

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX040124\  
 Data File : VX040847.D  
 Acq On : 01 Apr 2024 15:09  
 Operator : JC/MD  
 Sample : VSTDICC150  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC150

Quant Time: Apr 02 05:27:29 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040124W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 02 05:19:09 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 50809    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 84552    | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 78934    | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 44906    | 50.000 | ug/l  | # 0.00   |

|                             |        |       |          |          |             |      |
|-----------------------------|--------|-------|----------|----------|-------------|------|
| System Monitoring Compounds |        |       |          |          |             |      |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 133026   | 145.917  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 291.840%# |      |
| 35) Dibromofluoromethane    | 5.385  | 113   | 91913    | 153.475  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 306.940%# |      |
| 50) Toluene-d8              | 8.647  | 98    | 329491   | 152.257  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 304.520%# |      |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 139824   | 161.796  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 323.600%# |      |

|                              |       |     |         |         |      |      |
|------------------------------|-------|-----|---------|---------|------|------|
| Target Compounds             |       |     | Qvalue  |         |      |      |
| 2) Dichlorodifluoromethane   | 1.167 | 85  | 104375  | 151.557 | ug/l | 98   |
| 3) Chloromethane             | 1.301 | 50  | 94107   | 158.177 | ug/l | 98   |
| 4) Vinyl Chloride            | 1.374 | 62  | 91296   | 148.657 | ug/l | 100  |
| 5) Bromomethane              | 1.599 | 94  | 48600   | 128.633 | ug/l | 99   |
| 6) Chloroethane              | 1.666 | 64  | 57899   | 146.253 | ug/l | 97   |
| 7) Trichlorofluoromethane    | 1.880 | 101 | 173664  | 147.723 | ug/l | 99   |
| 8) Diethyl Ether             | 2.136 | 74  | 56319   | 148.246 | ug/l | 97   |
| 9) 1,1,2-Trichlorotrifluo... | 2.325 | 101 | 86710   | 143.071 | ug/l | 99   |
| 10) Methyl Iodide            | 2.447 | 142 | 101839  | 138.521 | ug/l | 99   |
| 11) Tert butyl alcohol       | 2.983 | 59  | 129408  | 777.500 | ug/l | # 90 |
| 12) 1,1-Dichloroethene       | 2.313 | 96  | 81597   | 143.549 | ug/l | 95   |
| 13) Acrolein                 | 2.239 | 56  | 74231   | 817.027 | ug/l | 99   |
| 14) Allyl chloride           | 2.660 | 41  | 156662  | 153.852 | ug/l | 91   |
| 15) Acrylonitrile            | 3.069 | 53  | 261658  | 745.231 | ug/l | 97   |
| 16) Acetone                  | 2.386 | 43  | 243899  | 689.005 | ug/l | 97   |
| 17) Carbon Disulfide         | 2.508 | 76  | 233712  | 142.127 | ug/l | 99   |
| 18) Methyl Acetate           | 2.703 | 43  | 124937  | 148.767 | ug/l | 99   |
| 19) Methyl tert-butyl Ether  | 3.117 | 73  | 298489  | 149.183 | ug/l | 99   |
| 20) Methylene Chloride       | 2.788 | 84  | 90485   | 137.933 | ug/l | 97   |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 84892   | 141.397 | ug/l | 97   |
| 22) Diisopropyl ether        | 3.764 | 45  | 306655  | 154.748 | ug/l | 90   |
| 23) Vinyl Acetate            | 3.721 | 43  | 1480380 | 779.431 | ug/l | 99   |
| 24) 1,1-Dichloroethane       | 3.611 | 63  | 167461  | 147.914 | ug/l | 99   |
| 25) 2-Butanone               | 4.556 | 43  | 393476  | 748.274 | ug/l | 100  |
| 26) 2,2-Dichloropropane      | 4.477 | 77  | 152730  | 157.130 | ug/l | 98   |
| 27) cis-1,2-Dichloroethene   | 4.489 | 96  | 101913  | 146.998 | ug/l | 98   |
| 28) Bromochloromethane       | 4.904 | 49  | 71434   | 140.326 | ug/l | 99   |
| 29) Tetrahydrofuran          | 5.007 | 42  | 259800  | 760.129 | ug/l | 99   |
| 30) Chloroform               | 5.099 | 83  | 182069  | 147.749 | ug/l | 95   |
| 31) Cyclohexane              | 5.471 | 56  | 143606  | 148.444 | ug/l | 98   |
| 32) 1,1,1-Trichloroethane    | 5.385 | 97  | 169922  | 155.174 | ug/l | 99   |
| 36) 1,1-Dichloropropene      | 5.696 | 75  | 126698  | 148.891 | ug/l | 99   |
| 37) Ethyl Acetate            | 4.715 | 43  | 157271  | 150.511 | ug/l | 98   |
| 38) Carbon Tetrachloride     | 5.678 | 117 | 145818  | 154.791 | ug/l | 99   |
| 39) Methylcyclohexane        | 7.379 | 83  | 150070  | 147.599 | ug/l | 99   |
| 40) Benzene                  | 6.038 | 78  | 353548  | 149.695 | ug/l | 100  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX040124\  
 Data File : VX040847.D  
 Acq On : 01 Apr 2024 15:09  
 Operator : JC/MD  
 Sample : VSTDICC150  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC150

Quant Time: Apr 02 05:27:29 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040124W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 02 05:19:09 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 86461    | 161.119  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 154270   | 150.391  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 258187   | 159.997  | ug/l   | 97       |
| 44) Trichloroethene           | 7.123  | 130  | 89577    | 151.859  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 7.428  | 63   | 88021    | 156.118  | ug/l   | 100      |
| 46) Dibromomethane            | 7.580  | 93   | 71807    | 155.387  | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.818  | 83   | 148894   | 154.858  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.690  | 41   | 130075   | 164.608  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 49035    | 3251.781 | ug/l # | 97       |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43   | 853731   | 797.594  | ug/l   | 97       |
| 52) Toluene                   | 8.720  | 92   | 225559   | 151.356  | ug/l   | 94       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 156287   | 149.827  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 155768   | 163.388  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 89912    | 154.601  | ug/l   | 93       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 166692   | 166.917  | ug/l   | 93       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 153775   | 151.185  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.245  | 63   | 382110   | 789.270  | ug/l   | 96       |
| 59) 2-Hexanone                | 9.433  | 43   | 701301   | 816.939  | ug/l   | 96       |
| 60) Dibromochloromethane      | 9.519  | 129  | 113476   | 163.445  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 97479    | 155.356  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 78401    | 150.092  | ug/l   | 98       |
| 65) Chlorobenzene             | 10.080 | 112  | 256948   | 148.843  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 90791    | 158.447  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 465981   | 151.362  | ug/l   | 97       |
| 68) m/p-Xylenes               | 10.299 | 106  | 341160   | 304.571  | ug/l   | 91       |
| 69) o-Xylene                  | 10.640 | 106  | 165172   | 156.522  | ug/l   | 90       |
| 70) Styrene                   | 10.653 | 104  | 298095   | 163.015  | ug/l   | 97       |
| 71) Bromoform                 | 10.799 | 173  | 83853    | 149.979  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.964 | 105  | 447268   | 142.608  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.842 | 43   | 255953   | 161.121  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 159057   | 148.317  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 192474   | 201.001  | ug/l   | 90       |
| 77) Bromobenzene              | 11.195 | 156  | 107946   | 146.719  | ug/l   | 98       |
| 78) n-propylbenzene           | 11.305 | 91   | 563060   | 143.649  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 338259   | 144.604  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 400713   | 149.592  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 59686    | 168.169  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 410236   | 146.890  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 392621   | 147.745  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 404094   | 149.748  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.890 | 105  | 495592   | 146.841  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 428117   | 151.237  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 214206   | 144.038  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 218898   | 138.721  | ug/l   | 100      |
| 89) n-Butylbenzene            | 12.329 | 91   | 429528   | 153.589  | ug/l   | 96       |
| 90) Hexachloroethane          | 12.536 | 117  | 79882    | 161.992  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 209642   | 143.843  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 44800    | 162.575  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 145060   | 143.571  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 55090    | 142.332  | ug/l   | 99       |
| 95) Naphthalene               | 13.774 | 128  | 496087   | 152.488  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 141213   | 146.501  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX040124\  
Data File : VX040847.D  
Acq On : 01 Apr 2024 15:09  
Operator : JC/MD  
Sample : VSTDICC150  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 10 Sample Multiplier: 1

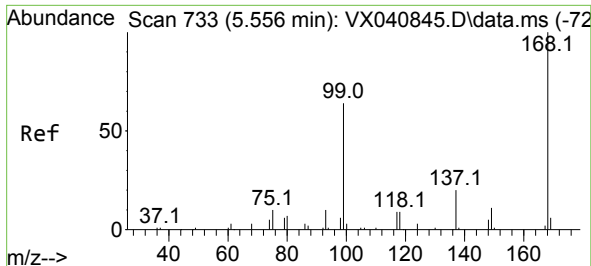
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC150

Quant Time: Apr 02 05:27:29 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040124W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 02 05:19:09 2024  
Response via : Initial Calibration

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

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

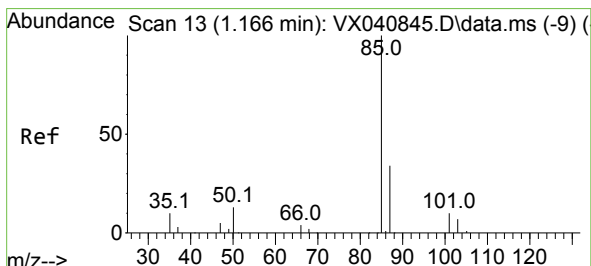
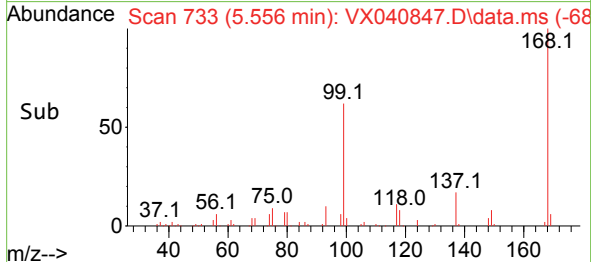
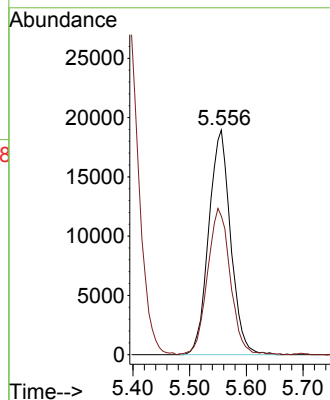
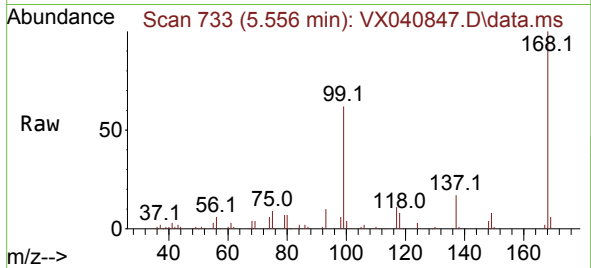




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

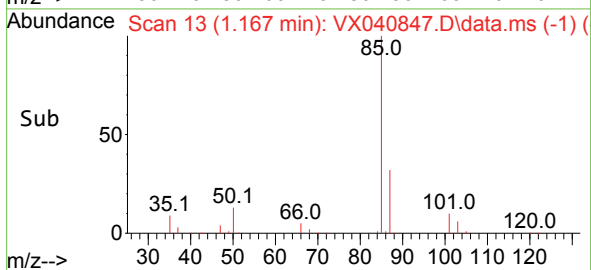
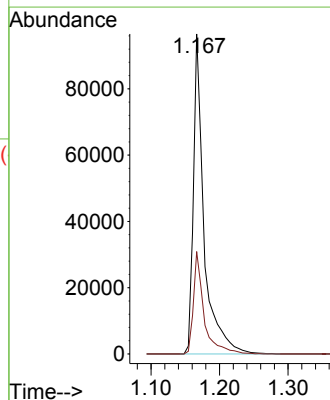
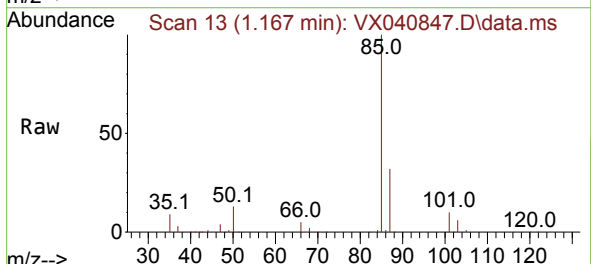
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

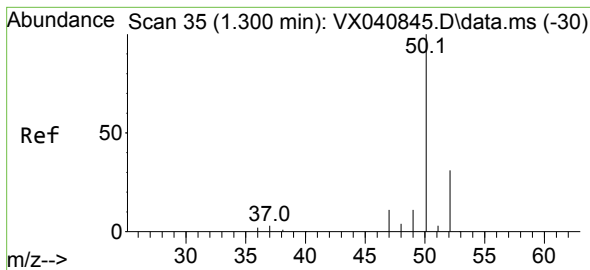
Tgt Ion:168 Resp: 50809  
Ion Ratio Lower Upper  
168 100  
99 61.2 56.6 85.0



#2  
Dichlorodifluoromethane  
Concen: 151.557 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

Tgt Ion: 85 Resp: 104375  
Ion Ratio Lower Upper  
85 100  
87 32.0 16.7 50.1





#3

Chloromethane

Concen: 158.177 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX040847.D

Acq: 01 Apr 2024 15:09

Instrument :

MSVOA\_X

ClientSampleId :

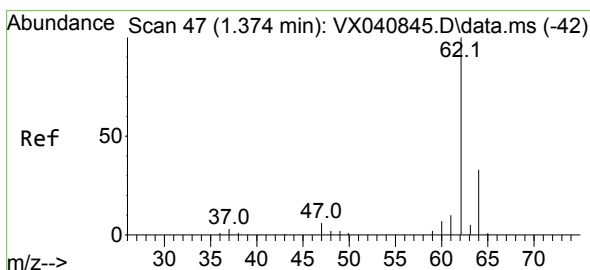
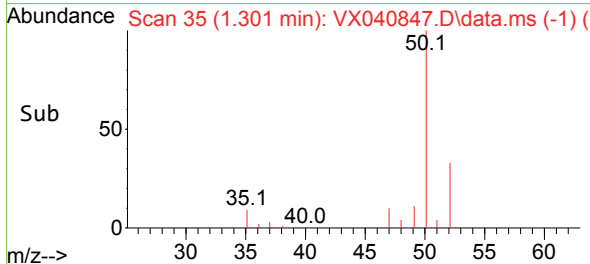
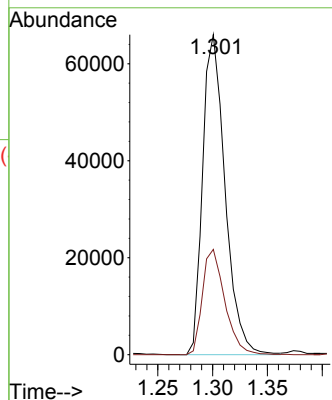
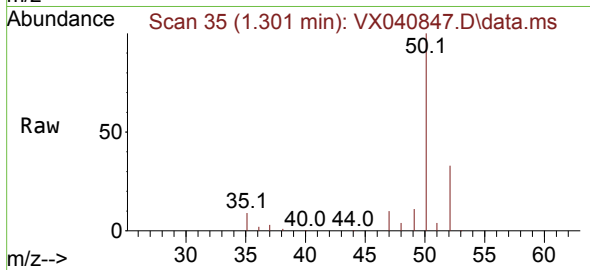
VSTDIC150

Tgt Ion: 50 Resp: 94107

Ion Ratio Lower Upper

50 100

52 32.9 25.5 38.3



#4

Vinyl Chloride

Concen: 148.657 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX040847.D

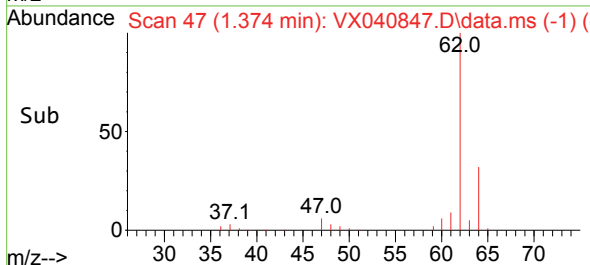
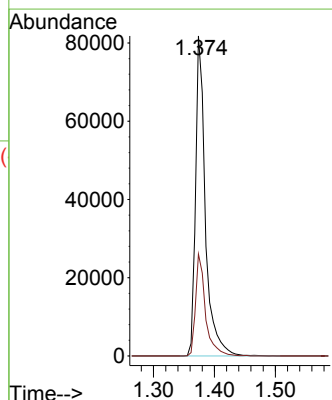
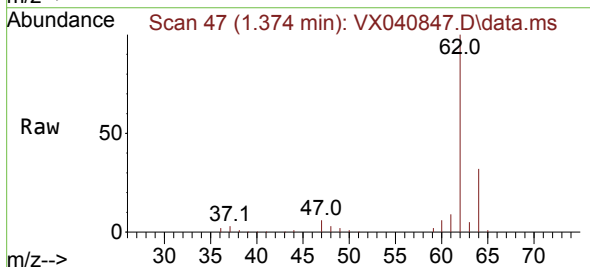
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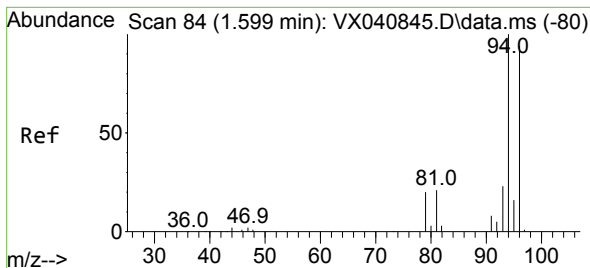
Tgt Ion: 62 Resp: 91296

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.0





#5

Bromomethane

Concen: 128.633 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX040847.D

Acq: 01 Apr 2024 15:09

Instrument :

MSVOA\_X

ClientSampleId :

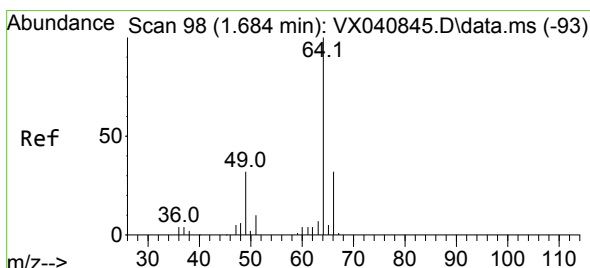
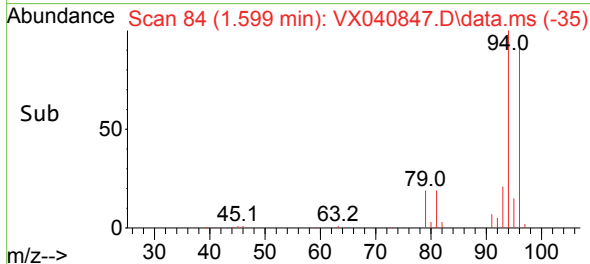
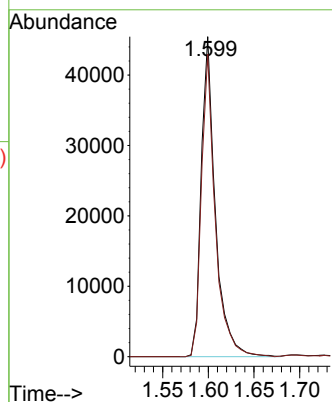
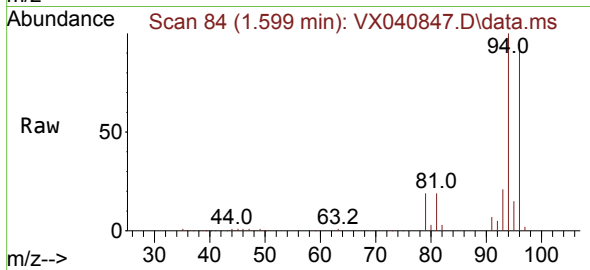
VSTDIC150

Tgt Ion: 94 Resp: 48600

Ion Ratio Lower Upper

94 100

96 94.5 74.6 111.8



#6

Chloroethane

Concen: 146.253 ug/l

RT: 1.666 min Scan# 95

Delta R.T. -0.018 min

Lab File: VX040847.D

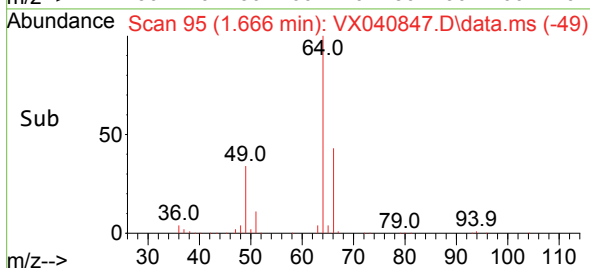
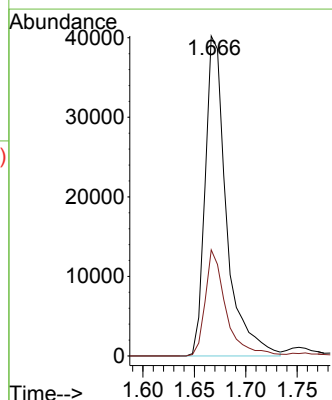
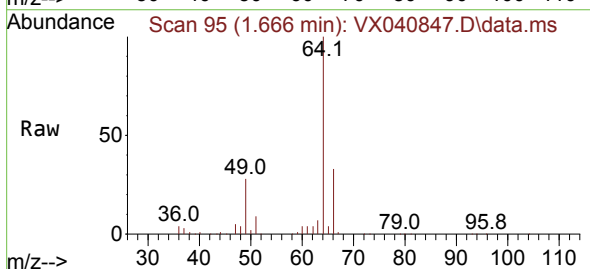
Acq: 01 Apr 2024 15:09

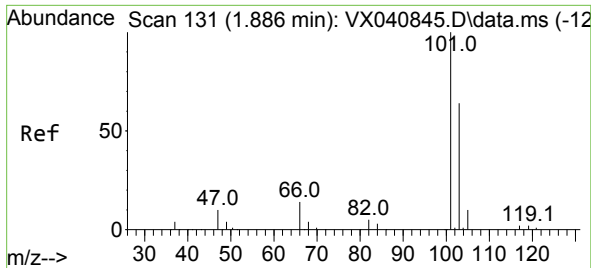
Tgt Ion: 64 Resp: 57899

Ion Ratio Lower Upper

64 100

66 33.2 25.1 37.7

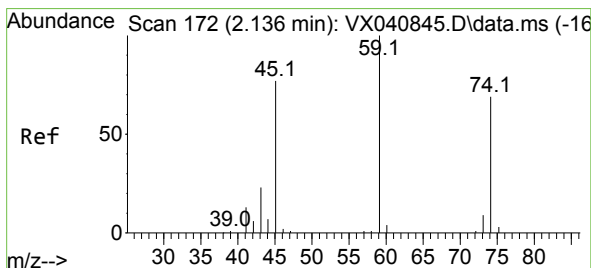
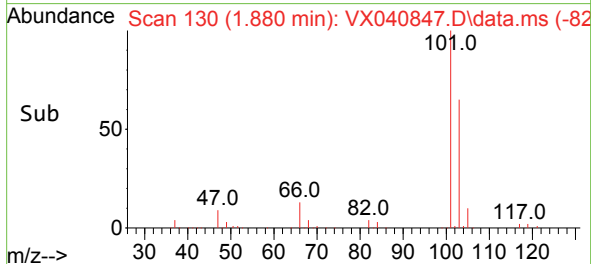
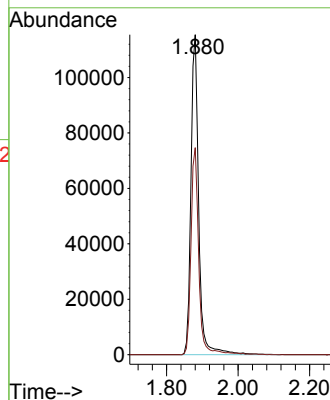
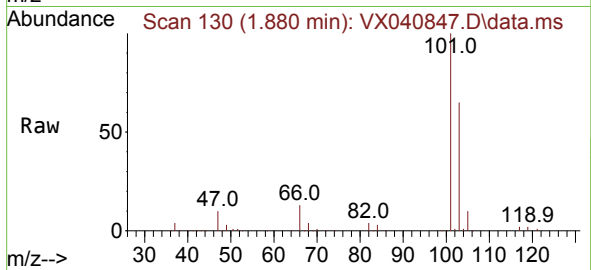




#7  
Trichlorofluoromethane  
Concen: 147.723 ug/l  
RT: 1.880 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

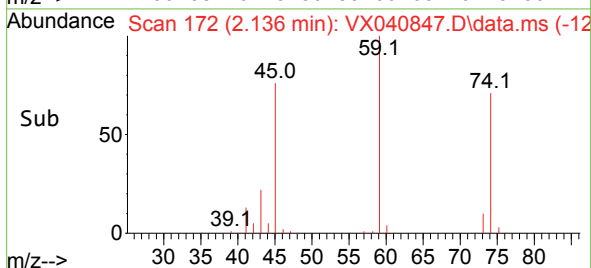
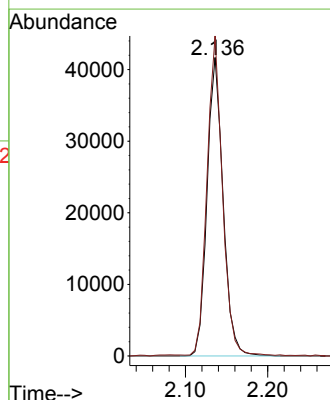
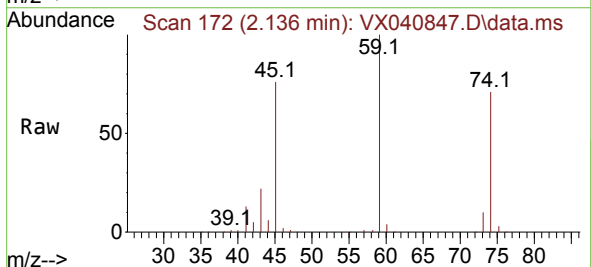
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

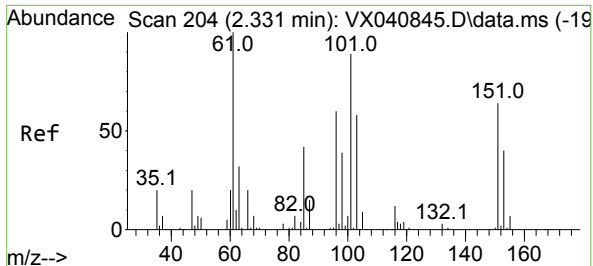
Tgt Ion:101 Resp: 173664  
Ion Ratio Lower Upper  
101 100  
103 64.7 51.4 77.2



#8  
Diethyl Ether  
Concen: 148.246 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

Tgt Ion: 74 Resp: 56319  
Ion Ratio Lower Upper  
74 100  
45 103.5 53.3 159.8

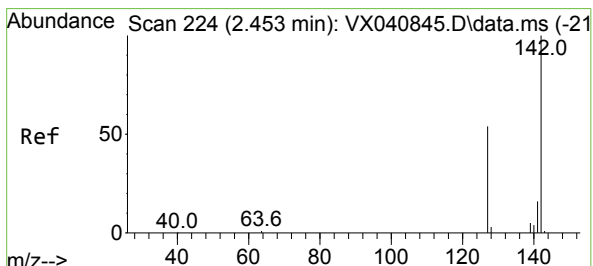
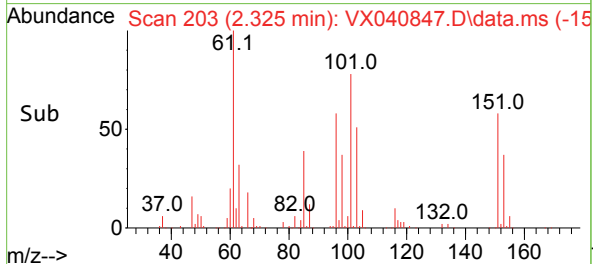
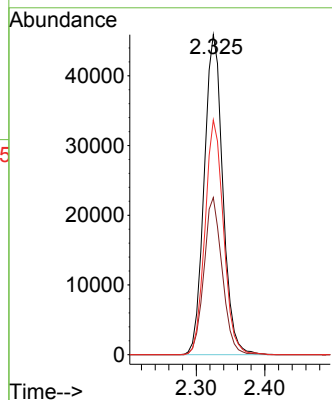
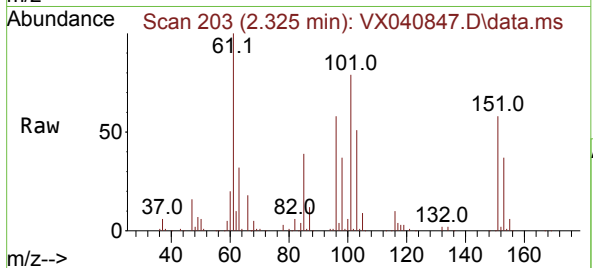




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 143.071 ug/l  
RT: 2.325 min Scan# 204  
Delta R.T. -0.006 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

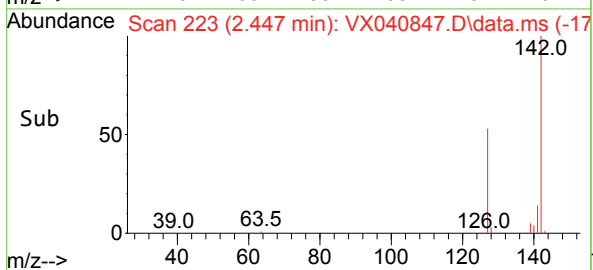
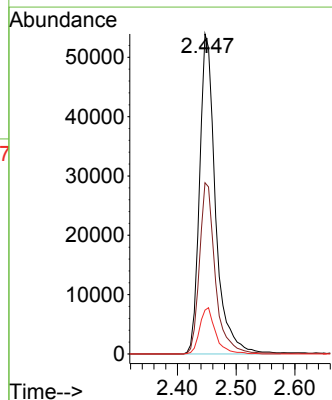
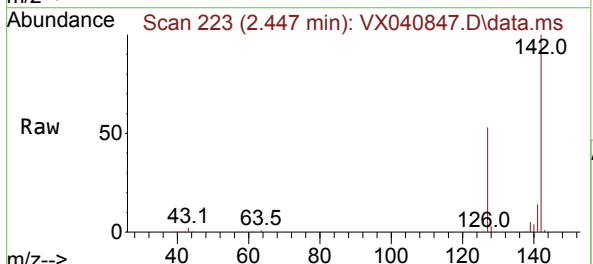
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

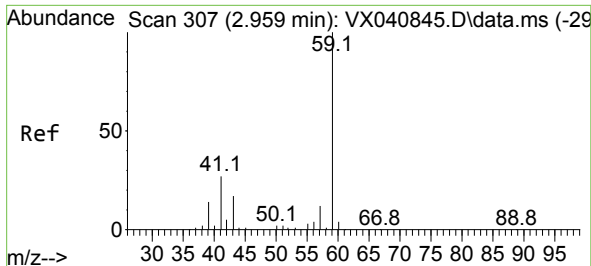
Tgt Ion:101 Resp: 86710  
Ion Ratio Lower Upper  
101 100  
85 48.2 37.0 55.6  
151 73.0 58.6 87.8



#10  
Methyl Iodide  
Concen: 138.521 ug/l  
RT: 2.447 min Scan# 223  
Delta R.T. -0.006 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

Tgt Ion:142 Resp: 101839  
Ion Ratio Lower Upper  
142 100  
127 53.2 41.6 62.4  
141 14.4 11.6 17.4

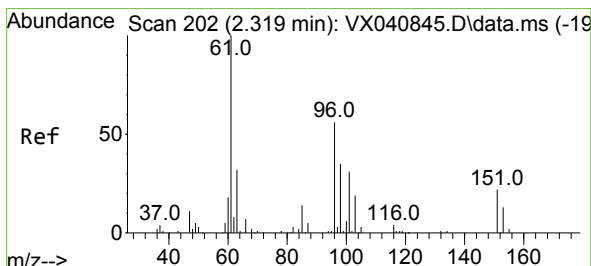
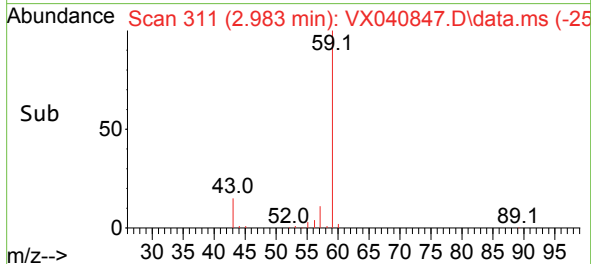
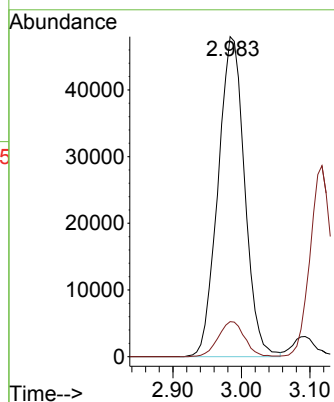
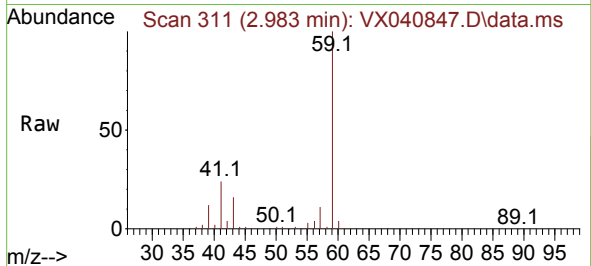




#11  
Tert butyl alcohol  
Concen: 777.500 ug/l  
RT: 2.983 min Scan# 311  
Delta R.T. 0.025 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

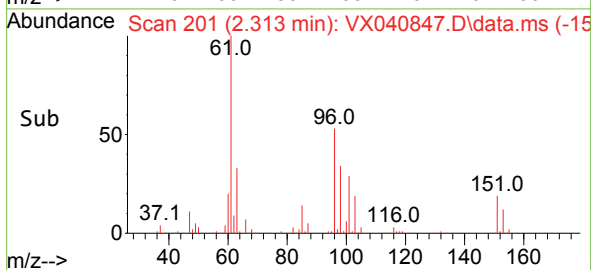
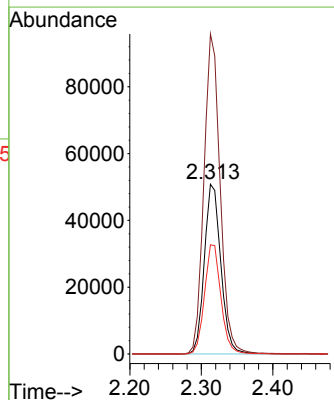
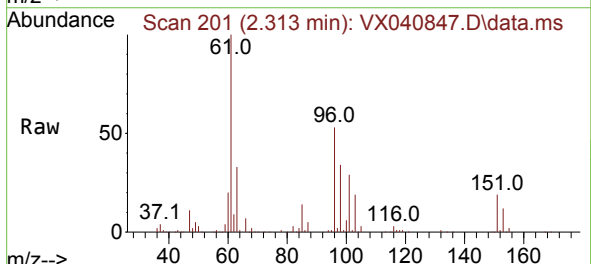
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

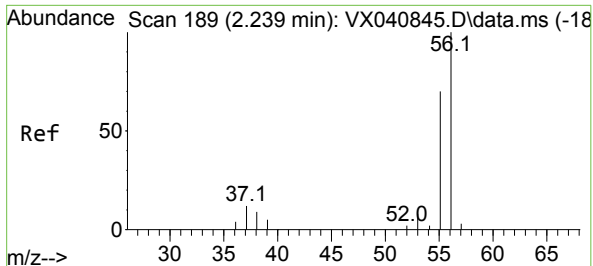
Tgt Ion: 59 Resp: 129408  
Ion Ratio Lower Upper  
59 100  
57 10.9 6.0 9.0#



#12  
1,1-Dichloroethene  
Concen: 143.549 ug/l  
RT: 2.313 min Scan# 201  
Delta R.T. -0.006 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

Tgt Ion: 96 Resp: 81597  
Ion Ratio Lower Upper  
96 100  
61 188.5 144.6 216.8  
98 64.3 50.4 75.6





#13

Acrolein

Concen: 817.027 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040847.D

Acq: 01 Apr 2024 15:09

Instrument :

MSVOA\_X

ClientSampleId :

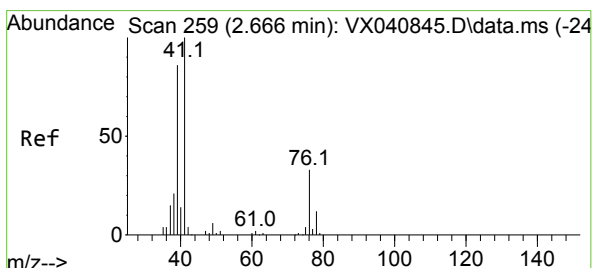
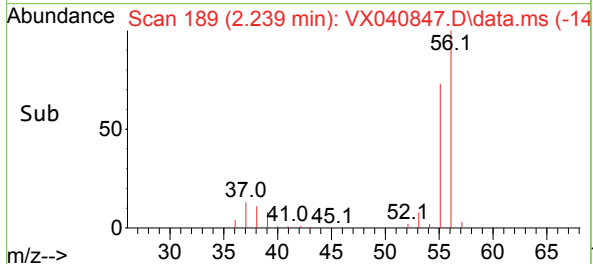
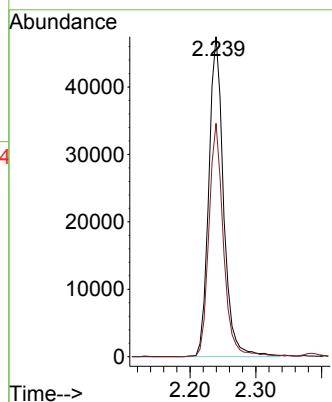
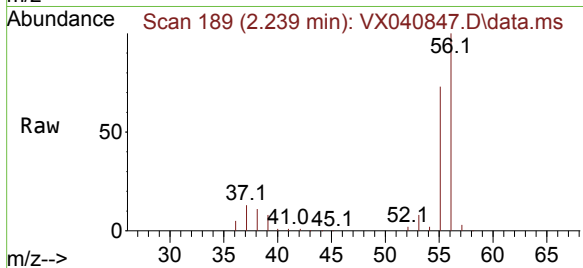
VSTDICC150

Tgt Ion: 56 Resp: 74231

Ion Ratio Lower Upper

56 100

55 71.9 57.1 85.7



#14

Allyl chloride

Concen: 153.852 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX040847.D

Acq: 01 Apr 2024 15:09

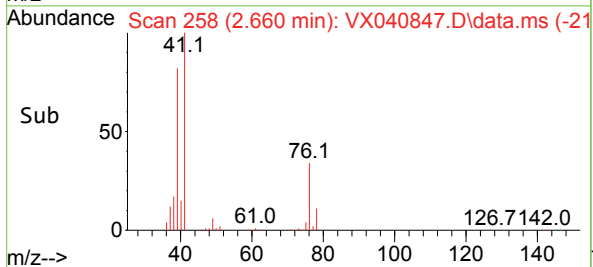
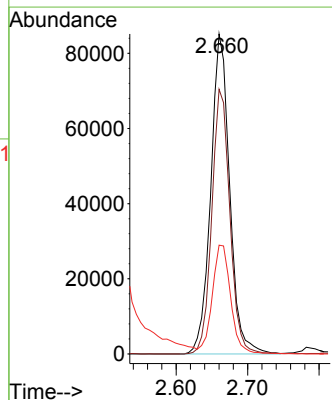
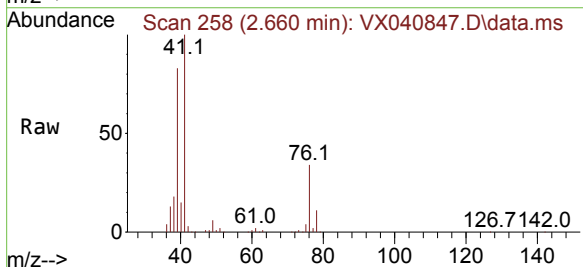
Tgt Ion: 41 Resp: 156662

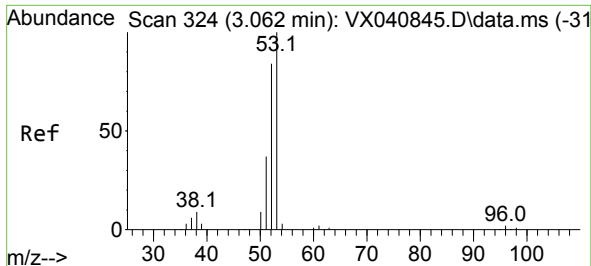
Ion Ratio Lower Upper

41 100

39 78.9 55.8 83.6

76 33.2 24.3 36.5

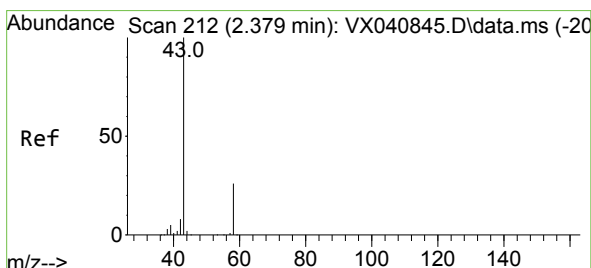
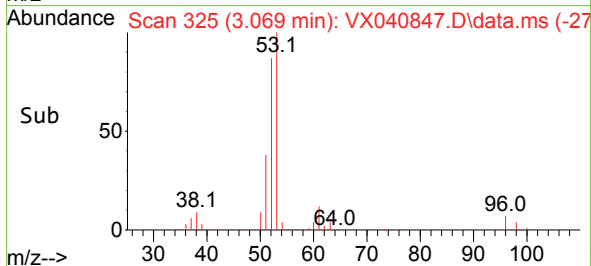
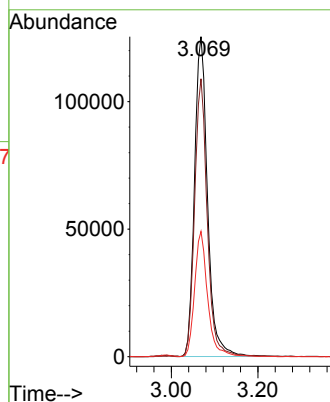
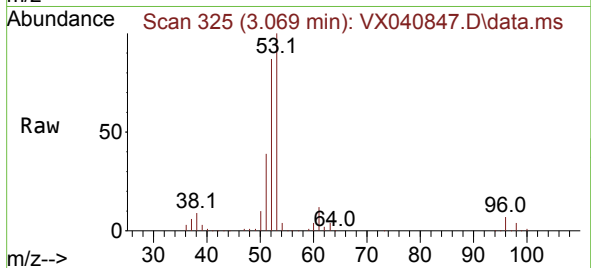




#15  
Acrylonitrile  
Concen: 745.231 ug/l  
RT: 3.069 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

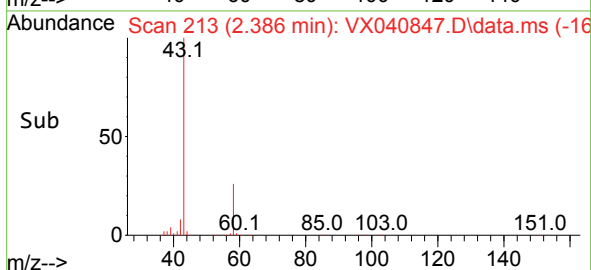
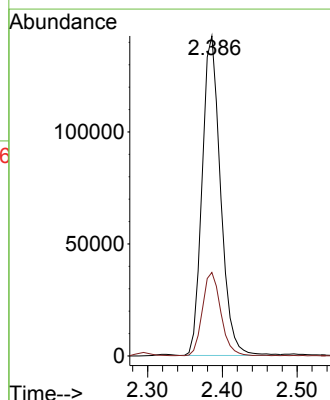
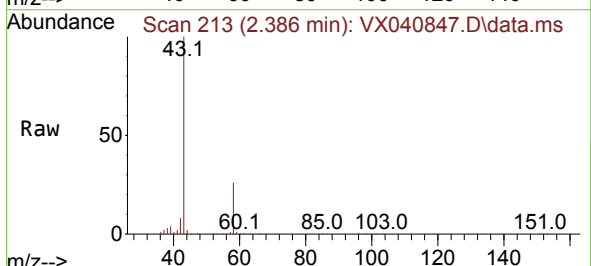
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC150

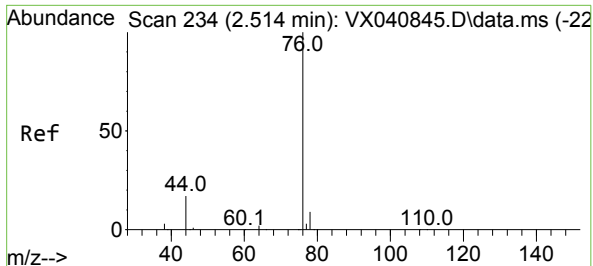
Tgt Ion: 53 Resp: 261658  
Ion Ratio Lower Upper  
53 100  
52 84.6 66.0 99.0  
51 39.4 29.8 44.6



#16  
Acetone  
Concen: 689.005 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.006 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

Tgt Ion: 43 Resp: 243899  
Ion Ratio Lower Upper  
43 100  
58 26.0 21.9 32.9





#17

Carbon Disulfide

Concen: 142.127 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX040847.D

Acq: 01 Apr 2024 15:09

Instrument :

MSVOA\_X

ClientSampleId :

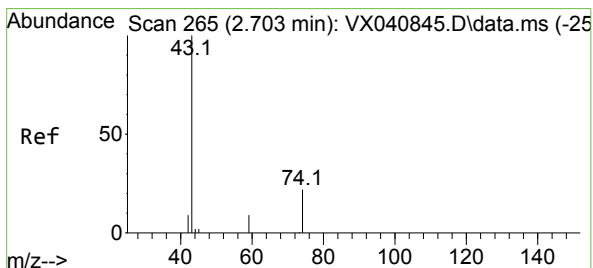
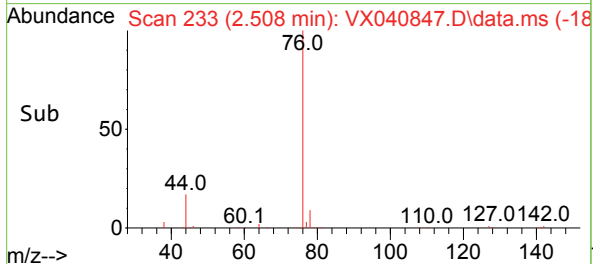
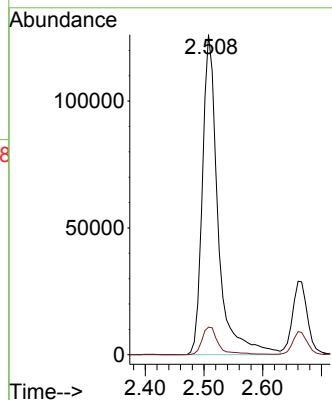
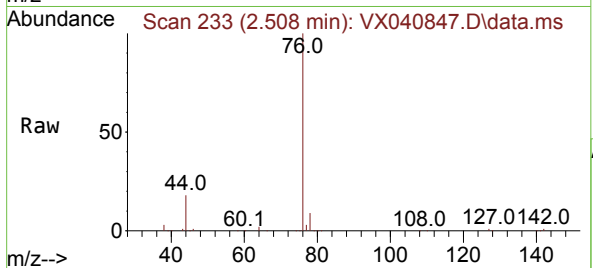
VSTDIC150

Tgt Ion: 76 Resp: 233712

Ion Ratio Lower Upper

76 100

78 8.6 7.0 10.6



#18

Methyl Acetate

Concen: 148.767 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX040847.D

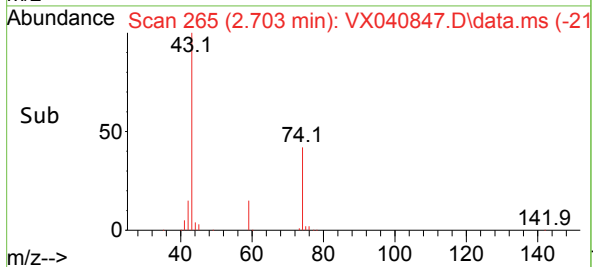
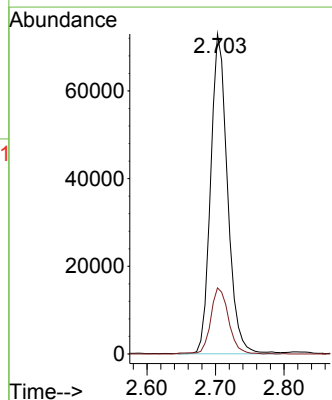
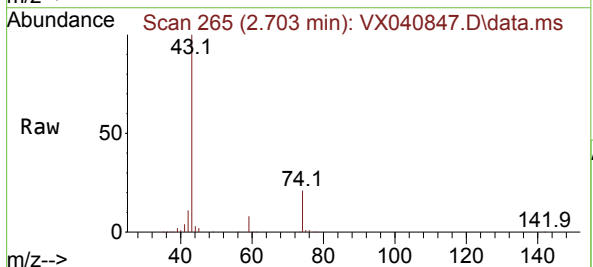
Acq: 01 Apr 2024 15:09

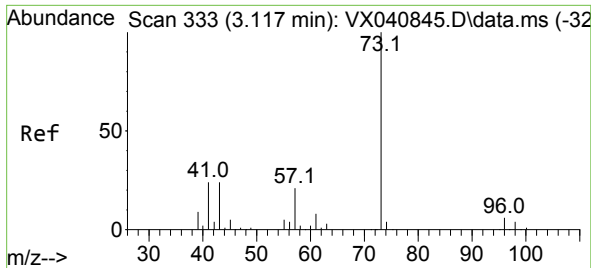
Tgt Ion: 43 Resp: 124937

Ion Ratio Lower Upper

43 100

74 22.0 17.8 26.8

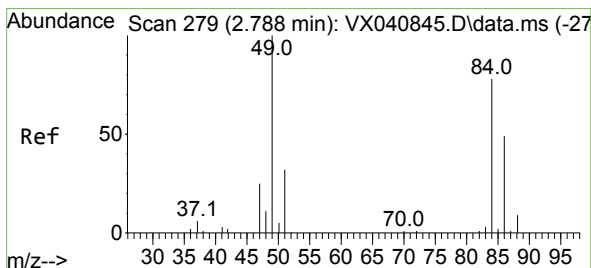
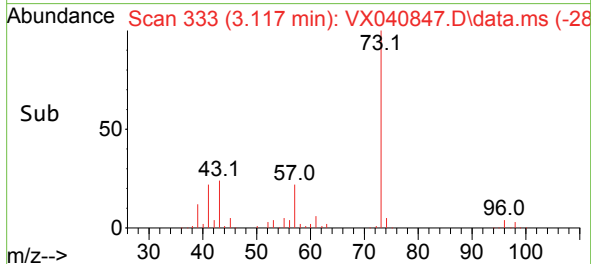
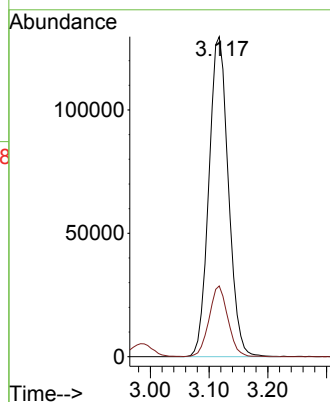
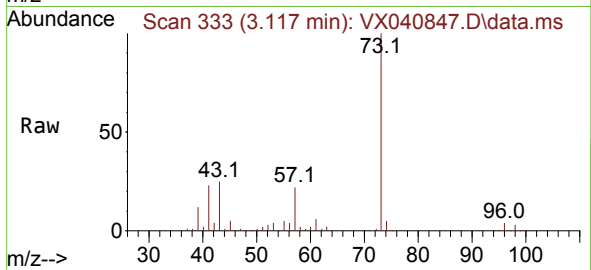




#19  
Methyl tert-butyl Ether  
Concen: 149.183 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

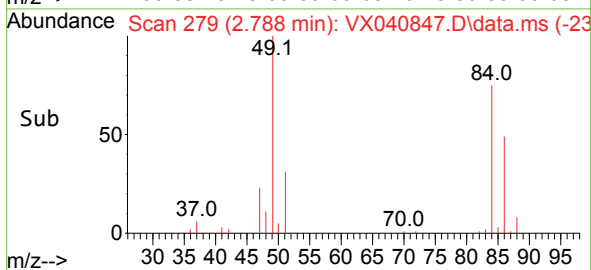
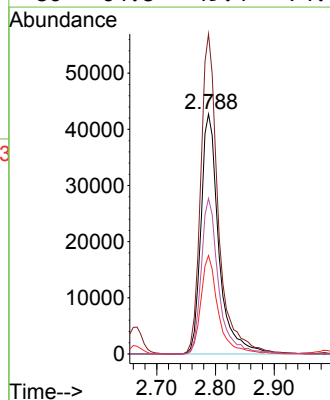
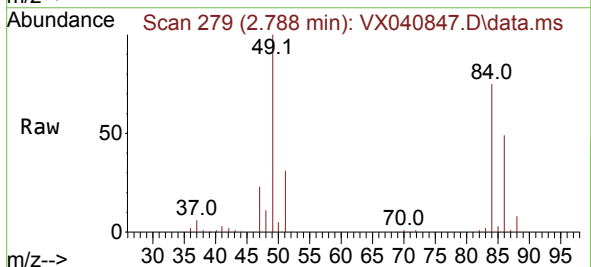
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

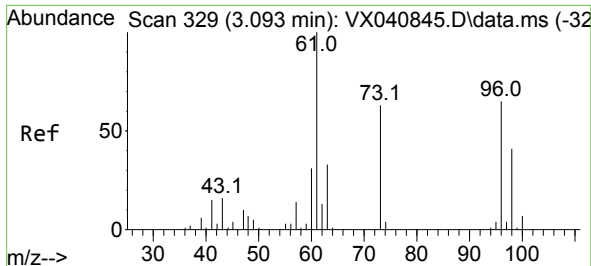
Tgt Ion: 73 Resp: 298489  
Ion Ratio Lower Upper  
73 100  
57 22.1 17.3 25.9



#20  
Methylene Chloride  
Concen: 137.933 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

Tgt Ion: 84 Resp: 90485  
Ion Ratio Lower Upper  
84 100  
49 133.4 103.6 155.4  
51 41.0 33.8 50.6  
86 64.8 49.4 74.0

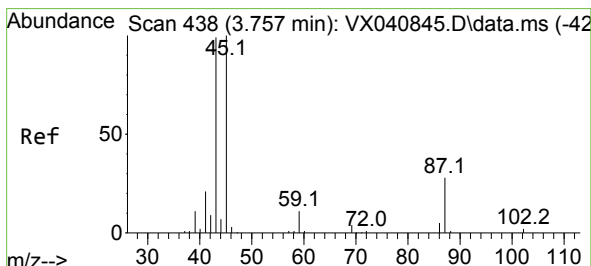
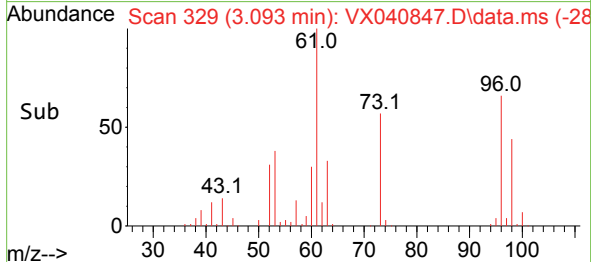
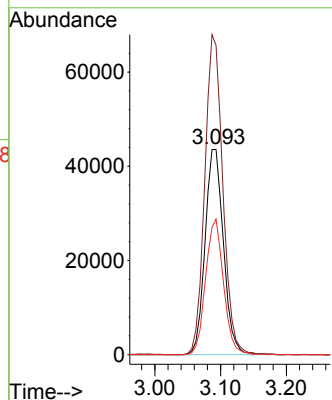
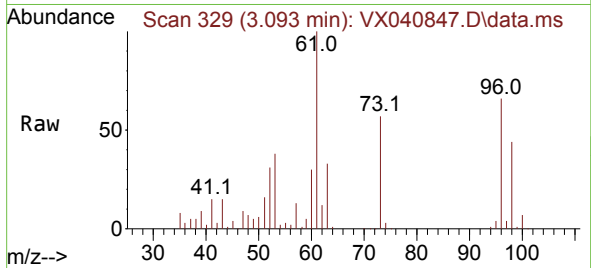




#21  
trans-1,2-Dichloroethene  
Concen: 141.397 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

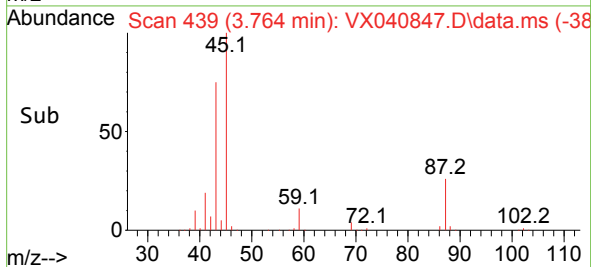
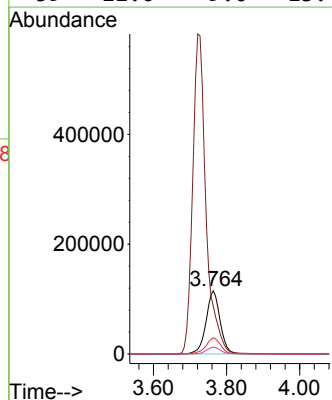
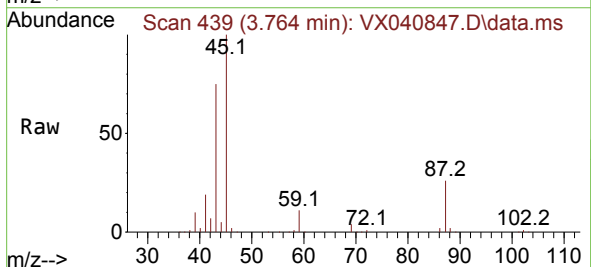
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

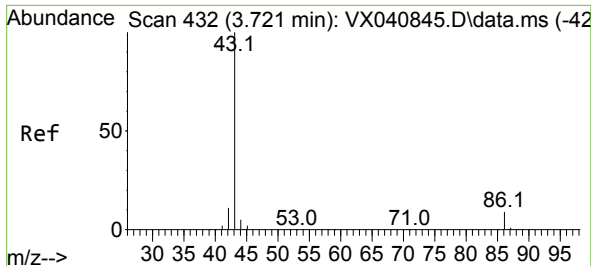
Tgt Ion: 96 Resp: 84892  
Ion Ratio Lower Upper  
96 100  
61 150.6 119.2 178.8  
98 66.0 48.7 73.1



#22  
Diisopropyl ether  
Concen: 154.748 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. 0.006 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

Tgt Ion: 45 Resp: 306655  
Ion Ratio Lower Upper  
45 100  
43 74.7 69.7 104.5  
87 25.6 20.8 31.2  
59 11.0 9.0 13.4

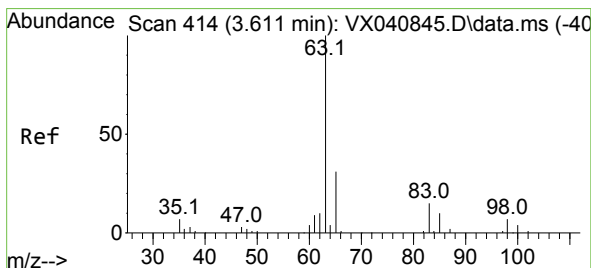
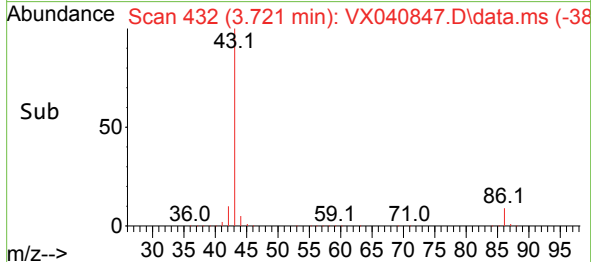
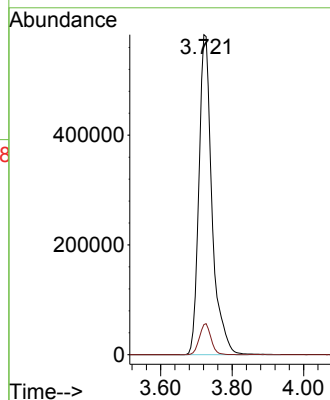
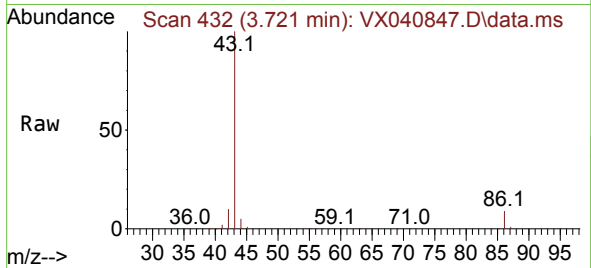




#23  
 Vinyl Acetate  
 Concen: 779.431 ug/l  
 RT: 3.721 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: VX040847.D  
 Acq: 01 Apr 2024 15:09

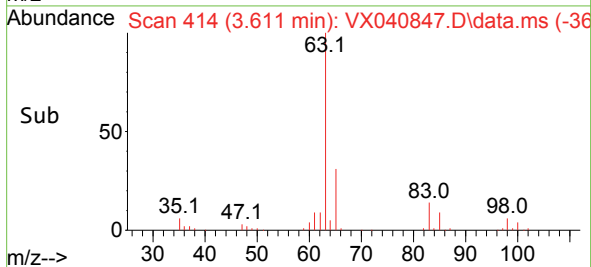
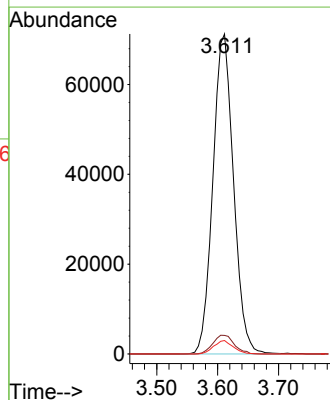
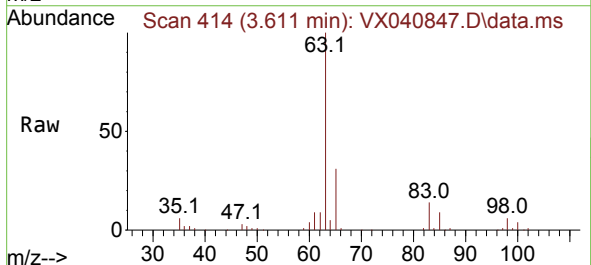
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

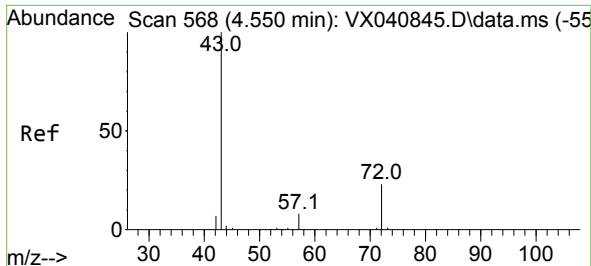
Tgt Ion: 43 Resp: 1480380  
 Ion Ratio Lower Upper  
 43 100  
 86 9.4 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 147.914 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: VX040847.D  
 Acq: 01 Apr 2024 15:09

Tgt Ion: 63 Resp: 167461  
 Ion Ratio Lower Upper  
 63 100  
 98 5.8 3.3 9.8  
 100 4.2 2.1 6.5

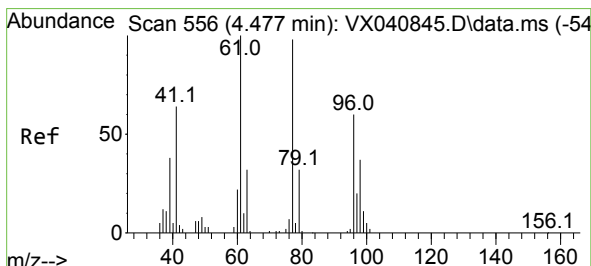
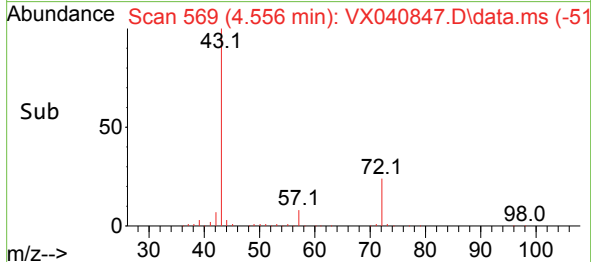
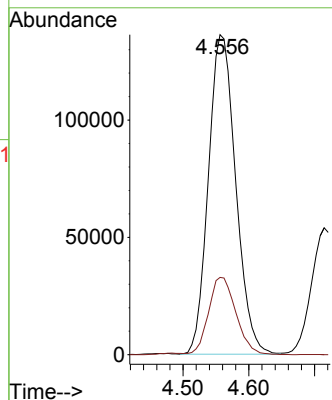
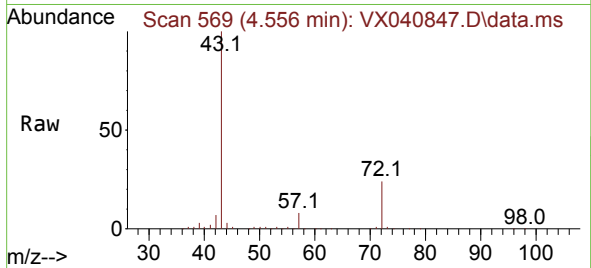




#25  
2-Butanone  
Concen: 748.274 ug/l  
RT: 4.556 min Scan# 569  
Delta R.T. 0.006 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

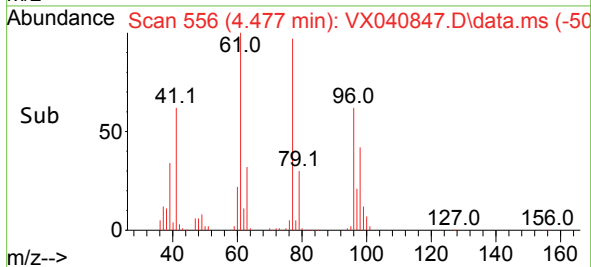
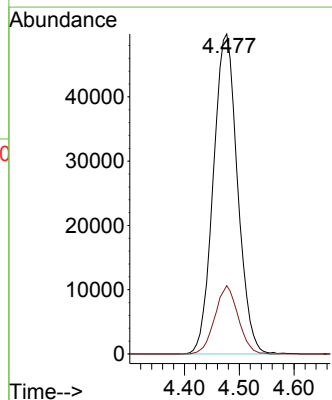
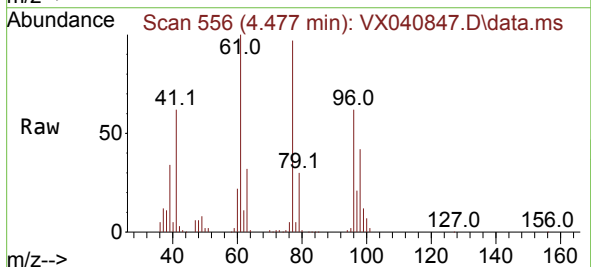
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

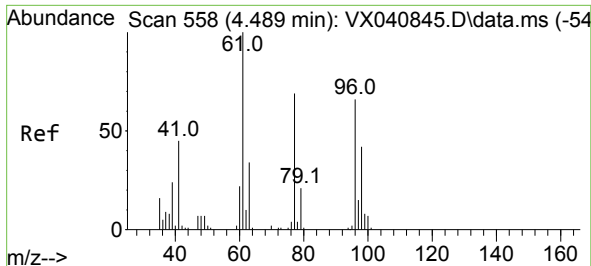
Tgt Ion: 43 Resp: 393476  
Ion Ratio Lower Upper  
43 100  
72 24.2 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 157.130 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

Tgt Ion: 77 Resp: 152730  
Ion Ratio Lower Upper  
77 100  
97 20.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 146.998 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX040847.D

Acq: 01 Apr 2024 15:09

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

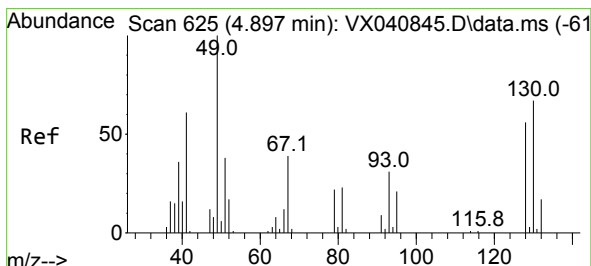
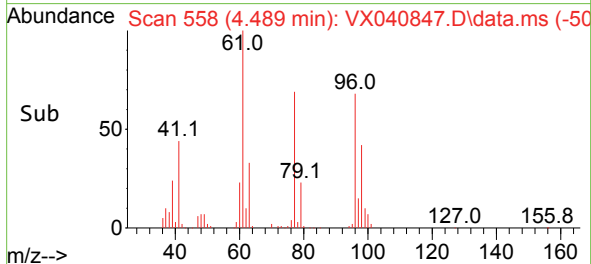
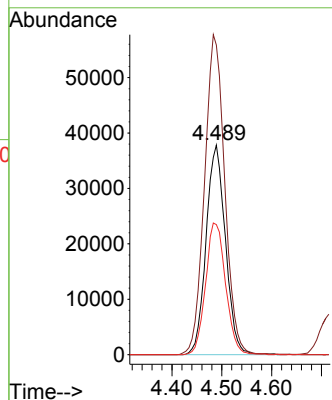
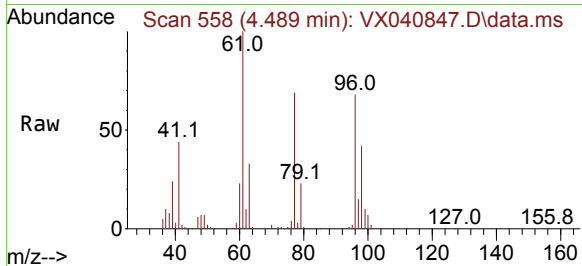
Tgt Ion: 96 Resp: 101913

Ion Ratio Lower Upper

96 100

61 159.2 0.0 312.2

98 65.0 0.0 129.0



#28

Bromochloromethane

Concen: 140.326 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX040847.D

Acq: 01 Apr 2024 15:09

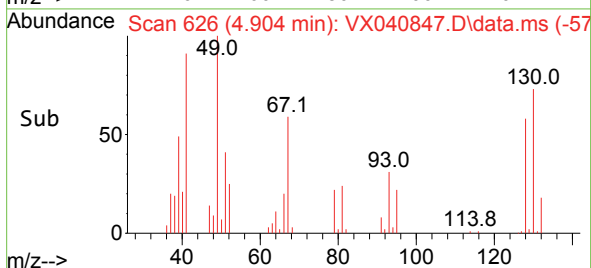
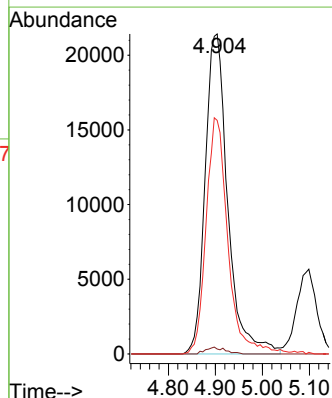
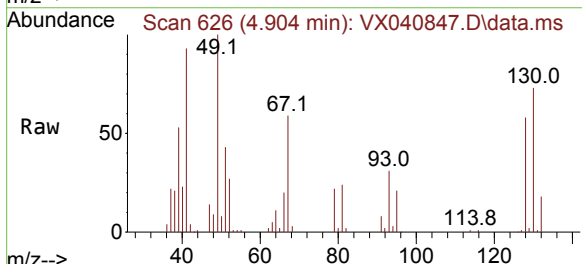
Tgt Ion: 49 Resp: 71434

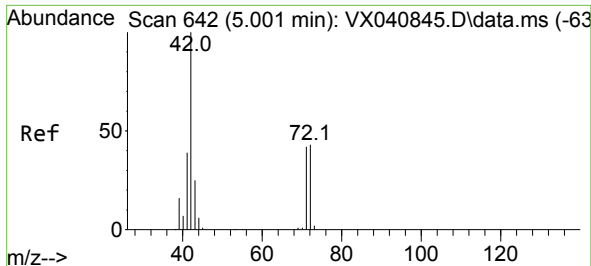
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 71.2 57.5 86.3





#29

Tetrahydrofuran

Concen: 760.129 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX040847.D

Acq: 01 Apr 2024 15:09

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

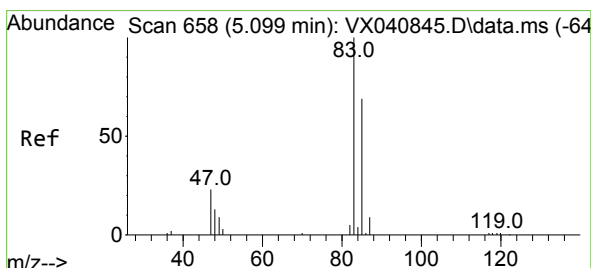
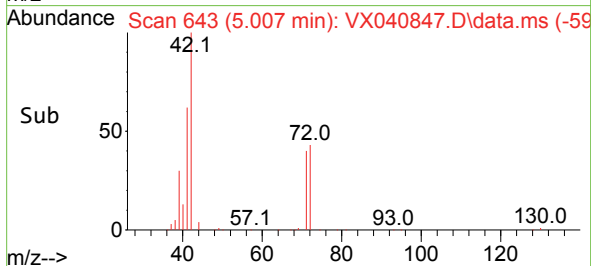
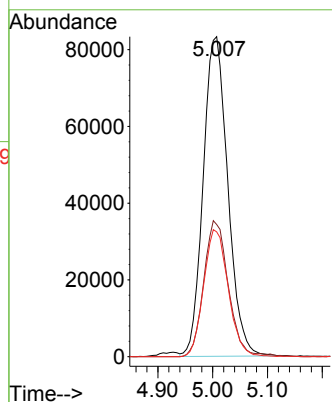
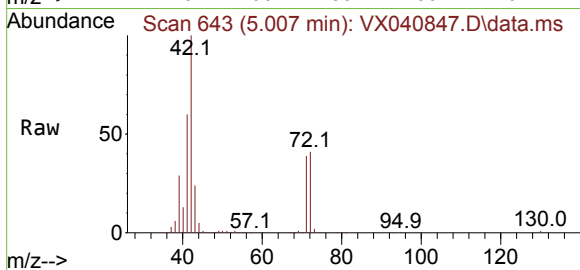
Tgt Ion: 42 Resp: 259800

Ion Ratio Lower Upper

42 100

72 42.6 34.2 51.4

71 39.7 32.2 48.2



#30

Chloroform

Concen: 147.749 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX040847.D

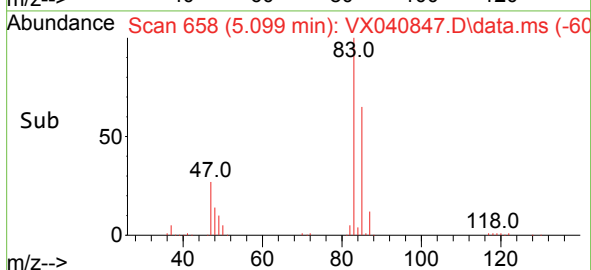
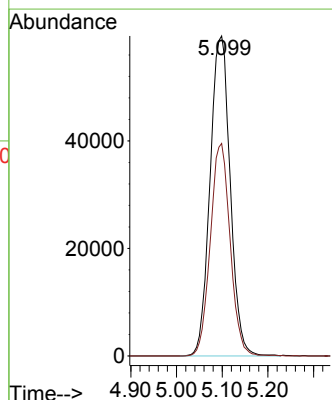
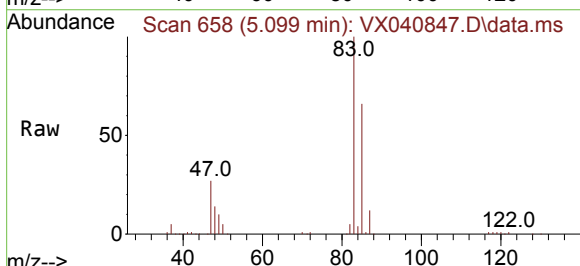
Acq: 01 Apr 2024 15:09

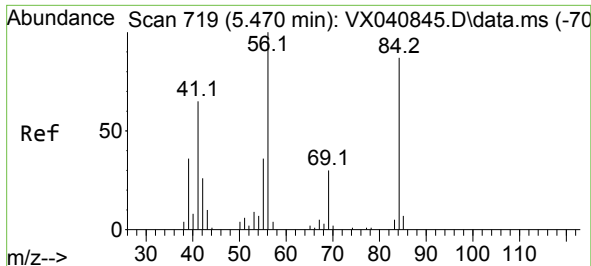
Tgt Ion: 83 Resp: 182069

Ion Ratio Lower Upper

83 100

85 66.4 50.3 75.5

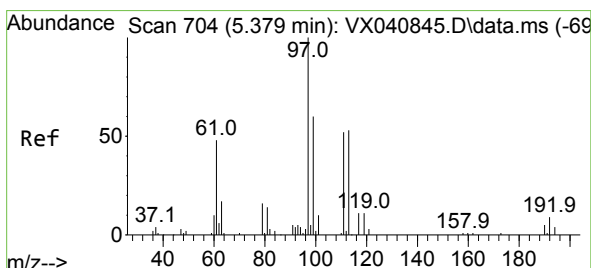
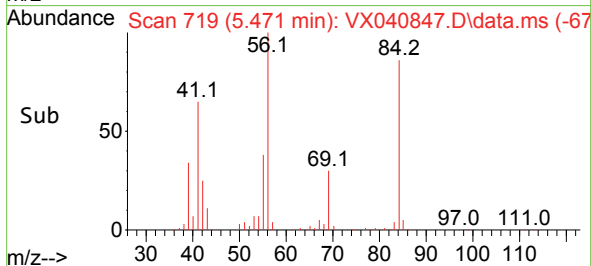
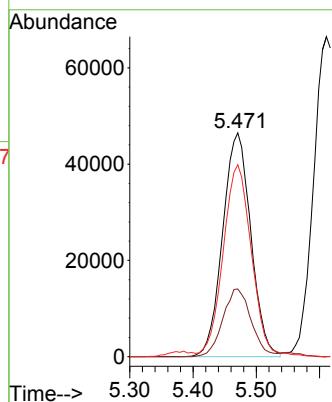
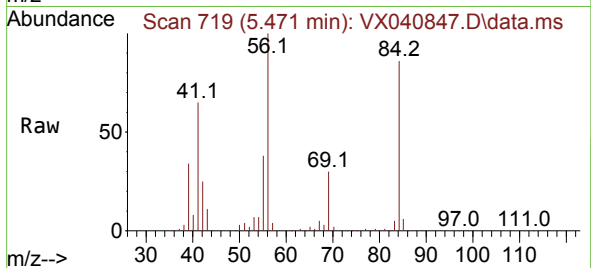




#31  
Cyclohexane  
Concen: 148.444 ug/l  
RT: 5.471 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

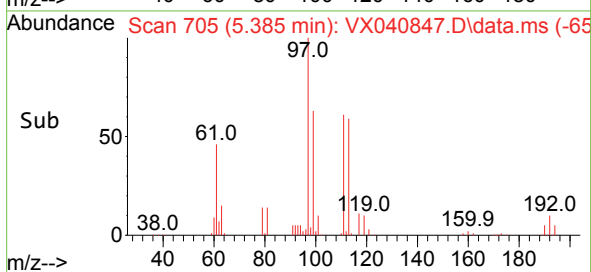
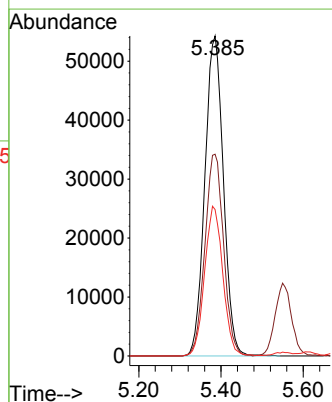
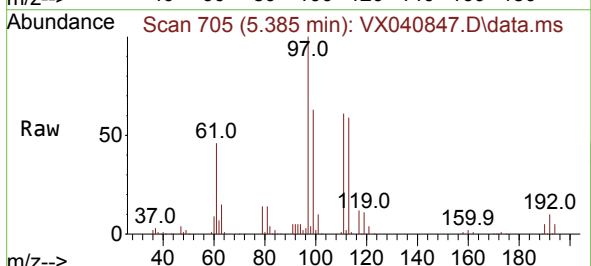
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

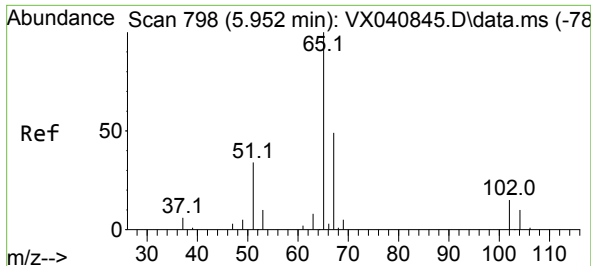
Tgt Ion: 56 Resp: 143606  
Ion Ratio Lower Upper  
56 100  
69 30.2 23.4 35.2  
84 84.1 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 155.174 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

Tgt Ion: 97 Resp: 169922  
Ion Ratio Lower Upper  
97 100  
99 63.5 51.1 76.7  
61 46.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 145.917 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX040847.D

Acq: 01 Apr 2024 15:09

Instrument :

MSVOA\_X

ClientSampleId :

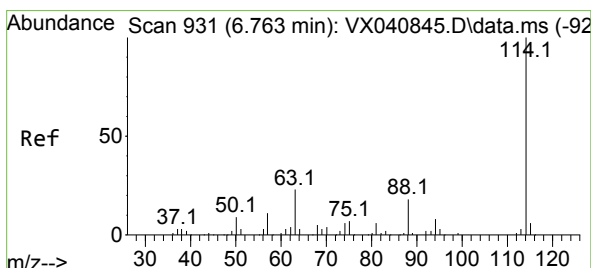
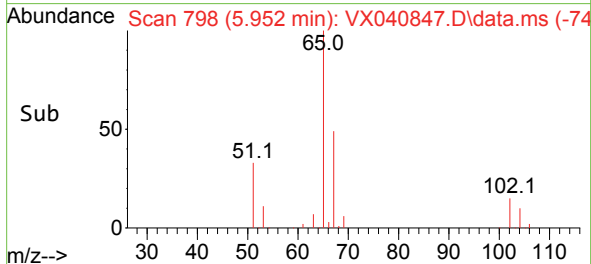
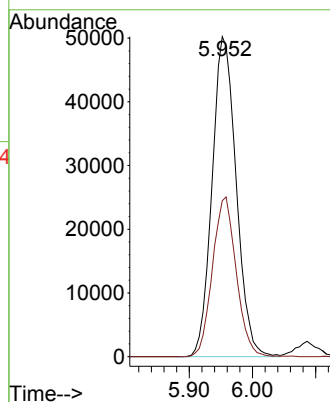
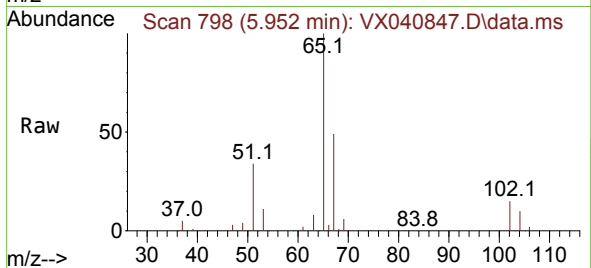
VSTDICC150

Tgt Ion: 65 Resp: 133026

Ion Ratio Lower Upper

65 100

67 49.0 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: VX040847.D

Acq: 01 Apr 2024 15:09

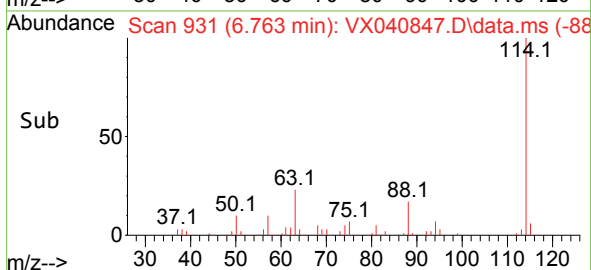
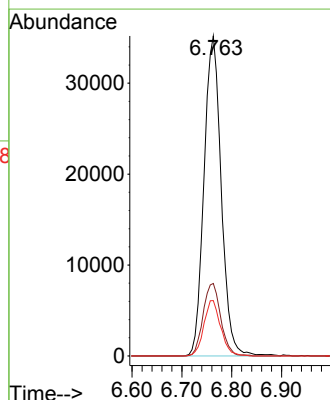
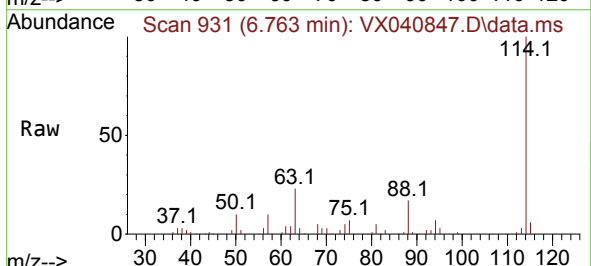
Tgt Ion: 114 Resp: 84552

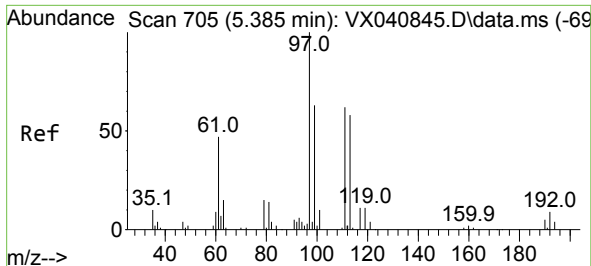
Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.0

88 17.3 0.0 36.6

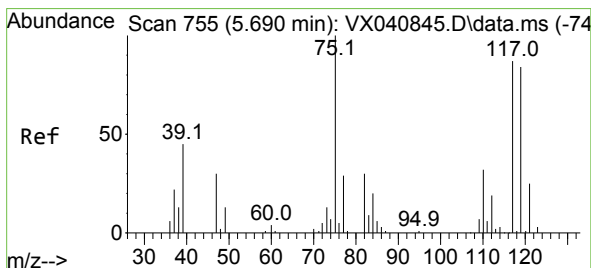
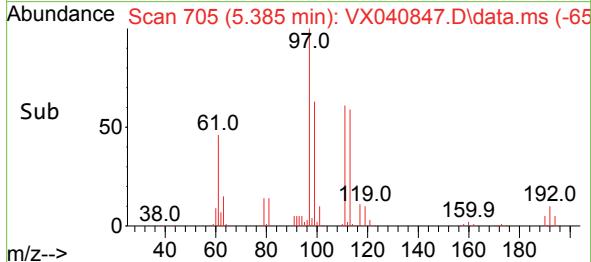
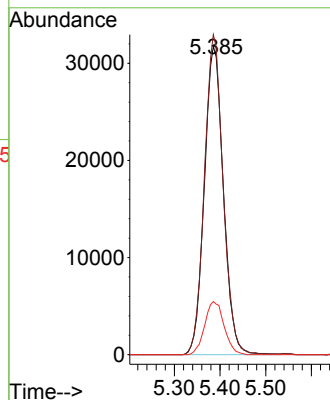
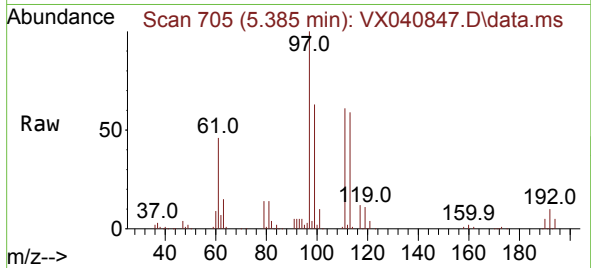




#35  
 Dibromofluoromethane  
 Concen: 153.475 ug/l  
 RT: 5.385 min Scan# 705  
 Delta R.T. 0.000 min  
 Lab File: VX040847.D  
 Acq: 01 Apr 2024 15:09

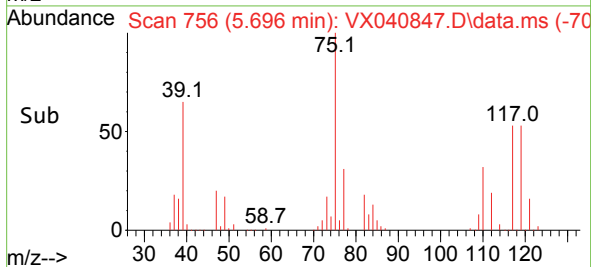
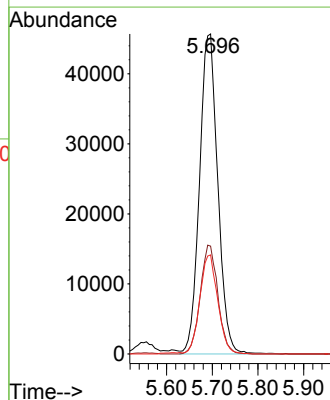
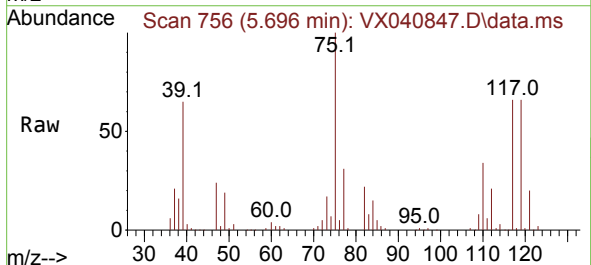
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

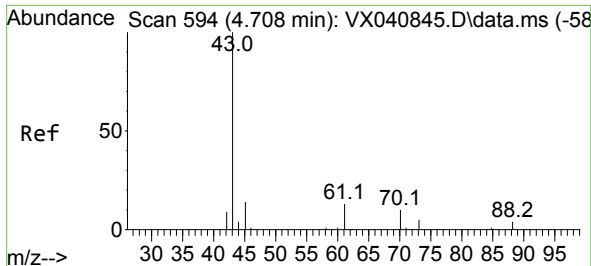
Tgt Ion:113 Resp: 91913  
 Ion Ratio Lower Upper  
 113 100  
 111 101.8 82.9 124.3  
 192 17.6 13.3 19.9



#36  
 1,1-Dichloropropene  
 Concen: 148.891 ug/l  
 RT: 5.696 min Scan# 756  
 Delta R.T. 0.006 min  
 Lab File: VX040847.D  
 Acq: 01 Apr 2024 15:09

Tgt Ion: 75 Resp: 126698  
 Ion Ratio Lower Upper  
 75 100  
 110 32.9 17.0 50.9  
 77 30.4 24.7 37.1





#37

Ethyl Acetate

Concen: 150.511 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX040847.D

Acq: 01 Apr 2024 15:09

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

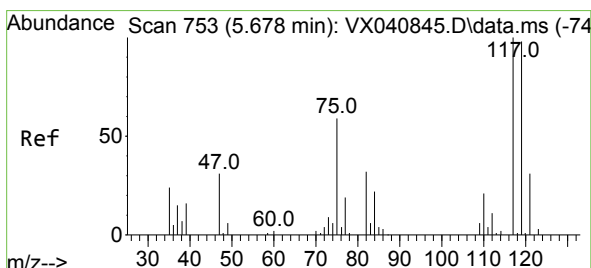
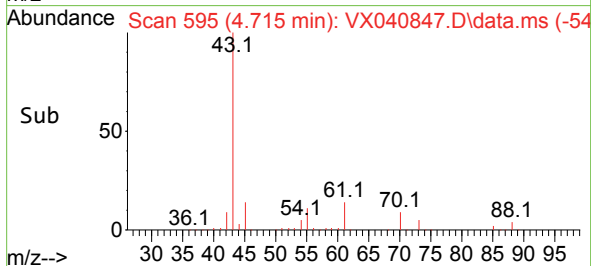
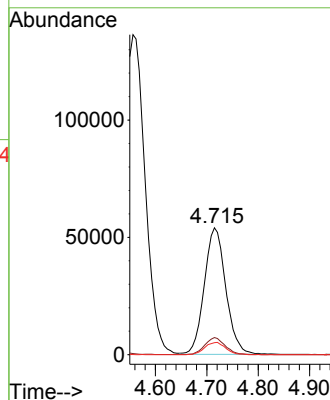
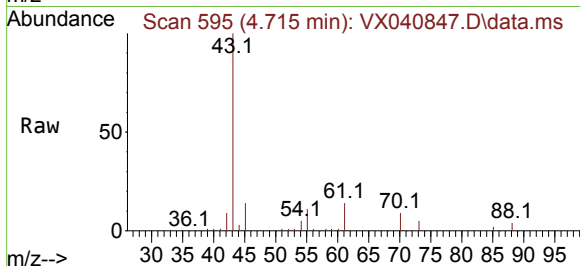
Tgt Ion: 43 Resp: 157271

Ion Ratio Lower Upper

43 100

61 12.8 10.6 16.0

70 9.4 8.3 12.5



#38

Carbon Tetrachloride

Concen: 154.791 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX040847.D

Acq: 01 Apr 2024 15:09

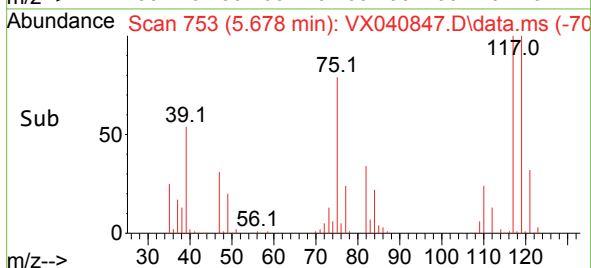
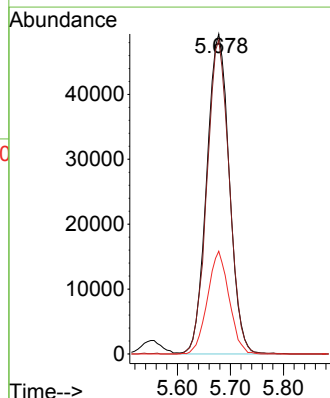
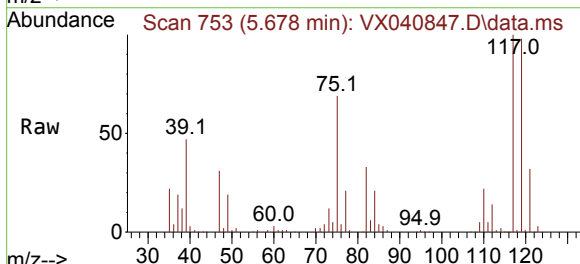
Tgt Ion: 117 Resp: 145818

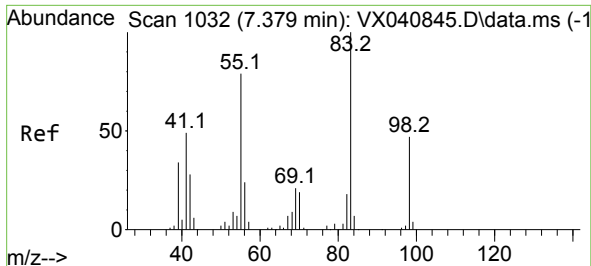
Ion Ratio Lower Upper

117 100

119 98.0 78.2 117.2

121 32.1 24.4 36.6

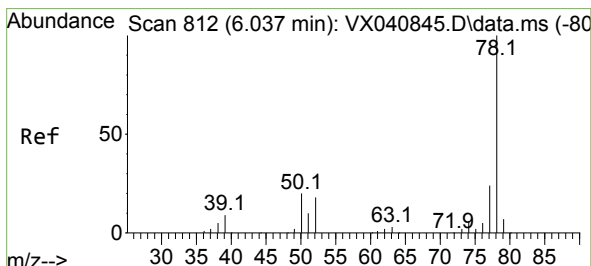
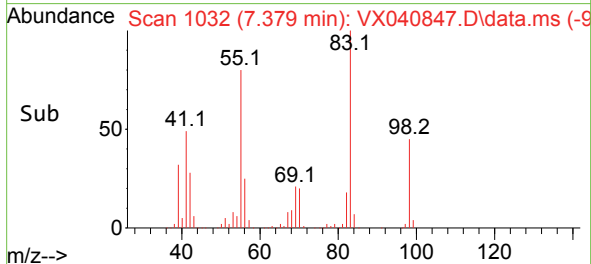
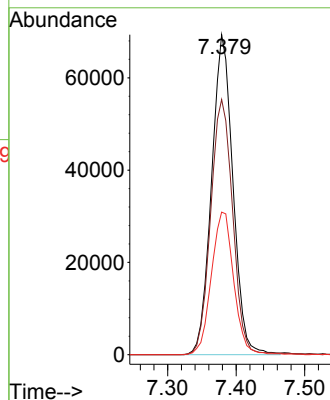
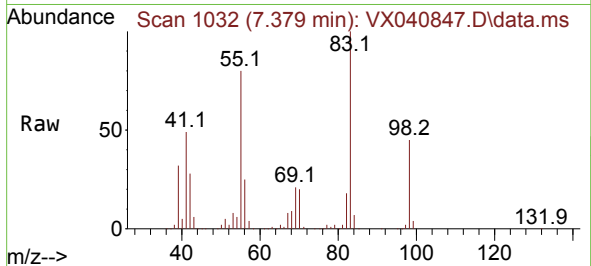




#39  
Methylcyclohexane  
Concen: 147.599 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

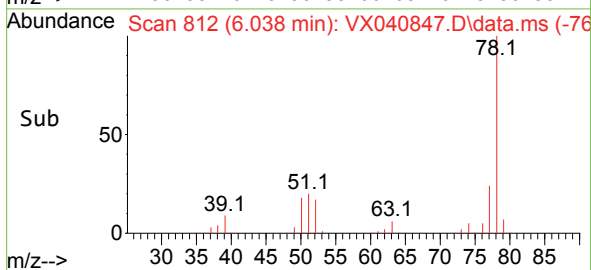
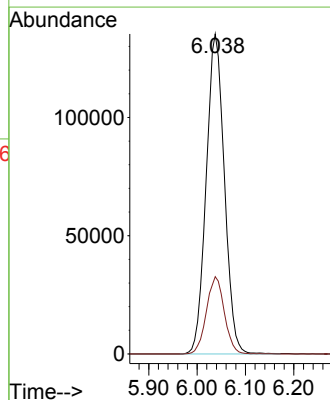
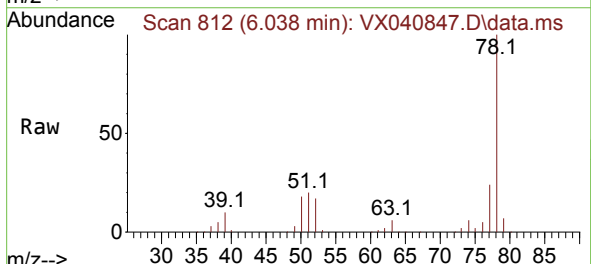
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC150

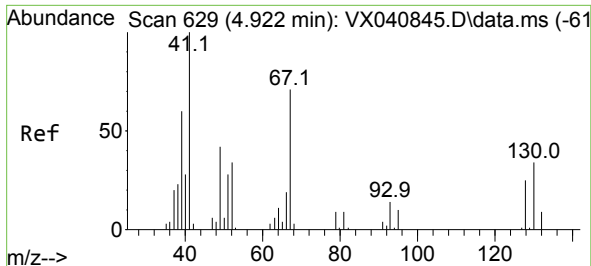
Tgt Ion: 83 Resp: 150070  
Ion Ratio Lower Upper  
83 100  
55 79.7 64.6 97.0  
98 44.6 36.7 55.1



#40  
Benzene  
Concen: 149.695 ug/l  
RT: 6.038 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

Tgt Ion: 78 Resp: 353548  
Ion Ratio Lower Upper  
78 100  
77 24.2 19.3 28.9

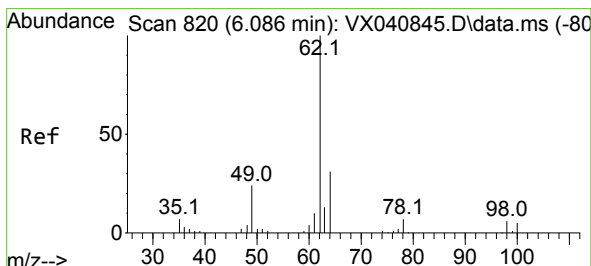
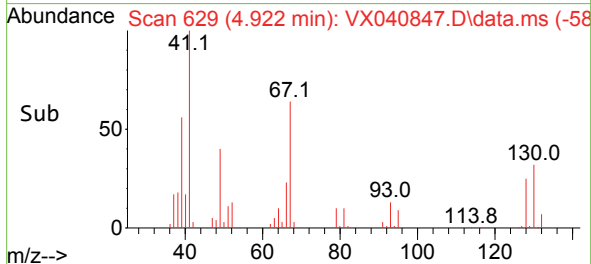
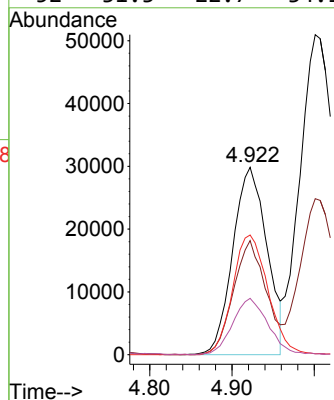
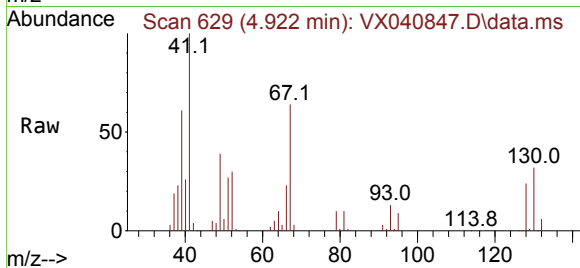




#41  
Methacrylonitrile  
Concen: 161.119 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

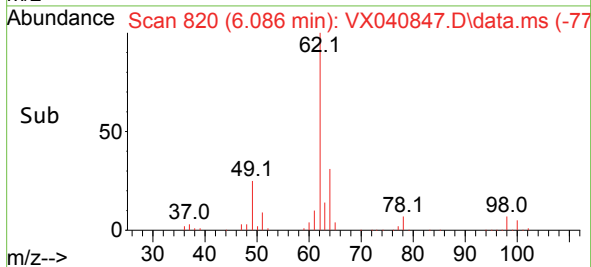
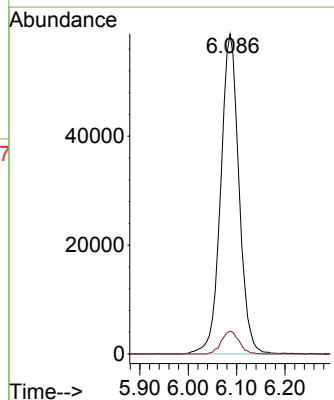
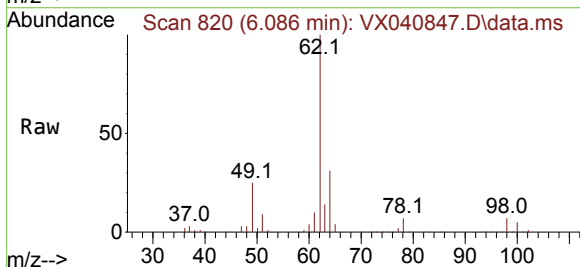
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

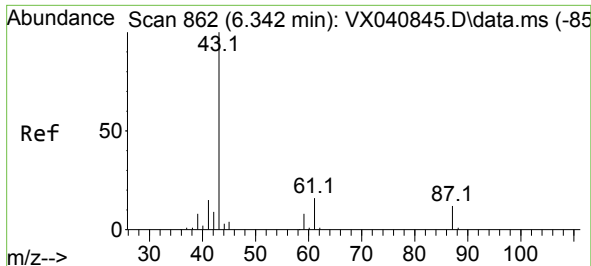
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 86461 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 58.0  | 45.2  | 67.8  |
| 67       | 66.2  | 52.6  | 78.8  |
| 52       | 31.3  | 22.7  | 34.1  |



#42  
1,2-Dichloroethane  
Concen: 150.391 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 154270 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 6.9   | 0.0   | 16.0   |

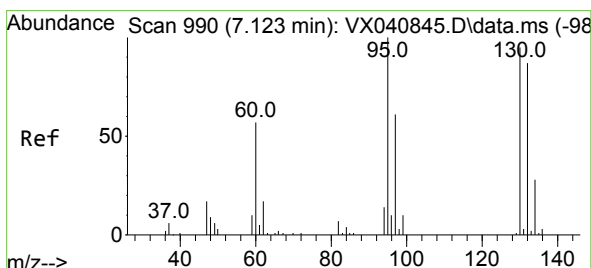
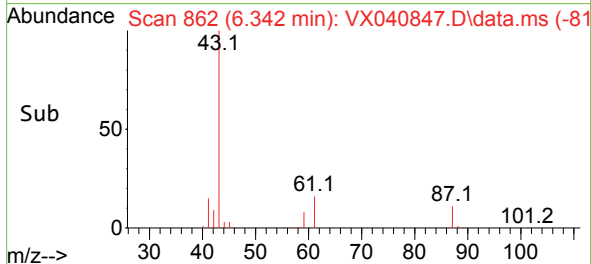
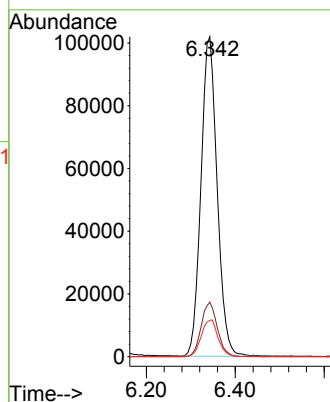
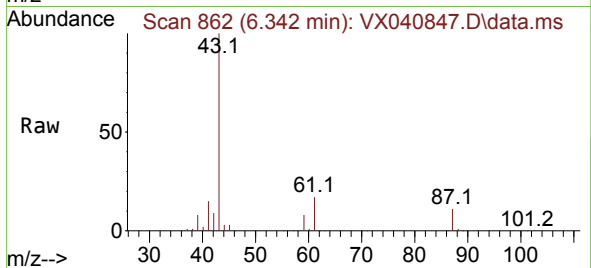




#43  
Isopropyl Acetate  
Concen: 159.997 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

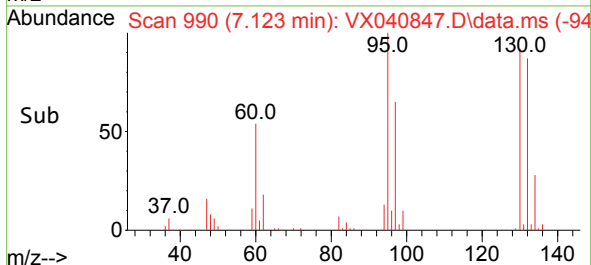
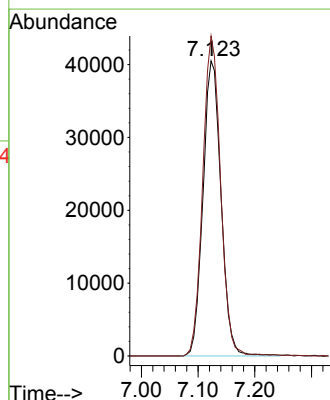
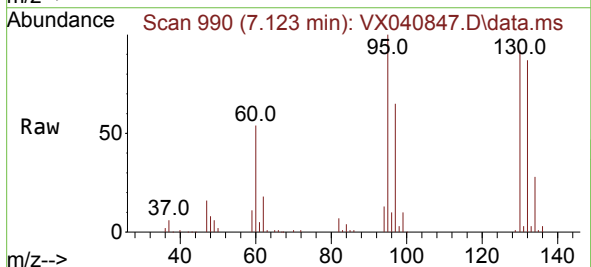
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

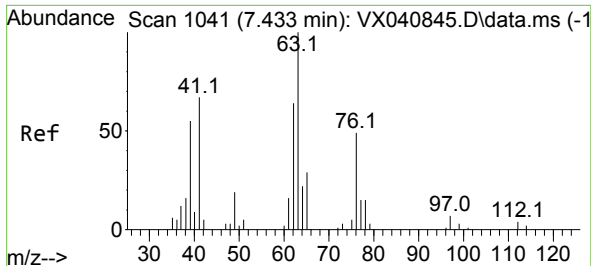
Tgt Ion: 43 Resp: 258187  
Ion Ratio Lower Upper  
43 100  
61 17.0 15.2 22.8  
87 12.0 9.8 14.6



#44  
Trichloroethene  
Concen: 151.859 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

Tgt Ion:130 Resp: 89577  
Ion Ratio Lower Upper  
130 100  
95 108.5 0.0 204.4

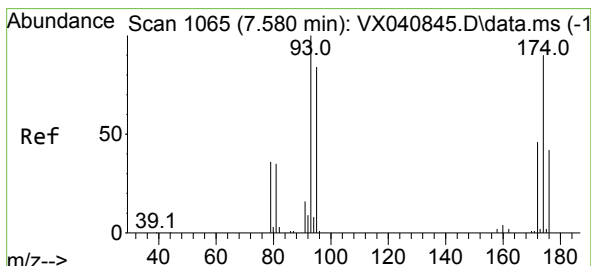
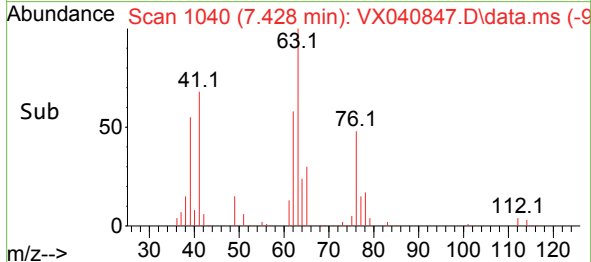
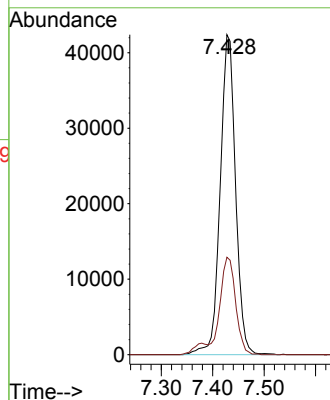
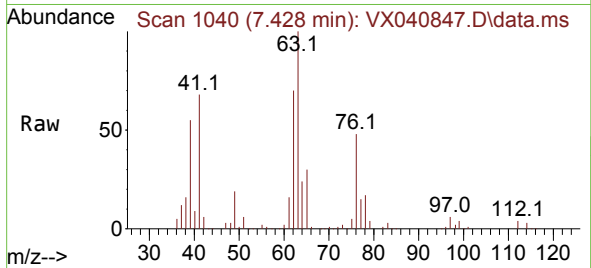




#45  
1,2-Dichloropropane  
Concen: 156.118 ug/l  
RT: 7.428 min Scan# 1040  
Delta R.T. -0.006 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

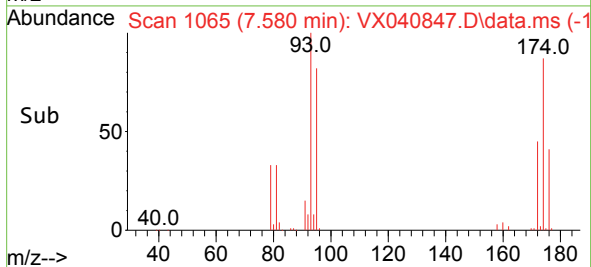
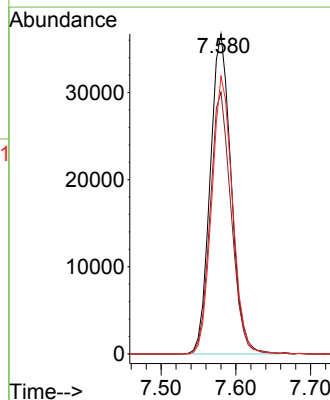
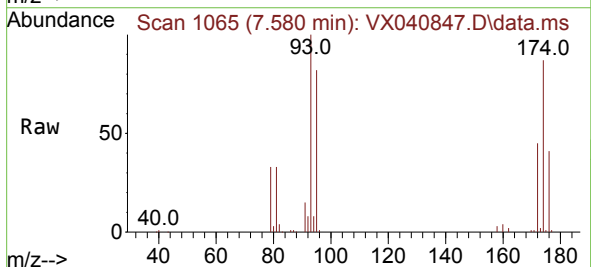
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

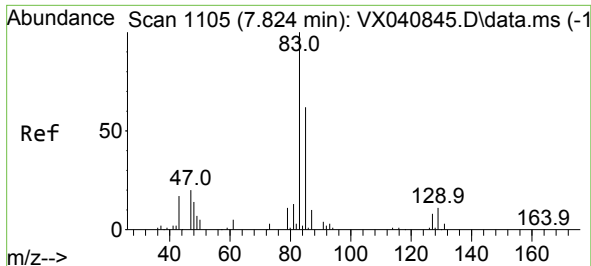
Tgt Ion: 63 Resp: 88021  
Ion Ratio Lower Upper  
63 100  
65 30.5 24.3 36.5



#46  
Dibromomethane  
Concen: 155.387 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

Tgt Ion: 93 Resp: 71807  
Ion Ratio Lower Upper  
93 100  
95 81.6 66.6 100.0  
174 86.0 69.4 104.0

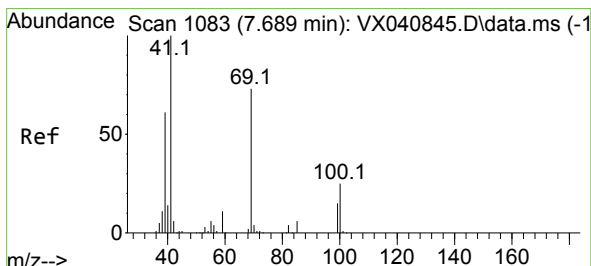
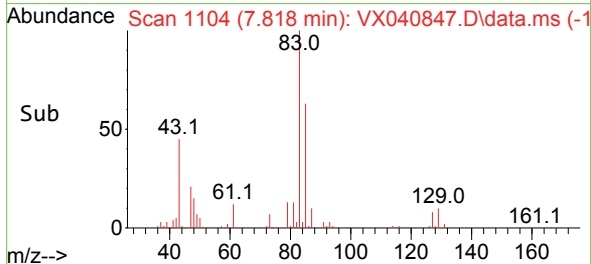
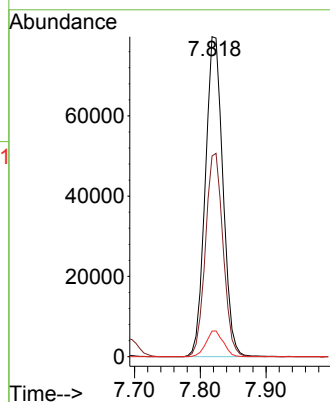
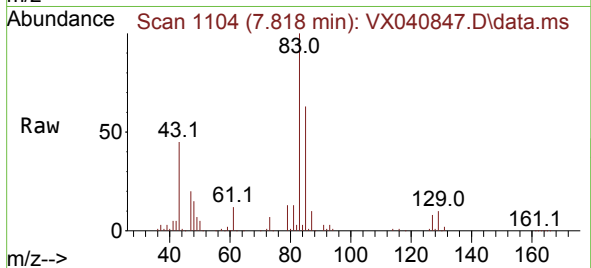




#47  
Bromodichloromethane  
Concen: 154.858 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

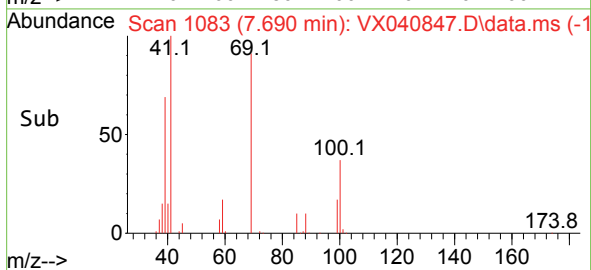
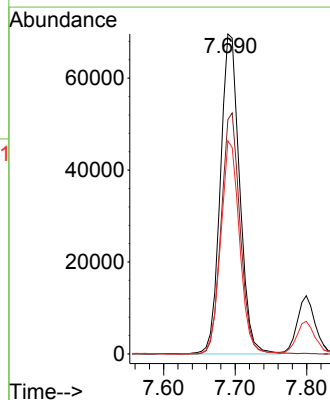
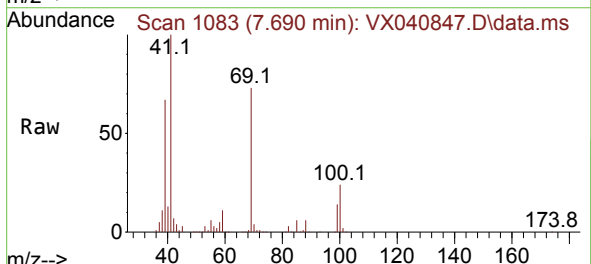
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

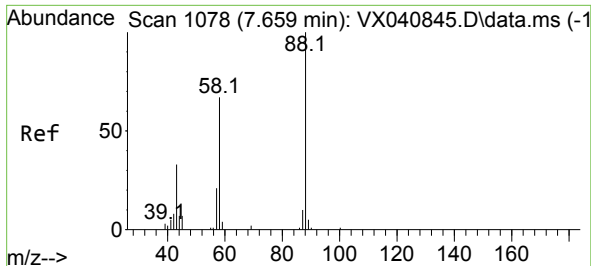
Tgt Ion: 83 Resp: 148894  
Ion Ratio Lower Upper  
83 100  
85 62.7 49.8 74.6  
127 8.0 7.1 10.7



#48  
Methyl methacrylate  
Concen: 164.608 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

Tgt Ion: 41 Resp: 130075  
Ion Ratio Lower Upper  
41 100  
69 74.2 59.2 88.8  
39 65.6 47.7 71.5

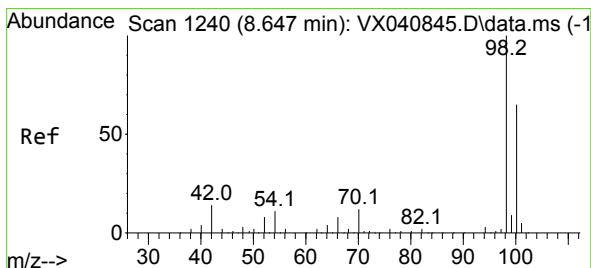
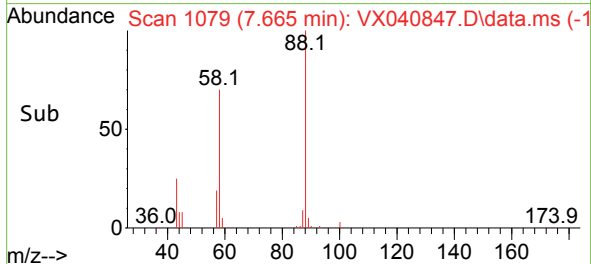
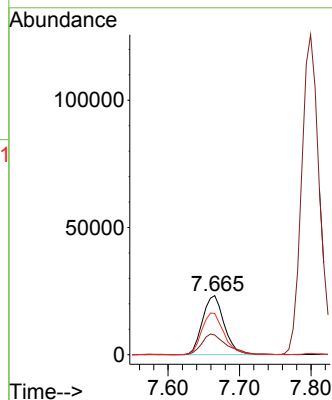
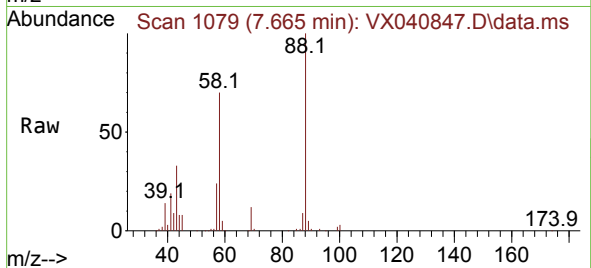




#49  
1,4-Dioxane  
Concen: 3251.781 ug/l  
RT: 7.665 min Scan# 1079  
Delta R.T. 0.006 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

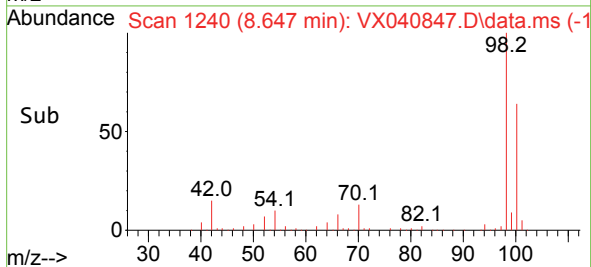
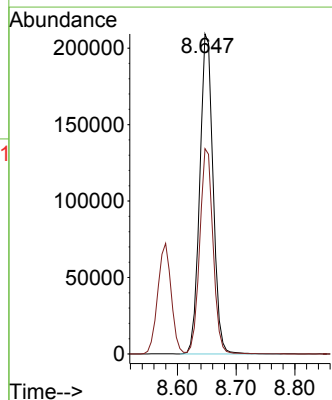
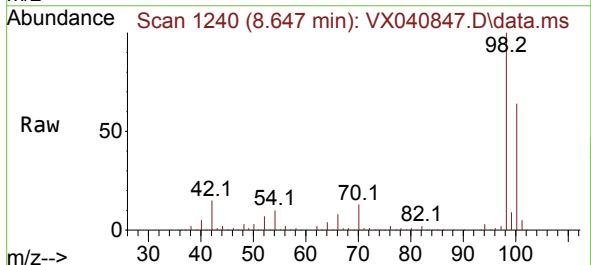
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

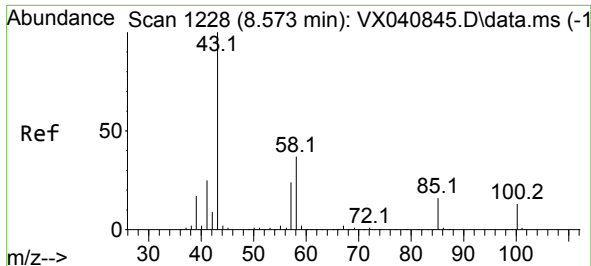
Tgt Ion: 88 Resp: 49035  
Ion Ratio Lower Upper  
88 100  
43 40.4 0.0 0.0#  
58 72.3 60.1 90.1



#50  
Toluene-d8  
Concen: 152.257 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

Tgt Ion: 98 Resp: 329491  
Ion Ratio Lower Upper  
98 100  
100 64.1 53.1 79.7

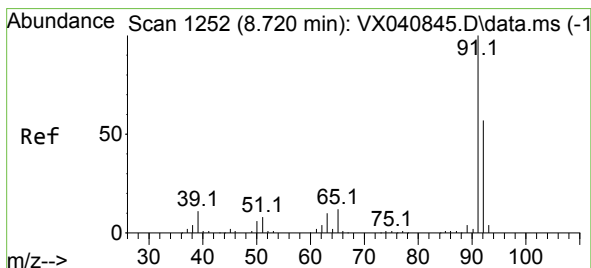
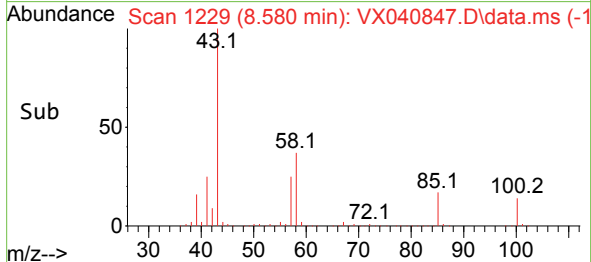
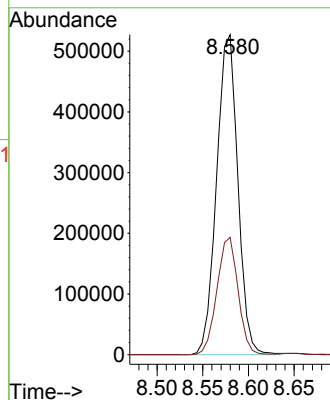
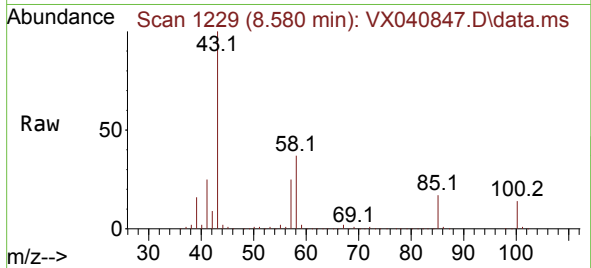




#51  
4-Methyl-2-Pentanone  
Concen: 797.594 ug/l  
RT: 8.580 min Scan# 1229  
Delta R.T. 0.006 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

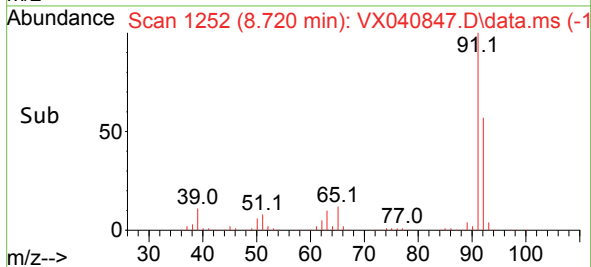
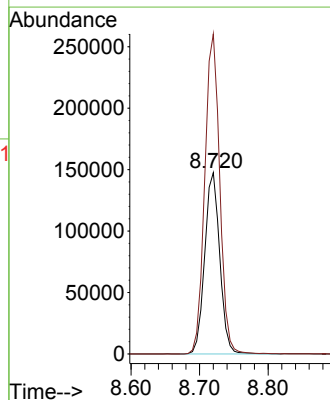
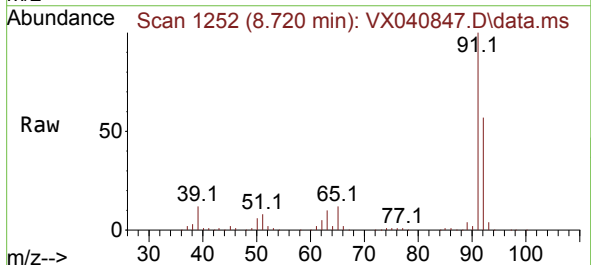
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

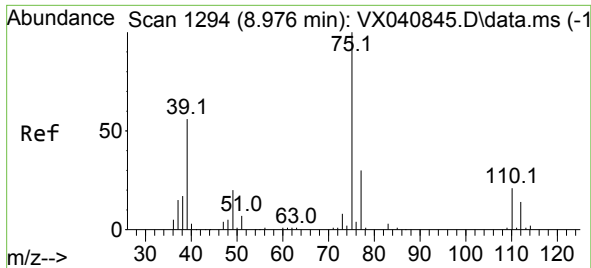
Tgt Ion: 43 Resp: 853731  
Ion Ratio Lower Upper  
43 100  
58 36.5 30.4 45.6



#52  
Toluene  
Concen: 151.356 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

Tgt Ion: 92 Resp: 225559  
Ion Ratio Lower Upper  
92 100  
91 176.0 134.2 201.2

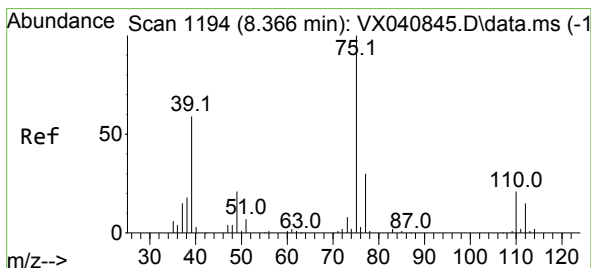
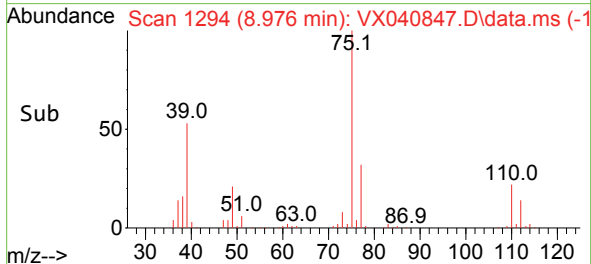
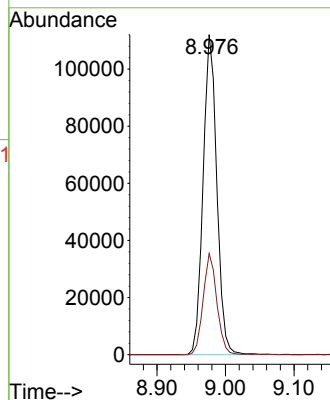
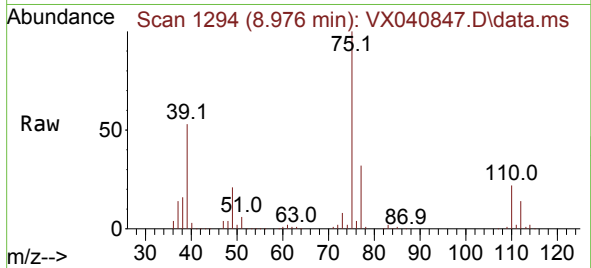




#53  
 t-1,3-Dichloropropene  
 Concen: 149.827 ug/l  
 RT: 8.976 min Scan# 1294  
 Delta R.T. 0.000 min  
 Lab File: VX040847.D  
 Acq: 01 Apr 2024 15:09

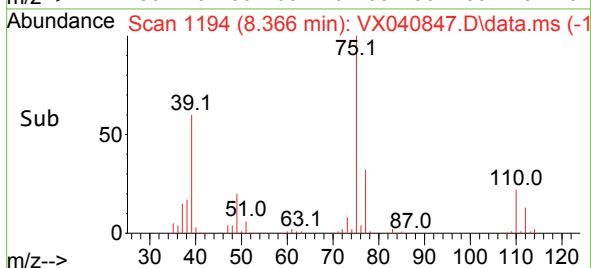
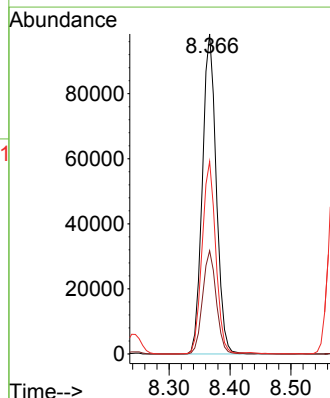
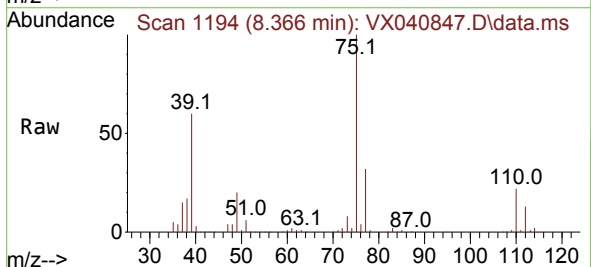
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

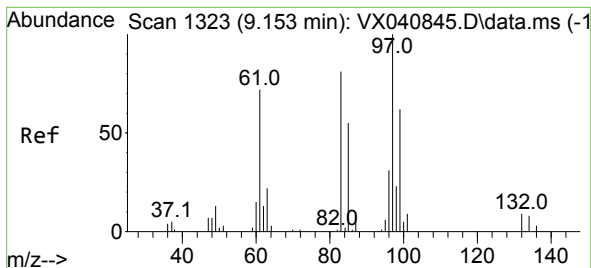
Tgt Ion: 75 Resp: 156287  
 Ion Ratio Lower Upper  
 75 100  
 77 31.6 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 163.388 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. 0.000 min  
 Lab File: VX040847.D  
 Acq: 01 Apr 2024 15:09

Tgt Ion: 75 Resp: 155768  
 Ion Ratio Lower Upper  
 75 100  
 77 32.3 25.3 37.9  
 39 60.1 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 154.601 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX040847.D

Acq: 01 Apr 2024 15:09

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 89912

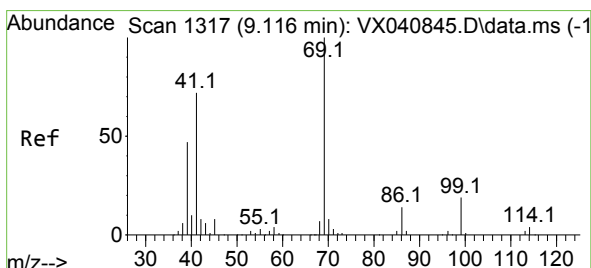
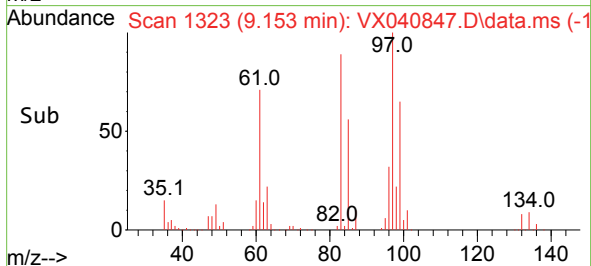
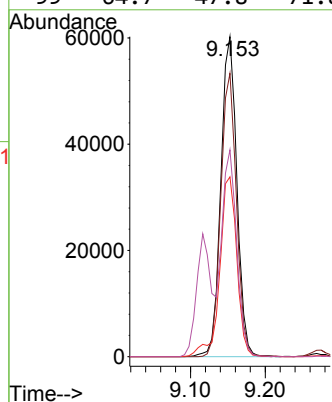
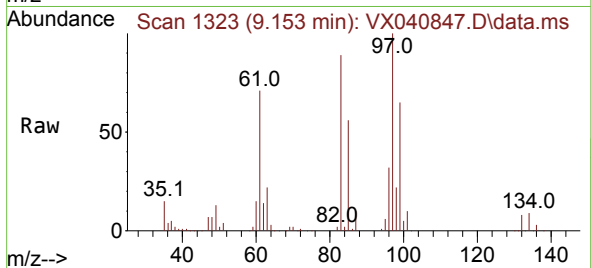
Ion Ratio Lower Upper

97 100

83 88.6 65.8 98.8

85 56.2 41.6 62.4

99 64.7 47.8 71.8



#56

Ethyl methacrylate

Concen: 166.917 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX040847.D

Acq: 01 Apr 2024 15:09

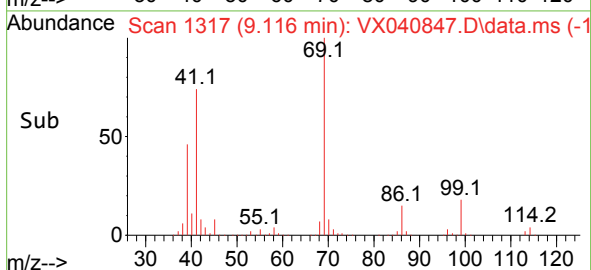
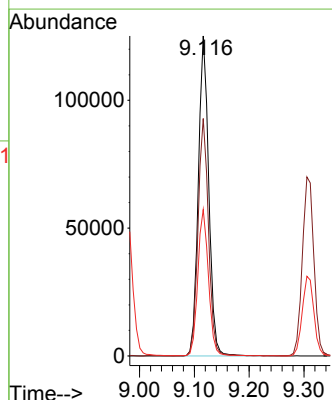
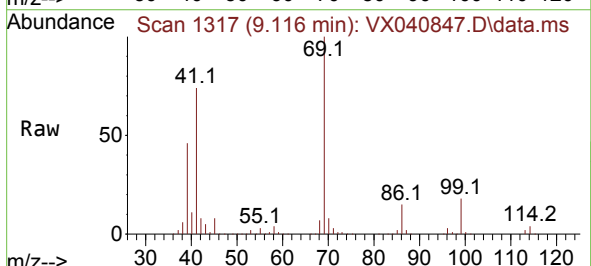
Tgt Ion: 69 Resp: 166692

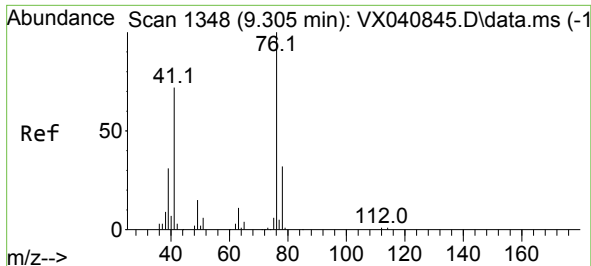
Ion Ratio Lower Upper

69 100

41 74.8 56.8 85.2

39 46.9 32.0 48.0





#57

1,3-Dichloropropane

Concen: 151.185 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040847.D

Acq: 01 Apr 2024 15:09

Instrument :

MSVOA\_X

ClientSampleId :

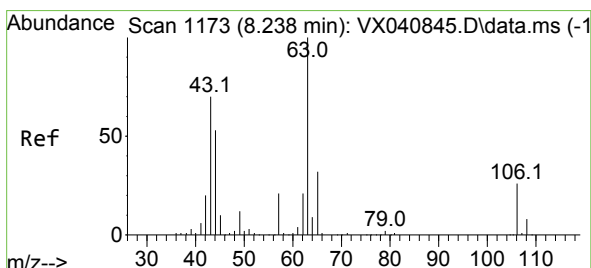
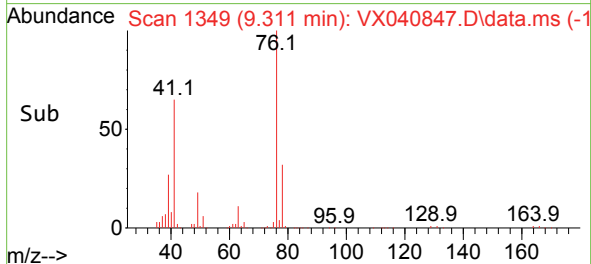
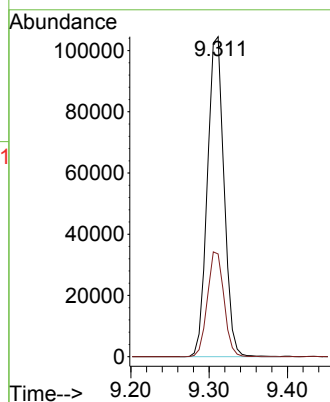
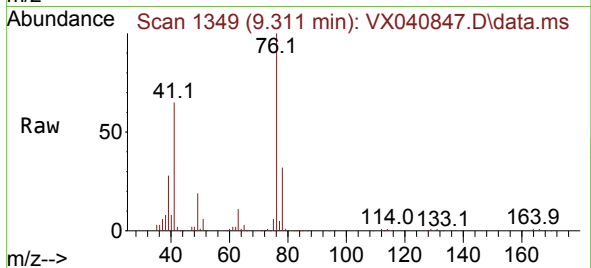
VSTDIC150

Tgt Ion: 76 Resp: 153775

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 789.270 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX040847.D

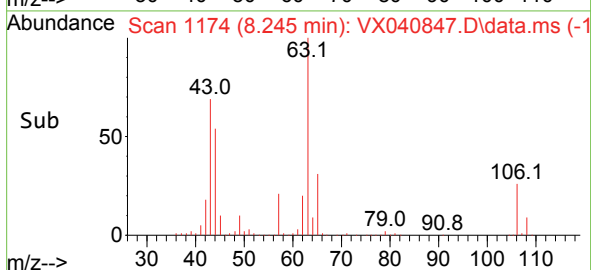
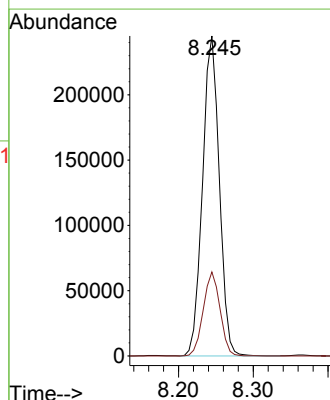
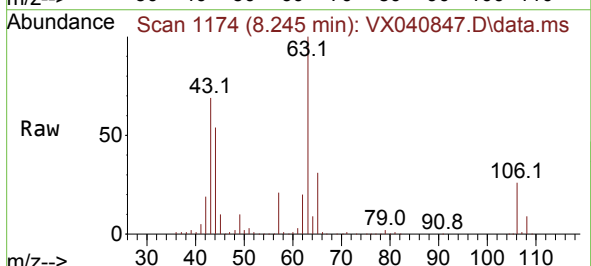
Acq: 01 Apr 2024 15:09

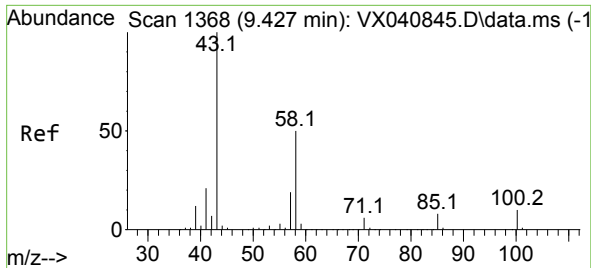
Tgt Ion: 63 Resp: 382110

Ion Ratio Lower Upper

63 100

106 26.2 22.5 33.7

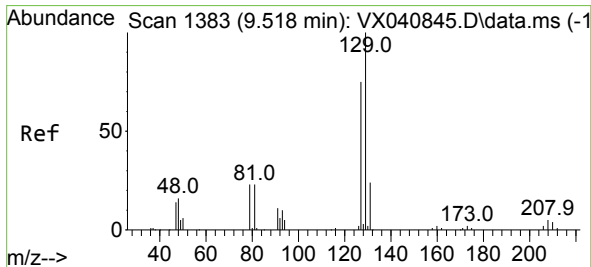
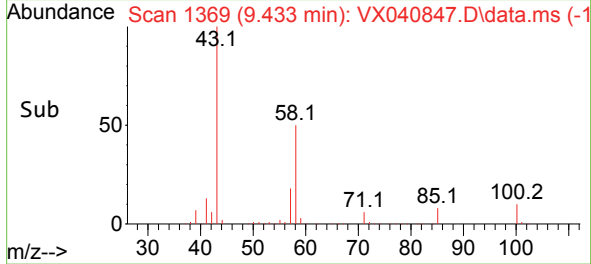
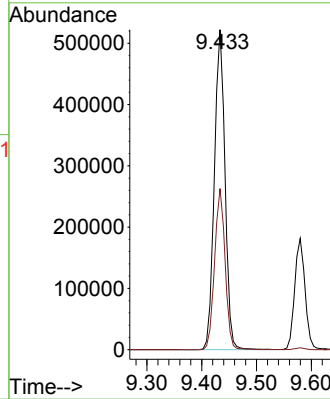
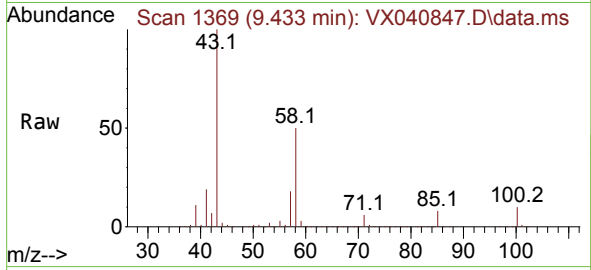




#59  
2-Hexanone  
Concen: 816.939 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.006 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

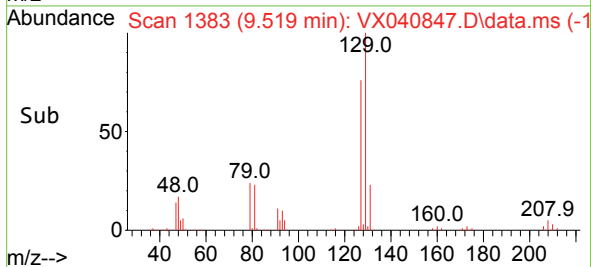
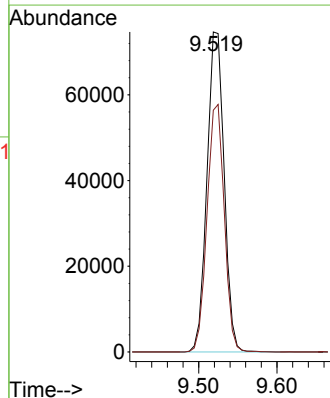
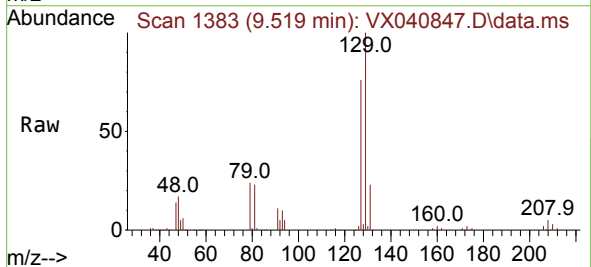
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

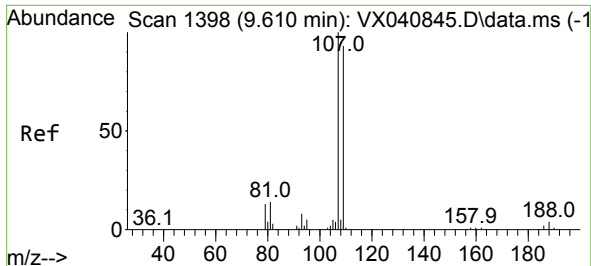
Tgt Ion: 43 Resp: 701301  
Ion Ratio Lower Upper  
43 100  
58 49.8 26.2 78.5



#60  
Dibromochloromethane  
Concen: 163.445 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

Tgt Ion: 129 Resp: 113476  
Ion Ratio Lower Upper  
129 100  
127 77.6 38.8 116.4

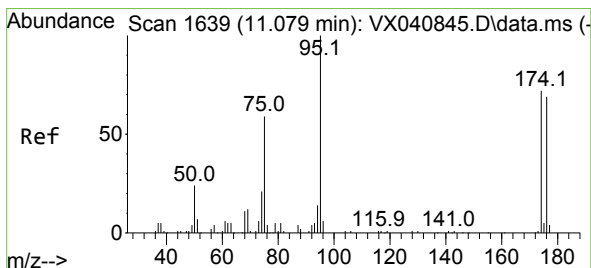
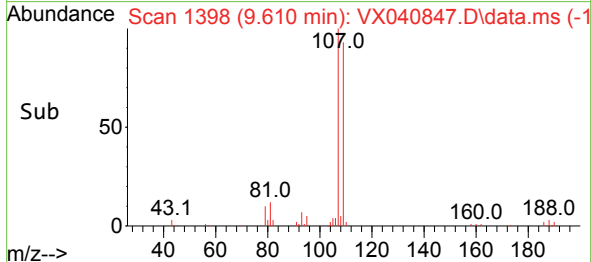
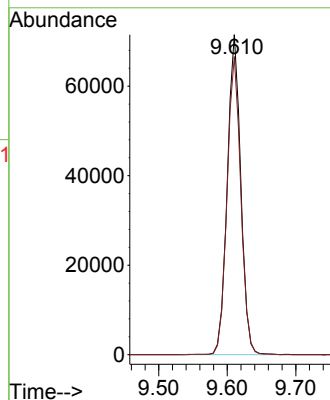
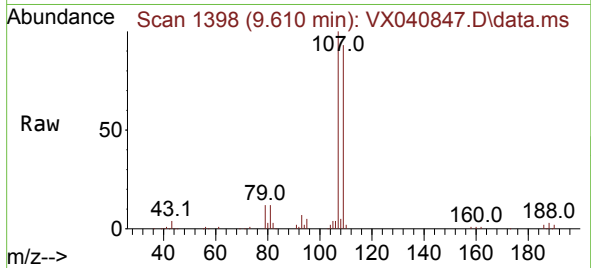




#61  
1,2-Dibromoethane  
Concen: 155.356 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

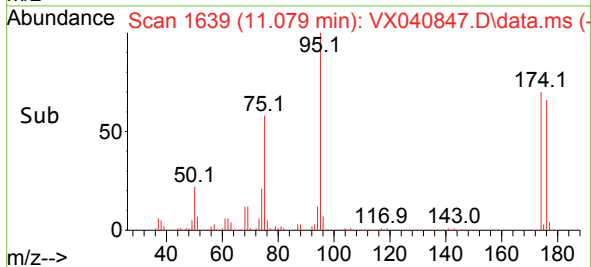
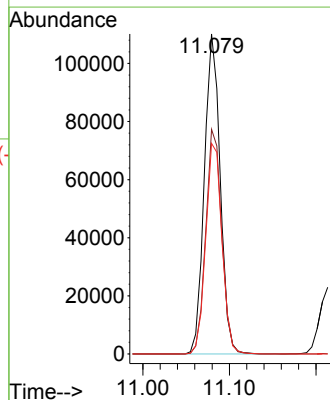
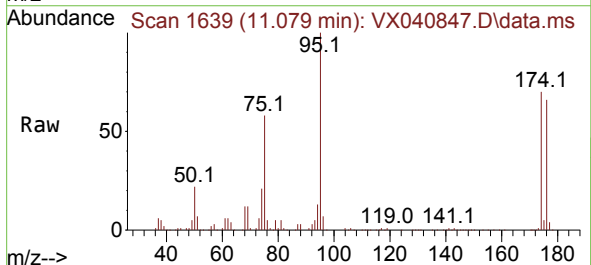
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

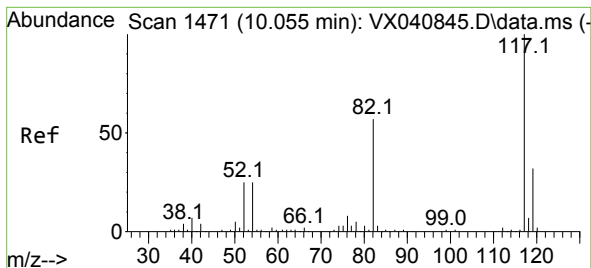
Tgt Ion:107 Resp: 97479  
Ion Ratio Lower Upper  
107 100  
109 94.8 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 161.796 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

Tgt Ion: 95 Resp: 139824  
Ion Ratio Lower Upper  
95 100  
174 70.7 0.0 135.6  
176 67.5 0.0 131.0

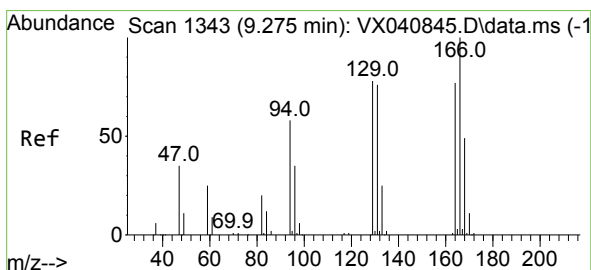
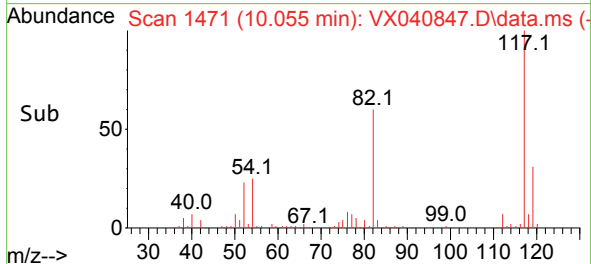
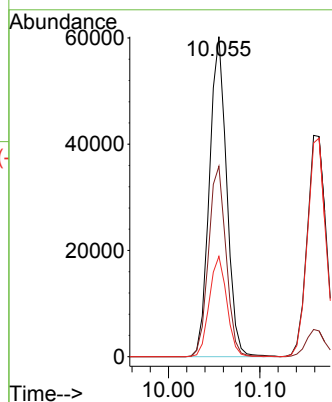
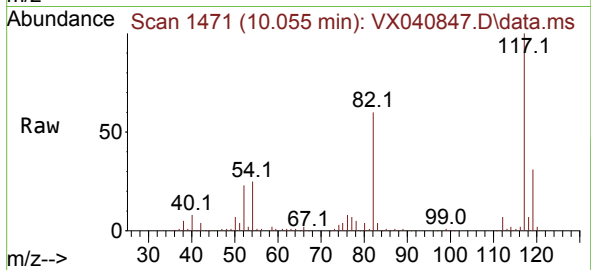




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

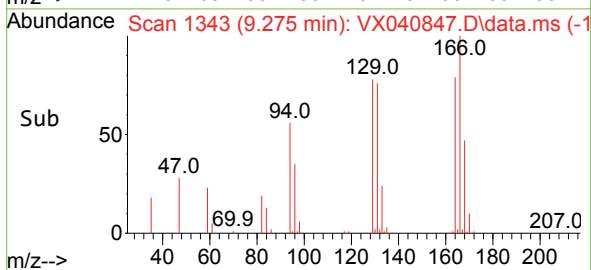
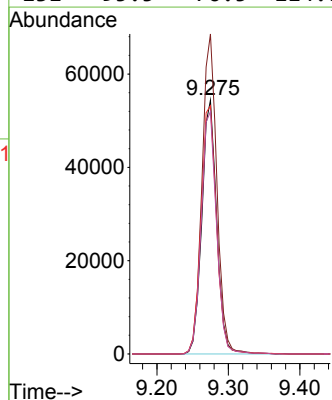
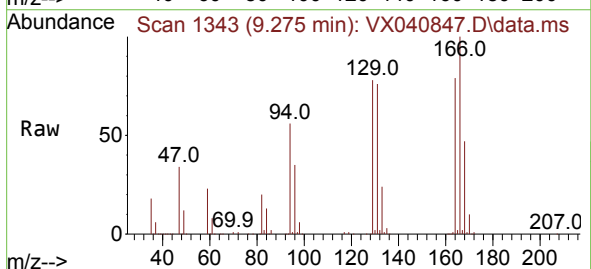
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

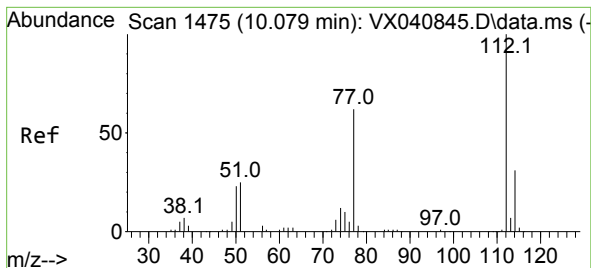
Tgt Ion:117 Resp: 78934  
Ion Ratio Lower Upper  
117 100  
82 59.5 46.2 69.4  
119 31.3 25.5 38.3



#64  
Tetrachloroethene  
Concen: 150.092 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

Tgt Ion:164 Resp: 78401  
Ion Ratio Lower Upper  
164 100  
166 126.1 102.7 154.1  
129 97.8 80.4 120.6  
131 95.5 76.5 114.7





#65

Chlorobenzene

Concen: 148.843 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX040847.D

Acq: 01 Apr 2024 15:09

Instrument :

MSVOA\_X

ClientSampleId :

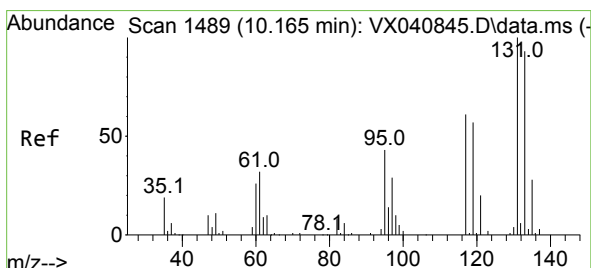
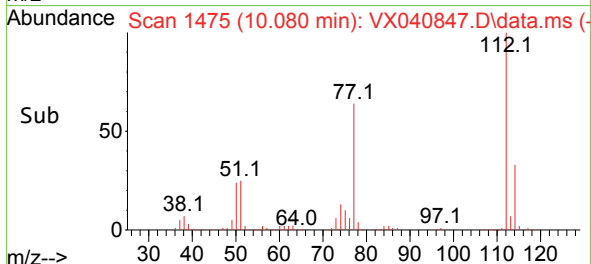
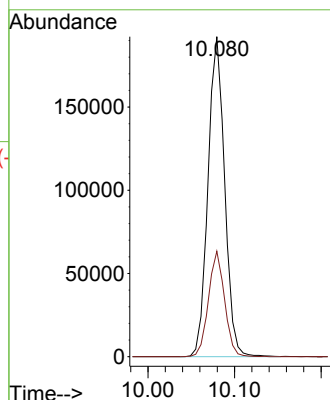
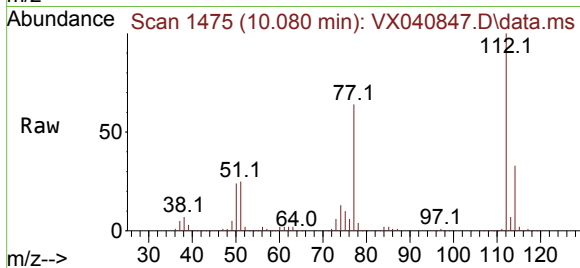
VSTDIC150

Tgt Ion:112 Resp: 256948

Ion Ratio Lower Upper

112 100

114 33.0 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 158.447 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VX040847.D

Acq: 01 Apr 2024 15:09

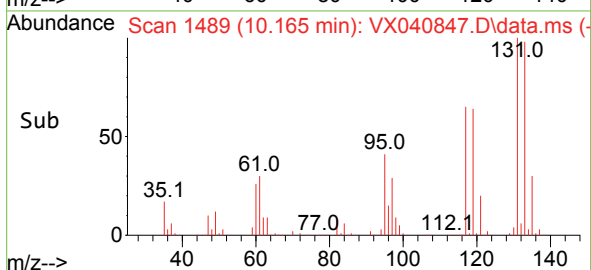
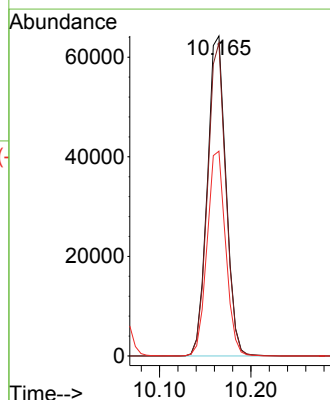
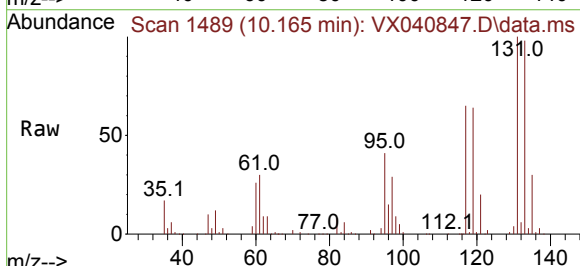
Tgt Ion:131 Resp: 90791

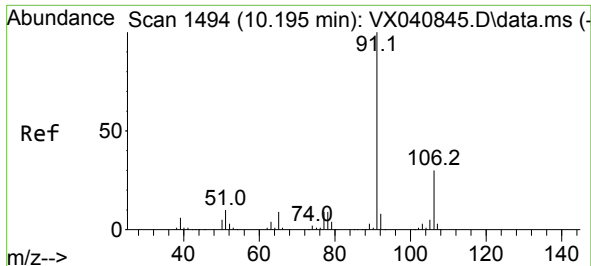
Ion Ratio Lower Upper

131 100

133 95.9 47.1 141.4

119 63.7 32.2 96.6





#67

Ethyl Benzene

Concen: 151.362 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX040847.D

Acq: 01 Apr 2024 15:09

Instrument :

MSVOA\_X

ClientSampleId :

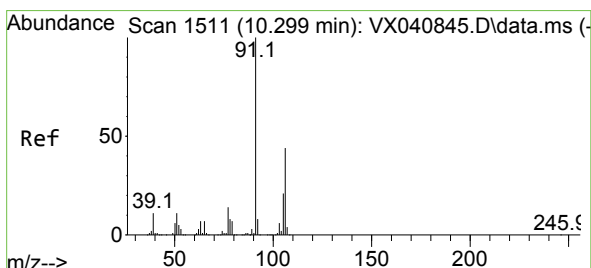
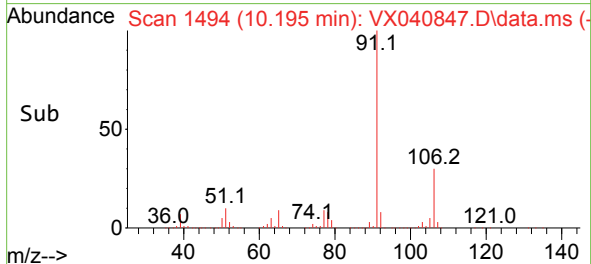
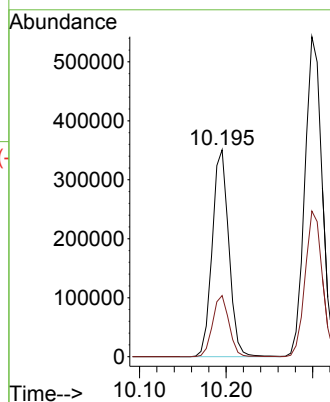
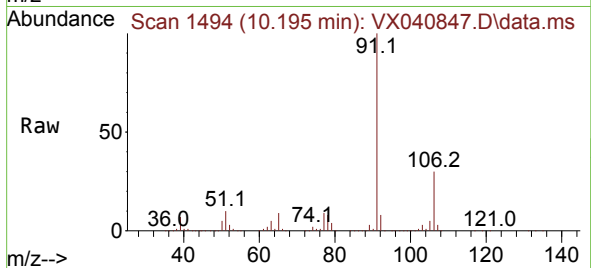
VSTDIC150

Tgt Ion: 91 Resp: 465981

Ion Ratio Lower Upper

91 100

106 29.5 24.9 37.3



#68

m/p-Xylenes

Concen: 304.571 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX040847.D

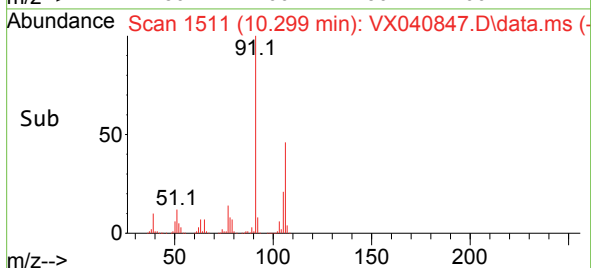
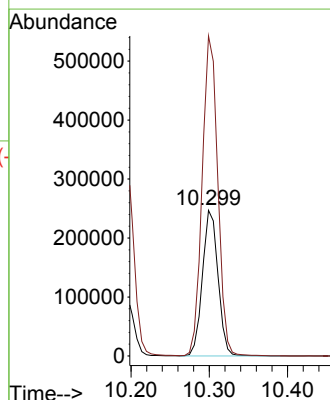
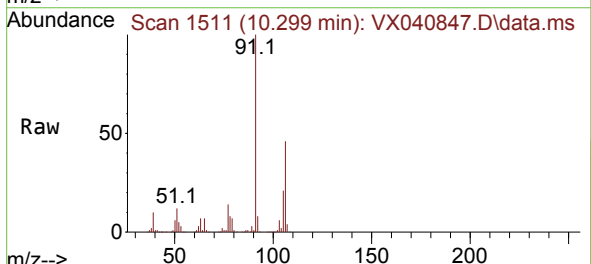
Acq: 01 Apr 2024 15:09

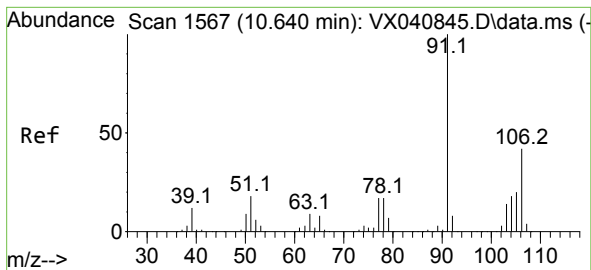
Tgt Ion: 106 Resp: 341160

Ion Ratio Lower Upper

106 100

91 220.2 165.5 248.3

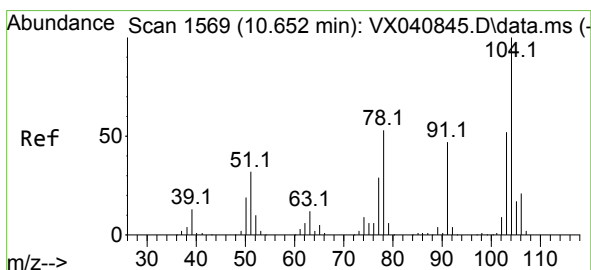
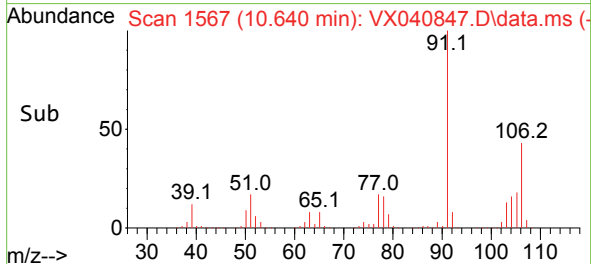
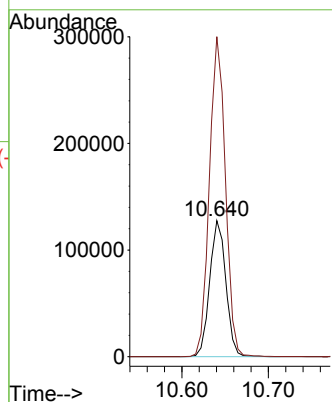
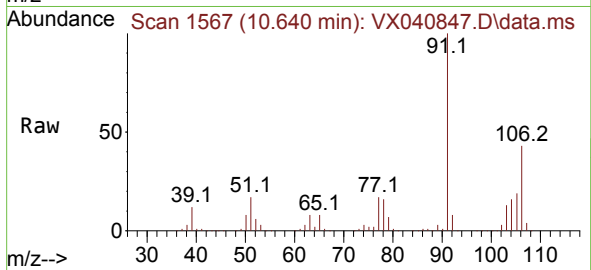




#69  
o-Xylene  
Concen: 156.522 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

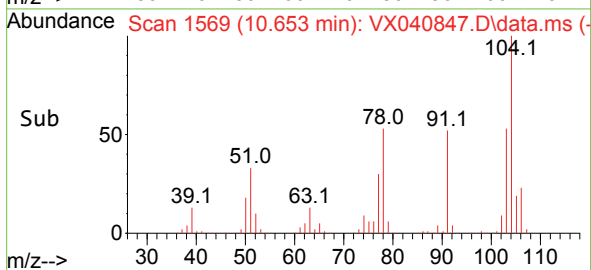
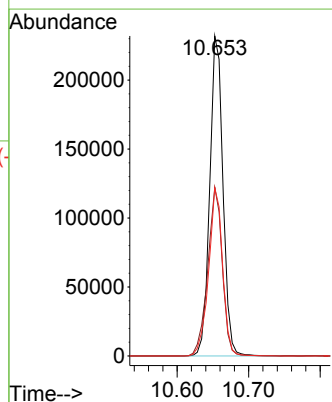
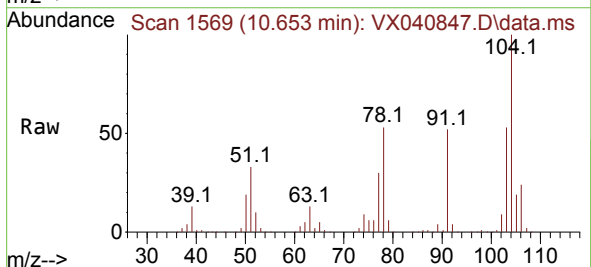
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

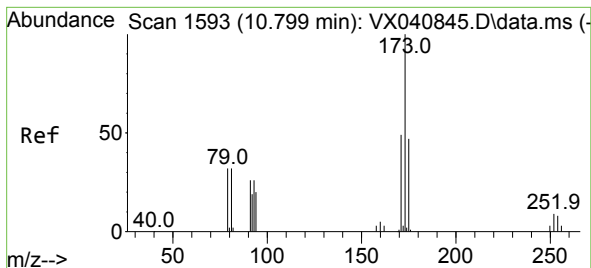
Tgt Ion:106 Resp: 165172  
Ion Ratio Lower Upper  
106 100  
91 233.1 108.9 326.8



#70  
Styrene  
Concen: 163.015 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

Tgt Ion:104 Resp: 298095  
Ion Ratio Lower Upper  
104 100  
78 57.9 43.6 65.4  
103 55.6 43.6 65.4





#71

Bromoform

Concen: 149.979 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040847.D

Acq: 01 Apr 2024 15:09

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC150

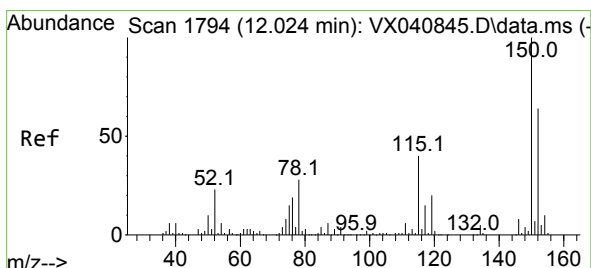
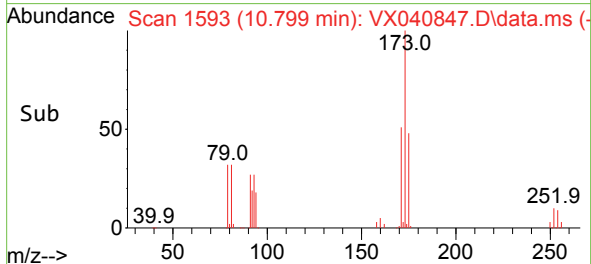
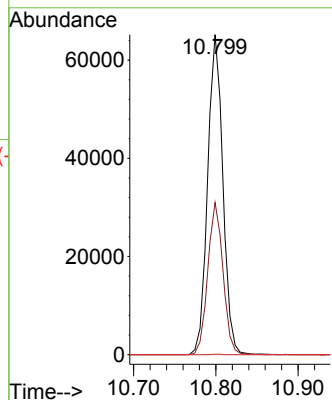
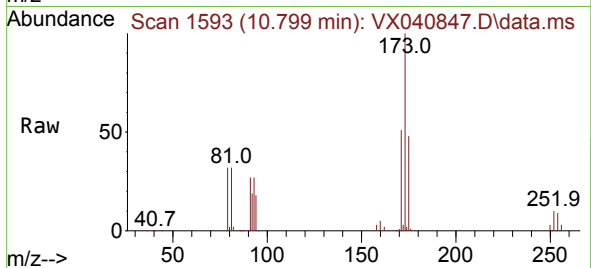
Tgt Ion:173 Resp: 83853

Ion Ratio Lower Upper

173 100

175 47.5 24.1 72.4

254 0.1 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: VX040847.D

Acq: 01 Apr 2024 15:09

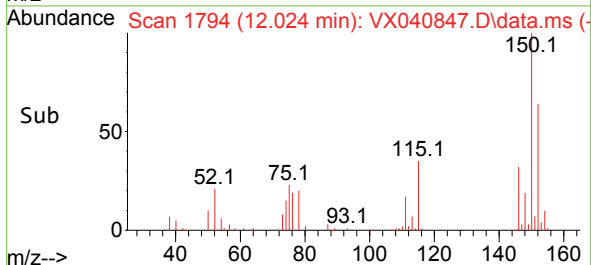
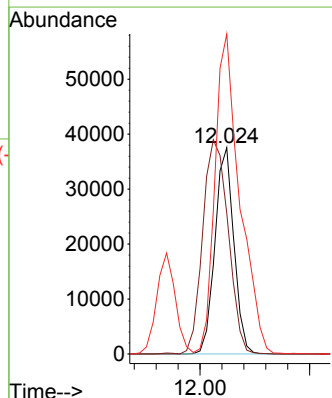
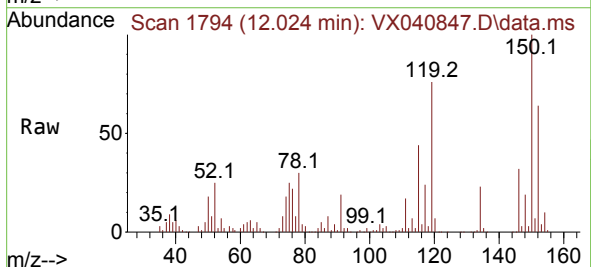
Tgt Ion:152 Resp: 44906

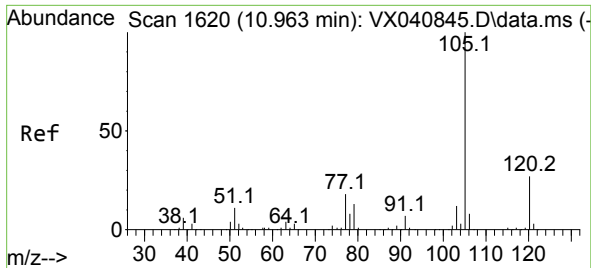
Ion Ratio Lower Upper

152 100

115 140.3 43.3 129.9#

150 204.2 0.0 345.0

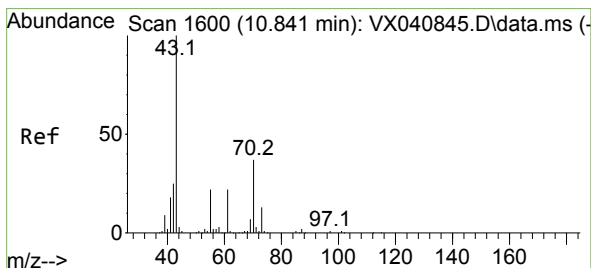
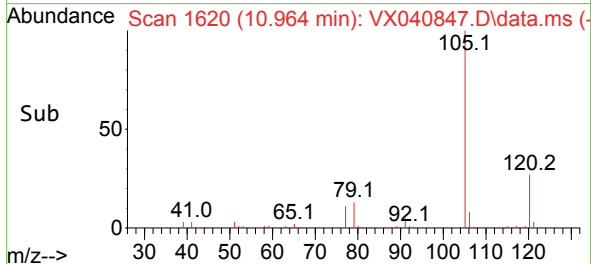
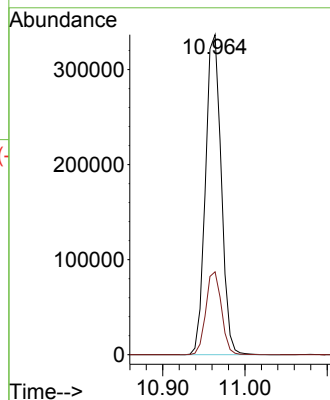
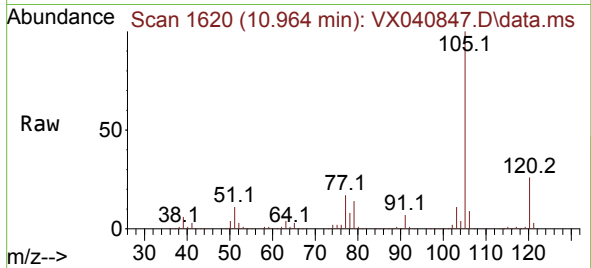




#73  
Isopropylbenzene  
Concen: 142.608 ug/l  
RT: 10.964 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

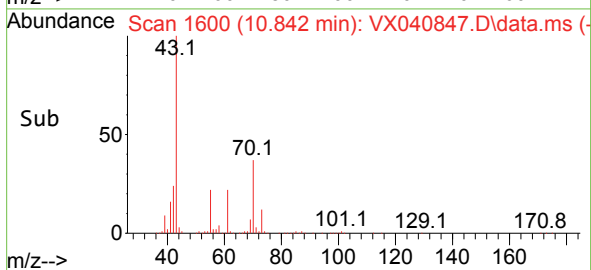
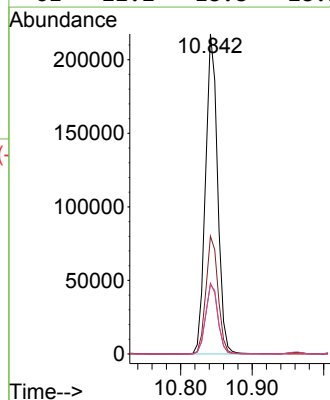
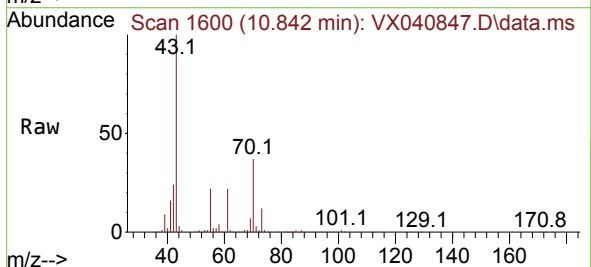
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

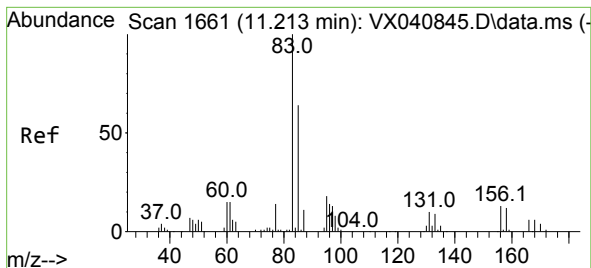
Tgt Ion:105 Resp: 447268  
Ion Ratio Lower Upper  
105 100  
120 25.7 12.9 38.6



#74  
N-ethyl acetate  
Concen: 161.121 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

Tgt Ion: 43 Resp: 255953  
Ion Ratio Lower Upper  
43 100  
70 37.0 32.9 49.3  
55 22.3 19.3 28.9  
61 22.2 18.8 28.2

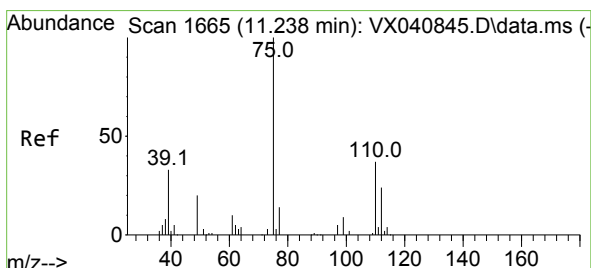
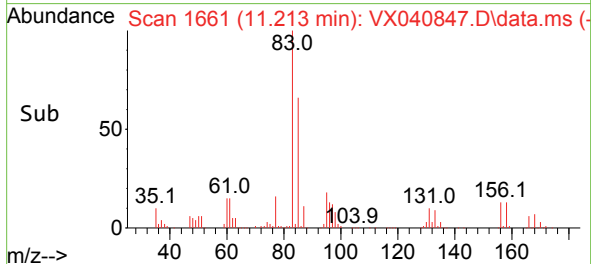
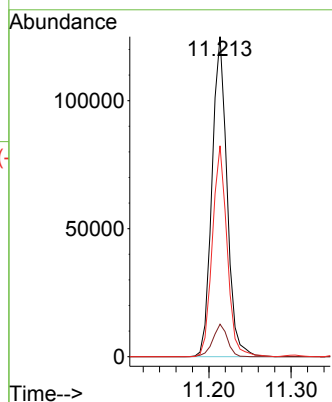
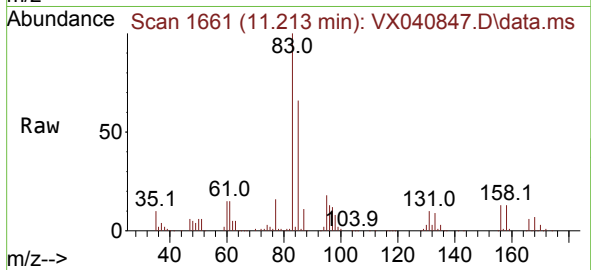




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 148.317 ug/l  
 RT: 11.213 min Scan# 1661  
 Delta R.T. 0.000 min  
 Lab File: VX040847.D  
 Acq: 01 Apr 2024 15:09

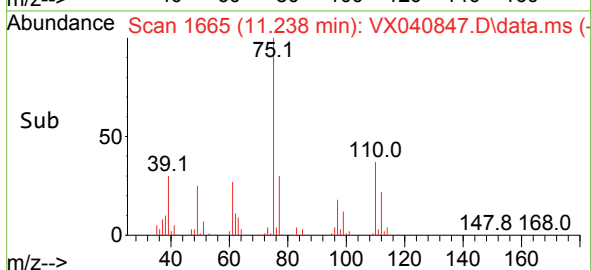
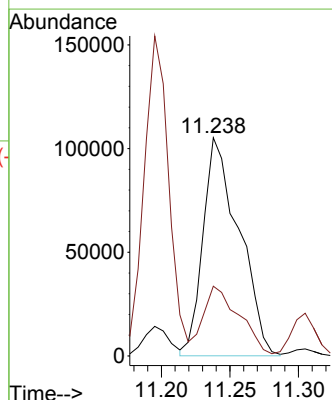
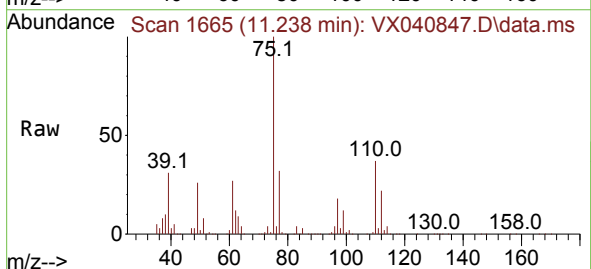
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

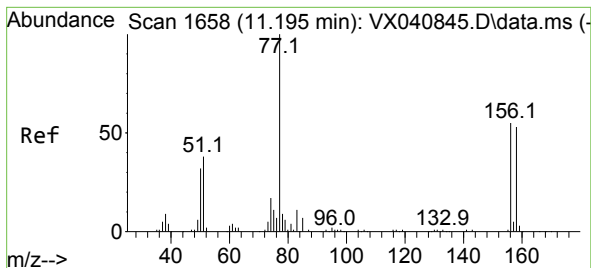
Tgt Ion: 83 Resp: 159057  
 Ion Ratio Lower Upper  
 83 100  
 131 9.9 5.3 15.8  
 85 64.6 32.0 96.2



#76  
 1,2,3-Trichloropropane  
 Concen: 201.001 ug/l  
 RT: 11.238 min Scan# 1665  
 Delta R.T. 0.000 min  
 Lab File: VX040847.D  
 Acq: 01 Apr 2024 15:09

Tgt Ion: 75 Resp: 192474  
 Ion Ratio Lower Upper  
 75 100  
 77 32.2 19.1 57.5





#77

Bromobenzene

Concen: 146.719 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040847.D

Acq: 01 Apr 2024 15:09

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC150

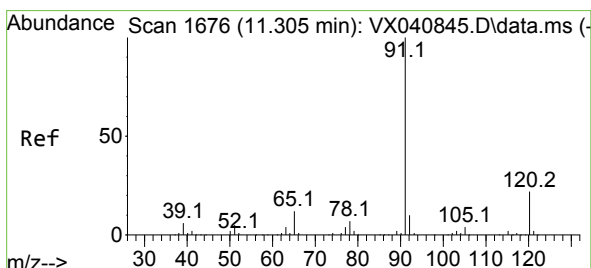
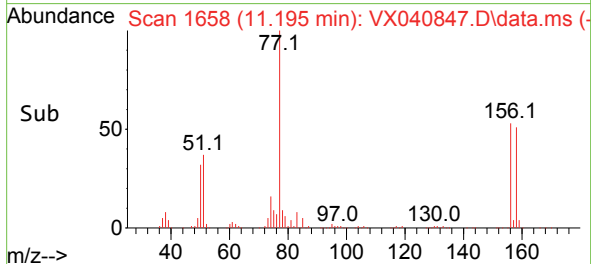
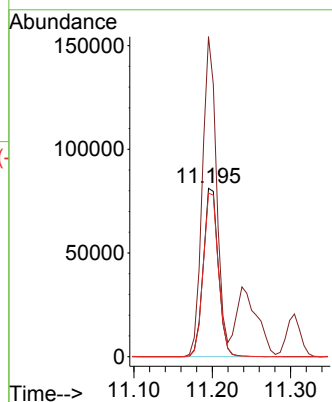
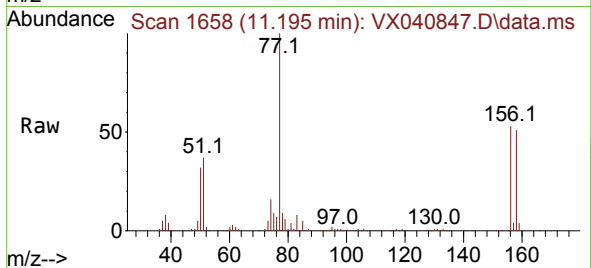
Tgt Ion:156 Resp: 107946

Ion Ratio Lower Upper

156 100

77 180.1 88.4 265.3

158 98.0 48.0 144.0



#78

n-propylbenzene

Concen: 143.649 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX040847.D

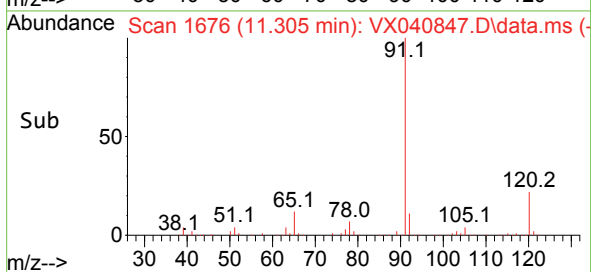
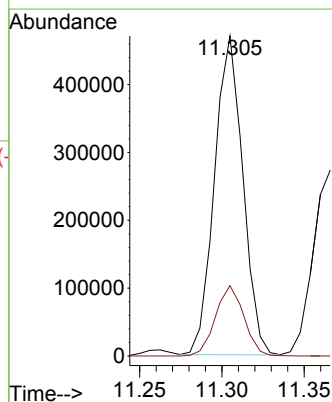
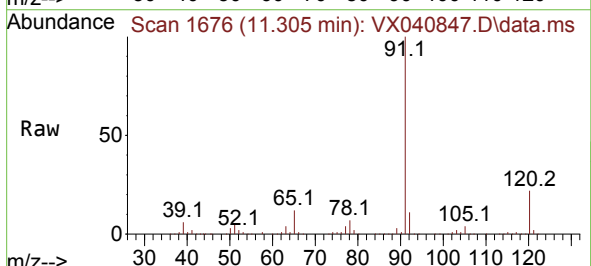
Acq: 01 Apr 2024 15:09

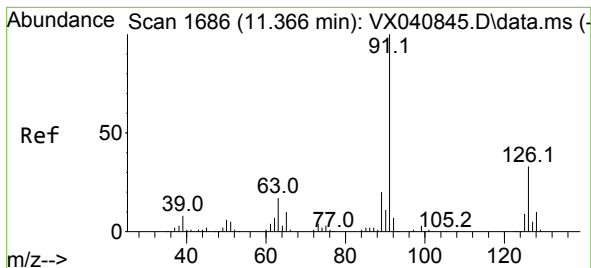
Tgt Ion: 91 Resp: 563060

Ion Ratio Lower Upper

91 100

120 22.1 11.5 34.4

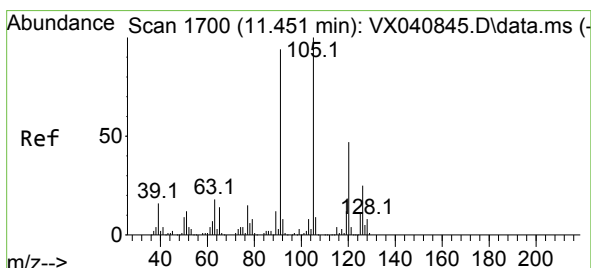
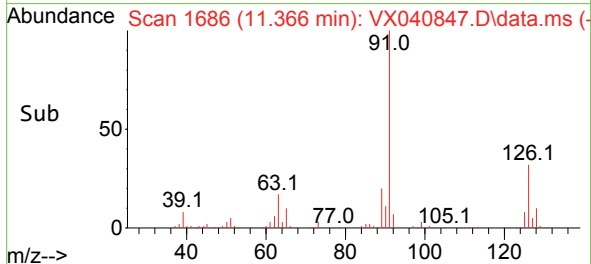
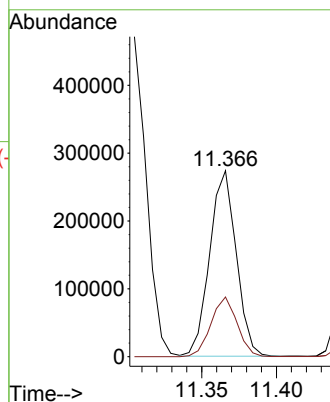
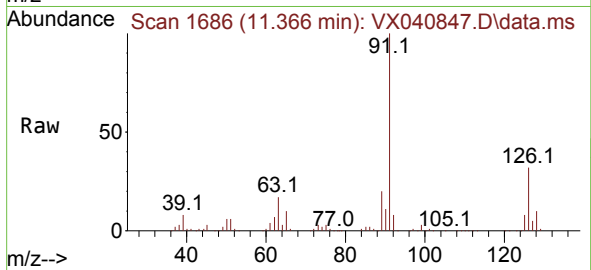




#79  
2-Chlorotoluene  
Concen: 144.604 ug/l  
RT: 11.366 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

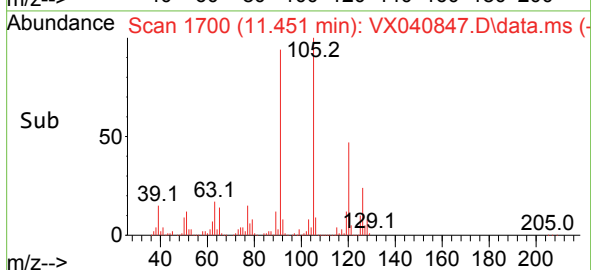
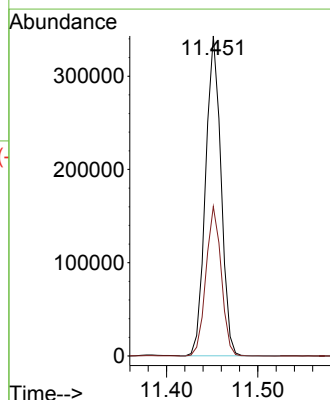
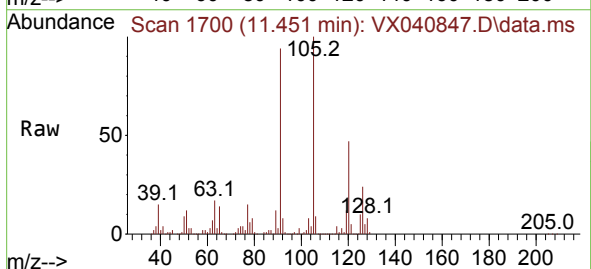
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

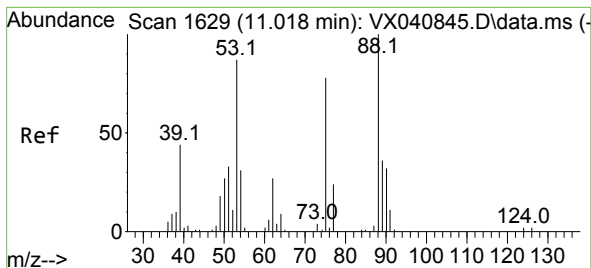
Tgt Ion: 91 Resp: 338259  
Ion Ratio Lower Upper  
91 100  
126 31.6 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 149.592 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

Tgt Ion: 105 Resp: 400713  
Ion Ratio Lower Upper  
105 100  
120 46.4 24.1 72.3

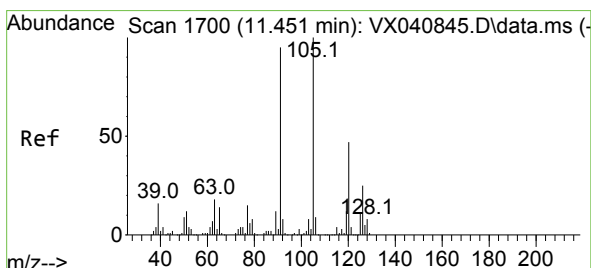
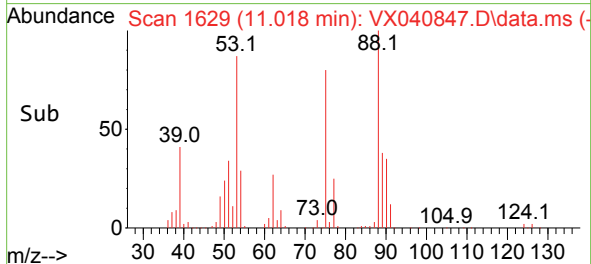
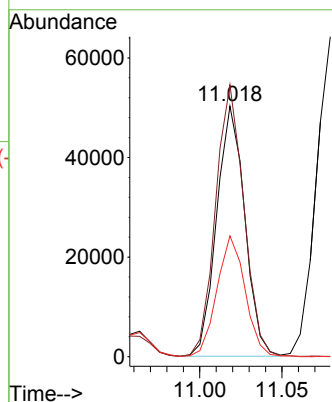
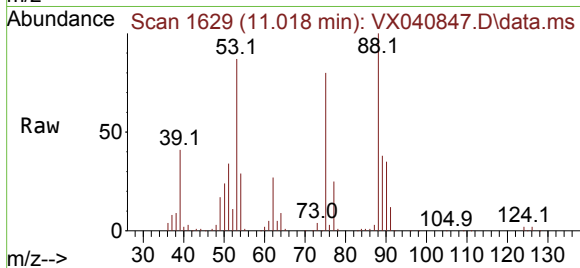




#81  
trans-1,4-Dichloro-2-butene  
Concen: 168.169 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

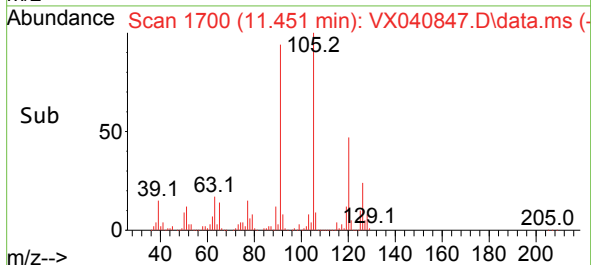
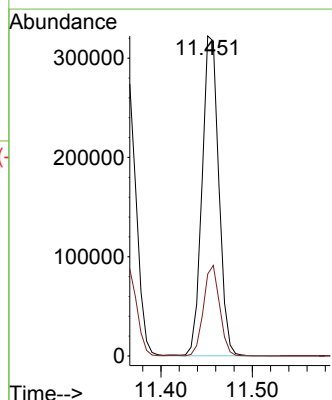
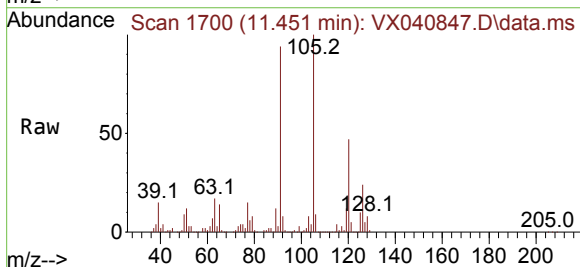
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

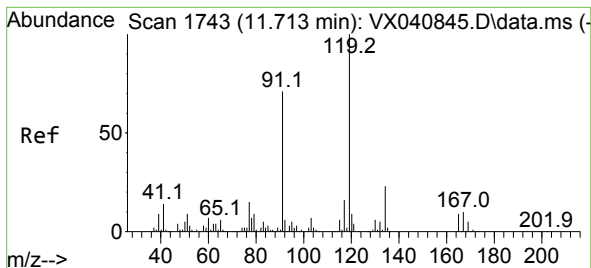
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 59686 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 109.5 | 90.5  | 135.7 |
| 89       | 48.6  | 36.9  | 55.3  |



#82  
4-Chlorotoluene  
Concen: 146.890 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 410236 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 27.4  | 14.2  | 42.6   |





#83

tert-Butylbenzene

Concen: 147.745 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040847.D

Acq: 01 Apr 2024 15:09

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

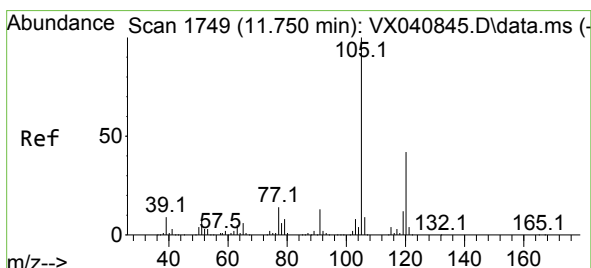
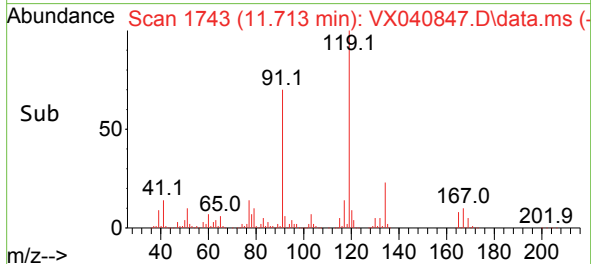
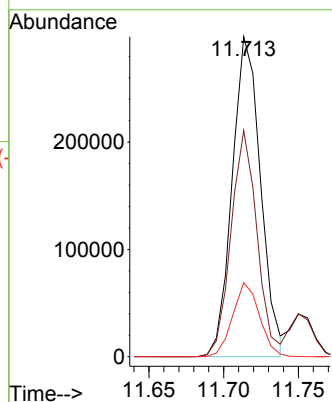
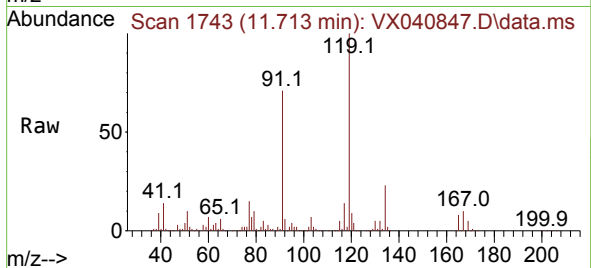
Tgt Ion:119 Resp: 392621

Ion Ratio Lower Upper

119 100

91 65.2 31.2 93.6

134 22.0 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 149.748 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040847.D

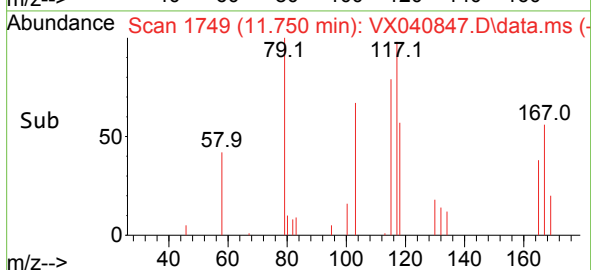
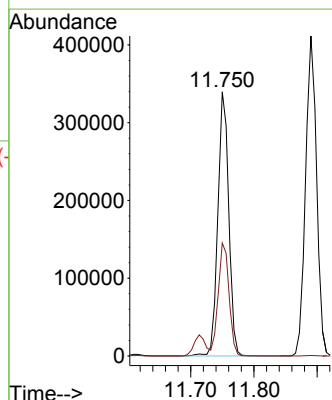
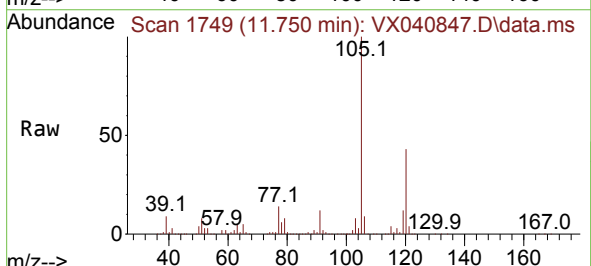
Acq: 01 Apr 2024 15:09

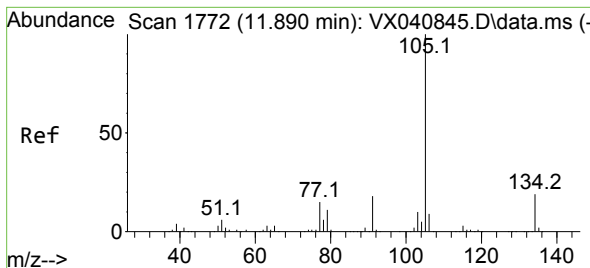
Tgt Ion:105 Resp: 404094

Ion Ratio Lower Upper

105 100

120 42.4 21.2 63.6





#85

sec-Butylbenzene

Concen: 146.841 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX040847.D

Acq: 01 Apr 2024 15:09

Instrument :

MSVOA\_X

ClientSampleId :

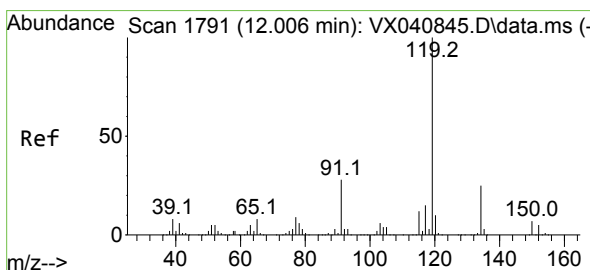
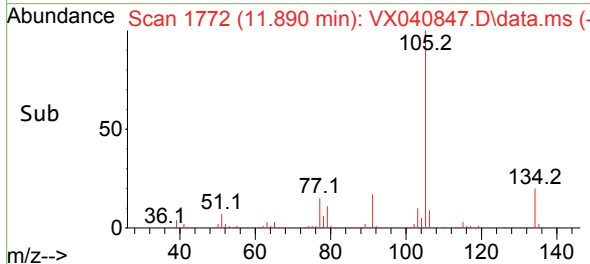
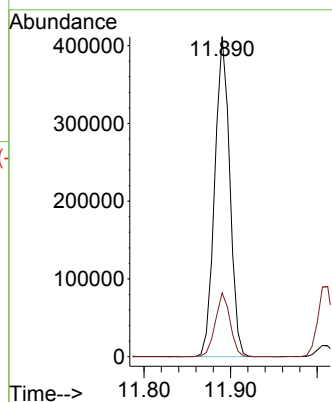
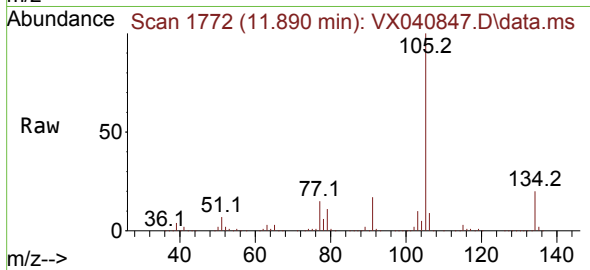
VSTDICC150

Tgt Ion:105 Resp: 495592

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.4



#86

p-Isopropyltoluene

Concen: 151.237 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX040847.D

Acq: 01 Apr 2024 15:09

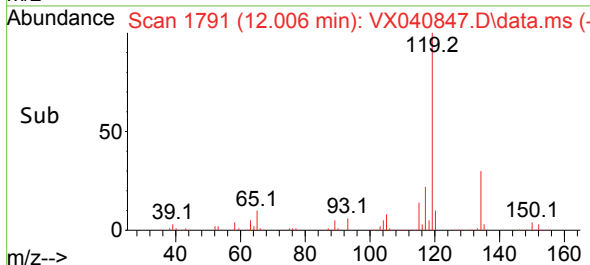
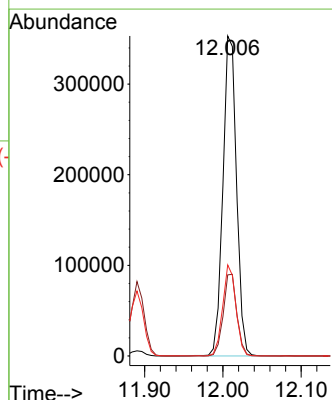
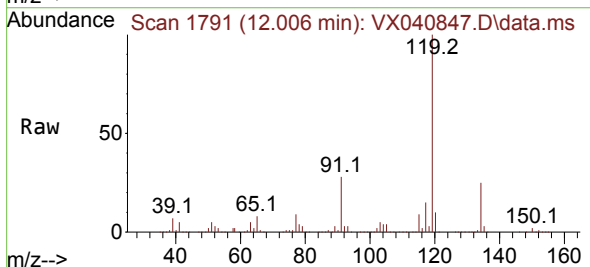
Tgt Ion:119 Resp: 428117

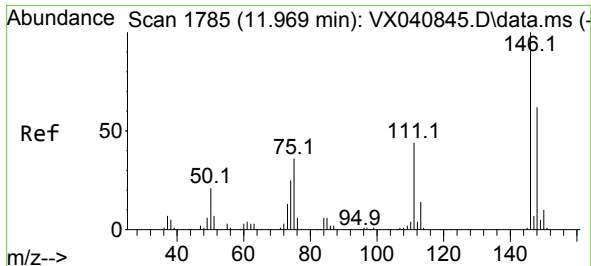
Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.3

91 27.6 13.1 39.3

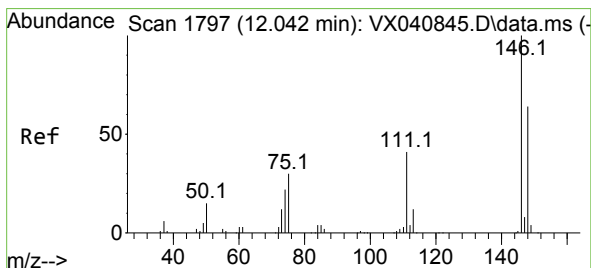
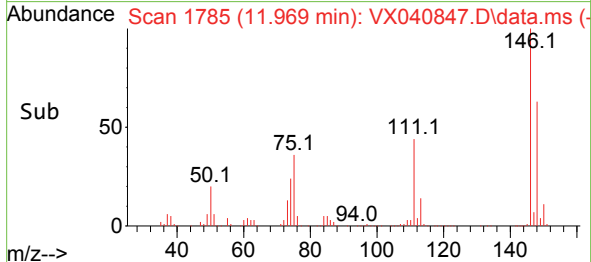
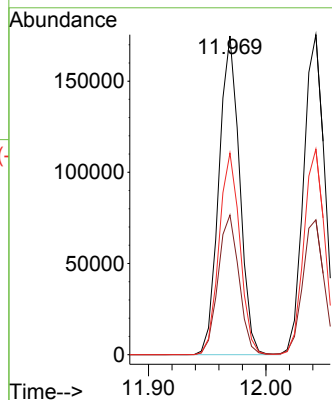
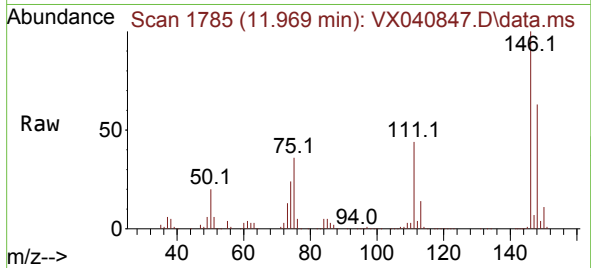




#87  
1,3-Dichlorobenzene  
Concen: 144.038 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

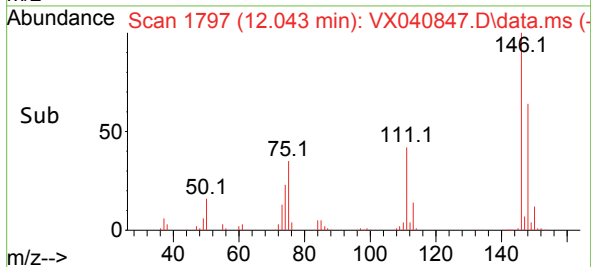
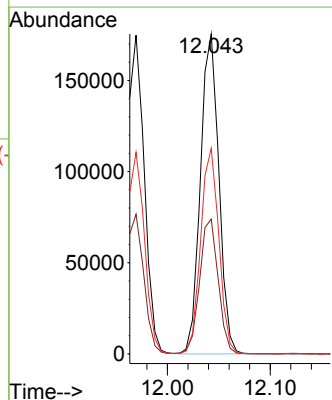
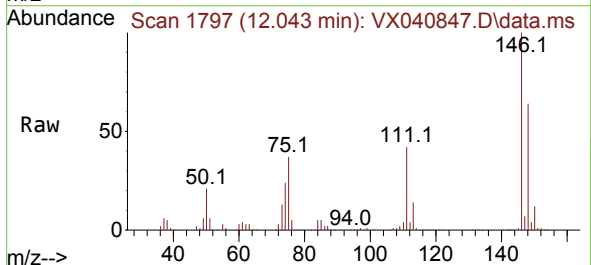
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

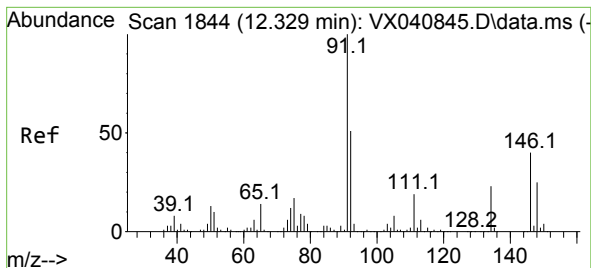
Tgt Ion:146 Resp: 214206  
Ion Ratio Lower Upper  
146 100  
111 44.3 22.1 66.1  
148 63.5 31.8 95.3



#88  
1,4-Dichlorobenzene  
Concen: 138.721 ug/l  
RT: 12.043 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

Tgt Ion:146 Resp: 218898  
Ion Ratio Lower Upper  
146 100  
111 42.6 21.3 63.7  
148 63.5 31.8 95.4





#89

n-Butylbenzene

Concen: 153.589 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX040847.D

Acq: 01 Apr 2024 15:09

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

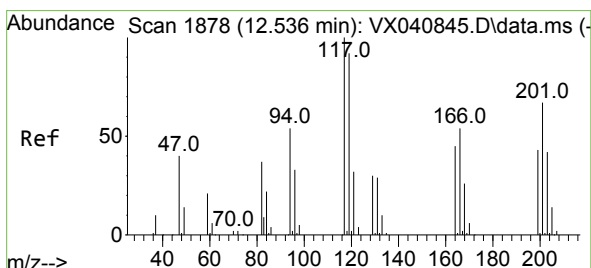
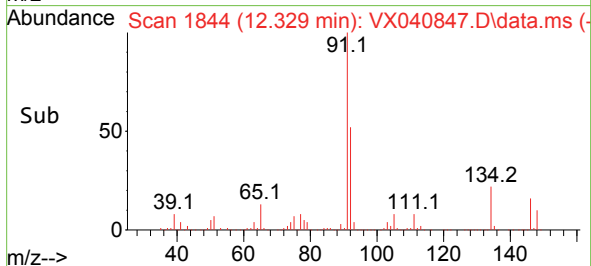
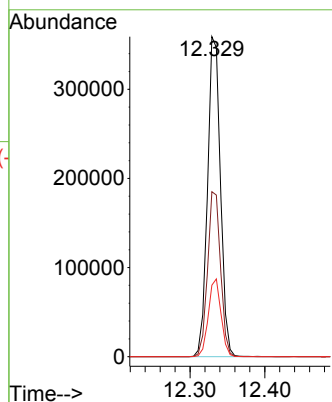
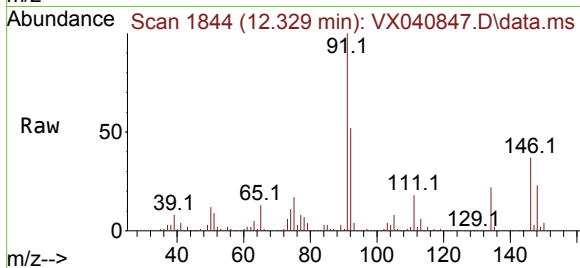
Tgt Ion: 91 Resp: 429528

Ion Ratio Lower Upper

91 100

92 51.8 27.4 82.0

134 23.8 12.6 37.8



#90

Hexachloroethane

Concen: 161.992 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX040847.D

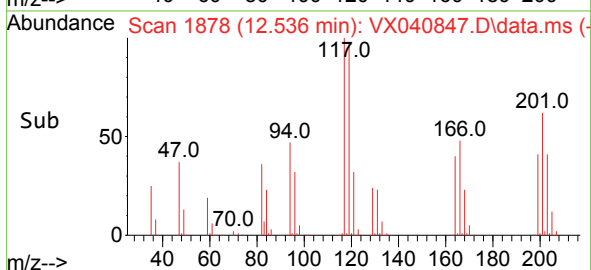
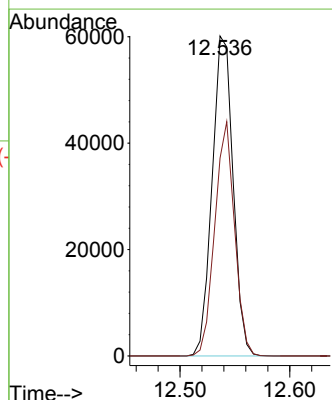
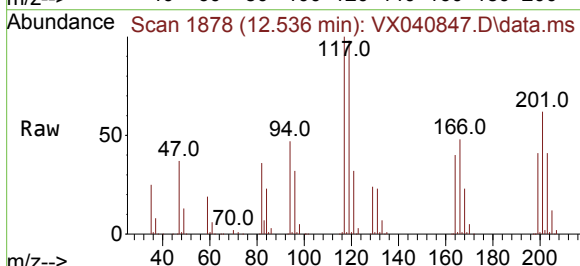
Acq: 01 Apr 2024 15:09

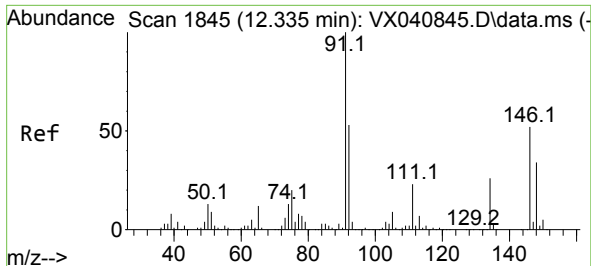
Tgt Ion: 117 Resp: 79882

Ion Ratio Lower Upper

117 100

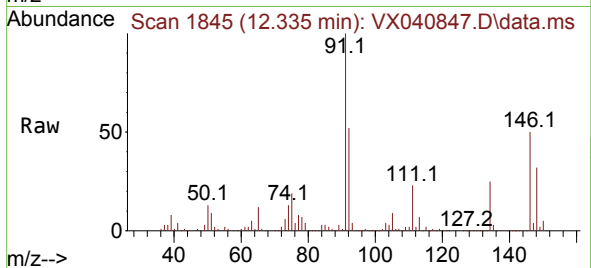
201 69.2 32.9 98.6



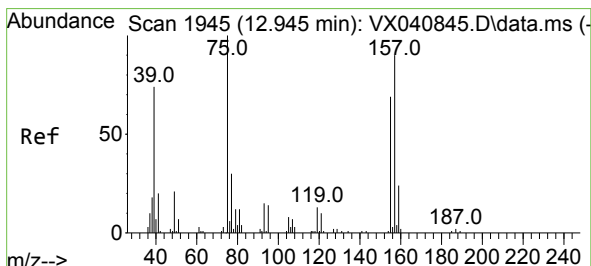
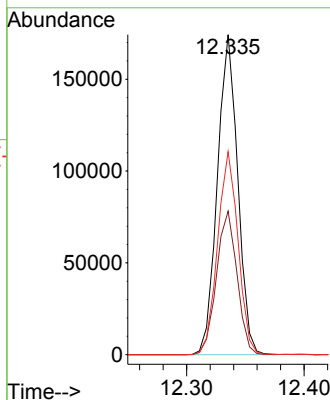
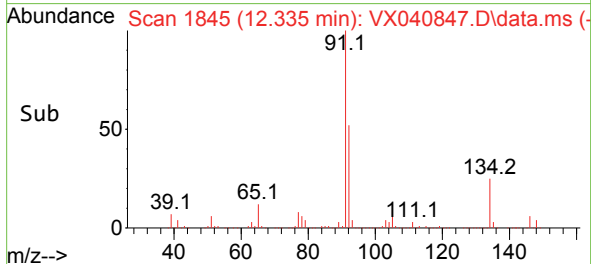


#91  
1,2-Dichlorobenzene  
Concen: 143.843 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

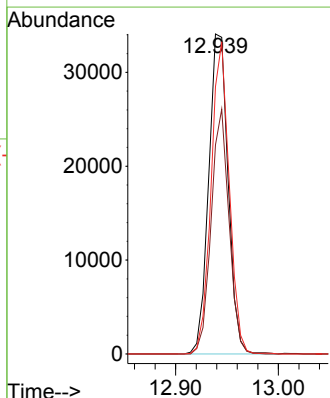
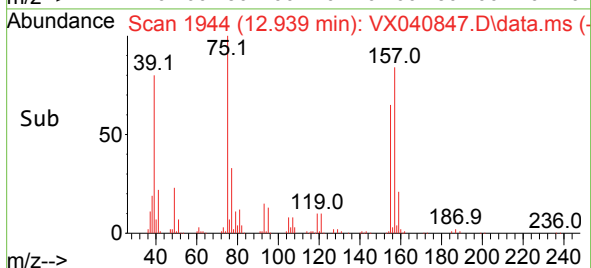
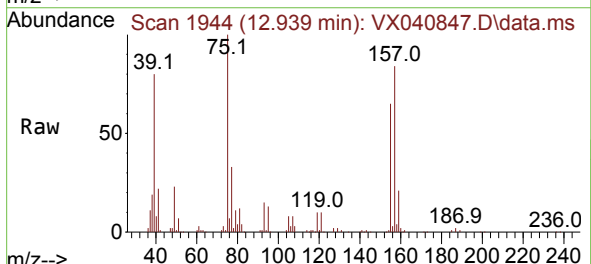


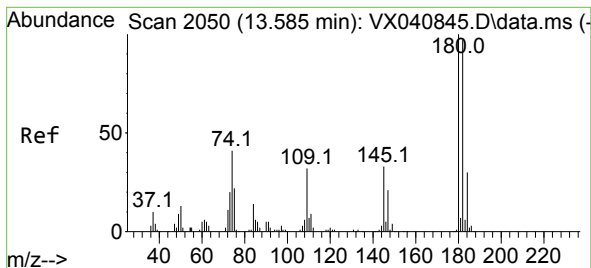
Tgt Ion:146 Resp: 209642  
Ion Ratio Lower Upper  
146 100  
111 45.4 22.4 67.0  
148 63.8 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 162.575 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. -0.006 min  
Lab File: VX040847.D  
Acq: 01 Apr 2024 15:09

Tgt Ion: 75 Resp: 44800  
Ion Ratio Lower Upper  
75 100  
155 70.4 36.1 108.5  
157 91.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 143.571 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040847.D

Acq: 01 Apr 2024 15:09

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC150

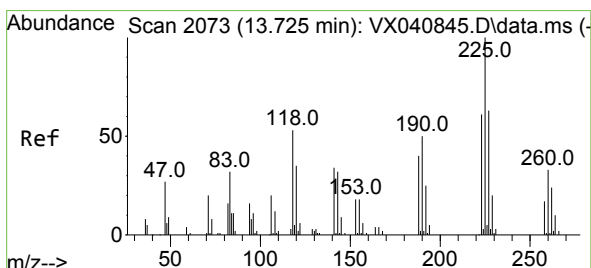
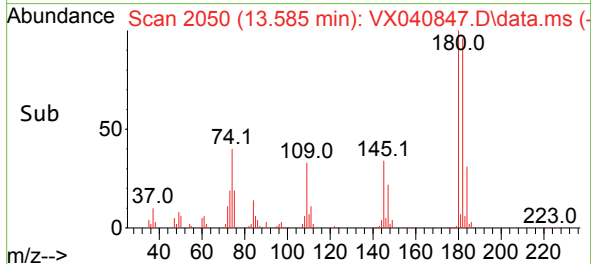
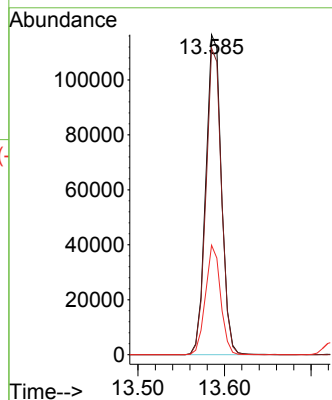
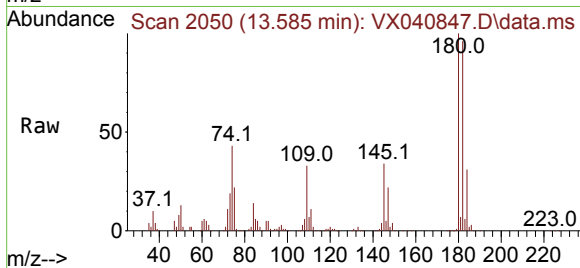
Tgt Ion:180 Resp: 145060

Ion Ratio Lower Upper

180 100

182 95.2 48.3 144.8

145 33.2 18.0 54.0



#94

Hexachlorobutadiene

Concen: 142.332 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX040847.D

Acq: 01 Apr 2024 15:09

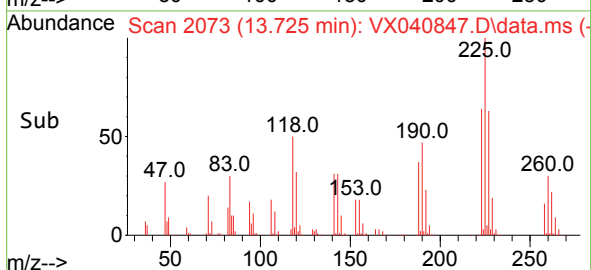
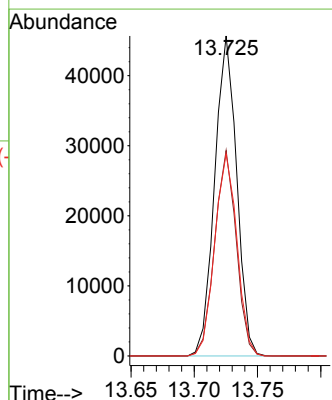
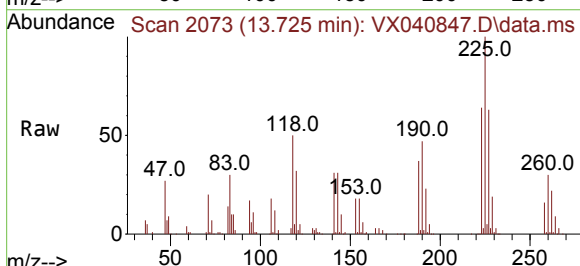
Tgt Ion:225 Resp: 55090

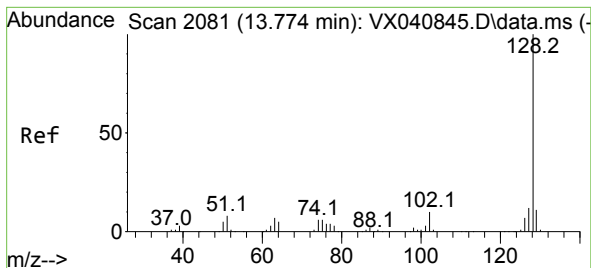
Ion Ratio Lower Upper

225 100

223 62.8 31.1 93.2

227 63.9 32.5 97.5





#95

Naphthalene

Concen: 152.488 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040847.D

Acq: 01 Apr 2024 15:09

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

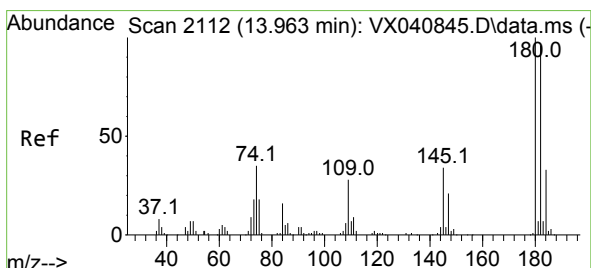
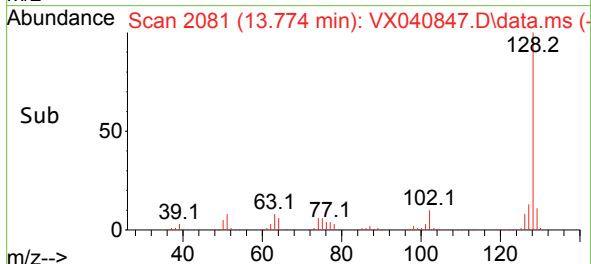
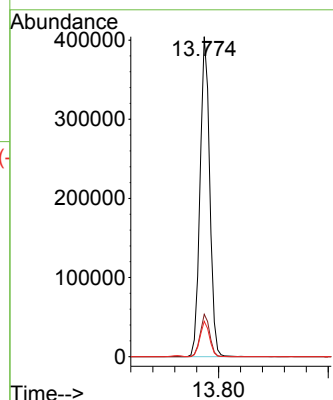
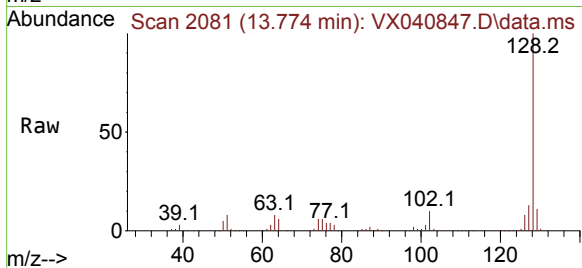
Tgt Ion:128 Resp: 496087

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 146.501 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX040847.D

Acq: 01 Apr 2024 15:09

Tgt Ion:180 Resp: 141213

Ion Ratio Lower Upper

180 100

182 95.9 46.9 140.6

145 34.9 17.8 53.5

