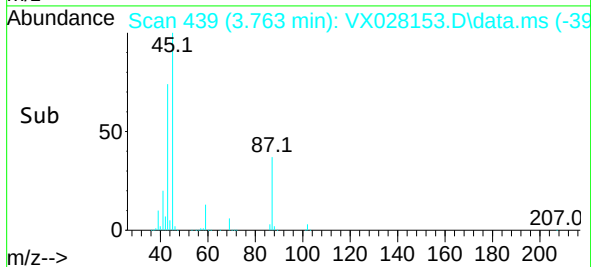
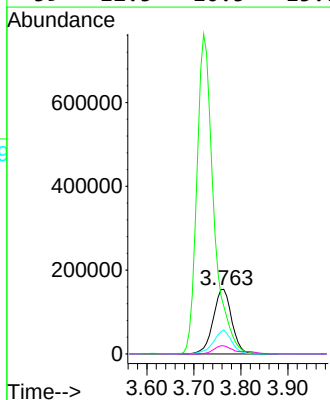
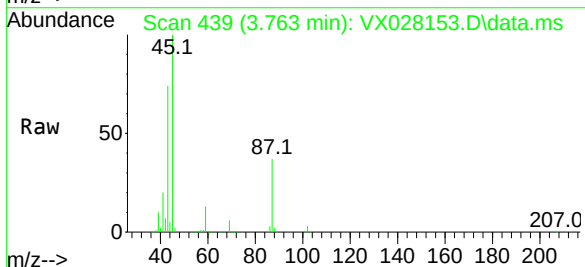
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

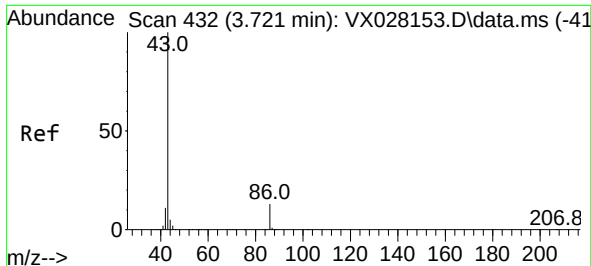
Tgt Ion: 96 Resp: 149592  
Ion Ratio Lower Upper  
96 100  
61 127.0 105.4 158.2  
98 65.4 50.0 75.0



#22  
Diisopropyl ether  
Concen: 38.883 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

Tgt Ion: 45 Resp: 423873  
Ion Ratio Lower Upper  
45 100  
43 73.8 50.8 76.2  
87 37.1 26.6 39.8  
59 12.5 10.5 15.7

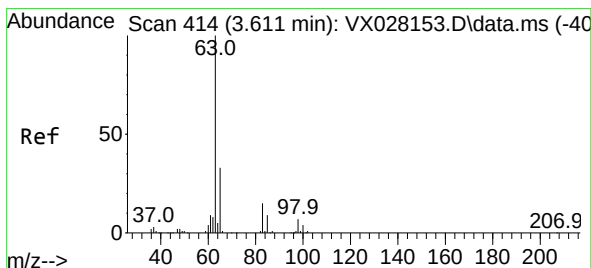
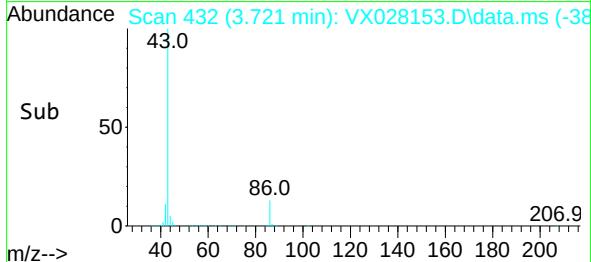
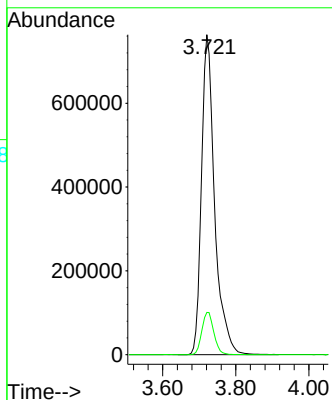
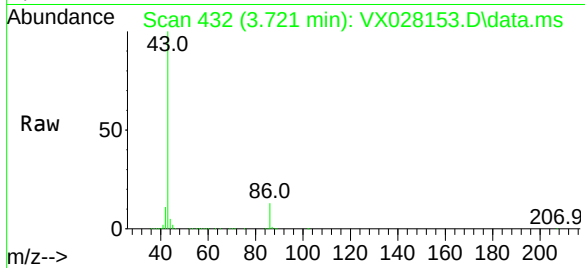




#23  
 Vinyl Acetate  
 Concen: 197.394 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: VX028153.D  
 Acq: 19 Apr 2022 12:19

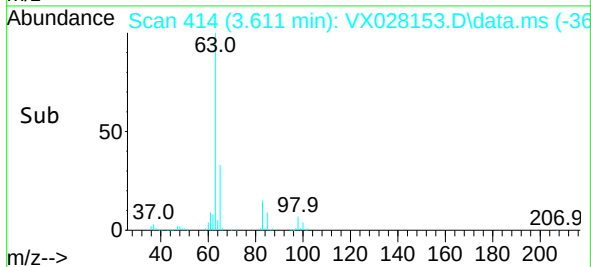
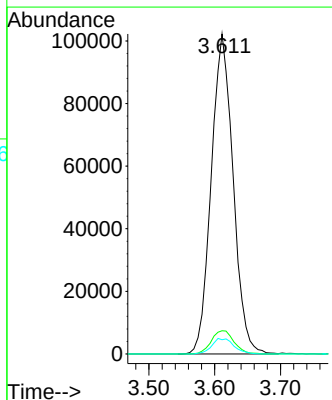
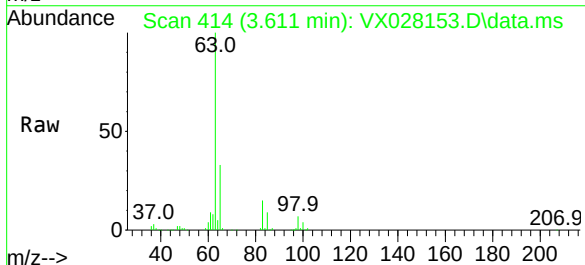
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

Tgt Ion: 43 Resp: 1904284  
 Ion Ratio Lower Upper  
 43 100  
 86 13.2 10.8 16.2

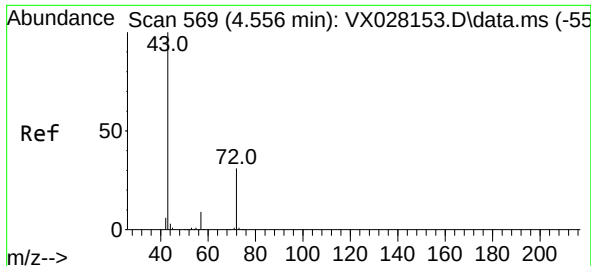


#24  
 1,1-Dichloroethane  
 Concen: 39.878 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: VX028153.D  
 Acq: 19 Apr 2022 12:19

Tgt Ion: 63 Resp: 236568  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 3.9 11.7  
 100 4.5 2.4 7.2



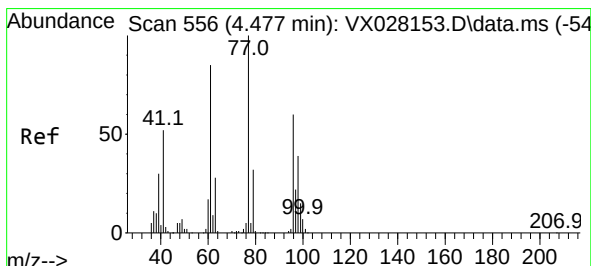
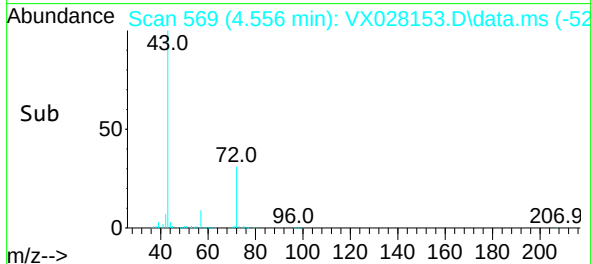
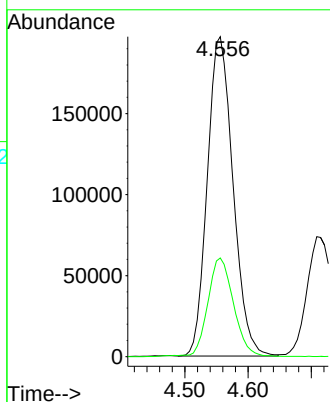
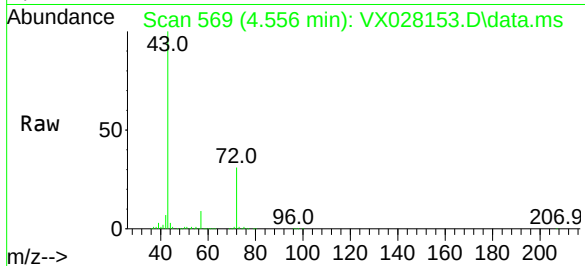




#25  
2-Butanone  
Concen: 195.448 ug/l  
RT: 4.556 min Scan# 569  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

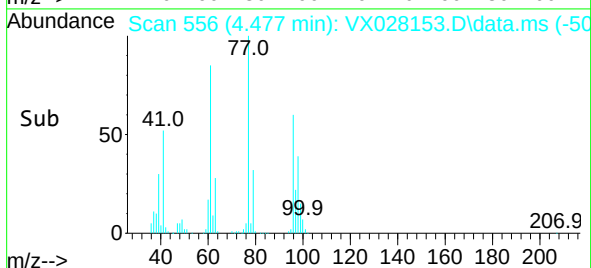
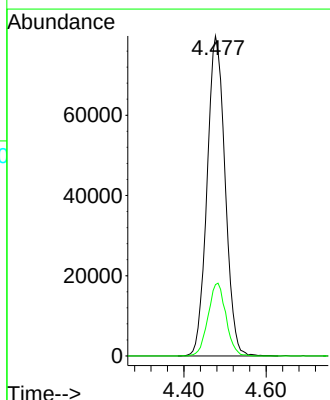
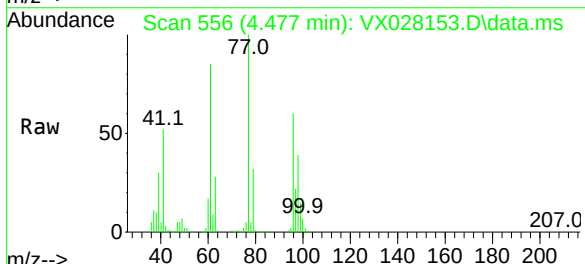
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

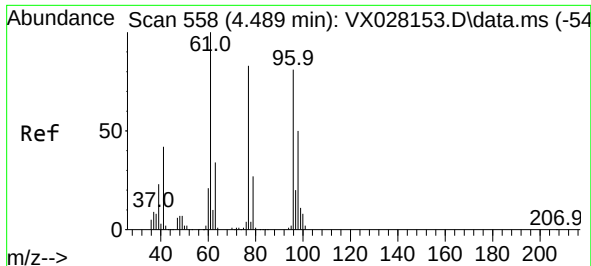
Tgt Ion: 43 Resp: 556951  
Ion Ratio Lower Upper  
43 100  
72 30.7 24.4 36.6



#26  
2,2-Dichloropropane  
Concen: 43.487 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

Tgt Ion: 77 Resp: 242793  
Ion Ratio Lower Upper  
77 100  
97 22.6 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 44.405 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX028153.D

Acq: 19 Apr 2022 12:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

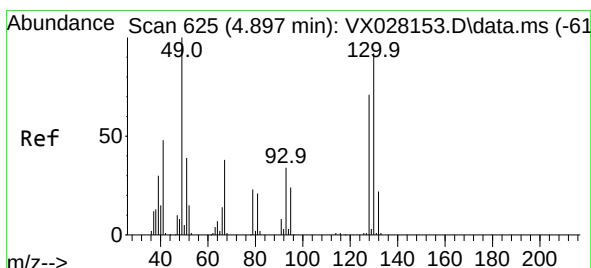
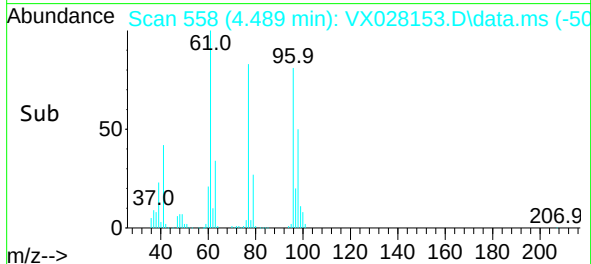
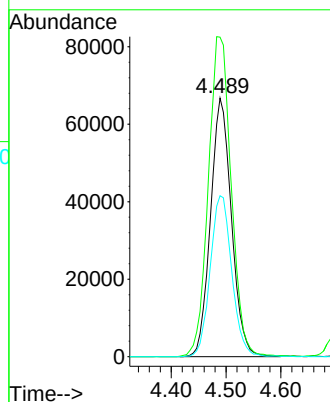
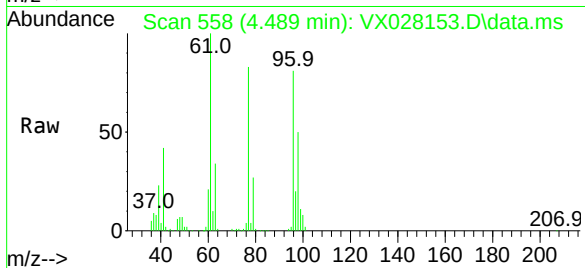
Tgt Ion: 96 Resp: 177136

Ion Ratio Lower Upper

96 100

61 135.5 0.0 283.8

98 64.0 0.0 129.8



#28

Bromochloromethane

Concen: 43.150 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX028153.D

Acq: 19 Apr 2022 12:19

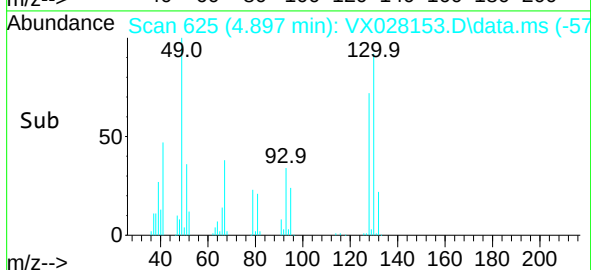
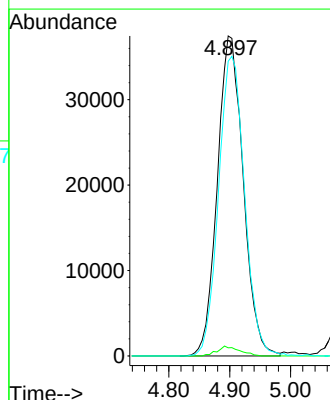
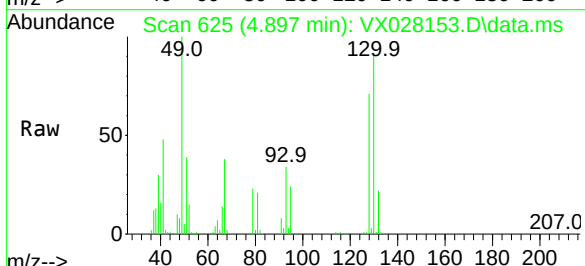
Tgt Ion: 49 Resp: 110602

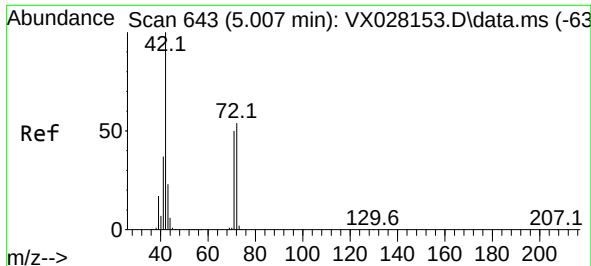
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.4

130 94.1 70.7 106.1





#29

Tetrahydrofuran

Concen: 193.783 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX028153.D

Acq: 19 Apr 2022 12:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

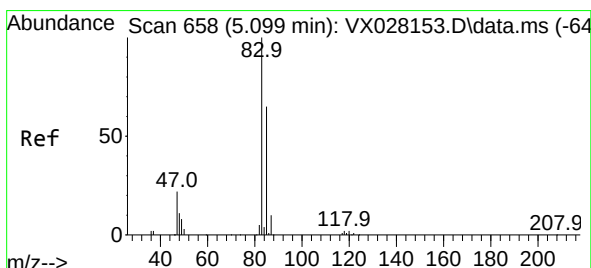
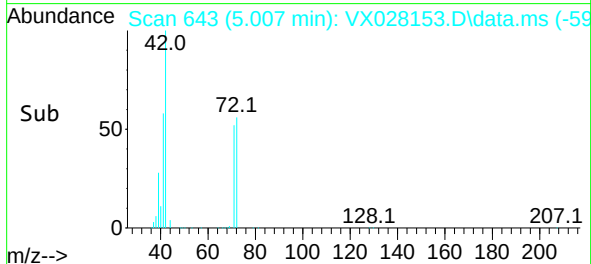
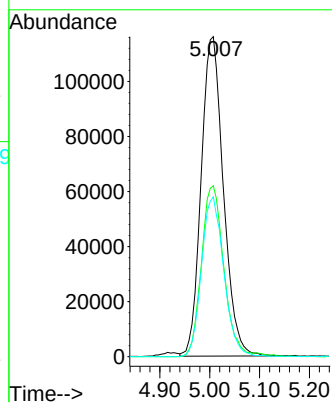
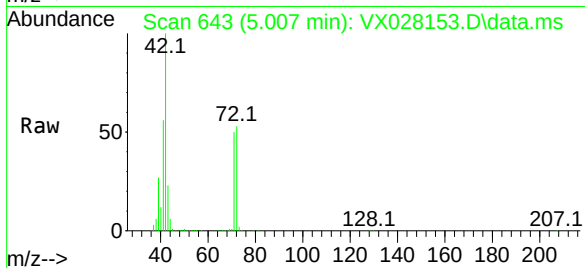
Tgt Ion: 42 Resp: 359370

Ion Ratio Lower Upper

42 100

72 54.4 44.1 66.1

71 50.2 40.5 60.7



#30

Chloroform

Concen: 44.797 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX028153.D

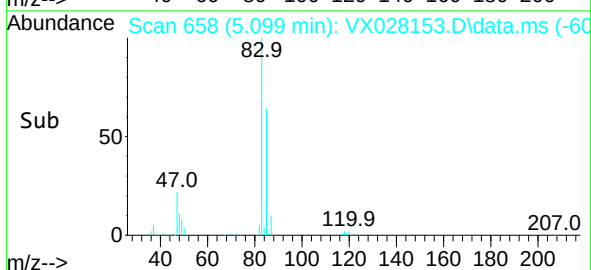
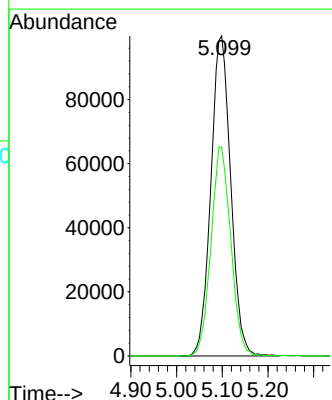
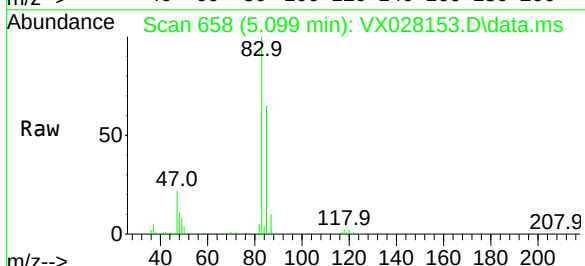
Acq: 19 Apr 2022 12:19

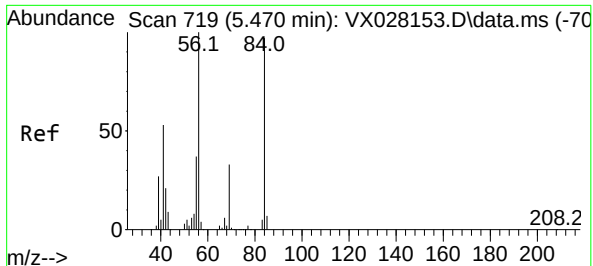
Tgt Ion: 83 Resp: 301196

Ion Ratio Lower Upper

83 100

85 65.3 52.7 79.1

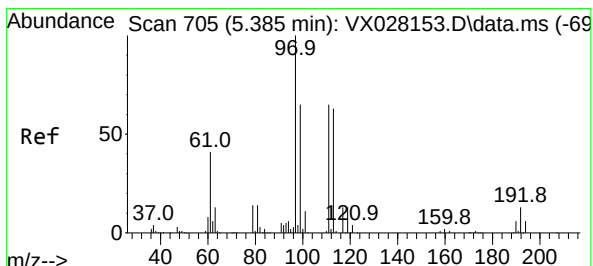
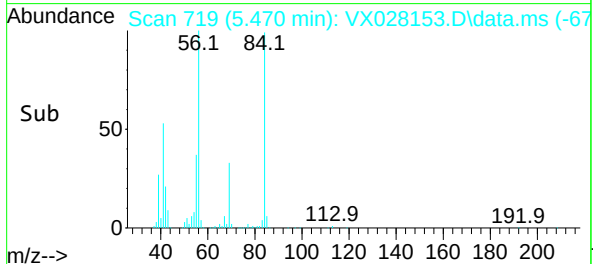
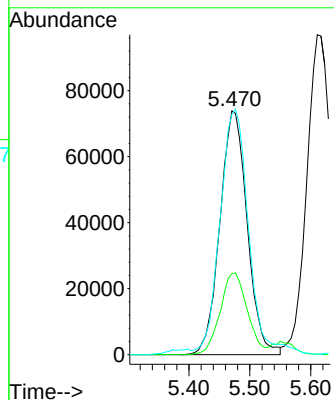
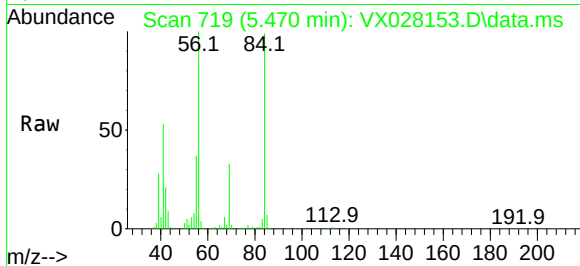




#31  
Cyclohexane  
Concen: 41.978 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

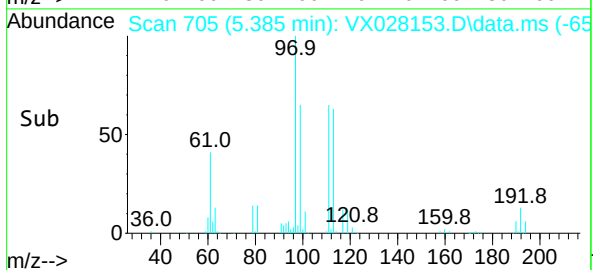
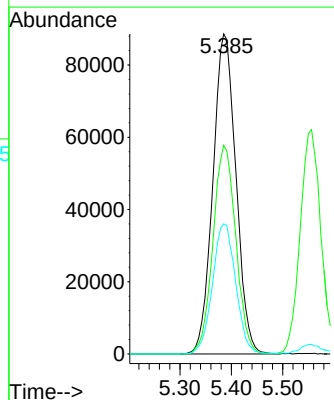
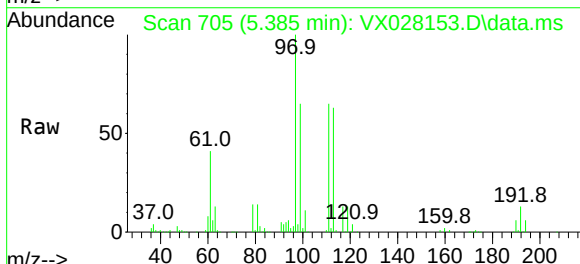
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

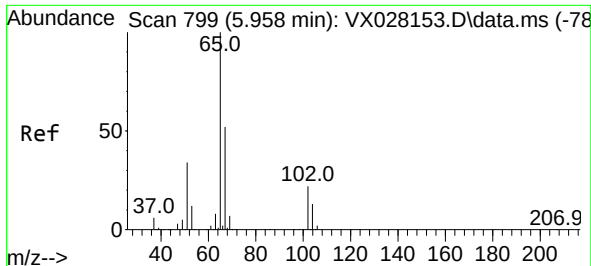
Tgt Ion: 56 Resp: 229533  
Ion Ratio Lower Upper  
56 100  
69 33.3 26.7 40.1  
84 96.6 77.2 115.8



#32  
1,1,1-Trichloroethane  
Concen: 45.263 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

Tgt Ion: 97 Resp: 276502  
Ion Ratio Lower Upper  
97 100  
99 64.4 51.8 77.6  
61 40.9 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 46.275 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028153.D

Acq: 19 Apr 2022 12:19

Instrument :

MSVOA\_X

ClientSampleId :

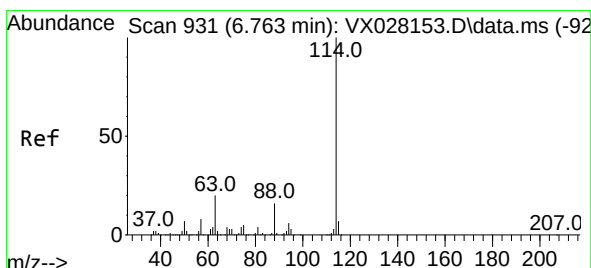
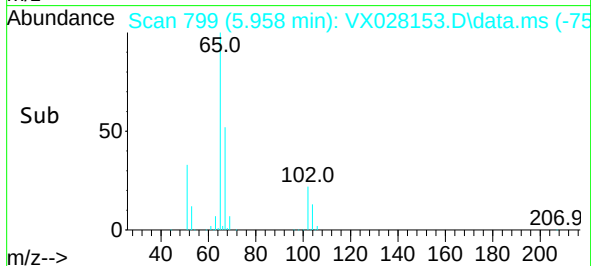
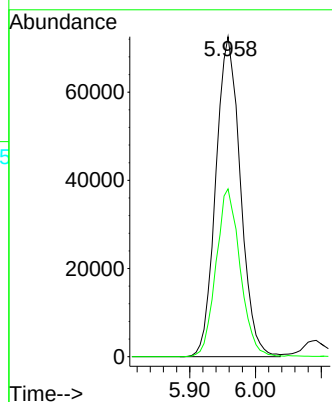
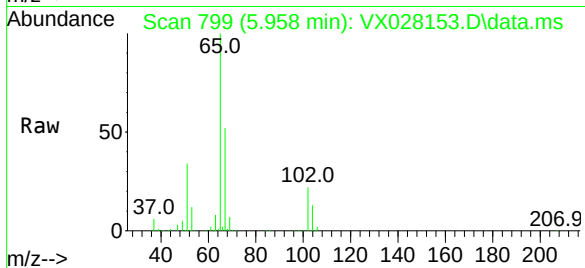
VSTDICCC050

Tgt Ion: 65 Resp: 188910

Ion Ratio Lower Upper

65 100

67 51.4 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028153.D

Acq: 19 Apr 2022 12:19

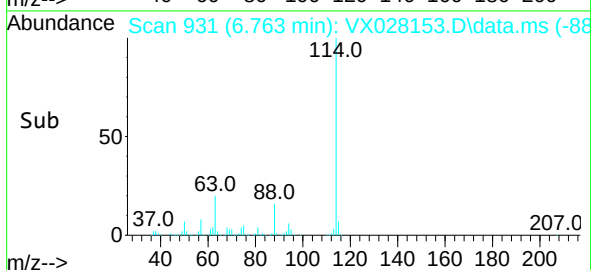
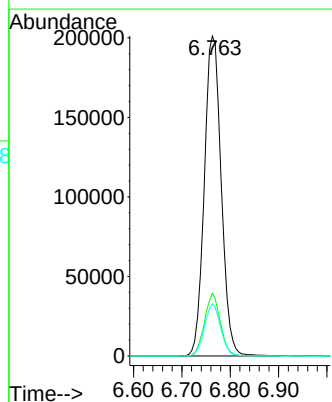
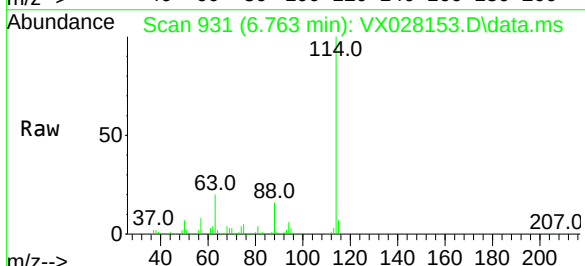
Tgt Ion: 114 Resp: 488991

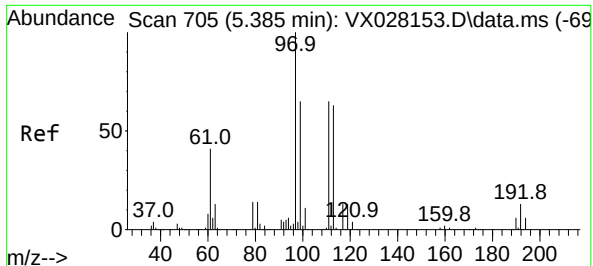
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.8

88 16.3 0.0 32.4

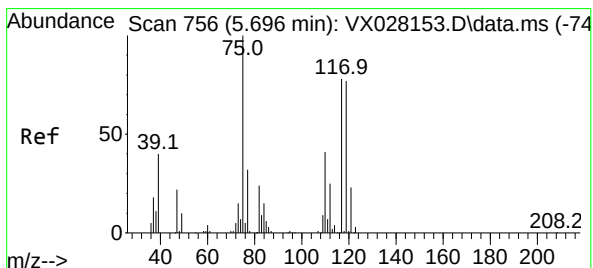
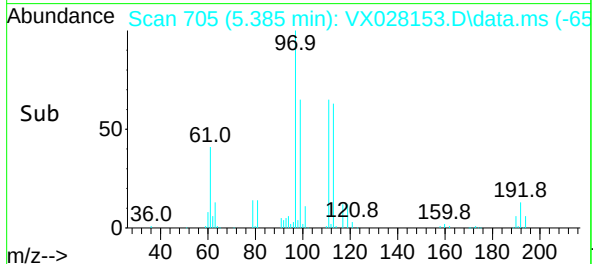
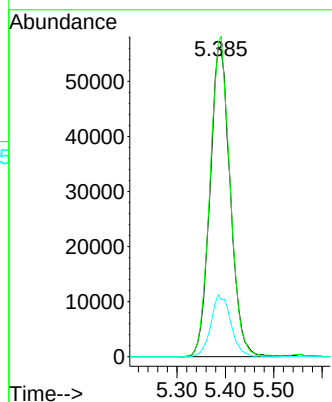
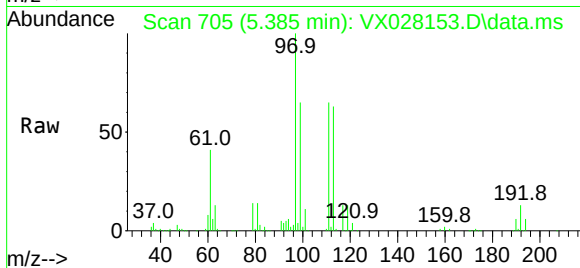




#35  
Dibromofluoromethane  
Concen: 50.418 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

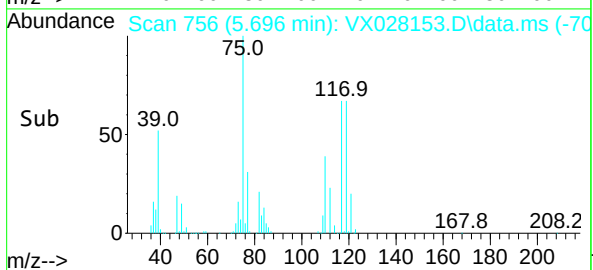
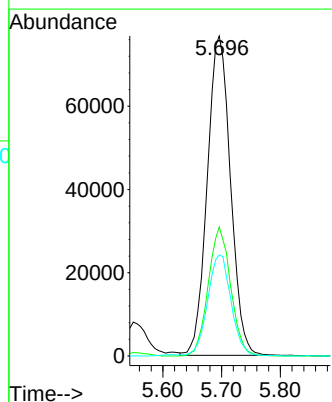
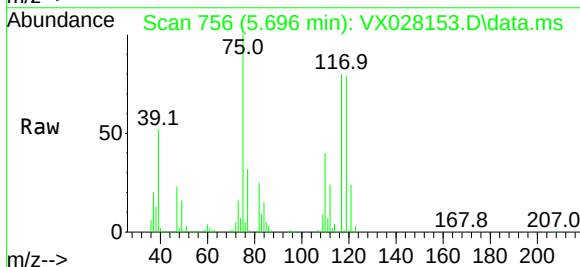
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

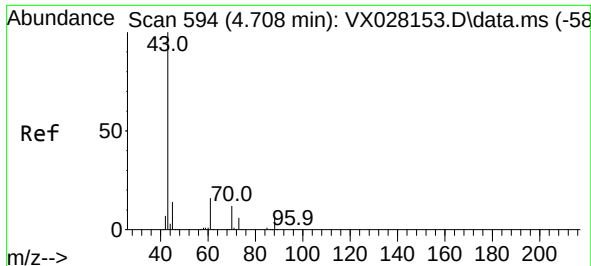
Tgt Ion:113 Resp: 163856  
Ion Ratio Lower Upper  
113 100  
111 101.7 82.8 124.2  
192 19.6 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 43.705 ug/l  
RT: 5.696 min Scan# 756  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

Tgt Ion: 75 Resp: 210958  
Ion Ratio Lower Upper  
75 100  
110 38.9 18.3 54.8  
77 31.6 24.8 37.2

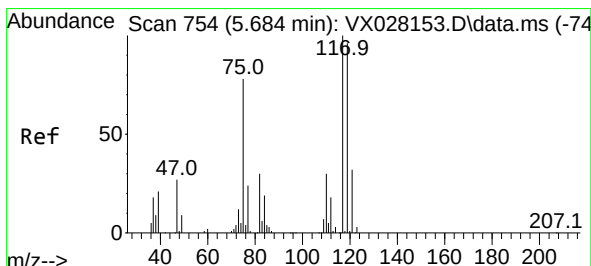
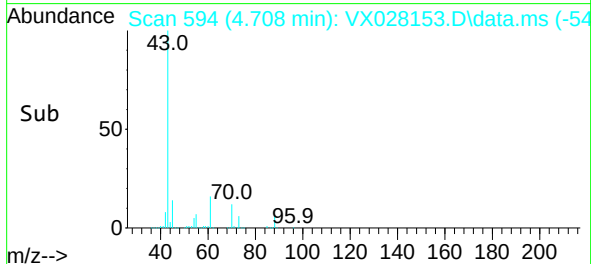
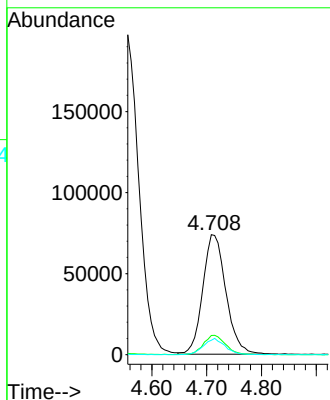
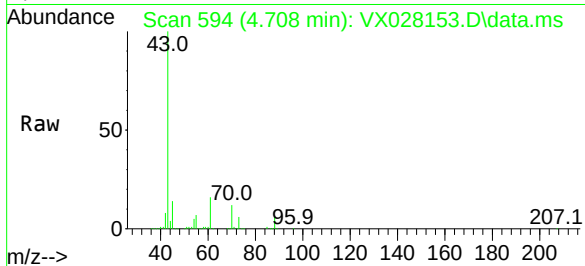




#37  
Ethyl Acetate  
Concen: 39.135 ug/l  
RT: 4.708 min Scan# 594  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

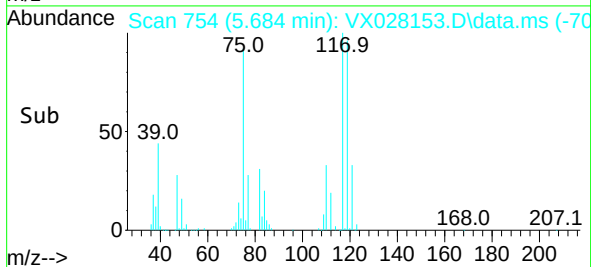
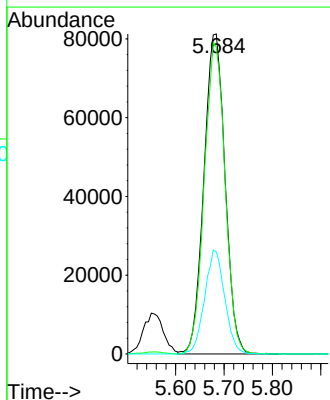
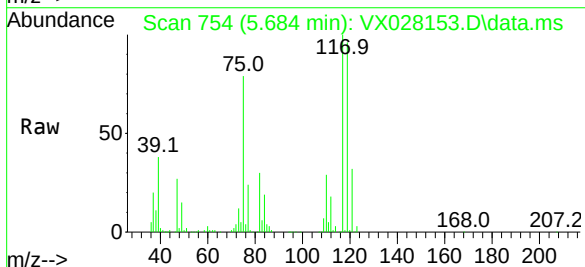
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

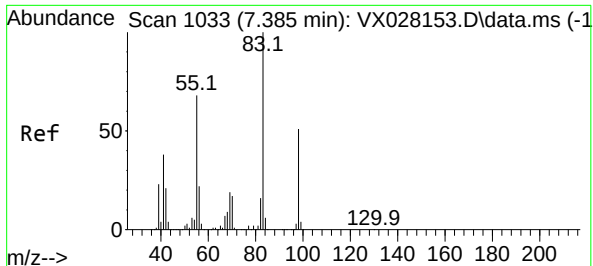
Tgt Ion: 43 Resp: 215957  
Ion Ratio Lower Upper  
43 100  
61 15.7 12.6 19.0  
70 12.6 10.2 15.2



#38  
Carbon Tetrachloride  
Concen: 47.278 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

Tgt Ion: 117 Resp: 246690  
Ion Ratio Lower Upper  
117 100  
119 95.9 77.3 115.9  
121 31.9 24.2 36.2





#39

Methylcyclohexane

Concen: 46.663 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX028153.D

Acq: 19 Apr 2022 12:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

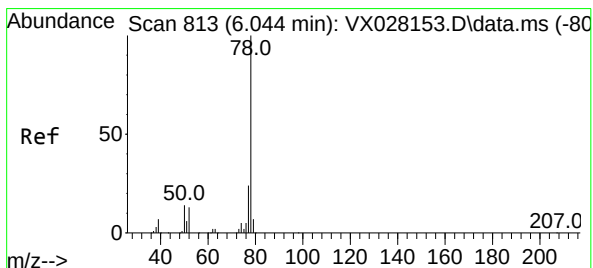
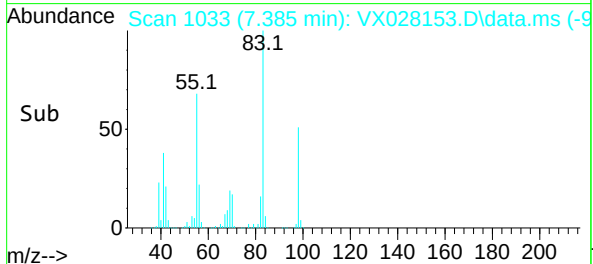
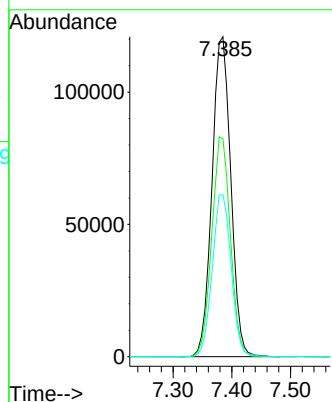
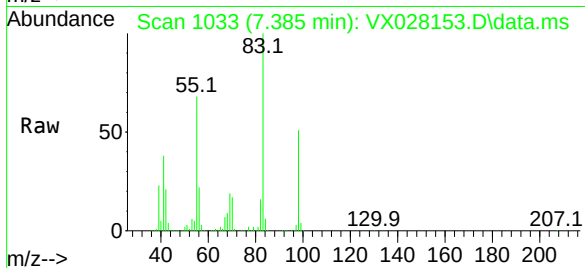
Tgt Ion: 83 Resp: 268657

Ion Ratio Lower Upper

83 100

55 68.1 54.6 81.8

98 50.6 37.4 56.2



#40

Benzene

Concen: 45.040 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX028153.D

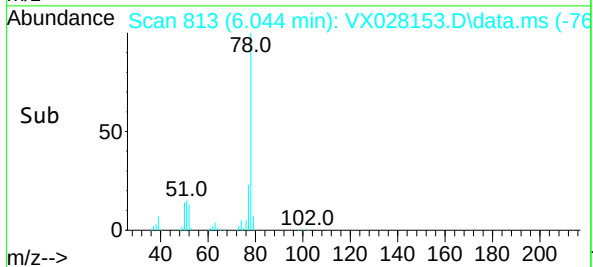
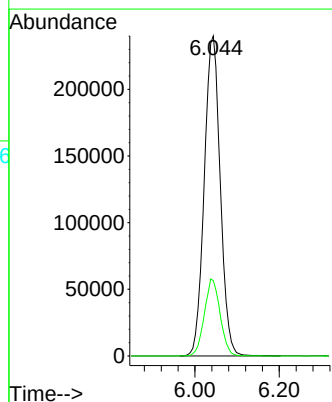
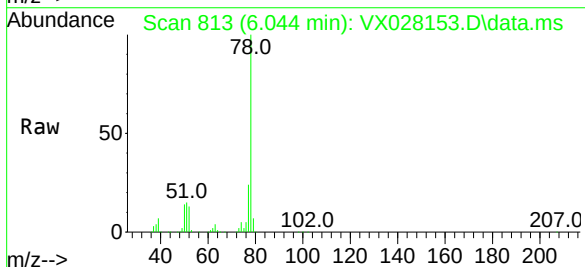
Acq: 19 Apr 2022 12:19

Tgt Ion: 78 Resp: 633472

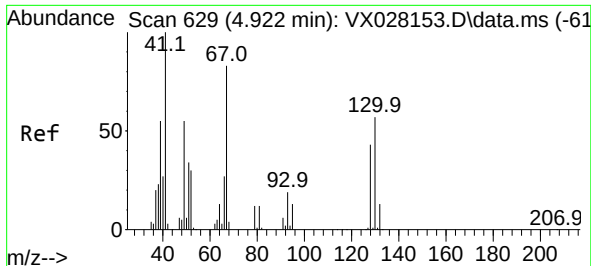
Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9



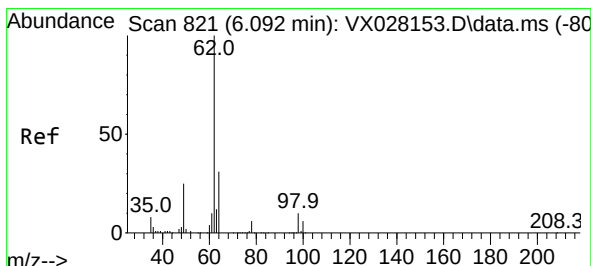
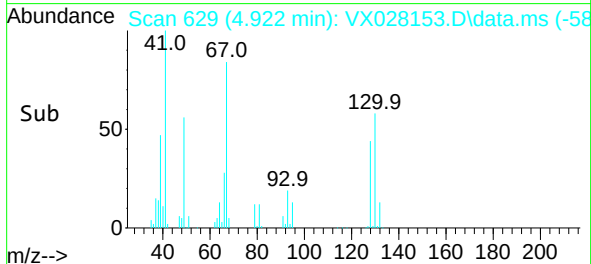
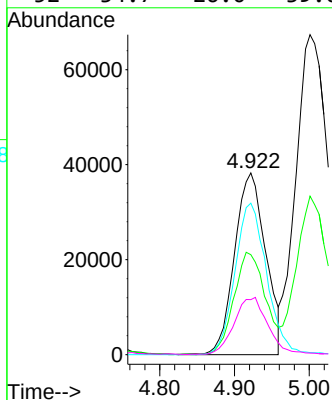
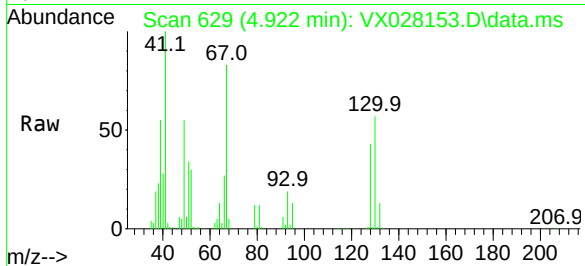




#41  
Methacrylonitrile  
Concen: 37.746 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

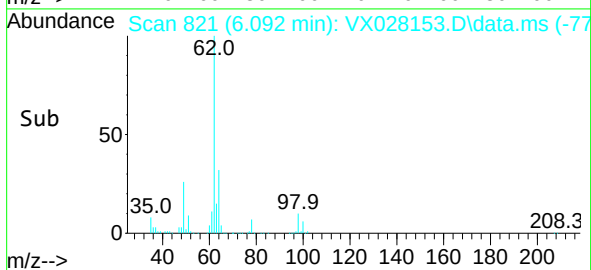
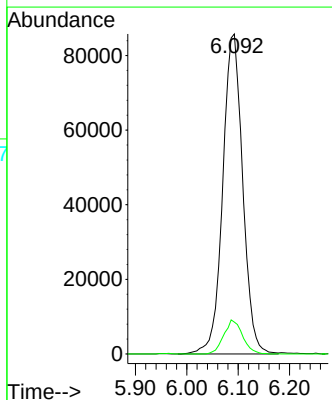
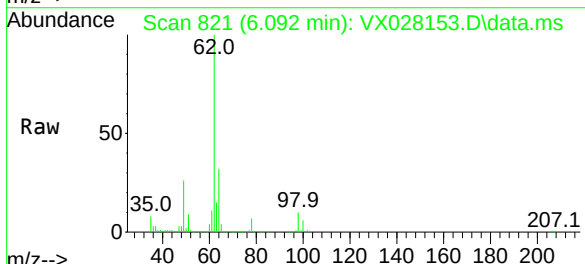
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

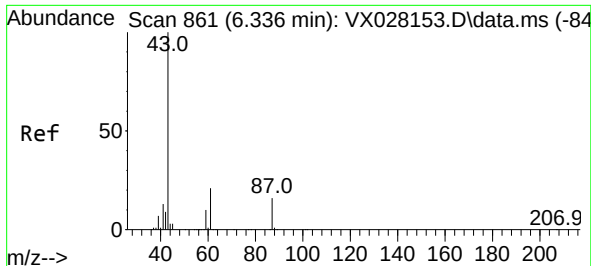
Tgt Ion: 41 Resp: 110875  
Ion Ratio Lower Upper  
41 100  
39 57.0 43.0 64.4  
67 85.5 70.2 105.4  
52 34.7 26.0 39.0



#42  
1,2-Dichloroethane  
Concen: 43.815 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

Tgt Ion: 62 Resp: 231665  
Ion Ratio Lower Upper  
62 100  
98 10.0 0.0 20.4

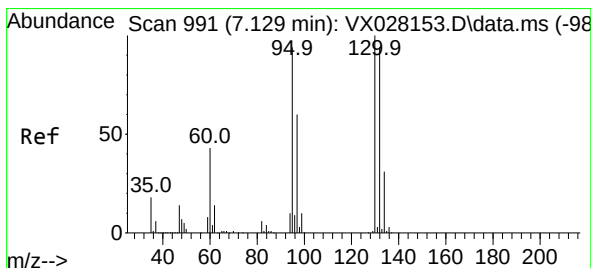
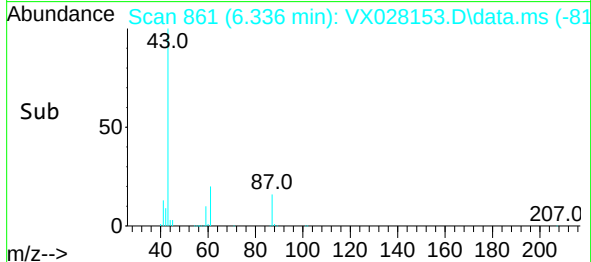
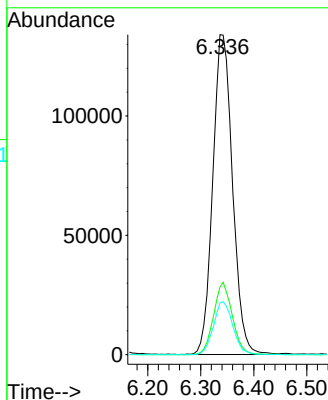
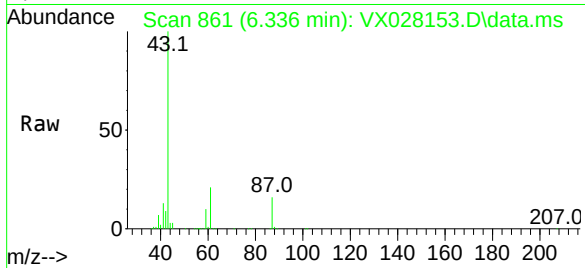




#43  
Isopropyl Acetate  
Concen: 37.843 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

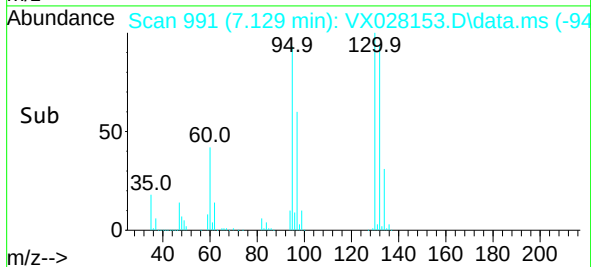
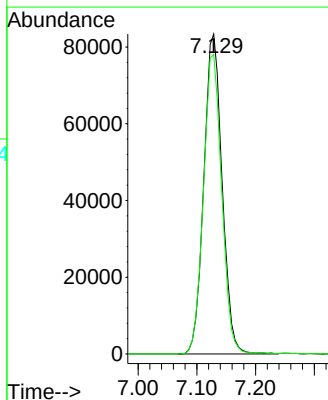
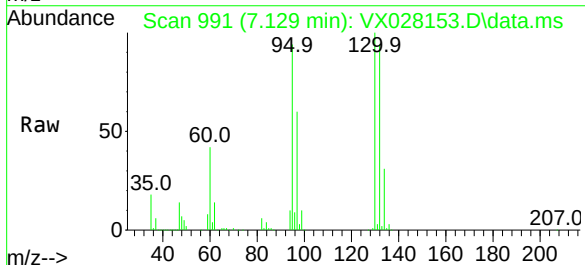
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

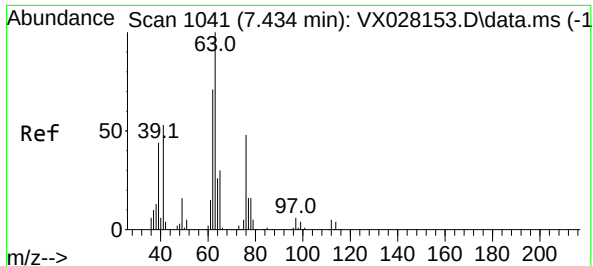
Tgt Ion: 43 Resp: 346942  
Ion Ratio Lower Upper  
43 100  
61 21.4 18.5 27.7  
87 16.4 13.0 19.6



#44  
Trichloroethene  
Concen: 47.821 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

Tgt Ion:130 Resp: 180646  
Ion Ratio Lower Upper  
130 100  
95 93.5 0.0 188.8





#45

1,2-Dichloropropane

Concen: 42.939 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX028153.D

Acq: 19 Apr 2022 12:19

Instrument :

MSVOA\_X

ClientSampleId :

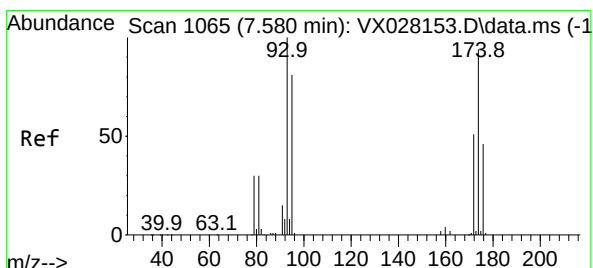
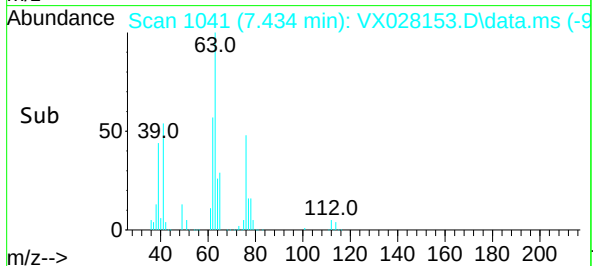
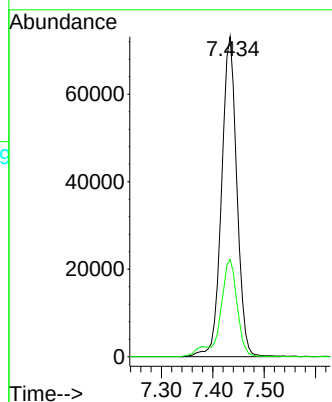
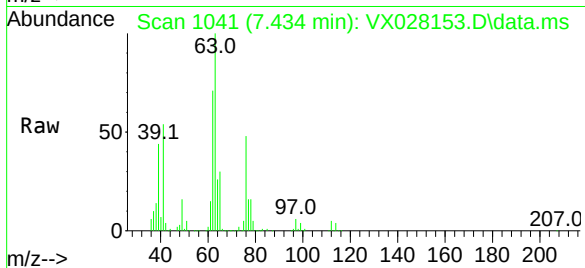
VSTDICCC050

Tgt Ion: 63 Resp: 151265

Ion Ratio Lower Upper

63 100

65 30.4 25.8 38.6



#46

Dibromomethane

Concen: 45.171 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX028153.D

Acq: 19 Apr 2022 12:19

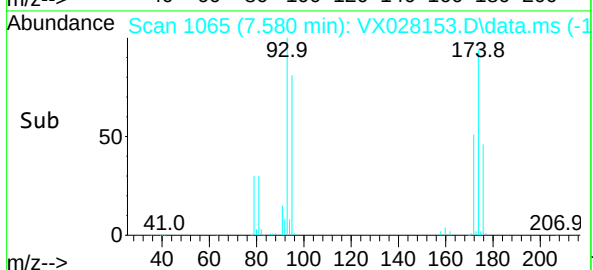
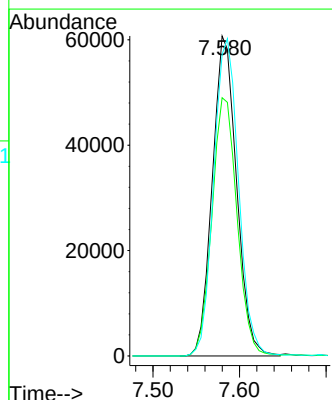
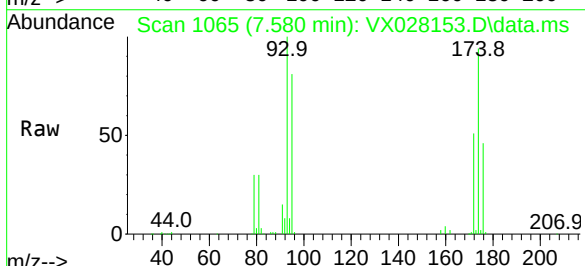
Tgt Ion: 93 Resp: 118319

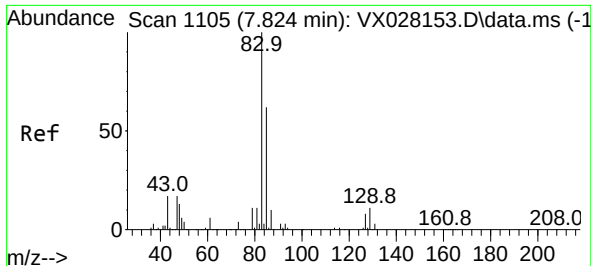
Ion Ratio Lower Upper

93 100

95 83.6 65.8 98.6

174 101.3 85.4 128.2

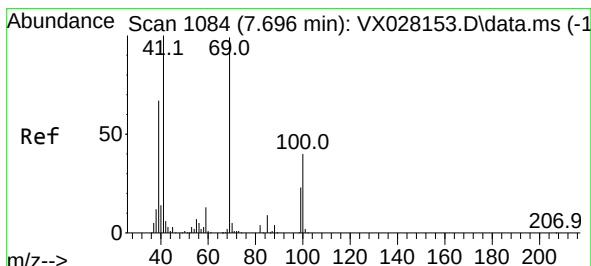
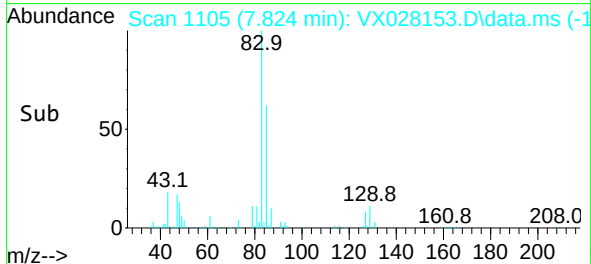
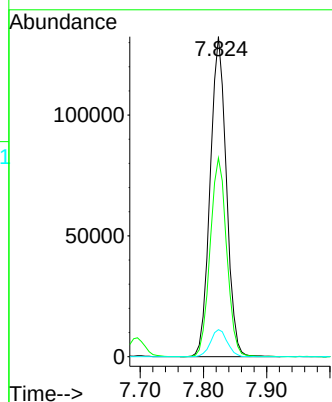
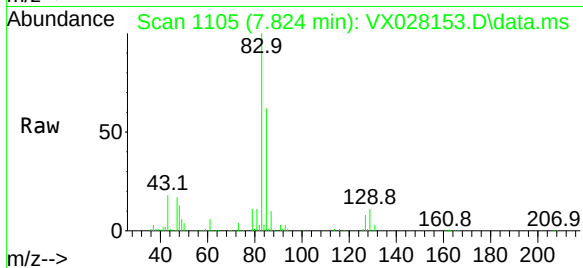




#47  
Bromodichloromethane  
Concen: 46.480 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

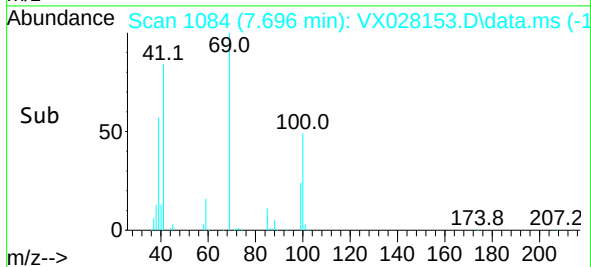
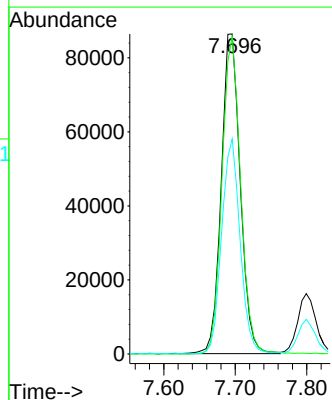
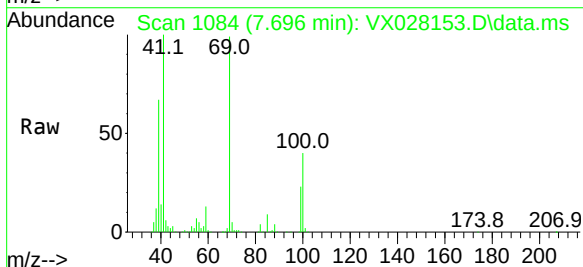
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

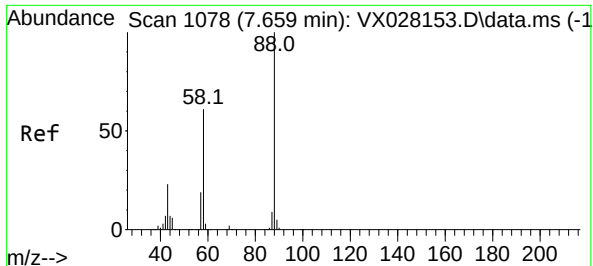
Tgt Ion: 83 Resp: 235551  
Ion Ratio Lower Upper  
83 100  
85 62.1 52.2 78.2  
127 8.5 6.8 10.2



#48  
Methyl methacrylate  
Concen: 37.897 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

Tgt Ion: 41 Resp: 159466  
Ion Ratio Lower Upper  
41 100  
69 97.5 82.5 123.7  
39 65.6 43.8 65.8





#49

1,4-Dioxane

Concen: 924.434 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX028153.D

Acq: 19 Apr 2022 12:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

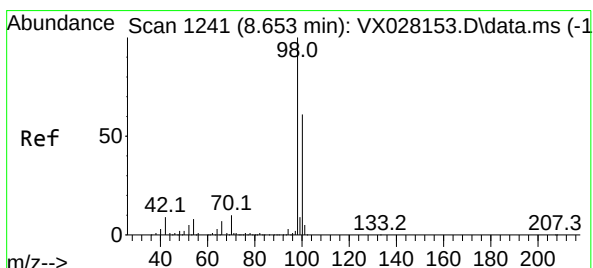
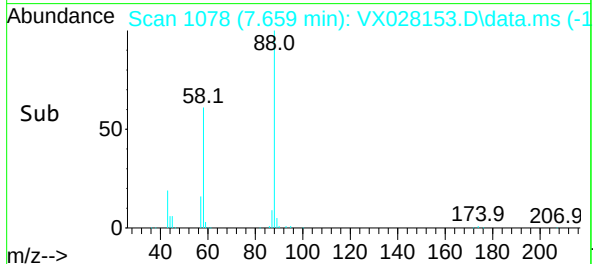
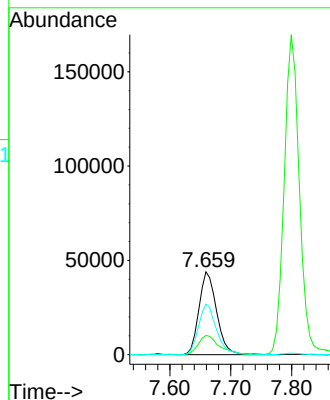
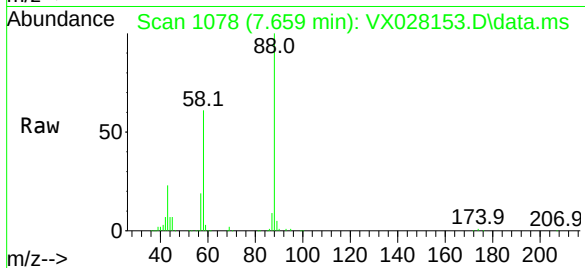
Tgt Ion: 88 Resp: 88430

Ion Ratio Lower Upper

88 100

43 27.7 21.9 32.9

58 62.5 53.7 80.5



#50

Toluene-d8

Concen: 52.541 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX028153.D

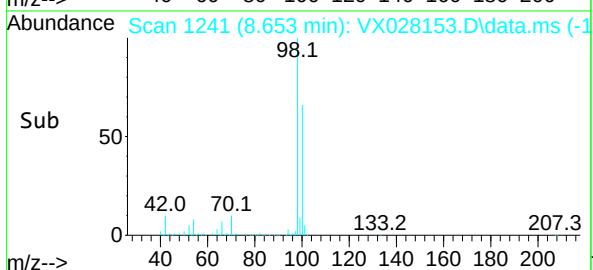
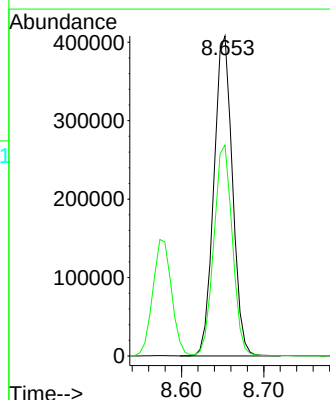
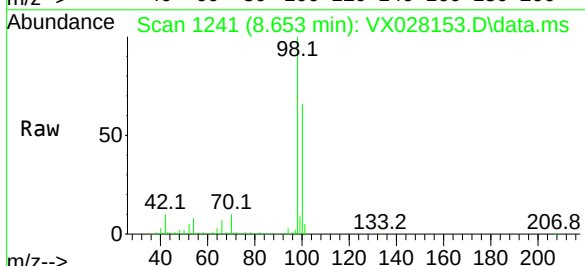
Acq: 19 Apr 2022 12:19

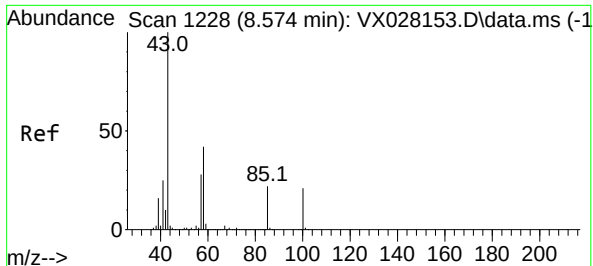
Tgt Ion: 98 Resp: 638739

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 192.925 ug/l

RT: 8.574 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028153.D

Acq: 19 Apr 2022 12:19

Instrument :

MSVOA\_X

ClientSampleId :

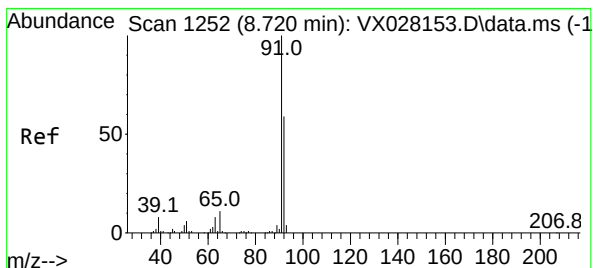
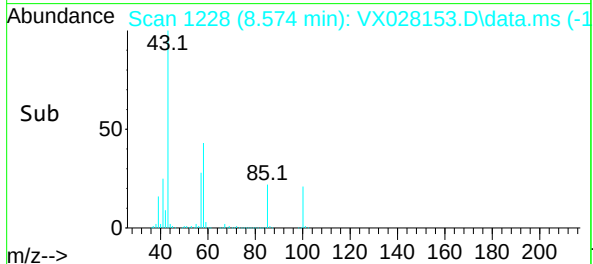
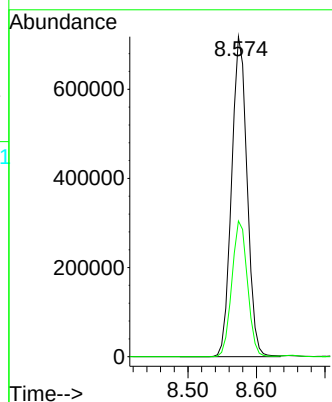
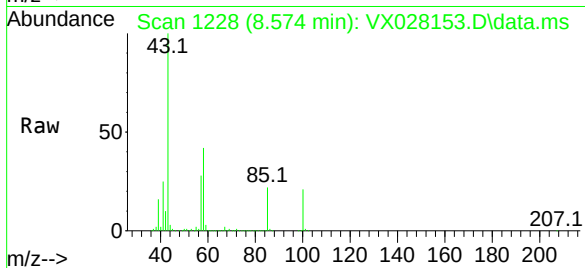
VSTDICCC050

Tgt Ion: 43 Resp: 1125956

Ion Ratio Lower Upper

43 100

58 42.7 36.1 54.1



#52

Toluene

Concen: 46.802 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX028153.D

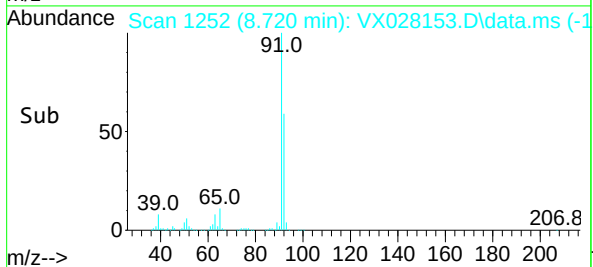
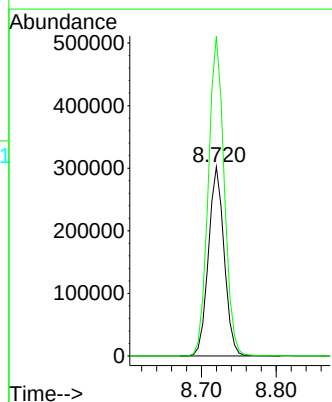
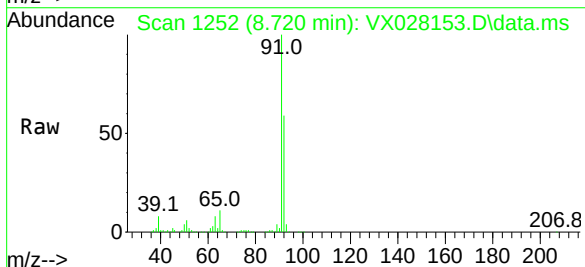
Acq: 19 Apr 2022 12:19

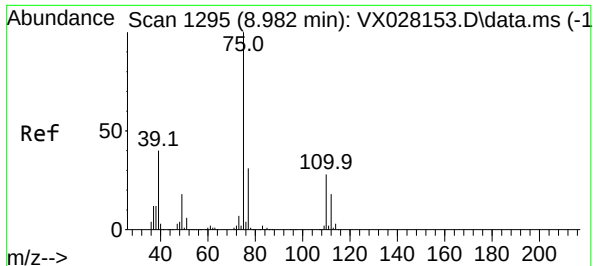
Tgt Ion: 92 Resp: 441565

Ion Ratio Lower Upper

92 100

91 171.5 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 45.656 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028153.D

Acq: 19 Apr 2022 12:19

Instrument :

MSVOA\_X

ClientSampleId :

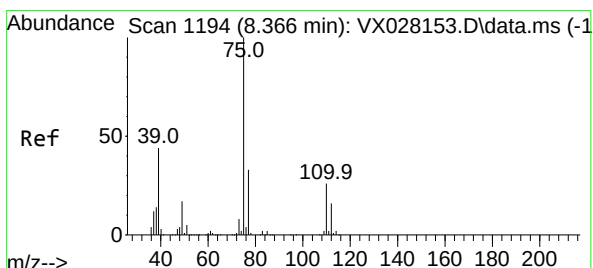
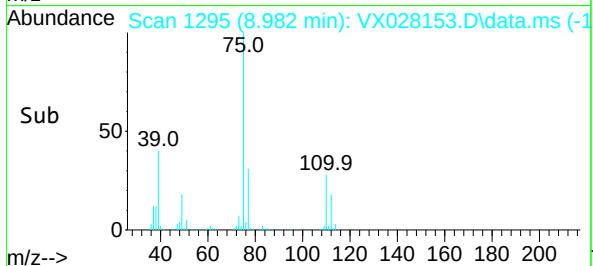
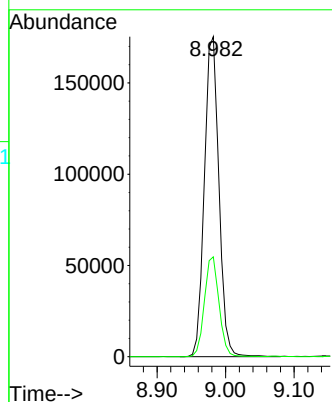
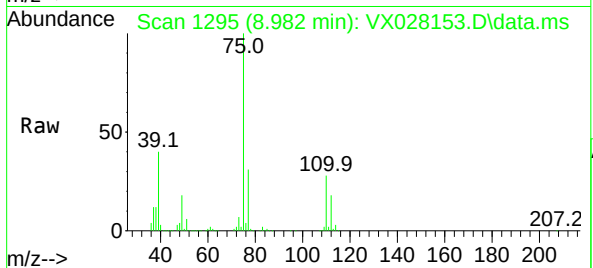
VSTDICCC050

Tgt Ion: 75 Resp: 259378

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 45.559 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028153.D

Acq: 19 Apr 2022 12:19

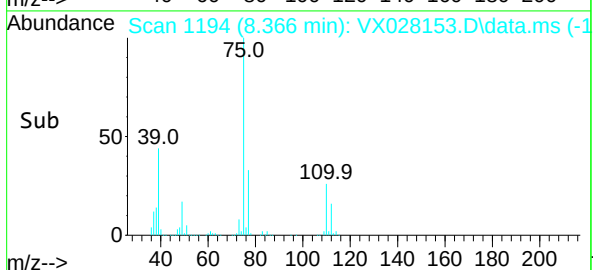
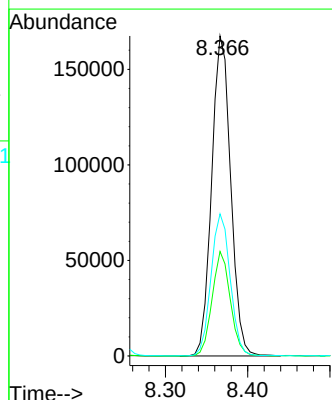
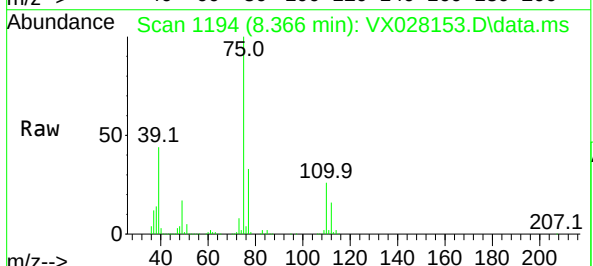
Tgt Ion: 75 Resp: 269816

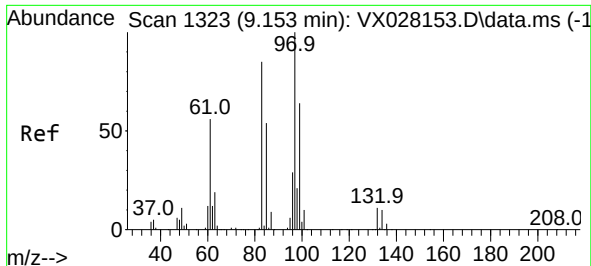
Ion Ratio Lower Upper

75 100

77 32.7 24.8 37.2

39 44.3 29.6 44.4

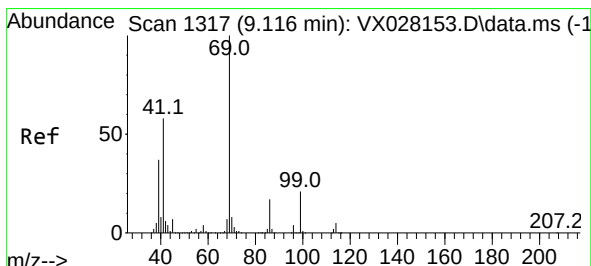
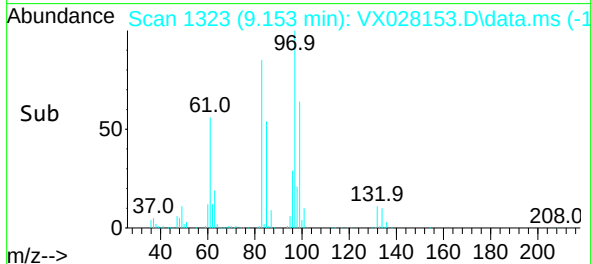
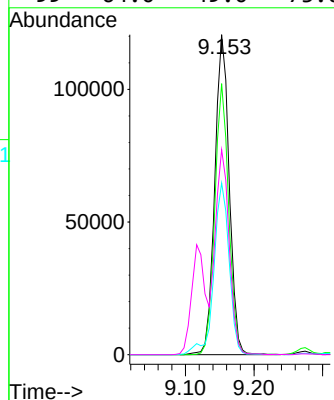
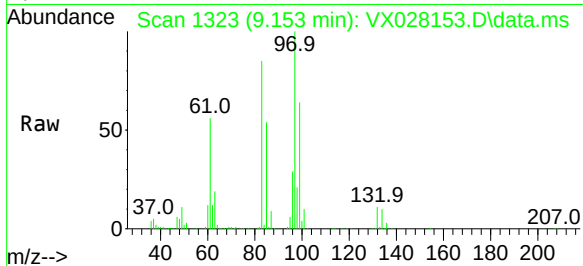




#55  
1,1,2-Trichloroethane  
Concen: 46.217 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

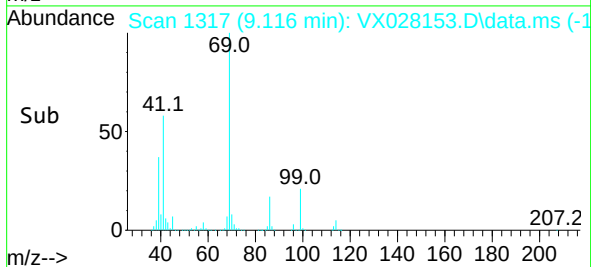
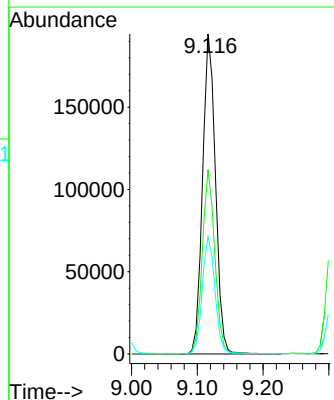
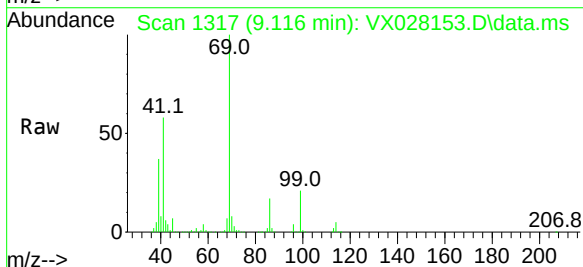
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

|             |              |
|-------------|--------------|
| Tgt Ion: 97 | Resp: 176916 |
| Ion Ratio   | Lower Upper  |
| 97 100      |              |
| 83 84.7     | 66.2 99.4    |
| 85 53.6     | 42.9 64.3    |
| 99 64.0     | 49.0 73.6    |

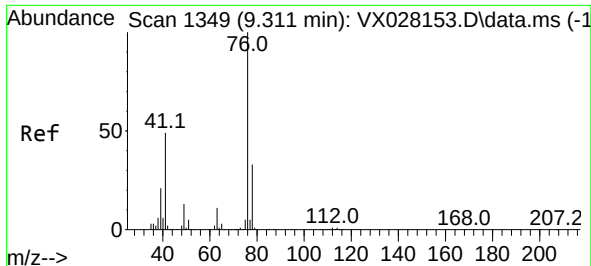


#56  
Ethyl methacrylate  
Concen: 44.563 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

|             |              |
|-------------|--------------|
| Tgt Ion: 69 | Resp: 265422 |
| Ion Ratio   | Lower Upper  |
| 69 100      |              |
| 41 56.0     | 43.8 65.6    |
| 39 36.5     | 22.2 33.2#   |







#57

1,3-Dichloropropane

Concen: 44.900 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028153.D

Acq: 19 Apr 2022 12:19

Instrument :

MSVOA\_X

ClientSampleId :

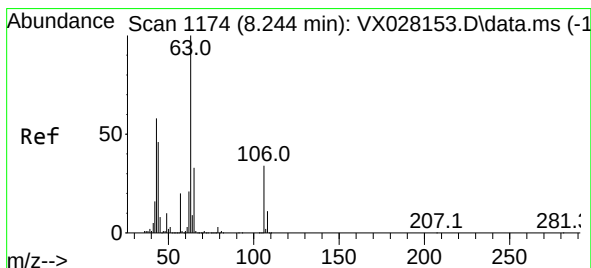
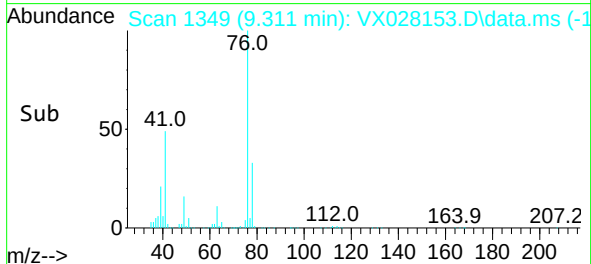
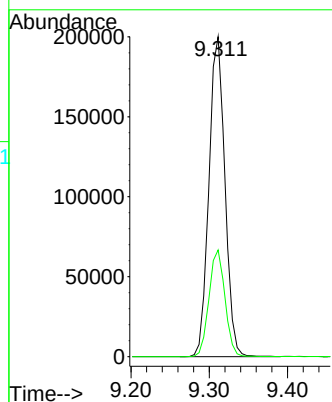
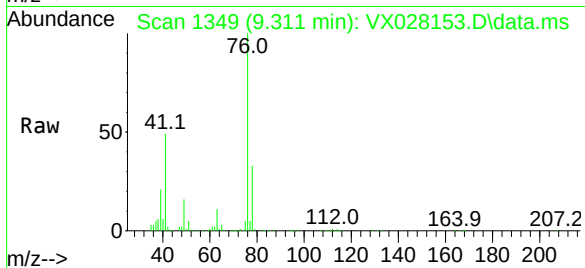
VSTDICCC050

Tgt Ion: 76 Resp: 283257

Ion Ratio Lower Upper

76 100

78 33.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 237.744 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX028153.D

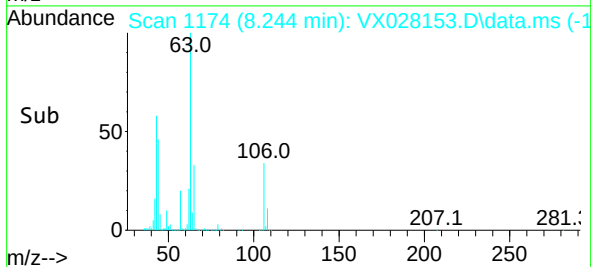
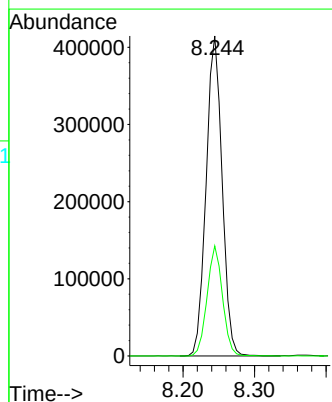
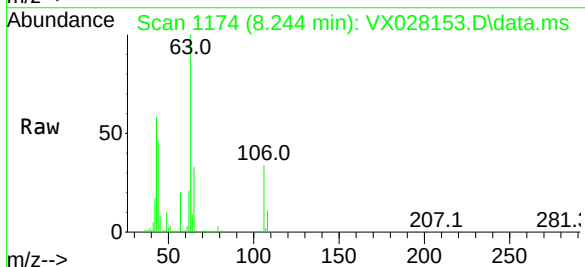
Acq: 19 Apr 2022 12:19

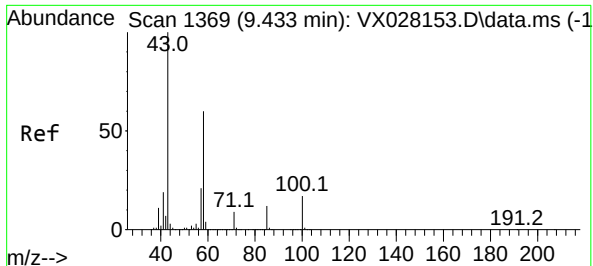
Tgt Ion: 63 Resp: 643867

Ion Ratio Lower Upper

63 100

106 33.2 23.9 35.9





#59

2-Hexanone

Concen: 194.687 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX028153.D

Acq: 19 Apr 2022 12:19

Instrument :

MSVOA\_X

ClientSampleId :

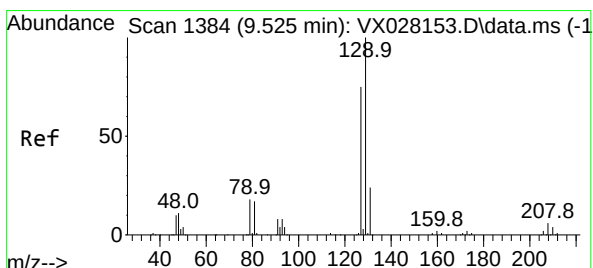
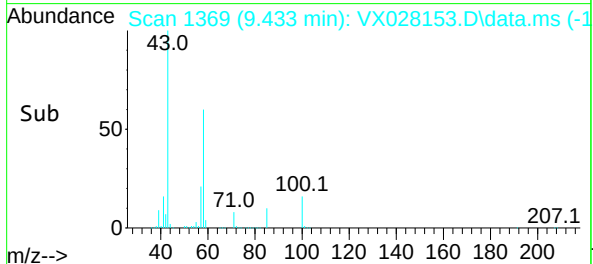
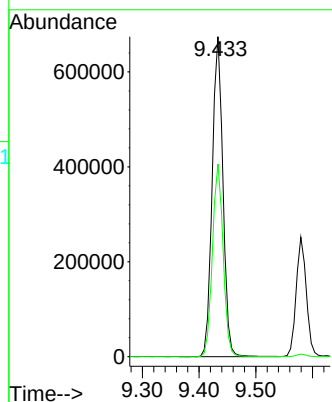
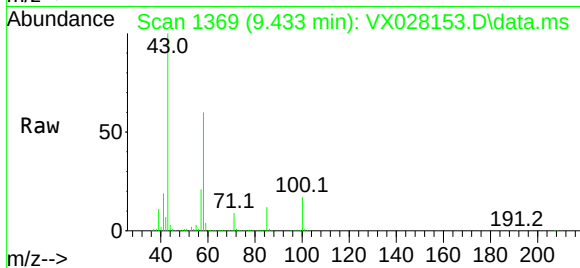
VSTDICCC050

Tgt Ion: 43 Resp: 884900

Ion Ratio Lower Upper

43 100

58 60.2 31.9 95.7



#60

Dibromochloromethane

Concen: 49.284 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX028153.D

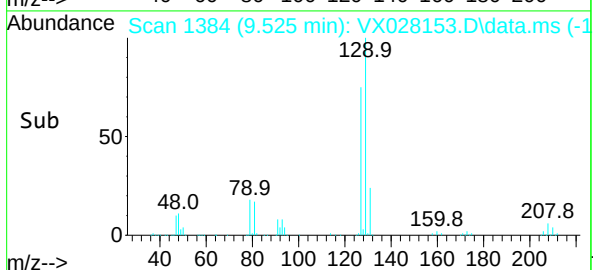
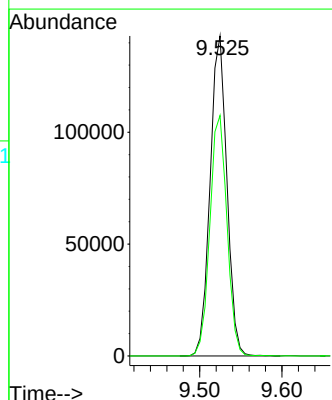
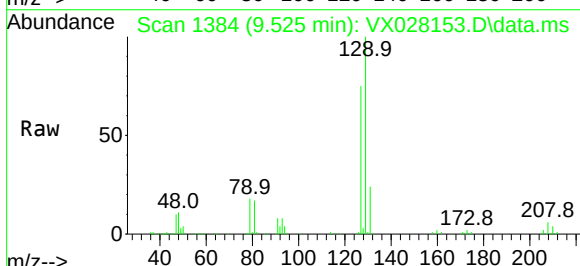
Acq: 19 Apr 2022 12:19

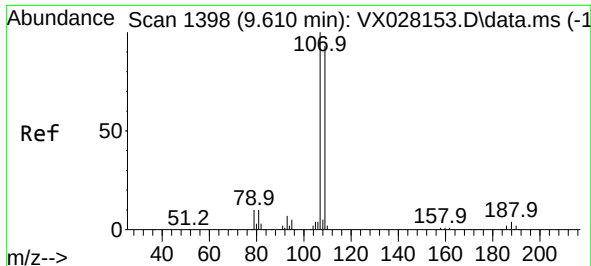
Tgt Ion: 129 Resp: 203073

Ion Ratio Lower Upper

129 100

127 76.6 40.3 120.8

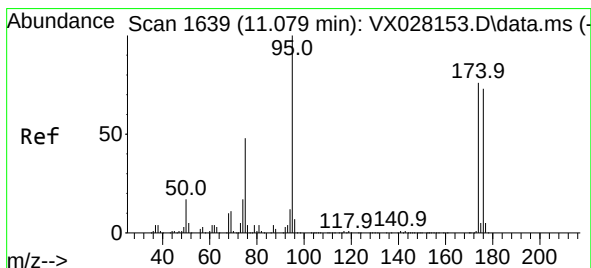
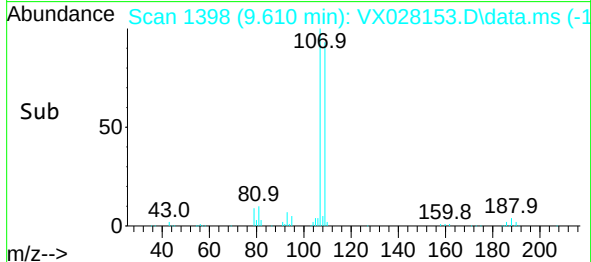
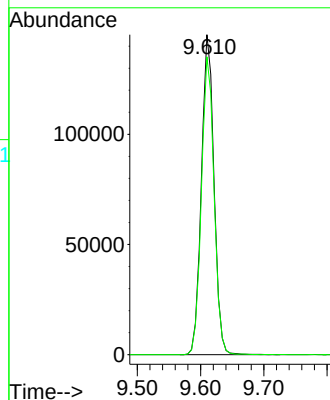
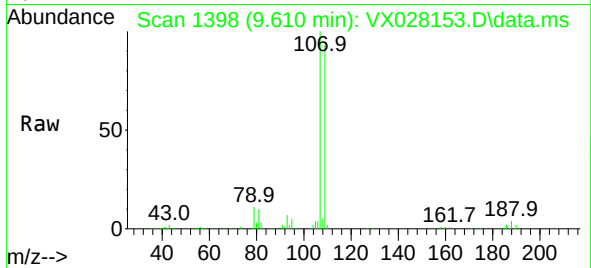




#61  
1,2-Dibromoethane  
Concen: 47.942 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

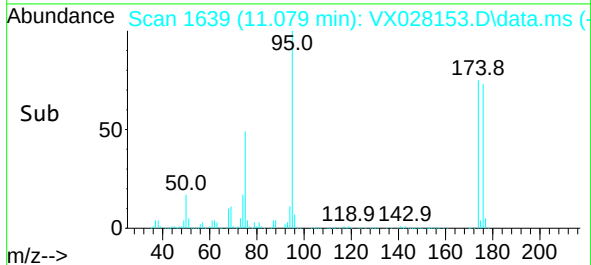
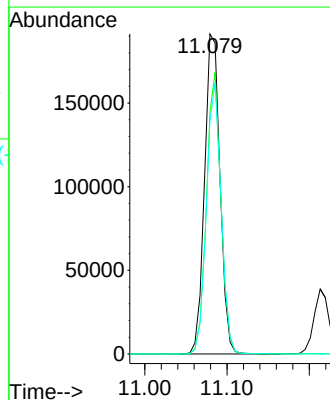
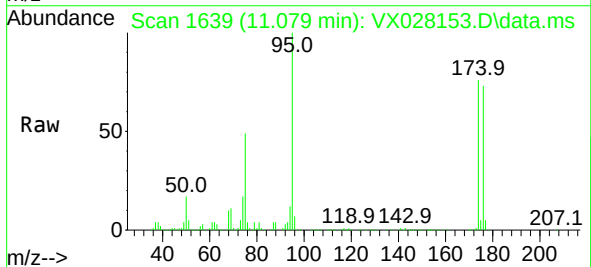
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

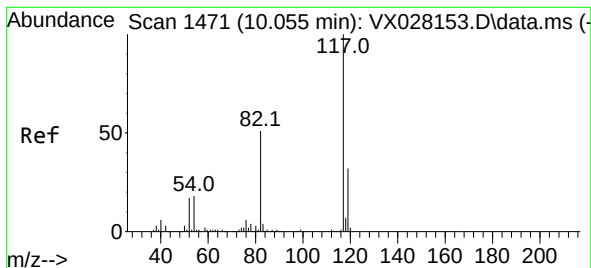
Tgt Ion:107 Resp: 201303  
Ion Ratio Lower Upper  
107 100  
109 93.7 74.4 111.6



#62  
4-Bromofluorobenzene  
Concen: 54.669 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

Tgt Ion: 95 Resp: 249324  
Ion Ratio Lower Upper  
95 100  
174 82.6 0.0 163.0  
176 80.9 0.0 155.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX028153.D

Acq: 19 Apr 2022 12:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

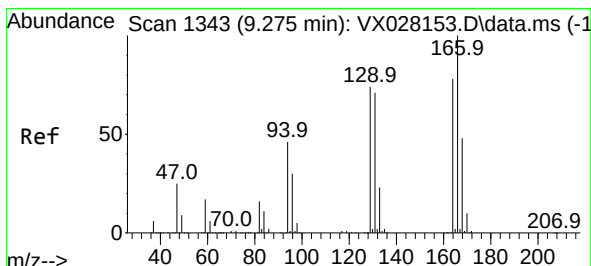
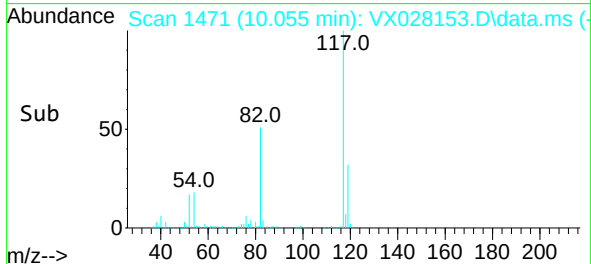
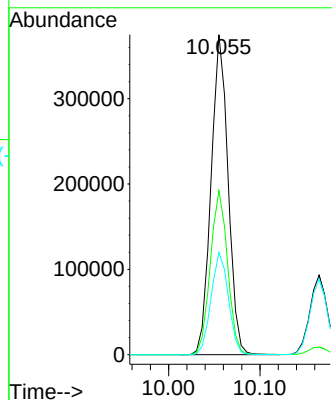
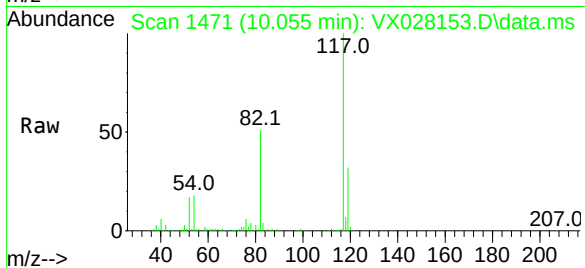
Tgt Ion:117 Resp: 483818

Ion Ratio Lower Upper

117 100

82 51.2 41.8 62.8

119 32.0 24.8 37.2



#64

Tetrachloroethene

Concen: 45.941 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX028153.D

Acq: 19 Apr 2022 12:19

Tgt Ion:164 Resp: 175398

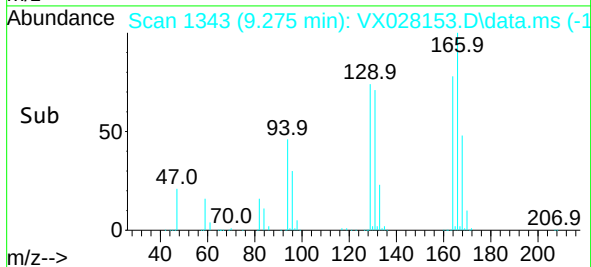
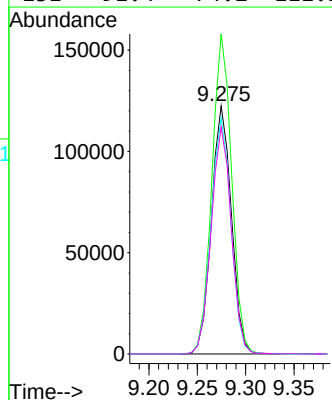
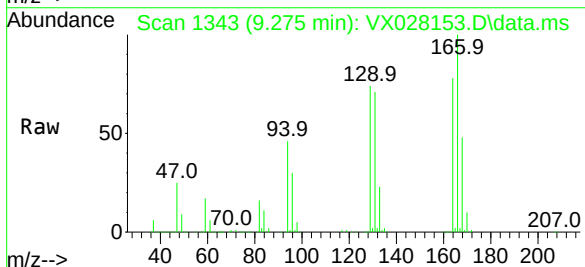
Ion Ratio Lower Upper

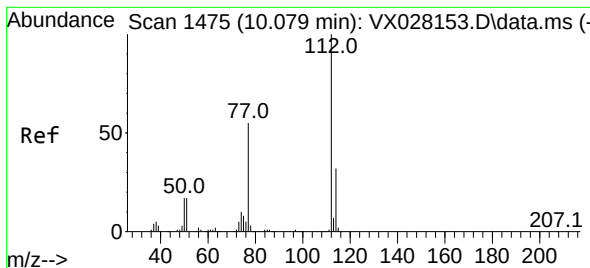
164 100

166 129.0 101.2 151.8

129 95.1 73.0 109.4

131 91.4 74.2 111.2

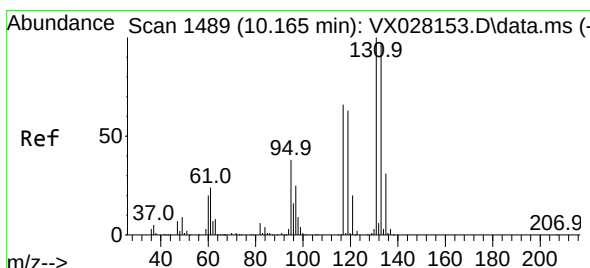
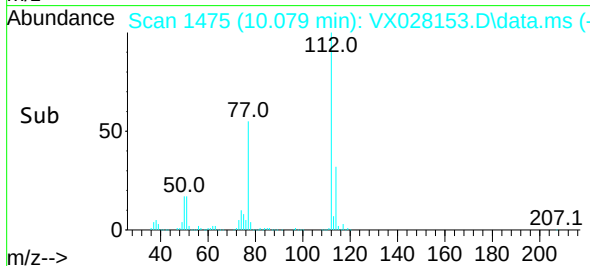
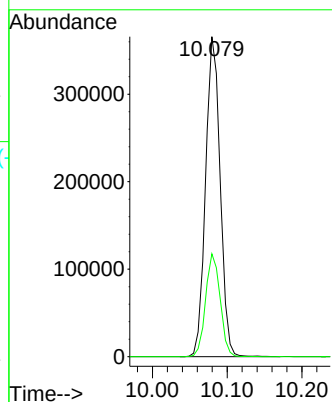
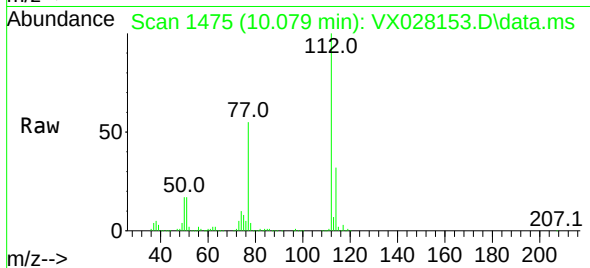




#65  
Chlorobenzene  
Concen: 47.055 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

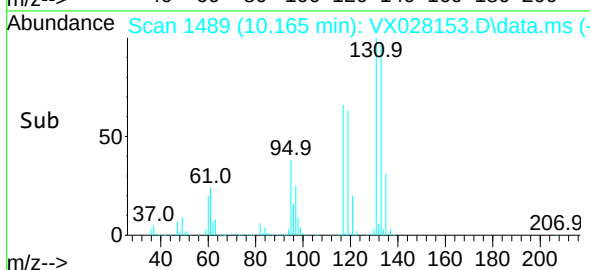
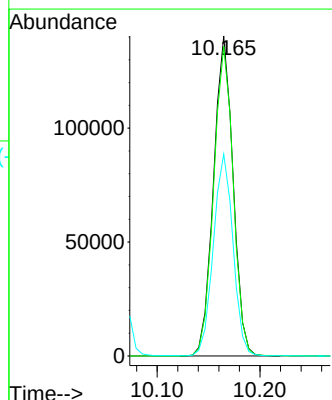
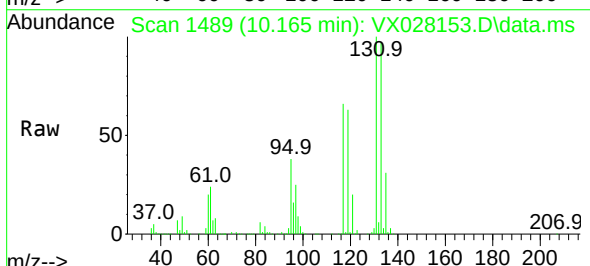
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

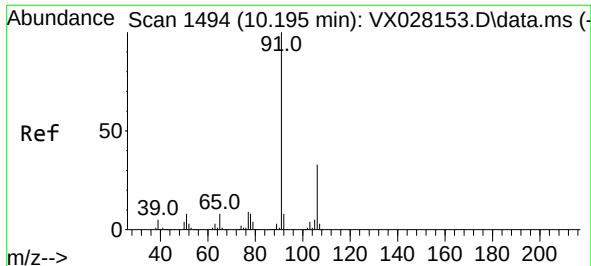
Tgt Ion:112 Resp: 494849  
Ion Ratio Lower Upper  
112 100  
114 32.1 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 47.675 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

Tgt Ion:131 Resp: 185635  
Ion Ratio Lower Upper  
131 100  
133 96.9 48.3 144.8  
119 63.5 32.6 98.0

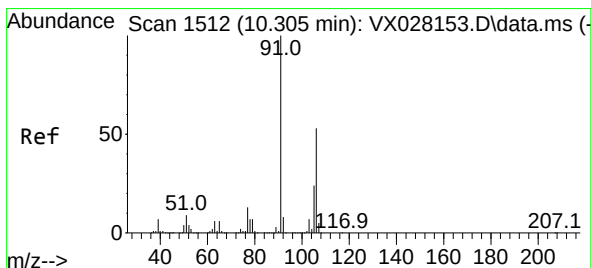
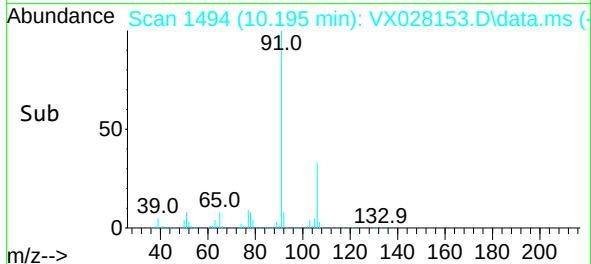
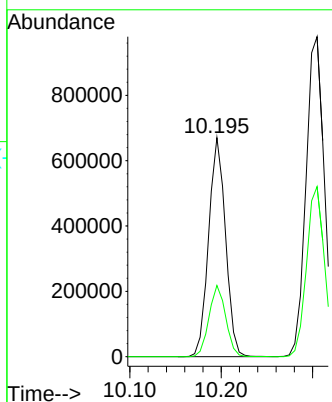
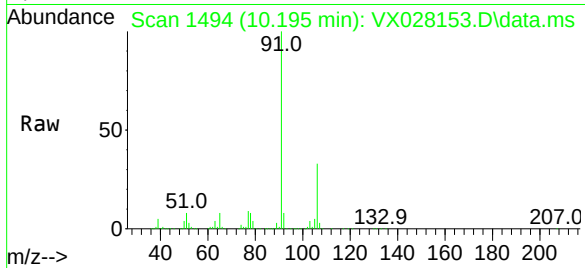




#67  
Ethyl Benzene  
Concen: 46.607 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

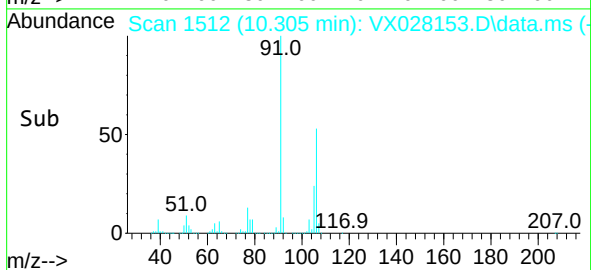
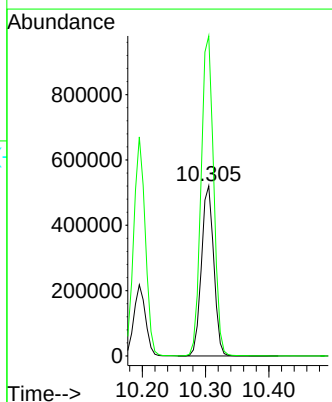
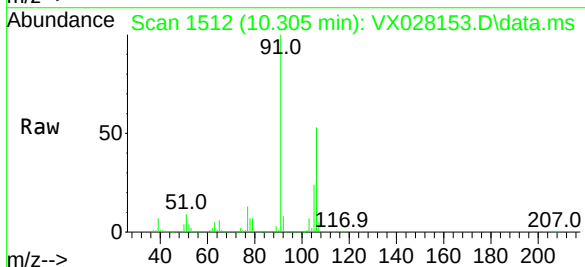
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

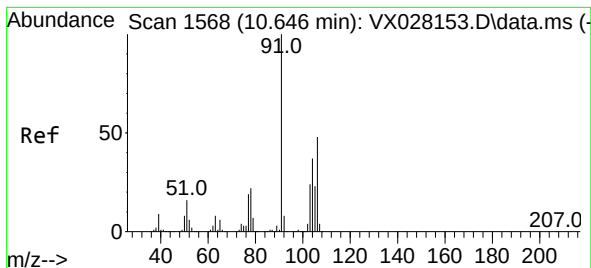
Tgt Ion: 91 Resp: 857729  
Ion Ratio Lower Upper  
91 100  
106 32.5 24.6 36.8



#68  
m/p-Xylenes  
Concen: 91.765 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

Tgt Ion: 106 Resp: 707762  
Ion Ratio Lower Upper  
106 100  
91 192.0 160.4 240.6





#69

o-Xylene

Concen: 46.216 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VX028153.D

Acq: 19 Apr 2022 12:19

Instrument :

MSVOA\_X

ClientSampleId :

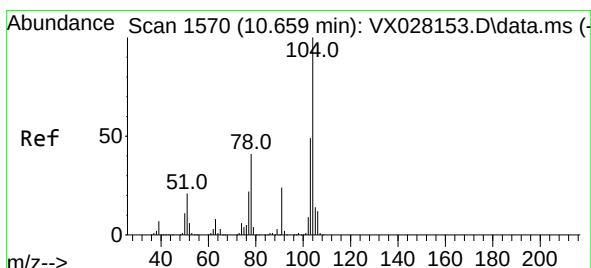
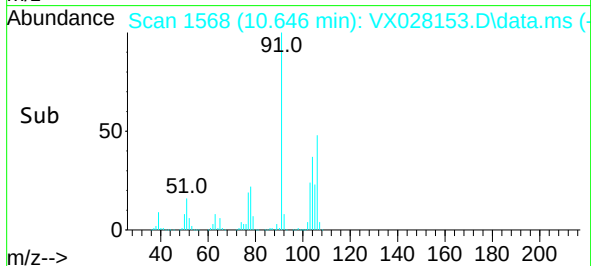
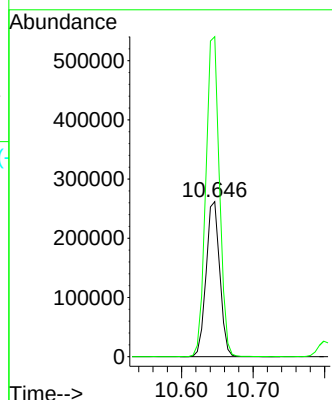
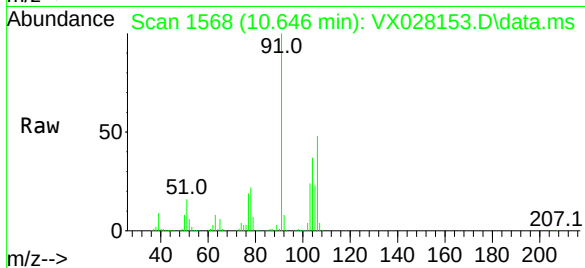
VSTDICCC050

Tgt Ion:106 Resp: 347009

Ion Ratio Lower Upper

106 100

91 207.0 106.1 318.1



#70

Styrene

Concen: 44.785 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX028153.D

Acq: 19 Apr 2022 12:19

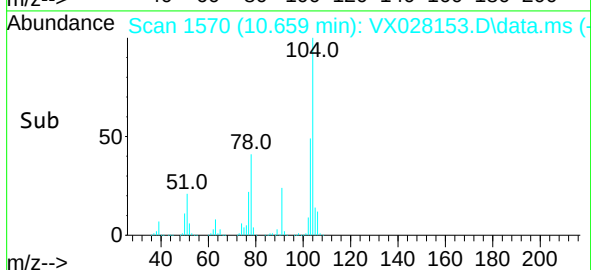
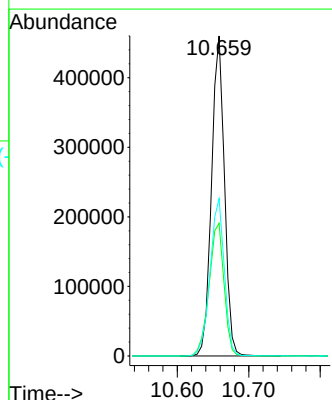
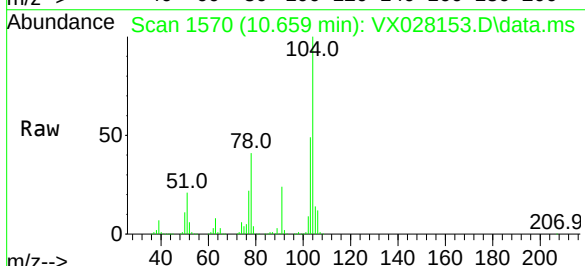
Tgt Ion:104 Resp: 577404

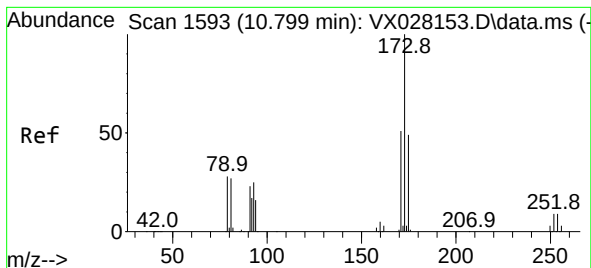
Ion Ratio Lower Upper

104 100

78 47.9 38.6 57.8

103 54.2 43.8 65.8





#71

Bromoform

Concen: 47.353 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX028153.D

Acq: 19 Apr 2022 12:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

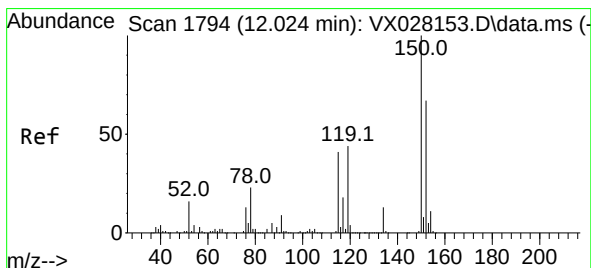
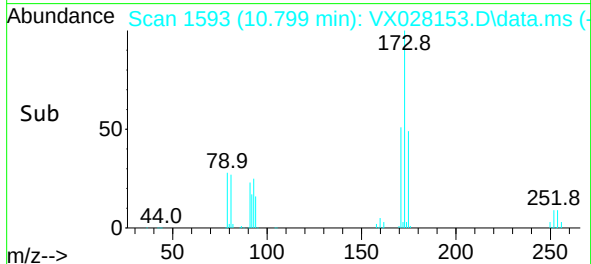
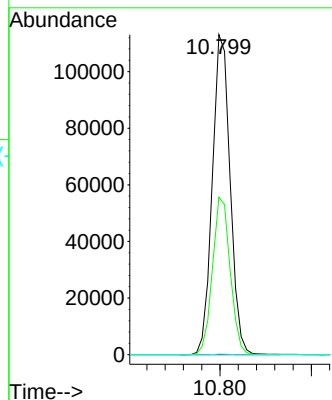
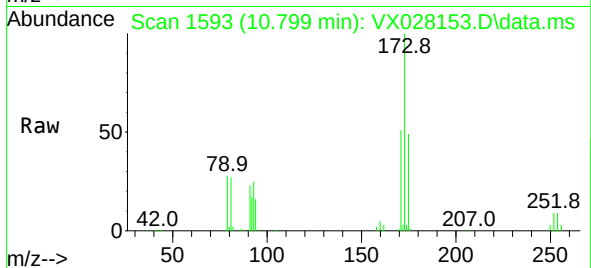
Tgt Ion:173 Resp: 152807

Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.2

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX028153.D

Acq: 19 Apr 2022 12:19

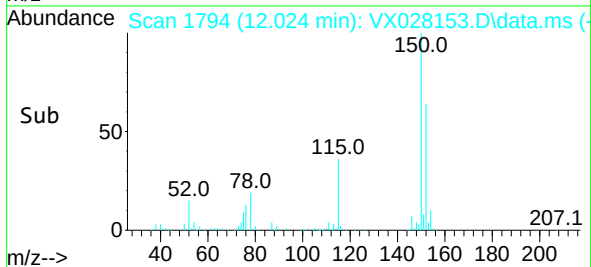
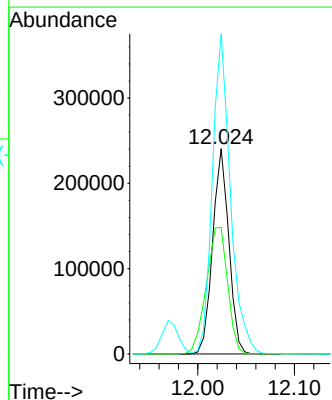
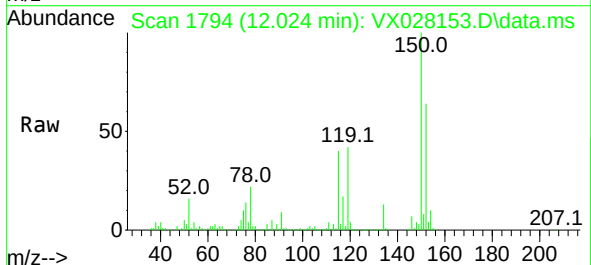
Tgt Ion:152 Resp: 279285

Ion Ratio Lower Upper

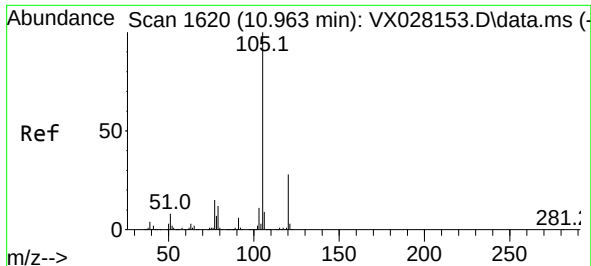
152 100

115 81.3 37.5 112.7

150 174.2 0.0 338.2



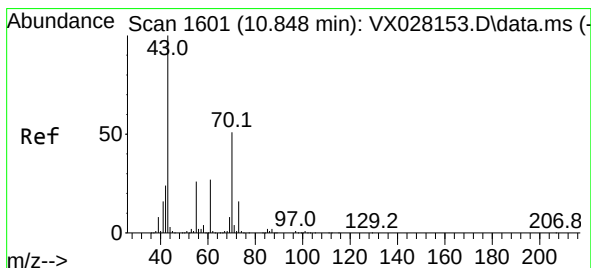
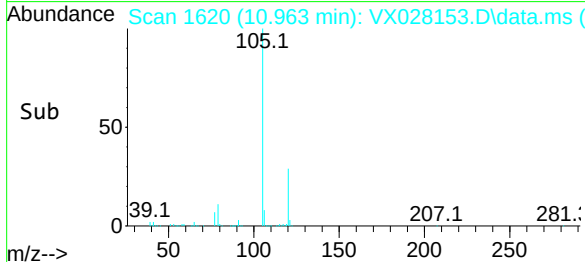
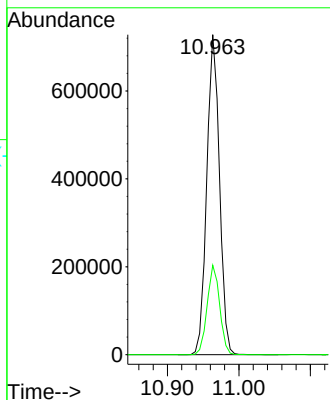
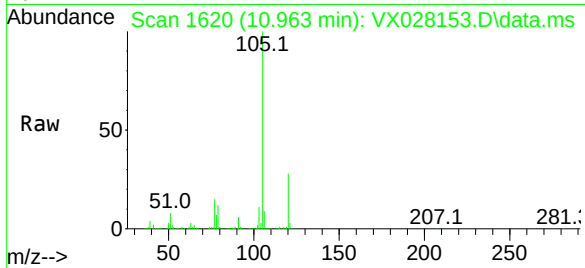




#73  
Isopropylbenzene  
Concen: 45.761 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

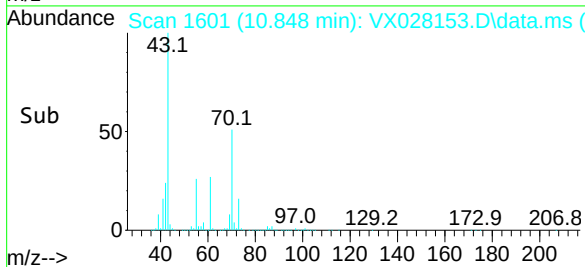
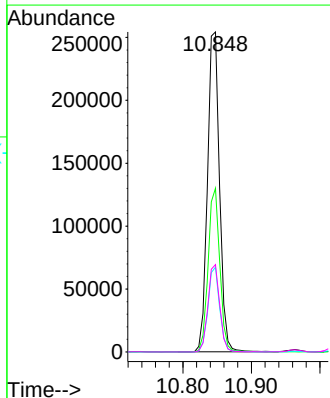
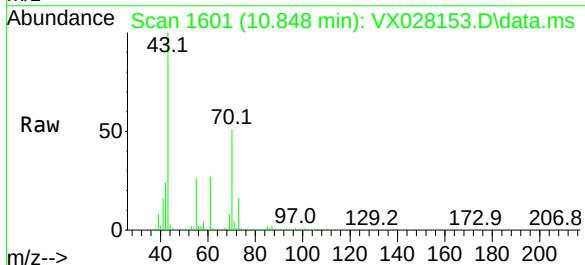
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

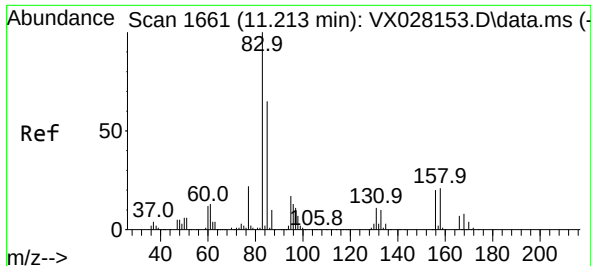
Tgt Ion:105 Resp: 896761  
Ion Ratio Lower Upper  
105 100  
120 27.6 13.5 40.5



#74  
N-ethyl acetate  
Concen: 38.300 ug/l  
RT: 10.848 min Scan# 1601  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

Tgt Ion: 43 Resp: 311677  
Ion Ratio Lower Upper  
43 100  
70 49.8 42.5 63.7  
55 25.8 23.1 34.7  
61 26.7 22.8 34.2

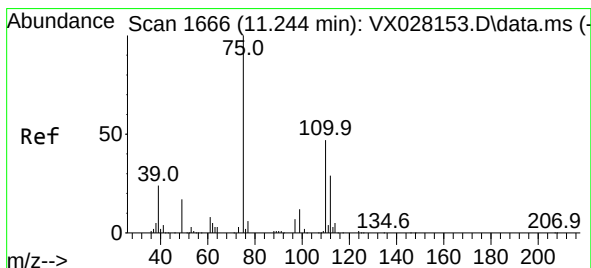
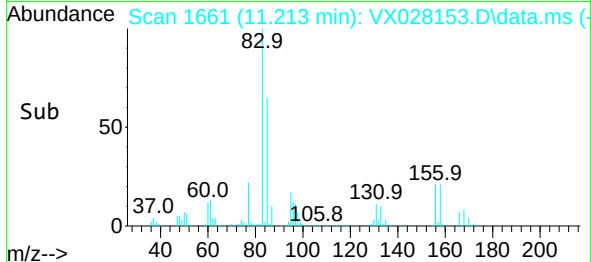
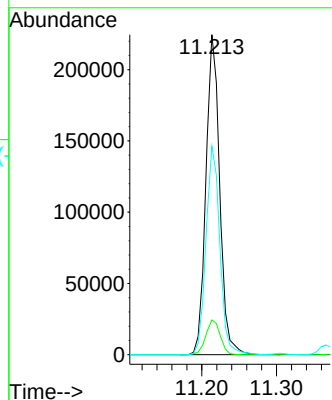
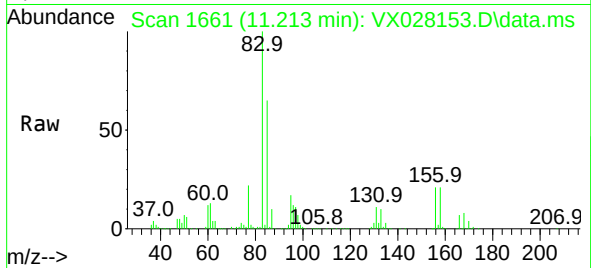




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 42.347 ug/l  
 RT: 11.213 min Scan# 1661  
 Delta R.T. 0.000 min  
 Lab File: VX028153.D  
 Acq: 19 Apr 2022 12:19

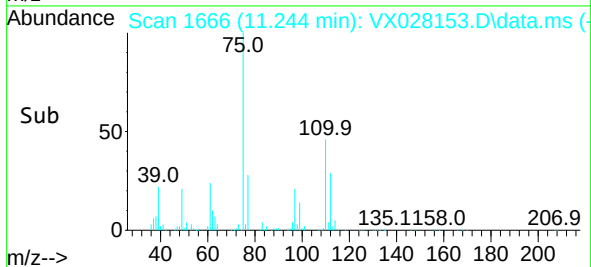
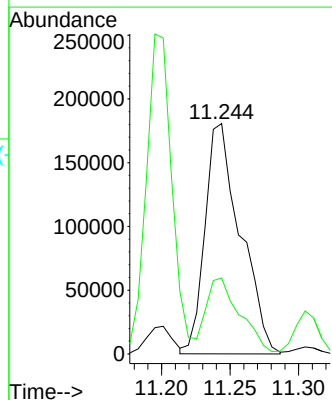
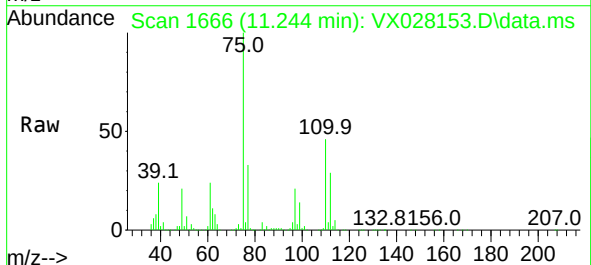
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

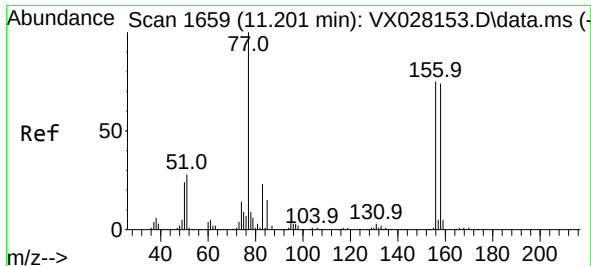
Tgt Ion: 83 Resp: 286926  
 Ion Ratio Lower Upper  
 83 100  
 131 11.4 5.1 15.3  
 85 65.7 32.6 97.7



#76  
 1,2,3-Trichloropropane  
 Concen: 53.733 ug/l  
 RT: 11.244 min Scan# 1666  
 Delta R.T. 0.000 min  
 Lab File: VX028153.D  
 Acq: 19 Apr 2022 12:19

Tgt Ion: 75 Resp: 325169  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 19.4 58.2

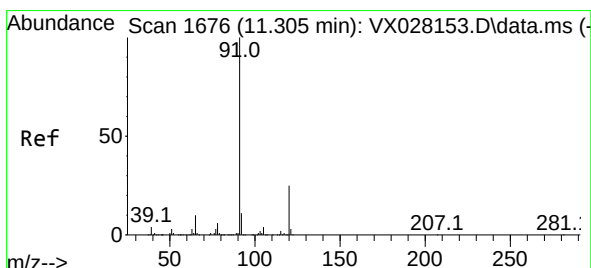
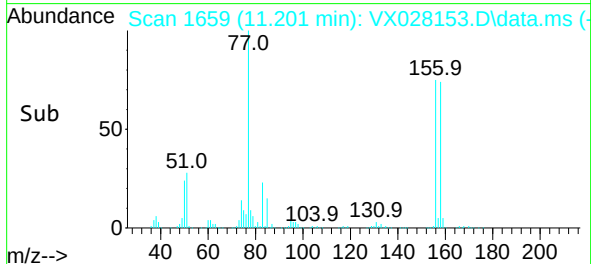
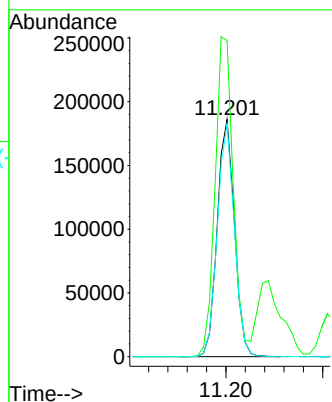
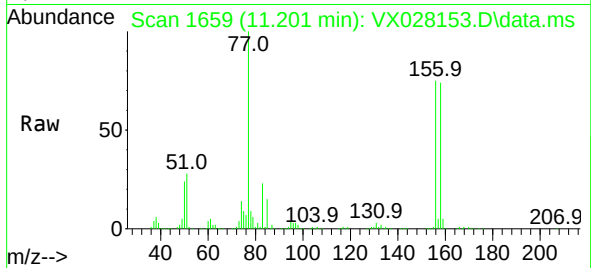




#77  
Bromobenzene  
Concen: 47.489 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

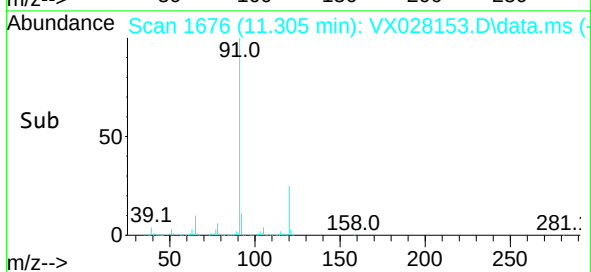
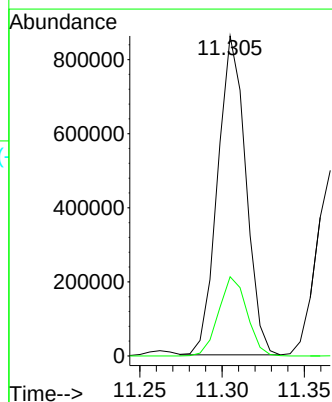
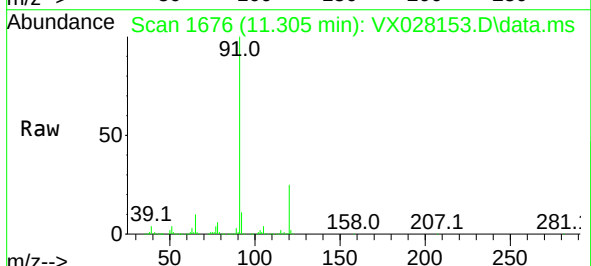
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

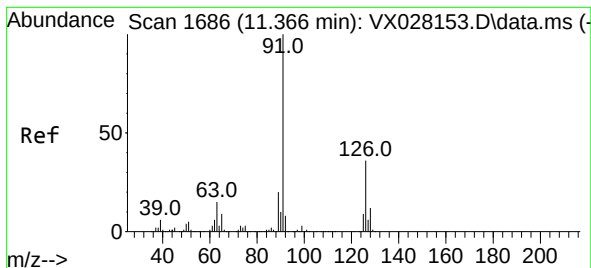
Tgt Ion:156 Resp: 229296  
Ion Ratio Lower Upper  
156 100  
77 143.6 78.5 235.3  
158 97.5 50.2 150.7



#78  
n-propylbenzene  
Concen: 45.278 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

Tgt Ion: 91 Resp: 1026134  
Ion Ratio Lower Upper  
91 100  
120 25.0 11.6 34.8





#79

2-Chlorotoluene

Concen: 44.992 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028153.D

Acq: 19 Apr 2022 12:19

Instrument :

MSVOA\_X

ClientSampleId :

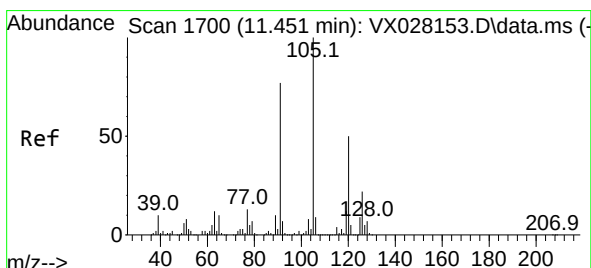
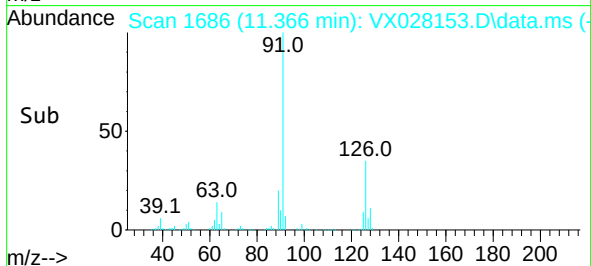
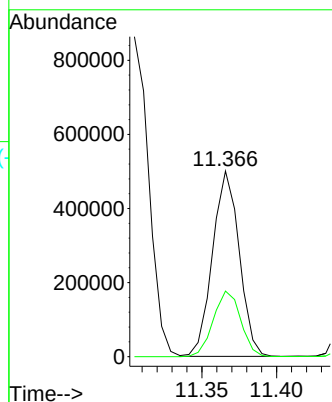
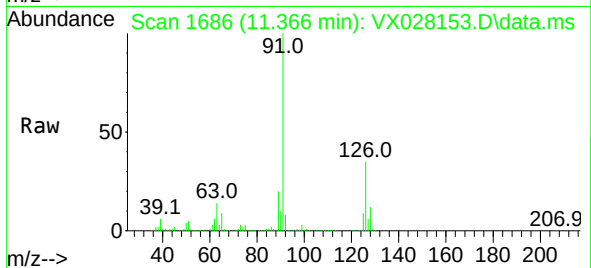
VSTDICCC050

Tgt Ion: 91 Resp: 621351

Ion Ratio Lower Upper

91 100

126 36.4 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 46.498 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX028153.D

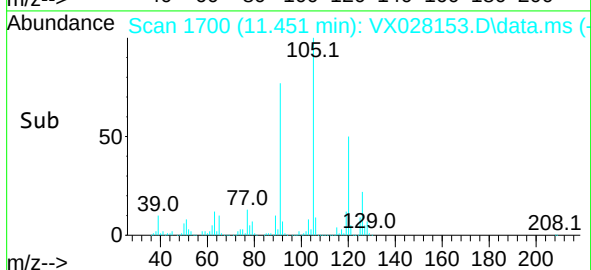
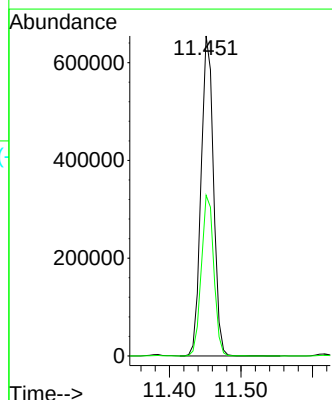
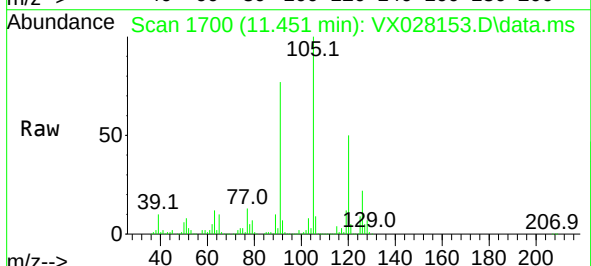
Acq: 19 Apr 2022 12:19

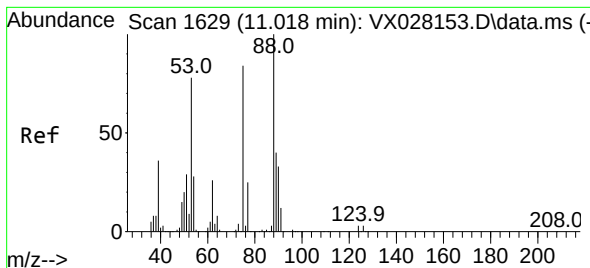
Tgt Ion: 105 Resp: 787924

Ion Ratio Lower Upper

105 100

120 50.6 24.3 72.9

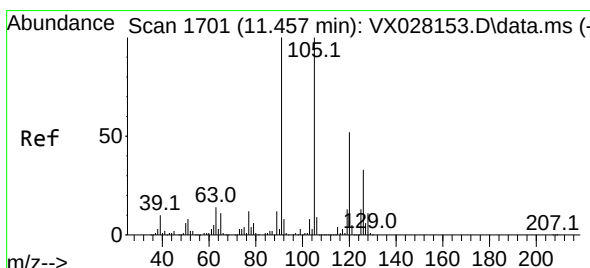
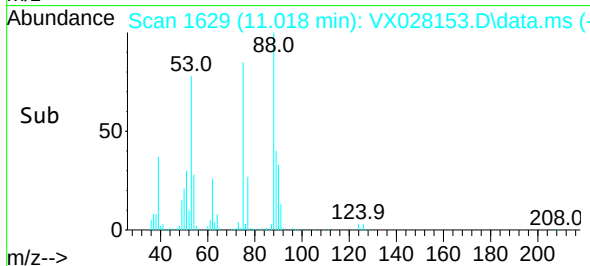
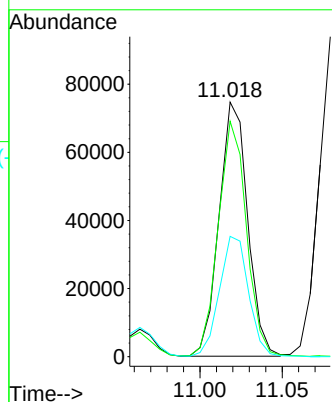
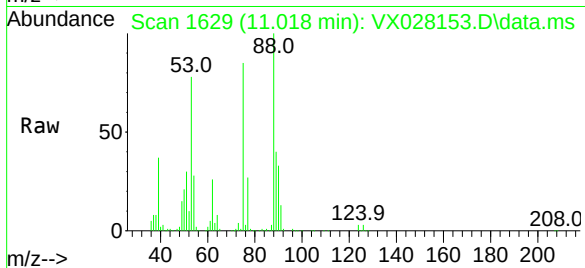




#81  
trans-1,4-Dichloro-2-butene  
Concen: 42.538 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

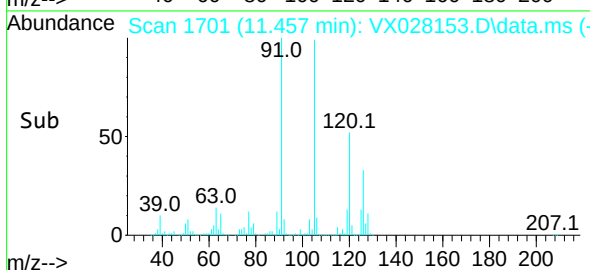
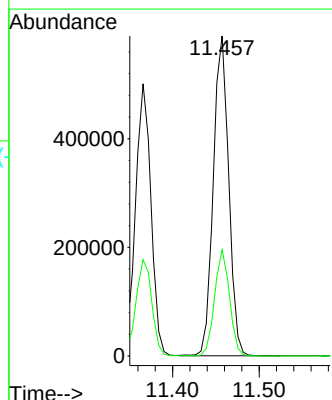
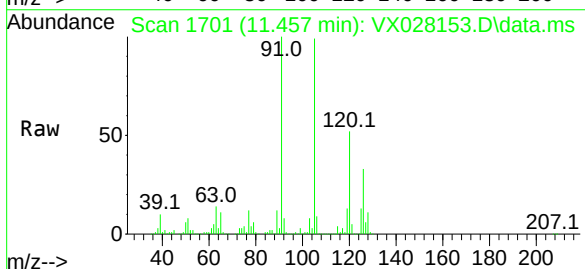
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

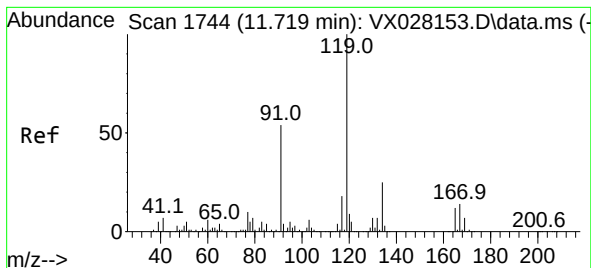
Tgt Ion: 75 Resp: 90204  
Ion Ratio Lower Upper  
75 100  
53 91.4 69.0 103.4  
89 48.5 37.0 55.6



#82  
4-Chlorotoluene  
Concen: 44.924 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

Tgt Ion: 91 Resp: 727416  
Ion Ratio Lower Upper  
91 100  
126 32.3 14.9 44.5





#83

tert-Butylbenzene

Concen: 48.117 ug/l

RT: 11.719 min Scan# 1744

Delta R.T. 0.000 min

Lab File: VX028153.D

Acq: 19 Apr 2022 12:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

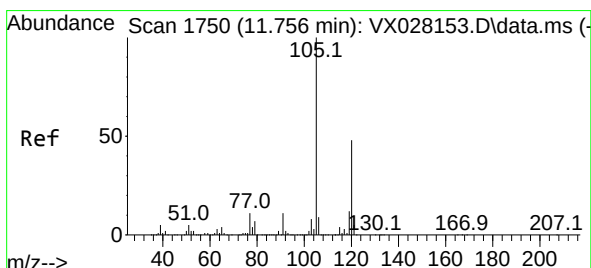
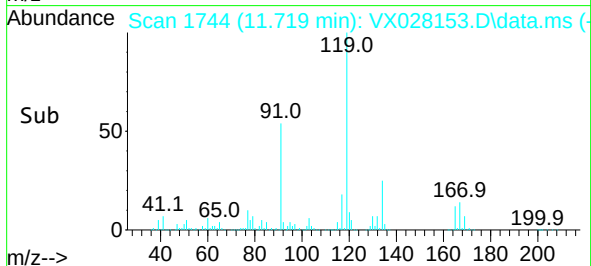
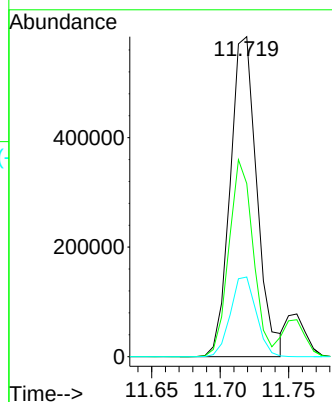
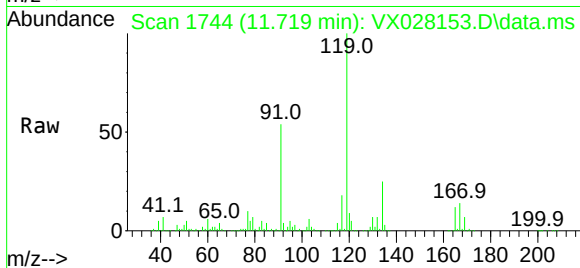
Tgt Ion:119 Resp: 794610

Ion Ratio Lower Upper

119 100

91 55.9 26.9 80.6

134 24.1 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 47.797 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX028153.D

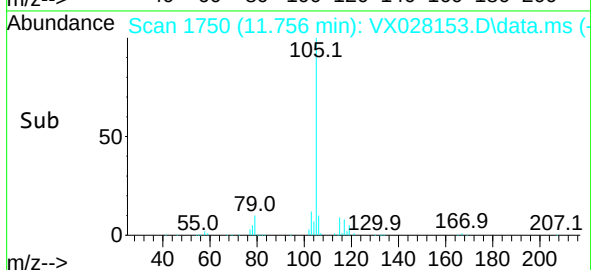
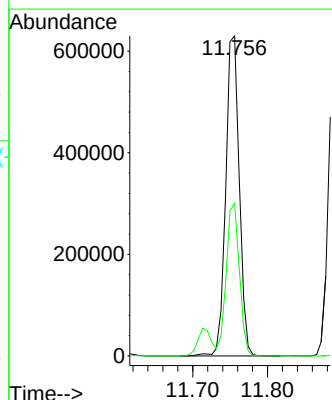
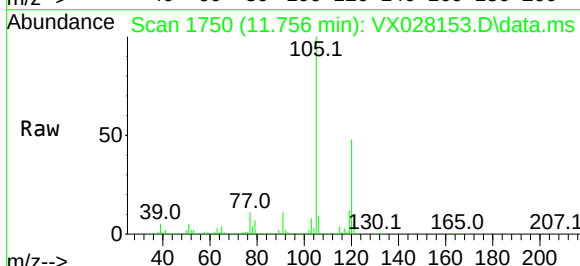
Acq: 19 Apr 2022 12:19

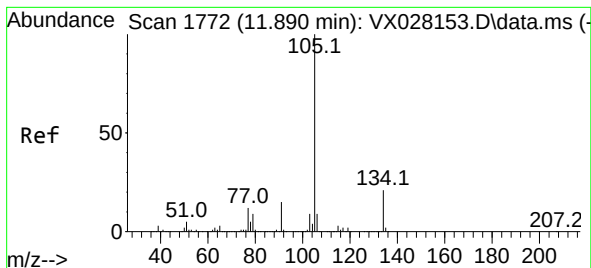
Tgt Ion:105 Resp: 794630

Ion Ratio Lower Upper

105 100

120 46.3 22.6 67.8





#85

sec-Butylbenzene

Concen: 46.466 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX028153.D

Acq: 19 Apr 2022 12:19

Instrument :

MSVOA\_X

ClientSampleId :

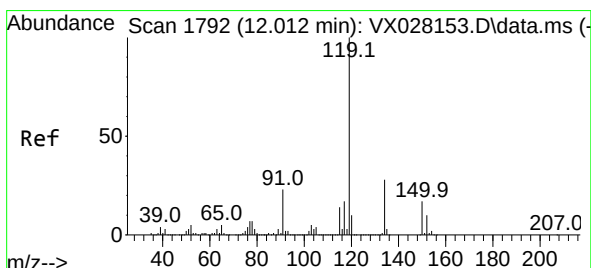
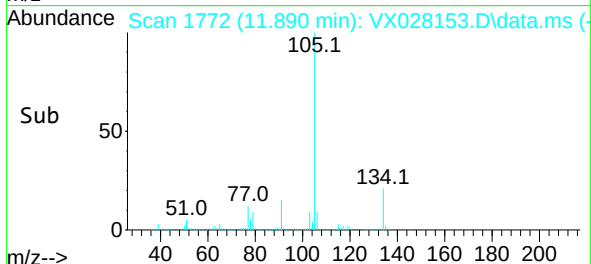
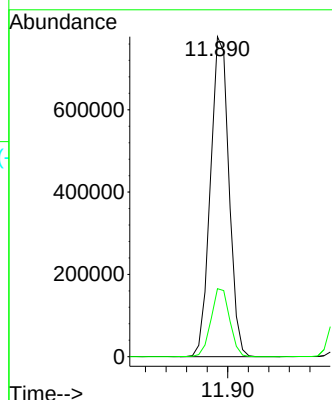
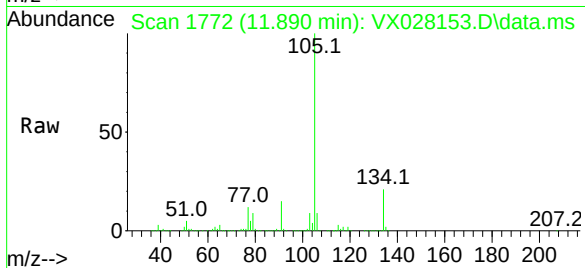
VSTDICCC050

Tgt Ion:105 Resp: 971597

Ion Ratio Lower Upper

105 100

134 21.5 10.2 30.4



#86

p-Isopropyltoluene

Concen: 48.070 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VX028153.D

Acq: 19 Apr 2022 12:19

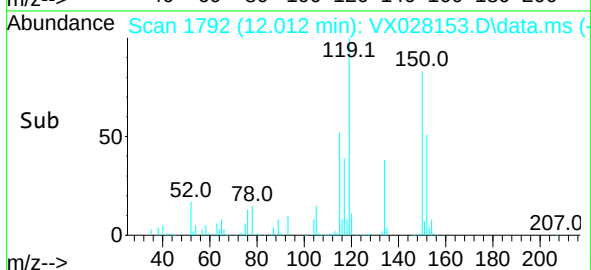
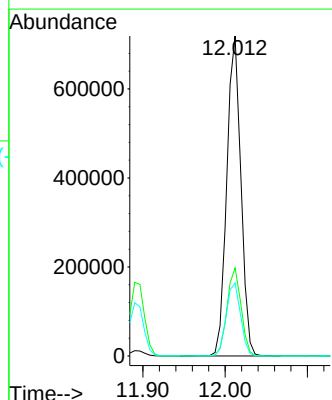
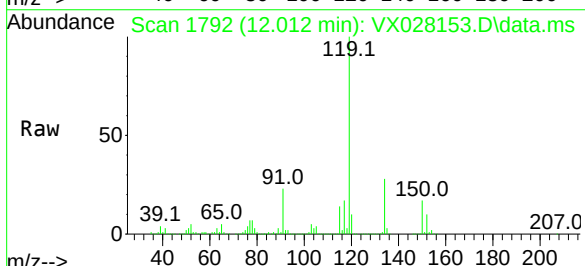
Tgt Ion:119 Resp: 856439

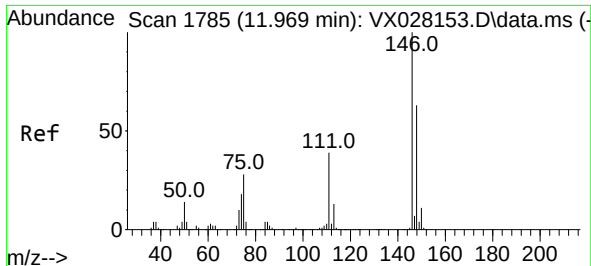
Ion Ratio Lower Upper

119 100

134 27.5 13.0 39.0

91 23.3 11.3 33.9

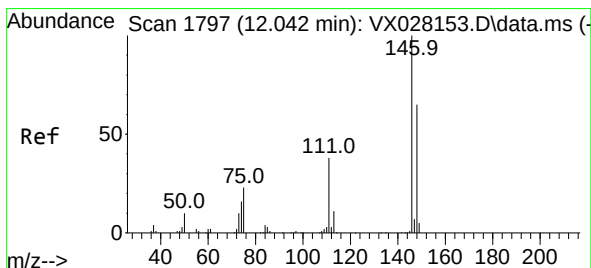
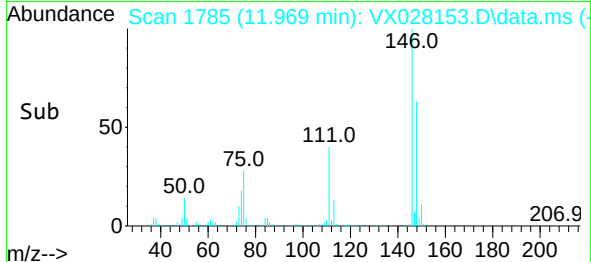
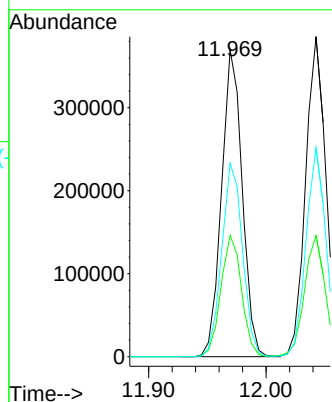
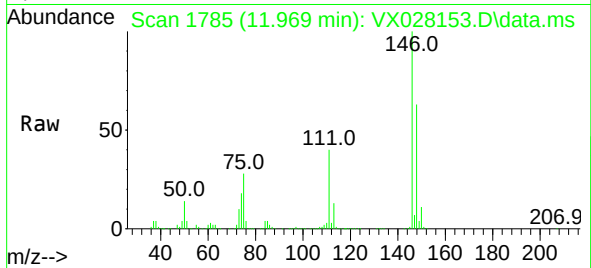




#87  
1,3-Dichlorobenzene  
Concen: 48.040 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

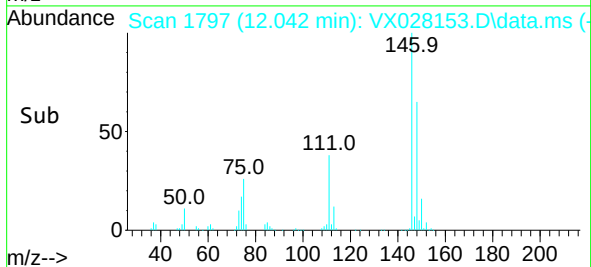
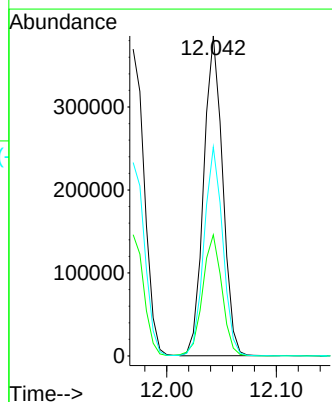
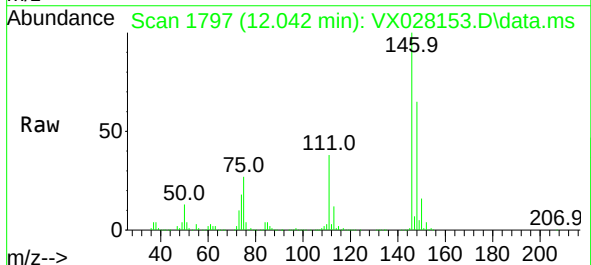
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

Tgt Ion:146 Resp: 452132  
Ion Ratio Lower Upper  
146 100  
111 39.6 19.7 59.1  
148 63.7 31.6 94.7

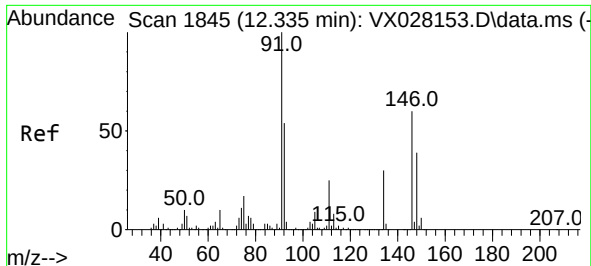


#88  
1,4-Dichlorobenzene  
Concen: 46.875 ug/l  
RT: 12.042 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

Tgt Ion:146 Resp: 463062  
Ion Ratio Lower Upper  
146 100  
111 38.6 19.2 57.6  
148 64.6 32.3 96.9



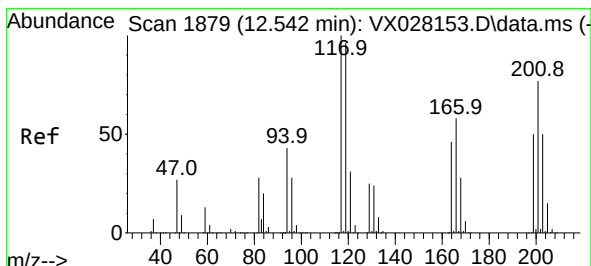
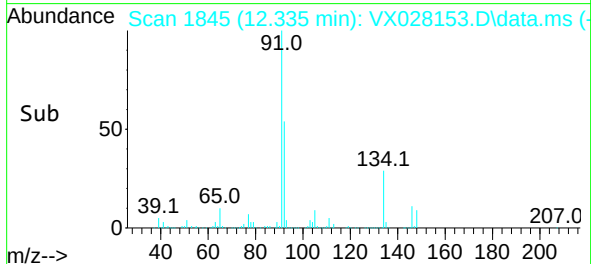
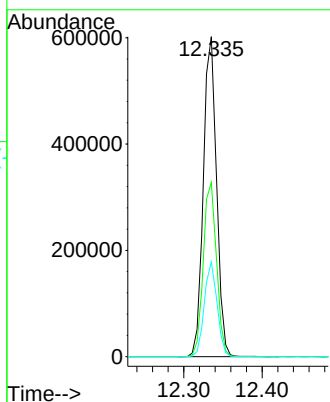
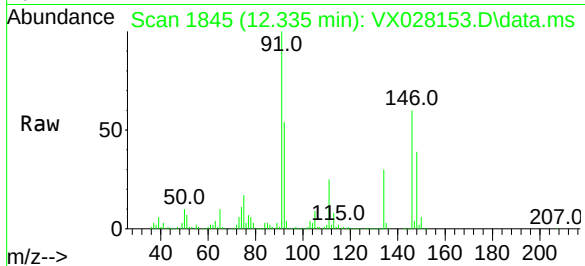




#89  
n-Butylbenzene  
Concen: 46.473 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

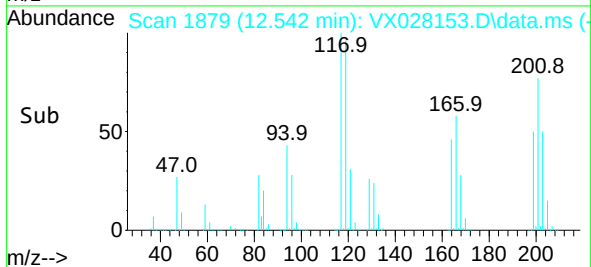
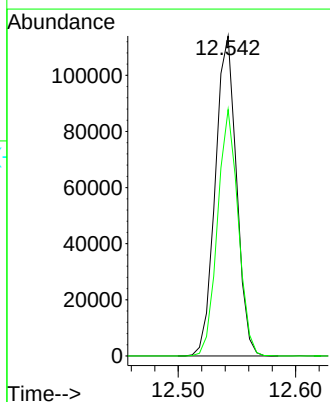
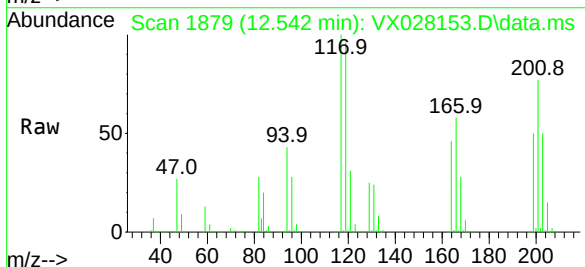
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

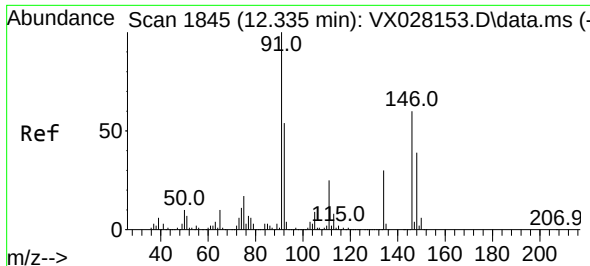
Tgt Ion: 91 Resp: 702468  
Ion Ratio Lower Upper  
91 100  
92 54.7 27.8 83.3  
134 28.7 13.3 39.8



#90  
Hexachloroethane  
Concen: 48.261 ug/l  
RT: 12.542 min Scan# 1879  
Delta R.T. 0.000 min  
Lab File: VX028153.D  
Acq: 19 Apr 2022 12:19

Tgt Ion: 117 Resp: 143304  
Ion Ratio Lower Upper  
117 100  
201 74.8 39.5 118.5

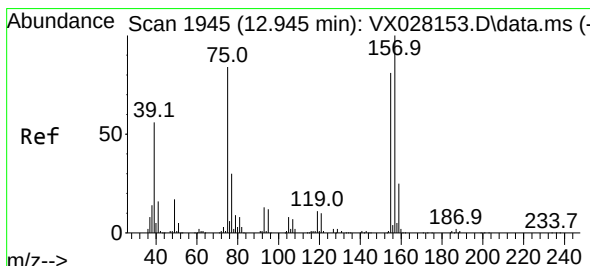
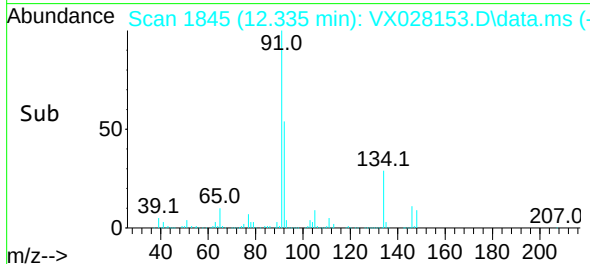
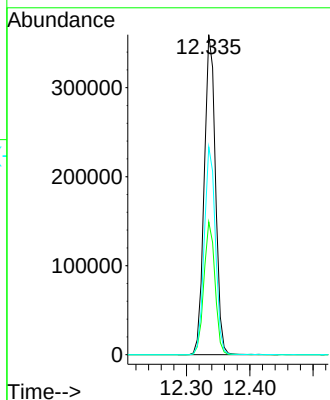
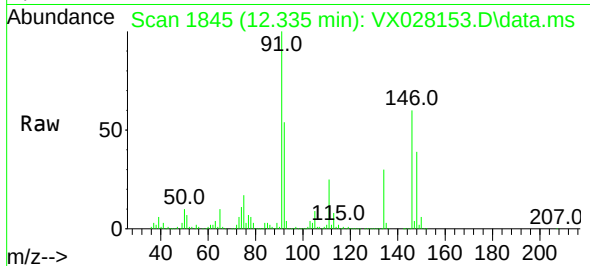




#91  
 1,2-Dichlorobenzene  
 Concen: 47.515 ug/l  
 RT: 12.335 min Scan# 1845  
 Delta R.T. 0.000 min  
 Lab File: VX028153.D  
 Acq: 19 Apr 2022 12:19

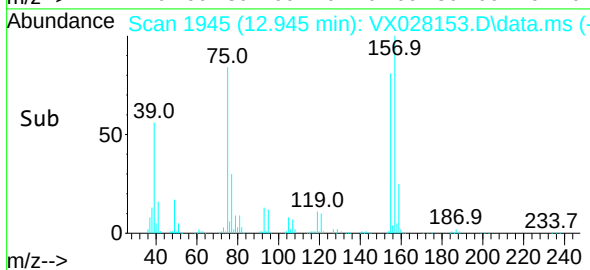
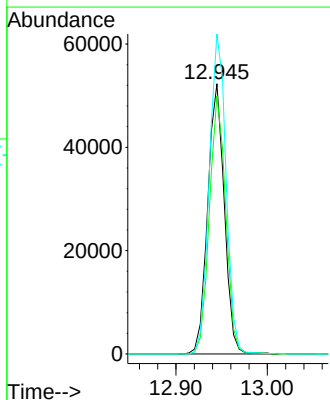
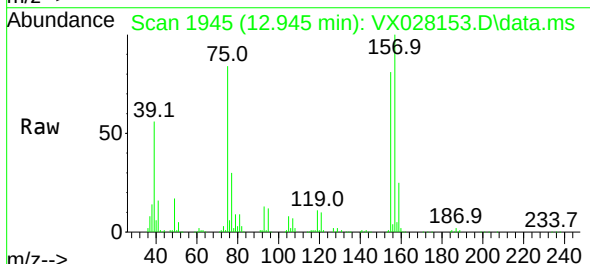
Instrument :  
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 ClientSampleId :  
 VSTDICCC050

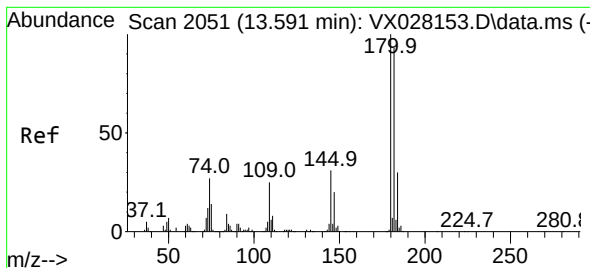
Tgt Ion:146 Resp: 446385  
 Ion Ratio Lower Upper  
 146 100  
 111 40.9 21.0 63.0  
 148 64.1 32.6 97.7



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 44.079 ug/l  
 RT: 12.945 min Scan# 1945  
 Delta R.T. 0.000 min  
 Lab File: VX028153.D  
 Acq: 19 Apr 2022 12:19

Tgt Ion: 75 Resp: 65800  
 Ion Ratio Lower Upper  
 75 100  
 155 94.1 47.0 141.2  
 157 119.8 57.9 173.6





#93

1,2,4-Trichlorobenzene

Concen: 49.514 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX028153.D

Acq: 19 Apr 2022 12:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

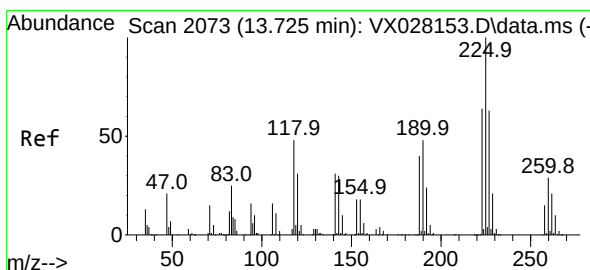
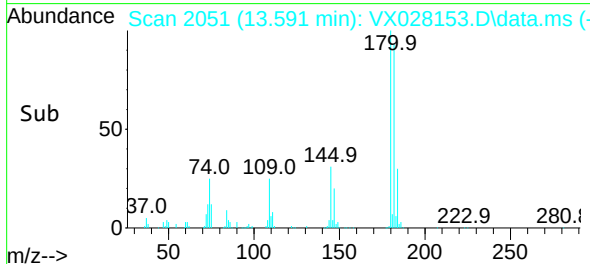
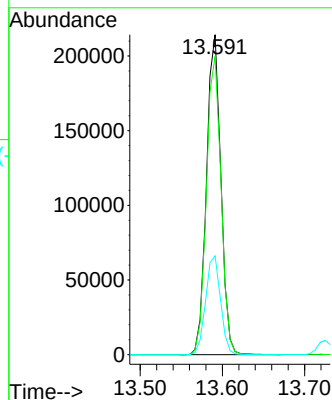
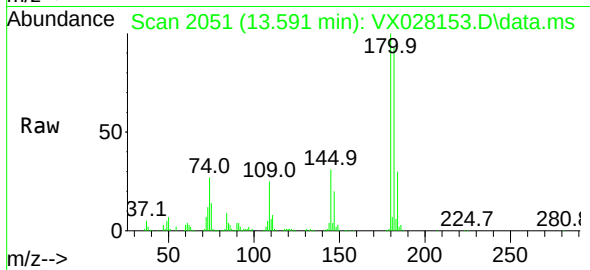
Tgt Ion:180 Resp: 260532

Ion Ratio Lower Upper

180 100

182 94.9 47.7 143.1

145 32.0 15.2 45.5



#94

Hexachlorobutadiene

Concen: 52.093 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX028153.D

Acq: 19 Apr 2022 12:19

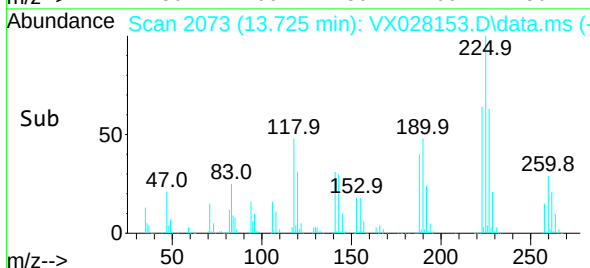
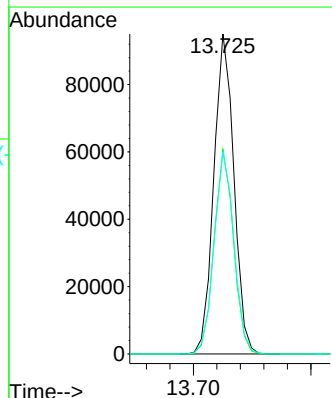
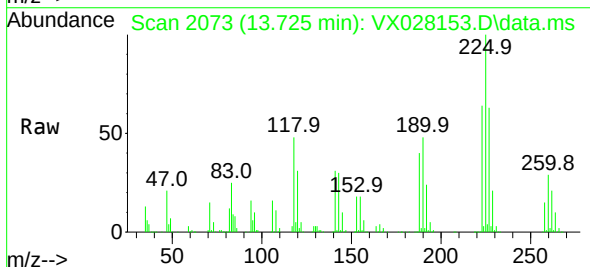
Tgt Ion:225 Resp: 112425

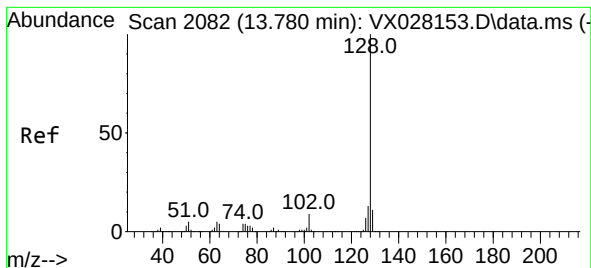
Ion Ratio Lower Upper

225 100

223 61.9 34.2 102.5

227 62.6 33.9 101.7





#95

Naphthalene

Concen: 49.968 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX028153.D

Acq: 19 Apr 2022 12:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

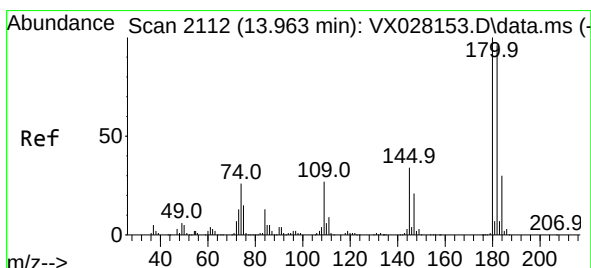
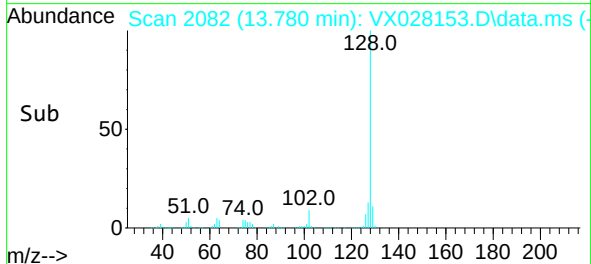
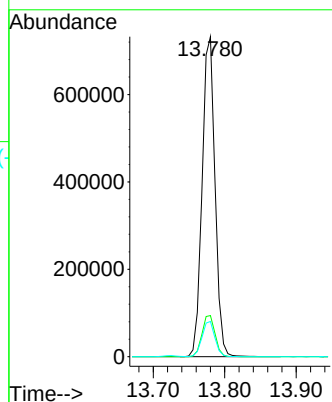
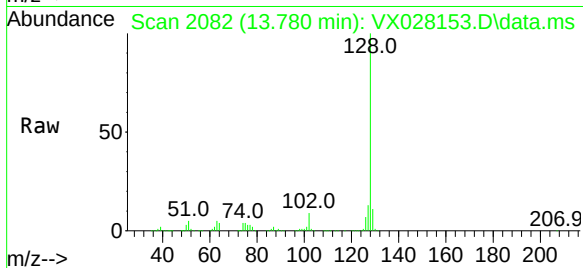
Tgt Ion:128 Resp: 915217

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 49.881 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX028153.D

Acq: 19 Apr 2022 12:19

Tgt Ion:180 Resp: 260692

Ion Ratio Lower Upper

180 100

182 95.1 50.0 149.8

145 33.4 16.2 48.5

