

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010924\  
 Data File : VX039688.D  
 Acq On : 09 Jan 2024 18:46  
 Operator : JC/MD  
 Sample : VSTDICC005  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC005

Quant Time: Jan 10 07:23:42 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X010924W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 10 07:08:34 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.550  | 168   | 100828   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 188362   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 160556   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 68153    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.964  | 65    | 9917     | 5.887    | ug/l   | 0.01     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 11.780%# |
| 35) Dibromofluoromethane     | 5.391  | 113   | 7164     | 5.820    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 11.640%# |
| 50) Toluene-d8               | 8.647  | 98    | 25891    | 5.553    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 11.100%# |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 8626     | 4.940    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 9.880%#  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.167  | 85    | 5964     | 4.401    | ug/l   | 92       |
| 3) Chloromethane             | 1.295  | 50    | 8022     | 5.306    | ug/l   | 95       |
| 4) Vinyl Chloride            | 1.374  | 62    | 7876     | 5.494    | ug/l   | 98       |
| 5) Bromomethane              | 1.593  | 94    | 4464     | 6.499    | ug/l   | 91       |
| 6) Chloroethane              | 1.660  | 64    | 2673     | 3.889    | ug/l   | 92       |
| 7) Trichlorofluoromethane    | 1.874  | 101   | 10916    | 5.180    | ug/l   | 100      |
| 8) Diethyl Ether             | 2.136  | 74    | 3821     | 4.997    | ug/l   | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 2.319  | 101   | 6921     | 5.528    | ug/l   | 97       |
| 10) Methyl Iodide            | 2.453  | 142   | 5514     | 3.909    | ug/l   | 93       |
| 11) Tert butyl alcohol       | 3.008  | 59    | 13758    | 31.027   | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 2.313  | 96    | 6433     | 5.185    | ug/l   | 87       |
| 13) Acrolein                 | 2.240  | 56    | 10027    | 33.313   | ug/l   | 97       |
| 14) Allyl chloride           | 2.660  | 41    | 12180    | 5.028    | ug/l   | 99       |
| 15) Acrylonitrile            | 3.063  | 53    | 24259    | 26.690   | ug/l   | 100      |
| 16) Acetone                  | 2.386  | 43    | 24331    | 26.764   | ug/l   | 95       |
| 17) Carbon Disulfide         | 2.508  | 76    | 17558    | 4.906    | ug/l   | 99       |
| 18) Methyl Acetate           | 2.703  | 43    | 10620    | 5.307    | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 3.111  | 73    | 22968    | 5.266    | ug/l   | 99       |
| 20) Methylene Chloride       | 2.788  | 84    | 7625     | 5.051    | ug/l   | 93       |
| 21) trans-1,2-Dichloroethene | 3.087  | 96    | 6856     | 5.305    | ug/l   | 99       |
| 22) Diisopropyl ether        | 3.764  | 45    | 25515    | 5.543    | ug/l   | 98       |
| 23) Vinyl Acetate            | 3.721  | 43    | 110254   | 25.850   | ug/l   | 97       |
| 24) 1,1-Dichloroethane       | 3.605  | 63    | 13523    | 5.317    | ug/l   | 93       |
| 25) 2-Butanone               | 4.568  | 43    | 35708    | 26.870   | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 4.471  | 77    | 9994     | 4.981    | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 4.489  | 96    | 7845     | 5.279    | ug/l   | 98       |
| 28) Bromochloromethane       | 4.904  | 49    | 6183     | 5.308    | ug/l # | 97       |
| 29) Tetrahydrofuran          | 5.013  | 42    | 23713    | 27.364   | ug/l   | 98       |
| 30) Chloroform               | 5.093  | 83    | 13469    | 5.423    | ug/l   | 95       |
| 31) Cyclohexane              | 5.471  | 56    | 11965    | 5.222    | ug/l   | 94       |
| 32) 1,1,1-Trichloroethane    | 5.385  | 97    | 10589    | 5.013    | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 5.690  | 75    | 10034    | 5.212    | ug/l   | 99       |
| 37) Ethyl Acetate            | 4.721  | 43    | 13288    | 5.287    | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 5.672  | 117   | 8559     | 4.721    | ug/l # | 90       |
| 39) Methylcyclohexane        | 7.379  | 83    | 11509    | 4.958    | ug/l   | 97       |
| 40) Benzene                  | 6.038  | 78    | 29023    | 5.222    | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010924\  
 Data File : VX039688.D  
 Acq On : 09 Jan 2024 18:46  
 Operator : JC/MD  
 Sample : VSTDICC005  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC005

Quant Time: Jan 10 07:23:42 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X010924W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 10 07:08:34 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.928  | 41   | 6539     | 5.144   | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 11323    | 5.266   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.349  | 43   | 19609    | 5.098   | ug/l   | 98       |
| 44) Trichloroethene           | 7.123  | 130  | 6211     | 4.651   | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 7.428  | 63   | 7612     | 5.021   | ug/l   | 97       |
| 46) Dibromomethane            | 7.586  | 93   | 5151     | 5.125   | ug/l   | 95       |
| 47) Bromodichloromethane      | 7.824  | 83   | 8737     | 4.715   | ug/l # | 98       |
| 48) Methyl methacrylate       | 7.696  | 41   | 8870     | 4.874   | ug/l   | 93       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 3873     | 104.624 | ug/l # | 100      |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 68083    | 26.593  | ug/l   | 97       |
| 52) Toluene                   | 8.720  | 92   | 16402    | 4.894   | ug/l   | 90       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 9250     | 4.582   | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 10273    | 4.688   | ug/l   | 88       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 7314     | 5.223   | ug/l   | 95       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 11173    | 4.952   | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 12543    | 5.279   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.245  | 63   | 27675    | 26.025  | ug/l   | 95       |
| 59) 2-Hexanone                | 9.433  | 43   | 52933    | 25.927  | ug/l   | 98       |
| 60) Dibromochloromethane      | 9.519  | 129  | 5942     | 4.680   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 7332     | 5.070   | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.275  | 164  | 5419     | 5.345   | ug/l   | 90       |
| 65) Chlorobenzene             | 10.080 | 112  | 17318    | 5.196   | ug/l   | 93       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 5731     | 4.910   | ug/l   | 95       |
| 67) Ethyl Benzene             | 10.195 | 91   | 32387    | 5.243   | ug/l   | 100      |
| 68) m/p-Xylenes               | 10.299 | 106  | 23825    | 10.466  | ug/l   | 95       |
| 69) o-Xylene                  | 10.640 | 106  | 12164    | 5.385   | ug/l   | 97       |
| 70) Styrene                   | 10.659 | 104  | 18561    | 5.147   | ug/l   | 98       |
| 71) Bromoform                 | 10.799 | 173  | 3368     | 4.002   | ug/l # | 91       |
| 73) Isopropylbenzene          | 10.964 | 105  | 31209    | 5.523   | ug/l   | 99       |
| 74) N-amyl acetate            | 10.848 | 43   | 15043    | 4.998   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 11.214 | 83   | 11852    | 5.414   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 12685    | 6.895   | ug/l   | 95       |
| 77) Bromobenzene              | 11.201 | 156  | 6581     | 5.184   | ug/l   | 92       |
| 78) n-propylbenzene           | 11.305 | 91   | 33887    | 5.078   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 23321    | 5.579   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 25116    | 5.205   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 2415     | 4.029   | ug/l   | 89       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 25211    | 5.323   | ug/l   | 97       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 24349    | 5.235   | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 25077    | 5.213   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 30934    | 5.335   | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 23450    | 5.085   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 12503    | 5.216   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 12630    | 5.284   | ug/l   | 93       |
| 89) n-Butylbenzene            | 12.329 | 91   | 20260    | 4.771   | ug/l   | 94       |
| 90) Hexachloroethane          | 12.536 | 117  | 3895     | 4.845   | ug/l   | 88       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 12648    | 5.286   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 2293     | 4.517   | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 6583     | 4.830   | ug/l   | 93       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 2951     | 5.212   | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 26226    | 4.826   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 6859     | 4.922   | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010924\  
Data File : VX039688.D  
Acq On : 09 Jan 2024 18:46  
Operator : JC/MD  
Sample : VSTDICC005  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 18 Sample Multiplier: 1

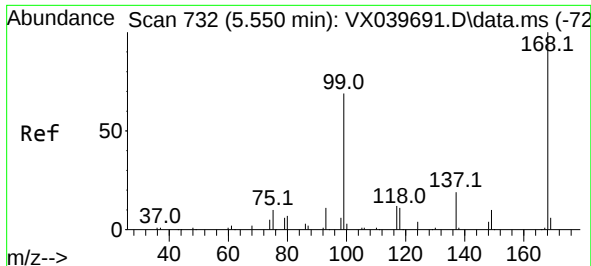
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

Quant Time: Jan 10 07:23:42 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X010924W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 10 07:08:34 2024  
Response via : Initial Calibration

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

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

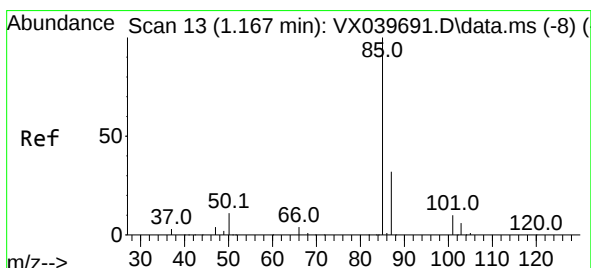
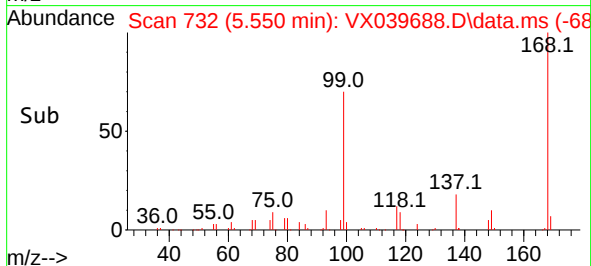
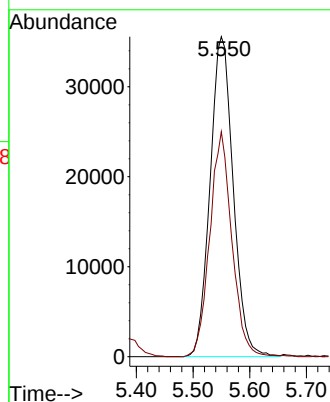
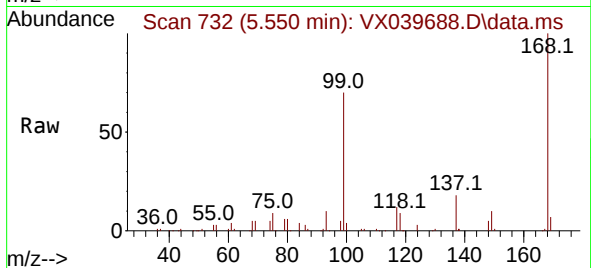




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

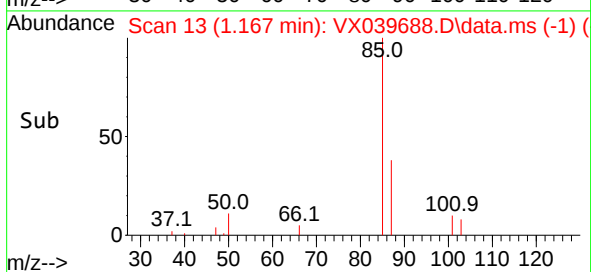
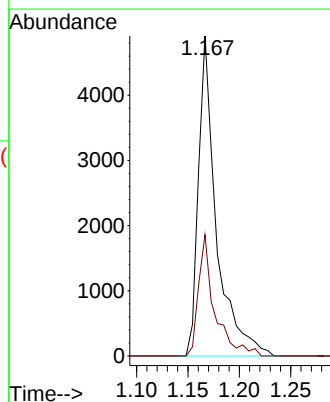
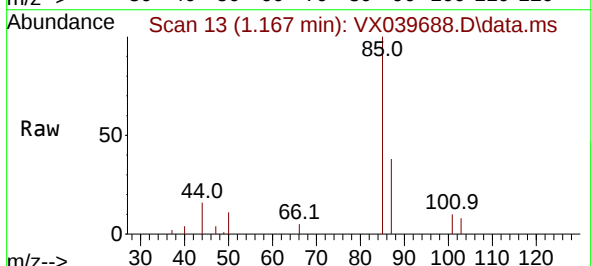
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

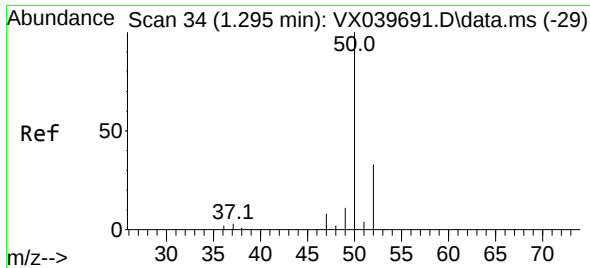
Tgt Ion:168 Resp: 100828  
Ion Ratio Lower Upper  
168 100  
99 70.3 56.6 85.0



#2  
Dichlorodifluoromethane  
Concen: 4.401 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

Tgt Ion: 85 Resp: 5964  
Ion Ratio Lower Upper  
85 100  
87 37.9 16.7 50.1

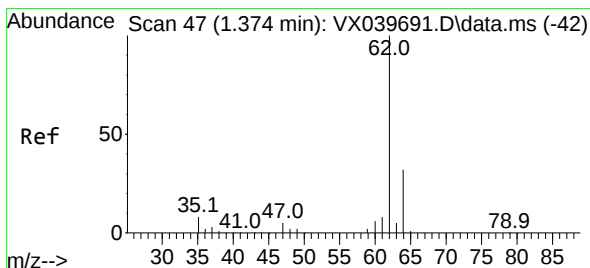
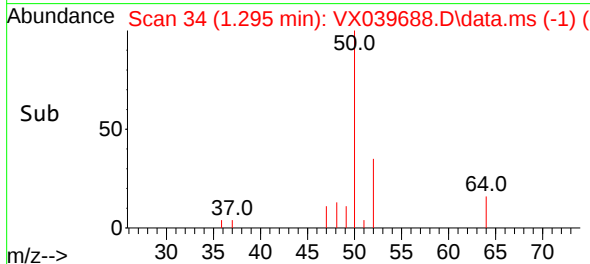
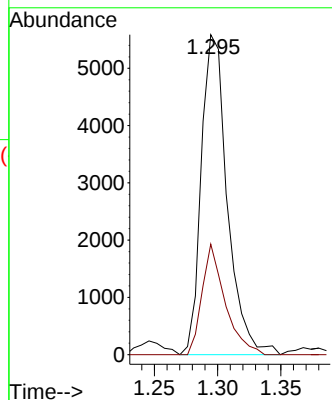
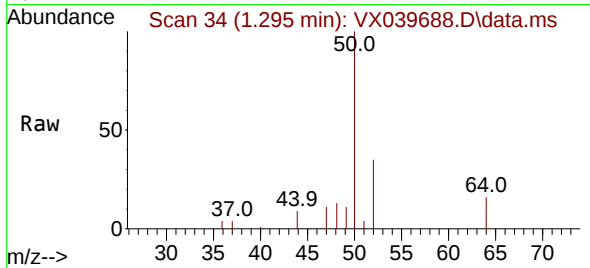




#3  
Chloromethane  
Concen: 5.306 ug/l  
RT: 1.295 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

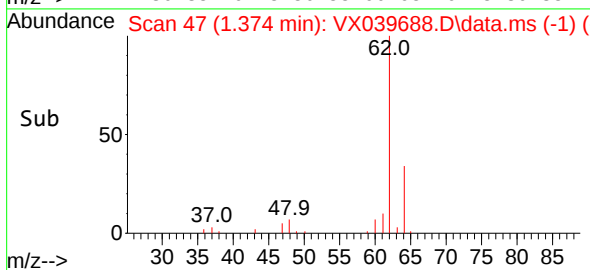
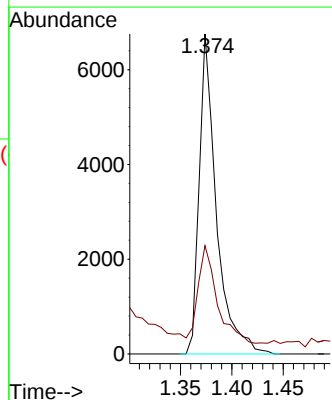
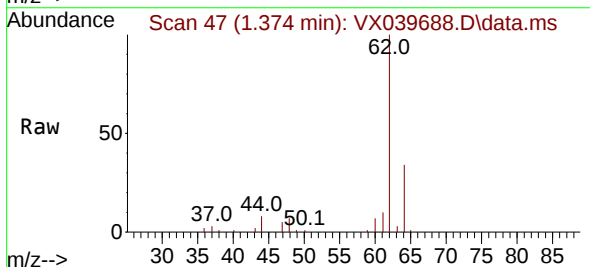
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

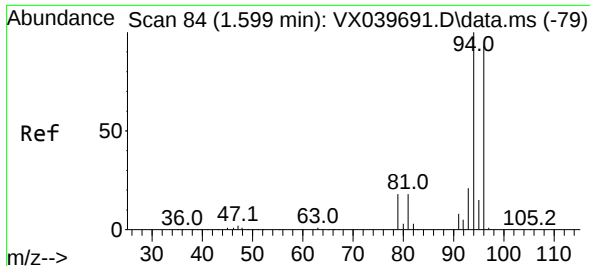
Tgt Ion: 50 Resp: 8022  
Ion Ratio Lower Upper  
50 100  
52 34.6 25.5 38.3



#4  
Vinyl Chloride  
Concen: 5.494 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

Tgt Ion: 62 Resp: 7876  
Ion Ratio Lower Upper  
62 100  
64 30.5 25.4 38.0

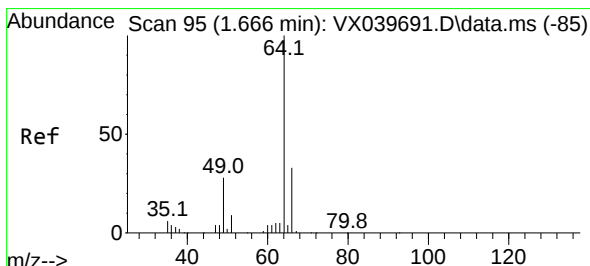
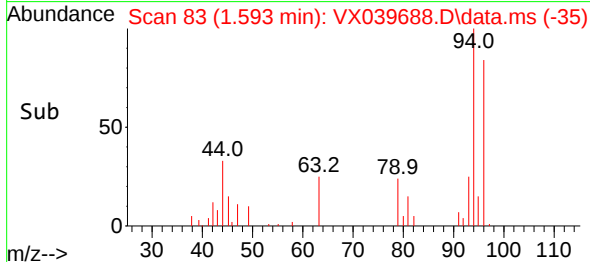
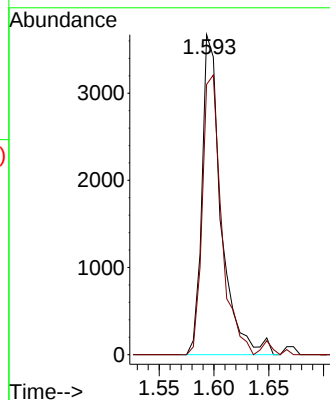
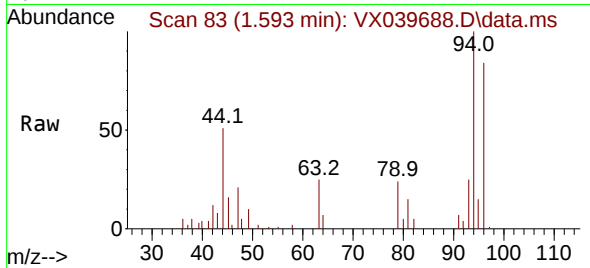




#5  
Bromomethane  
Concen: 6.499 ug/l  
RT: 1.593 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

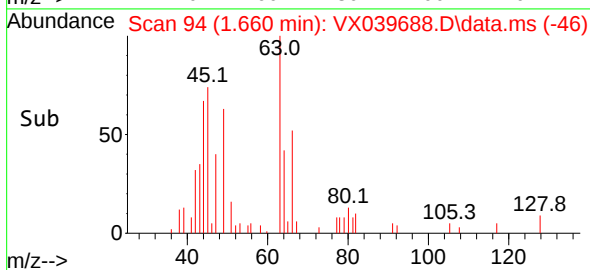
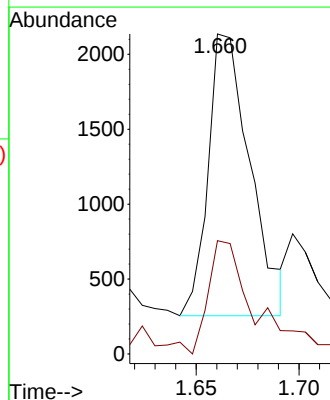
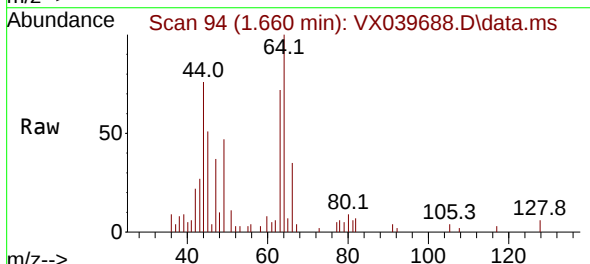
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

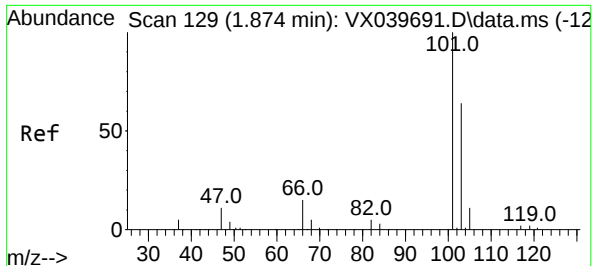
Tgt Ion: 94 Resp: 4464  
Ion Ratio Lower Upper  
94 100  
96 84.5 74.6 111.8



#6  
Chloroethane  
Concen: 3.889 ug/l  
RT: 1.660 min Scan# 94  
Delta R.T. -0.006 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

Tgt Ion: 64 Resp: 2673  
Ion Ratio Lower Upper  
64 100  
66 36.0 25.1 37.7

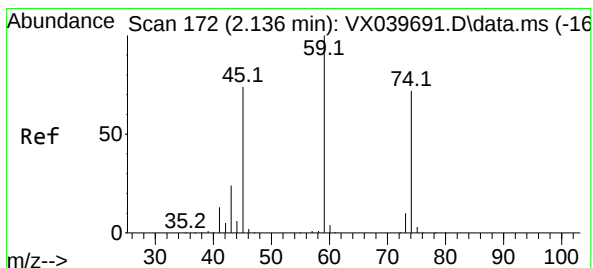
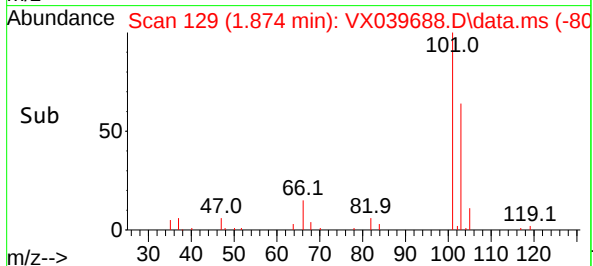
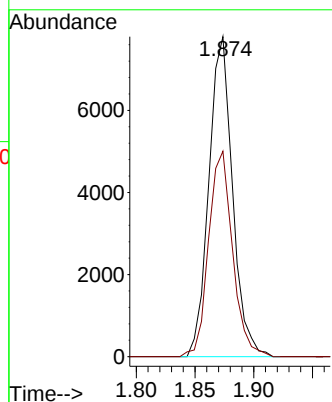
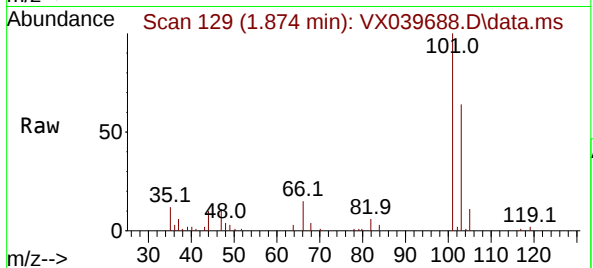




#7  
Trichlorofluoromethane  
Concen: 5.180 ug/l  
RT: 1.874 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

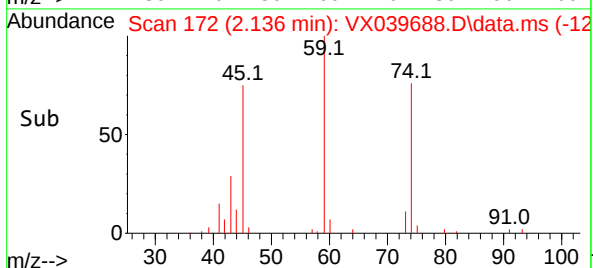
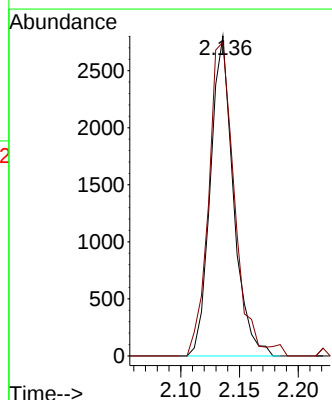
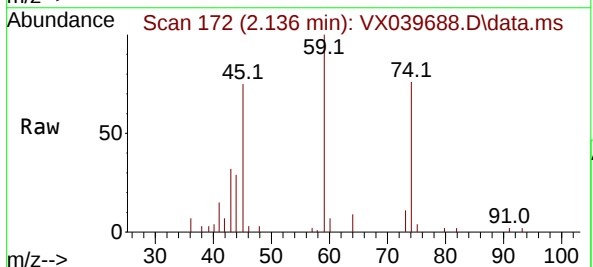
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

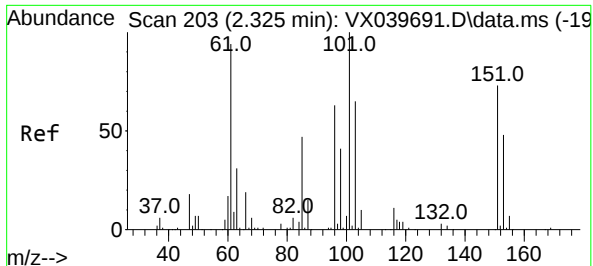
Tgt Ion:101 Resp: 10916  
Ion Ratio Lower Upper  
101 100  
103 64.2 51.4 77.2



#8  
Diethyl Ether  
Concen: 4.997 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.000 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

Tgt Ion: 74 Resp: 3821  
Ion Ratio Lower Upper  
74 100  
45 110.5 53.3 159.8

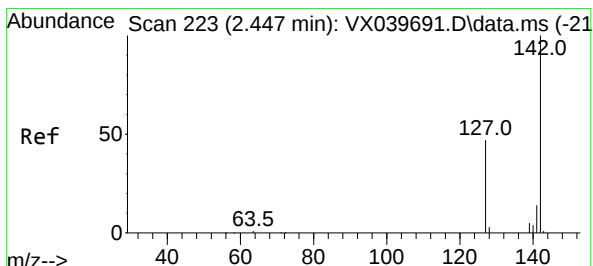
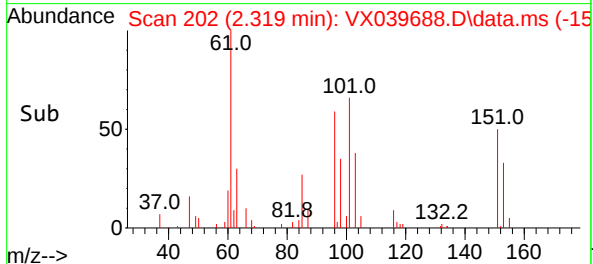
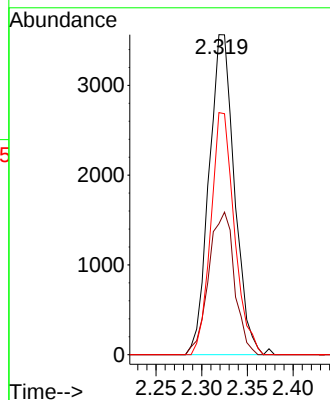
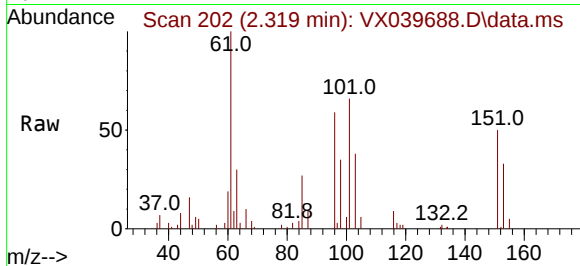




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 5.528 ug/l  
RT: 2.319 min Scan# 203  
Delta R.T. -0.006 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

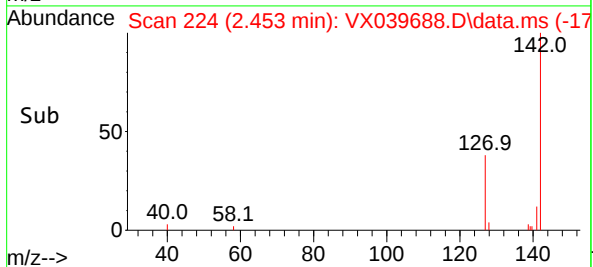
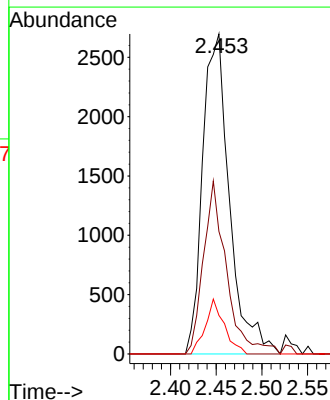
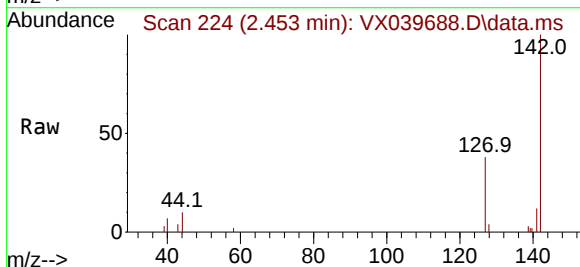
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

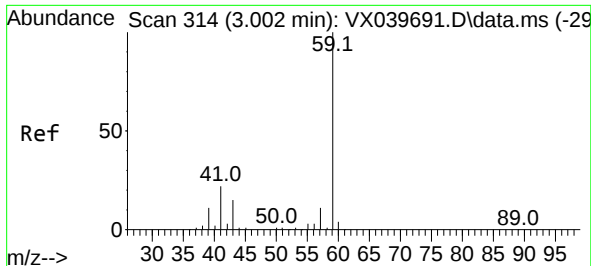
Tgt Ion:101 Resp: 6921  
Ion Ratio Lower Upper  
101 100  
85 45.0 37.0 55.6  
151 69.9 58.6 87.8



#10  
Methyl Iodide  
Concen: 3.909 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.006 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

Tgt Ion:142 Resp: 5514  
Ion Ratio Lower Upper  
142 100  
127 46.4 41.6 62.4  
141 12.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 31.027 ug/l

RT: 3.008 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

Instrument :

MSVOA\_X

ClientSampleId :

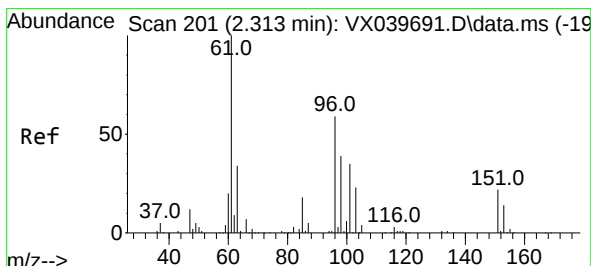
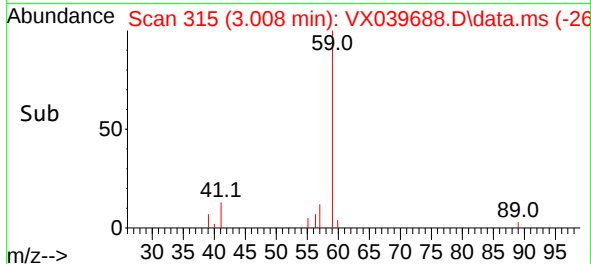
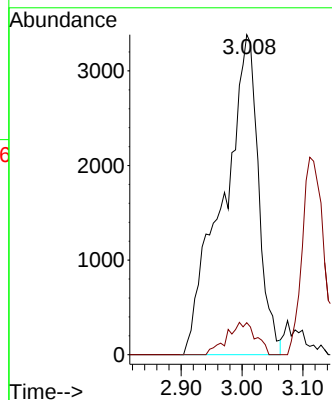
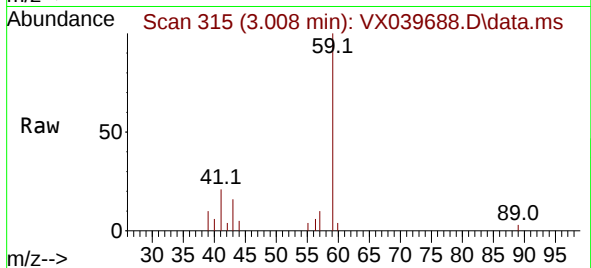
VSTDIC005

Tgt Ion: 59 Resp: 13758

Ion Ratio Lower Upper

59 100

57 8.2 6.0 9.0



#12

1,1-Dichloroethene

Concen: 5.185 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

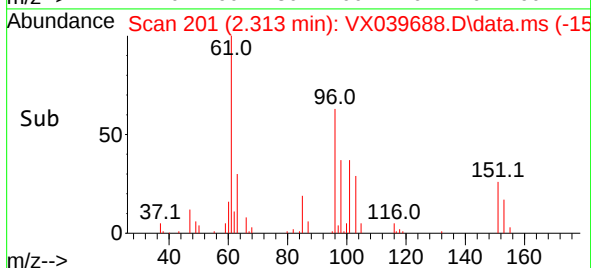
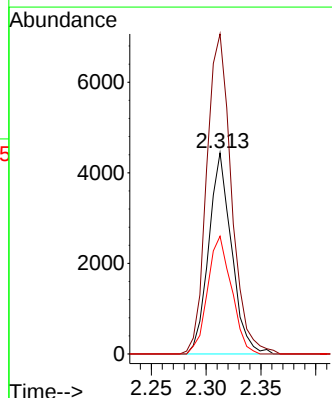
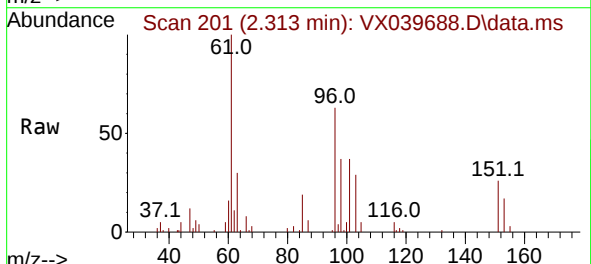
Tgt Ion: 96 Resp: 6433

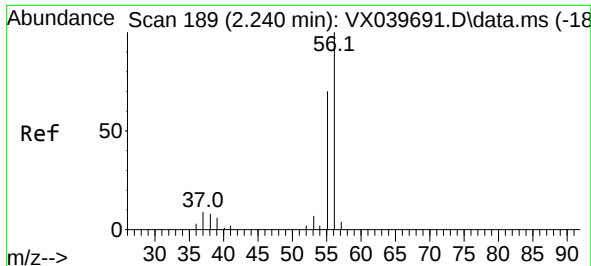
Ion Ratio Lower Upper

96 100

61 159.1 144.6 216.8

98 58.6 50.4 75.6





#13

Acrolein

Concen: 33.313 ug/l

RT: 2.240 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

Instrument :

MSVOA\_X

ClientSampleId :

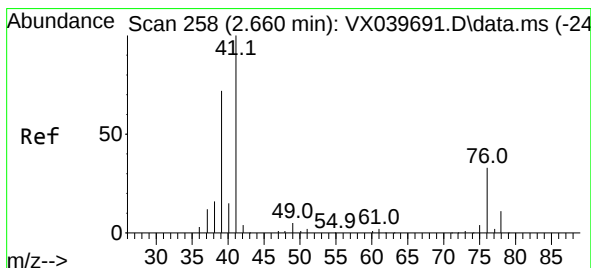
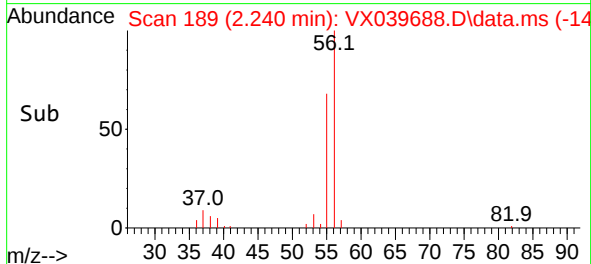
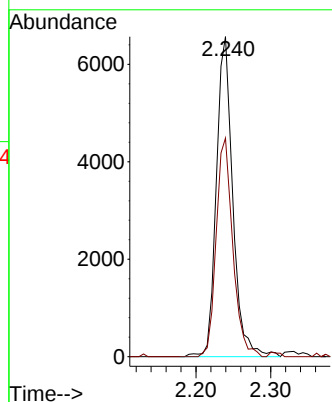
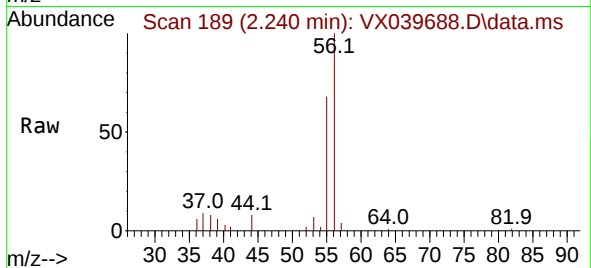
VSTDICC005

Tgt Ion: 56 Resp: 10027

Ion Ratio Lower Upper

56 100

55 69.0 57.1 85.7



#14

Allyl chloride

Concen: 5.028 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

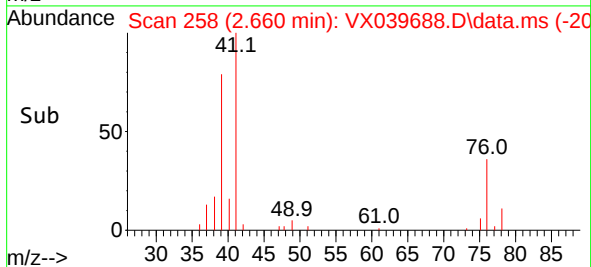
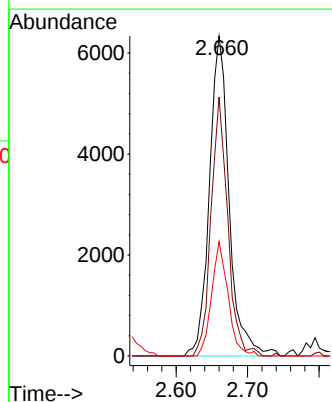
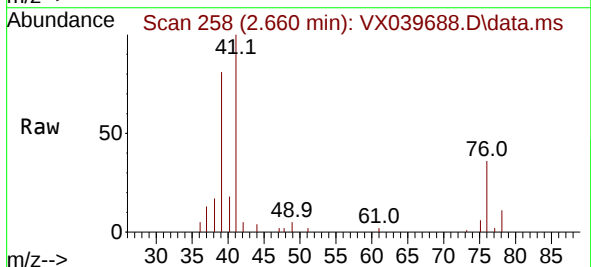
Tgt Ion: 41 Resp: 12180

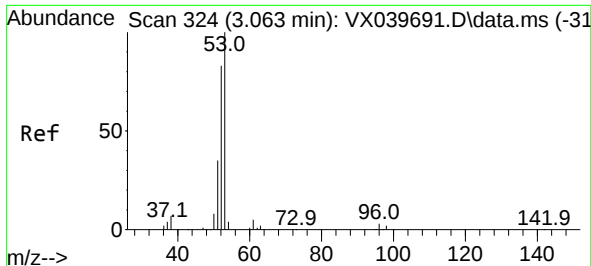
Ion Ratio Lower Upper

41 100

39 68.4 55.8 83.6

76 29.8 24.3 36.5

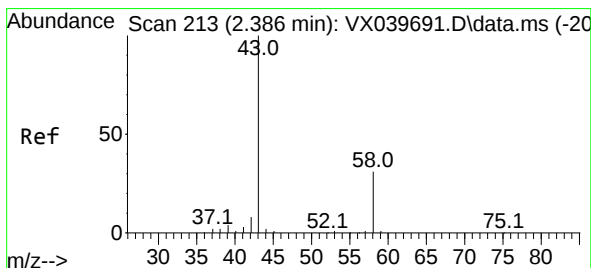
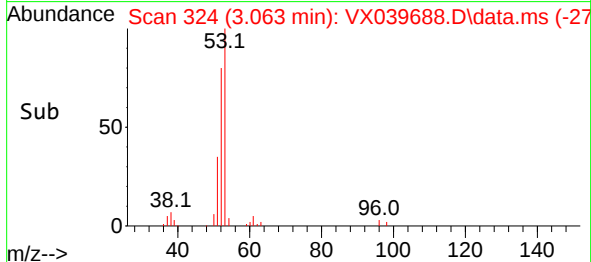
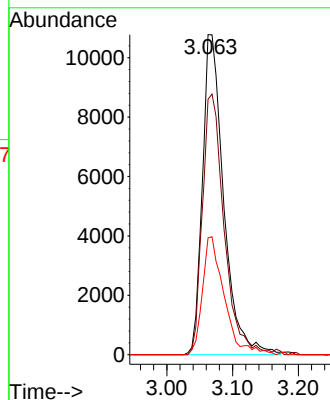
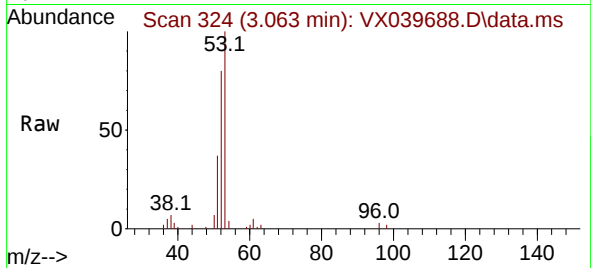




#15  
Acrylonitrile  
Concen: 26.690 ug/l  
RT: 3.063 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

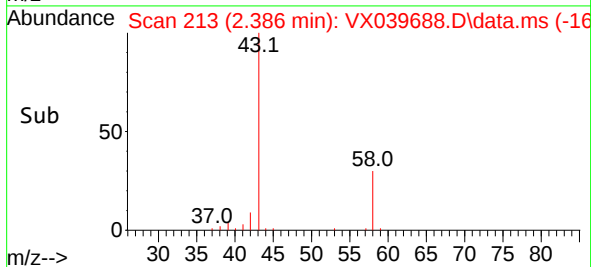
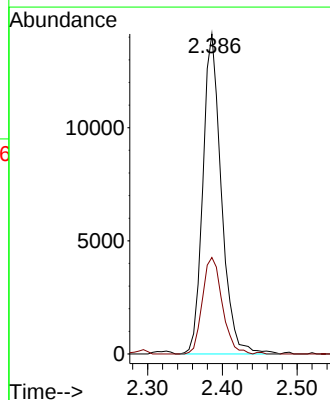
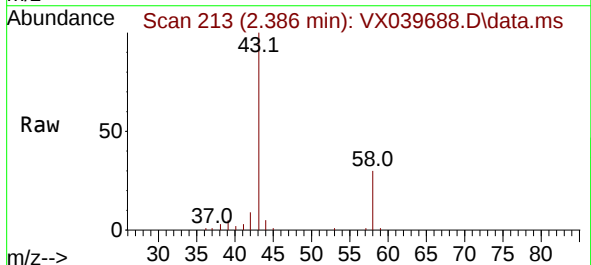
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

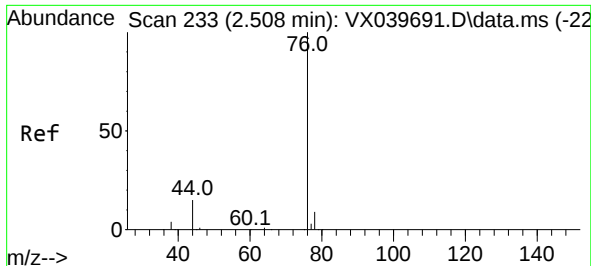
Tgt Ion: 53 Resp: 24259  
Ion Ratio Lower Upper  
53 100  
52 82.9 66.0 99.0  
51 37.6 29.8 44.6



#16  
Acetone  
Concen: 26.764 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

Tgt Ion: 43 Resp: 24331  
Ion Ratio Lower Upper  
43 100  
58 30.1 21.9 32.9

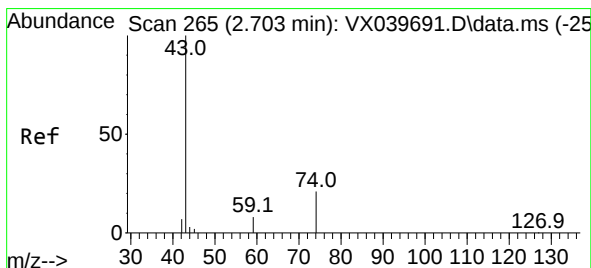
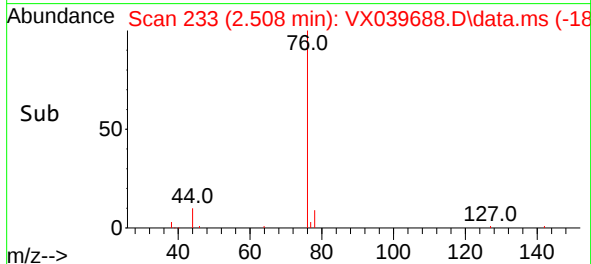
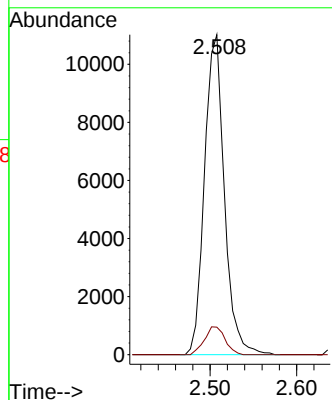
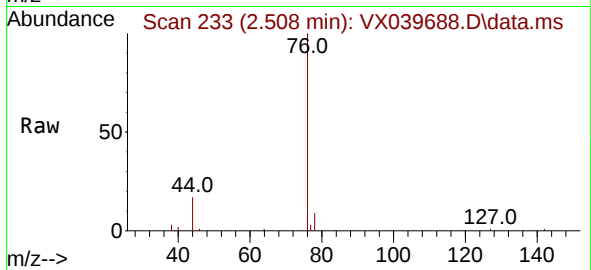




#17  
Carbon Disulfide  
Concen: 4.906 ug/l  
RT: 2.508 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

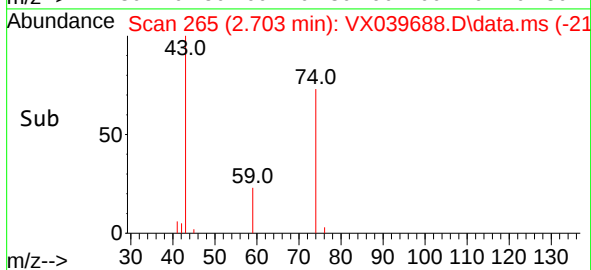
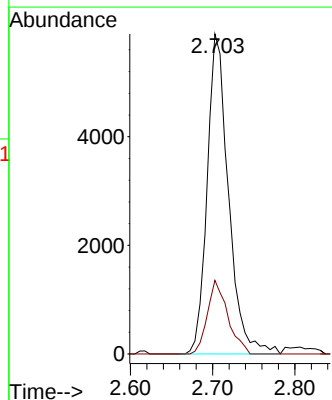
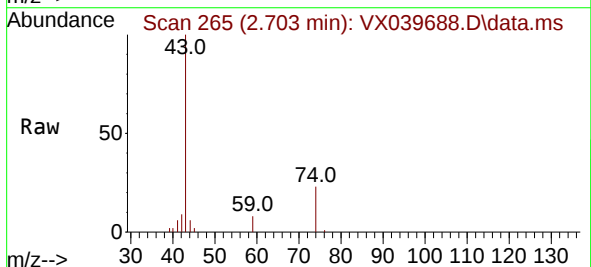
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

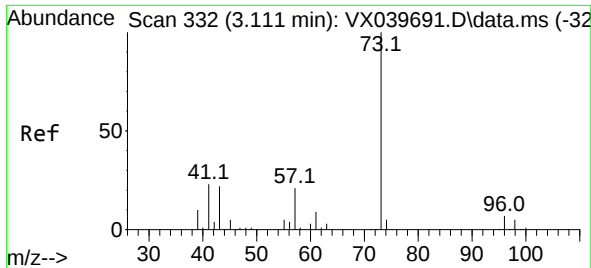
Tgt Ion: 76 Resp: 17558  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.0 10.6



#18  
Methyl Acetate  
Concen: 5.307 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.000 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

Tgt Ion: 43 Resp: 10620  
Ion Ratio Lower Upper  
43 100  
74 22.0 17.8 26.8

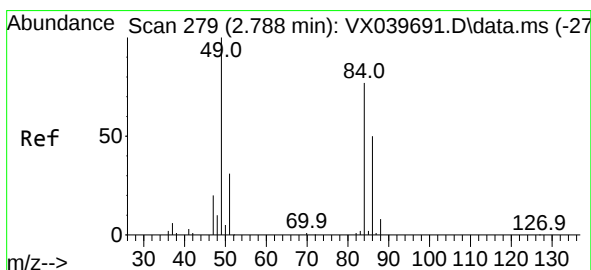
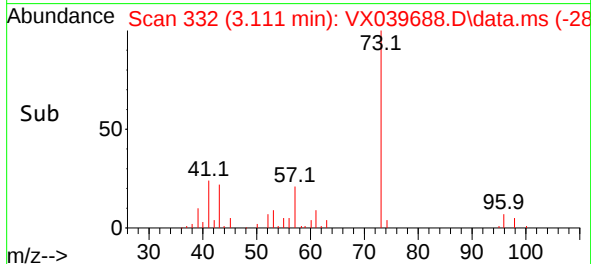
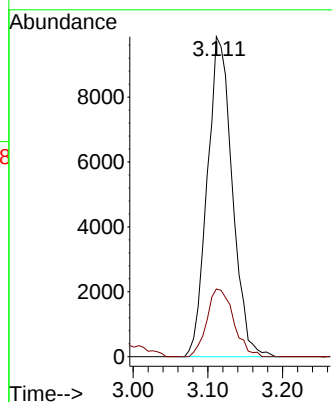
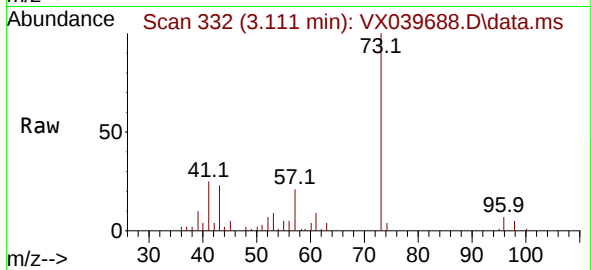




#19  
Methyl tert-butyl Ether  
Concen: 5.266 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

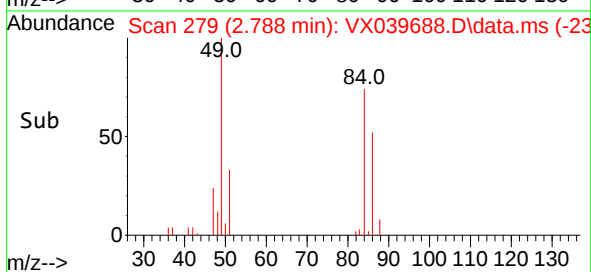
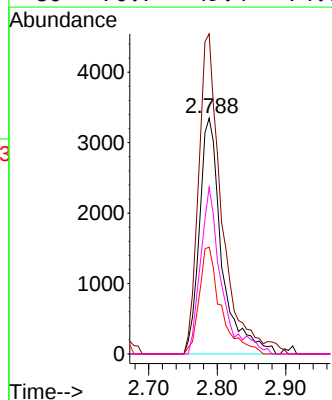
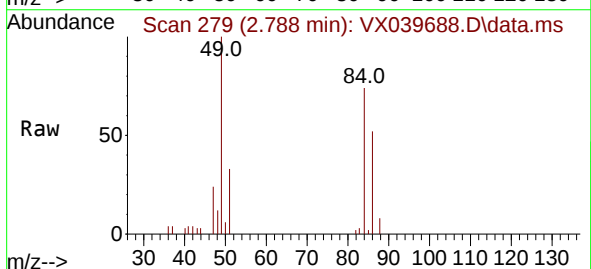
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

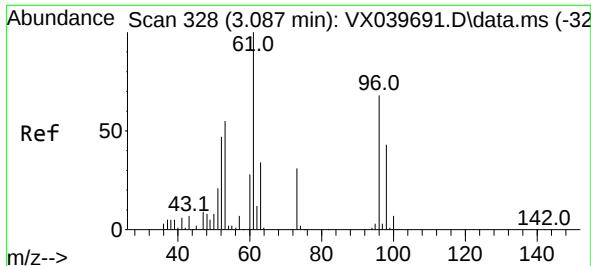
Tgt Ion: 73 Resp: 22968  
Ion Ratio Lower Upper  
73 100  
57 21.2 17.3 25.9



#20  
Methylene Chloride  
Concen: 5.051 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.000 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

Tgt Ion: 84 Resp: 7625  
Ion Ratio Lower Upper  
84 100  
49 135.8 103.6 155.4  
51 45.4 33.8 50.6  
86 70.7 49.4 74.0

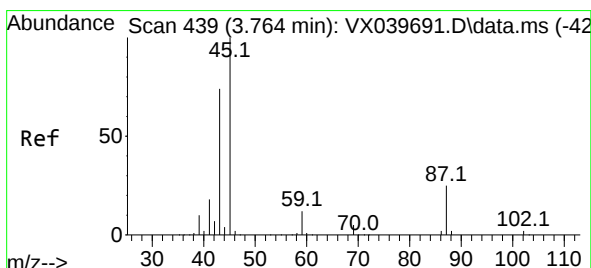
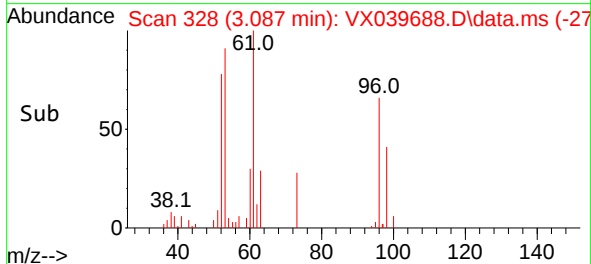
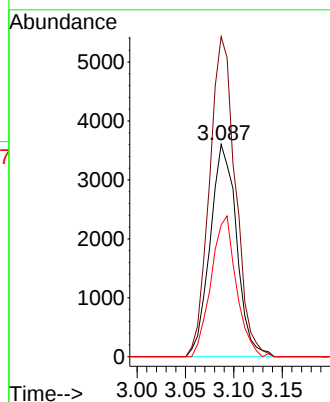
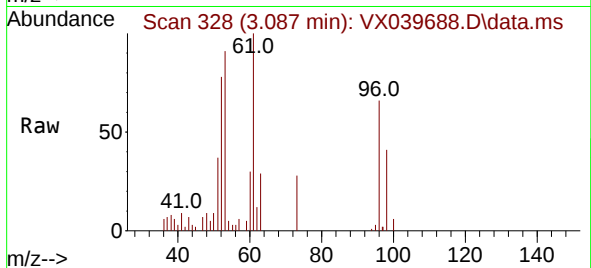




#21  
trans-1,2-Dichloroethene  
Concen: 5.305 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

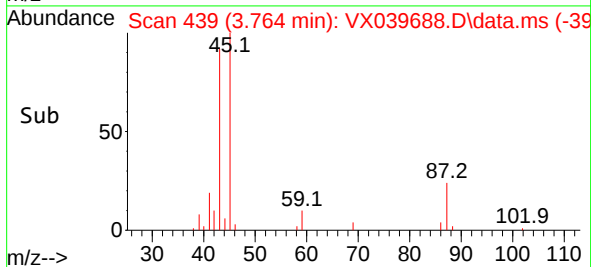
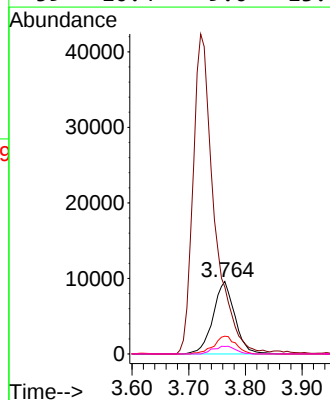
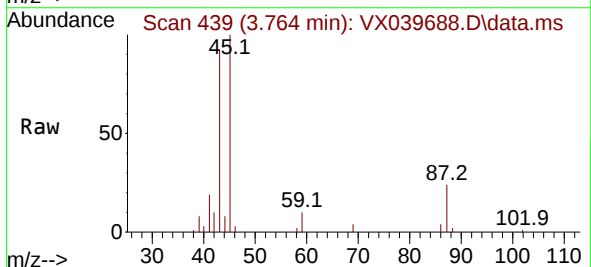
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

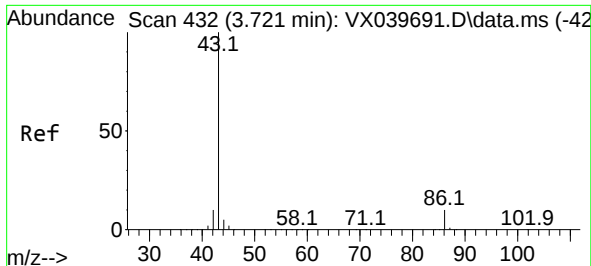
Tgt Ion: 96 Resp: 6856  
Ion Ratio Lower Upper  
96 100  
61 150.8 119.2 178.8  
98 62.1 48.7 73.1



#22  
Diisopropyl ether  
Concen: 5.543 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. -0.000 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

Tgt Ion: 45 Resp: 25515  
Ion Ratio Lower Upper  
45 100  
43 88.2 69.7 104.5  
87 24.5 20.8 31.2  
59 10.4 9.0 13.4

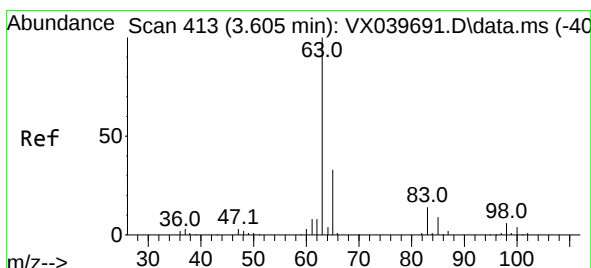
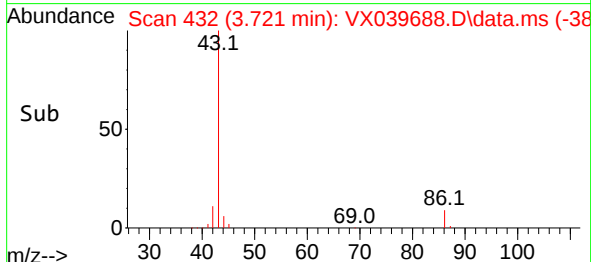
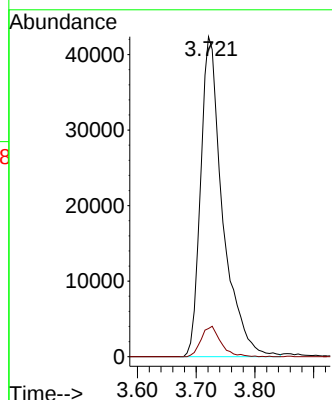
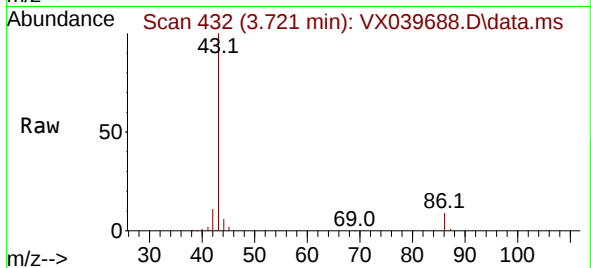




#23  
 Vinyl Acetate  
 Concen: 25.850 ug/l  
 RT: 3.721 min Scan# 413  
 Delta R.T. 0.000 min  
 Lab File: VX039688.D  
 Acq: 09 Jan 2024 18:46

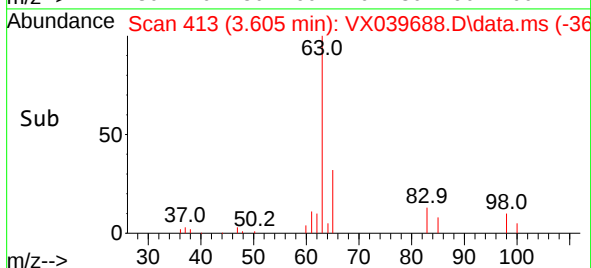
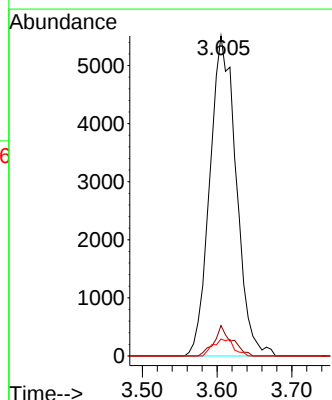
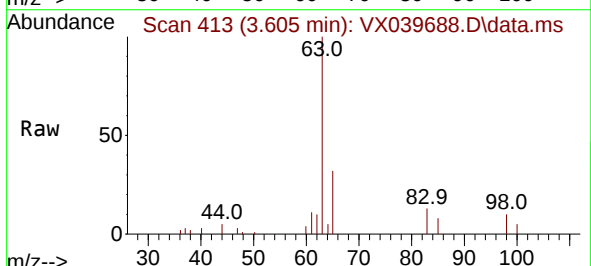
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

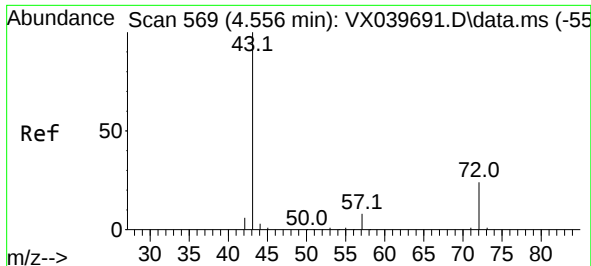
Tgt Ion: 43 Resp: 110254  
 Ion Ratio Lower Upper  
 43 100  
 86 8.8 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 5.317 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. 0.000 min  
 Lab File: VX039688.D  
 Acq: 09 Jan 2024 18:46

Tgt Ion: 63 Resp: 13523  
 Ion Ratio Lower Upper  
 63 100  
 98 9.5 3.3 9.8  
 100 5.3 2.1 6.5

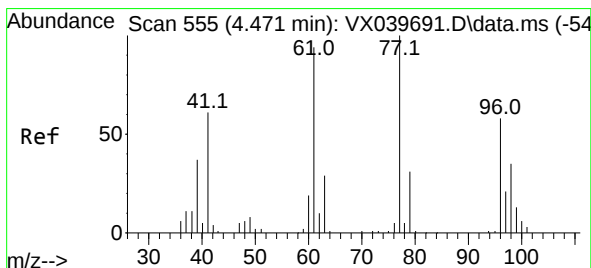
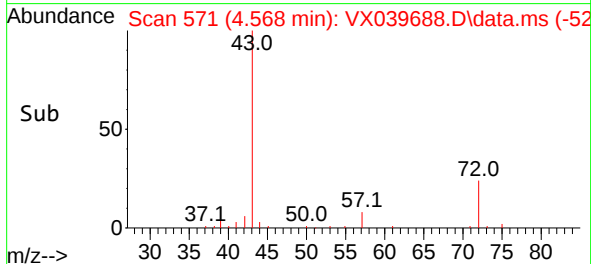
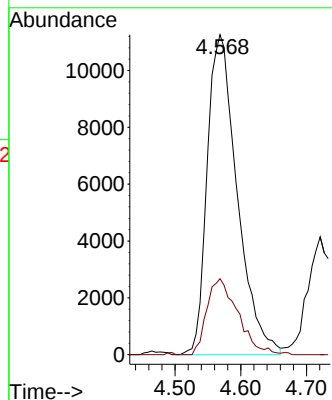
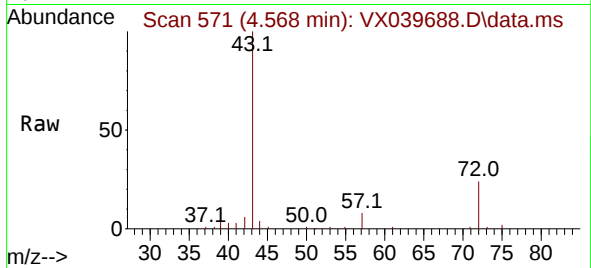




#25  
2-Butanone  
Concen: 26.870 ug/l  
RT: 4.568 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

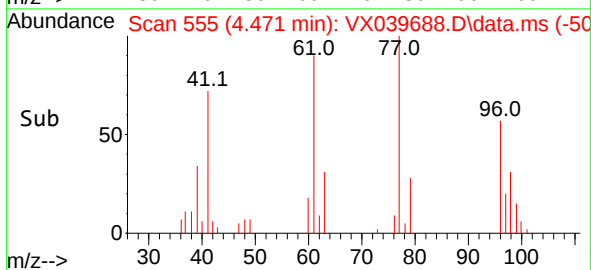
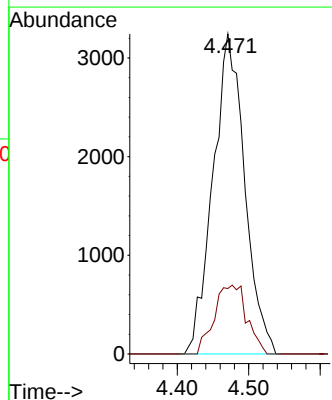
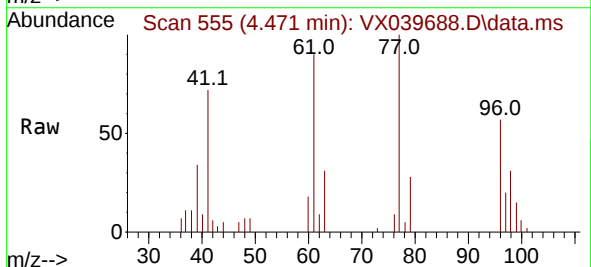
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

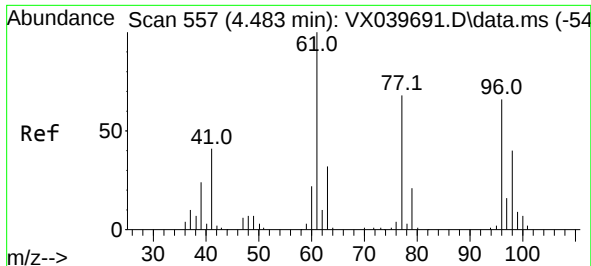
Tgt Ion: 43 Resp: 35708  
Ion Ratio Lower Upper  
43 100  
72 23.7 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 4.981 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. 0.000 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

Tgt Ion: 77 Resp: 9994  
Ion Ratio Lower Upper  
77 100  
97 22.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 5.279 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

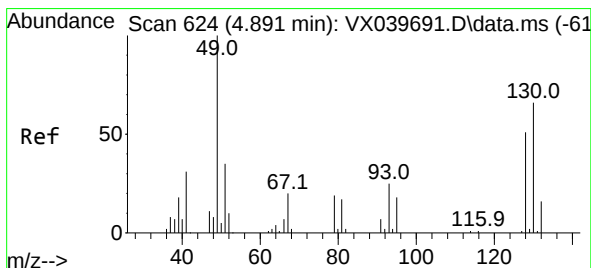
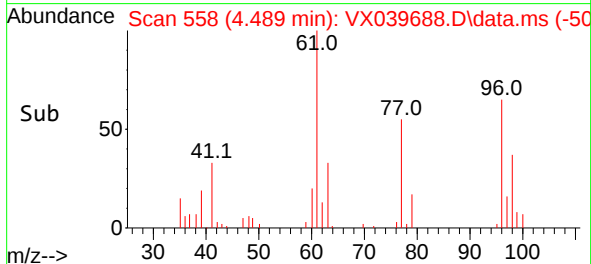
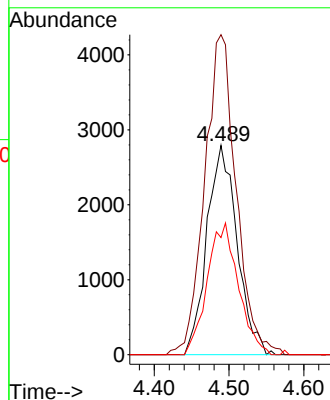
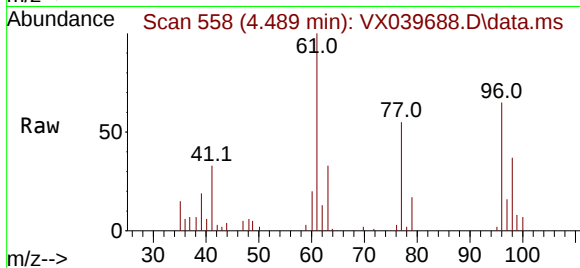
Tgt Ion: 96 Resp: 7845

Ion Ratio Lower Upper

96 100

61 159.6 0.0 312.2

98 64.9 0.0 129.0



#28

Bromochloromethane

Concen: 5.308 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.012 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

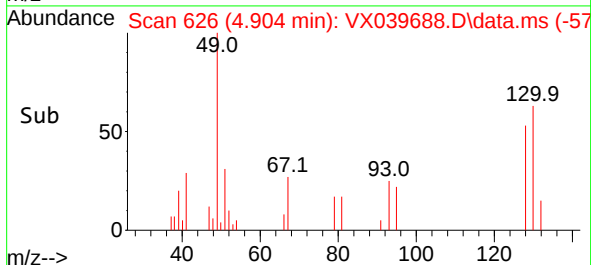
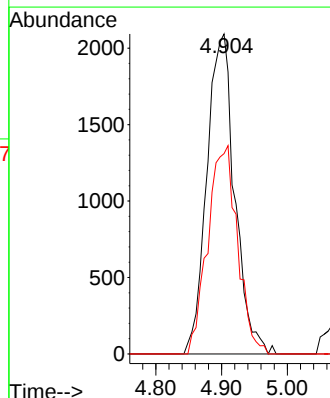
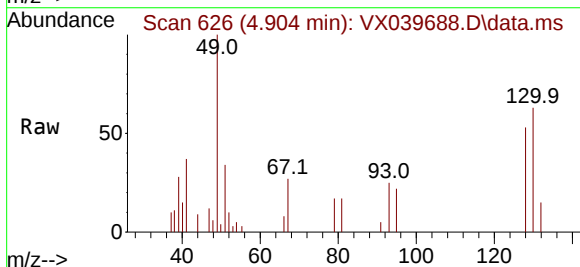
Tgt Ion: 49 Resp: 6183

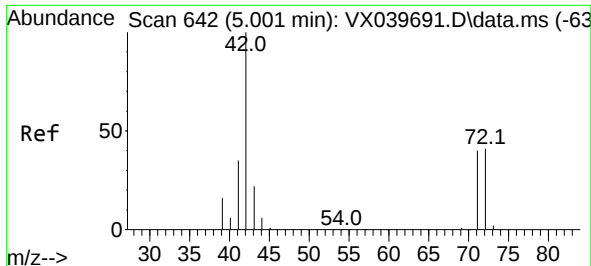
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 69.1 57.5 86.3

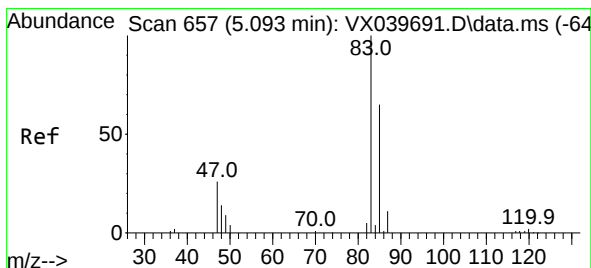
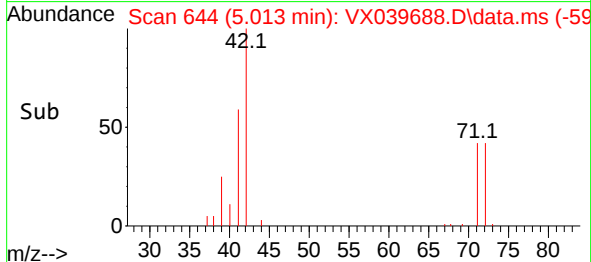
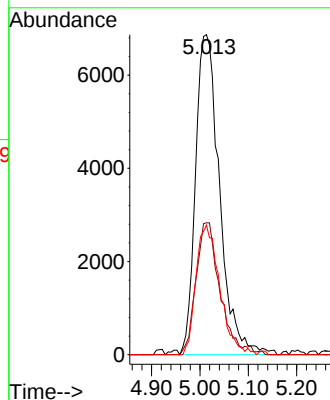
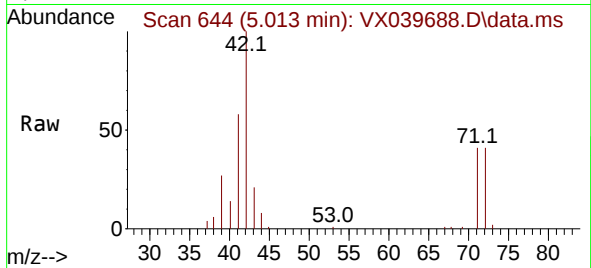




#29  
Tetrahydrofuran  
Concen: 27.364 ug/l  
RT: 5.013 min Scan# 64  
Delta R.T. 0.012 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

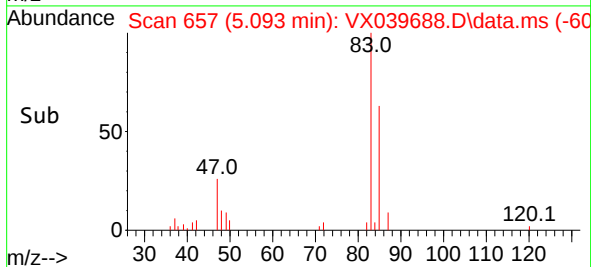
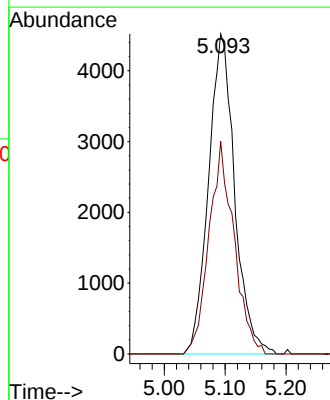
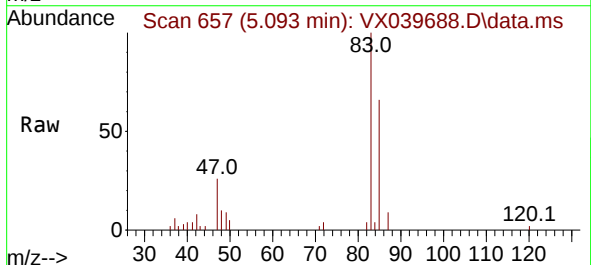
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

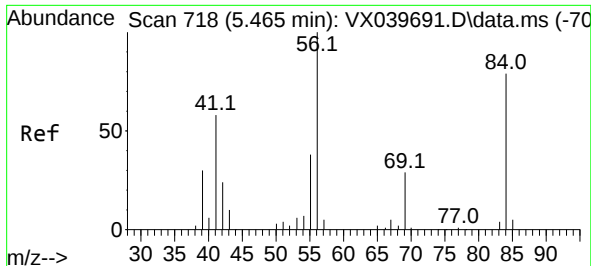
Tgt Ion: 42 Resp: 23713  
Ion Ratio Lower Upper  
42 100  
72 40.2 34.2 51.4  
71 40.0 32.2 48.2



#30  
Chloroform  
Concen: 5.423 ug/l  
RT: 5.093 min Scan# 657  
Delta R.T. 0.000 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

Tgt Ion: 83 Resp: 13469  
Ion Ratio Lower Upper  
83 100  
85 66.4 50.3 75.5

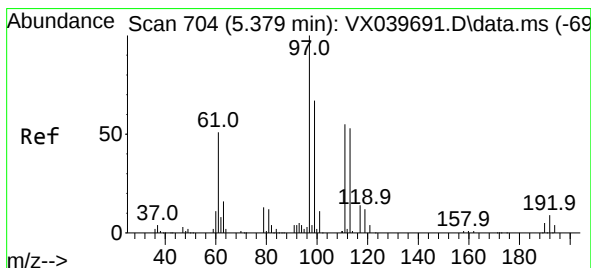
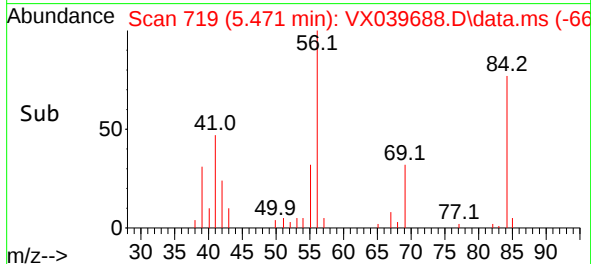
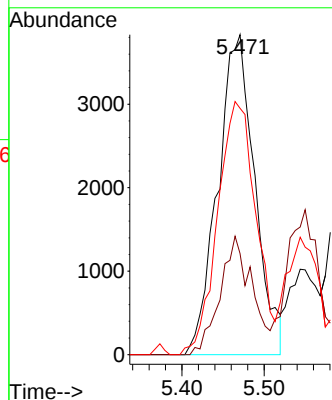
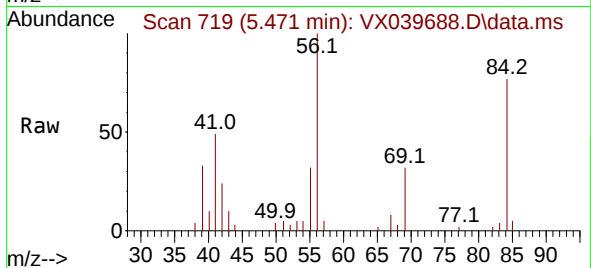




#31  
Cyclohexane  
Concen: 5.222 ug/l  
RT: 5.471 min Scan# 718  
Delta R.T. 0.006 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

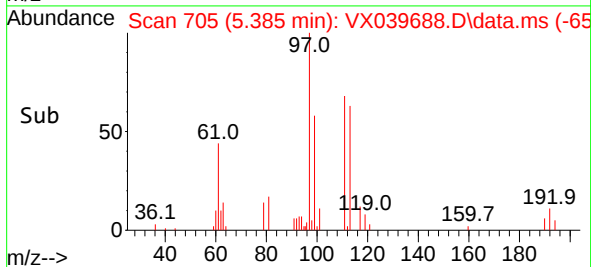
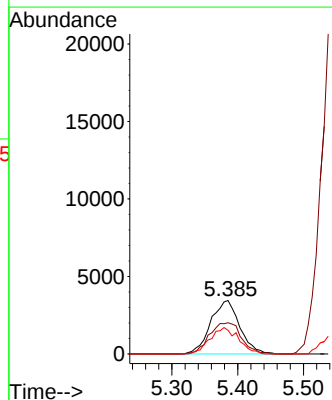
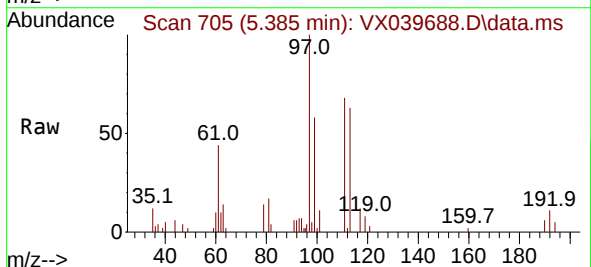
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

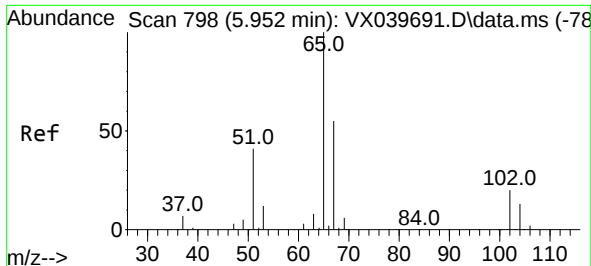
Tgt Ion: 56 Resp: 11965  
Ion Ratio Lower Upper  
56 100  
69 31.6 23.4 35.2  
84 77.0 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 5.013 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

Tgt Ion: 97 Resp: 10589  
Ion Ratio Lower Upper  
97 100  
99 64.3 51.1 76.7  
61 48.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 5.887 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.012 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

Instrument :

MSVOA\_X

ClientSampleId :

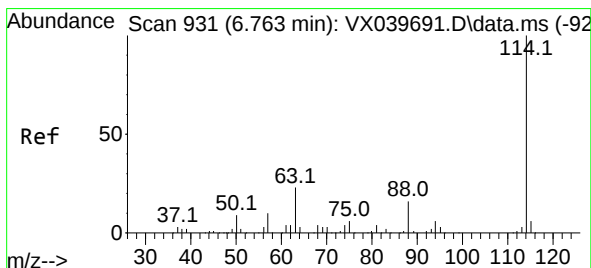
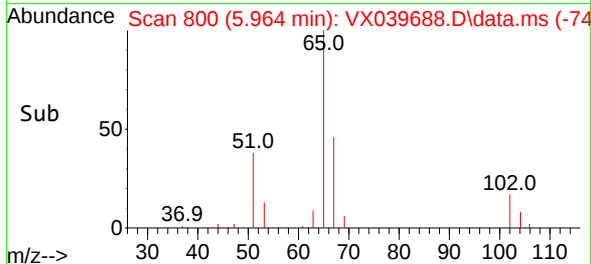
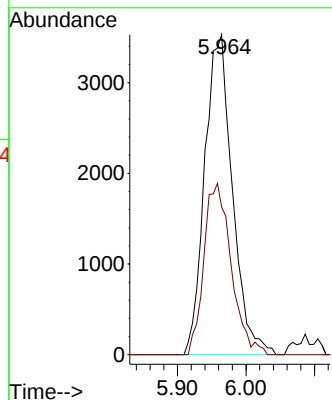
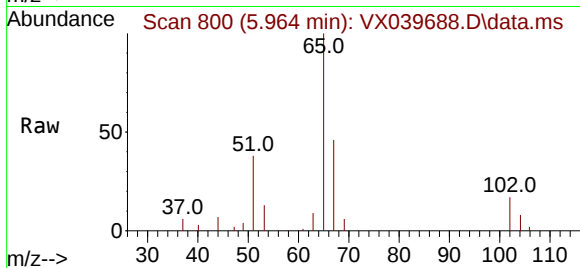
VSTDIC005

Tgt Ion: 65 Resp: 9917

Ion Ratio Lower Upper

65 100

67 52.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

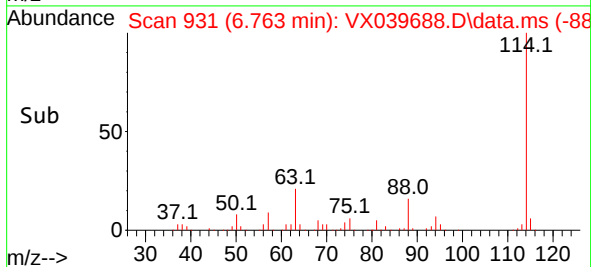
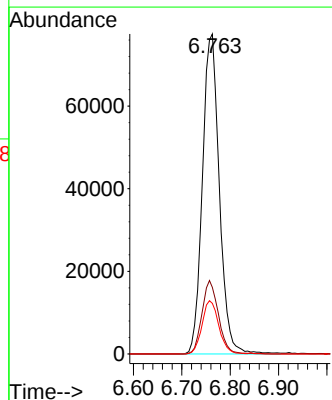
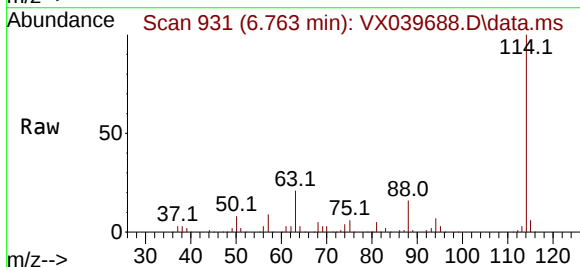
Tgt Ion: 114 Resp: 188362

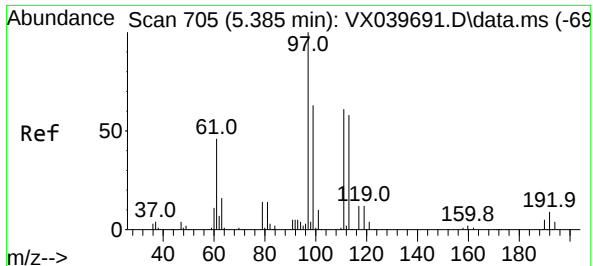
Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.0

88 15.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 5.820 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

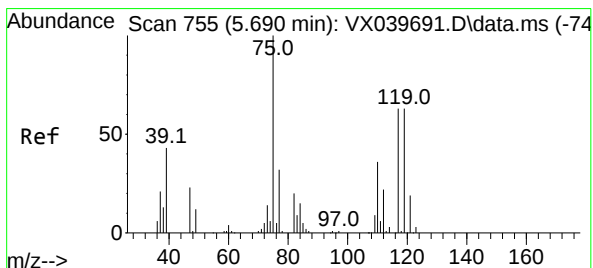
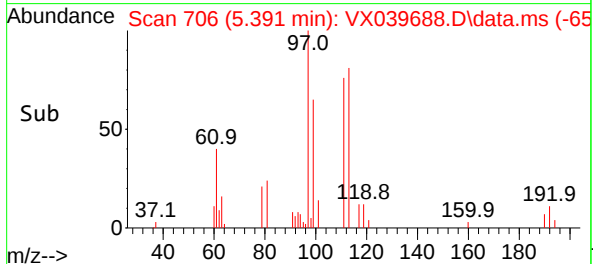
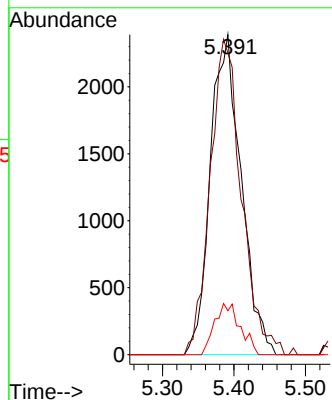
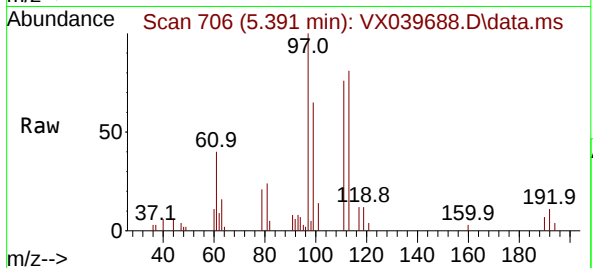
Tgt Ion:113 Resp: 7164

Ion Ratio Lower Upper

113 100

111 100.2 82.9 124.3

192 13.3 13.3 19.9#



#36

1,1-Dichloropropene

Concen: 5.212 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.000 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

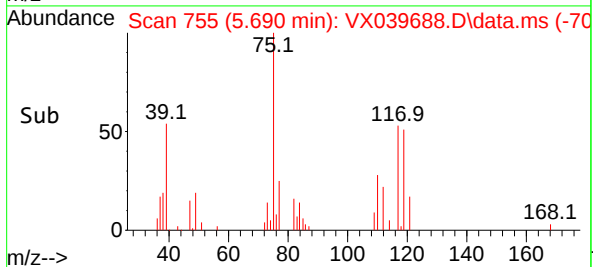
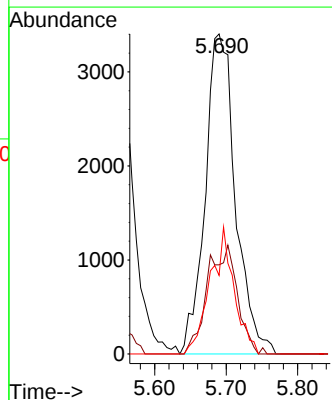
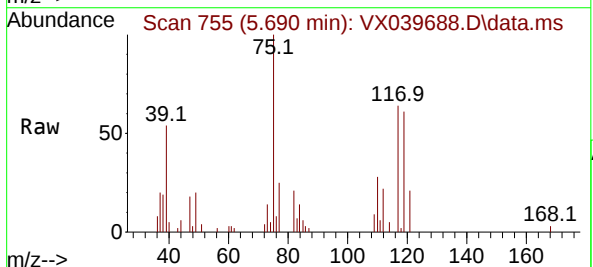
Tgt Ion: 75 Resp: 10034

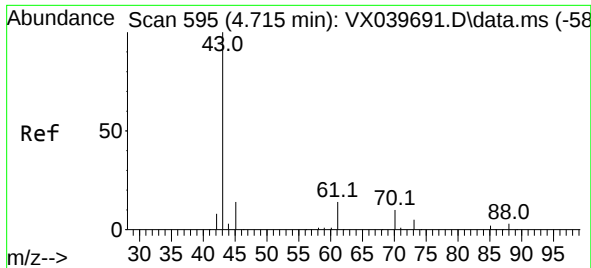
Ion Ratio Lower Upper

75 100

110 33.7 17.0 50.9

77 31.4 24.7 37.1





#37

Ethyl Acetate

Concen: 5.287 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC005

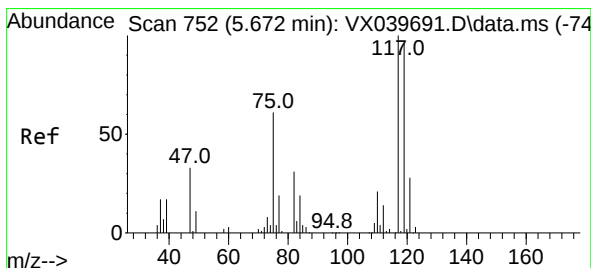
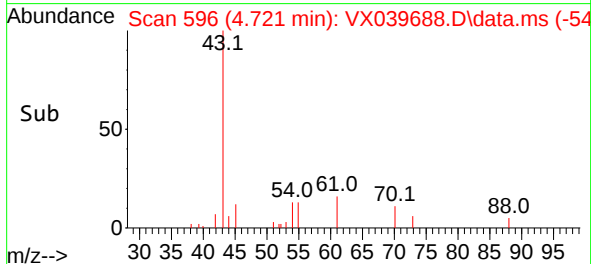
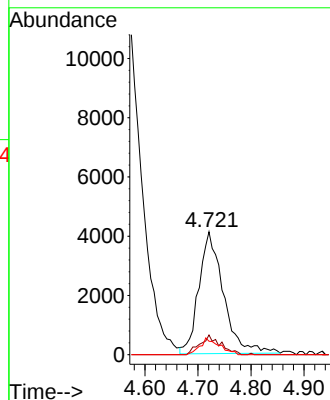
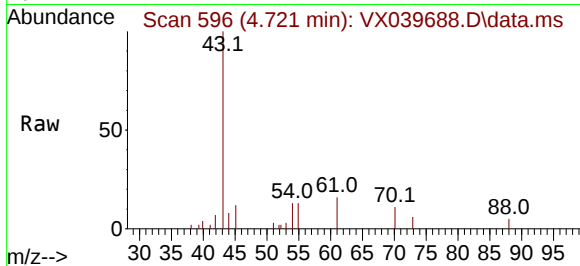
Tgt Ion: 43 Resp: 13288

Ion Ratio Lower Upper

43 100

61 13.5 10.6 16.0

70 10.7 8.3 12.5



#38

Carbon Tetrachloride

Concen: 4.721 ug/l

RT: 5.672 min Scan# 752

Delta R.T. 0.000 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

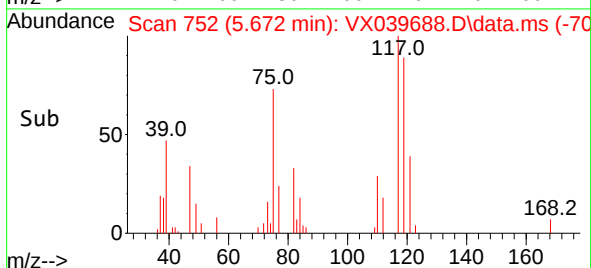
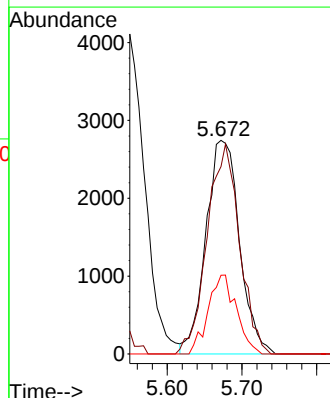
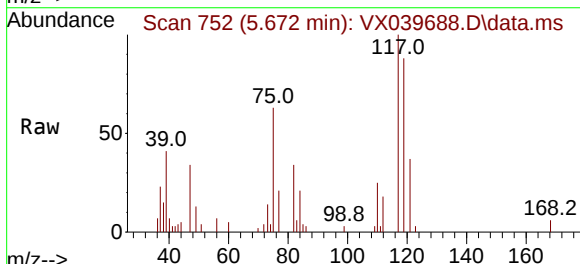
Tgt Ion: 117 Resp: 8559

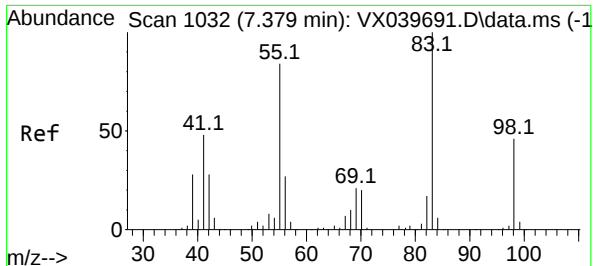
Ion Ratio Lower Upper

117 100

119 87.8 78.2 117.2

121 36.9 24.4 36.6#





#39

Methylcyclohexane

Concen: 4.958 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

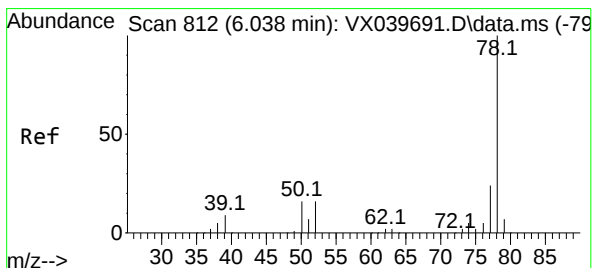
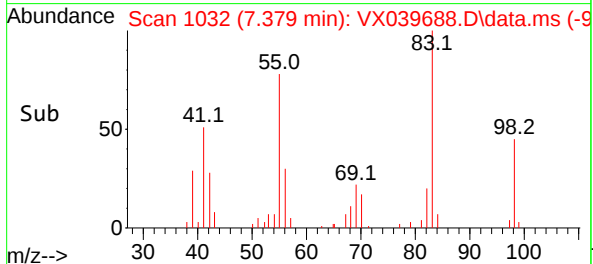
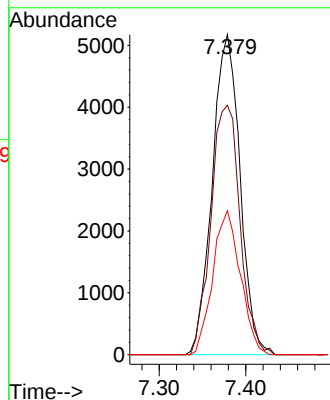
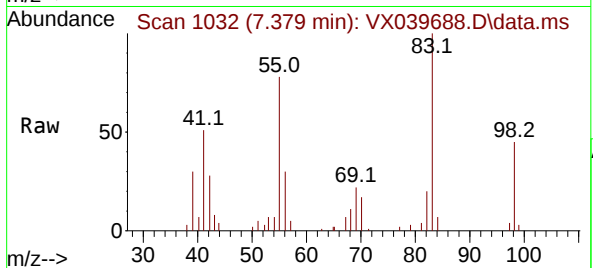
Tgt Ion: 83 Resp: 11509

Ion Ratio Lower Upper

83 100

55 77.9 64.6 97.0

98 45.0 36.7 55.1



#40

Benzene

Concen: 5.222 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX039688.D

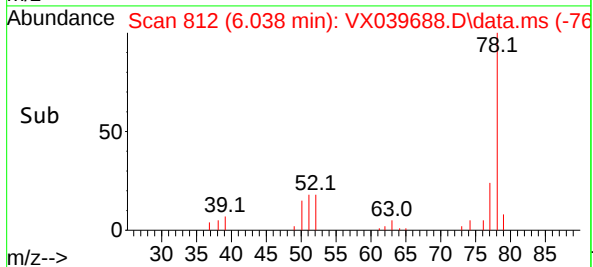
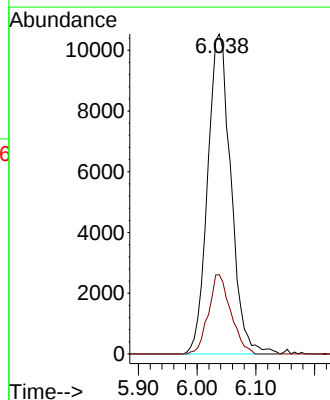
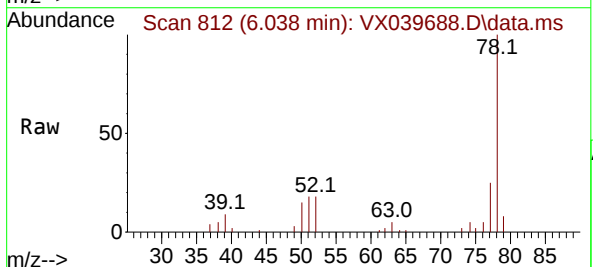
Acq: 09 Jan 2024 18:46

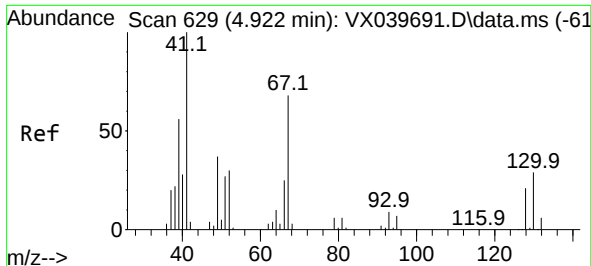
Tgt Ion: 78 Resp: 29023

Ion Ratio Lower Upper

78 100

77 24.8 19.3 28.9

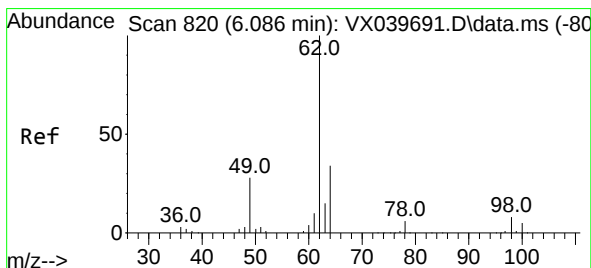
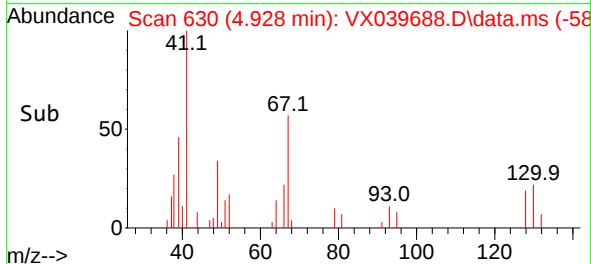
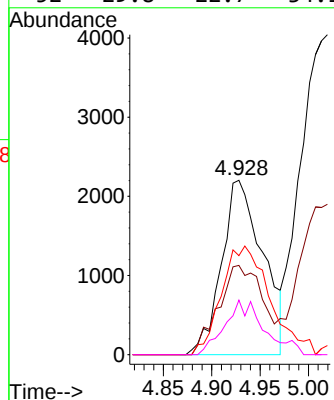
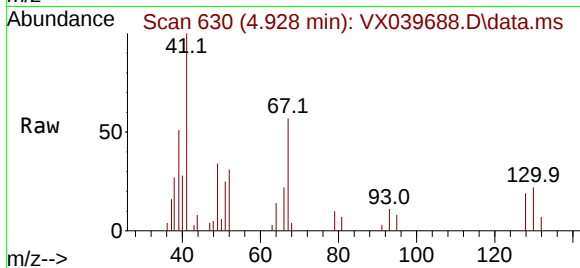




#41  
Methacrylonitrile  
Concen: 5.144 ug/l  
RT: 4.928 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

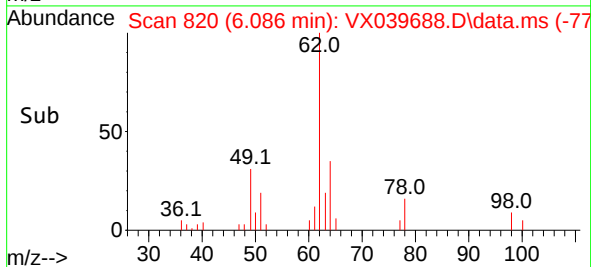
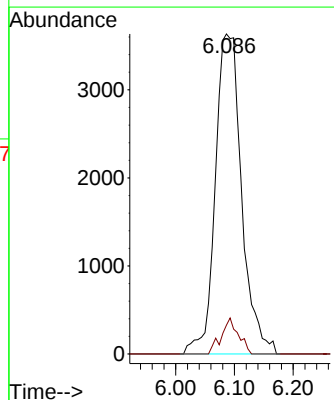
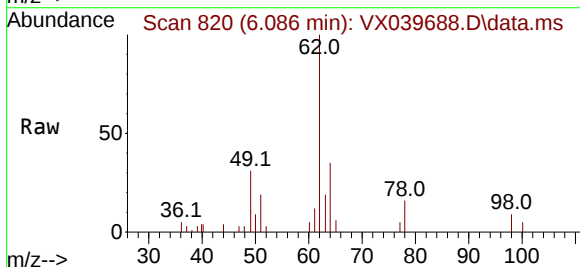
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

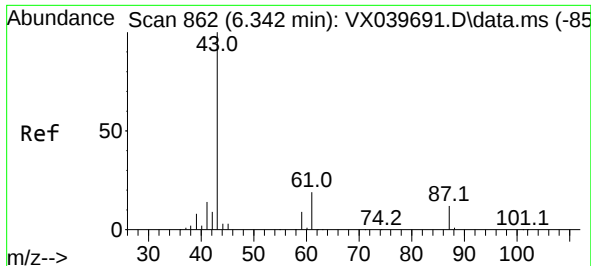
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 6539  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 54.3  | 45.2  | 67.8  |
| 67       | 73.4  | 52.6  | 78.8  |
| 52       | 29.8  | 22.7  | 34.1  |



#42  
1,2-Dichloroethane  
Concen: 5.266 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 11323 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 7.3   | 0.0   | 16.0  |





#43

Isopropyl Acetate

Concen: 5.098 ug/l

RT: 6.349 min Scan# 8

Delta R.T. 0.006 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC005

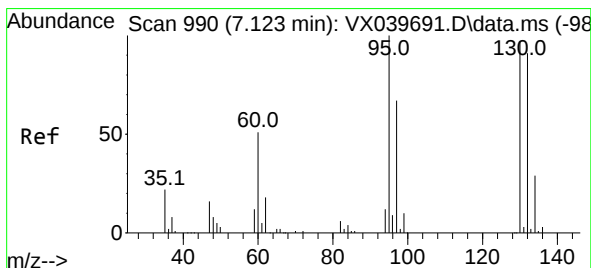
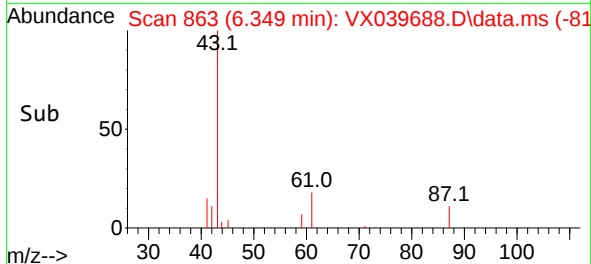
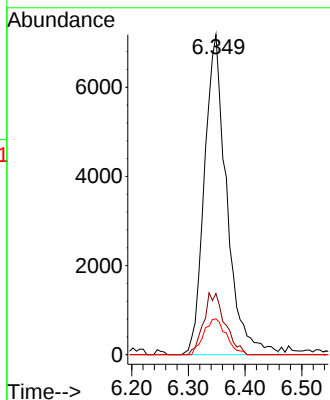
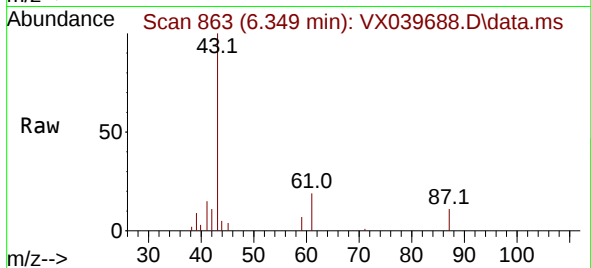
Tgt Ion: 43 Resp: 19609

Ion Ratio Lower Upper

43 100

61 18.5 15.2 22.8

87 11.3 9.8 14.6



#44

Trichloroethene

Concen: 4.651 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX039688.D

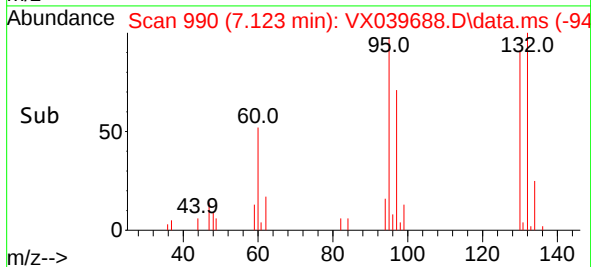
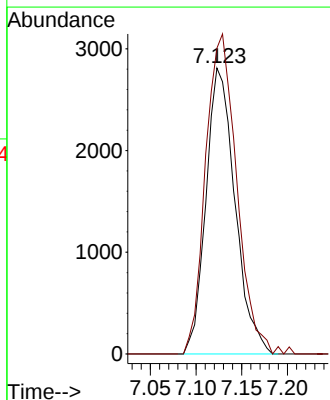
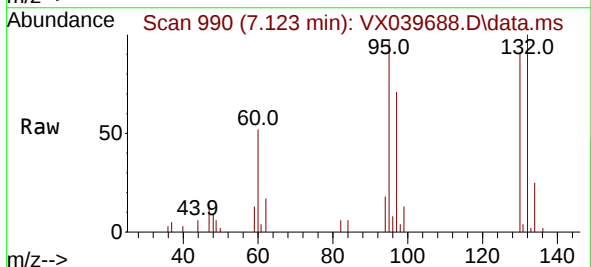
Acq: 09 Jan 2024 18:46

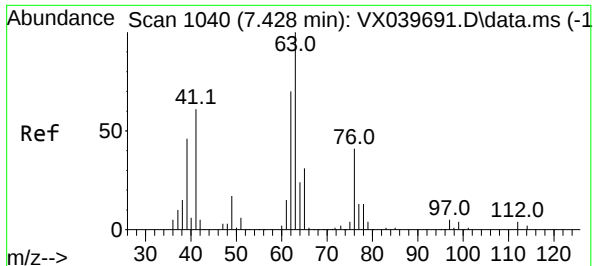
Tgt Ion:130 Resp: 6211

Ion Ratio Lower Upper

130 100

95 106.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 5.021 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

Instrument :

MSVOA\_X

ClientSampleId :

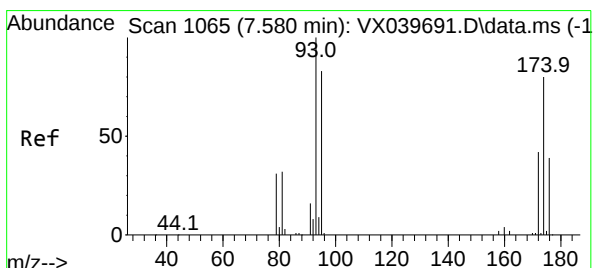
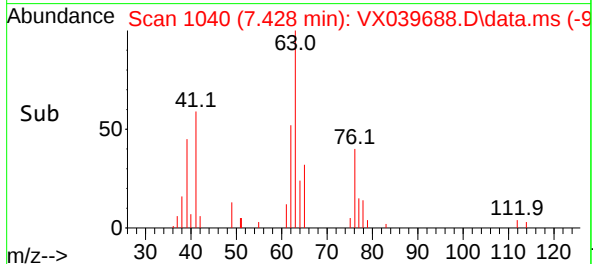
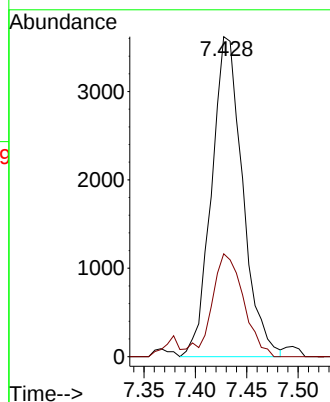
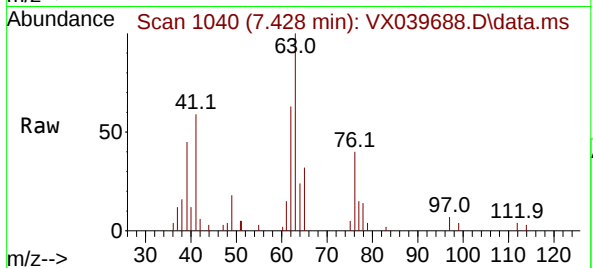
VSTDICC005

Tgt Ion: 63 Resp: 7612

Ion Ratio Lower Upper

63 100

65 32.2 24.3 36.5



#46

Dibromomethane

Concen: 5.125 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

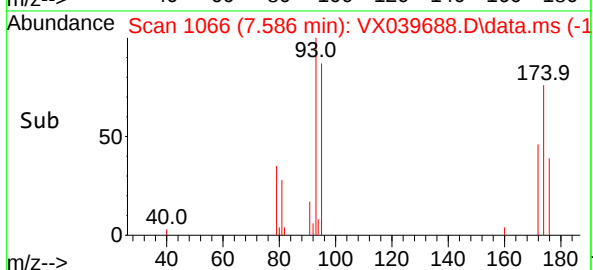
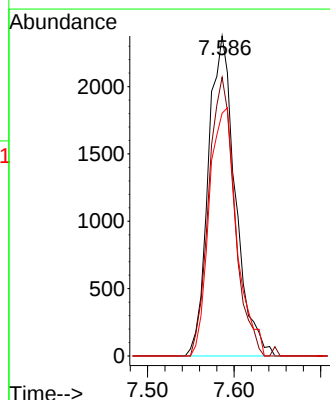
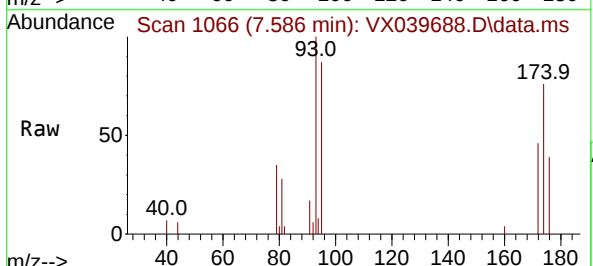
Tgt Ion: 93 Resp: 5151

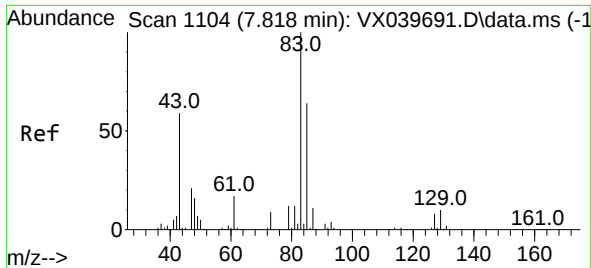
Ion Ratio Lower Upper

93 100

95 82.8 66.6 100.0

174 79.0 69.4 104.0

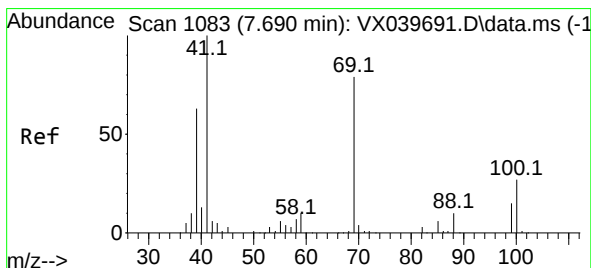
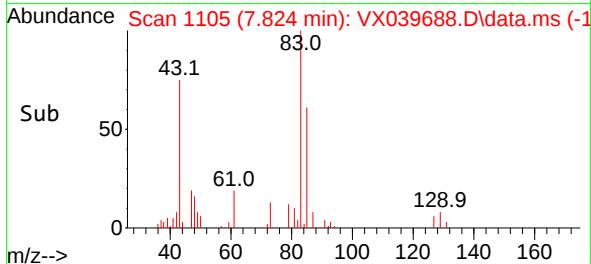
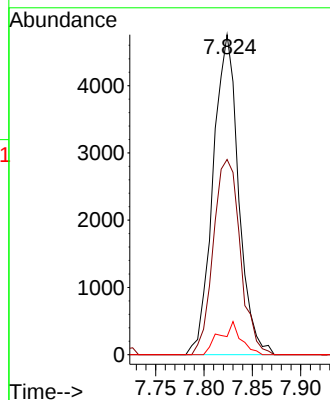
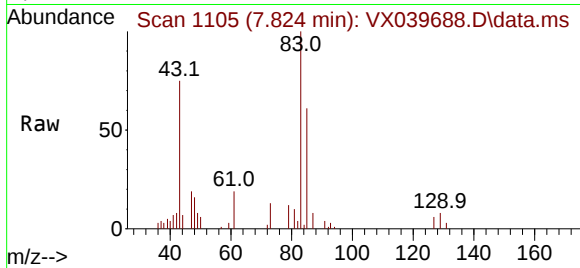




#47  
Bromodichloromethane  
Concen: 4.715 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.006 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

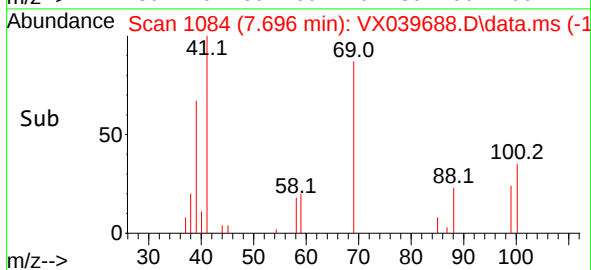
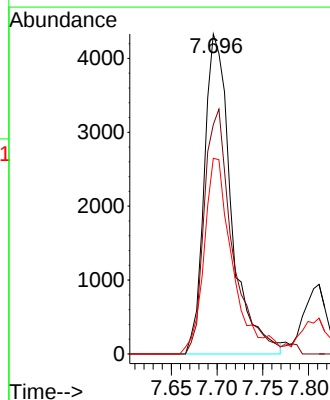
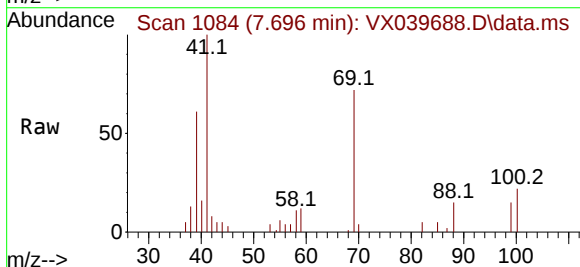
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

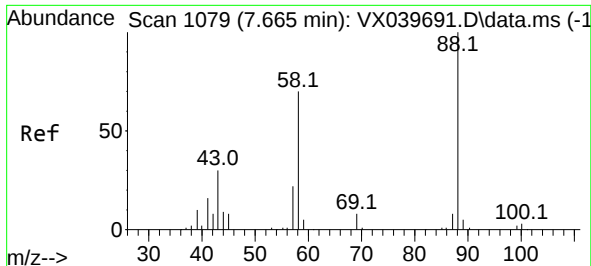
Tgt Ion: 83 Resp: 8737  
Ion Ratio Lower Upper  
83 100  
85 61.0 49.8 74.6  
127 5.7 7.1 10.7#



#48  
Methyl methacrylate  
Concen: 4.874 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.006 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

Tgt Ion: 41 Resp: 8870  
Ion Ratio Lower Upper  
41 100  
69 79.7 59.2 88.8  
39 64.9 47.7 71.5





#49

1,4-Dioxane

Concen: 104.624 ug/l

RT: 7.665 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC005

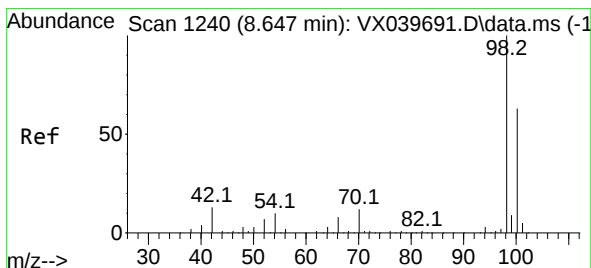
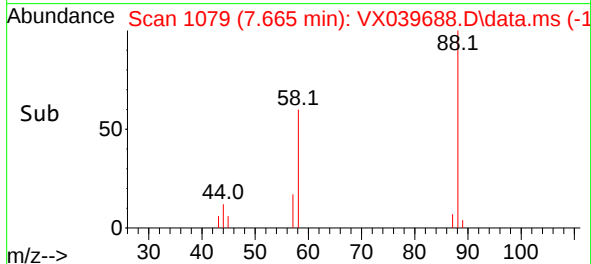
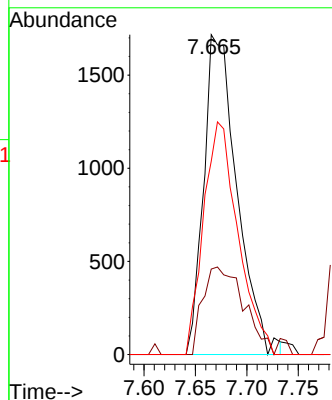
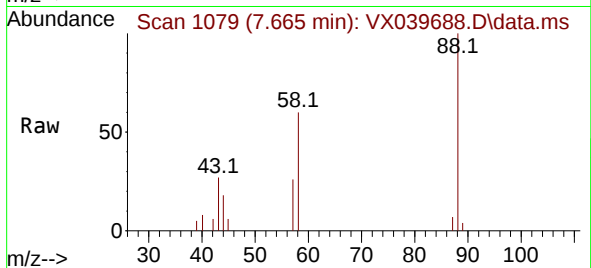
Tgt Ion: 88 Resp: 3873

Ion Ratio Lower Upper

88 100

43 33.8 0.0 0.0#

58 75.4 60.1 90.1



#50

Toluene-d8

Concen: 5.553 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX039688.D

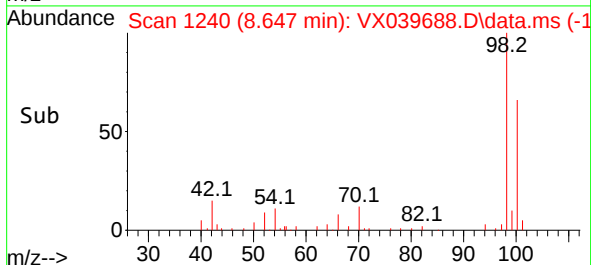
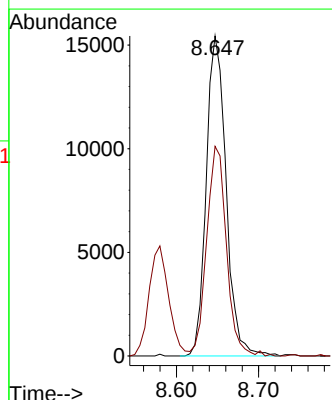
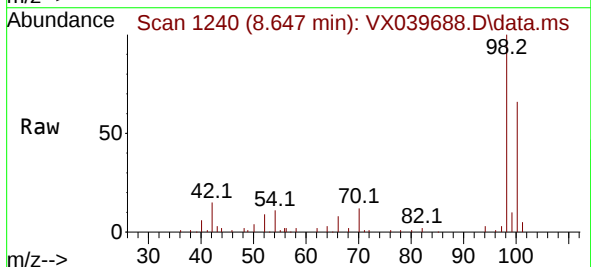
Acq: 09 Jan 2024 18:46

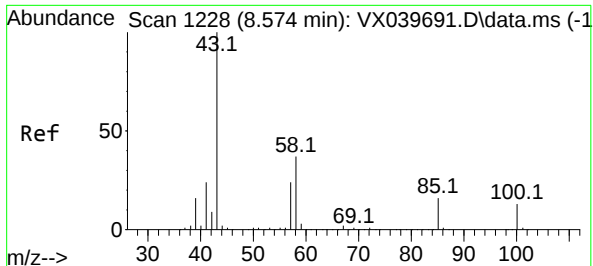
Tgt Ion: 98 Resp: 25891

Ion Ratio Lower Upper

98 100

100 65.2 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 26.593 ug/l

RT: 8.574 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

Instrument :

MSVOA\_X

ClientSampleId :

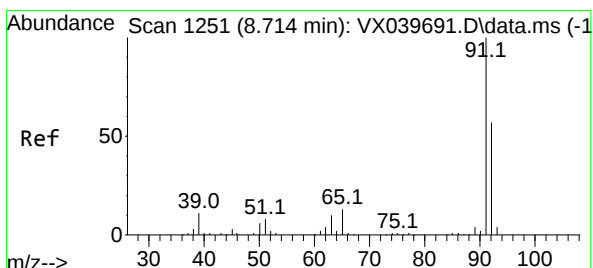
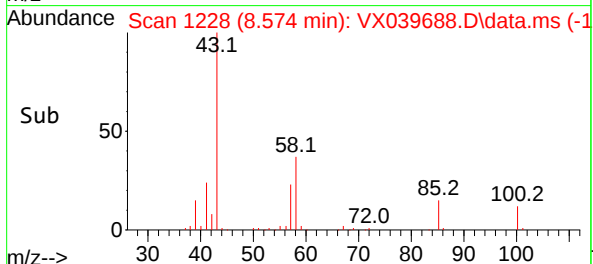
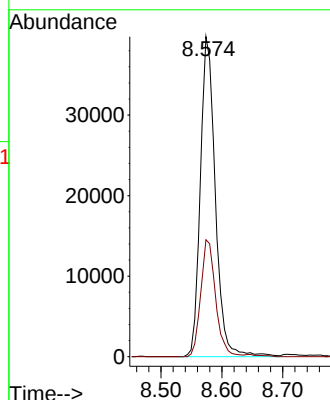
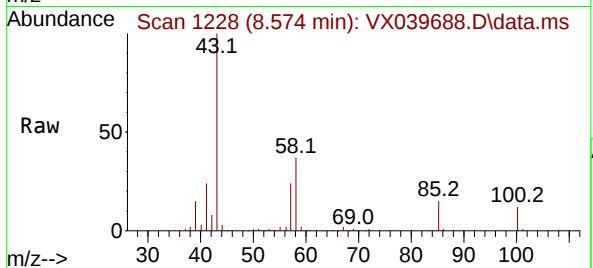
VSTDIC005

Tgt Ion: 43 Resp: 68083

Ion Ratio Lower Upper

43 100

58 36.2 30.4 45.6



#52

Toluene

Concen: 4.894 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX039688.D

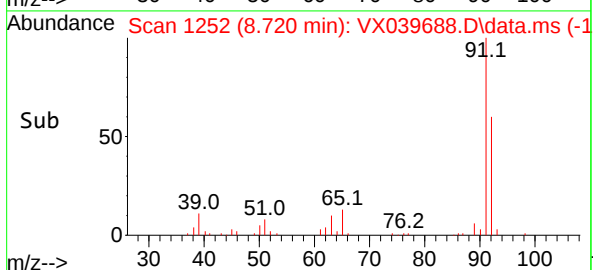
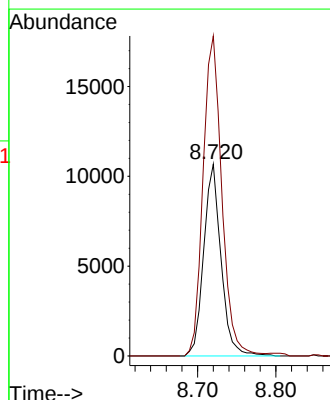
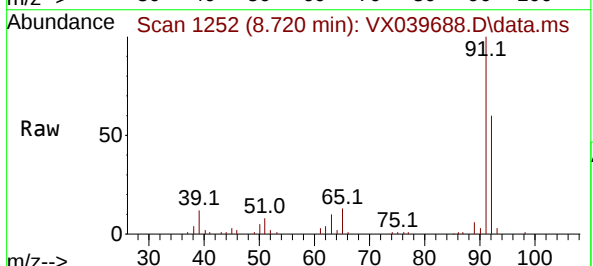
Acq: 09 Jan 2024 18:46

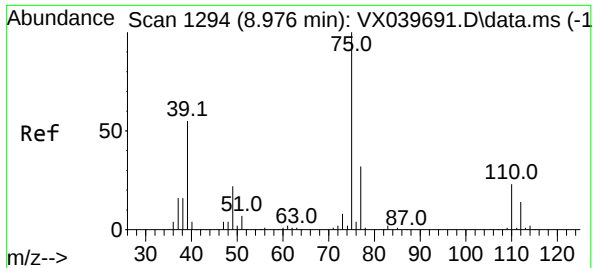
Tgt Ion: 92 Resp: 16402

Ion Ratio Lower Upper

92 100

91 180.7 134.2 201.2

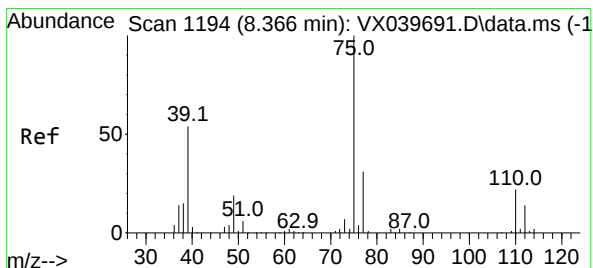
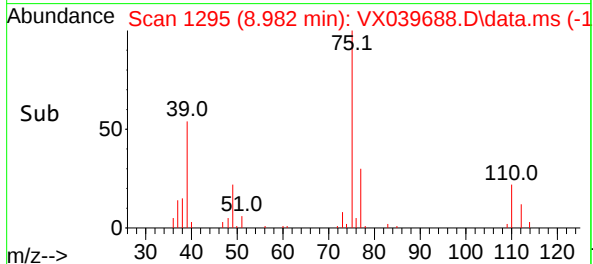
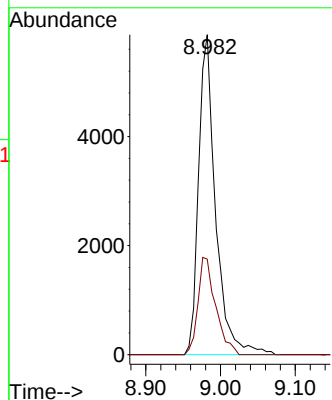
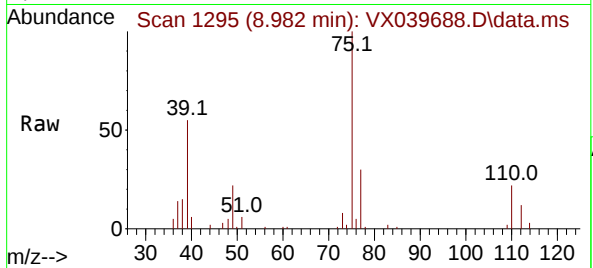




#53  
 t-1,3-Dichloropropene  
 Concen: 4.582 ug/l  
 RT: 8.982 min Scan# 1129  
 Delta R.T. 0.006 min  
 Lab File: VX039688.D  
 Acq: 09 Jan 2024 18:46

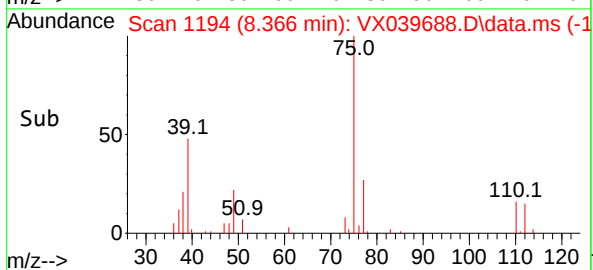
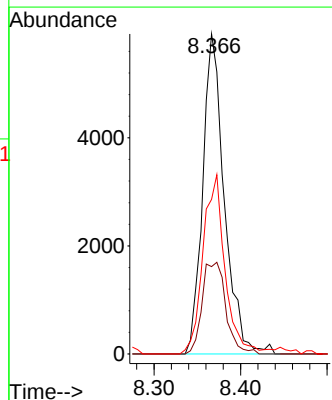
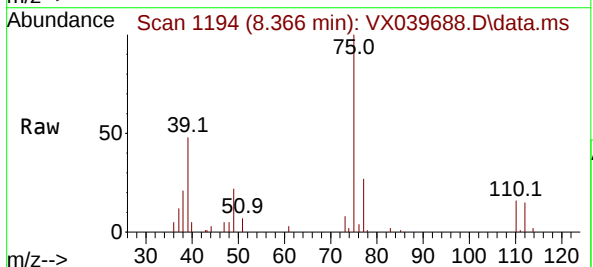
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

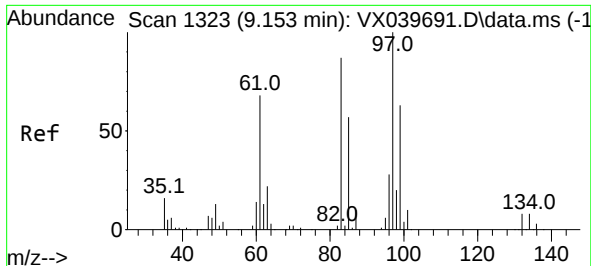
Tgt Ion: 75 Resp: 9250  
 Ion Ratio Lower Upper  
 75 100  
 77 29.9 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 4.688 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. -0.000 min  
 Lab File: VX039688.D  
 Acq: 09 Jan 2024 18:46

Tgt Ion: 75 Resp: 10273  
 Ion Ratio Lower Upper  
 75 100  
 77 27.3 25.3 37.9  
 39 48.3 46.7 70.1

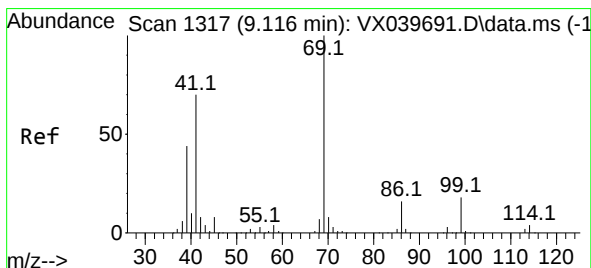
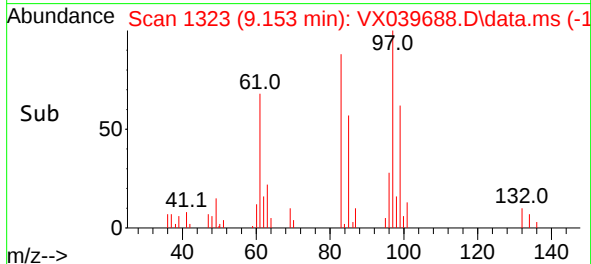
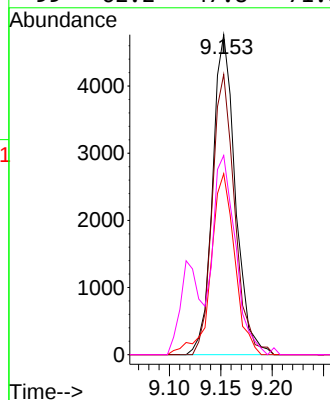
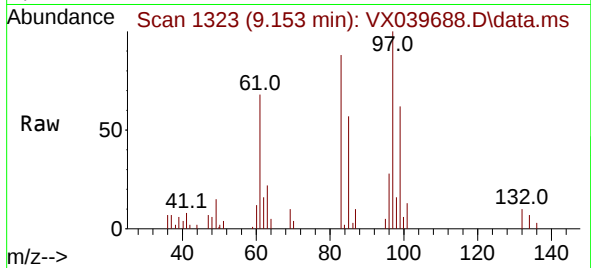




#55  
1,1,2-Trichloroethane  
Concen: 5.223 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

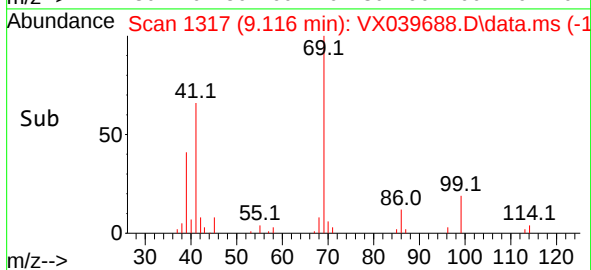
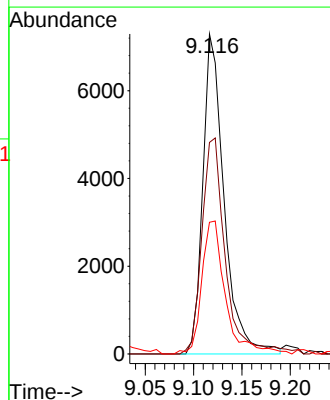
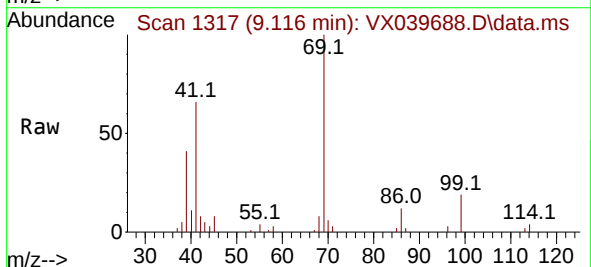
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

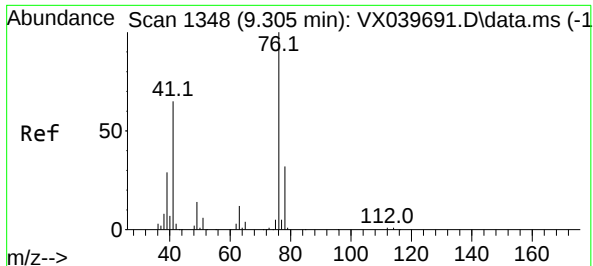
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 7314  |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 87.6     | 65.8 98.8   |
| 85 56.6     | 41.6 62.4   |
| 99 62.2     | 47.8 71.8   |



#56  
Ethyl methacrylate  
Concen: 4.952 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 11173 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 74.4     | 56.8 85.2   |
| 39 46.2     | 32.0 48.0   |





#57

1,3-Dichloropropane

Concen: 5.279 ug/l

RT: 9.305 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

Instrument :

MSVOA\_X

ClientSampleId :

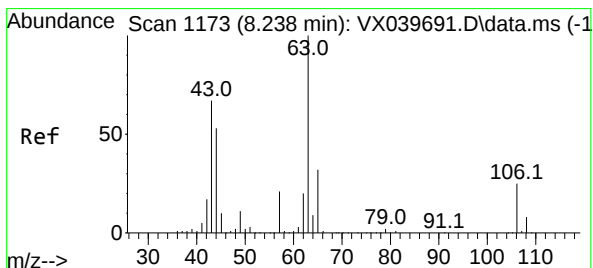
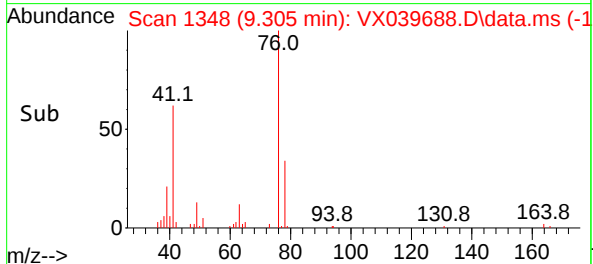
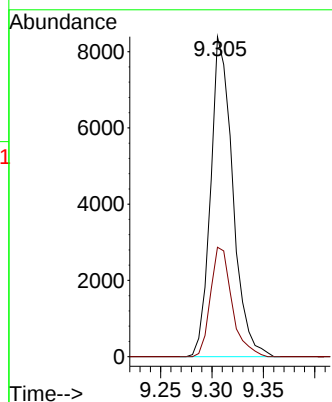
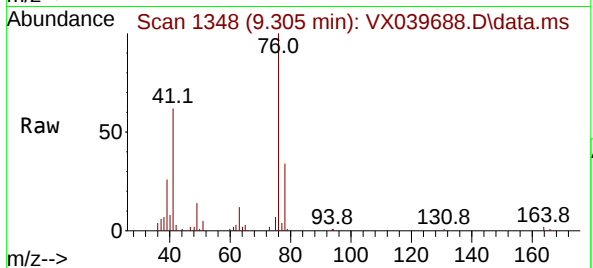
VSTDICC005

Tgt Ion: 76 Resp: 12543

Ion Ratio Lower Upper

76 100

78 33.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 26.025 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX039688.D

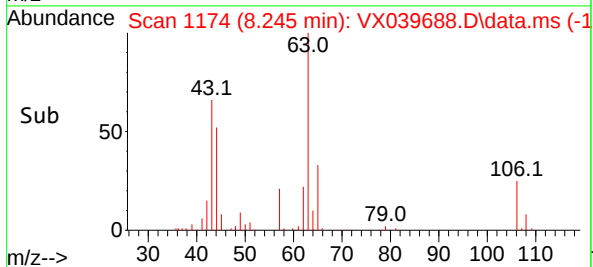
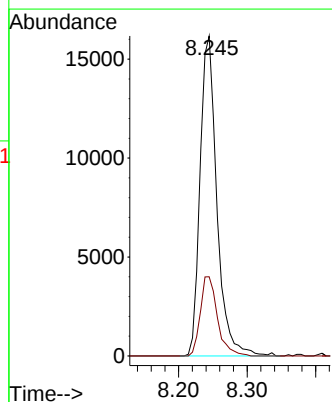
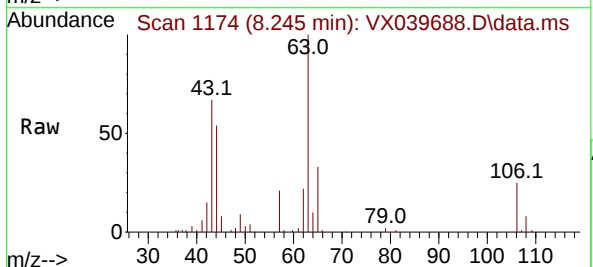
Acq: 09 Jan 2024 18:46

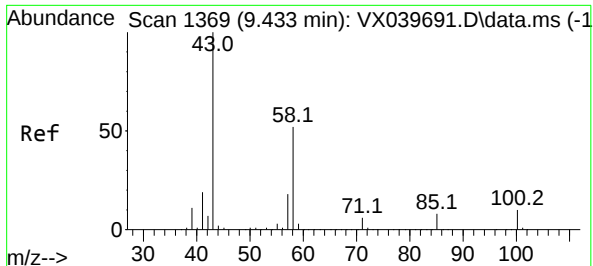
Tgt Ion: 63 Resp: 27675

Ion Ratio Lower Upper

63 100

106 25.2 22.5 33.7





#59

2-Hexanone

Concen: 25.927 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

Instrument :

MSVOA\_X

ClientSampleId :

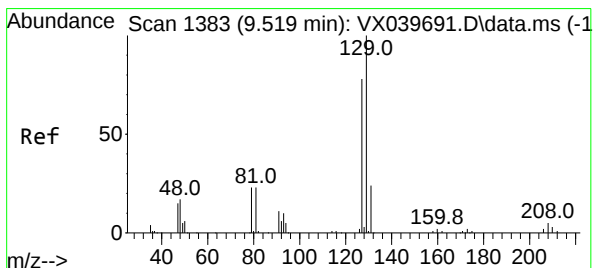
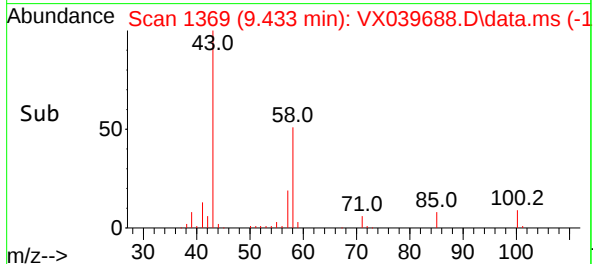
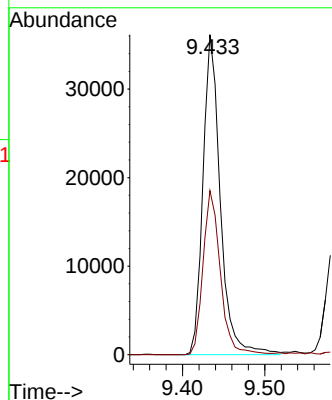
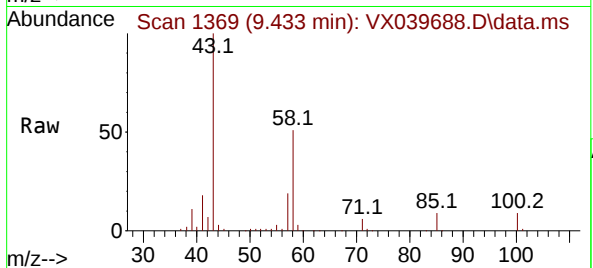
VSTDICC005

Tgt Ion: 43 Resp: 52933

Ion Ratio Lower Upper

43 100

58 51.1 26.2 78.5



#60

Dibromochloromethane

Concen: 4.680 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX039688.D

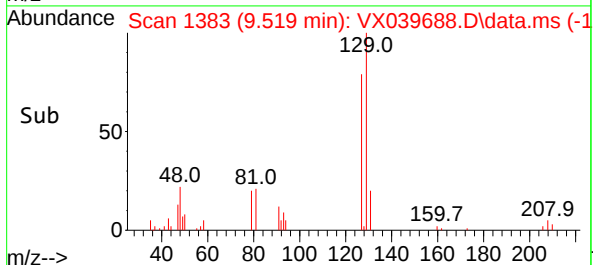
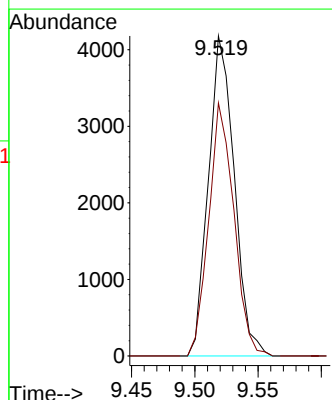
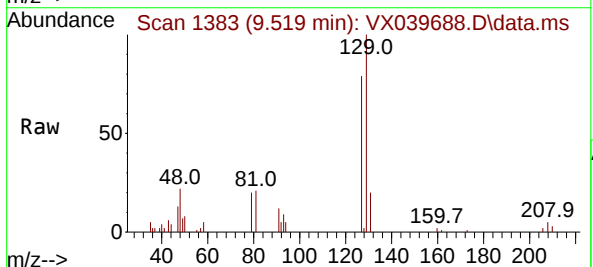
Acq: 09 Jan 2024 18:46

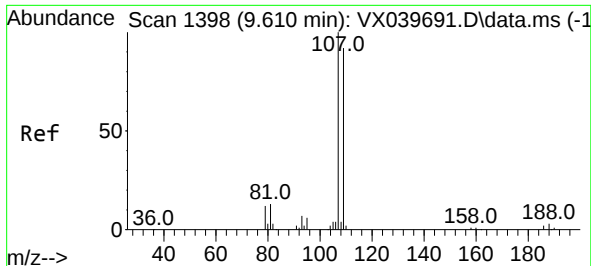
Tgt Ion:129 Resp: 5942

Ion Ratio Lower Upper

129 100

127 77.1 38.8 116.4

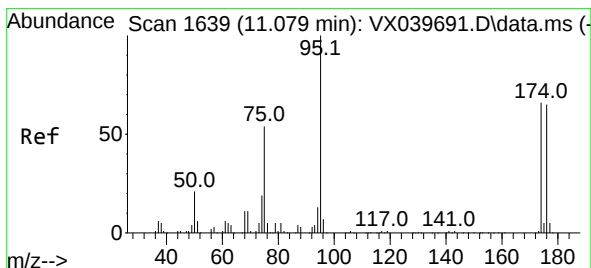
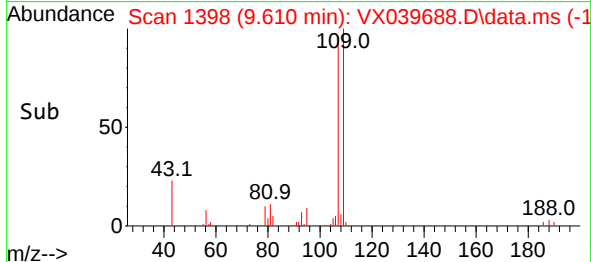
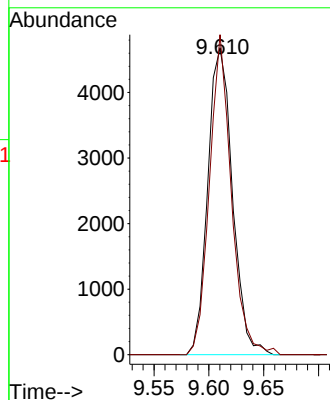
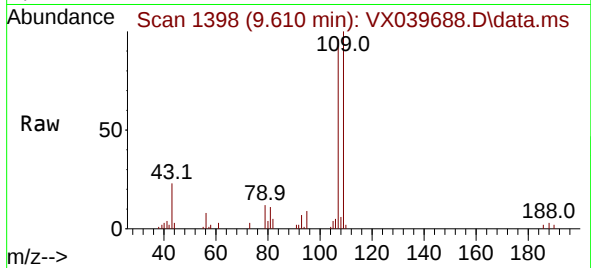




#61  
1,2-Dibromoethane  
Concen: 5.070 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

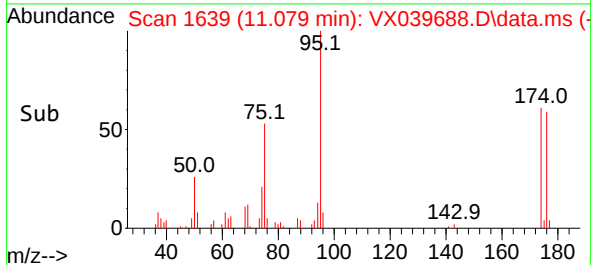
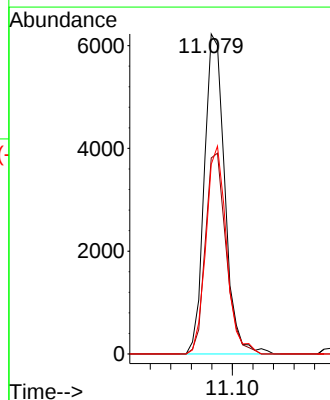
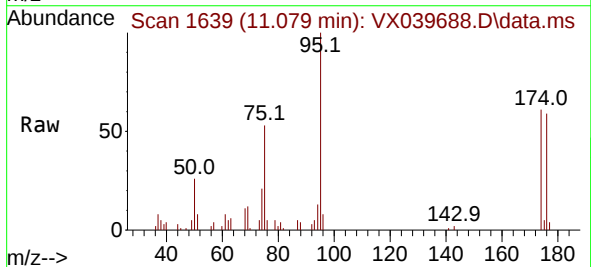
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

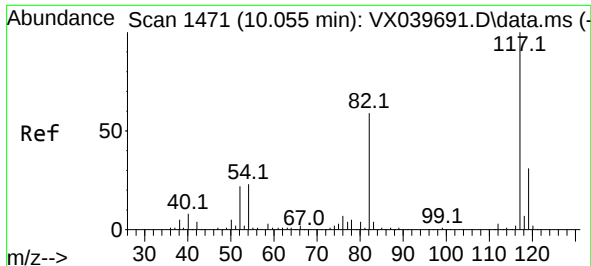
Tgt Ion:107 Resp: 7332  
Ion Ratio Lower Upper  
107 100  
109 92.3 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 4.940 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

Tgt Ion: 95 Resp: 8626  
Ion Ratio Lower Upper  
95 100  
174 63.9 0.0 135.6  
176 65.2 0.0 131.0

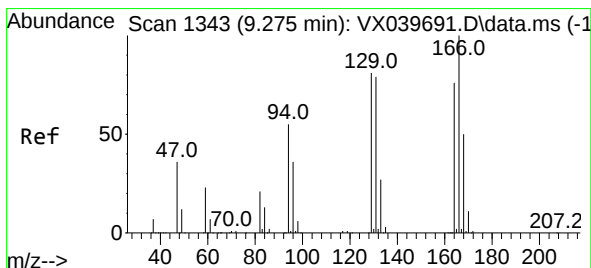
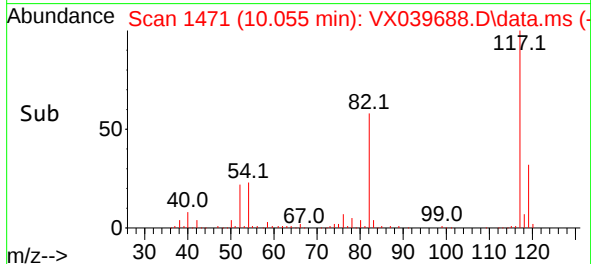
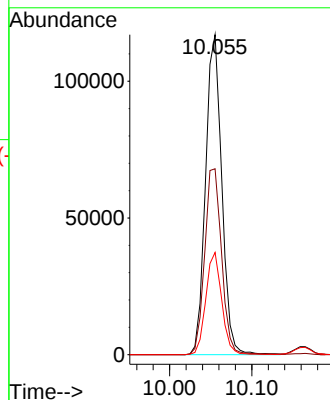
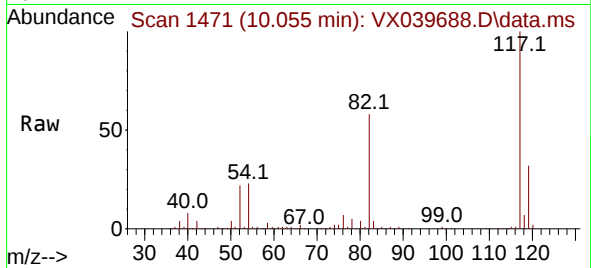




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

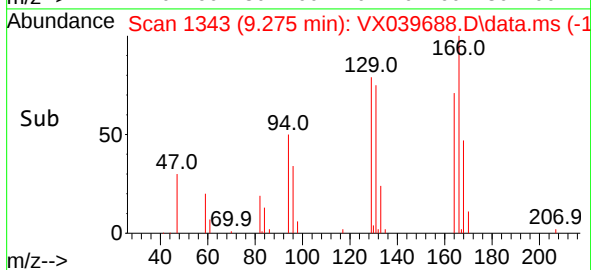
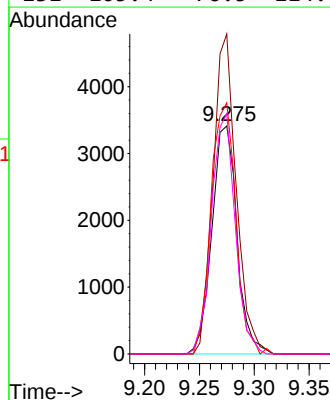
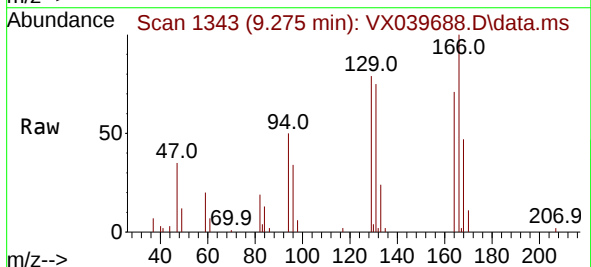
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

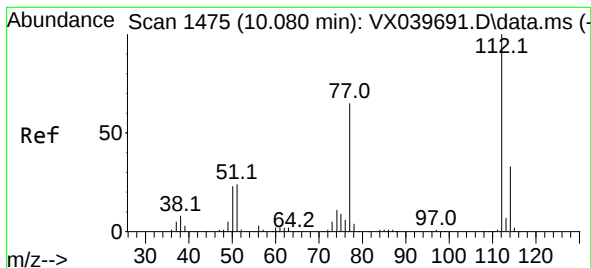
Tgt Ion:117 Resp: 160556  
Ion Ratio Lower Upper  
117 100  
82 58.1 46.2 69.4  
119 31.9 25.5 38.3



#64  
Tetrachloroethene  
Concen: 5.345 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

Tgt Ion:164 Resp: 5419  
Ion Ratio Lower Upper  
164 100  
166 140.4 102.7 154.1  
129 110.2 80.4 120.6  
131 105.4 76.5 114.7





#65

Chlorobenzene

Concen: 5.196 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

Instrument :

MSVOA\_X

ClientSampleId :

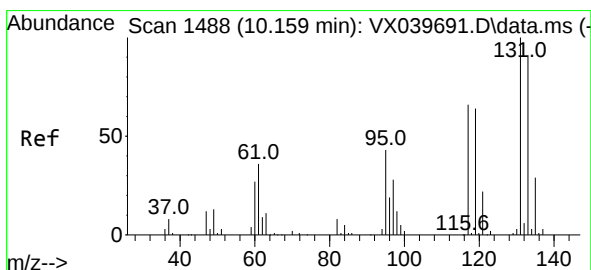
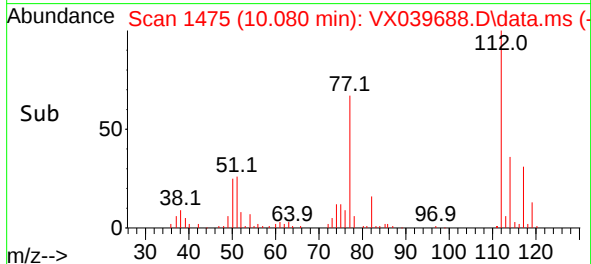
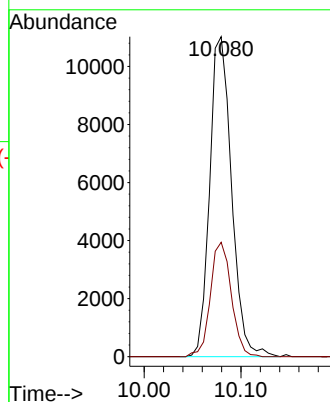
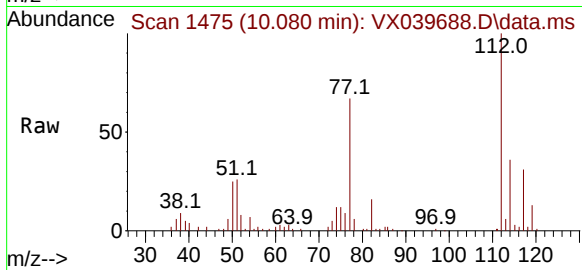
VSTDICC005

Tgt Ion:112 Resp: 17318

Ion Ratio Lower Upper

112 100

114 35.7 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 4.910 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.006 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

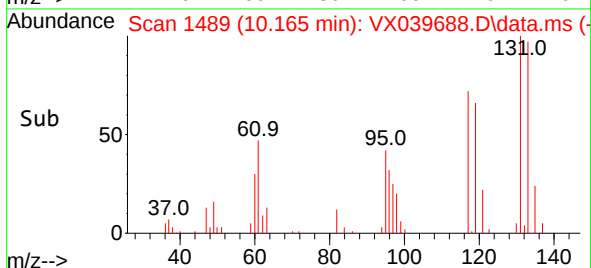
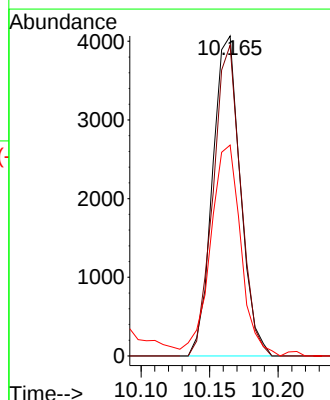
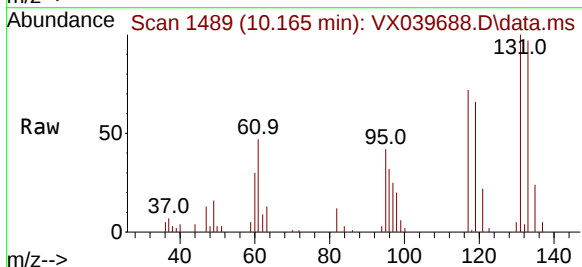
Tgt Ion:131 Resp: 5731

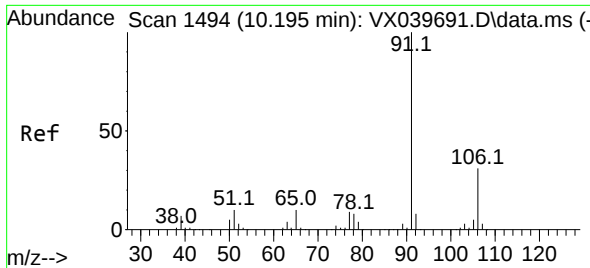
Ion Ratio Lower Upper

131 100

133 95.9 47.1 141.4

119 71.8 32.2 96.6

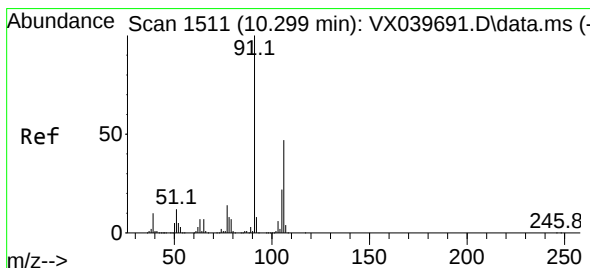
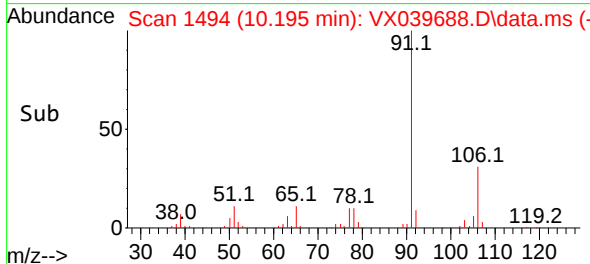
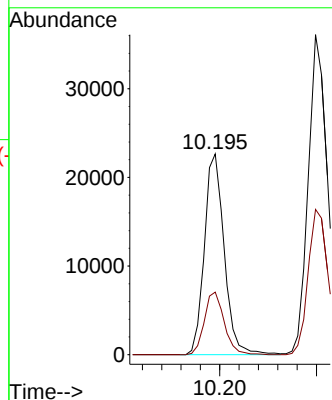
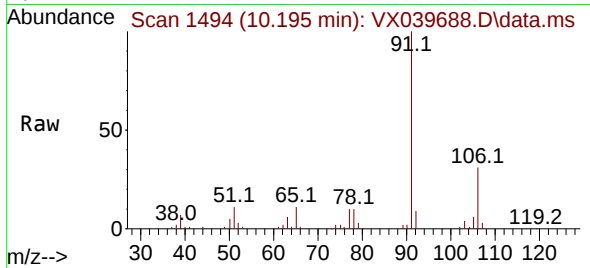




#67  
Ethyl Benzene  
Concen: 5.243 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

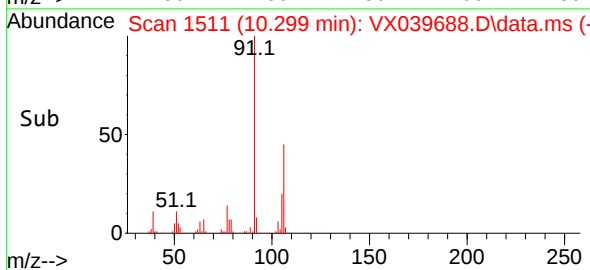
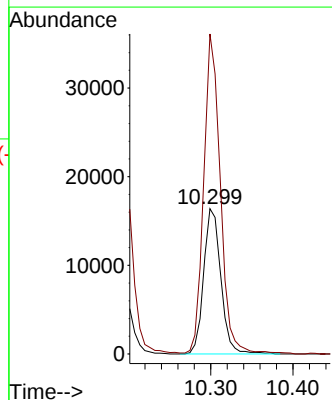
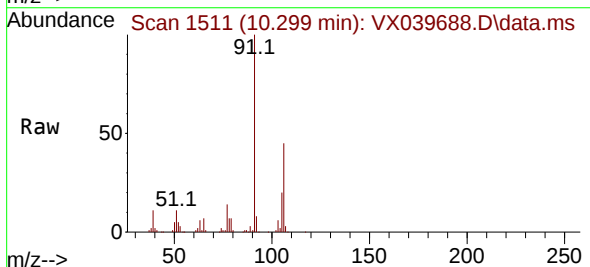
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

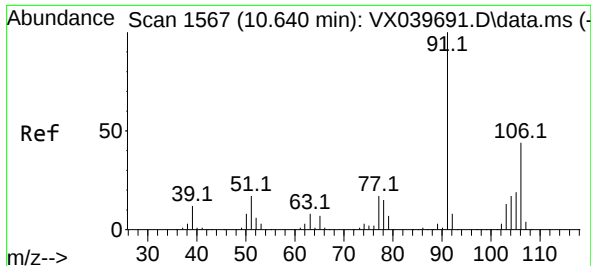
Tgt Ion: 91 Resp: 32387  
Ion Ratio Lower Upper  
91 100  
106 31.1 24.9 37.3



#68  
m/p-Xylenes  
Concen: 10.466 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

Tgt Ion: 106 Resp: 23825  
Ion Ratio Lower Upper  
106 100  
91 214.1 165.5 248.3





#69

o-Xylene

Concen: 5.385 ug/l

RT: 10.640 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

Instrument :

MSVOA\_X

ClientSampleId :

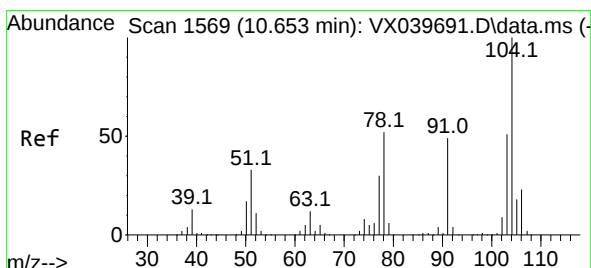
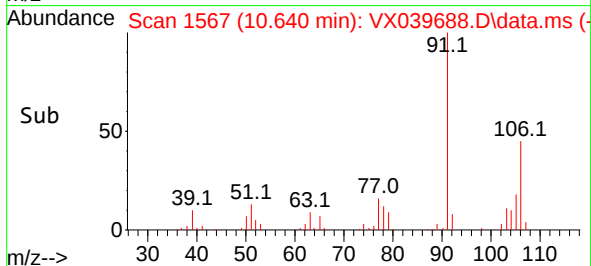
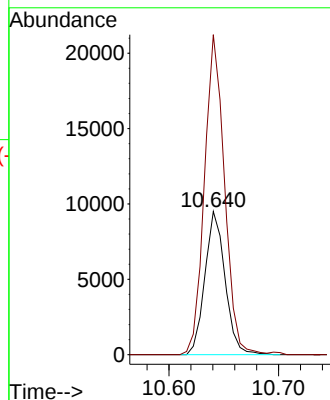
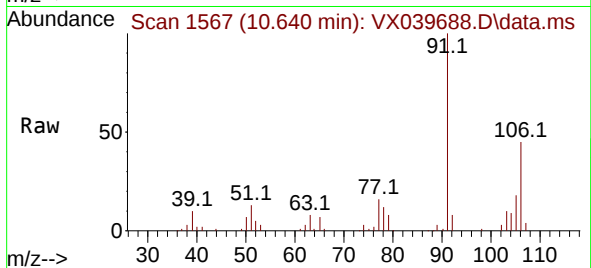
VSTDIC005

Tgt Ion:106 Resp: 12164

Ion Ratio Lower Upper

106 100

91 222.6 108.9 326.8



#70

Styrene

Concen: 5.147 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

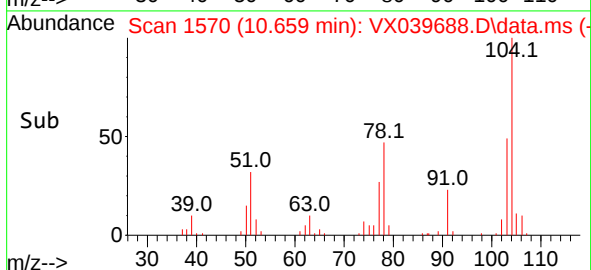
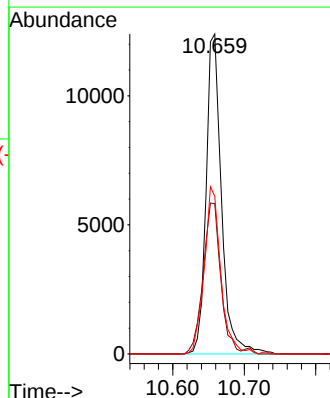
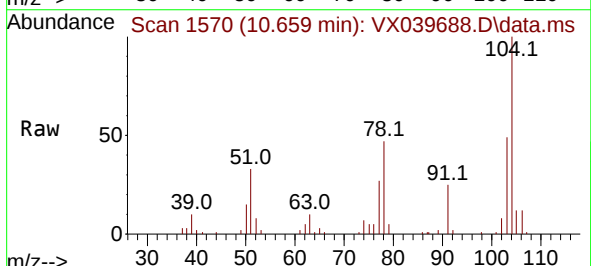
Tgt Ion:104 Resp: 18561

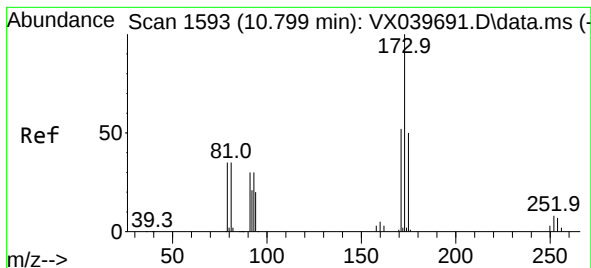
Ion Ratio Lower Upper

104 100

78 53.8 43.6 65.4

103 56.2 43.6 65.4





#71

Bromoform

Concen: 4.002 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

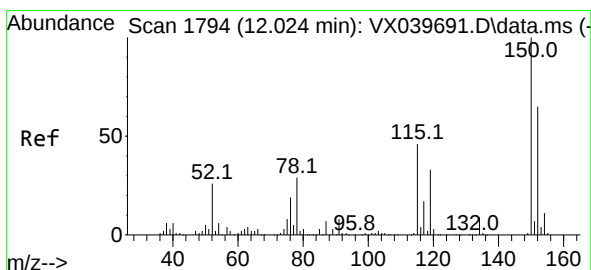
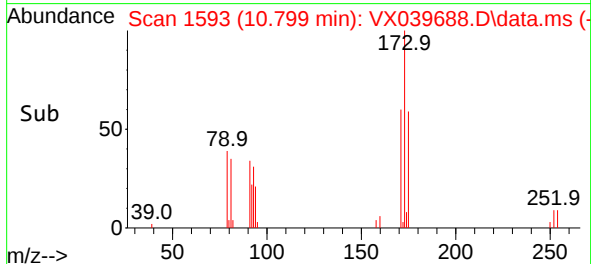
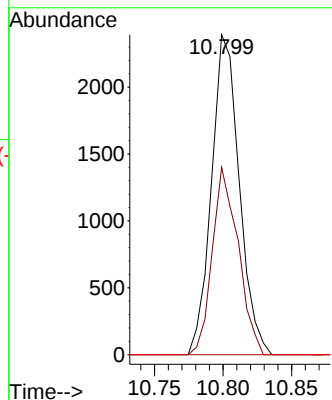
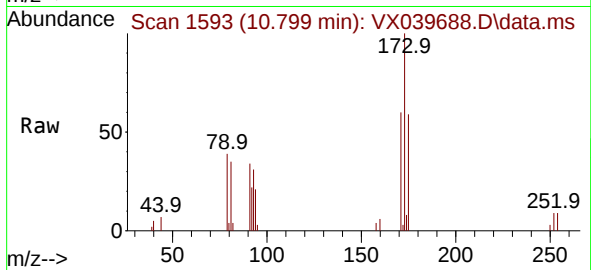
Tgt Ion:173 Resp: 3368

Ion Ratio Lower Upper

173 100

175 54.6 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

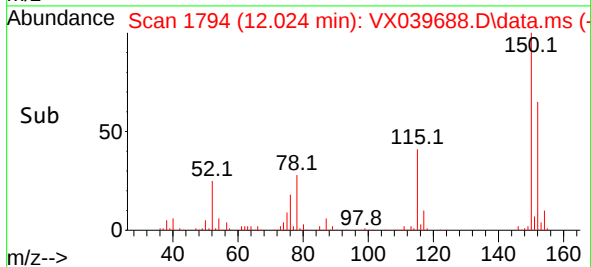
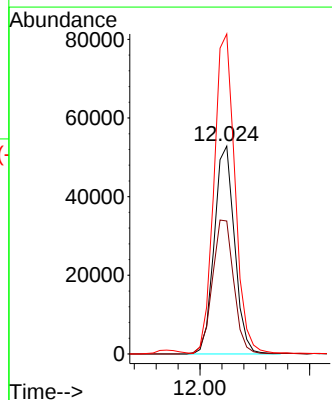
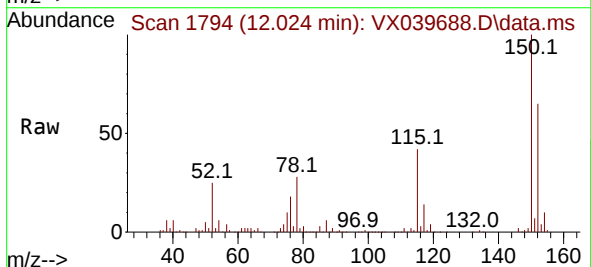
Tgt Ion:152 Resp: 68153

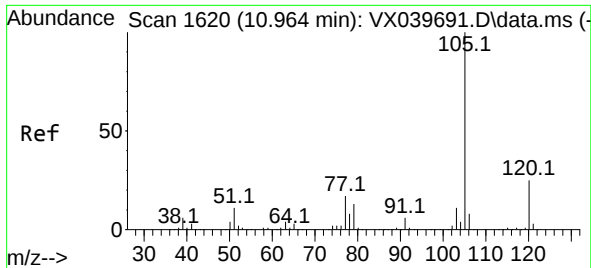
Ion Ratio Lower Upper

152 100

115 67.6 43.3 129.9

150 159.5 0.0 345.0

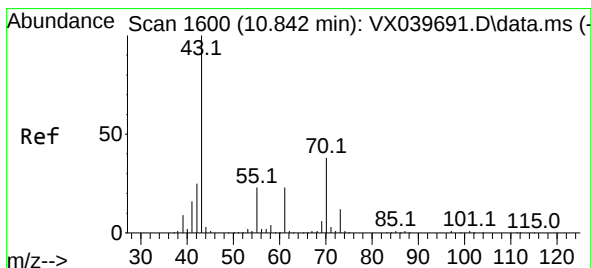
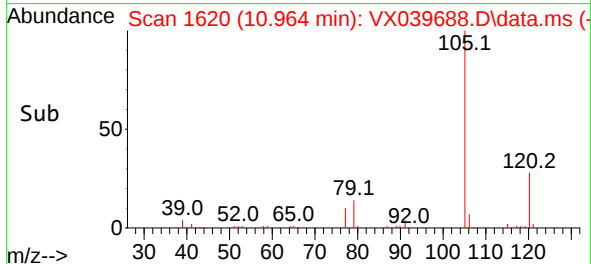
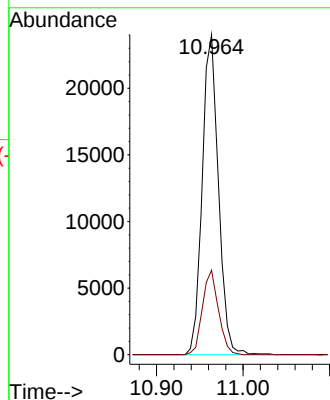
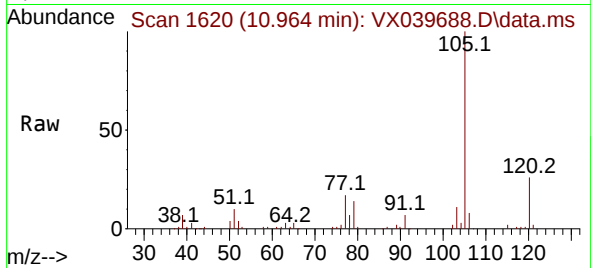




#73  
Isopropylbenzene  
Concen: 5.523 ug/l  
RT: 10.964 min Scan# 1601  
Delta R.T. 0.000 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

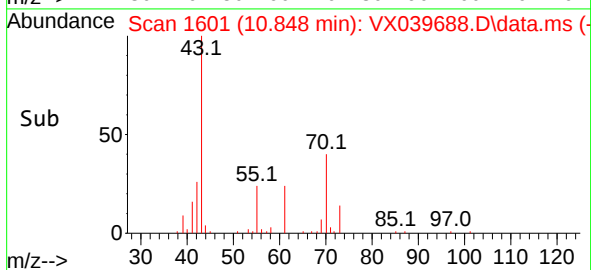
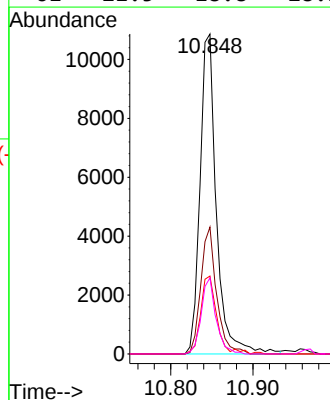
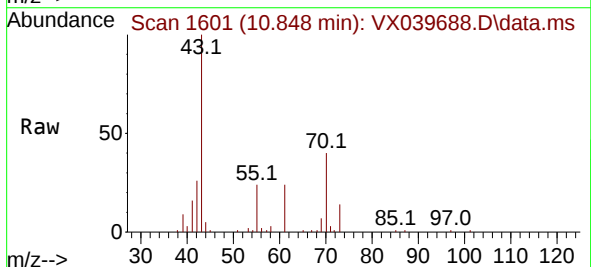
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

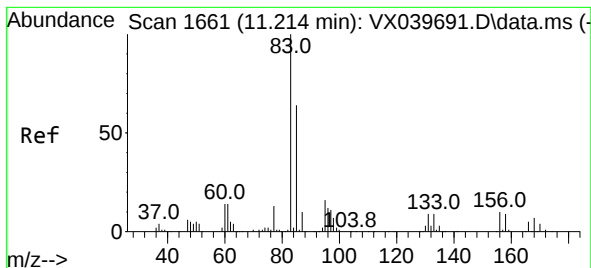
Tgt Ion:105 Resp: 31209  
Ion Ratio Lower Upper  
105 100  
120 26.0 12.9 38.6



#74  
N-ethyl acetate  
Concen: 4.998 ug/l  
RT: 10.848 min Scan# 1601  
Delta R.T. 0.006 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

Tgt Ion: 43 Resp: 15043  
Ion Ratio Lower Upper  
43 100  
70 38.3 32.9 49.3  
55 24.1 19.3 28.9  
61 21.5 18.8 28.2

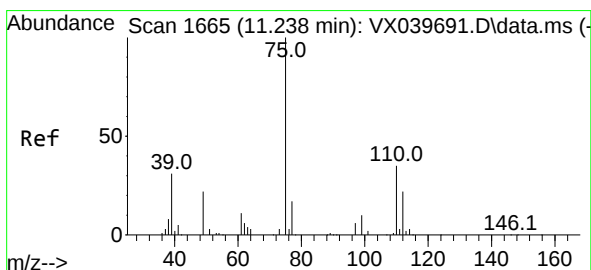
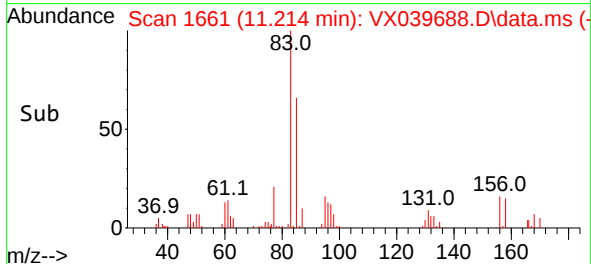
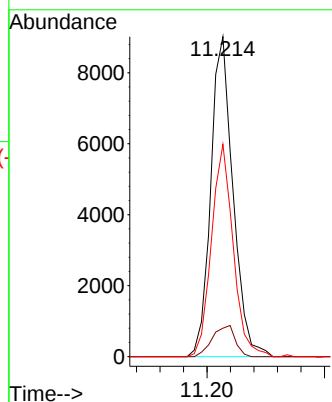
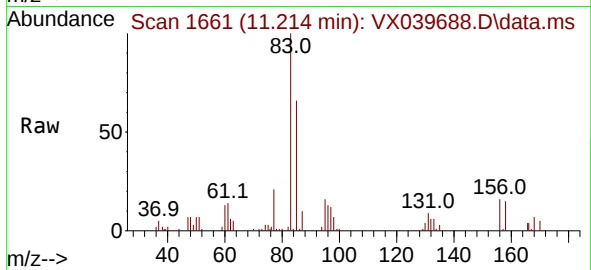




#75  
1,1,2,2-Tetrachloroethane  
Concen: 5.414 ug/l  
RT: 11.214 min Scan# 1661  
Delta R.T. -0.000 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

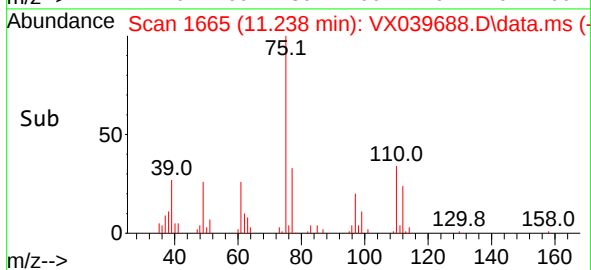
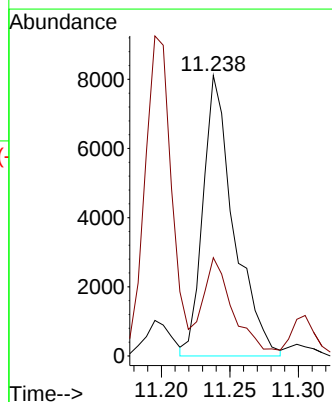
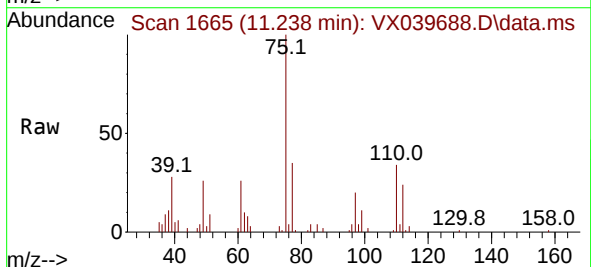
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

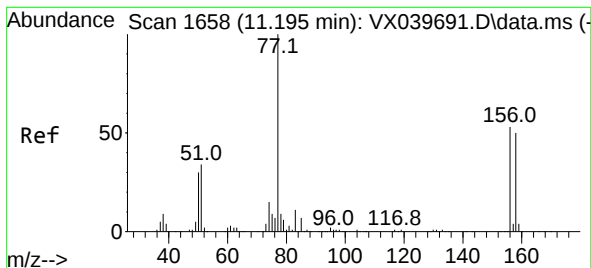
Tgt Ion: 83 Resp: 11852  
Ion Ratio Lower Upper  
83 100  
131 10.0 5.3 15.8  
85 64.7 32.0 96.2



#76  
1,2,3-Trichloropropane  
Concen: 6.895 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

Tgt Ion: 75 Resp: 12685  
Ion Ratio Lower Upper  
75 100  
77 35.5 19.1 57.5





#77

Bromobenzene

Concen: 5.184 ug/l

RT: 11.201 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

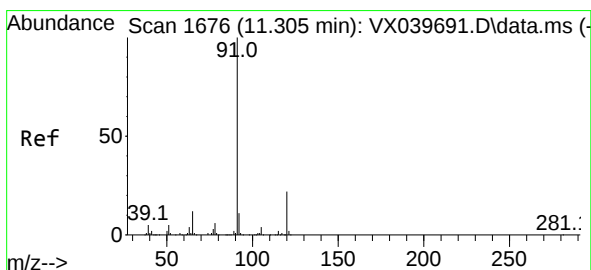
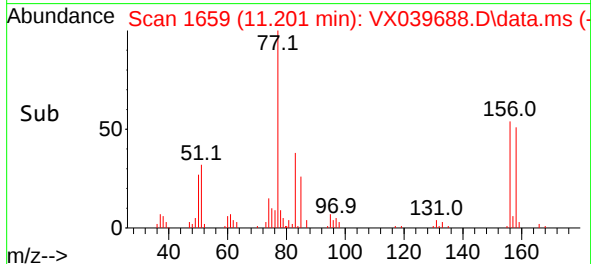
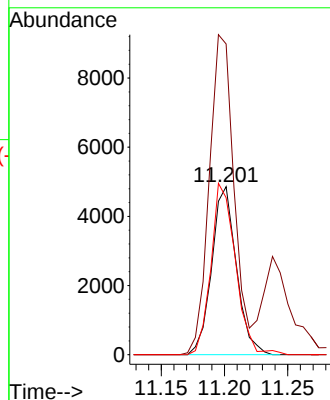
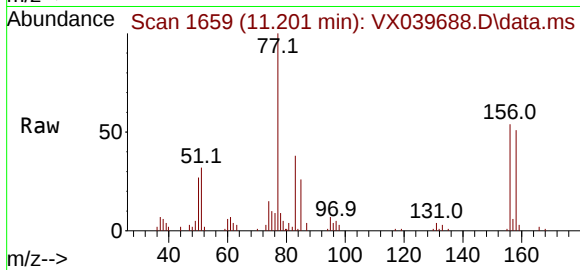
Tgt Ion:156 Resp: 6581

Ion Ratio Lower Upper

156 100

77 190.5 88.4 265.3

158 101.5 48.0 144.0



#78

n-propylbenzene

Concen: 5.078 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039688.D

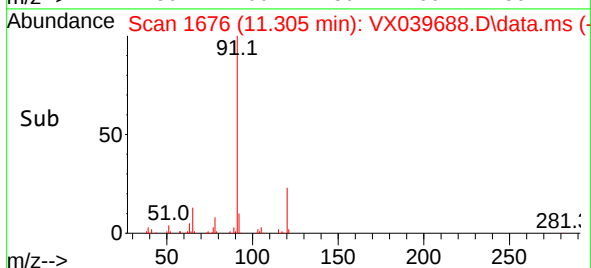
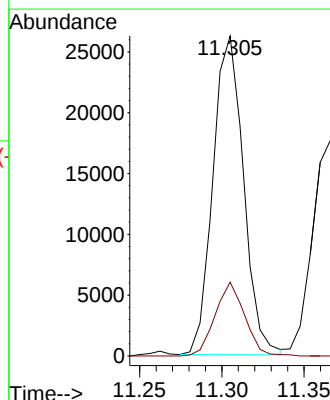
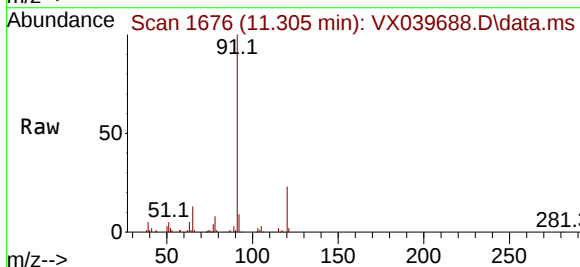
Acq: 09 Jan 2024 18:46

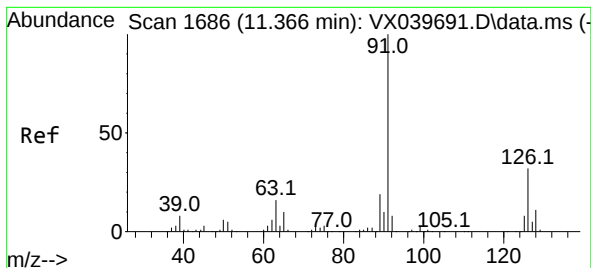
Tgt Ion: 91 Resp: 33887

Ion Ratio Lower Upper

91 100

120 22.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 5.579 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

Instrument :

MSVOA\_X

ClientSampleId :

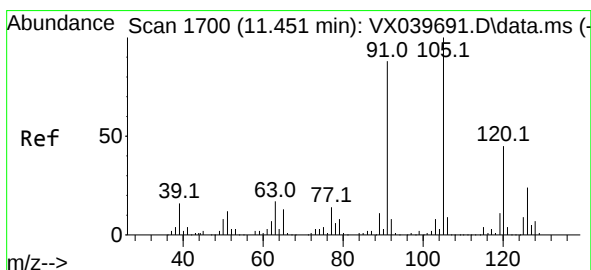
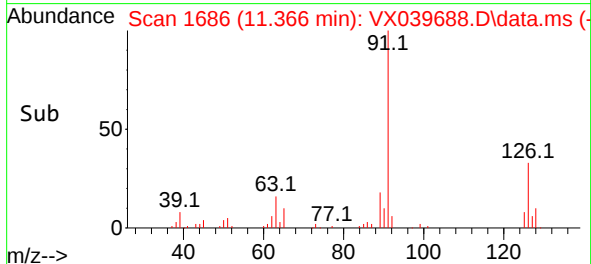
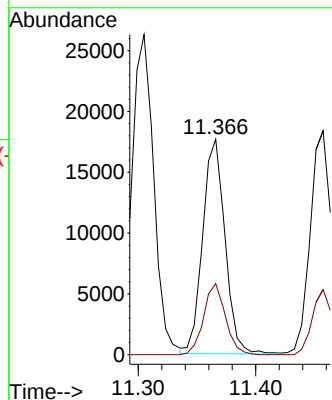
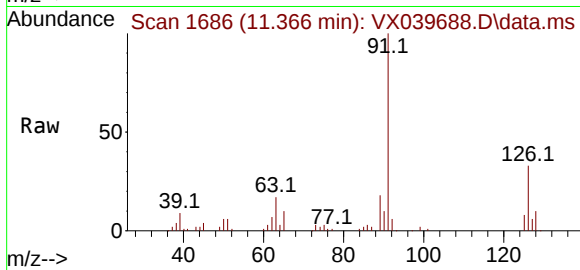
VSTDIC005

Tgt Ion: 91 Resp: 23321

Ion Ratio Lower Upper

91 100

126 32.3 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 5.205 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039688.D

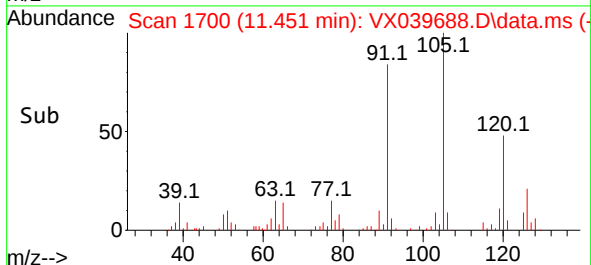
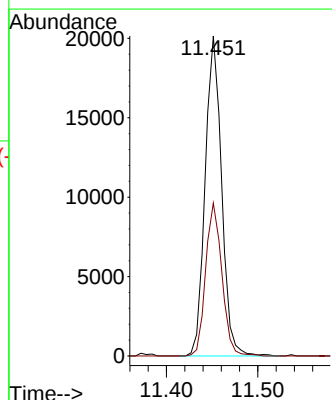
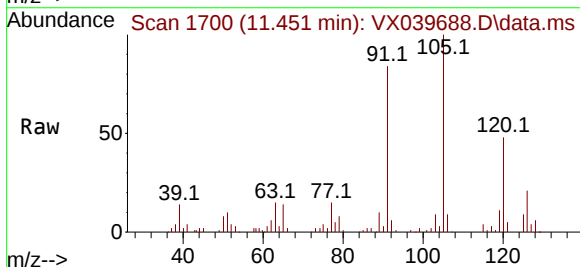
Acq: 09 Jan 2024 18:46

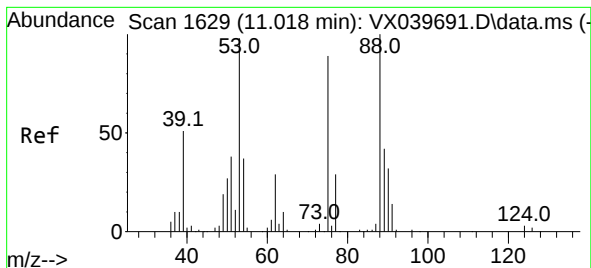
Tgt Ion: 105 Resp: 25116

Ion Ratio Lower Upper

105 100

120 47.1 24.1 72.3

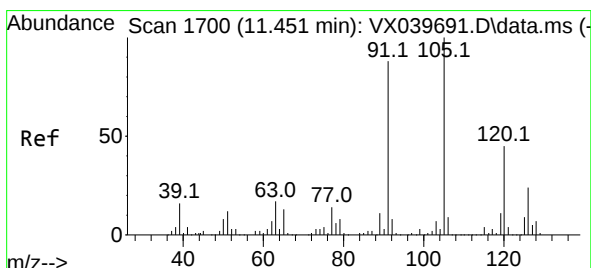
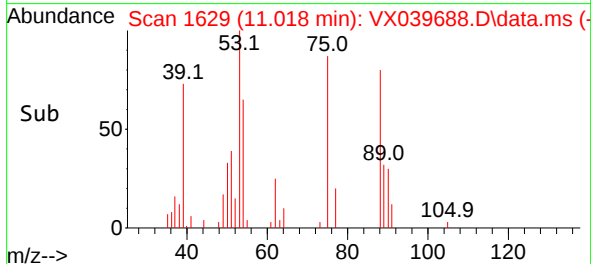
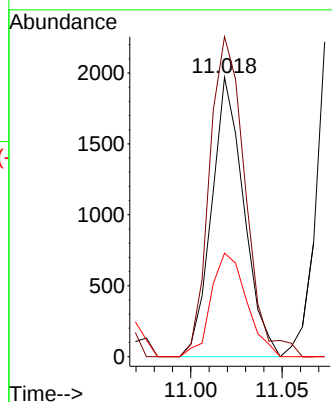
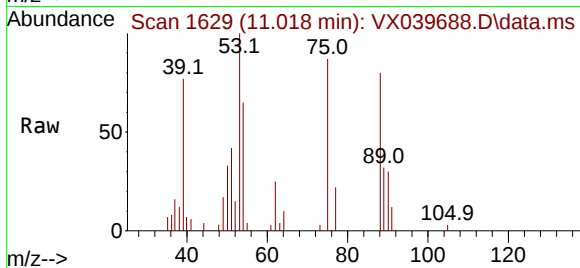




#81  
trans-1,4-Dichloro-2-butene  
Concen: 4.029 ug/l  
RT: 11.018 min Scan# 1101  
Delta R.T. 0.000 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

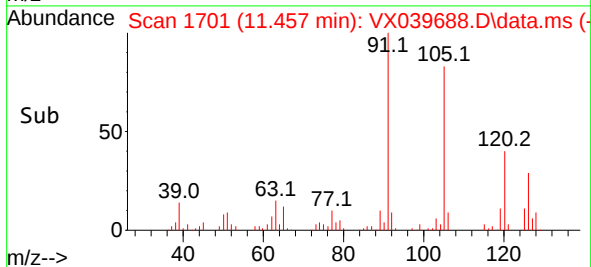
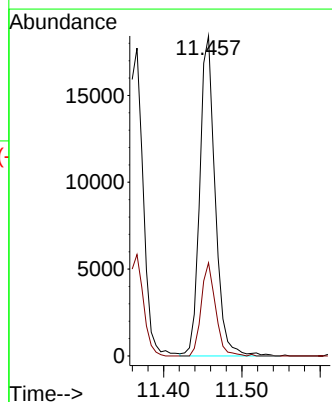
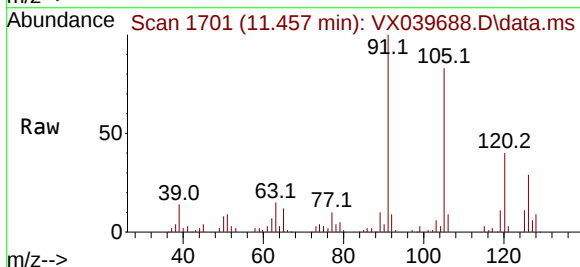
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

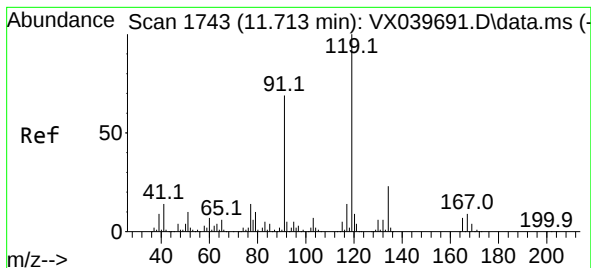
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 2415  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 126.8 | 90.5  | 135.7 |
| 89       | 40.9  | 36.9  | 55.3  |



#82  
4-Chlorotoluene  
Concen: 5.323 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 25211 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 126      | 26.9  | 14.2  | 42.6  |





#83

tert-Butylbenzene

Concen: 5.235 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

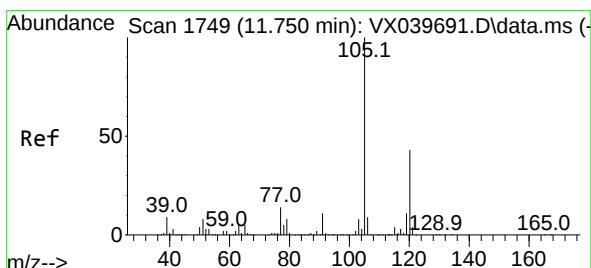
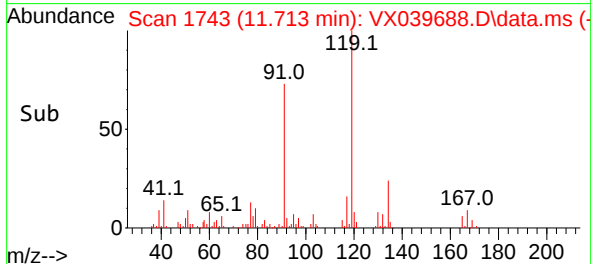
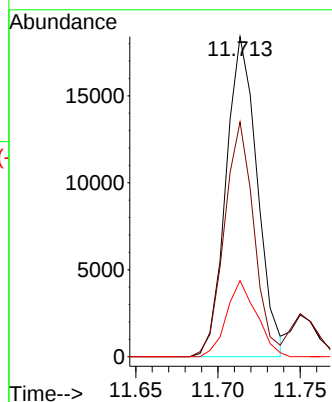
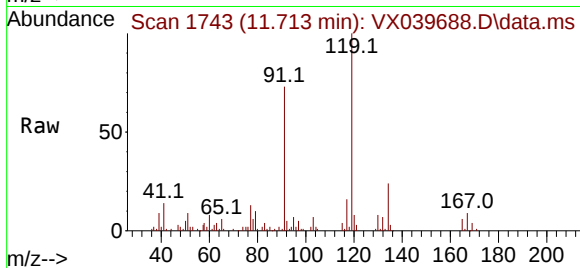
Tgt Ion:119 Resp: 24349

Ion Ratio Lower Upper

119 100

91 69.6 31.2 93.6

134 22.9 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 5.213 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039688.D

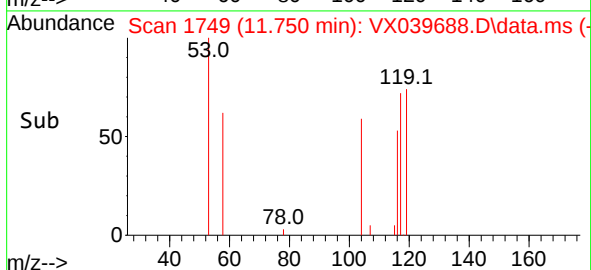
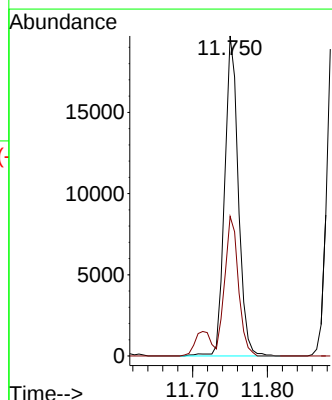
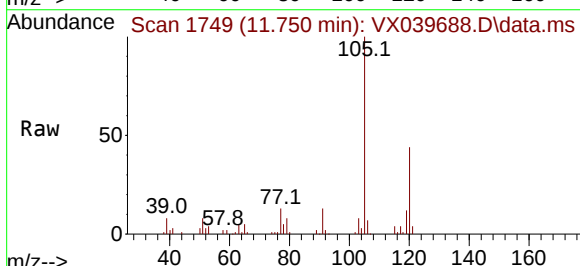
Acq: 09 Jan 2024 18:46

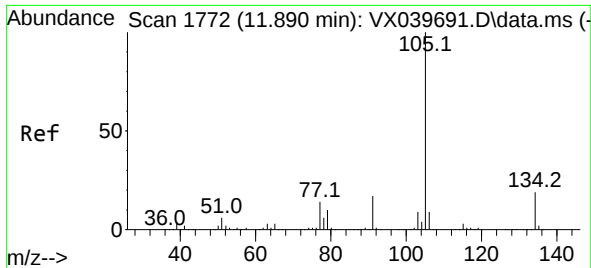
Tgt Ion:105 Resp: 25077

Ion Ratio Lower Upper

105 100

120 43.5 21.2 63.6

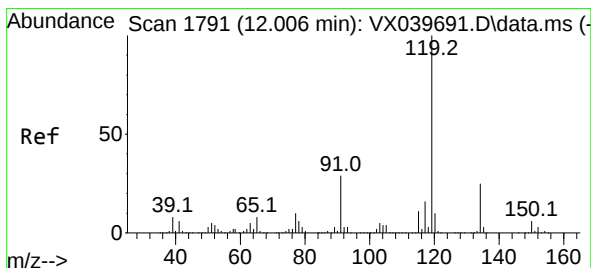
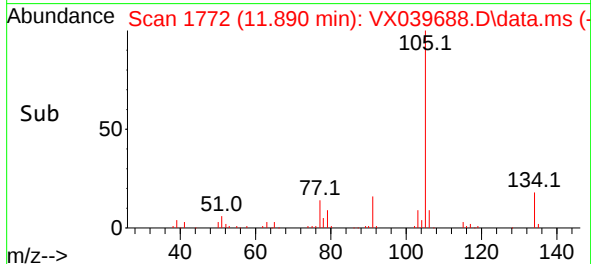
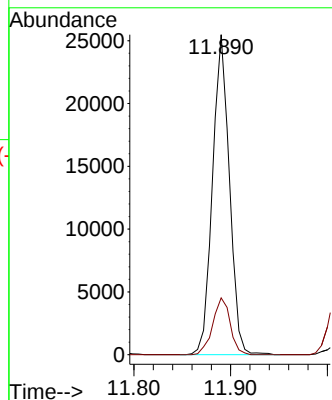
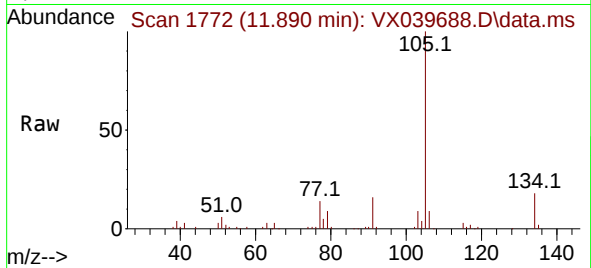




#85  
 sec-Butylbenzene  
 Concen: 5.335 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX039688.D  
 Acq: 09 Jan 2024 18:46

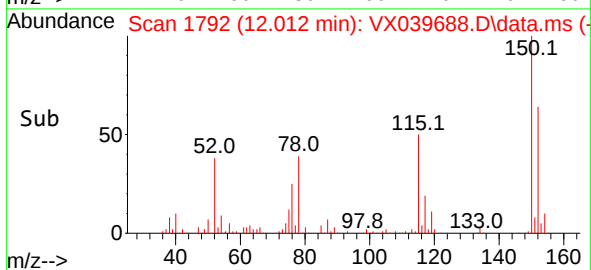
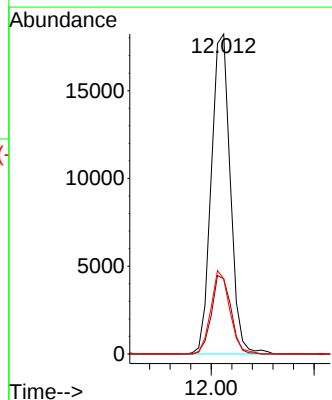
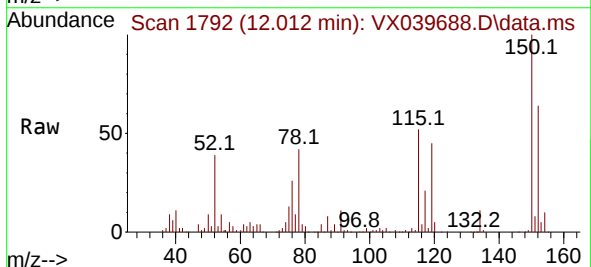
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

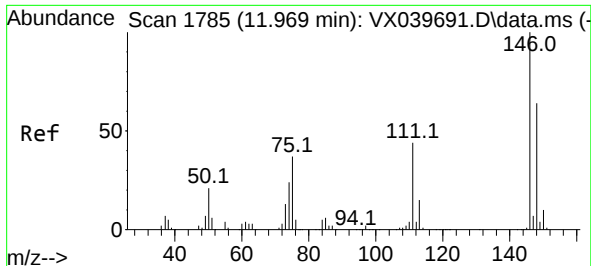
Tgt Ion:105 Resp: 30934  
 Ion Ratio Lower Upper  
 105 100  
 134 18.3 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 5.085 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.006 min  
 Lab File: VX039688.D  
 Acq: 09 Jan 2024 18:46

Tgt Ion:119 Resp: 23450  
 Ion Ratio Lower Upper  
 119 100  
 134 25.1 12.8 38.3  
 91 25.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 5.216 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

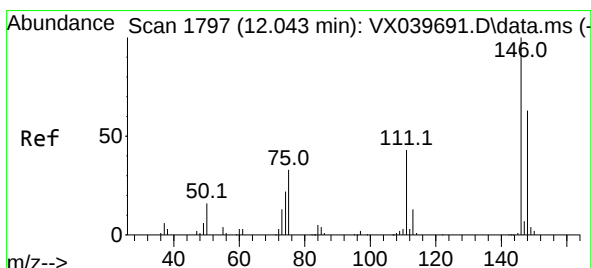
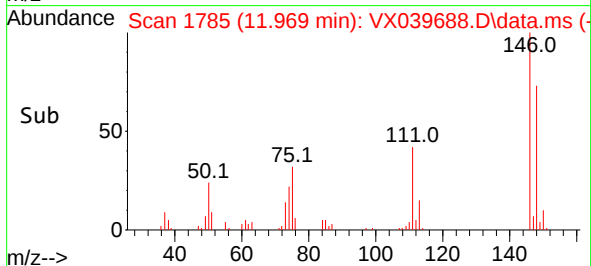
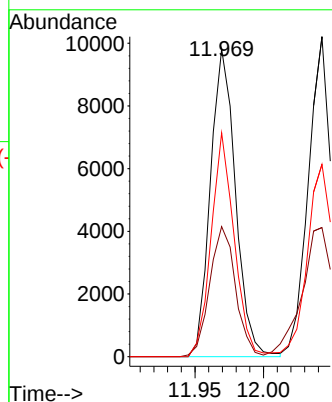
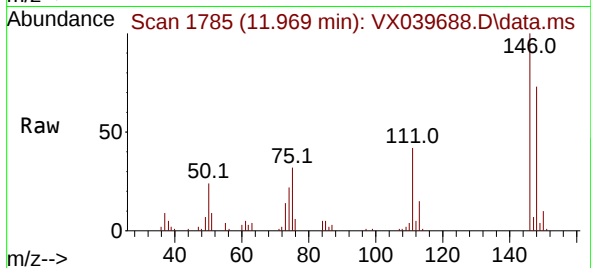
Tgt Ion:146 Resp: 12503

Ion Ratio Lower Upper

146 100

111 43.4 22.1 66.1

148 66.6 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 5.284 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

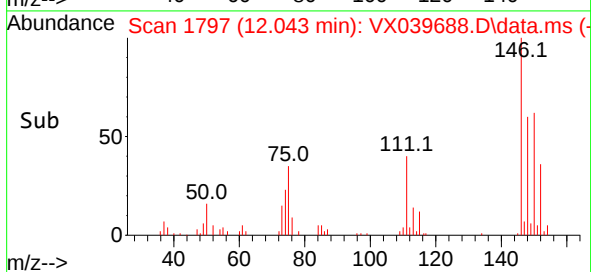
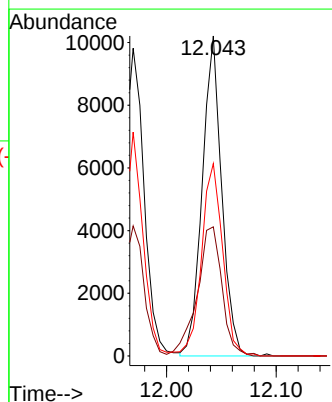
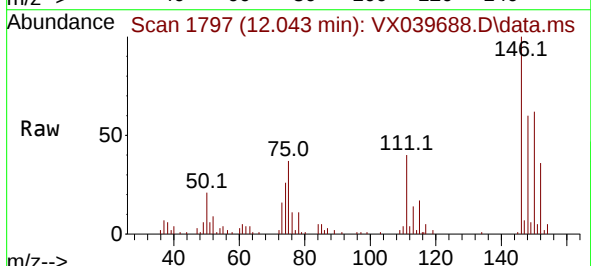
Tgt Ion:146 Resp: 12630

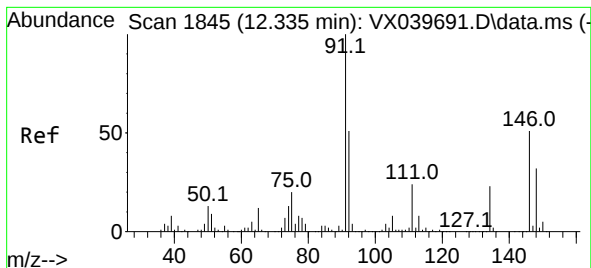
Ion Ratio Lower Upper

146 100

111 51.2 21.3 63.7

148 65.6 31.8 95.4





#89

n-Butylbenzene

Concen: 4.771 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

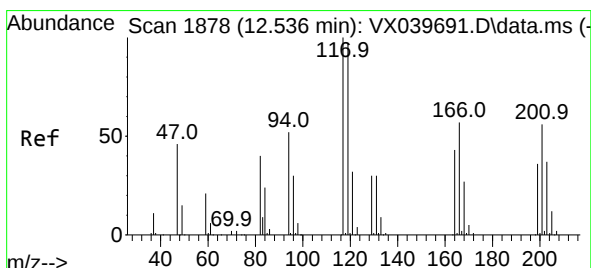
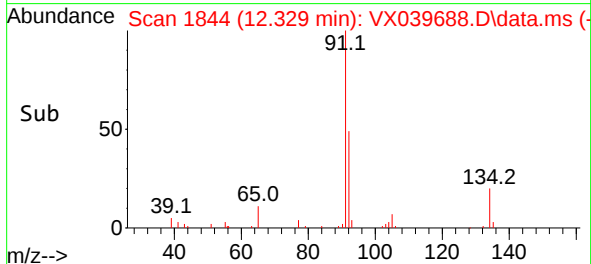
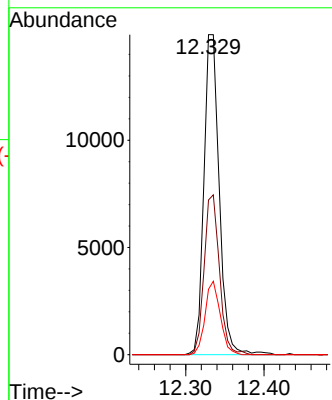
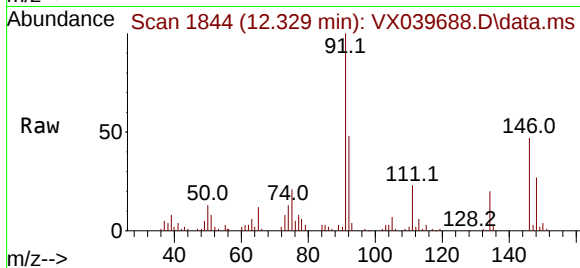
Tgt Ion: 91 Resp: 20260

Ion Ratio Lower Upper

91 100

92 49.8 27.4 82.0

134 22.7 12.6 37.8



#90

Hexachloroethane

Concen: 4.845 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX039688.D

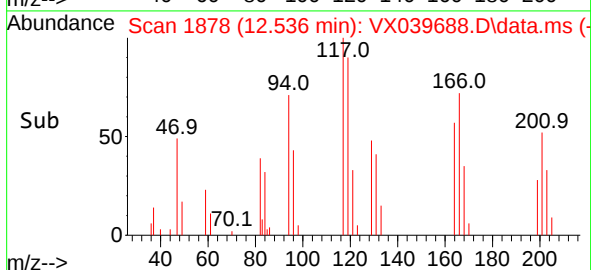
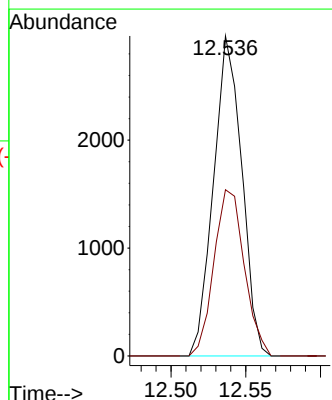
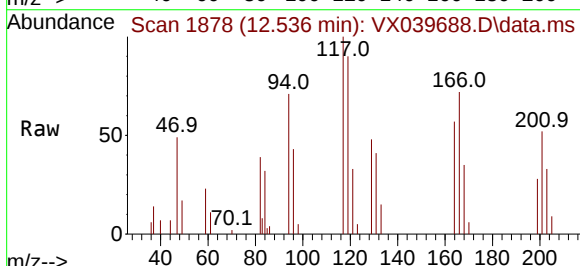
Acq: 09 Jan 2024 18:46

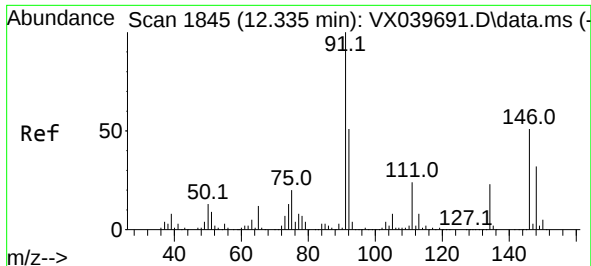
Tgt Ion: 117 Resp: 3895

Ion Ratio Lower Upper

117 100

201 55.9 32.9 98.6

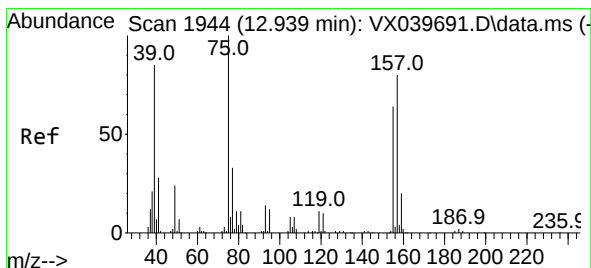
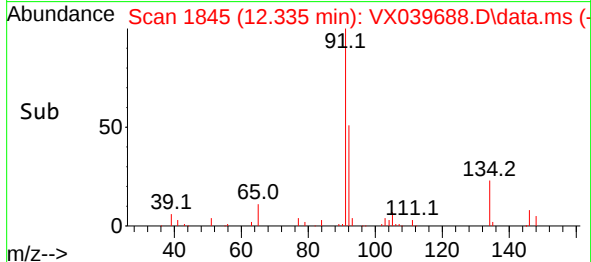
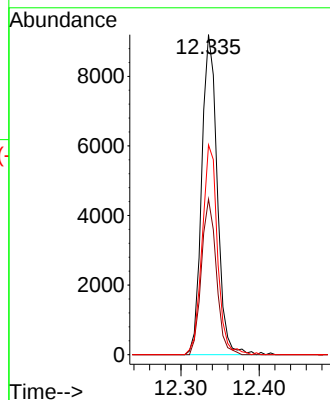
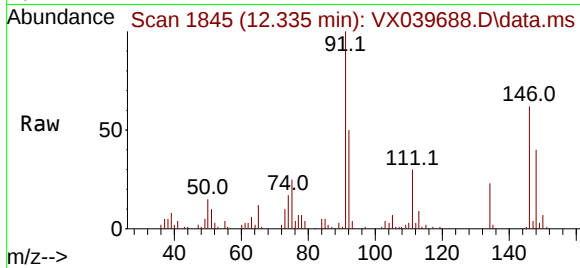




#91  
1,2-Dichlorobenzene  
Concen: 5.286 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

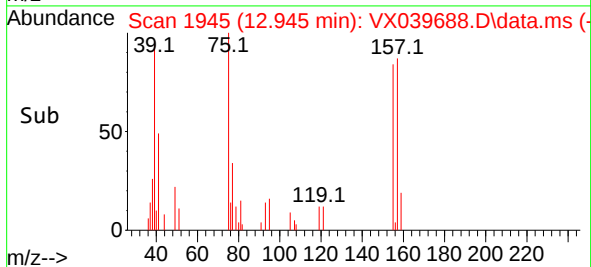
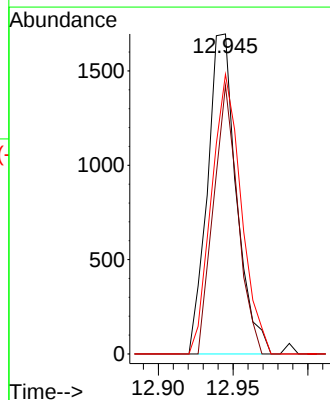
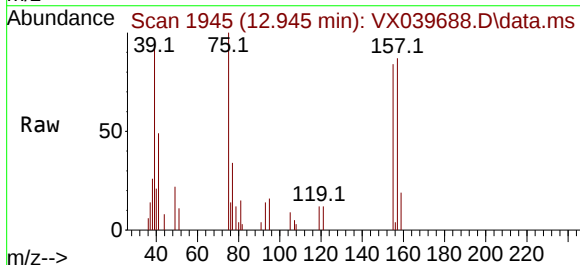
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

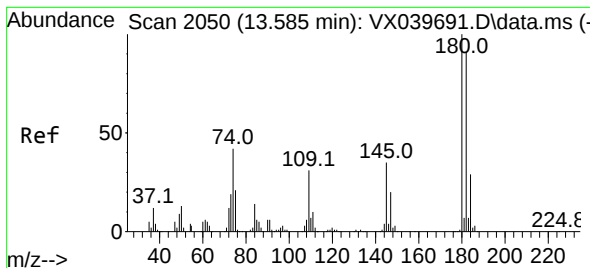
Tgt Ion:146 Resp: 12648  
Ion Ratio Lower Upper  
146 100  
111 46.8 22.4 67.0  
148 64.9 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 4.517 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.006 min  
Lab File: VX039688.D  
Acq: 09 Jan 2024 18:46

Tgt Ion: 75 Resp: 2293  
Ion Ratio Lower Upper  
75 100  
155 70.2 36.1 108.5  
157 89.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 4.830 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

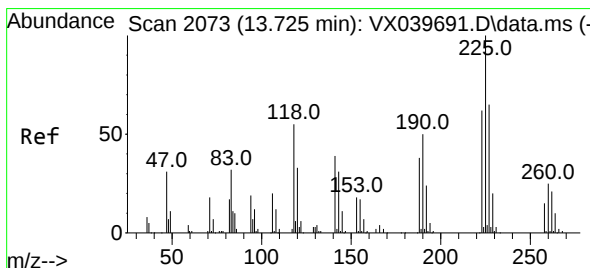
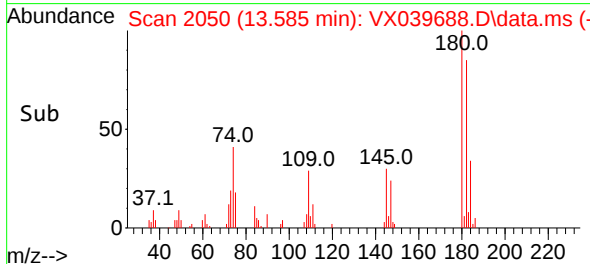
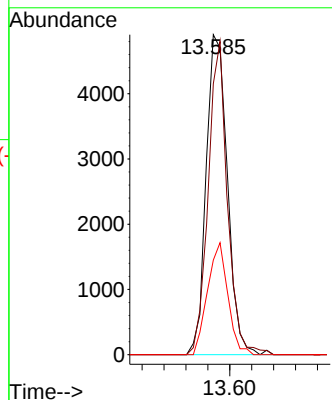
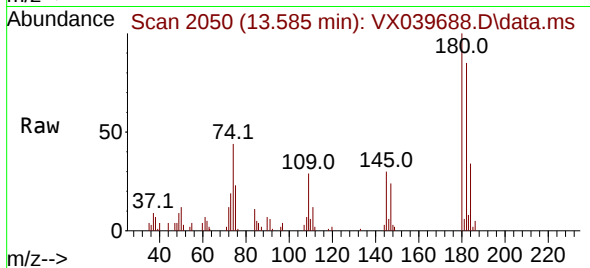
Tgt Ion:180 Resp: 6583

Ion Ratio Lower Upper

180 100

182 88.7 48.3 144.8

145 33.4 18.0 54.0



#94

Hexachlorobutadiene

Concen: 5.212 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

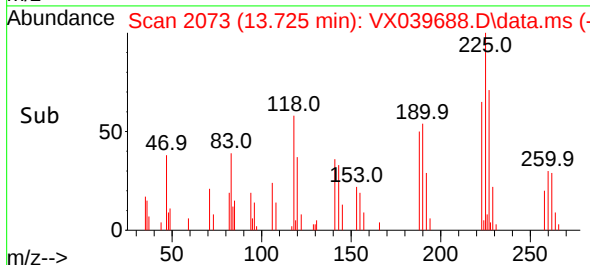
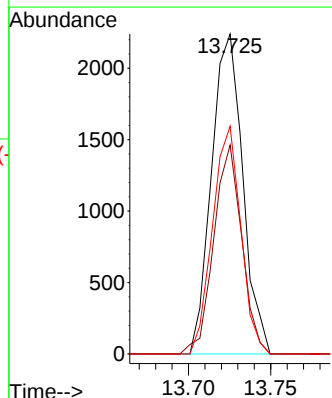
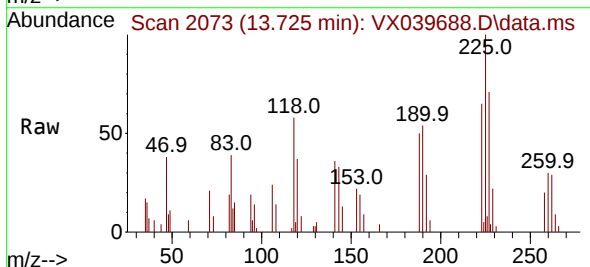
Tgt Ion:225 Resp: 2951

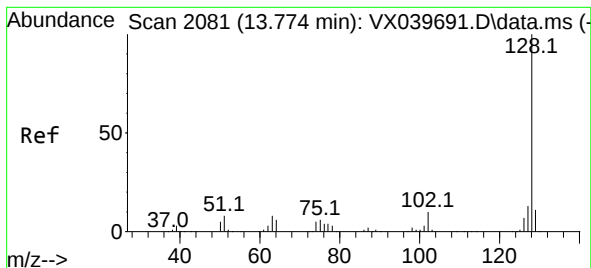
Ion Ratio Lower Upper

225 100

223 58.6 31.1 93.2

227 64.6 32.5 97.5





#95

Naphthalene

Concen: 4.826 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

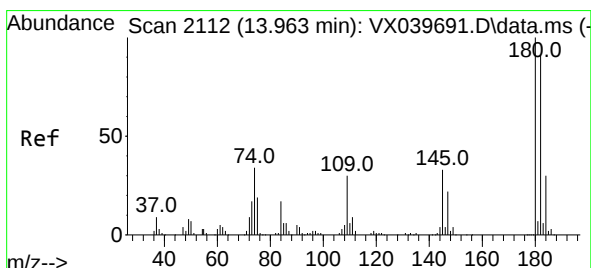
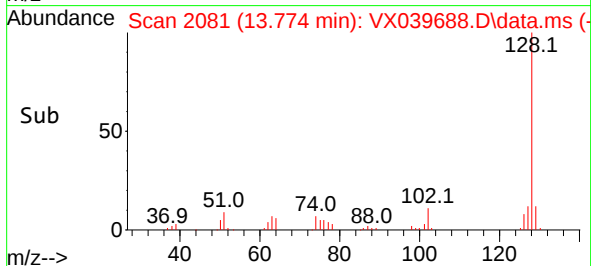
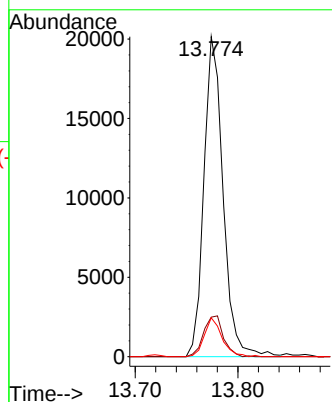
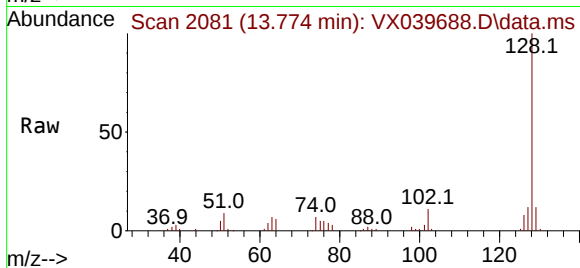
Tgt Ion:128 Resp: 26226

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.3 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 4.922 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX039688.D

Acq: 09 Jan 2024 18:46

Tgt Ion:180 Resp: 6859

Ion Ratio Lower Upper

180 100

182 93.7 46.9 140.6

145 35.6 17.8 53.5

