

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041323\  
 Data File : VX035042.D  
 Acq On : 12 Apr 2023 13:26  
 Operator : JC/MD  
 Sample : VX0413MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0413MBS01

Quant Time: Apr 13 02:33:28 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032923W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Apr 01 01:50:18 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 266372   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 440663   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 394620   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 196897   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 182458   | 44.788   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 89.580% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 136567   | 46.856   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 93.720% |
| 50) Toluene-d8              | 8.647  | 98    | 497968   | 46.288   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 92.580% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 199858   | 48.007   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 96.020% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 54240  | 20.416  | ug/l   | 98  |
| 3) Chloromethane             | 1.295 | 50  | 60182  | 18.092  | ug/l   | 96  |
| 4) Vinyl Chloride            | 1.374 | 62  | 60733  | 18.440  | ug/l   | 96  |
| 5) Bromomethane              | 1.618 | 94  | 37422  | 17.485  | ug/l   | 98  |
| 6) Chloroethane              | 1.691 | 64  | 34893  | 16.283  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 1.892 | 101 | 87461  | 16.518  | ug/l   | 99  |
| 8) Diethyl Ether             | 2.130 | 74  | 35857  | 19.209  | ug/l   | 96  |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 54530  | 19.704  | ug/l   | 98  |
| 10) Methyl Iodide            | 2.453 | 142 | 59334  | 17.216  | ug/l   | 93  |
| 11) Tert butyl alcohol       | 2.995 | 59  | 58437  | 81.758  | ug/l # | 88  |
| 12) 1,1-Dichloroethene       | 2.319 | 96  | 52068  | 19.040  | ug/l   | 91  |
| 13) Acrolein                 | 2.239 | 56  | 79409  | 107.926 | ug/l   | 100 |
| 14) Allyl chloride           | 2.666 | 41  | 102539 | 19.140  | ug/l   | 98  |
| 15) Acrylonitrile            | 3.069 | 53  | 173960 | 108.125 | ug/l   | 100 |
| 16) Acetone                  | 2.392 | 43  | 163052 | 98.527  | ug/l   | 100 |
| 17) Carbon Disulfide         | 2.514 | 76  | 109347 | 15.966  | ug/l   | 99  |
| 18) Methyl Acetate           | 2.703 | 43  | 125441 | 21.334  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 204124 | 20.161  | ug/l   | 99  |
| 20) Methylene Chloride       | 2.788 | 84  | 63237  | 19.364  | ug/l   | 99  |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 56739  | 19.025  | ug/l   | 95  |
| 22) Diisopropyl ether        | 3.757 | 45  | 218891 | 20.249  | ug/l   | 98  |
| 23) Vinyl Acetate            | 3.721 | 43  | 788238 | 102.243 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 3.611 | 63  | 114991 | 19.771  | ug/l   | 97  |
| 25) 2-Butanone               | 4.562 | 43  | 246176 | 102.263 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 4.477 | 77  | 83682  | 17.496  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 4.489 | 96  | 69350  | 19.624  | ug/l   | 99  |
| 28) Bromochloromethane       | 4.898 | 49  | 61611  | 21.655  | ug/l   | 99  |
| 29) Tetrahydrofuran          | 5.013 | 42  | 154972 | 102.763 | ug/l   | 100 |
| 30) Chloroform               | 5.093 | 83  | 117267 | 19.851  | ug/l   | 99  |
| 31) Cyclohexane              | 5.471 | 56  | 95025  | 19.156  | ug/l   | 100 |
| 32) 1,1,1-Trichloroethane    | 5.379 | 97  | 97143  | 19.270  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 5.696 | 75  | 84086  | 19.473  | ug/l   | 99  |
| 37) Ethyl Acetate            | 4.715 | 43  | 92943  | 20.585  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 5.678 | 117 | 80050  | 19.663  | ug/l   | 98  |
| 39) Methylcyclohexane        | 7.379 | 83  | 88270  | 19.250  | ug/l   | 94  |
| 40) Benzene                  | 6.038 | 78  | 249739 | 20.148  | ug/l   | 99  |

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 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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 Quant Title : SW846 8260  
 QLast Update : Sat Apr 01 01:50:18 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 53676    | 21.860  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 98467    | 19.981  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.336  | 43   | 152637   | 20.206  | ug/l   | 99       |
| 44) Trichloroethene           | 7.129  | 130  | 64848    | 20.494  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 7.428  | 63   | 66546    | 20.602  | ug/l   | 96       |
| 46) Dibromomethane            | 7.586  | 93   | 44187    | 19.882  | ug/l   | 97       |
| 47) Bromodichloromethane      | 7.824  | 83   | 81157    | 19.769  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.696  | 41   | 77962    | 21.016  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 7.708  | 88   | 27236    | 356.259 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 484107   | 108.286 | ug/l   | 99       |
| 52) Toluene                   | 8.720  | 92   | 158945   | 19.666  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 85755    | 19.418  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 97850    | 20.246  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 65645    | 21.460  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 102041   | 21.291  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 115238   | 21.272  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 291554   | 119.475 | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 359487   | 106.313 | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.519  | 129  | 59478    | 20.412  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 66688    | 20.966  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 55327    | 19.591  | ug/l   | 97       |
| 65) Chlorobenzene             | 10.080 | 112  | 170007   | 20.706  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 58627    | 20.766  | ug/l   | 100      |
| 67) Ethyl Benzene             | 10.195 | 91   | 306846   | 20.630  | ug/l   | 97       |
| 68) m/p-Xylenes               | 10.299 | 106  | 234044   | 41.193  | ug/l   | 98       |
| 69) o-Xylene                  | 10.640 | 106  | 114039   | 20.489  | ug/l   | 98       |
| 70) Styrene                   | 10.659 | 104  | 192730   | 21.691  | ug/l   | 98       |
| 71) Bromoform                 | 10.799 | 173  | 38616    | 20.110  | ug/l # | 98       |
| 73) Isopropylbenzene          | 10.964 | 105  | 293168   | 20.327  | ug/l   | 98       |
| 74) N-amyl acetate            | 10.842 | 43   | 133775   | 20.629  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 98594    | 20.857  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 102241   | 25.771  | ug/l   | 86       |
| 77) Bromobenzene              | 11.201 | 156  | 71734    | 20.073  | ug/l   | 98       |
| 78) n-propylbenzene           | 11.305 | 91   | 339107   | 20.353  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 210391   | 20.000  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 246170   | 20.414  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 21922    | 16.560  | ug/l # | 82       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 248111   | 20.311  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 235626   | 20.808  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 249174   | 20.319  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 283251   | 20.561  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 244144   | 21.253  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 136469   | 20.969  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 137920   | 20.290  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.335 | 91   | 209450   | 20.869  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 32914    | 18.493  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 135754   | 20.827  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 20283    | 20.557  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 82770    | 22.452  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 30043    | 18.528  | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 299720   | 22.880  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 81128    | 21.822  | ug/l   | 99       |

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ALS Vial : 10 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
VX0413MBS01

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Quant Title : SW846 8260  
QLast Update : Sat Apr 01 01:50:18 2023  
Response via : Initial Calibration

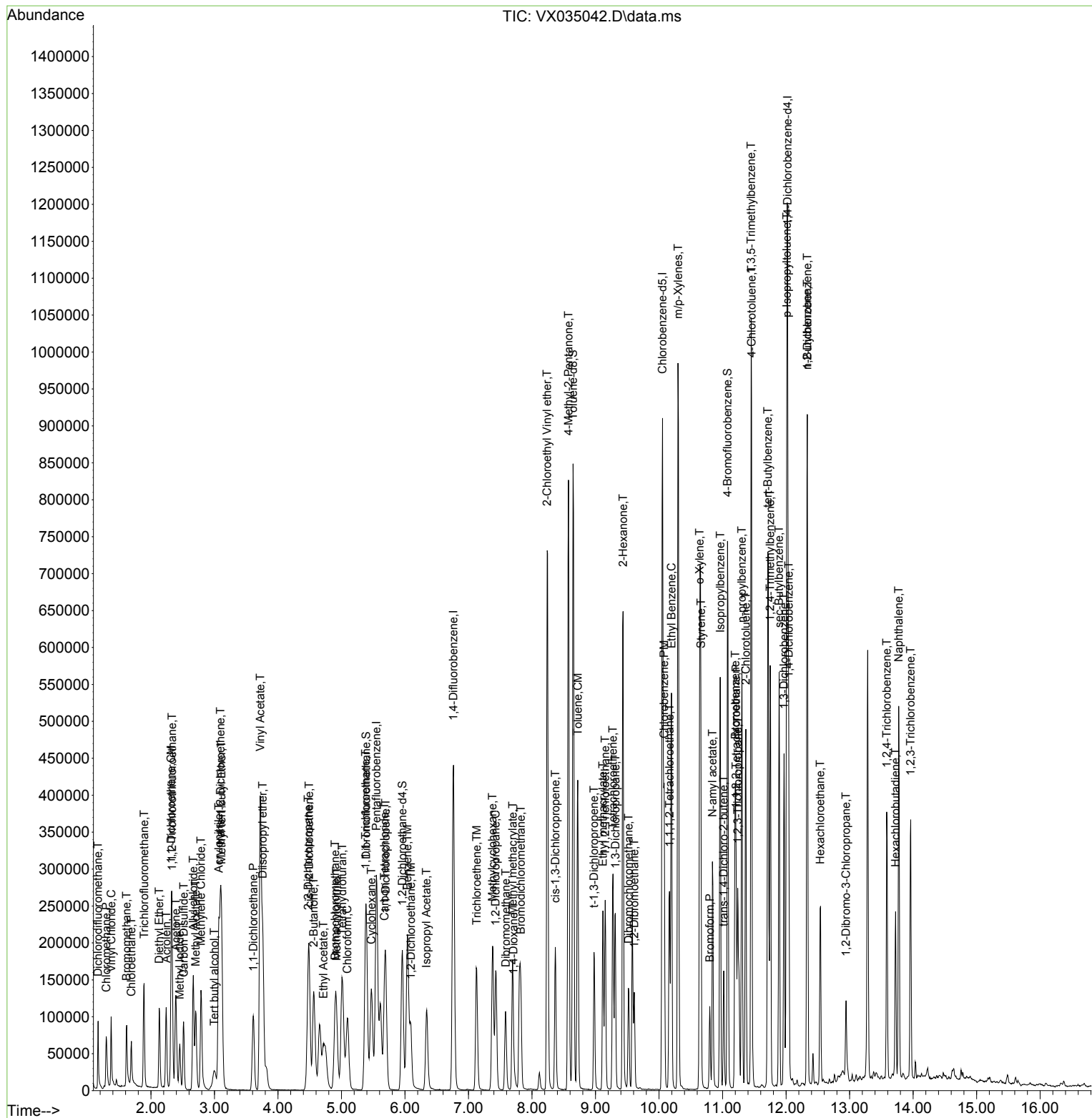
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

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 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
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 VX0413MBS01

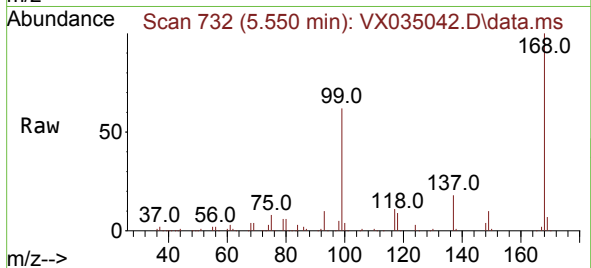
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032923W.M  
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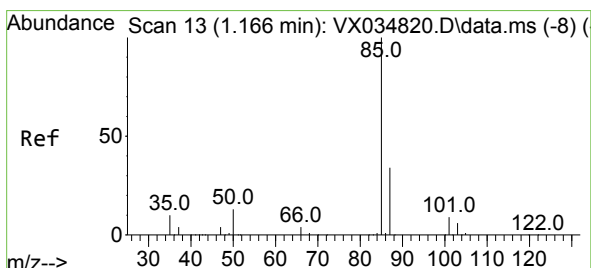
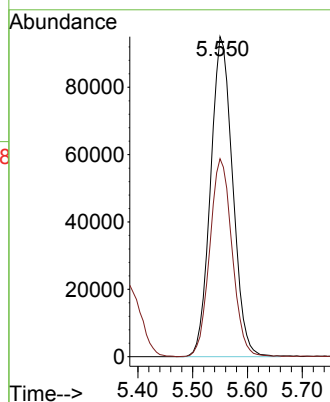
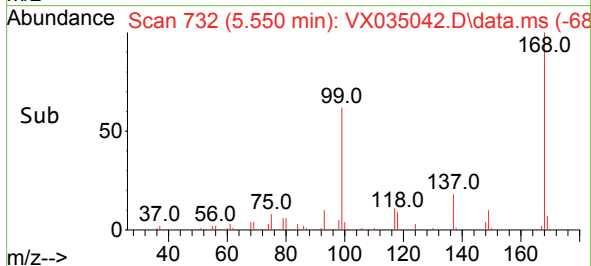


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0413MBS01

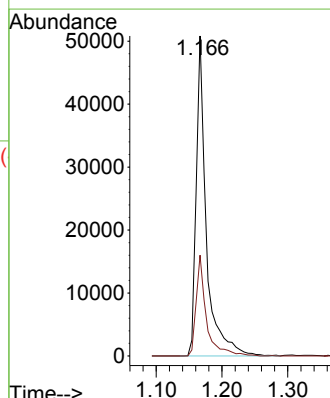
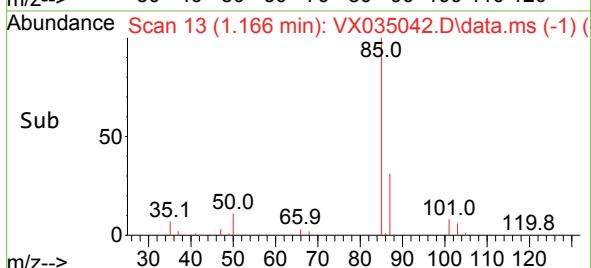
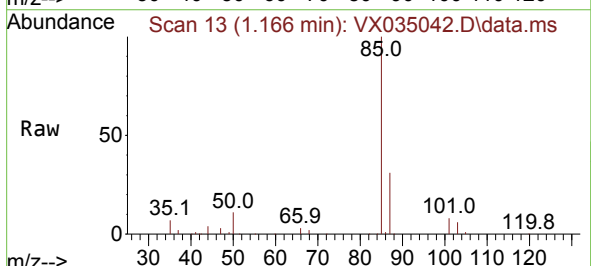


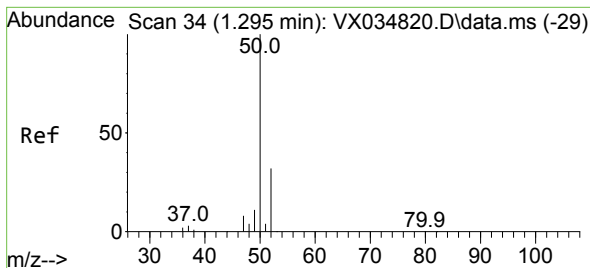
Tgt Ion:168 Resp: 266372  
Ion Ratio Lower Upper  
168 100  
99 61.8 45.7 68.5



#2  
Dichlorodifluoromethane  
Concen: 20.416 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

Tgt Ion: 85 Resp: 54240  
Ion Ratio Lower Upper  
85 100  
87 31.5 16.4 49.1





#3

Chloromethane

Concen: 18.092 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX035042.D

Acq: 12 Apr 2023 13:26

Instrument :

MSVOA\_X

ClientSampleId :

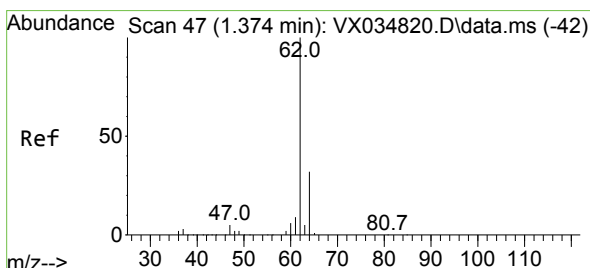
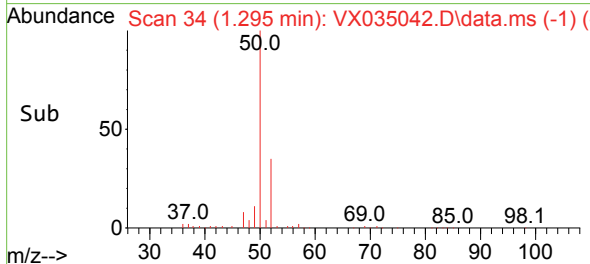
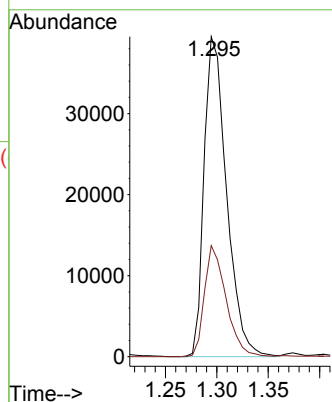
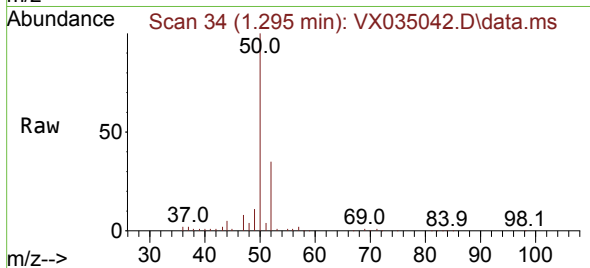
VX0413MBS01

Tgt Ion: 50 Resp: 60182

Ion Ratio Lower Upper

50 100

52 34.7 25.9 38.9



#4

Vinyl Chloride

Concen: 18.440 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX035042.D

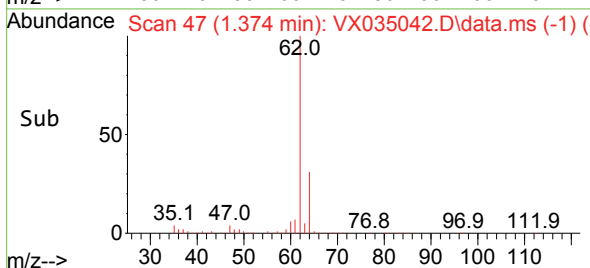
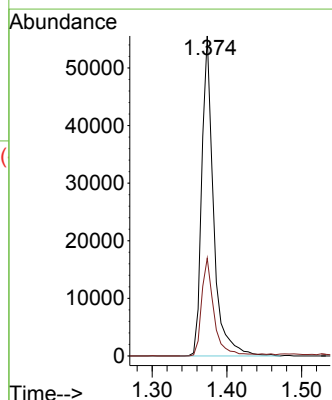
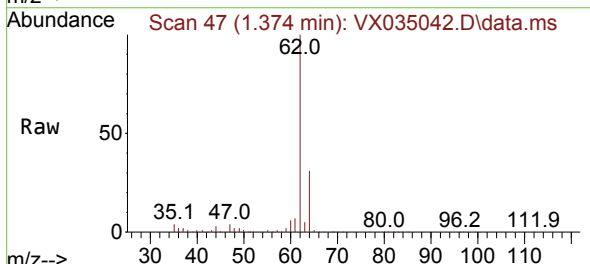
Acq: 12 Apr 2023 13:26

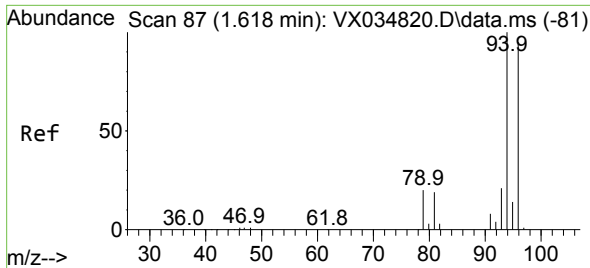
Tgt Ion: 62 Resp: 60733

Ion Ratio Lower Upper

62 100

64 30.5 26.4 39.6

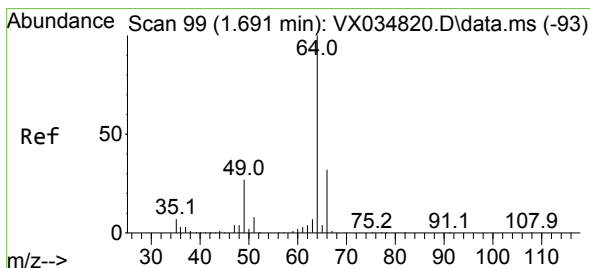
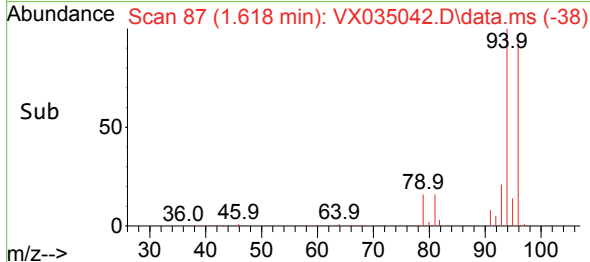
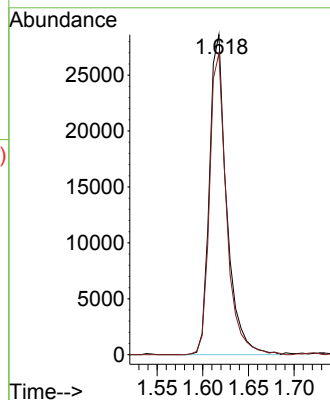
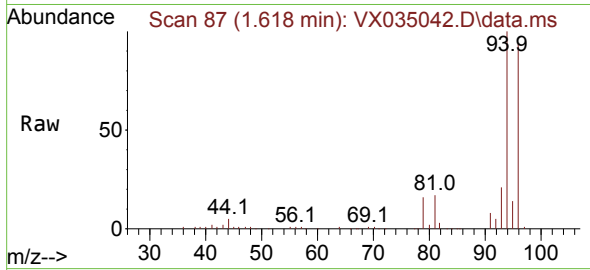




#5  
Bromomethane  
Concen: 17.485 ug/l  
RT: 1.618 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

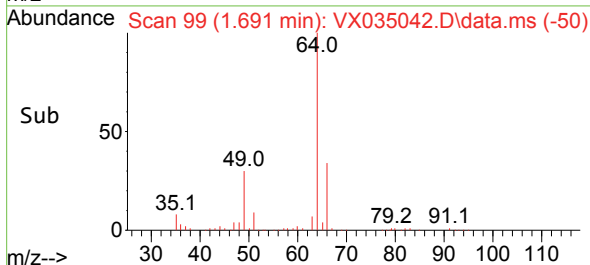
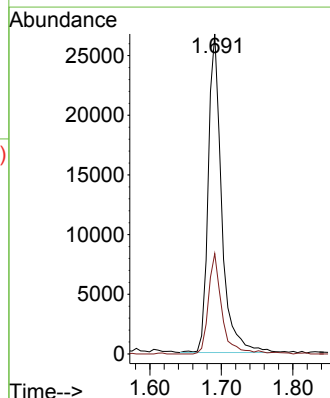
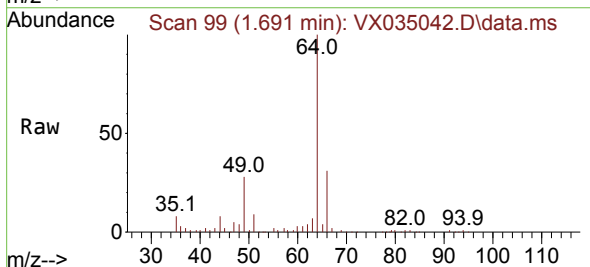
Instrument :  
MSVOA\_X  
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VX0413MBS01

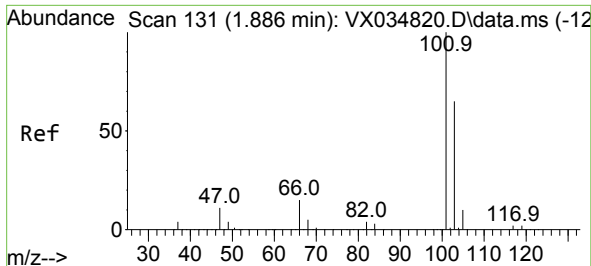
Tgt Ion: 94 Resp: 37422  
Ion Ratio Lower Upper  
94 100  
96 94.2 77.0 115.6



#6  
Chloroethane  
Concen: 16.283 ug/l  
RT: 1.691 min Scan# 99  
Delta R.T. 0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

Tgt Ion: 64 Resp: 34893  
Ion Ratio Lower Upper  
64 100  
66 31.5 26.2 39.4

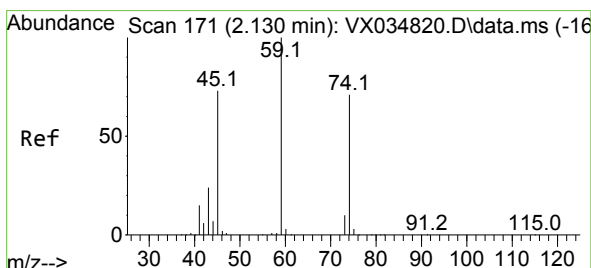
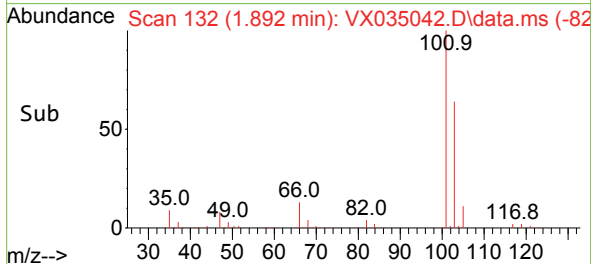
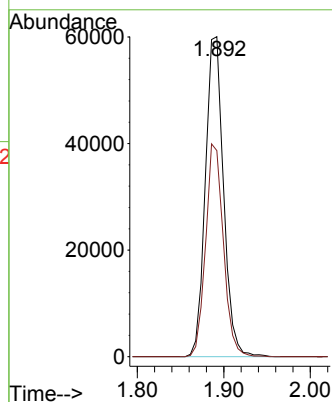
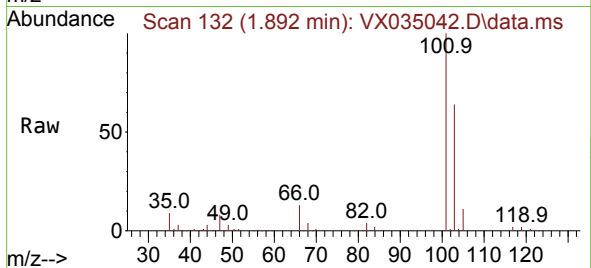




#7  
 Trichlorofluoromethane  
 Concen: 16.518 ug/l  
 RT: 1.892 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VX035042.D  
 Acq: 12 Apr 2023 13:26

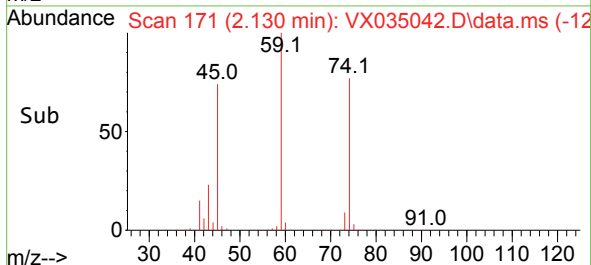
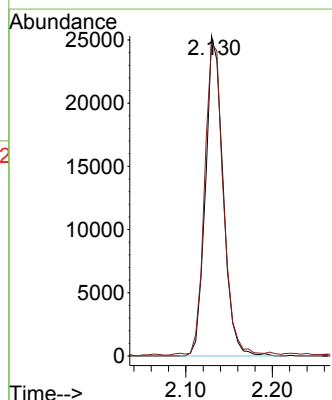
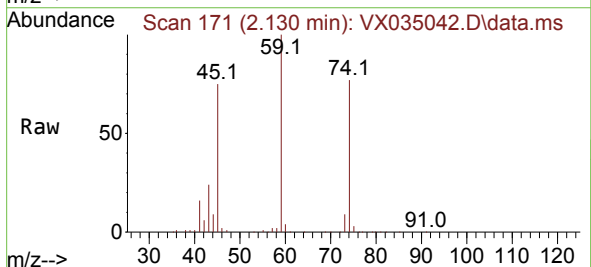
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0413MBS01

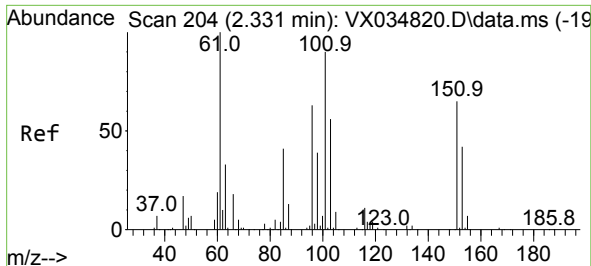
Tgt Ion:101 Resp: 87461  
 Ion Ratio Lower Upper  
 101 100  
 103 64.4 52.0 78.0



#8  
 Diethyl Ether  
 Concen: 19.209 ug/l  
 RT: 2.130 min Scan# 171  
 Delta R.T. 0.000 min  
 Lab File: VX035042.D  
 Acq: 12 Apr 2023 13:26

Tgt Ion: 74 Resp: 35857  
 Ion Ratio Lower Upper  
 74 100  
 45 103.4 49.8 149.3

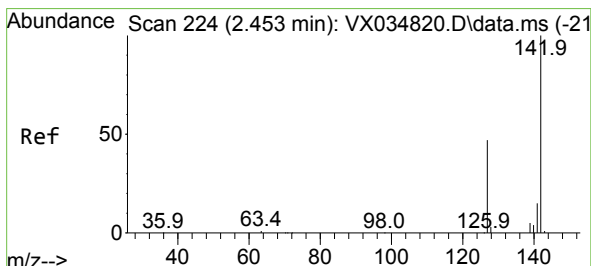
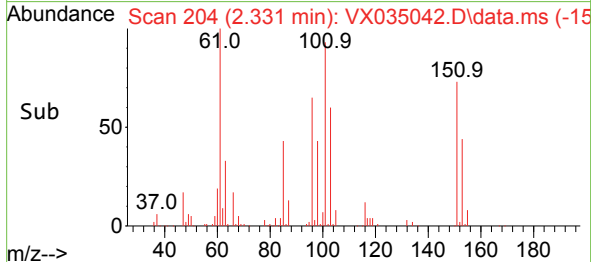
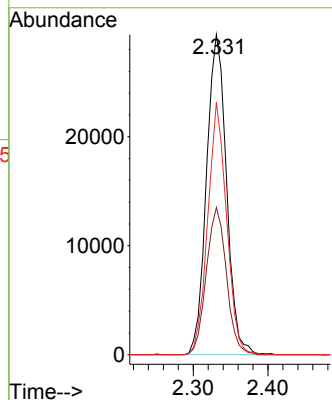
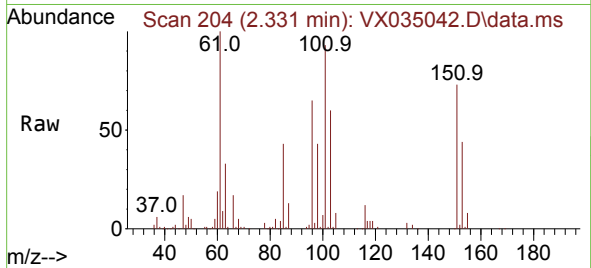




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.704 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

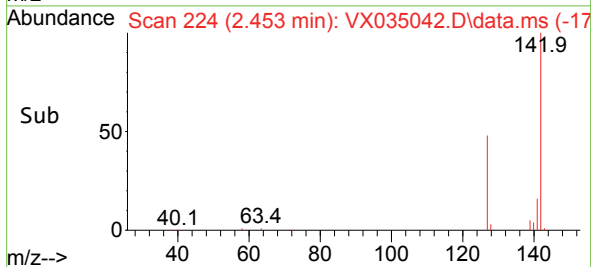
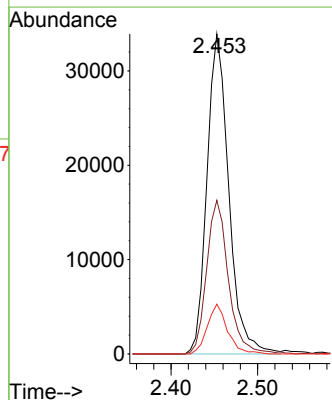
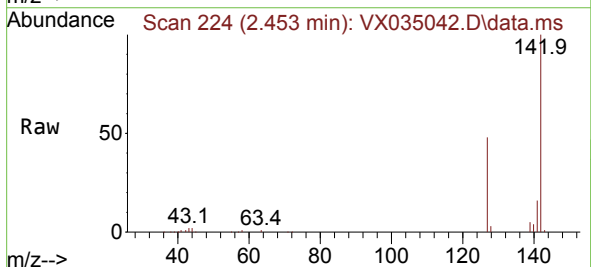
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0413MBS01

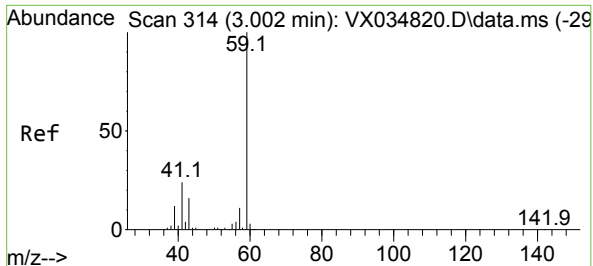
Tgt Ion:101 Resp: 54530  
Ion Ratio Lower Upper  
101 100  
85 46.2 35.4 53.2  
151 74.2 60.2 90.4



#10  
Methyl Iodide  
Concen: 17.216 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

Tgt Ion:142 Resp: 59334  
Ion Ratio Lower Upper  
142 100  
127 48.0 34.0 51.0  
141 14.5 11.1 16.7

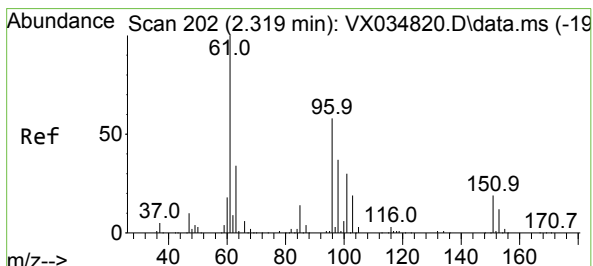
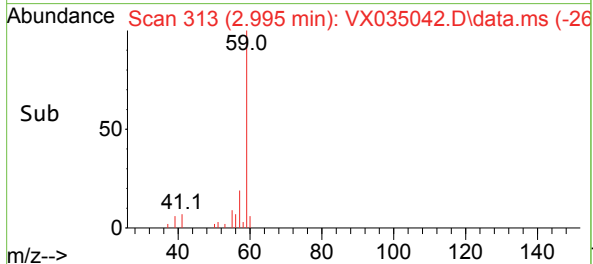
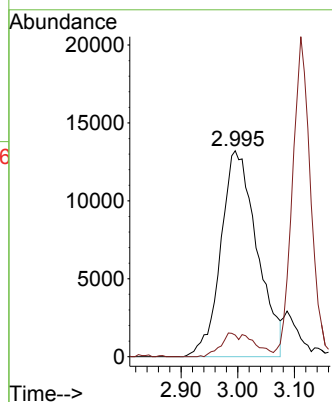
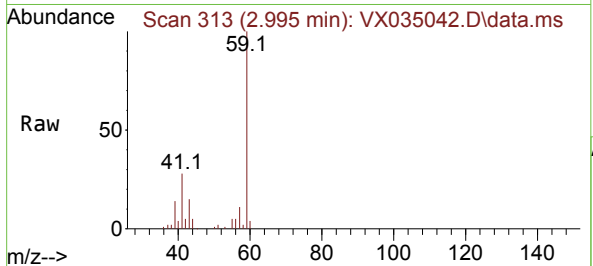




#11  
Tert butyl alcohol  
Concen: 81.758 ug/l  
RT: 2.995 min Scan# 314  
Delta R.T. -0.006 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

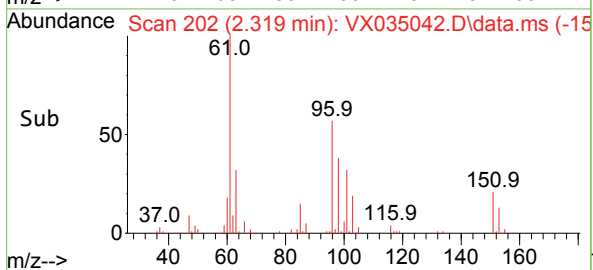
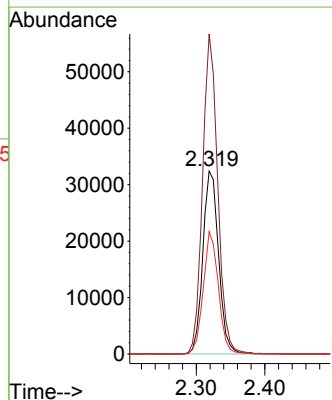
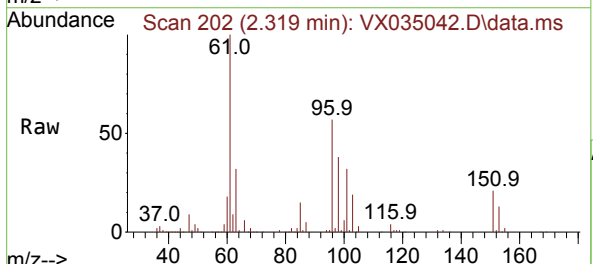
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0413MBS01

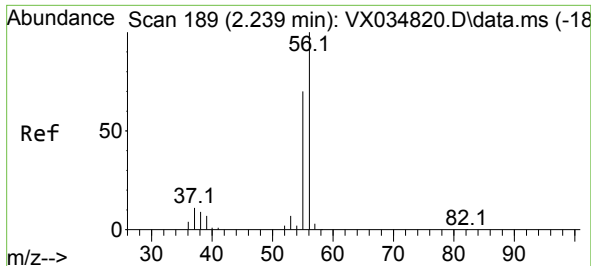
Tgt Ion: 59 Resp: 58437  
Ion Ratio Lower Upper  
59 100  
57 5.5 8.1 12.1#



#12  
1,1-Dichloroethene  
Concen: 19.040 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

Tgt Ion: 96 Resp: 52068  
Ion Ratio Lower Upper  
96 100  
61 174.9 128.8 193.2  
98 66.9 51.4 77.0





#13

Acrolein

Concen: 107.926 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX035042.D

Acq: 12 Apr 2023 13:26

Instrument :

MSVOA\_X

ClientSampleId :

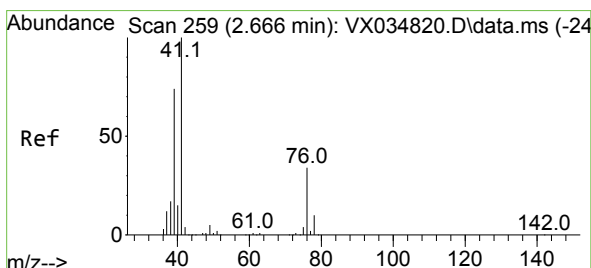
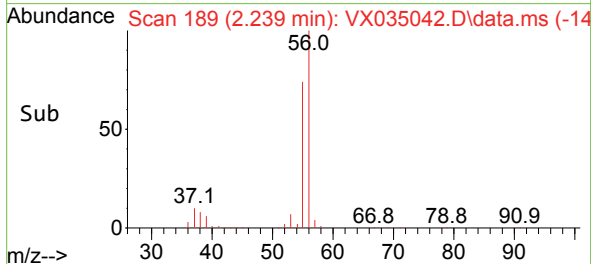
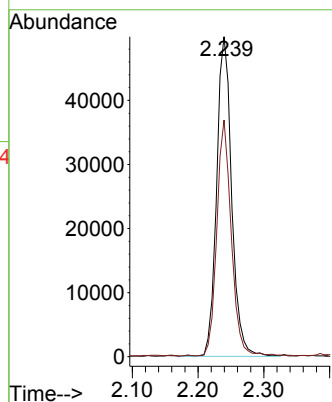
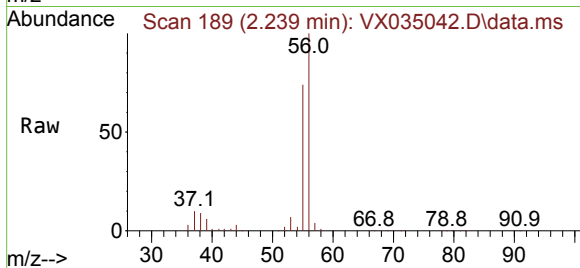
VX0413MBS01

Tgt Ion: 56 Resp: 79409

Ion Ratio Lower Upper

56 100

55 71.1 56.6 85.0



#14

Allyl chloride

Concen: 19.140 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX035042.D

Acq: 12 Apr 2023 13:26

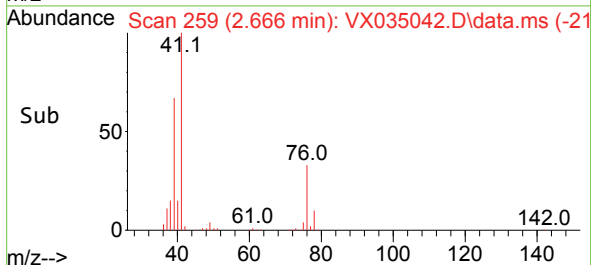
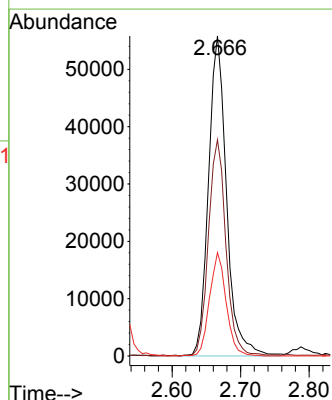
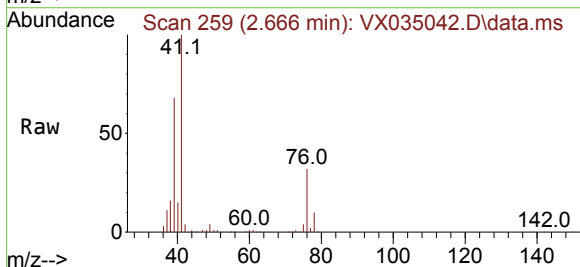
Tgt Ion: 41 Resp: 102539

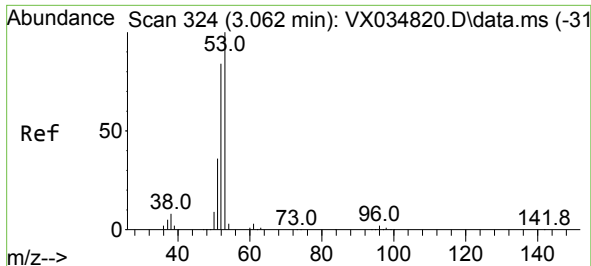
Ion Ratio Lower Upper

41 100

39 65.8 52.4 78.6

76 29.7 26.0 39.0

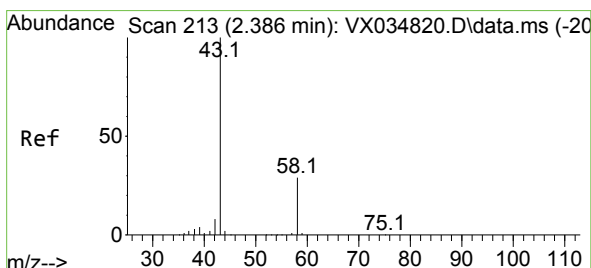
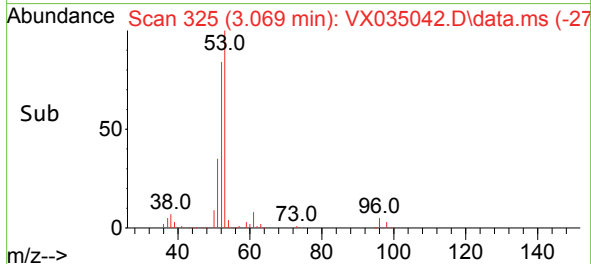
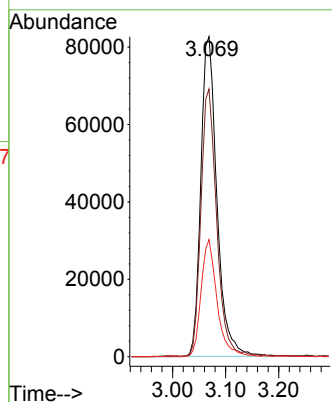
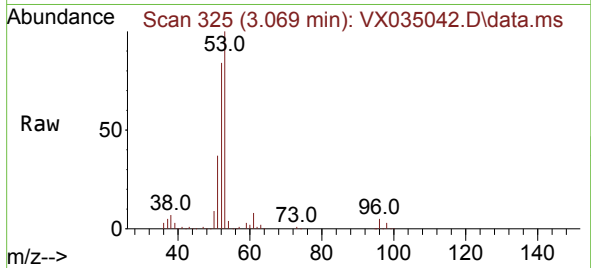




#15  
Acrylonitrile  
Concen: 108.125 ug/l  
RT: 3.069 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

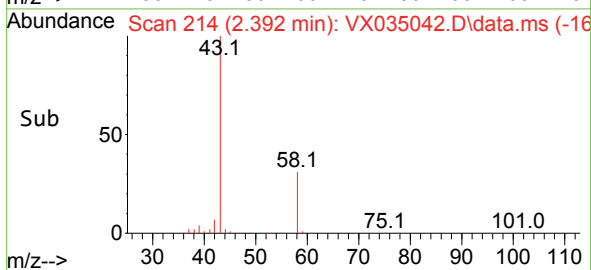
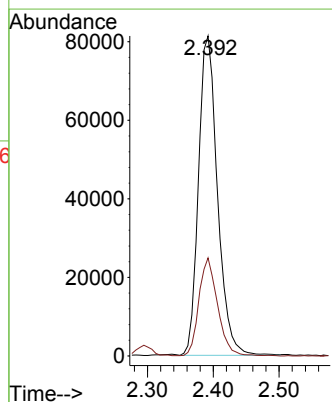
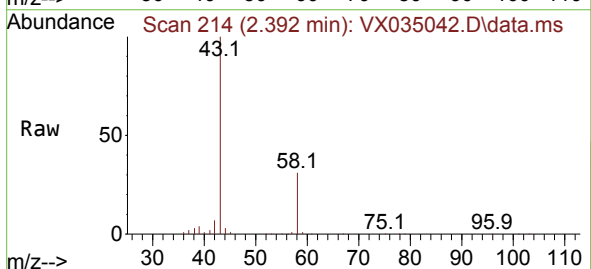
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0413MBS01

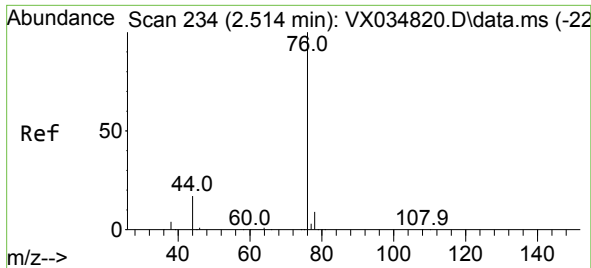
Tgt Ion: 53 Resp: 173960  
Ion Ratio Lower Upper  
53 100  
52 82.4 66.2 99.2  
51 35.7 28.3 42.5



#16  
Acetone  
Concen: 98.527 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.006 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

Tgt Ion: 43 Resp: 163052  
Ion Ratio Lower Upper  
43 100  
58 30.7 24.7 37.1

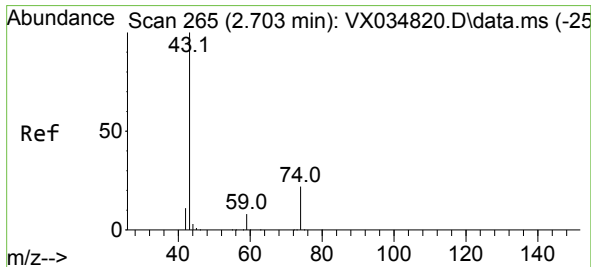
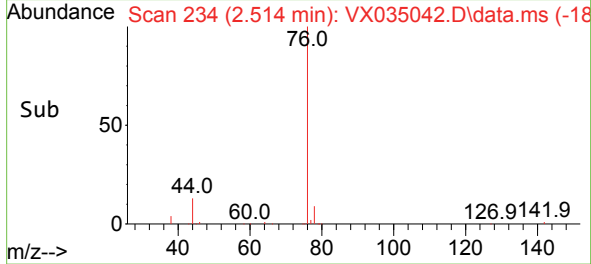
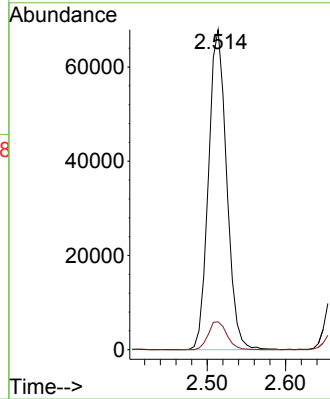
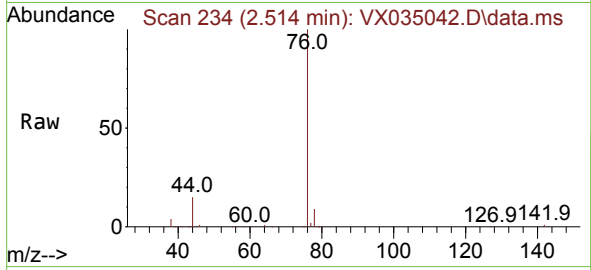




#17  
Carbon Disulfide  
Concen: 15.966 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

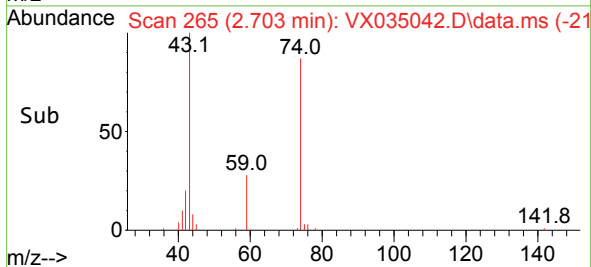
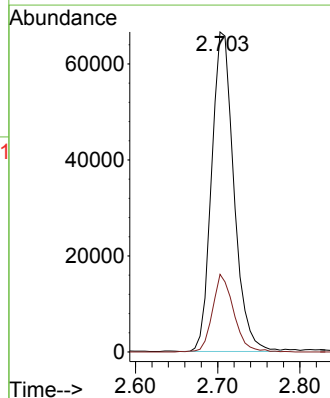
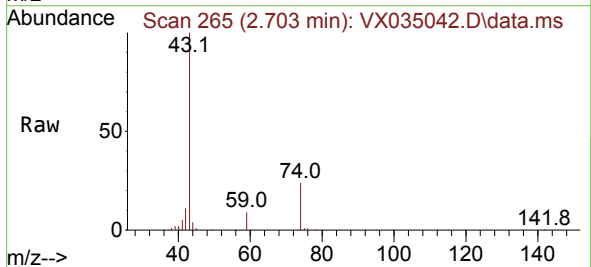
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0413MBS01

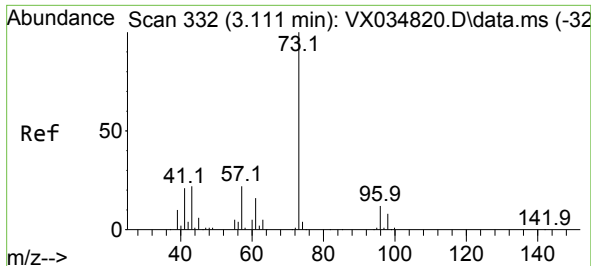
Tgt Ion: 76 Resp: 109347  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.2 10.8



#18  
Methyl Acetate  
Concen: 21.334 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. 0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

Tgt Ion: 43 Resp: 125441  
Ion Ratio Lower Upper  
43 100  
74 23.2 18.3 27.5

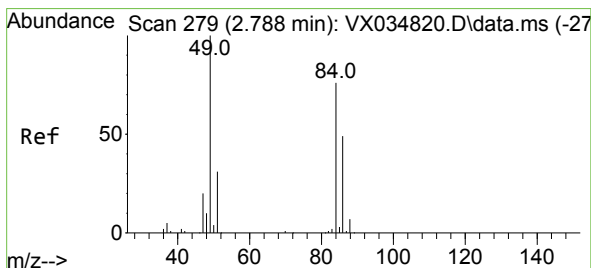
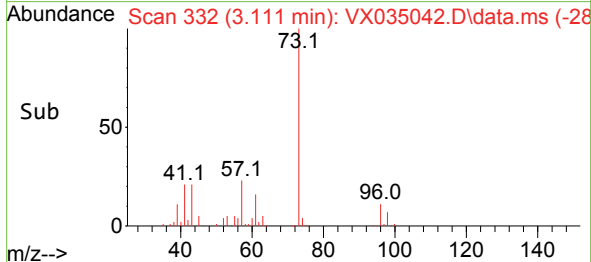
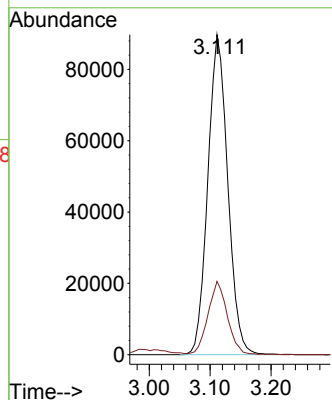
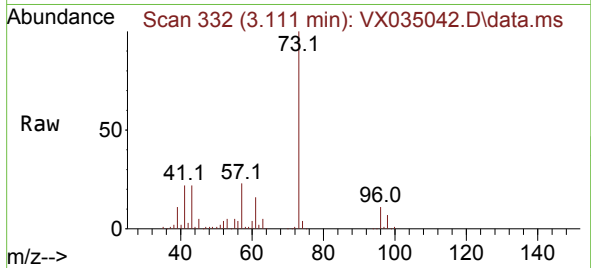




#19  
Methyl tert-butyl Ether  
Concen: 20.161 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

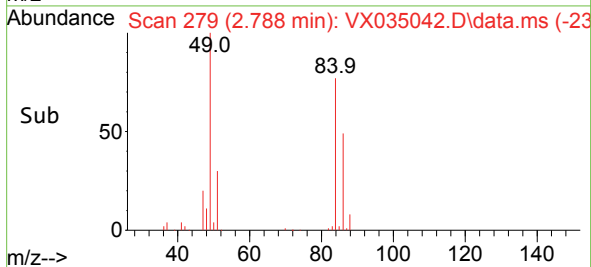
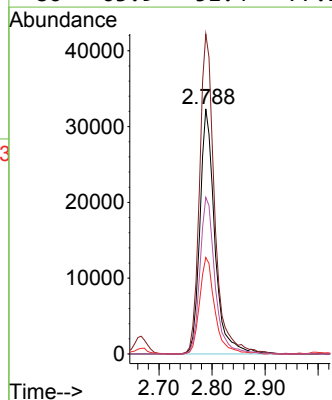
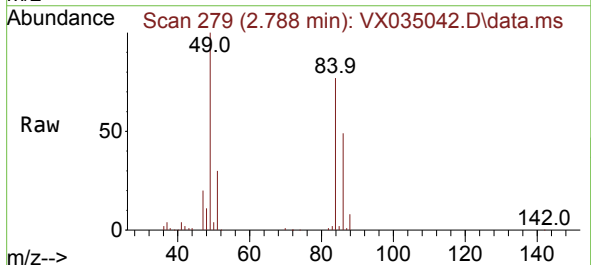
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0413MBS01

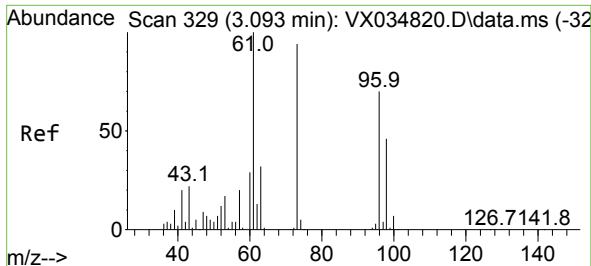
Tgt Ion: 73 Resp: 204124  
Ion Ratio Lower Upper  
73 100  
57 22.8 18.5 27.7



#20  
Methylene Chloride  
Concen: 19.364 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

Tgt Ion: 84 Resp: 63237  
Ion Ratio Lower Upper  
84 100  
49 130.5 103.8 155.8  
51 39.3 31.8 47.8  
86 63.9 51.4 77.2

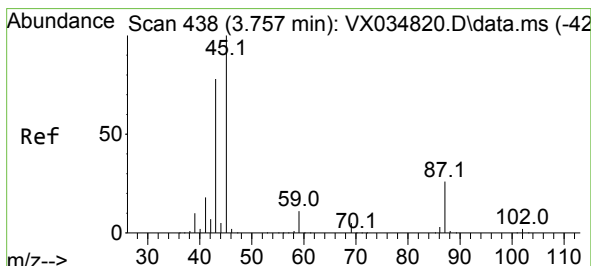
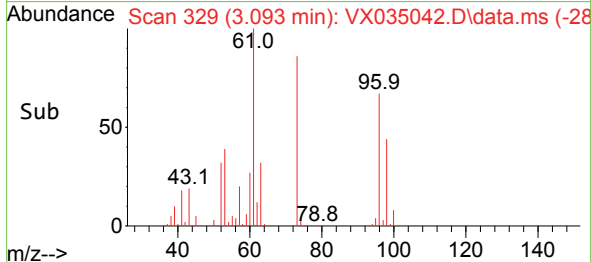
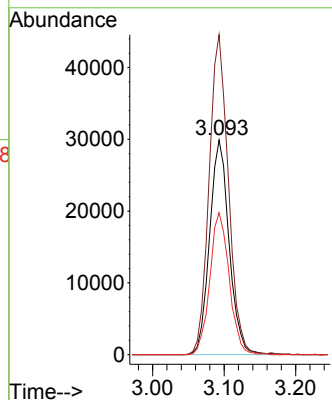
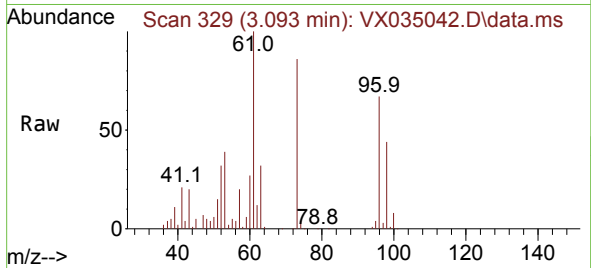




#21  
trans-1,2-Dichloroethene  
Concen: 19.025 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

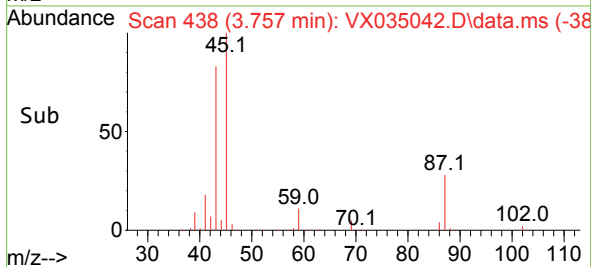
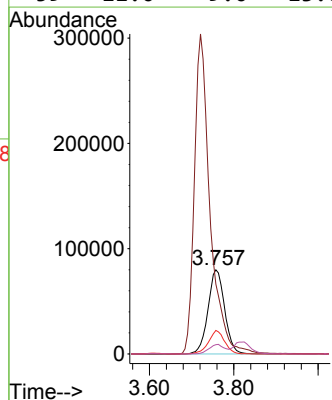
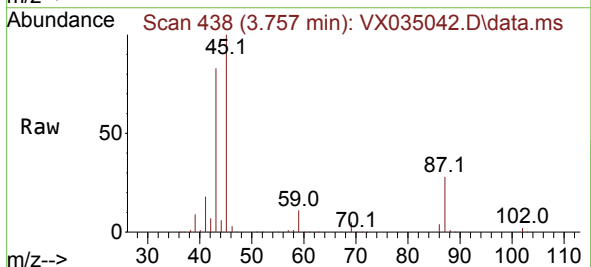
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0413MBS01

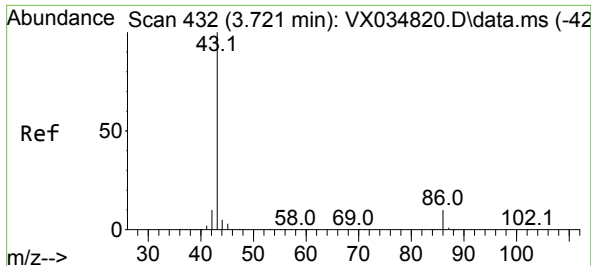
Tgt Ion: 96 Resp: 56739  
Ion Ratio Lower Upper  
96 100  
61 149.1 113.0 169.6  
98 66.1 52.1 78.1



#22  
Diisopropyl ether  
Concen: 20.249 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

Tgt Ion: 45 Resp: 218891  
Ion Ratio Lower Upper  
45 100  
43 82.8 65.4 98.2  
87 28.0 20.6 31.0  
59 11.0 9.0 13.6





#23

Vinyl Acetate

Concen: 102.243 ug/l

RT: 3.721 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX035042.D

Acq: 12 Apr 2023 13:26

Instrument :

MSVOA\_X

ClientSampleId :

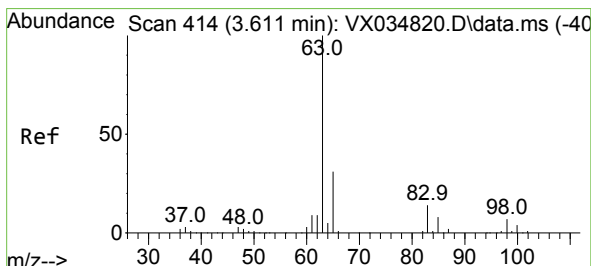
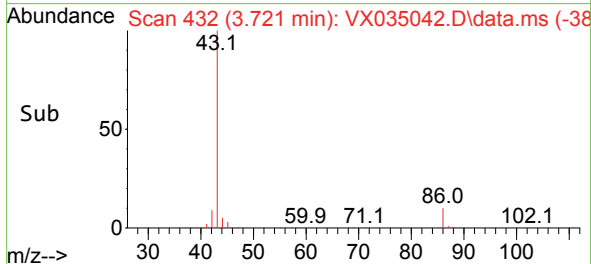
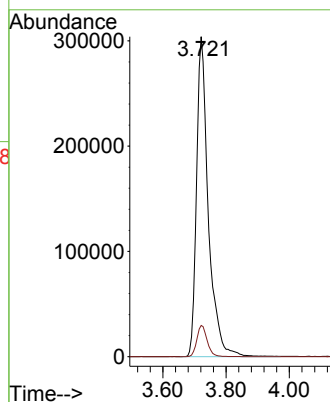
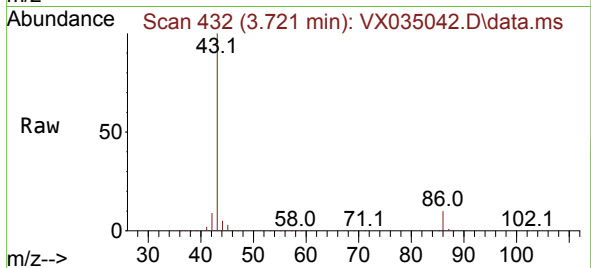
VX0413MBS01

Tgt Ion: 43 Resp: 788238

Ion Ratio Lower Upper

43 100

86 9.7 8.5 12.7



#24

1,1-Dichloroethane

Concen: 19.771 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX035042.D

Acq: 12 Apr 2023 13:26

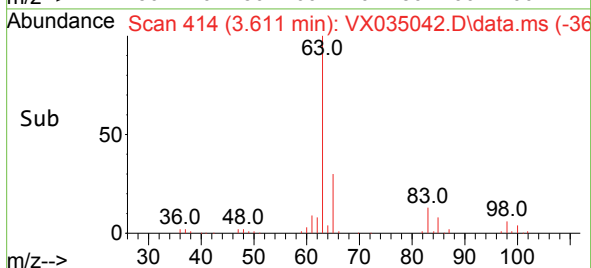
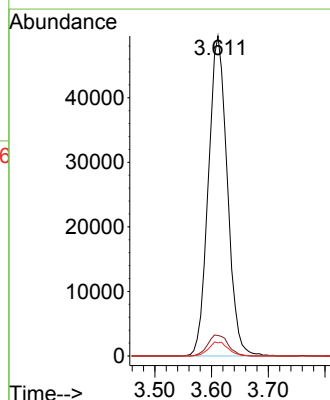
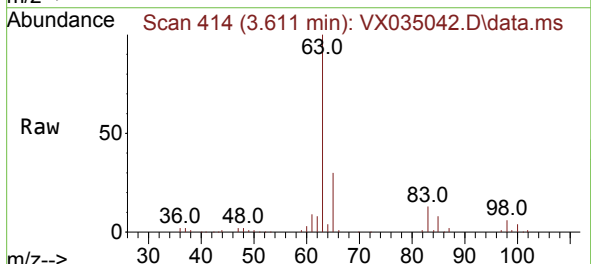
Tgt Ion: 63 Resp: 114991

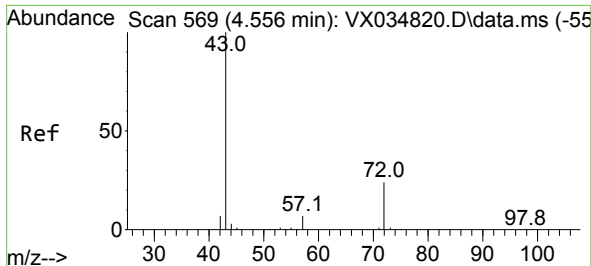
Ion Ratio Lower Upper

63 100

98 6.4 3.8 11.2

100 4.1 2.4 7.1

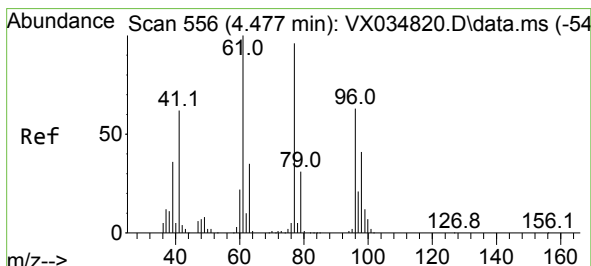
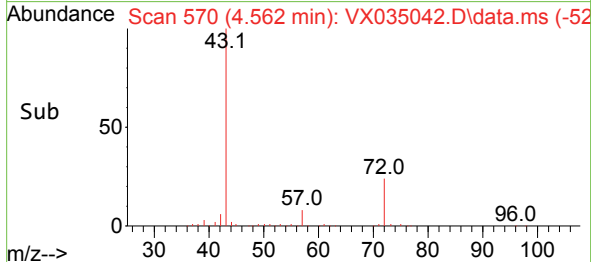
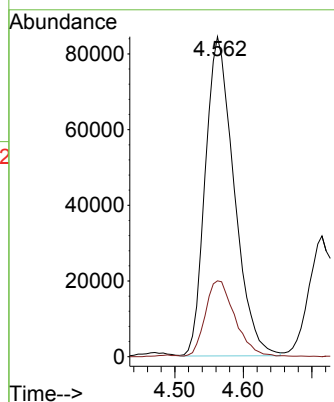
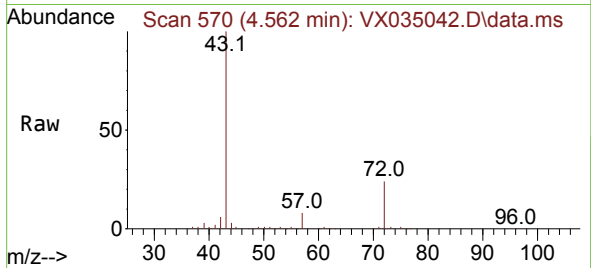




#25  
2-Butanone  
Concen: 102.263 ug/l  
RT: 4.562 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

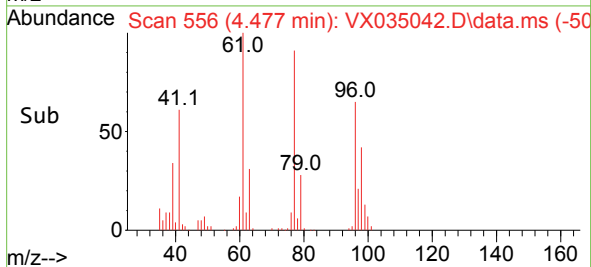
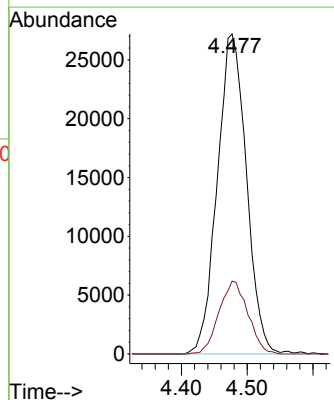
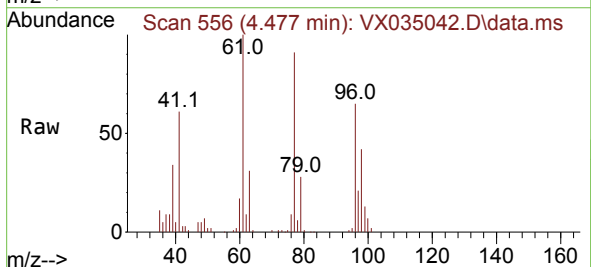
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0413MBS01

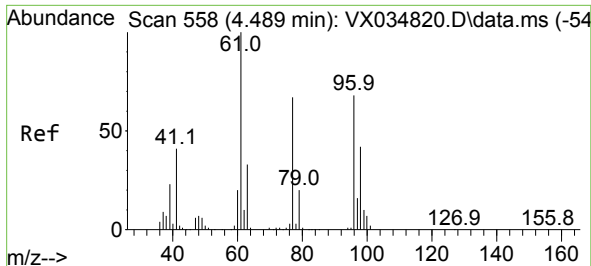
Tgt Ion: 43 Resp: 246176  
Ion Ratio Lower Upper  
43 100  
72 23.6 19.3 28.9



#26  
2,2-Dichloropropane  
Concen: 17.496 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

Tgt Ion: 77 Resp: 83682  
Ion Ratio Lower Upper  
77 100  
97 22.6 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 19.624 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX035042.D

Acq: 12 Apr 2023 13:26

Instrument :

MSVOA\_X

ClientSampleId :

VX0413MBS01

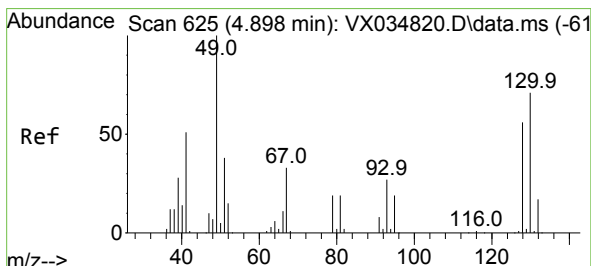
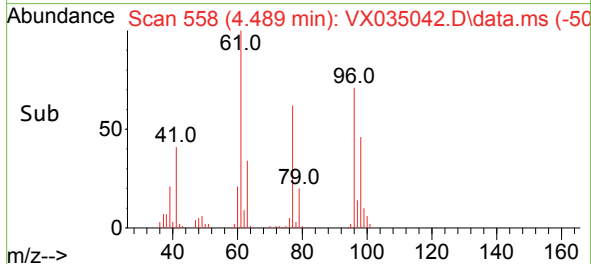
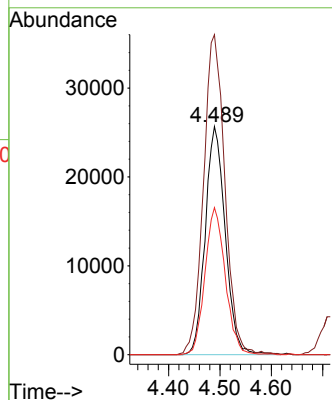
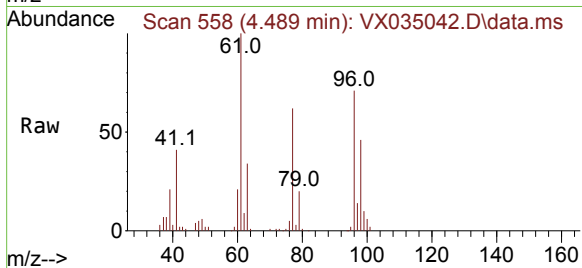
Tgt Ion: 96 Resp: 69350

Ion Ratio Lower Upper

96 100

61 149.4 0.0 300.4

98 65.5 0.0 129.0



#28

Bromochloromethane

Concen: 21.655 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX035042.D

Acq: 12 Apr 2023 13:26

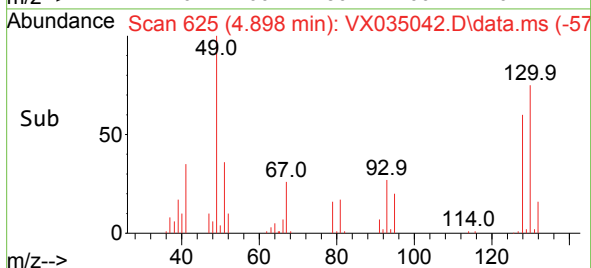
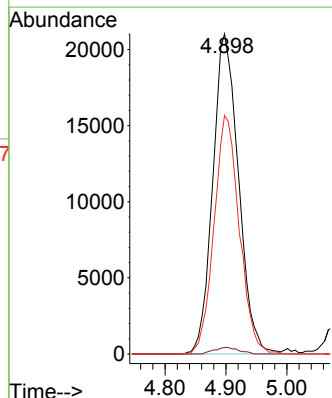
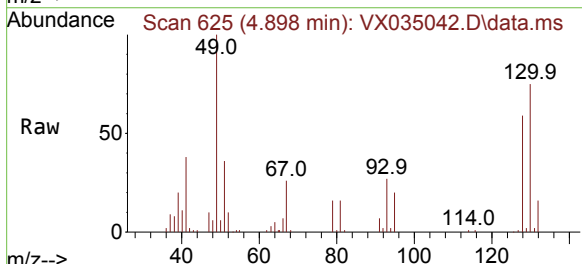
Tgt Ion: 49 Resp: 61611

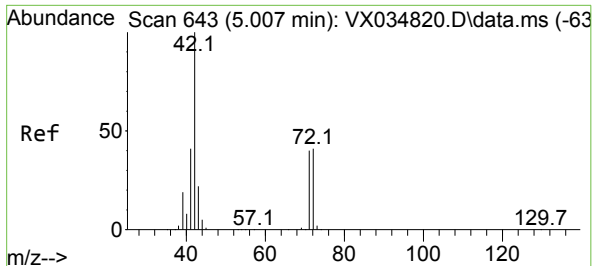
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 73.2 58.2 87.2





#29

Tetrahydrofuran

Concen: 102.763 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX035042.D

Acq: 12 Apr 2023 13:26

Instrument :

MSVOA\_X

ClientSampleId :

VX0413MBS01

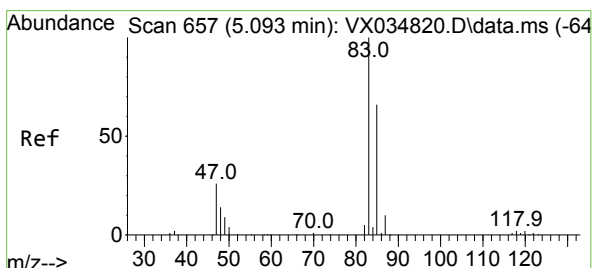
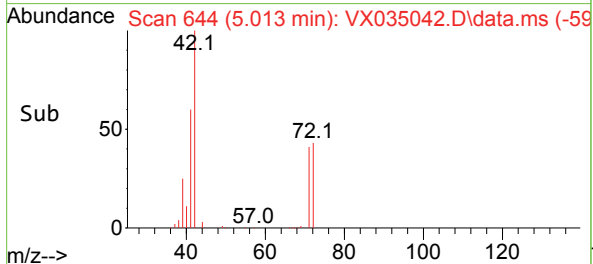
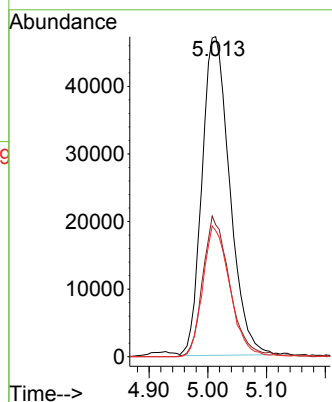
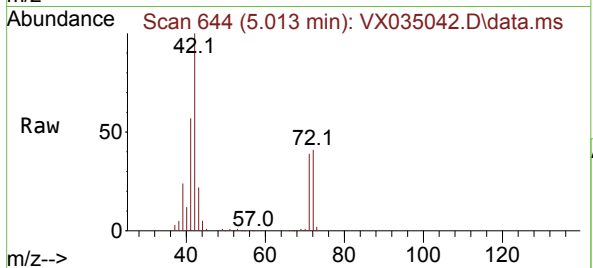
Tgt Ion: 42 Resp: 154972

Ion Ratio Lower Upper

42 100

72 43.0 34.5 51.7

71 39.9 32.1 48.1



#30

Chloroform

Concen: 19.851 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX035042.D

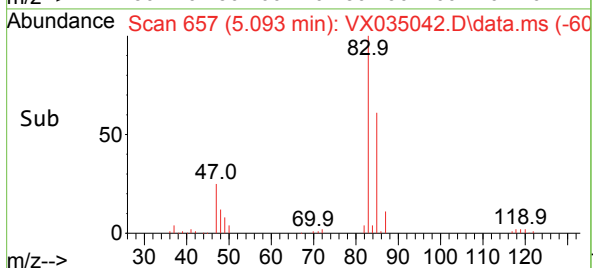
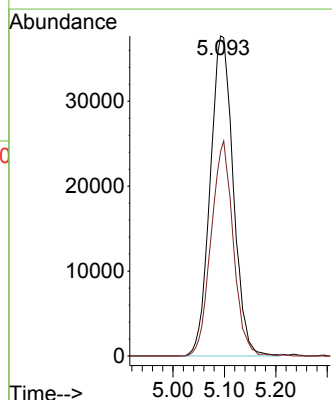
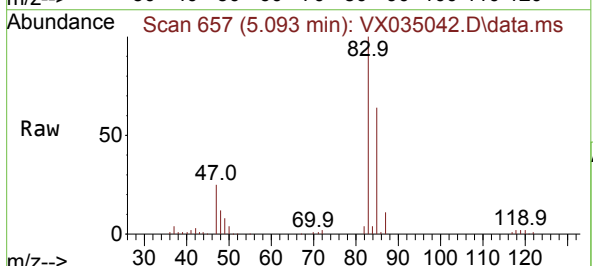
Acq: 12 Apr 2023 13:26

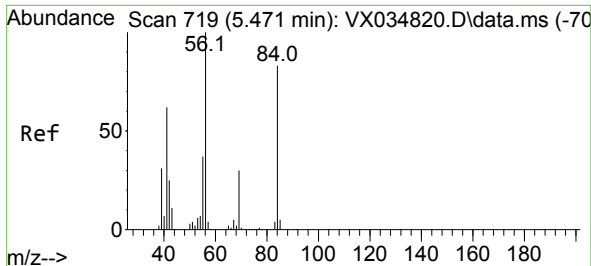
Tgt Ion: 83 Resp: 117267

Ion Ratio Lower Upper

83 100

85 64.0 50.6 76.0

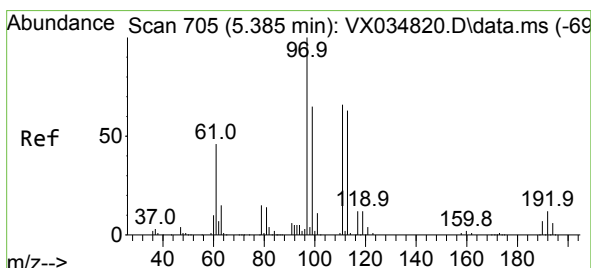
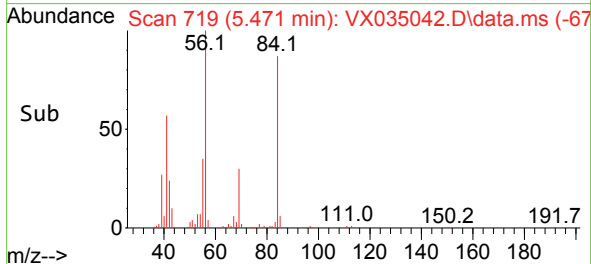
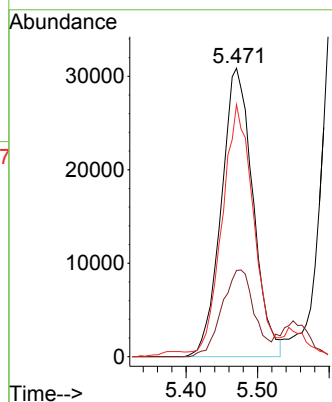
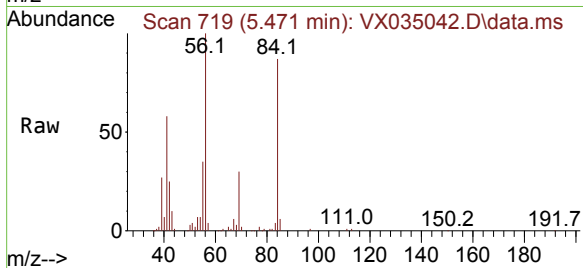




#31  
Cyclohexane  
Concen: 19.156 ug/l  
RT: 5.471 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

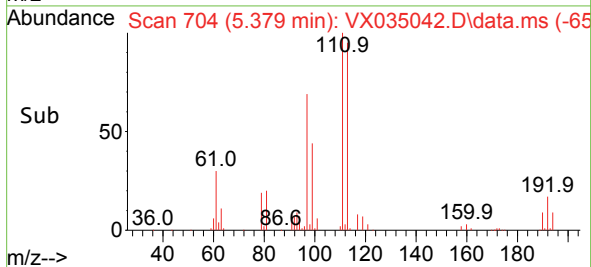
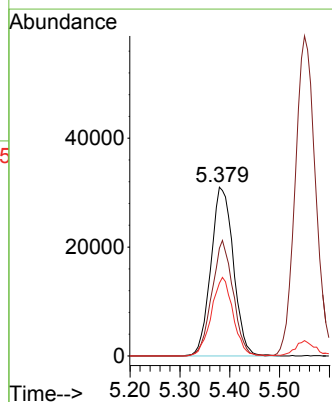
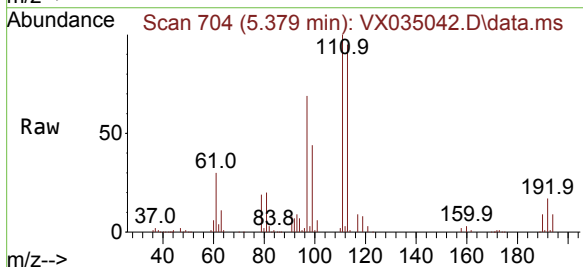
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0413MBS01

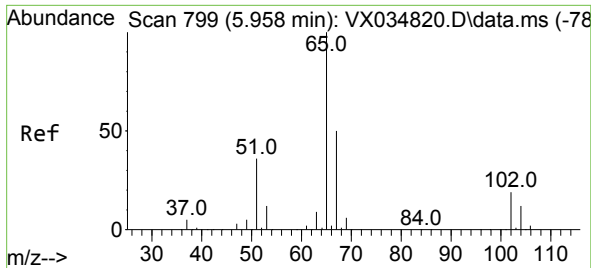
Tgt Ion: 56 Resp: 95025  
Ion Ratio Lower Upper  
56 100  
69 29.9 23.7 35.5  
84 85.6 68.5 102.7



#32  
1,1,1-Trichloroethane  
Concen: 19.270 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

Tgt Ion: 97 Resp: 97143  
Ion Ratio Lower Upper  
97 100  
99 64.5 51.1 76.7  
61 45.0 36.5 54.7

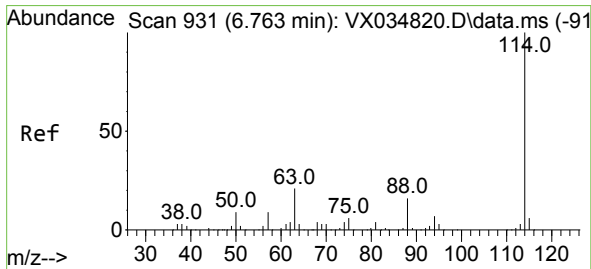
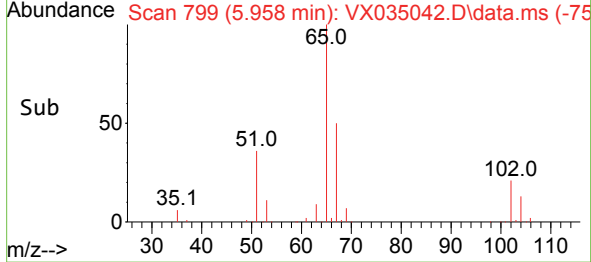
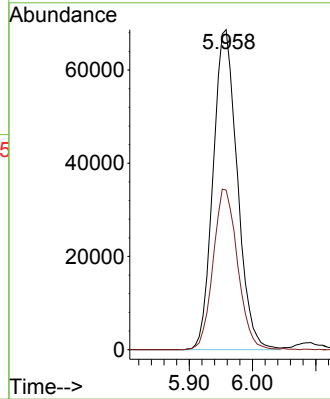
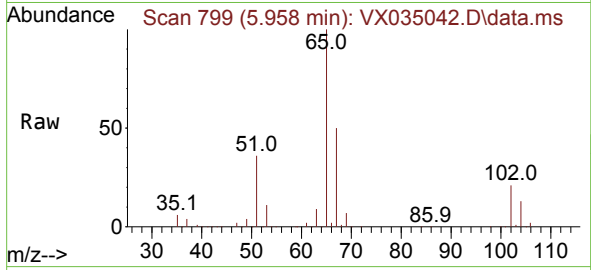




#33  
 1,2-Dichloroethane-d4  
 Concen: 44.788 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. 0.000 min  
 Lab File: VX035042.D  
 Acq: 12 Apr 2023 13:26

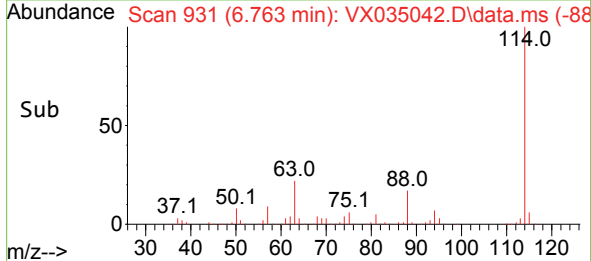
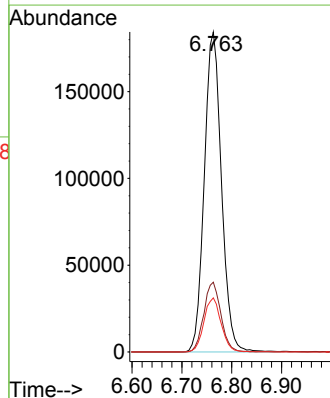
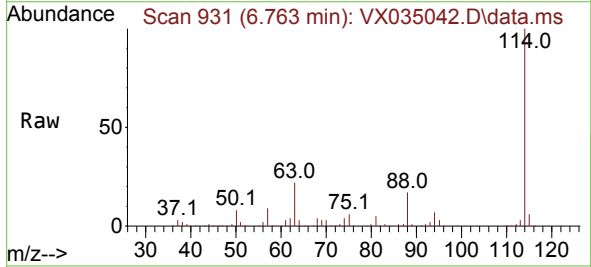
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0413MBS01

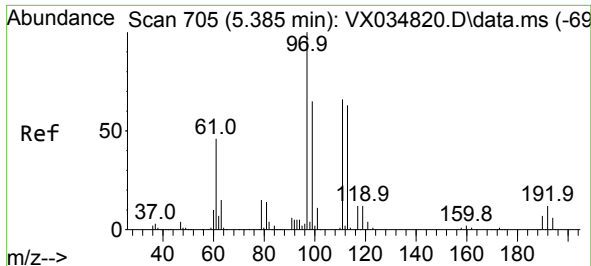
Tgt Ion: 65 Resp: 182458  
 Ion Ratio Lower Upper  
 65 100  
 67 50.8 0.0 104.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. 0.000 min  
 Lab File: VX035042.D  
 Acq: 12 Apr 2023 13:26

Tgt Ion: 114 Resp: 440663  
 Ion Ratio Lower Upper  
 114 100  
 63 21.8 0.0 42.2  
 88 16.9 0.0 33.2

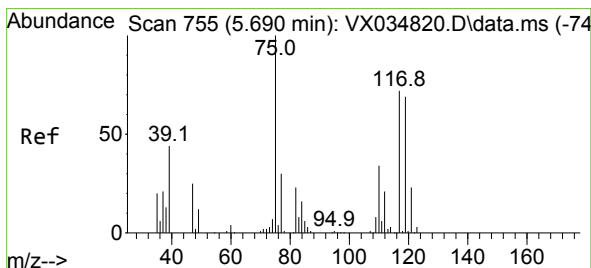
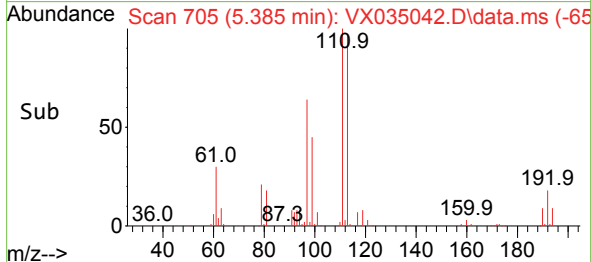
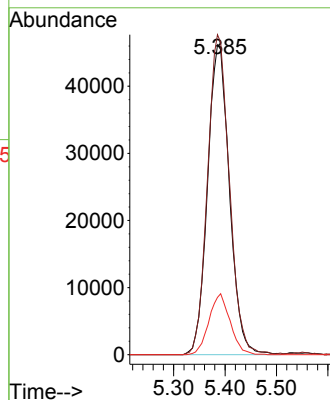
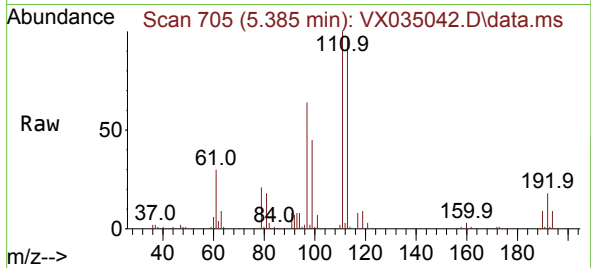




#35  
Dibromofluoromethane  
Concen: 46.856 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

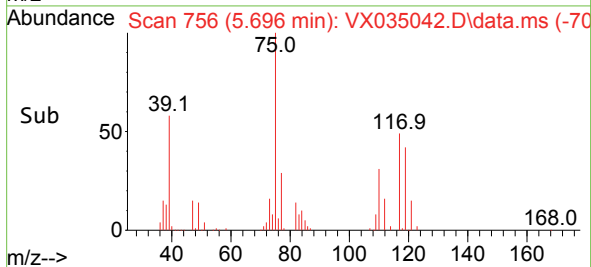
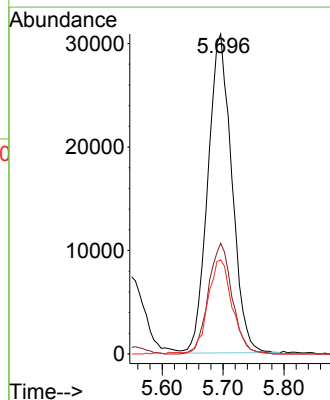
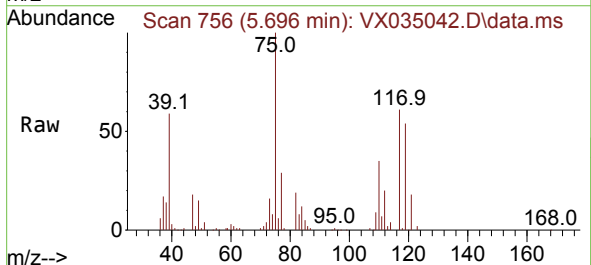
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0413MBS01

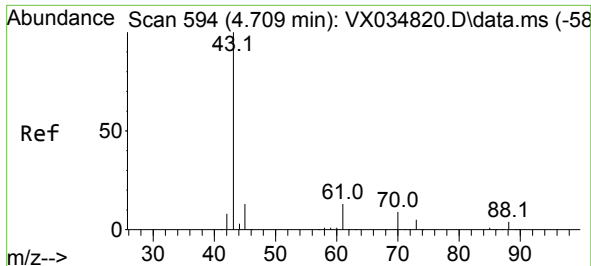
Tgt Ion:113 Resp: 136567  
Ion Ratio Lower Upper  
113 100  
111 103.0 83.7 125.5  
192 19.1 15.4 23.2



#36  
1,1-Dichloropropene  
Concen: 19.473 ug/l  
RT: 5.696 min Scan# 756  
Delta R.T. 0.006 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

Tgt Ion: 75 Resp: 84086  
Ion Ratio Lower Upper  
75 100  
110 34.6 17.5 52.5  
77 30.1 24.3 36.5





#37

Ethyl Acetate

Concen: 20.585 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX035042.D

Acq: 12 Apr 2023 13:26

Instrument :

MSVOA\_X

ClientSampleId :

VX0413MBS01

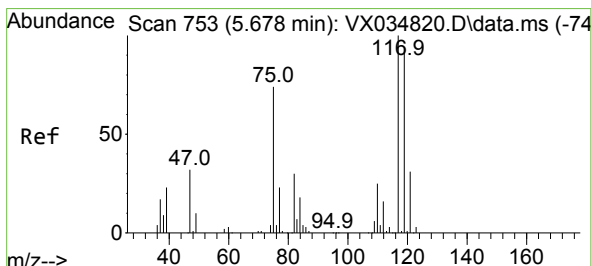
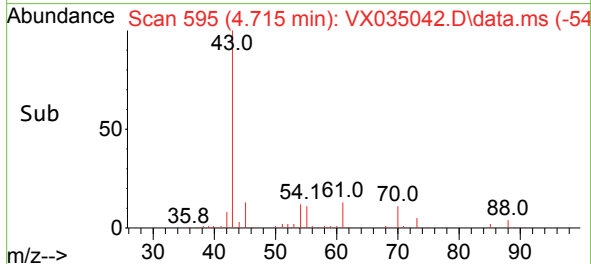
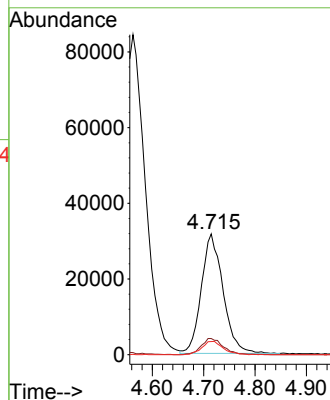
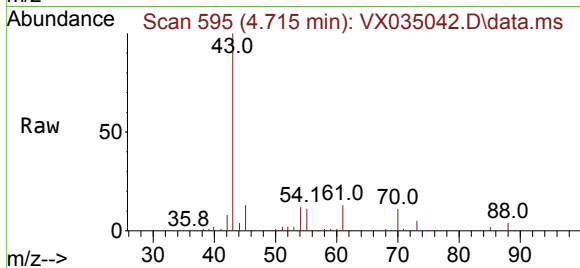
Tgt Ion: 43 Resp: 92943

Ion Ratio Lower Upper

43 100

61 13.8 10.2 15.4

70 10.8 8.2 12.4



#38

Carbon Tetrachloride

Concen: 19.663 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX035042.D

Acq: 12 Apr 2023 13:26

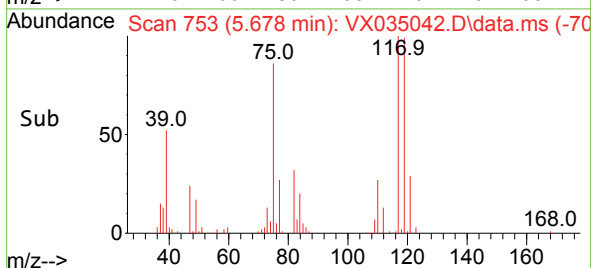
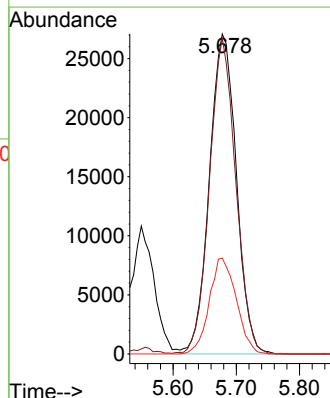
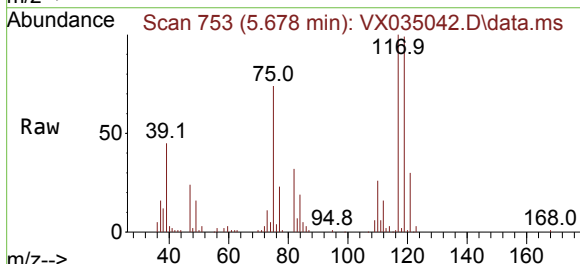
Tgt Ion: 117 Resp: 80050

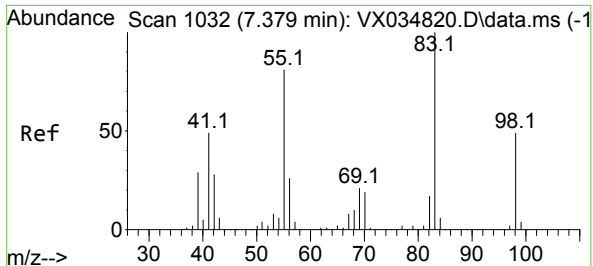
Ion Ratio Lower Upper

117 100

119 98.5 76.6 114.8

121 29.9 23.8 35.6





#39

Methylcyclohexane

Concen: 19.250 ug/l

RT: 7.379 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035042.D

Acq: 12 Apr 2023 13:26

Instrument :

MSVOA\_X

ClientSampleId :

VX0413MBS01

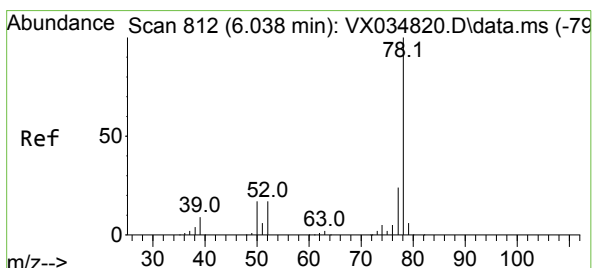
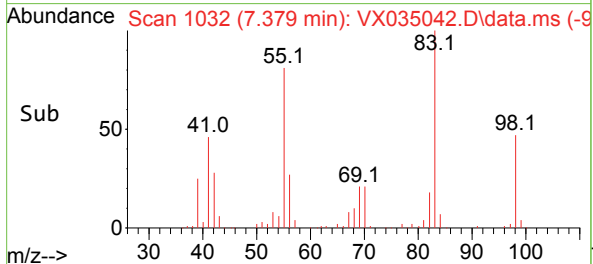
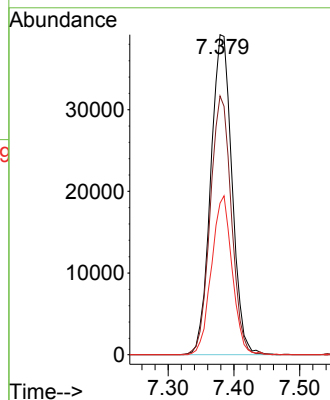
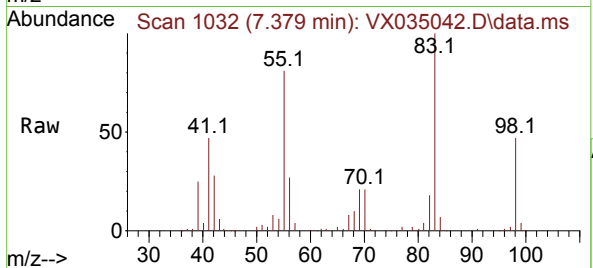
Tgt Ion: 83 Resp: 88270

Ion Ratio Lower Upper

83 100

55 80.8 60.5 90.7

98 47.3 40.4 60.6



#40

Benzene

Concen: 20.148 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX035042.D

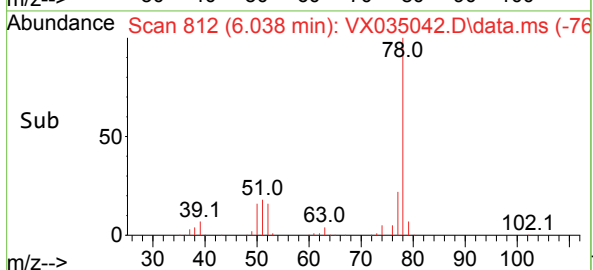
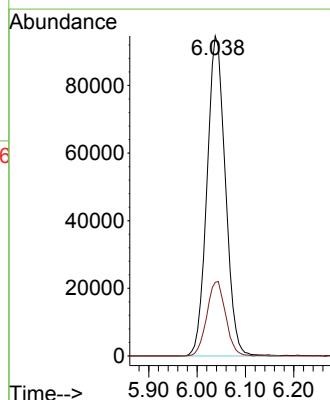
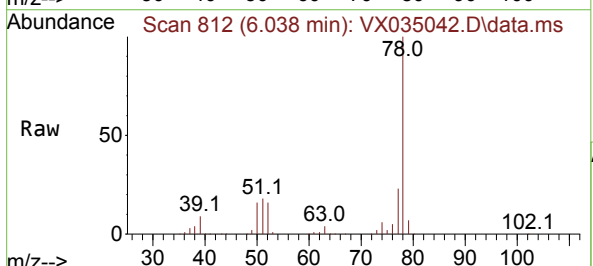
Acq: 12 Apr 2023 13:26

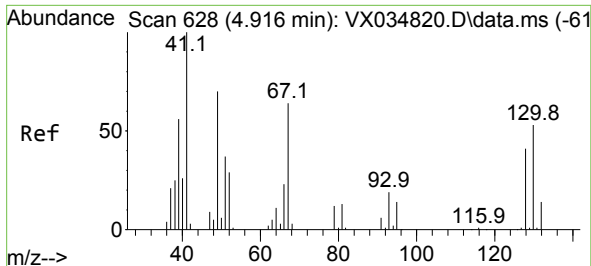
Tgt Ion: 78 Resp: 249739

Ion Ratio Lower Upper

78 100

77 23.0 19.0 28.4

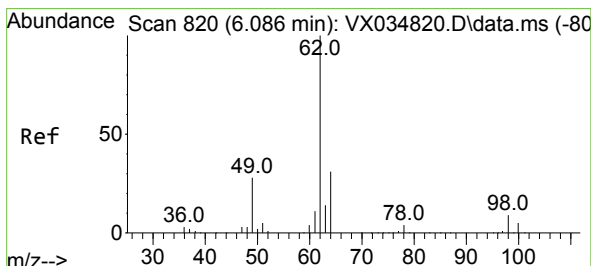
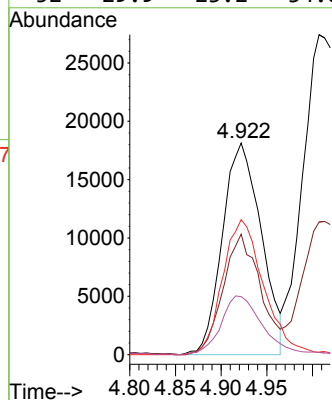
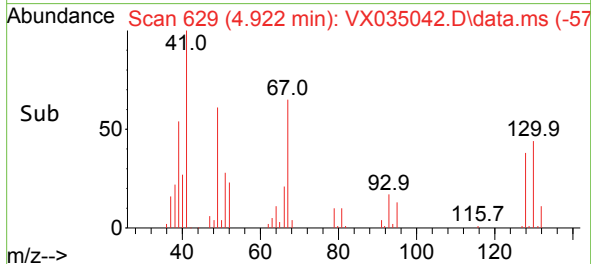
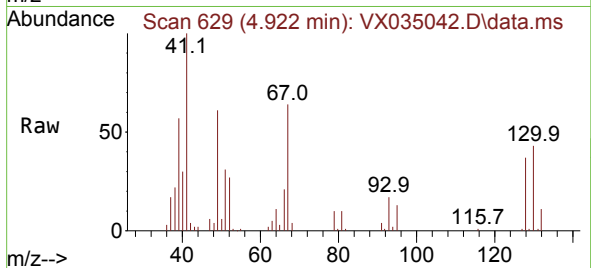




#41  
Methacrylonitrile  
Concen: 21.860 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

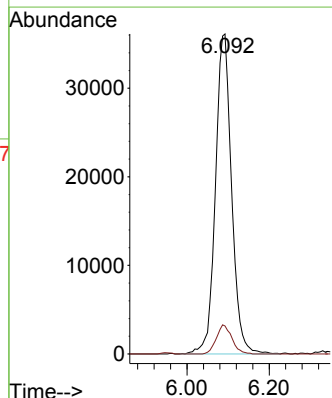
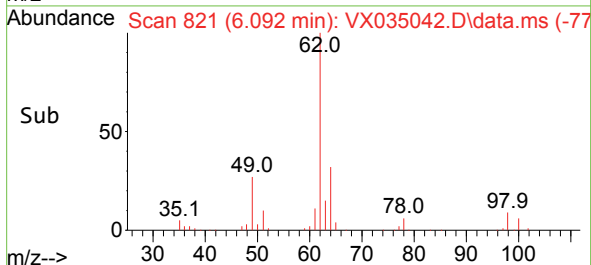
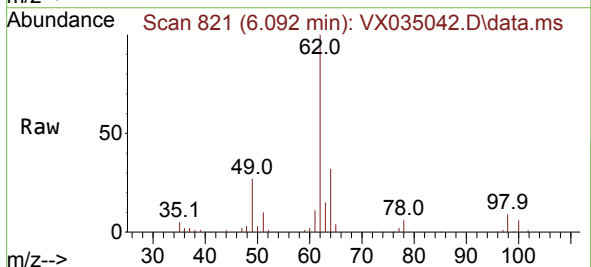
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0413MBS01

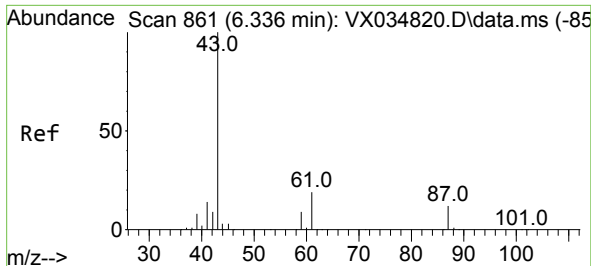
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 53676 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 54.7  | 45.0  | 67.6  |
| 67       | 67.6  | 55.6  | 83.4  |
| 52       | 29.9  | 23.2  | 34.8  |



#42  
1,2-Dichloroethane  
Concen: 19.981 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. 0.006 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 98467 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.8   | 0.0   | 18.0  |





#43

Isopropyl Acetate

Concen: 20.206 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX035042.D

Acq: 12 Apr 2023 13:26

Instrument :

MSVOA\_X

ClientSampleId :

VX0413MBS01

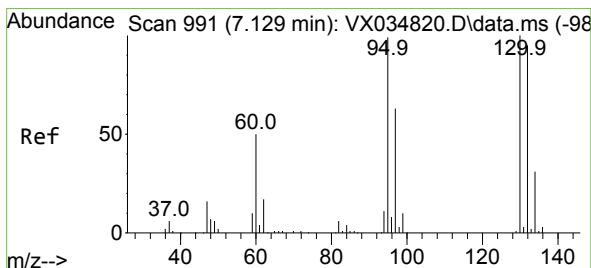
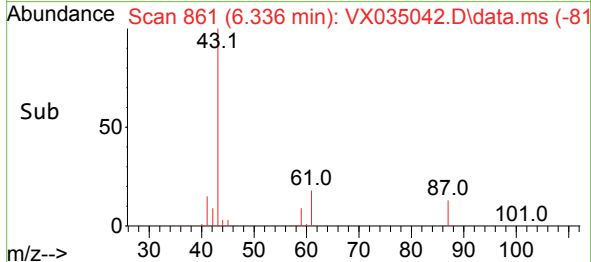
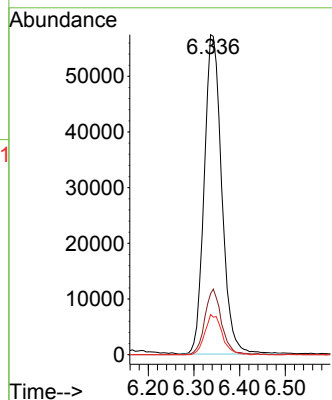
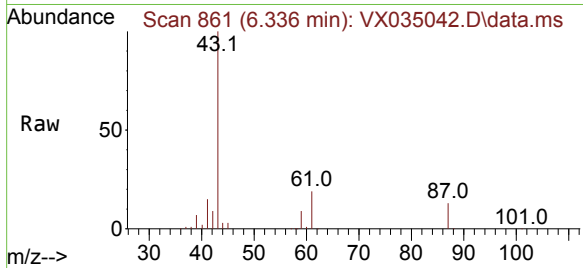
Tgt Ion: 43 Resp: 152637

Ion Ratio Lower Upper

43 100

61 19.5 15.2 22.8

87 12.4 9.8 14.8



#44

Trichloroethene

Concen: 20.494 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX035042.D

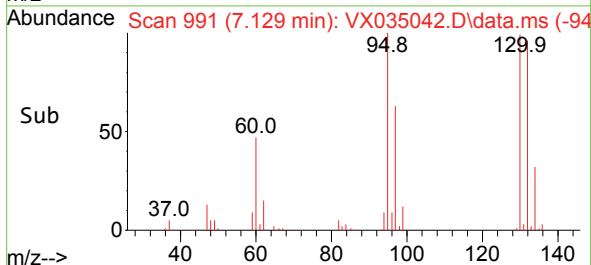
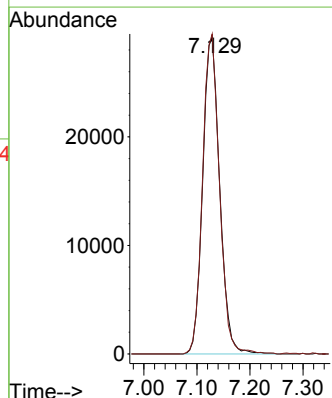
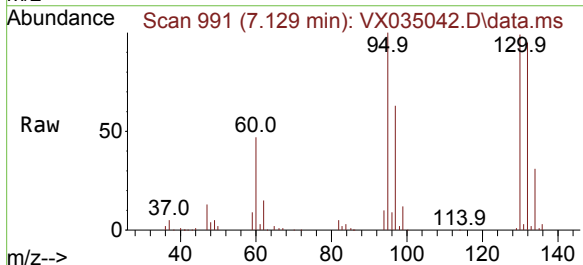
Acq: 12 Apr 2023 13:26

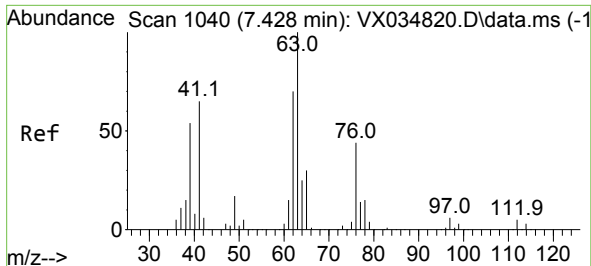
Tgt Ion:130 Resp: 64848

Ion Ratio Lower Upper

130 100

95 100.9 0.0 198.4

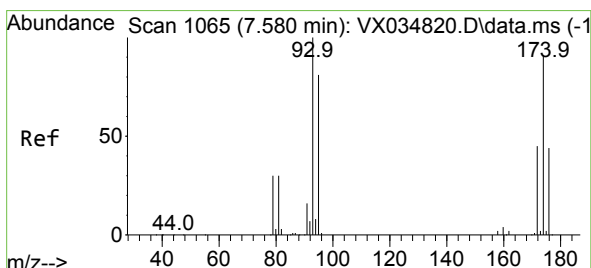
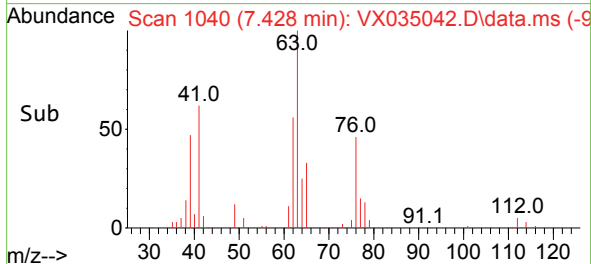
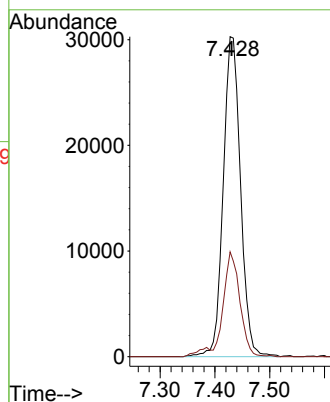
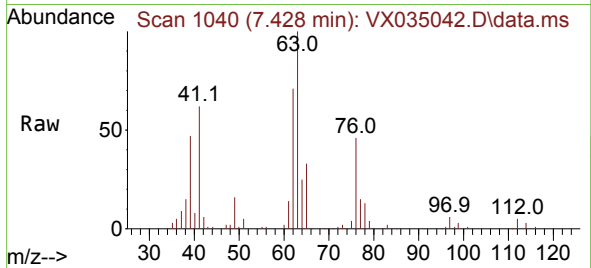




#45  
1,2-Dichloropropane  
Concen: 20.602 ug/l  
RT: 7.428 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

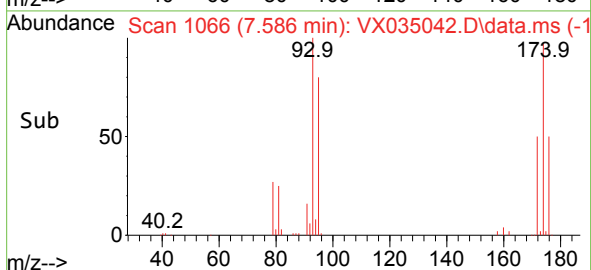
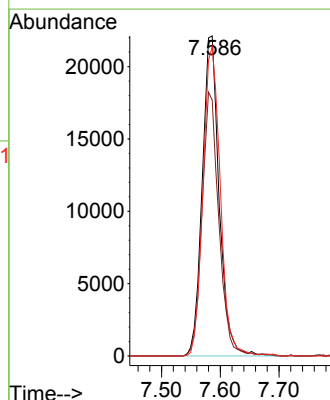
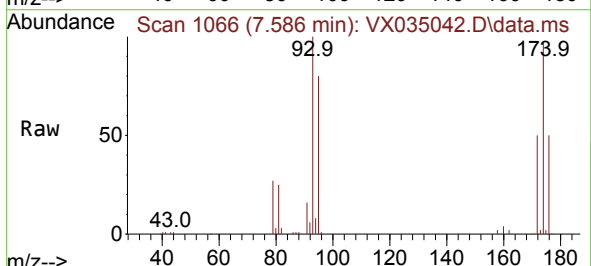
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0413MBS01

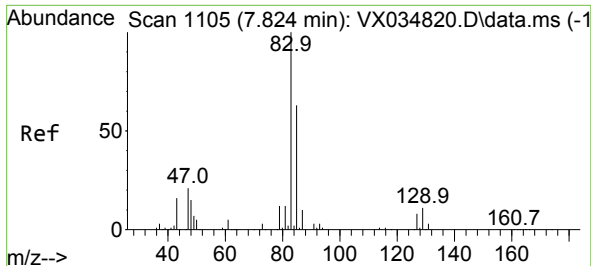
Tgt Ion: 63 Resp: 66546  
Ion Ratio Lower Upper  
63 100  
65 32.7 24.6 37.0



#46  
Dibromomethane  
Concen: 19.882 ug/l  
RT: 7.586 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

Tgt Ion: 93 Resp: 44187  
Ion Ratio Lower Upper  
93 100  
95 82.1 66.9 100.3  
174 98.6 75.4 113.0



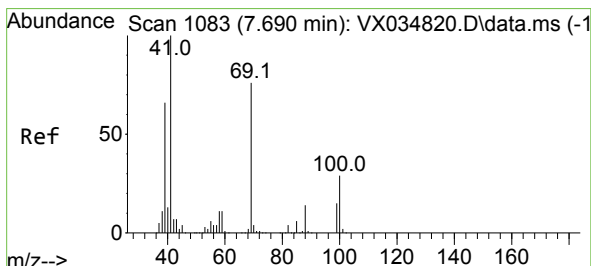
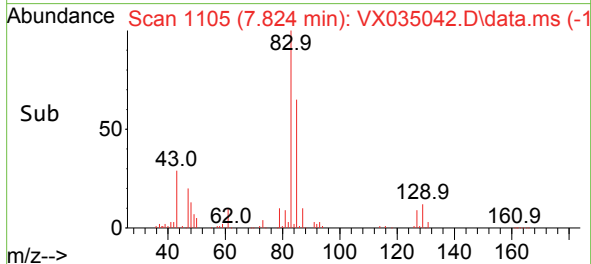
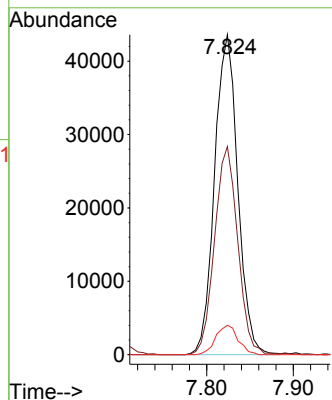
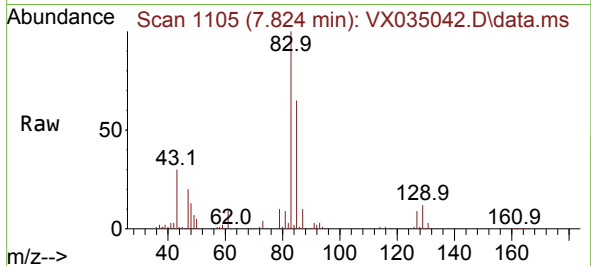


#47  
 Bromodichloromethane  
 Concen: 19.769 ug/l  
 RT: 7.824 min Scan# 1105  
 Delta R.T. 0.000 min  
 Lab File: VX035042.D  
 Acq: 12 Apr 2023 13:26

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0413MBS01

Tgt Ion: 83 Resp: 81157  

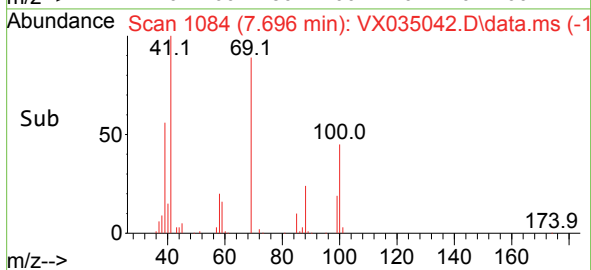
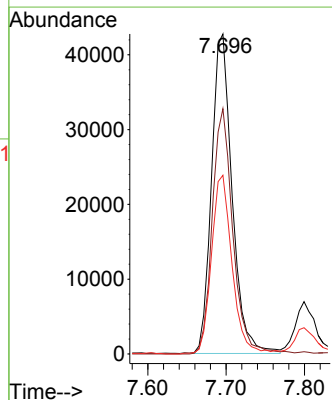
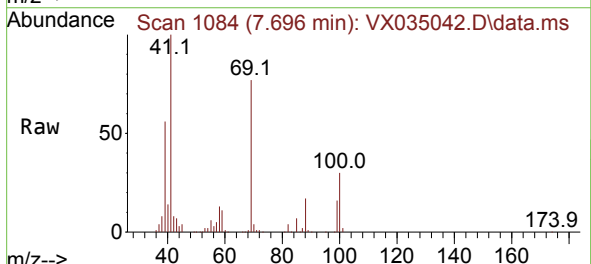
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.1  | 52.2  | 78.4  |
| 127 | 9.2   | 6.6   | 9.8   |

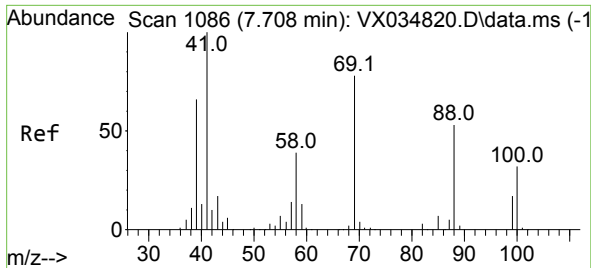


#48  
 Methyl methacrylate  
 Concen: 21.016 ug/l  
 RT: 7.696 min Scan# 1084  
 Delta R.T. 0.006 min  
 Lab File: VX035042.D  
 Acq: 12 Apr 2023 13:26

Tgt Ion: 41 Resp: 77962  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 76.7  | 62.2  | 93.4  |
| 39  | 56.0  | 47.7  | 71.5  |





#49

1,4-Dioxane

Concen: 356.259 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. 0.000 min

Lab File: VX035042.D

Acq: 12 Apr 2023 13:26

Instrument :

MSVOA\_X

ClientSampleId :

VX0413MBS01

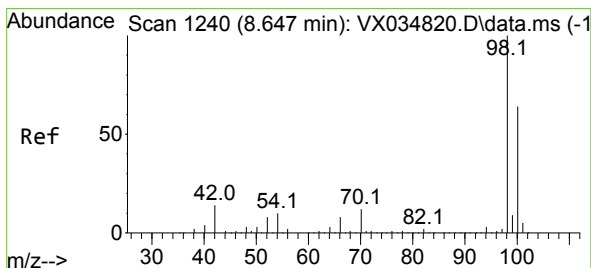
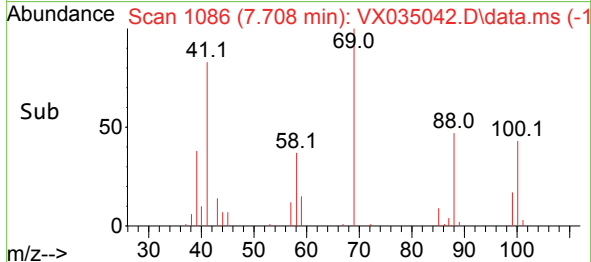
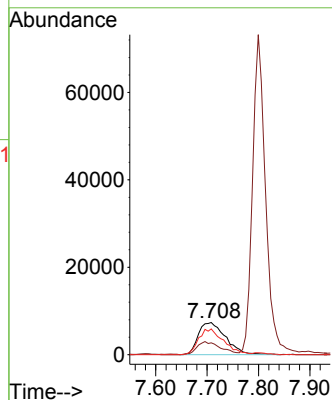
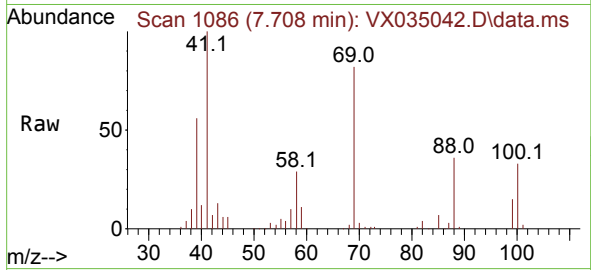
Tgt Ion: 88 Resp: 27236

Ion Ratio Lower Upper

88 100

43 35.8 27.7 41.5

58 73.7 56.8 85.2



#50

Toluene-d8

Concen: 46.288 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX035042.D

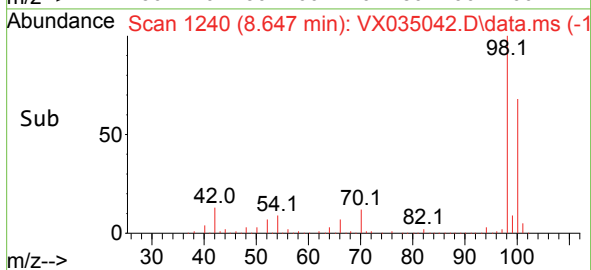
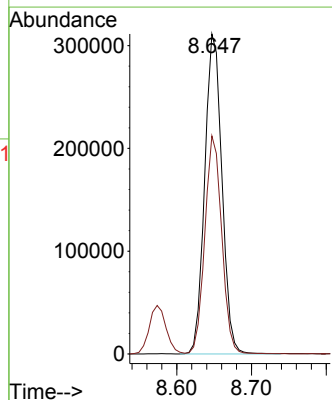
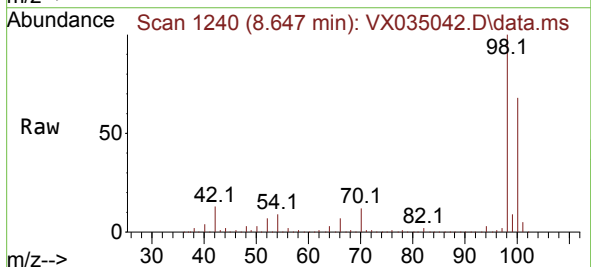
Acq: 12 Apr 2023 13:26

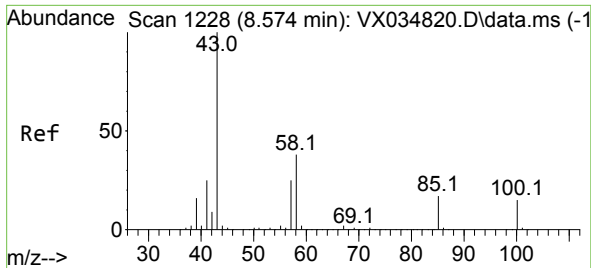
Tgt Ion: 98 Resp: 497968

Ion Ratio Lower Upper

98 100

100 66.8 52.5 78.7

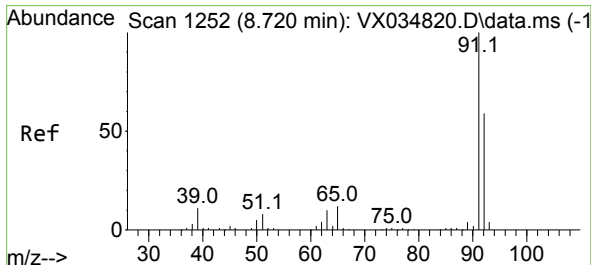
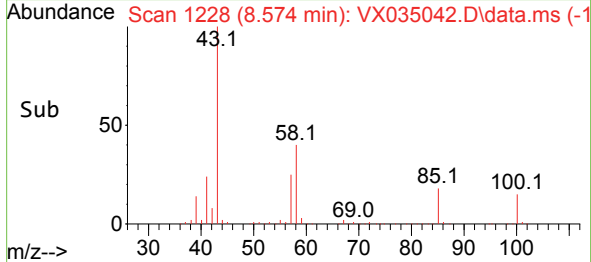
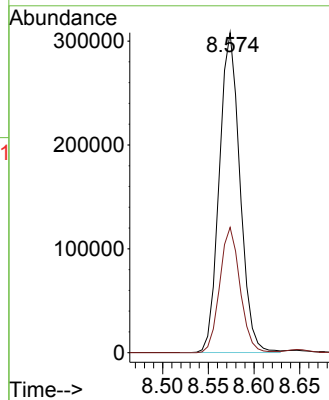
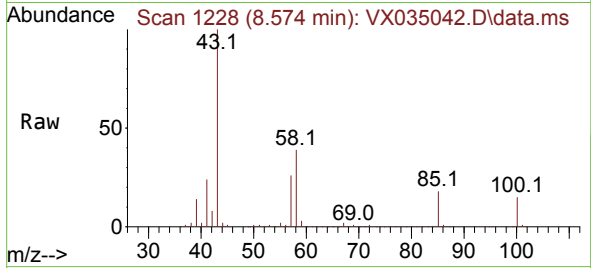




#51  
4-Methyl-2-Pentanone  
Concen: 108.286 ug/l  
RT: 8.574 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

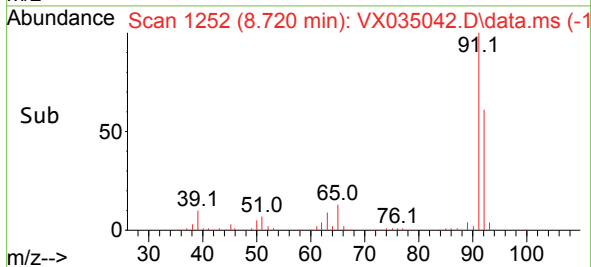
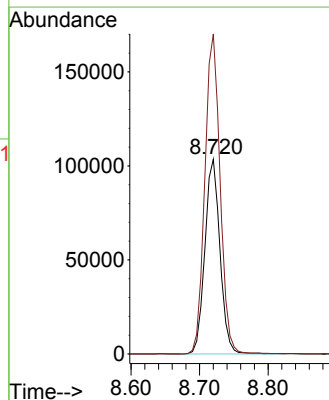
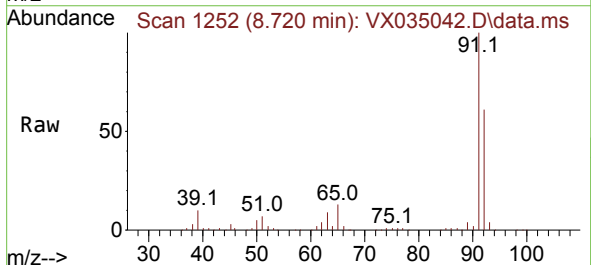
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0413MBS01

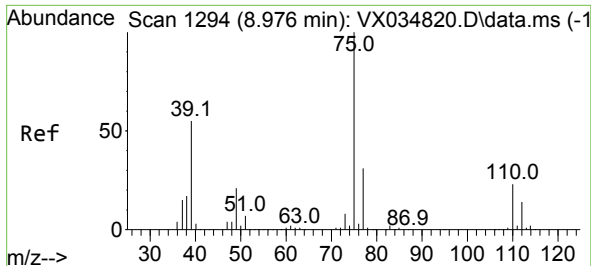
Tgt Ion: 43 Resp: 484107  
Ion Ratio Lower Upper  
43 100  
58 38.6 30.6 46.0



#52  
Toluene  
Concen: 19.666 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

Tgt Ion: 92 Resp: 158945  
Ion Ratio Lower Upper  
92 100  
91 166.8 136.8 205.2

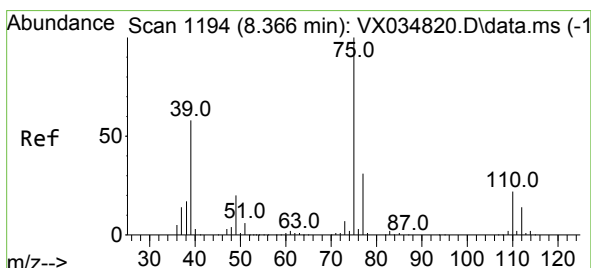
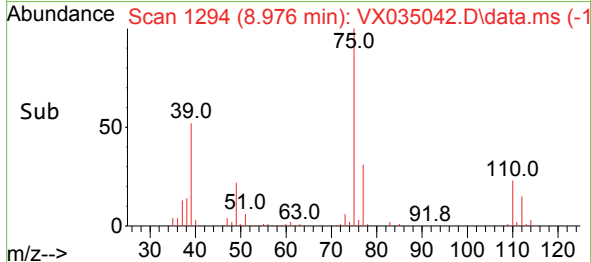
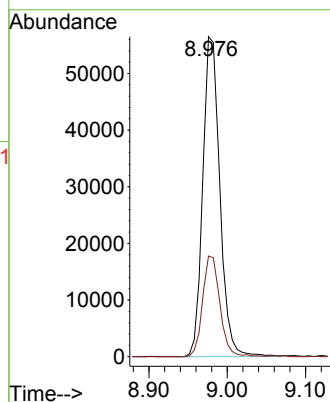
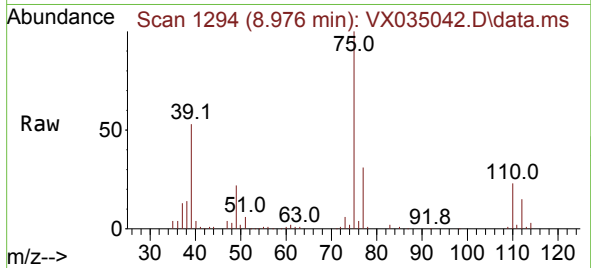




#53  
 t-1,3-Dichloropropene  
 Concen: 19.418 ug/l  
 RT: 8.976 min Scan# 1294  
 Delta R.T. 0.000 min  
 Lab File: VX035042.D  
 Acq: 12 Apr 2023 13:26

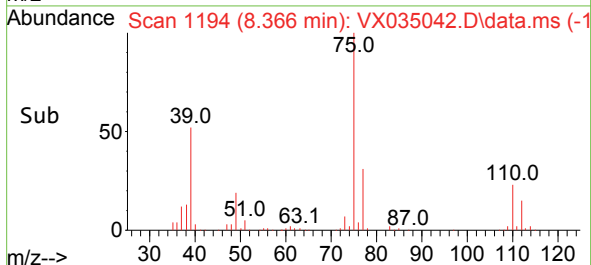
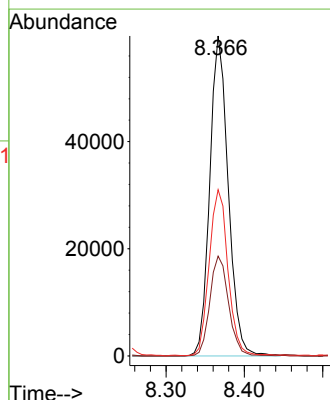
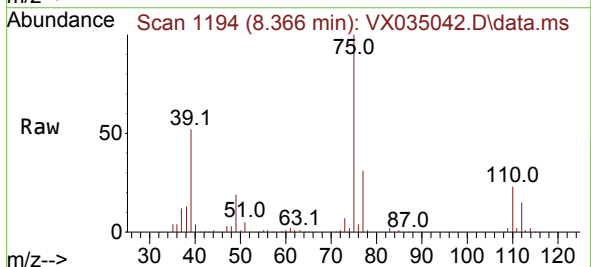
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0413MBS01

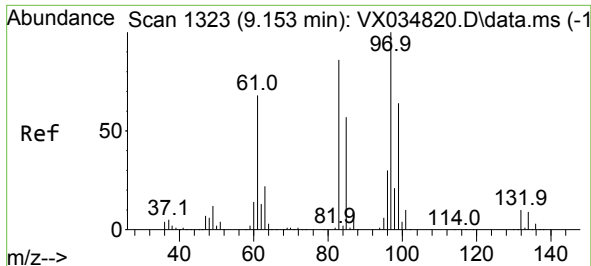
Tgt Ion: 75 Resp: 85755  
 Ion Ratio Lower Upper  
 75 100  
 77 31.4 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.246 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. 0.000 min  
 Lab File: VX035042.D  
 Acq: 12 Apr 2023 13:26

Tgt Ion: 75 Resp: 97850  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 25.0 37.4  
 39 51.8 44.6 66.8

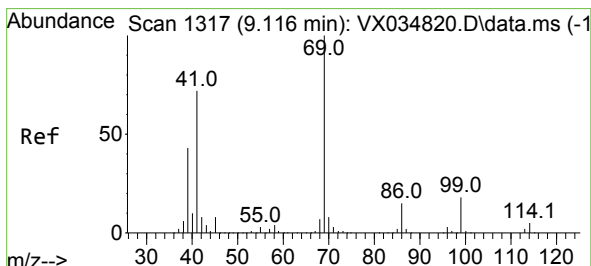
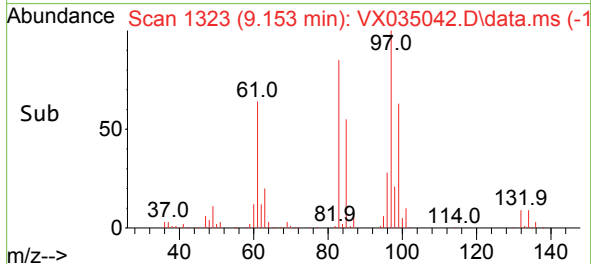
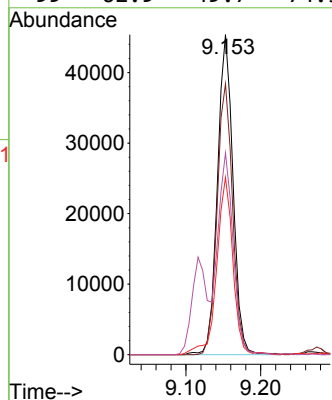
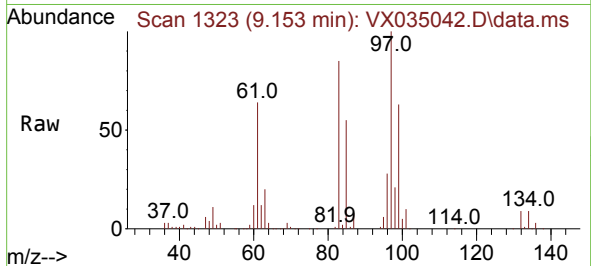




#55  
 1,1,2-Trichloroethane  
 Concen: 21.460 ug/l  
 RT: 9.153 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX035042.D  
 Acq: 12 Apr 2023 13:26

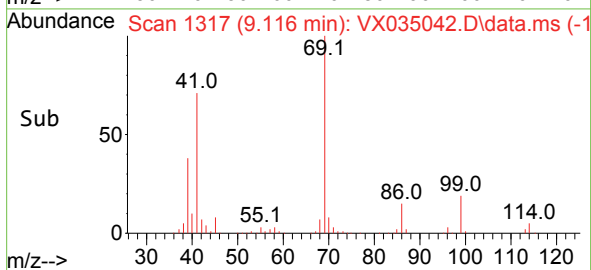
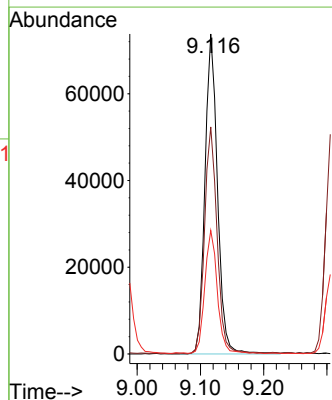
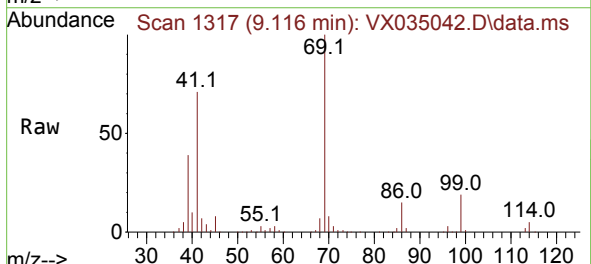
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0413MBS01

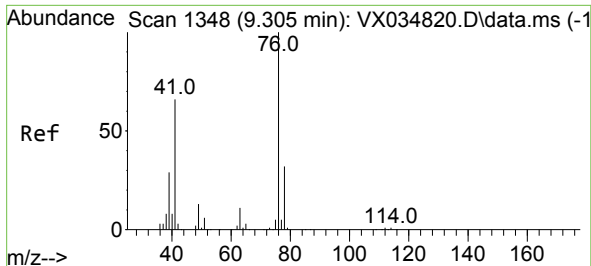
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 65645 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.7  | 69.7  | 104.5 |
| 85       | 55.4  | 43.7  | 65.5  |
| 99       | 62.9  | 49.7  | 74.5  |



#56  
 Ethyl methacrylate  
 Concen: 21.291 ug/l  
 RT: 9.116 min Scan# 1317  
 Delta R.T. 0.000 min  
 Lab File: VX035042.D  
 Acq: 12 Apr 2023 13:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 102041 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 71.6  | 57.4  | 86.0   |
| 39       | 38.6  | 33.7  | 50.5   |





#57

1,3-Dichloropropane

Concen: 21.272 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX035042.D

Acq: 12 Apr 2023 13:26

Instrument :

MSVOA\_X

ClientSampleId :

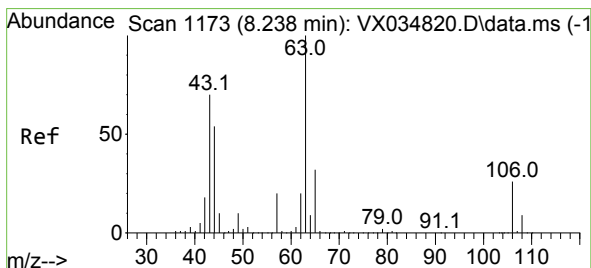
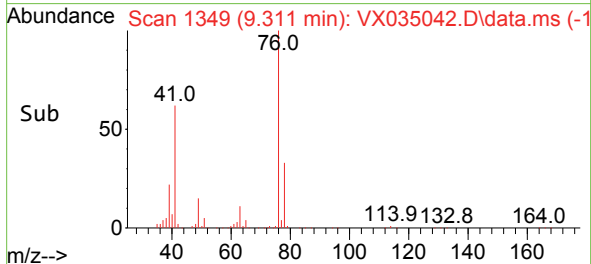
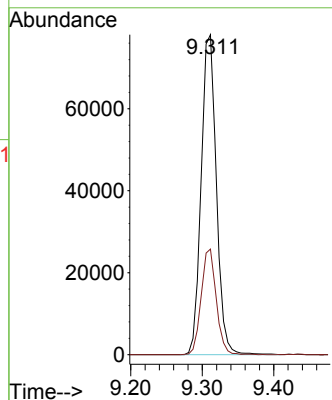
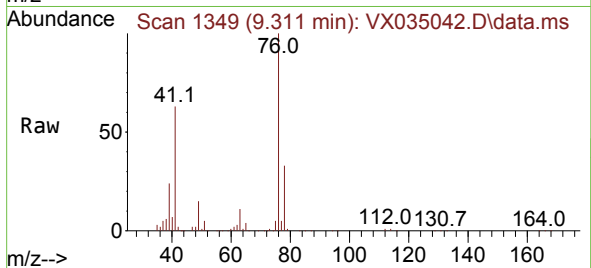
VX0413MBS01

Tgt Ion: 76 Resp: 115238

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 119.475 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035042.D

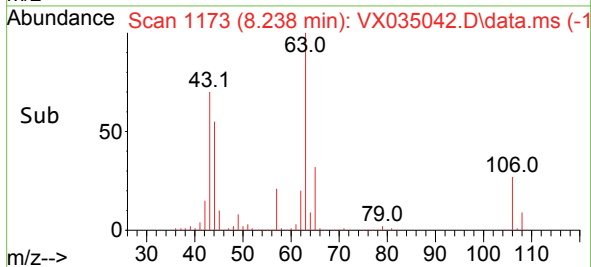
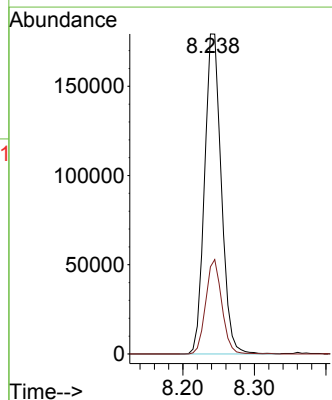
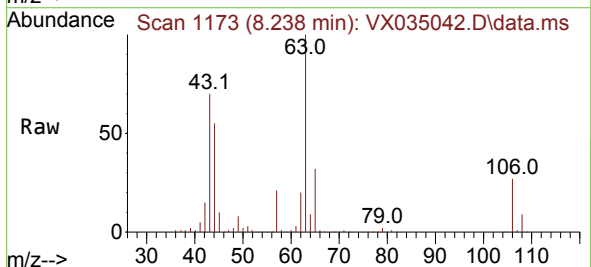
Acq: 12 Apr 2023 13:26

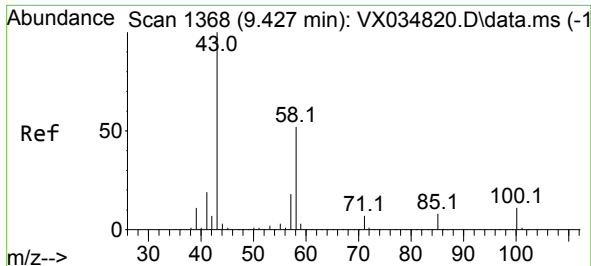
Tgt Ion: 63 Resp: 291554

Ion Ratio Lower Upper

63 100

106 28.3 22.2 33.2





#59

2-Hexanone

Concen: 106.313 ug/l

RT: 9.433 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX035042.D

Acq: 12 Apr 2023 13:26

Instrument :

MSVOA\_X

ClientSampleId :

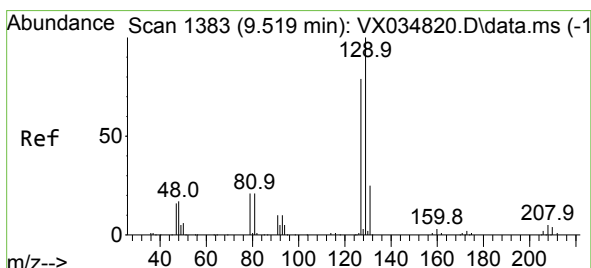
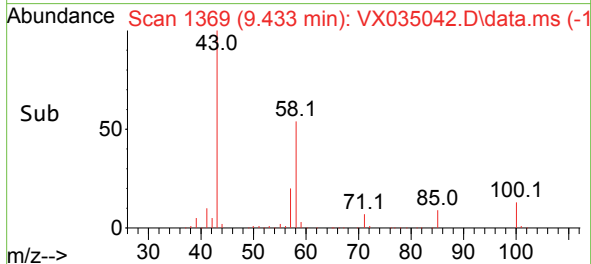
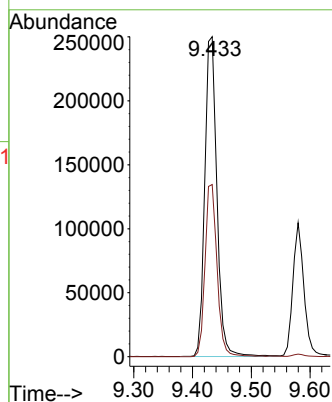
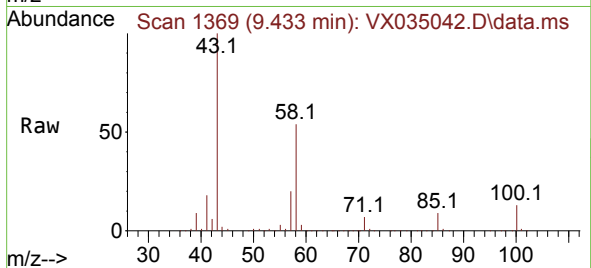
VX0413MBS01

Tgt Ion: 43 Resp: 359487

Ion Ratio Lower Upper

43 100

58 53.4 26.3 78.9



#60

Dibromochloromethane

Concen: 20.412 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX035042.D

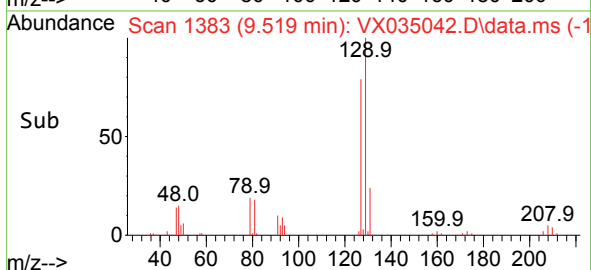
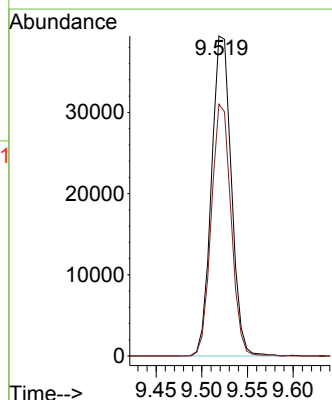
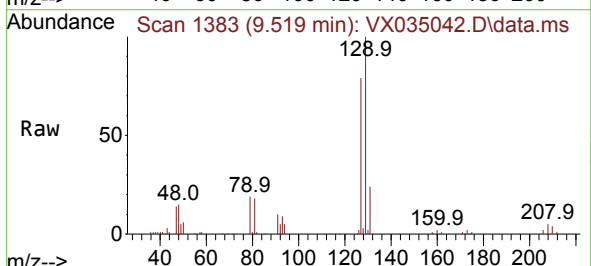
Acq: 12 Apr 2023 13:26

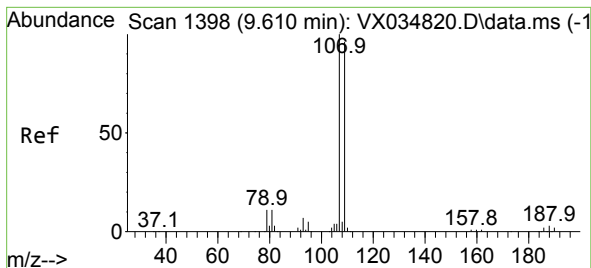
Tgt Ion: 129 Resp: 59478

Ion Ratio Lower Upper

129 100

127 78.1 39.0 117.0

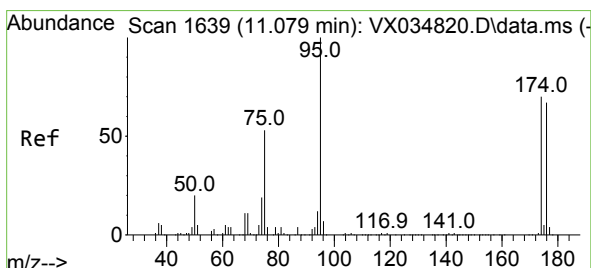
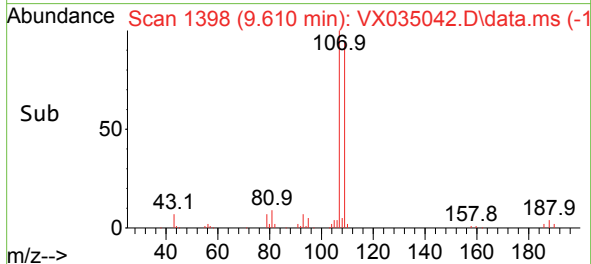
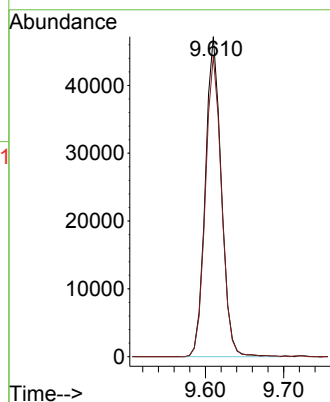
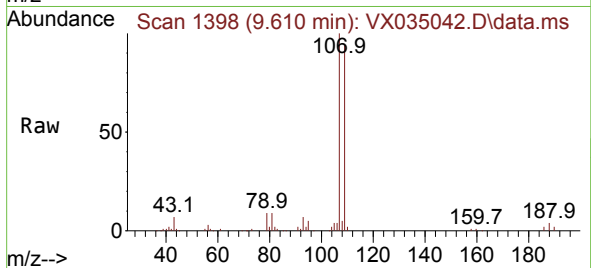




#61  
1,2-Dibromoethane  
Concen: 20.966 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

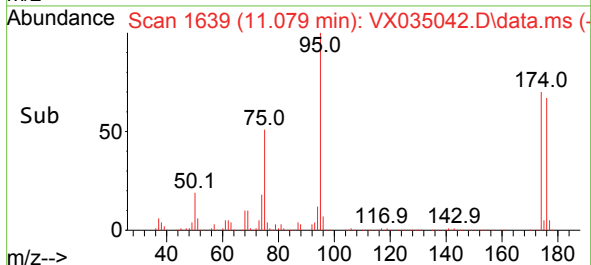
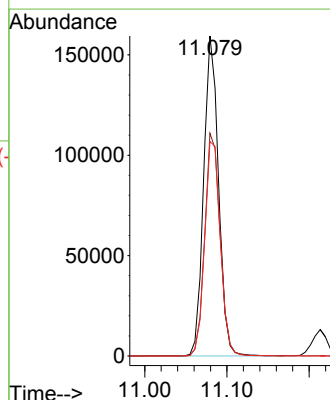
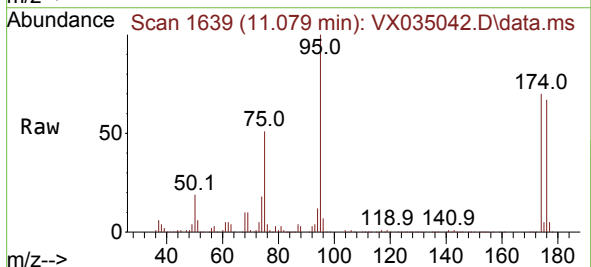
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0413MBS01

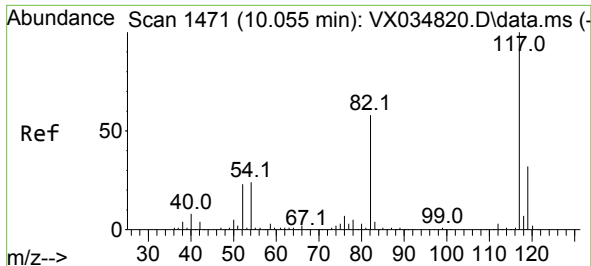
Tgt Ion:107 Resp: 66688  
Ion Ratio Lower Upper  
107 100  
109 95.2 75.3 112.9



#62  
4-Bromofluorobenzene  
Concen: 48.007 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

Tgt Ion: 95 Resp: 199858  
Ion Ratio Lower Upper  
95 100  
174 72.0 0.0 147.4  
176 70.5 0.0 140.6

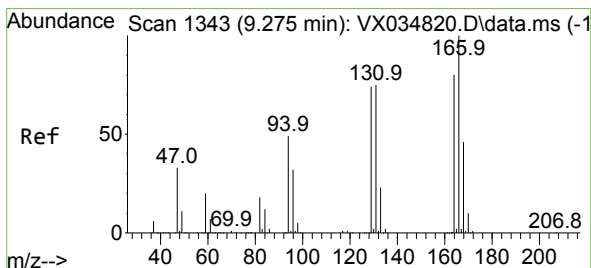
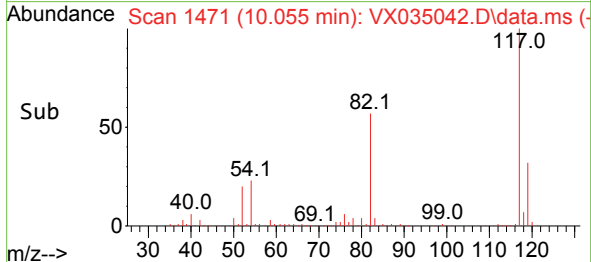
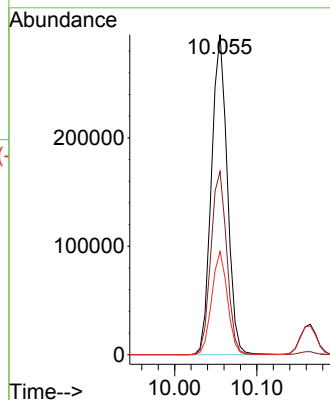
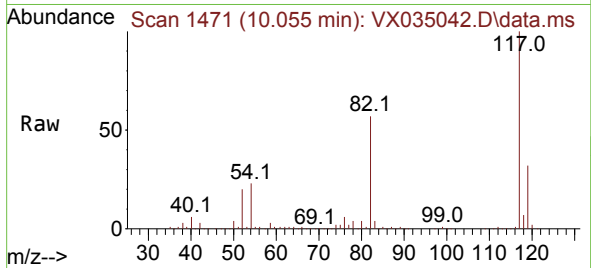




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

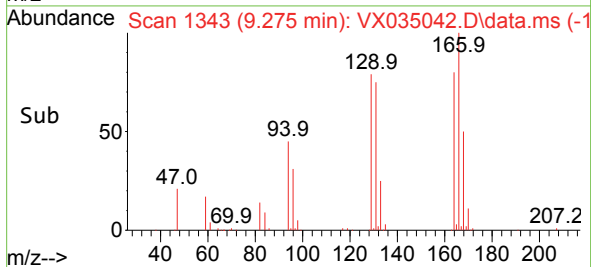
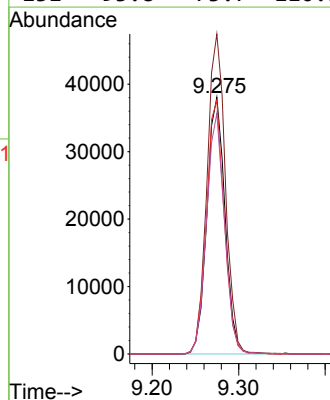
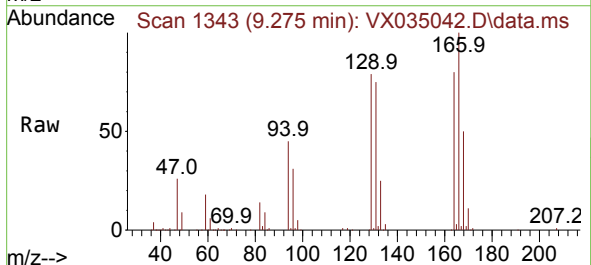
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0413MBS01

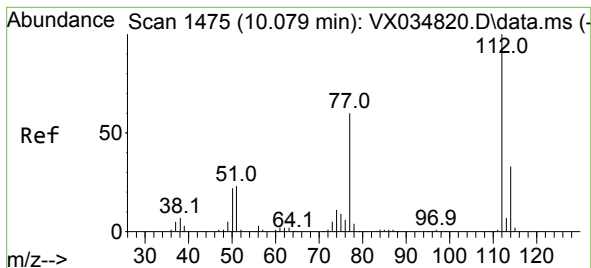
Tgt Ion:117 Resp: 394620  
Ion Ratio Lower Upper  
117 100  
82 57.2 45.0 67.4  
119 32.3 26.0 39.0



#64  
Tetrachloroethene  
Concen: 19.591 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

Tgt Ion:164 Resp: 55327  
Ion Ratio Lower Upper  
164 100  
166 124.7 102.7 154.1  
129 98.8 75.6 113.4  
131 93.8 73.7 110.5

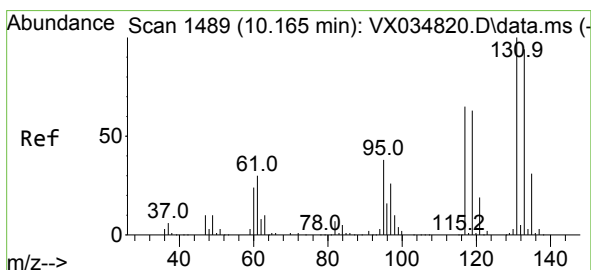
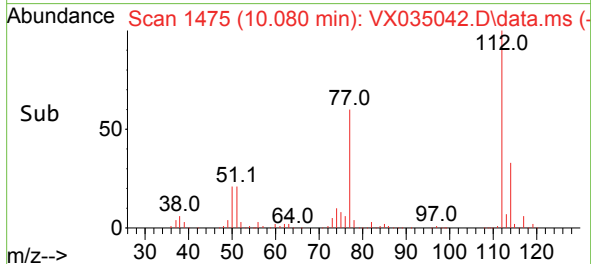
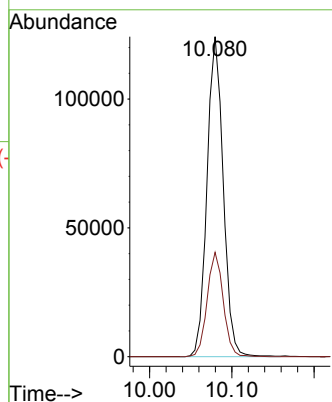
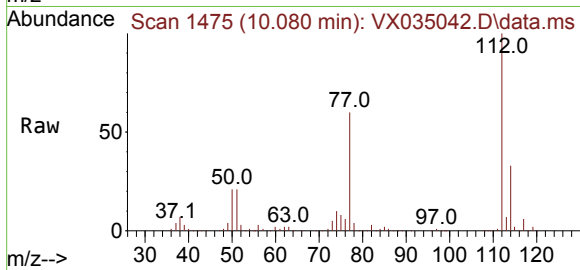




#65  
Chlorobenzene  
Concen: 20.706 ug/l  
RT: 10.080 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

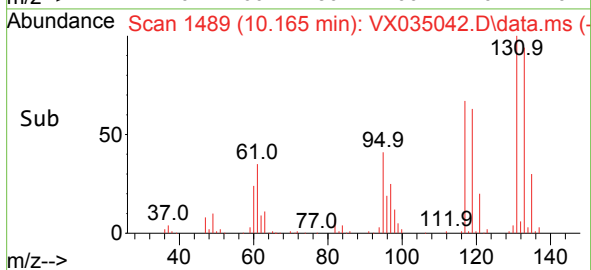
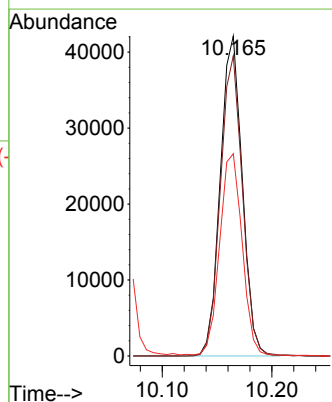
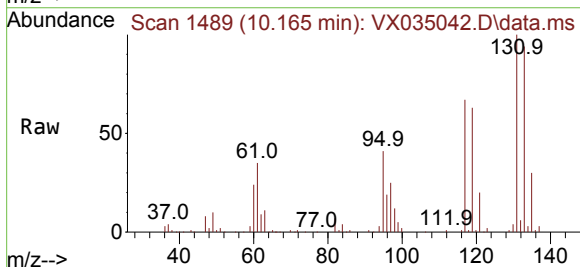
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0413MBS01

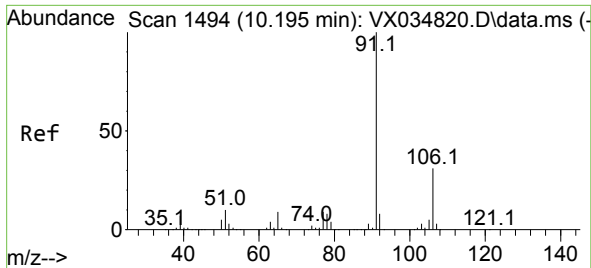
Tgt Ion:112 Resp: 170007  
Ion Ratio Lower Upper  
112 100  
114 32.6 26.2 39.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.766 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

Tgt Ion:131 Resp: 58627  
Ion Ratio Lower Upper  
131 100  
133 94.1 47.1 141.4  
119 65.3 32.6 98.0

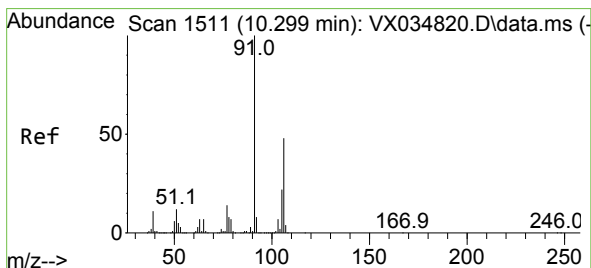
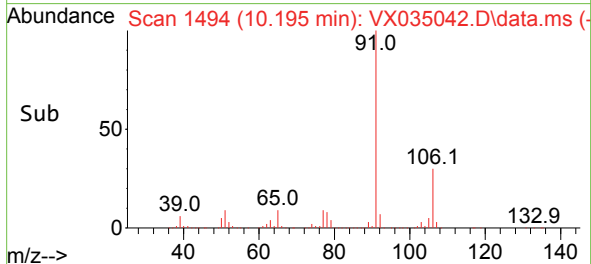
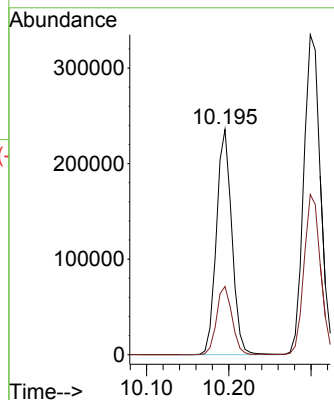
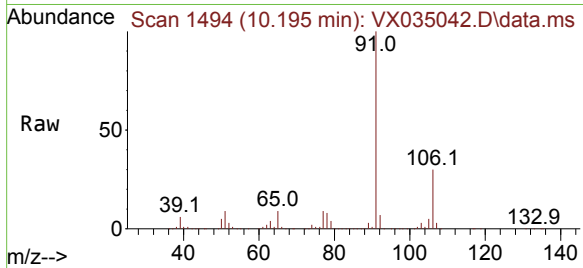




#67  
Ethyl Benzene  
Concen: 20.630 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

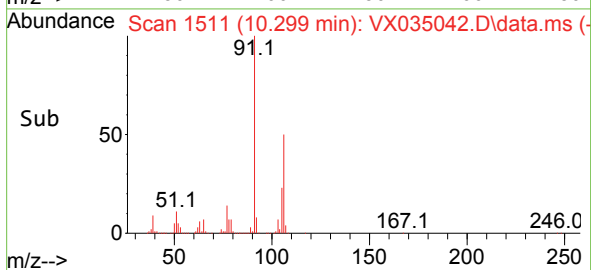
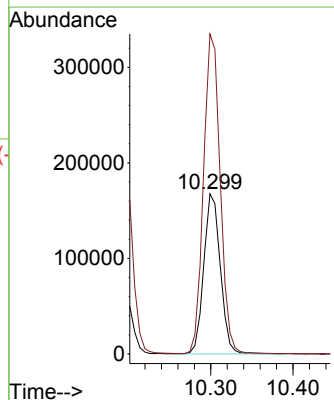
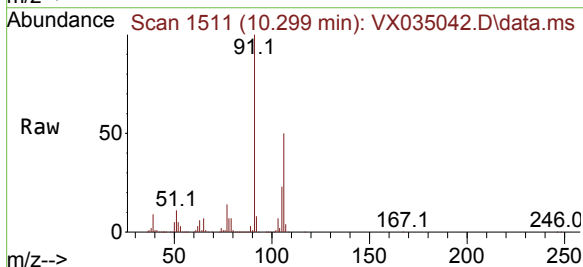
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0413MBS01

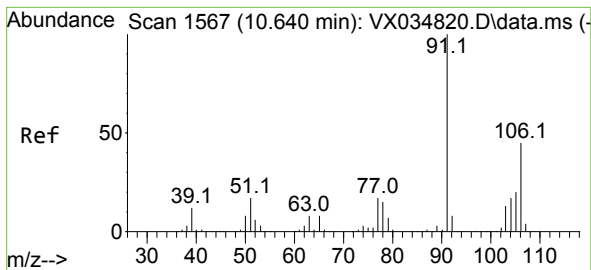
Tgt Ion: 91 Resp: 306846  
Ion Ratio Lower Upper  
91 100  
106 30.3 25.6 38.4



#68  
m/p-Xylenes  
Concen: 41.193 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

Tgt Ion: 106 Resp: 234044  
Ion Ratio Lower Upper  
106 100  
91 202.7 164.0 246.0





#69

o-Xylene

Concen: 20.489 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035042.D

Acq: 12 Apr 2023 13:26

Instrument :

MSVOA\_X

ClientSampleId :

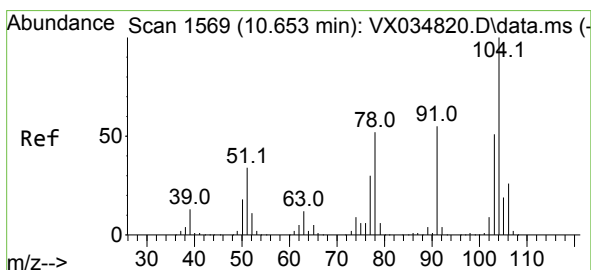
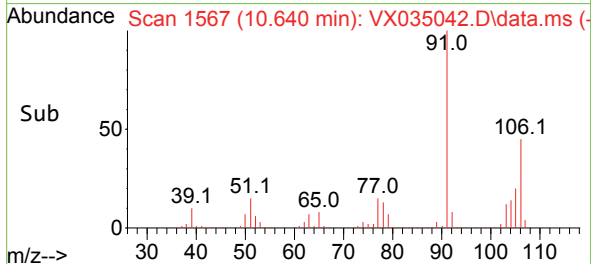
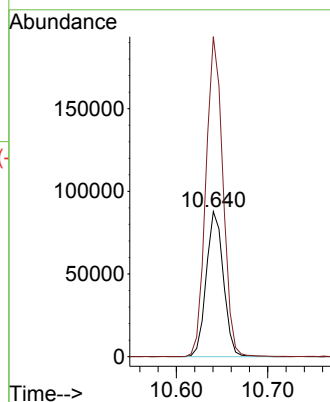
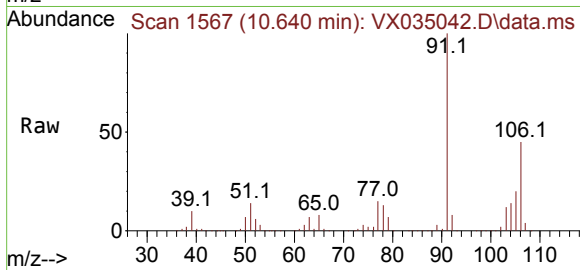
VX0413MBS01

Tgt Ion:106 Resp: 114039

Ion Ratio Lower Upper

106 100

91 219.4 108.5 325.3



#70

Styrene

Concen: 21.691 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX035042.D

Acq: 12 Apr 2023 13:26

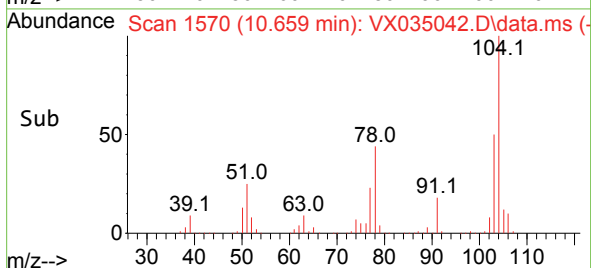
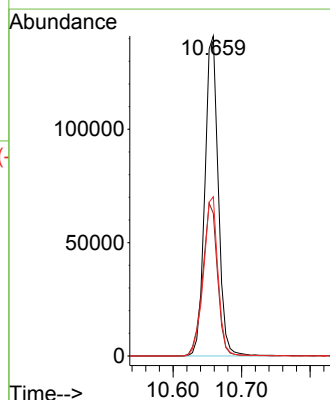
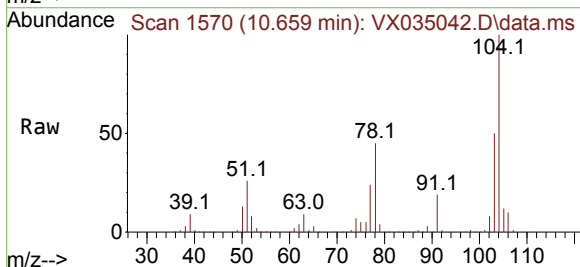
Tgt Ion:104 Resp: 192730

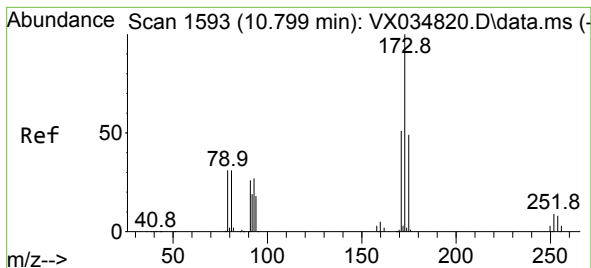
Ion Ratio Lower Upper

104 100

78 52.7 43.4 65.2

103 53.9 44.2 66.2





#71

Bromoform

Concen: 20.110 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035042.D

Acq: 12 Apr 2023 13:26

Instrument :

MSVOA\_X

ClientSampleId :

VX0413MBS01

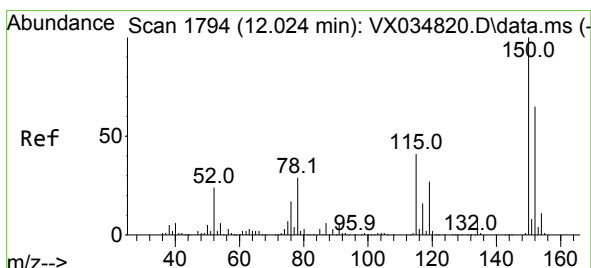
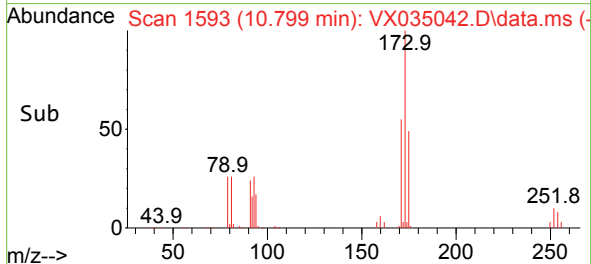
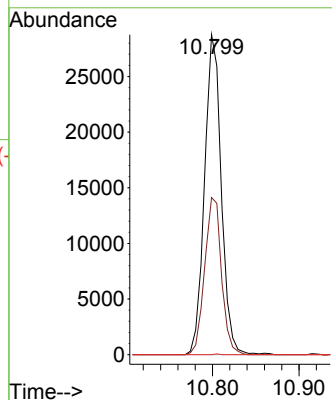
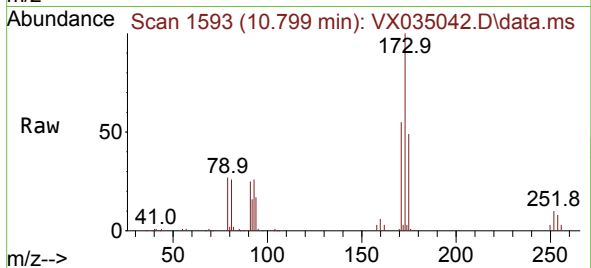
Tgt Ion:173 Resp: 38616

Ion Ratio Lower Upper

173 100

175 49.4 24.1 72.4

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035042.D

Acq: 12 Apr 2023 13:26

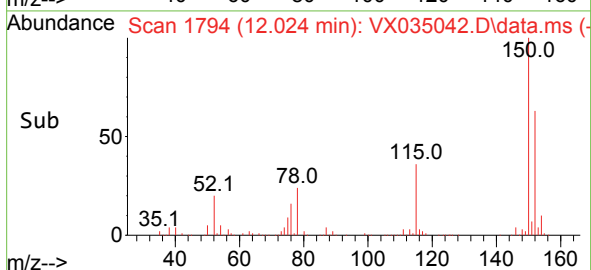
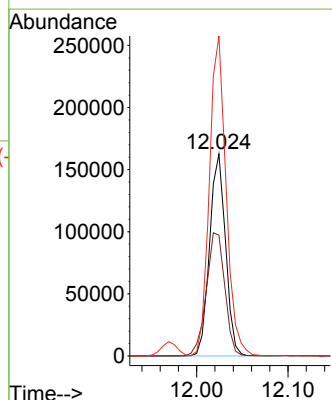
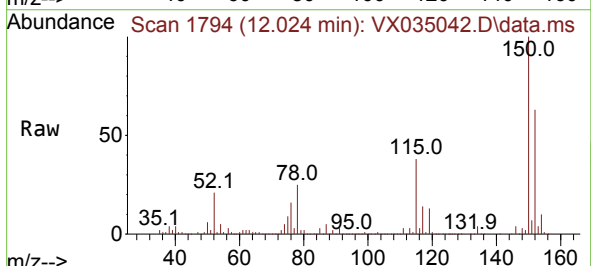
Tgt Ion:152 Resp: 196897

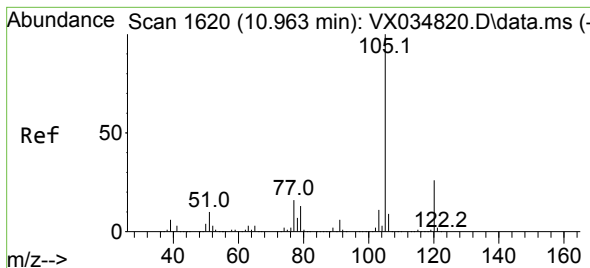
Ion Ratio Lower Upper

152 100

115 70.8 45.0 135.0

150 165.0 0.0 352.4





#73

Isopropylbenzene

Concen: 20.327 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX035042.D

Acq: 12 Apr 2023 13:26

Instrument :

MSVOA\_X

ClientSampleId :

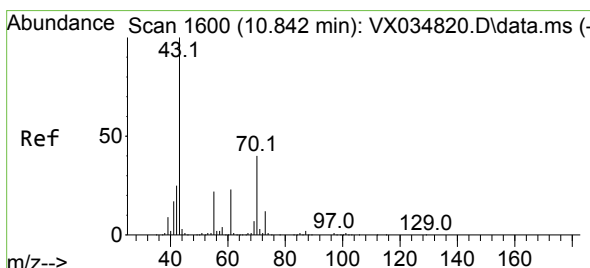
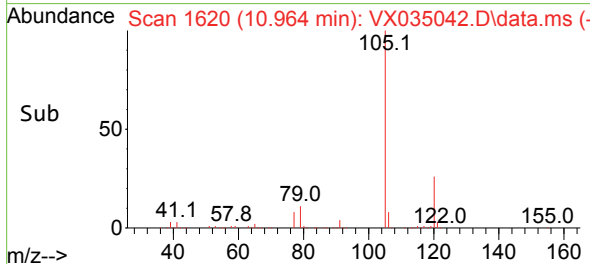
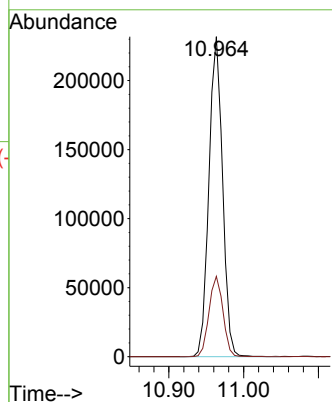
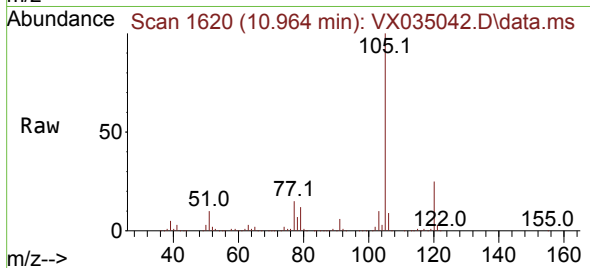
VX0413MBS01

Tgt Ion:105 Resp: 293168

Ion Ratio Lower Upper

105 100

120 25.8 13.3 39.9



#74

N-ethyl acetate

Concen: 20.629 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX035042.D

Acq: 12 Apr 2023 13:26

Tgt Ion: 43 Resp: 133775

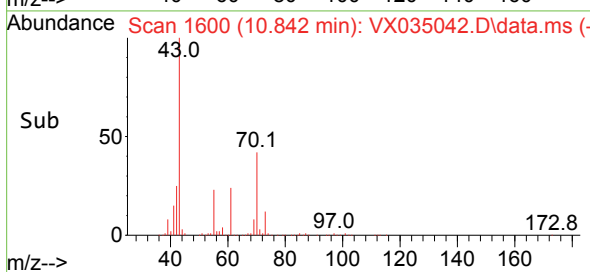
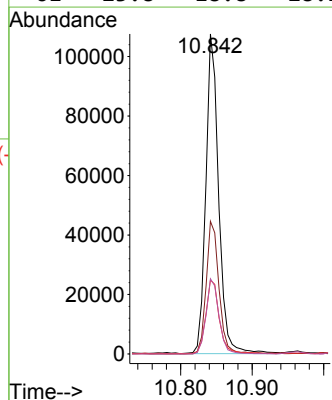
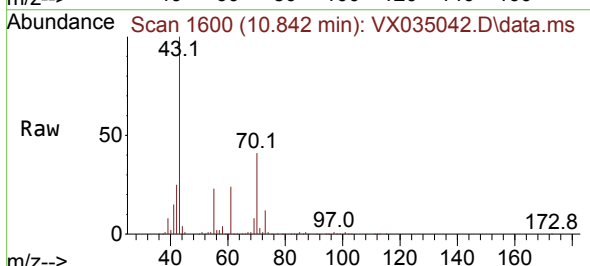
Ion Ratio Lower Upper

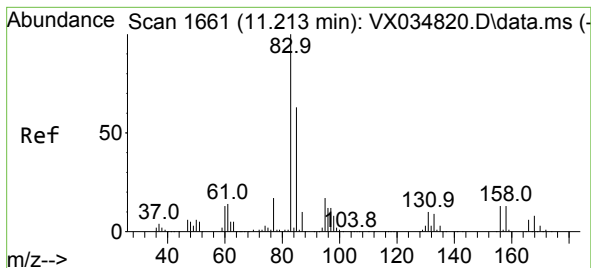
43 100

70 41.5 32.1 48.1

55 24.2 18.3 27.5

61 23.8 18.8 28.2

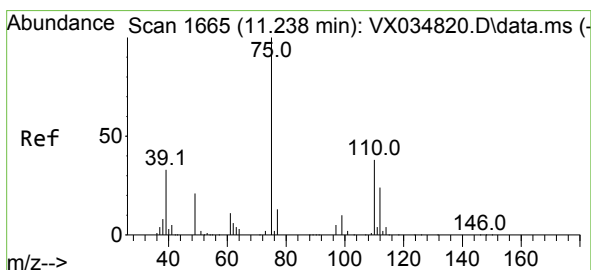
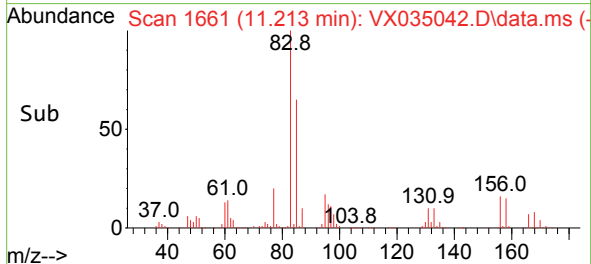
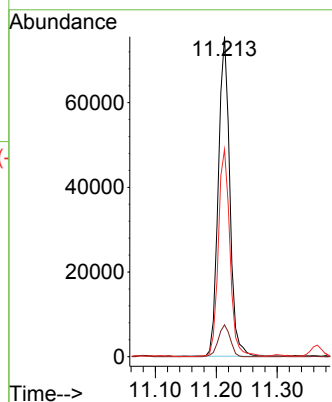
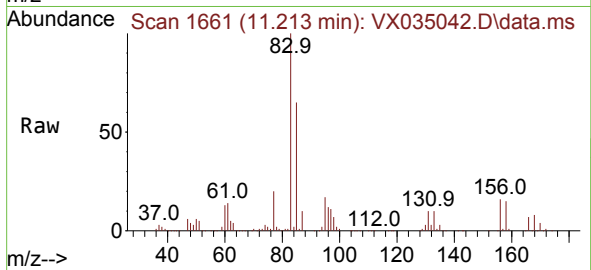




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 20.857 ug/l  
 RT: 11.213 min Scan# 1661  
 Delta R.T. 0.000 min  
 Lab File: VX035042.D  
 Acq: 12 Apr 2023 13:26

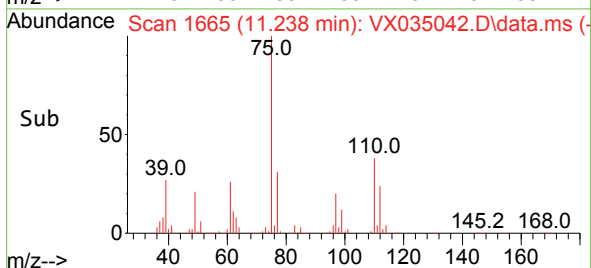
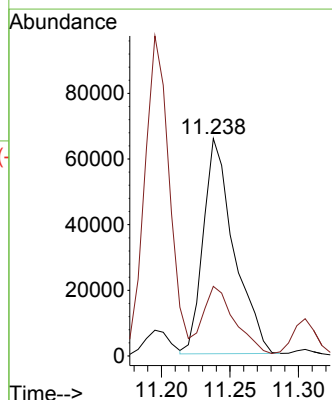
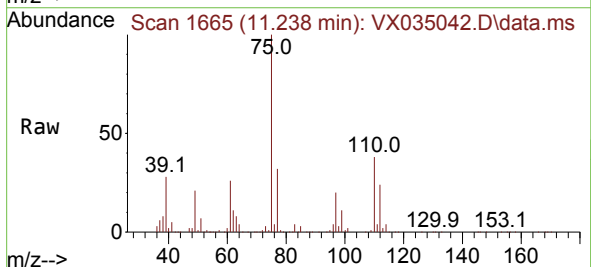
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0413MBS01

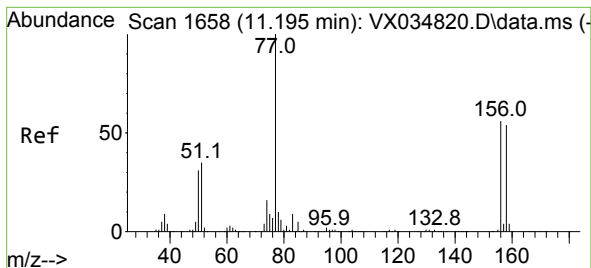
Tgt Ion: 83 Resp: 98594  
 Ion Ratio Lower Upper  
 83 100  
 131 10.4 4.8 14.3  
 85 65.6 32.0 96.0



#76  
 1,2,3-Trichloropropane  
 Concen: 25.771 ug/l  
 RT: 11.238 min Scan# 1665  
 Delta R.T. -0.000 min  
 Lab File: VX035042.D  
 Acq: 12 Apr 2023 13:26

Tgt Ion: 75 Resp: 102241  
 Ion Ratio Lower Upper  
 75 100  
 77 34.3 21.6 64.8





#77

Bromobenzene

Concen: 20.073 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX035042.D

Acq: 12 Apr 2023 13:26

Instrument :

MSVOA\_X

ClientSampleId :

VX0413MBS01

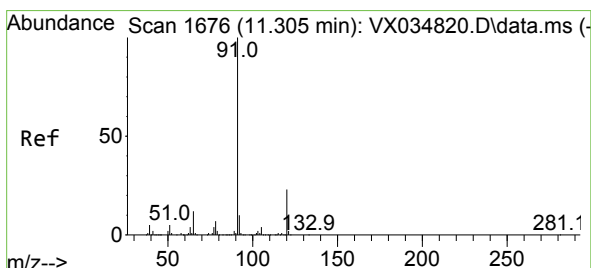
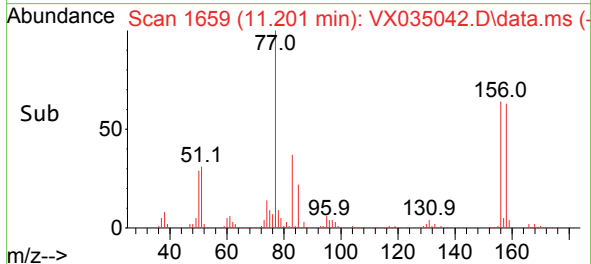
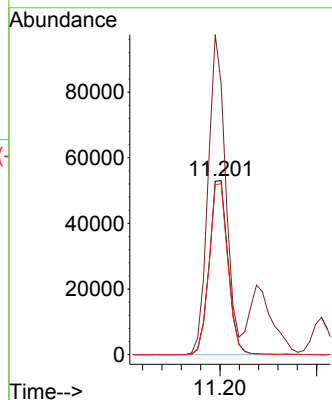
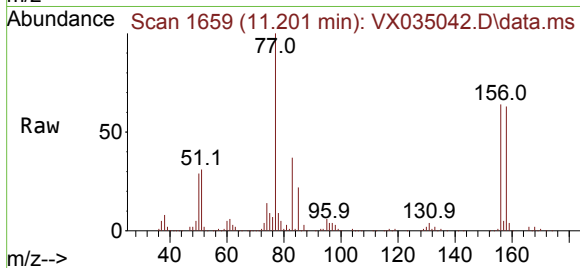
Tgt Ion:156 Resp: 71734

Ion Ratio Lower Upper

156 100

77 171.2 86.7 259.9

158 97.6 48.0 144.0



#78

n-propylbenzene

Concen: 20.353 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX035042.D

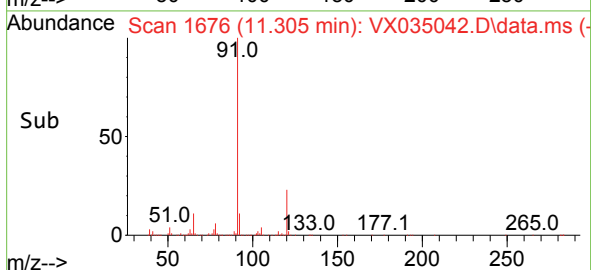
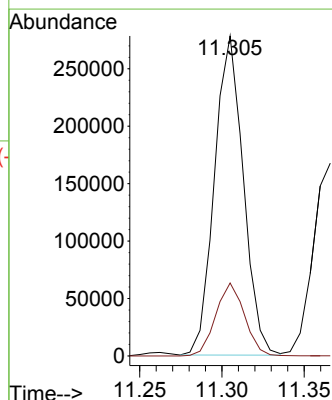
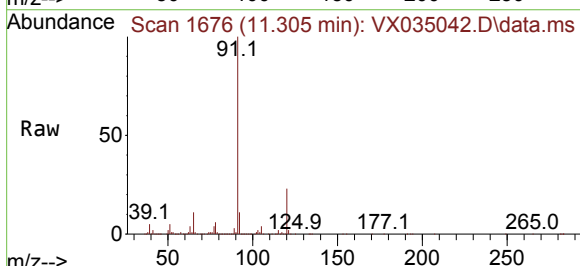
Acq: 12 Apr 2023 13:26

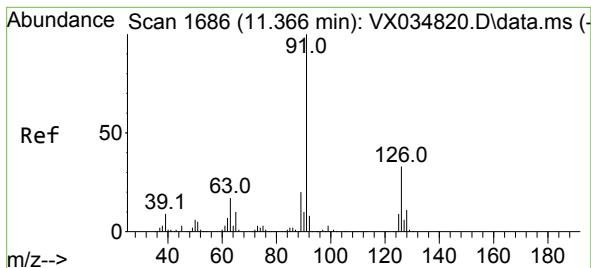
Tgt Ion: 91 Resp: 339107

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.5

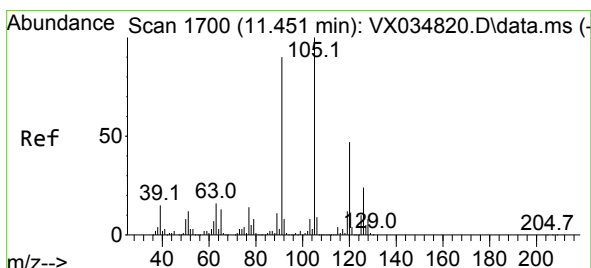
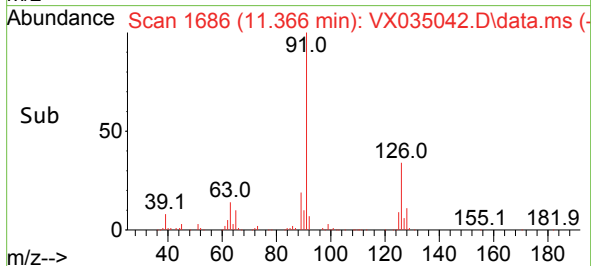
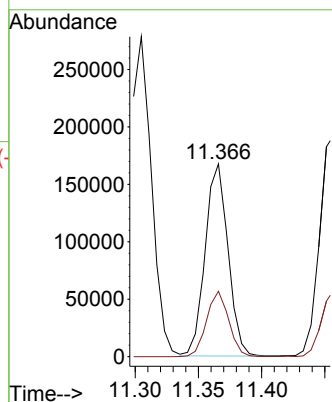
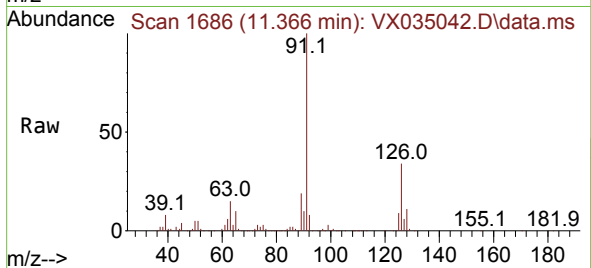




#79  
2-Chlorotoluene  
Concen: 20.000 ug/l  
RT: 11.366 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

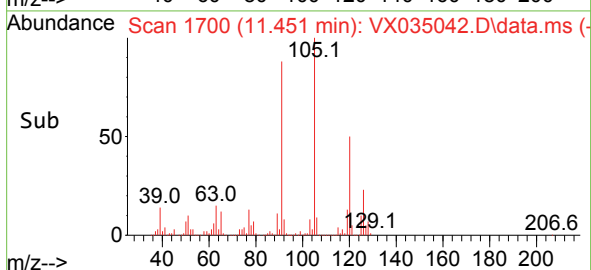
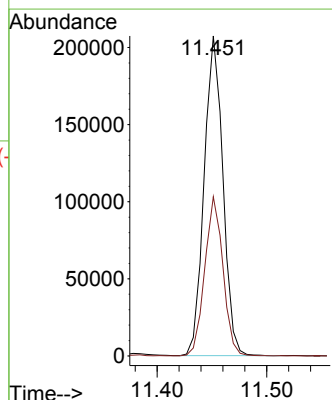
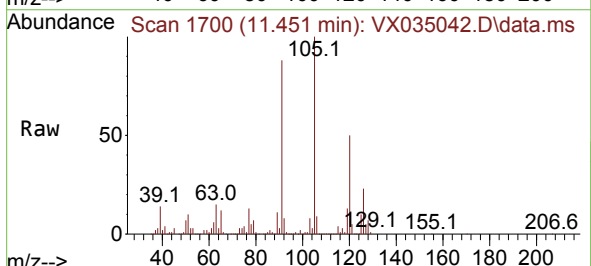
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0413MBS01

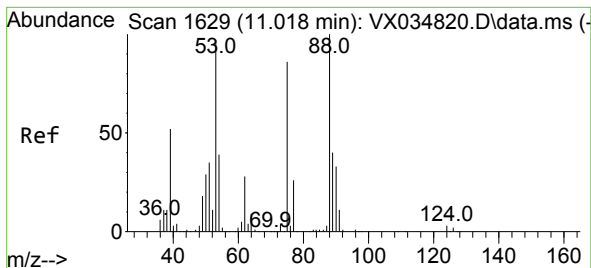
Tgt Ion: 91 Resp: 210391  
Ion Ratio Lower Upper  
91 100  
126 33.0 16.3 48.9



#80  
1,3,5-Trimethylbenzene  
Concen: 20.414 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

Tgt Ion: 105 Resp: 246170  
Ion Ratio Lower Upper  
105 100  
120 48.4 23.7 71.1

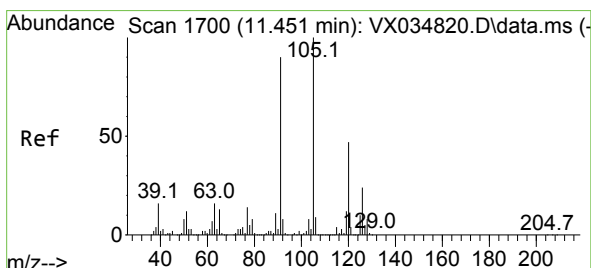
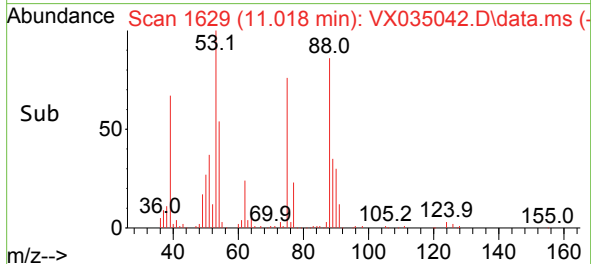
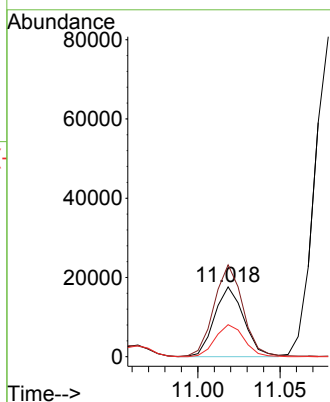
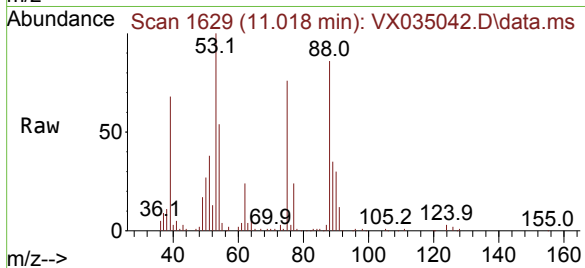




#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.560 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

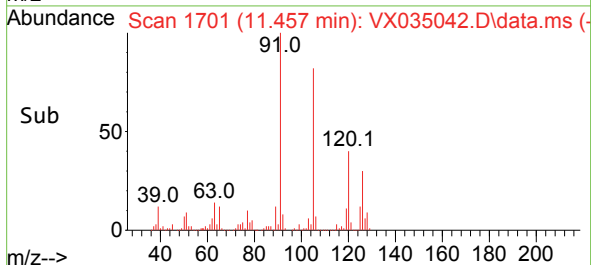
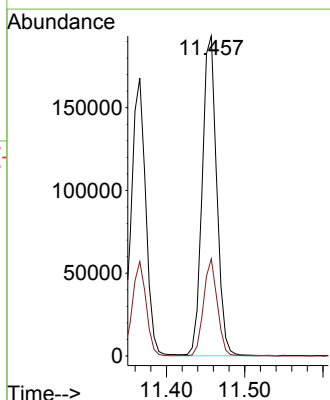
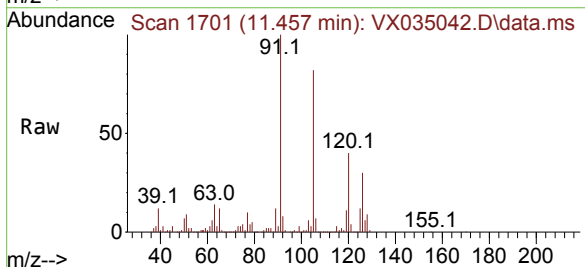
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0413MBS01

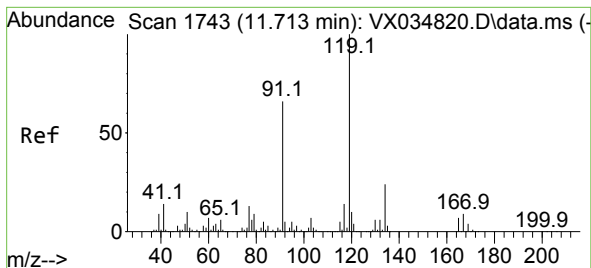
Tgt Ion: 75 Resp: 21922  
Ion Ratio Lower Upper  
75 100  
53 128.8 82.6 124.0#  
89 45.0 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 20.311 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

Tgt Ion: 91 Resp: 248111  
Ion Ratio Lower Upper  
91 100  
126 28.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 20.808 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035042.D

Acq: 12 Apr 2023 13:26

Instrument :

MSVOA\_X

ClientSampleId :

VX0413MBS01

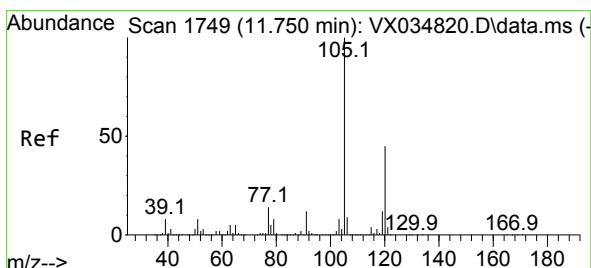
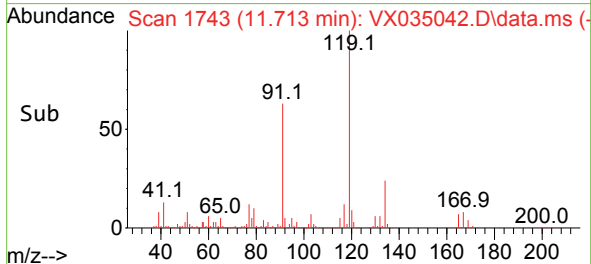
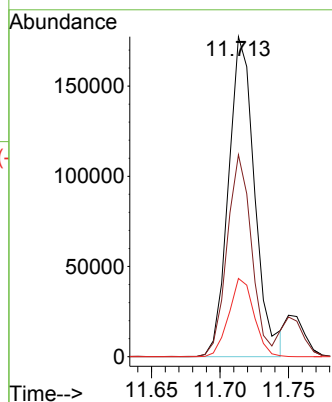
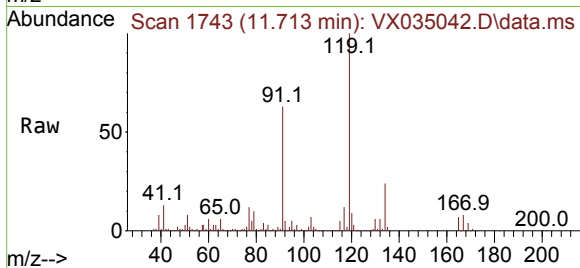
Tgt Ion:119 Resp: 235626

Ion Ratio Lower Upper

119 100

91 59.0 30.6 92.0

134 23.6 11.8 35.4



#84

1,2,4-Trimethylbenzene

Concen: 20.319 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX035042.D

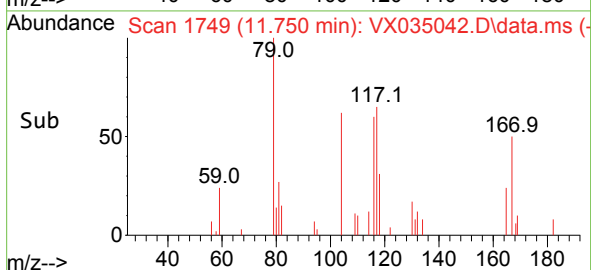
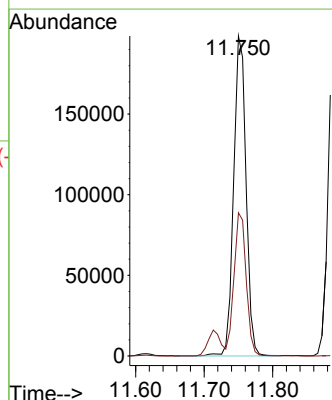
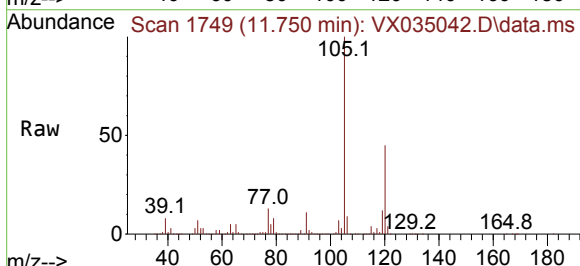
Acq: 12 Apr 2023 13:26

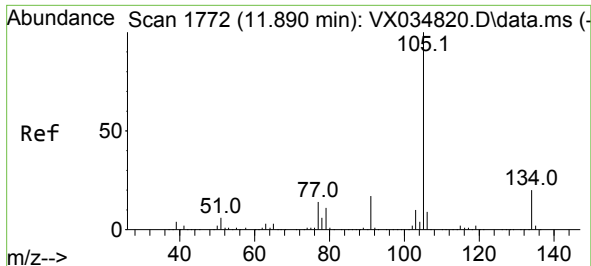
Tgt Ion:105 Resp: 249174

Ion Ratio Lower Upper

105 100

120 44.0 22.4 67.0

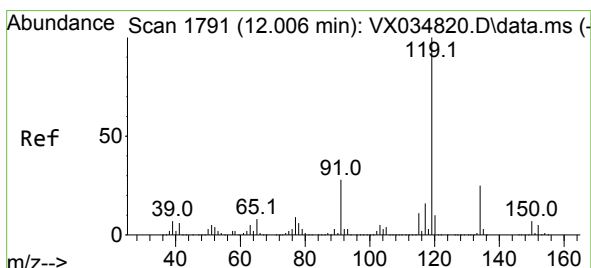
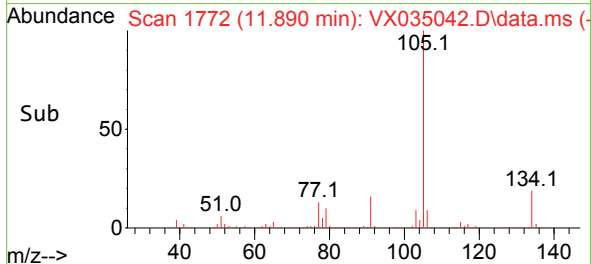
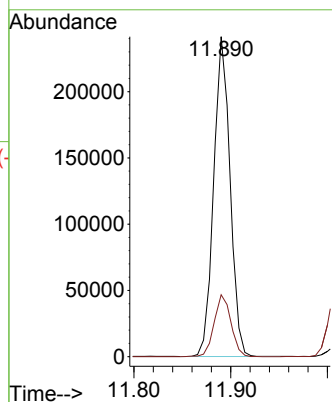
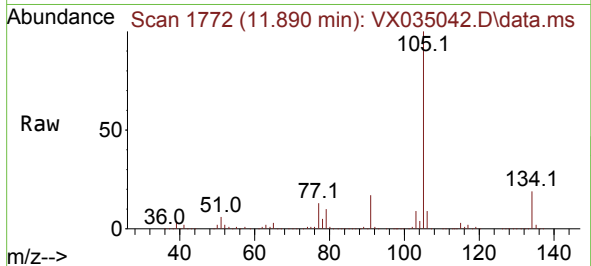




#85  
 sec-Butylbenzene  
 Concen: 20.561 ug/l  
 RT: 11.890 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX035042.D  
 Acq: 12 Apr 2023 13:26

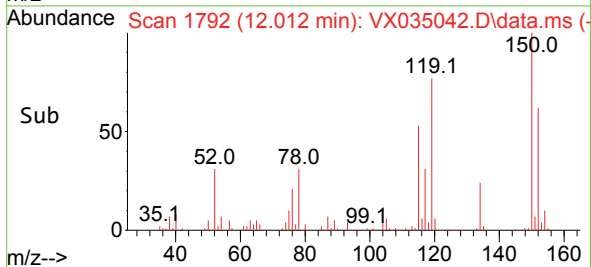
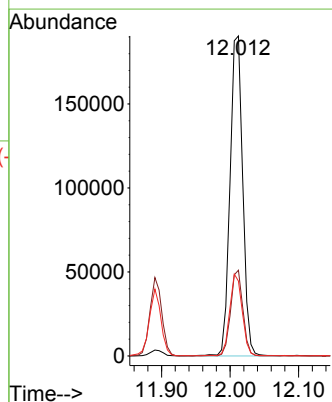
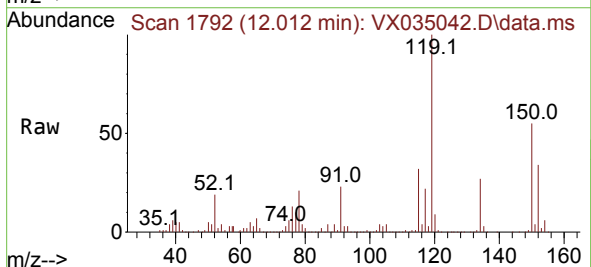
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0413MBS01

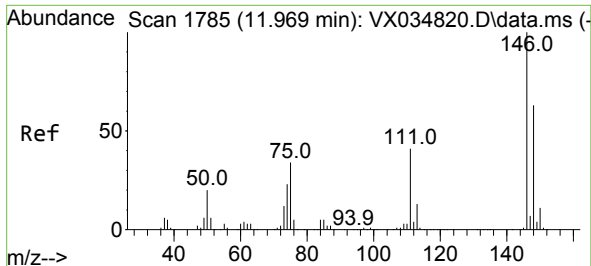
Tgt Ion:105 Resp: 283251  
 Ion Ratio Lower Upper  
 105 100  
 134 19.9 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 21.253 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.006 min  
 Lab File: VX035042.D  
 Acq: 12 Apr 2023 13:26

Tgt Ion:119 Resp: 244144  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 13.2 39.5  
 91 24.9 12.9 38.7

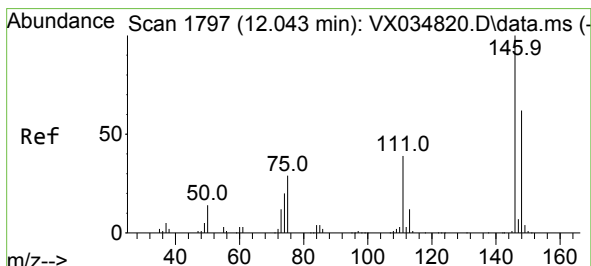
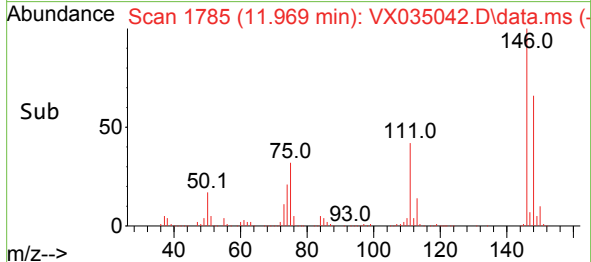
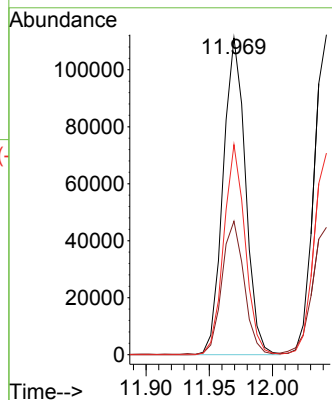
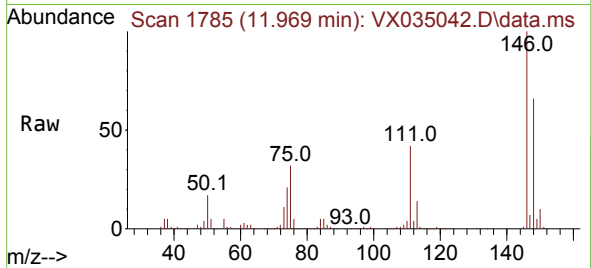




#87  
1,3-Dichlorobenzene  
Concen: 20.969 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

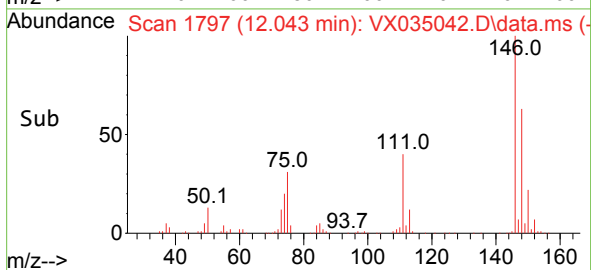
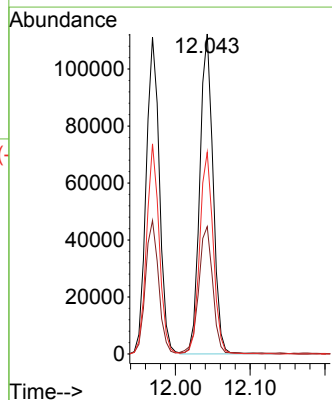
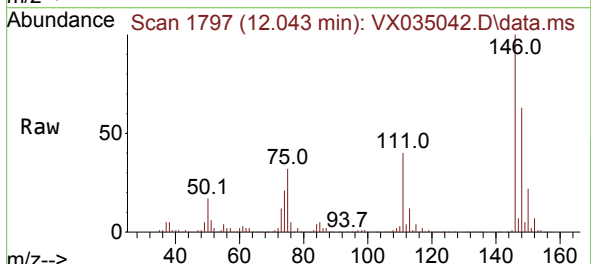
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0413MBS01

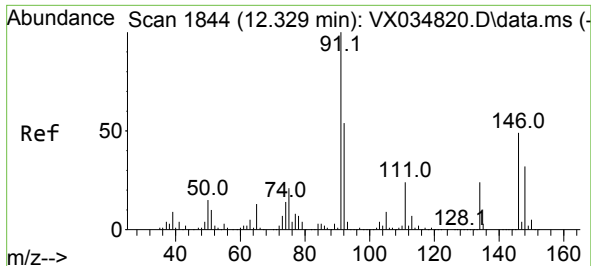
Tgt Ion:146 Resp: 136469  
Ion Ratio Lower Upper  
146 100  
111 41.7 20.9 62.8  
148 63.3 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 20.290 ug/l  
RT: 12.043 min Scan# 1797  
Delta R.T. -0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

Tgt Ion:146 Resp: 137920  
Ion Ratio Lower Upper  
146 100  
111 41.8 20.6 61.9  
148 64.1 31.8 95.4





#89

n-Butylbenzene

Concen: 20.869 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX035042.D

Acq: 12 Apr 2023 13:26

Instrument :

MSVOA\_X

ClientSampleId :

VX0413MBS01

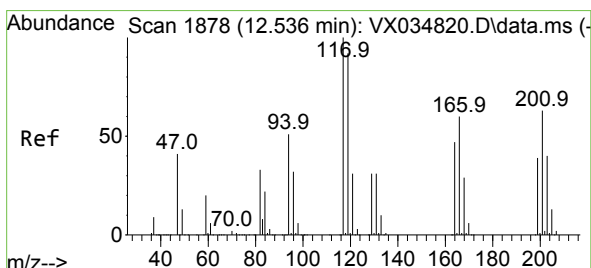
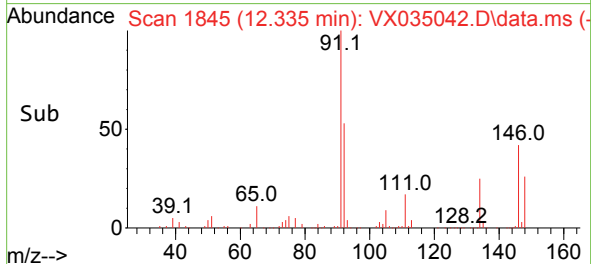
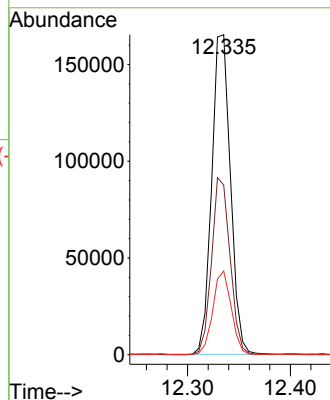
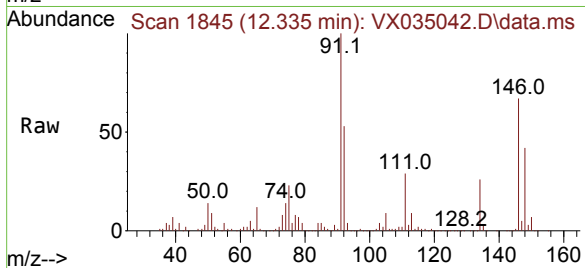
Tgt Ion: 91 Resp: 209450

Ion Ratio Lower Upper

91 100

92 54.7 27.7 83.0

134 25.9 13.0 38.9



#90

Hexachloroethane

Concen: 18.493 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035042.D

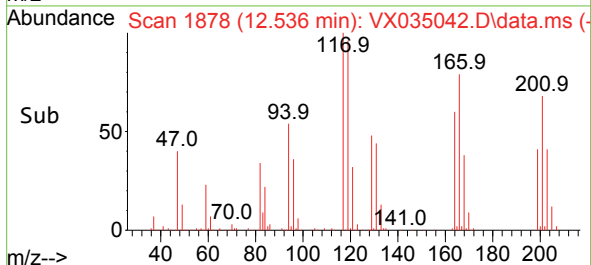
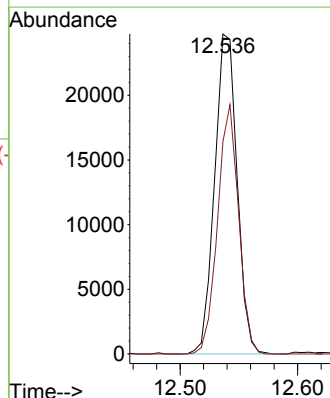
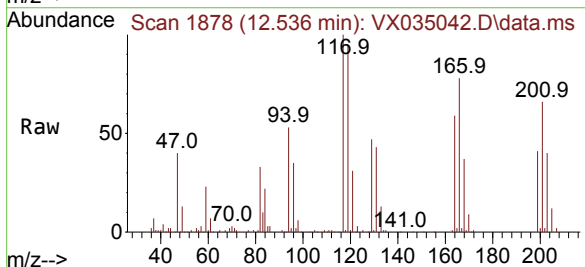
Acq: 12 Apr 2023 13:26

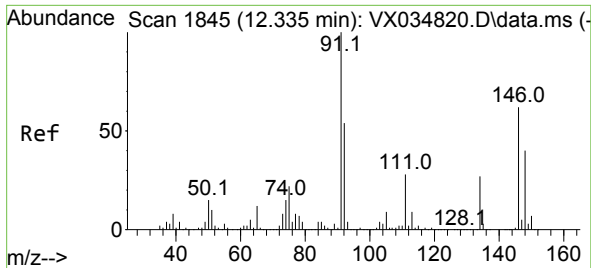
Tgt Ion: 117 Resp: 32914

Ion Ratio Lower Upper

117 100

201 72.9 34.4 103.1

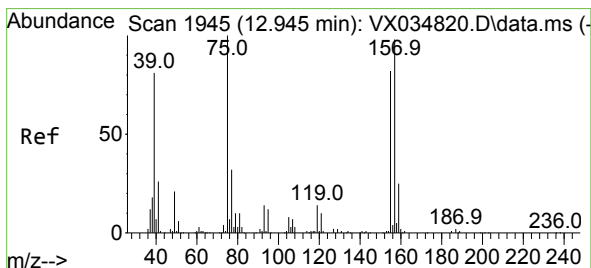
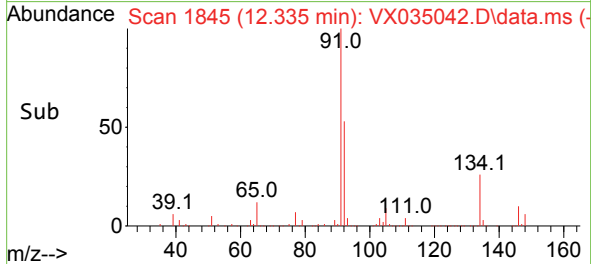
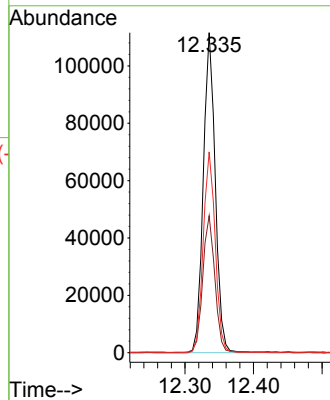
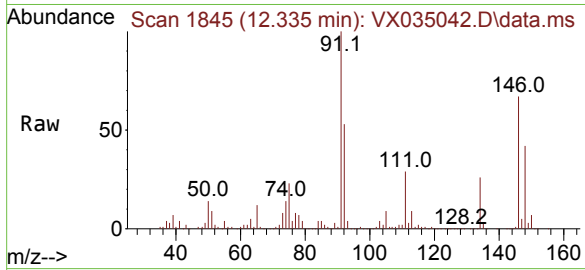




#91  
1,2-Dichlorobenzene  
Concen: 20.827 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

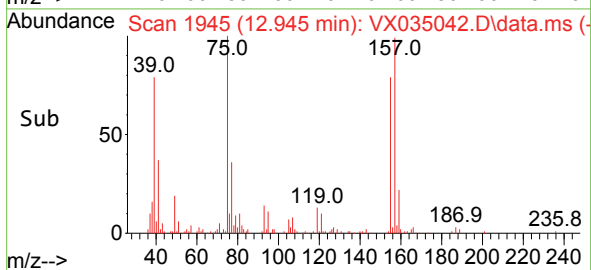
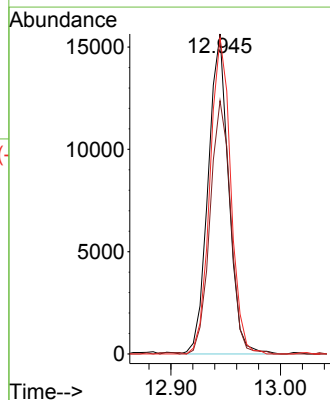
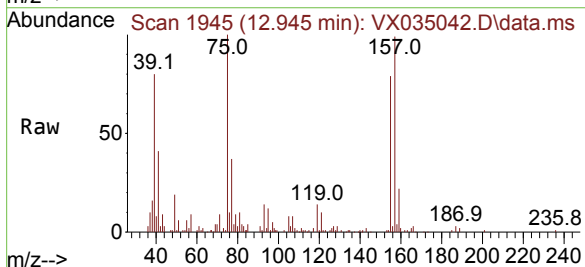
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0413MBS01

Tgt Ion:146 Resp: 135754  
Ion Ratio Lower Upper  
146 100  
111 43.3 22.0 66.0  
148 63.4 32.0 96.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.557 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX035042.D  
Acq: 12 Apr 2023 13:26

Tgt Ion: 75 Resp: 20283  
Ion Ratio Lower Upper  
75 100  
155 79.7 38.4 115.1  
157 100.0 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 22.452 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX035042.D

Acq: 12 Apr 2023 13:26

Instrument :

MSVOA\_X

ClientSampleId :

VX0413MBS01

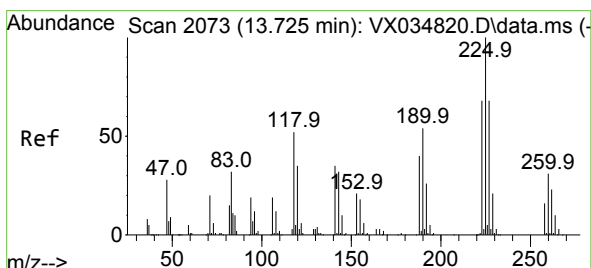
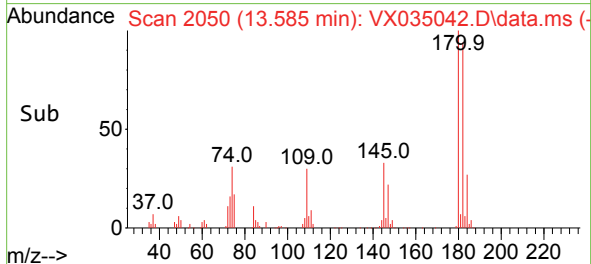
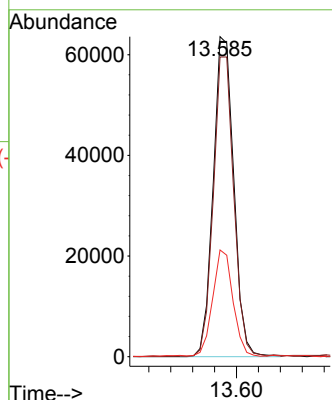
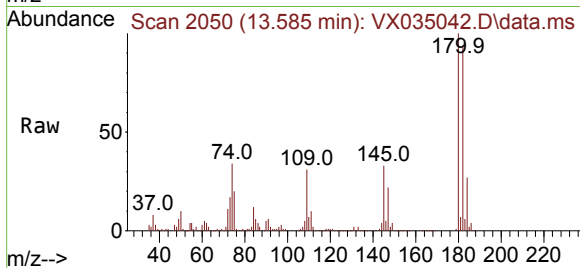
Tgt Ion:180 Resp: 82770

Ion Ratio Lower Upper

180 100

182 92.7 47.0 141.0

145 33.7 15.9 47.7



#94

Hexachlorobutadiene

Concen: 18.528 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX035042.D

Acq: 12 Apr 2023 13:26

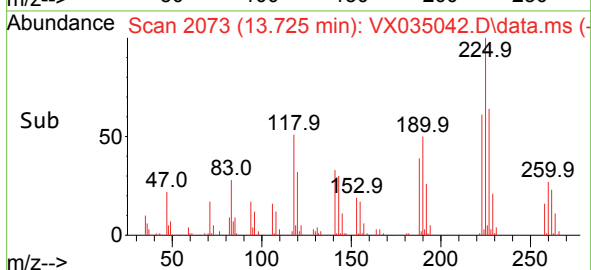
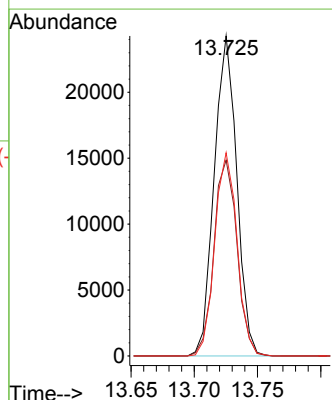
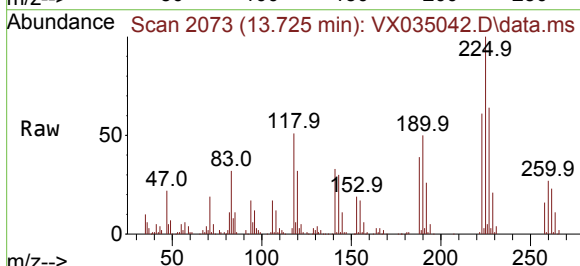
Tgt Ion:225 Resp: 30043

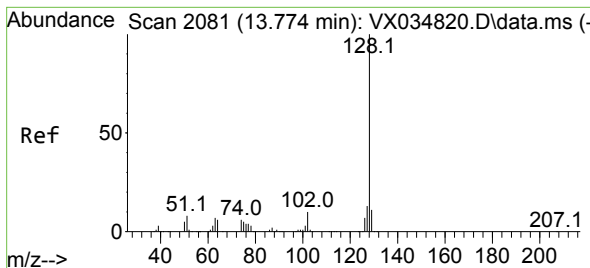
Ion Ratio Lower Upper

225 100

223 62.6 32.1 96.5

227 63.0 31.8 95.4





#95

Naphthalene

Concen: 22.880 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035042.D

Acq: 12 Apr 2023 13:26

Instrument :

MSVOA\_X

ClientSampleId :

VX0413MBS01

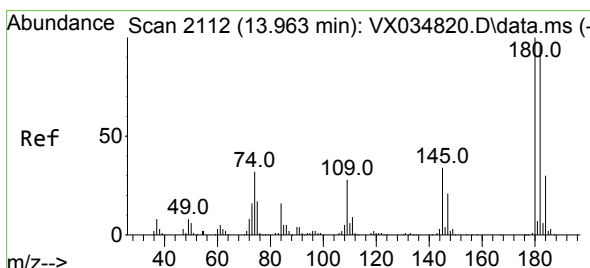
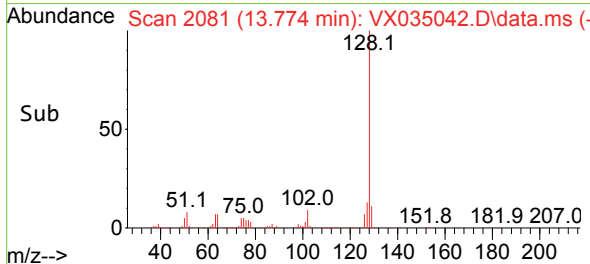
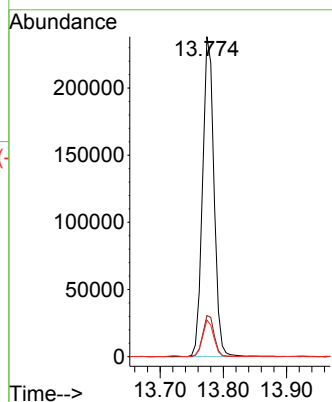
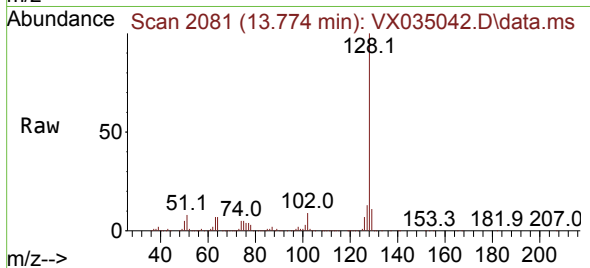
Tgt Ion:128 Resp: 299720

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.822 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035042.D

Acq: 12 Apr 2023 13:26

Tgt Ion:180 Resp: 81128

Ion Ratio Lower Upper

180 100

182 96.9 48.0 144.2

145 36.0 17.7 53.1

