

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN051822\  
 Data File : VN072540.D  
 Acq On : 18 May 2022 14:18  
 Operator : JC\MD  
 Sample : VSTDIC020  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: May 18 15:24:22 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051822W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 18 15:21:12 2022  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|------------------------------|----------------|------|------------|----------|-------|----------|
| -----                        |                |      |            |          |       |          |
| Internal Standards           |                |      |            |          |       |          |
| 1) Pentafluorobenzene        | 8.081          | 168  | 175719     | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene      | 8.963          | 114  | 267423     | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 11.739         | 117  | 276606     | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.669         | 152  | 118977     | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds  |                |      |            |          |       |          |
| 33) 1,2-Dichloroethane-d4    | 8.428          | 65   | 53818      | 19.917   | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 61 - 141 |      | Recovery = | 39.840%# |       |          |
| 35) Dibromofluoromethane     | 8.016          | 113  | 35062      | 19.615   | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 69 - 133 |      | Recovery = | 39.220%# |       |          |
| 50) Toluene-d8               | 10.433         | 98   | 135064     | 19.888   | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 65 - 126 |      | Recovery = | 39.780%# |       |          |
| 62) 4-Bromofluorobenzene     | 12.727         | 95   | 51681      | 22.322   | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 58 - 135 |      | Recovery = | 44.640%# |       |          |
| Target Compounds             |                |      |            |          |       |          |
|                              |                |      |            |          |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.063          | 85   | 38677      | 18.186   | ug/l  | 91       |
| 3) Chloromethane             | 2.293          | 50   | 35047      | 15.577   | ug/l  | 95       |
| 4) Vinyl Chloride            | 2.446          | 62   | 30600      | 17.295   | ug/l  | 93       |
| 5) Bromomethane              | 2.805          | 94   | 28082      | 24.947   | ug/l  | 100      |
| 6) Chloroethane              | 2.934          | 64   | 22769      | 18.933   | ug/l  | 96       |
| 7) Trichlorofluoromethane    | 3.316          | 101  | 69332      | 20.658   | ug/l  | 93       |
| 8) Diethyl Ether             | 3.828          | 74   | 20746      | 17.505   | ug/l  | 90       |
| 9) 1,1,2-Trichlorotrifluo... | 4.193          | 101  | 33210      | 18.371   | ug/l  | 94       |
| 10) Methyl Iodide            | 4.404          | 142  | 43590      | 18.317   | ug/l  | # 81     |
| 11) Tert butyl alcohol       | 5.404          | 59   | 27392      | 67.315   | ug/l  | 97       |
| 12) 1,1-Dichloroethene       | 4.163          | 96   | 29976      | 17.734   | ug/l  | 97       |
| 13) Acrolein                 | 4.040          | 56   | 33244      | 81.813   | ug/l  | 99       |
| 14) Allyl chloride           | 4.816          | 41   | 48968      | 15.544   | ug/l  | 89       |
| 15) Acrylonitrile            | 5.545          | 53   | 98655      | 85.548   | ug/l  | 97       |
| 16) Acetone                  | 4.287          | 43   | 85270      | 84.187   | ug/l  | 91       |
| 17) Carbon Disulfide         | 4.510          | 76   | 73147      | 16.659   | ug/l  | 99       |
| 18) Methyl Acetate           | 4.846          | 43   | 46100      | 15.402   | ug/l  | 95       |
| 19) Methyl tert-butyl Ether  | 5.604          | 73   | 121671     | 19.495   | ug/l  | 97       |
| 20) Methylene Chloride       | 5.081          | 84   | 35673      | 16.726   | ug/l  | 93       |
| 21) trans-1,2-Dichloroethene | 5.587          | 96   | 32509      | 18.010   | ug/l  | 97       |
| 22) Diisopropyl ether        | 6.498          | 45   | 109541     | 16.943   | ug/l  | 97       |
| 23) Vinyl Acetate            | 6.422          | 43   | 480983     | 88.902   | ug/l  | 97       |
| 24) 1,1-Dichloroethane       | 6.375          | 63   | 63888      | 17.433   | ug/l  | 99       |
| 25) 2-Butanone               | 7.334          | 43   | 130591     | 81.151   | ug/l  | 94       |
| 26) 2,2-Dichloropropane      | 7.316          | 77   | 63201      | 20.293   | ug/l  | 93       |
| 27) cis-1,2-Dichloroethene   | 7.316          | 96   | 40982      | 19.015   | ug/l  | 95       |
| 28) Bromochloromethane       | 7.645          | 49   | 25450      | 16.309   | ug/l  | 97       |
| 29) Tetrahydrofuran          | 7.681          | 42   | 82118      | 78.638   | ug/l  | 95       |
| 30) Chloroform               | 7.810          | 83   | 74387      | 19.717   | ug/l  | 100      |
| 31) Cyclohexane              | 8.087          | 56   | 59014      | 17.141   | ug/l  | 94       |
| 32) 1,1,1-Trichloroethane    | 8.004          | 97   | 72532      | 20.842   | ug/l  | 98       |
| 36) 1,1-Dichloropropene      | 8.210          | 75   | 49802      | 19.888   | ug/l  | 99       |
| 37) Ethyl Acetate            | 7.404          | 43   | 54157      | 18.429   | ug/l  | 98       |
| 38) Carbon Tetrachloride     | 8.198          | 117  | 63159      | 22.335   | ug/l  | 98       |
| 39) Methylcyclohexane        | 9.451          | 83   | 56812      | 20.318   | ug/l  | 93       |
| 40) Benzene                  | 8.451          | 78   | 145288     | 19.443   | ug/l  | 98       |

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 ClientSampleId :

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 Quant Title : SW846 8260  
 QLast Update : Wed May 18 15:21:12 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.628  | 41   | 26296    | 17.709  | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 8.522  | 62   | 68800    | 22.580  | ug/l   | 94       |
| 43) Isopropyl Acetate         | 8.557  | 43   | 88307    | 19.193  | ug/l   | 96       |
| 44) Trichloroethene           | 9.204  | 130  | 41368    | 21.744  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.486  | 63   | 36979    | 19.701  | ug/l   | 100      |
| 46) Dibromomethane            | 9.569  | 93   | 26537    | 19.945  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.757  | 83   | 58444    | 21.372  | ug/l # | 98       |
| 48) Methyl methacrylate       | 9.557  | 41   | 41703    | 19.614  | ug/l # | 90       |
| 49) 1,4-Dioxane               | 9.569  | 88   | 8147     | 240.416 | ug/l # | 81       |
| 51) 4-Methyl-2-Pentanone      | 10.328 | 43   | 315121   | 109.293 | ug/l   | 94       |
| 52) Toluene                   | 10.498 | 92   | 98747    | 21.178  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.716 | 75   | 61125    | 21.790  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene   | 10.186 | 75   | 61415    | 20.758  | ug/l # | 90       |
| 55) 1,1,2-Trichloroethane     | 10.898 | 97   | 40963    | 20.852  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.757 | 69   | 67530    | 23.971  | ug/l   | 89       |
| 57) 1,3-Dichloropropane       | 11.039 | 76   | 69536    | 20.951  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.033 | 63   | 67805    | 115.980 | ug/l   | 99       |
| 59) 2-Hexanone                | 11.080 | 43   | 216095   | 107.360 | ug/l   | 91       |
| 60) Dibromochloromethane      | 11.233 | 129  | 46976    | 22.411  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.339 | 107  | 45003    | 22.951  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.969 | 164  | 39373    | 20.049  | ug/l   | 93       |
| 65) Chlorobenzene             | 11.769 | 112  | 116705   | 20.782  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.839 | 131  | 45151    | 20.064  | ug/l   | 95       |
| 67) Ethyl Benzene             | 11.839 | 91   | 209865   | 21.715  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.951 | 106  | 163805   | 44.539  | ug/l   | 93       |
| 69) o-Xylene                  | 12.274 | 106  | 82708    | 22.851  | ug/l   | 96       |
| 70) Styrene                   | 12.292 | 104  | 129804   | 23.303  | ug/l   | 95       |
| 71) Bromoform                 | 12.451 | 173  | 36313    | 21.972  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.574 | 105  | 216502   | 22.089  | ug/l   | 97       |
| 74) N-amyl acetate            | 12.386 | 43   | 62443    | 18.327  | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 12.822 | 83   | 59210    | 17.067  | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane    | 12.874 | 75   | 79382    | 25.896  | ug/l   | 55       |
| 77) Bromobenzene              | 12.857 | 156  | 50998    | 21.744  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.916 | 91   | 231517   | 22.018  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 13.004 | 91   | 147778   | 21.226  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 13.057 | 105  | 185128   | 22.834  | ug/l   | 95       |
| 81) trans-1,4-Dichloro-2-b... | 12.622 | 75   | 17247    | 18.979  | ug/l   | 87       |
| 82) 4-Chlorotoluene           | 13.098 | 91   | 137613   | 20.964  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.321 | 119  | 160653   | 22.991  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.363 | 105  | 183483   | 23.561  | ug/l   | 94       |
| 85) sec-Butylbenzene          | 13.498 | 105  | 207500   | 22.344  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.610 | 119  | 172960   | 23.773  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.610 | 146  | 85374    | 21.201  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.692 | 146  | 80219    | 19.944  | ug/l   | 95       |
| 89) n-Butylbenzene            | 13.939 | 91   | 127711   | 22.825  | ug/l   | 96       |
| 90) Hexachloroethane          | 14.204 | 117  | 29243    | 20.132  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 13.986 | 146  | 85589    | 21.174  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.598 | 75   | 12892    | 20.664  | ug/l   | 88       |
| 93) 1,2,4-Trichlorobenzene    | 15.257 | 180  | 33165    | 20.998  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.368 | 225  | 19953    | 19.206  | ug/l   | 97       |
| 95) Naphthalene               | 15.498 | 128  | 95353    | 20.973  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.698 | 180  | 34071    | 21.519  | ug/l   | 98       |

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ALS Vial : 8 Sample Multiplier: 1

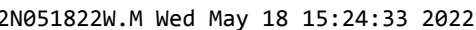
Instrument :  
MSVOA\_N  
ClientSampleId :

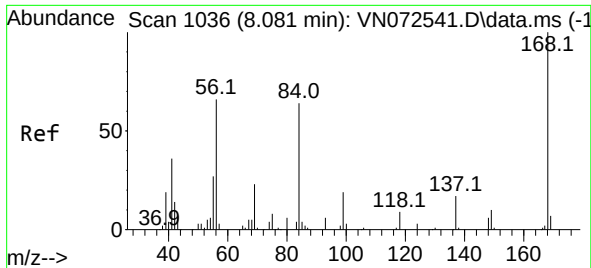
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Quant Title : SW846 8260  
QLast Update : Wed May 18 15:21:12 2022  
Response via : Initial Calibration

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

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

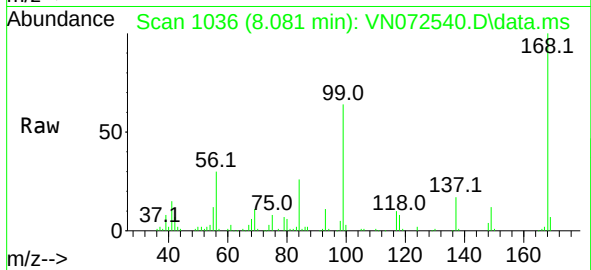
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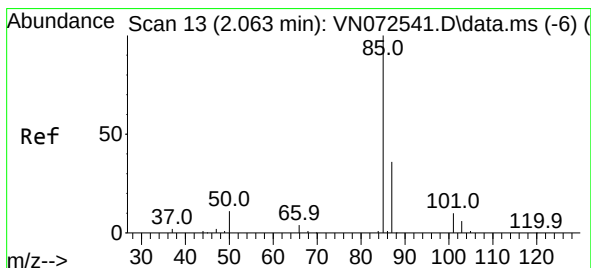
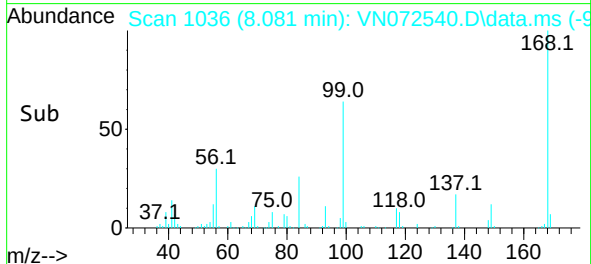
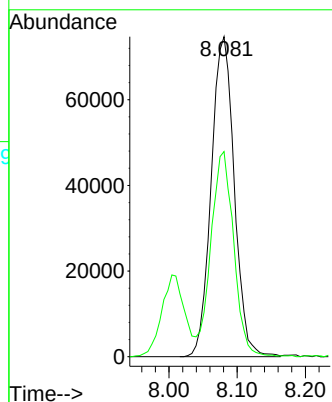


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

Instrument :  
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ClientSampleId :

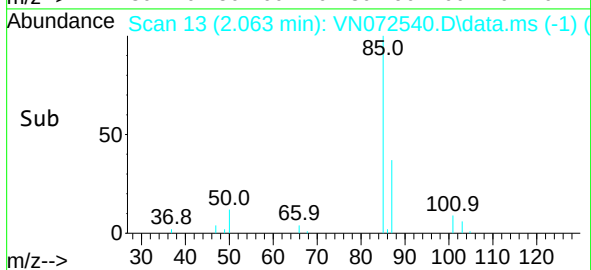
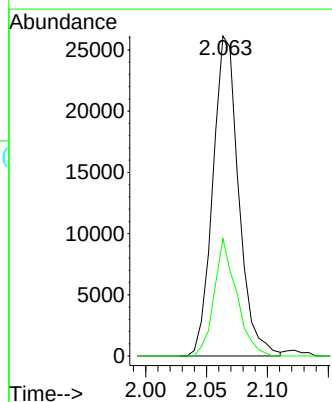
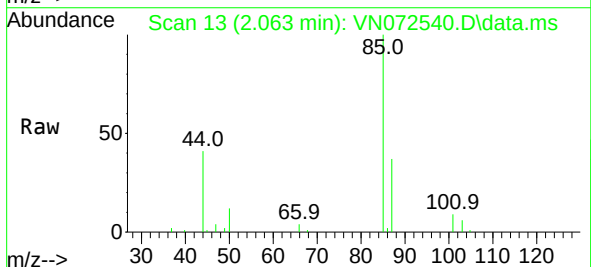


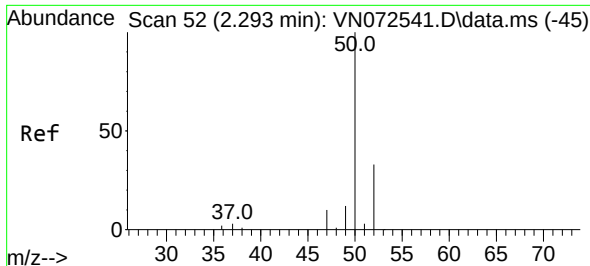
Tgt Ion:168 Resp: 175719  
Ion Ratio Lower Upper  
168 100  
99 63.8 42.3 63.5#



#2  
Dichlorodifluoromethane  
Concen: 18.186 ug/l  
RT: 2.063 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

Tgt Ion: 85 Resp: 38677  
Ion Ratio Lower Upper  
85 100  
87 36.6 15.7 47.1

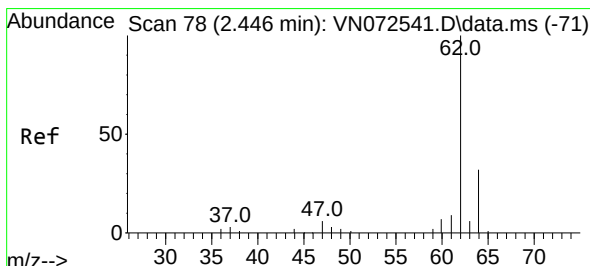
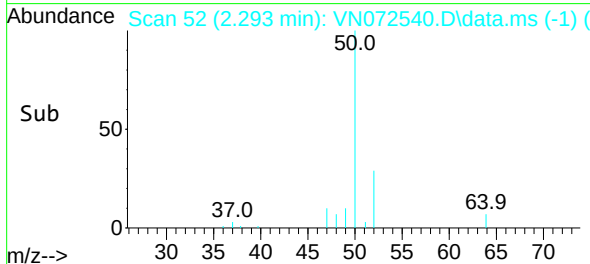
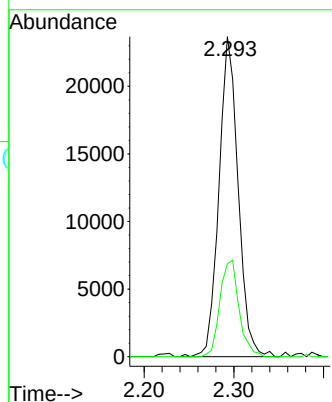
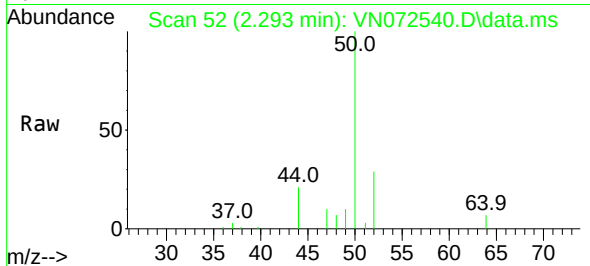




#3  
Chloromethane  
Concen: 15.577 ug/l  
RT: 2.293 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

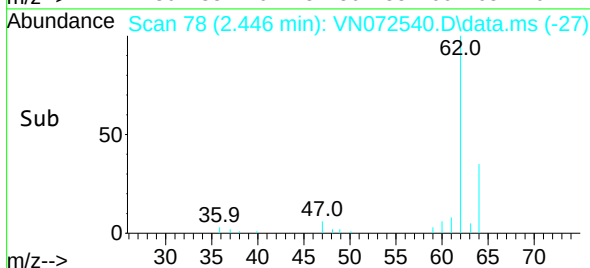
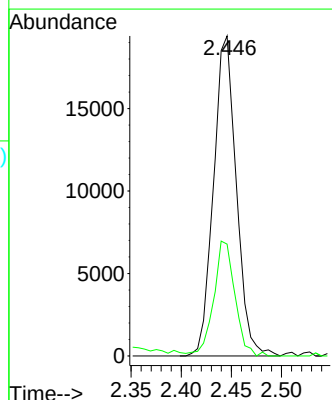
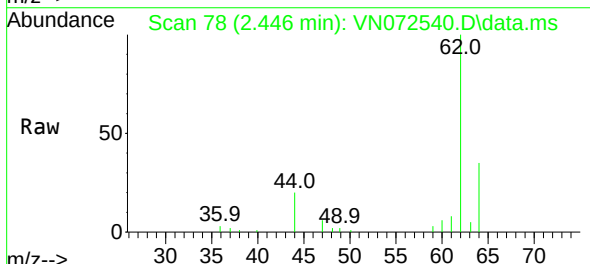
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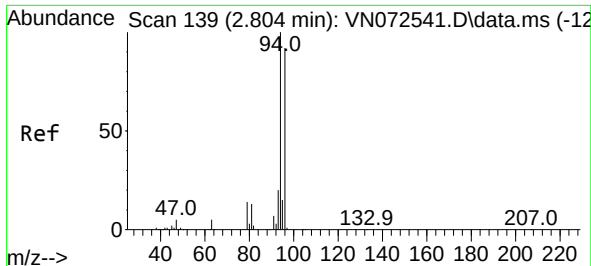
Tgt Ion: 50 Resp: 35047  
Ion Ratio Lower Upper  
50 100  
52 29.1 25.7 38.5



#4  
Vinyl Chloride  
Concen: 17.295 ug/l  
RT: 2.446 min Scan# 78  
Delta R.T. 0.000 min  
Lab File: VN072540.D  
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Tgt Ion: 62 Resp: 30600  
Ion Ratio Lower Upper  
62 100  
64 34.9 25.0 37.4

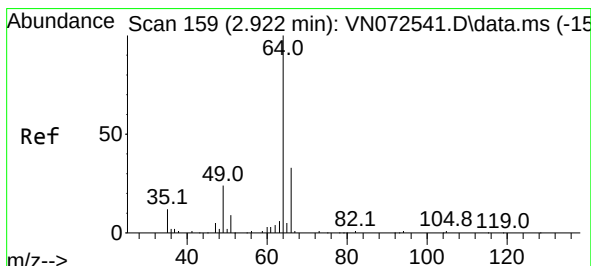
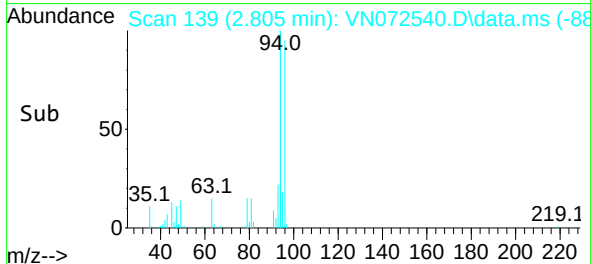
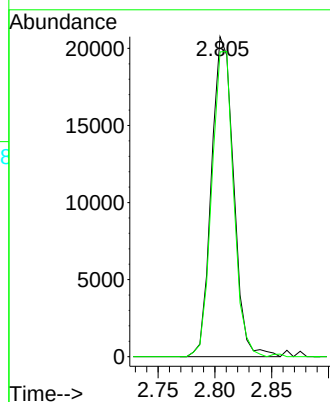
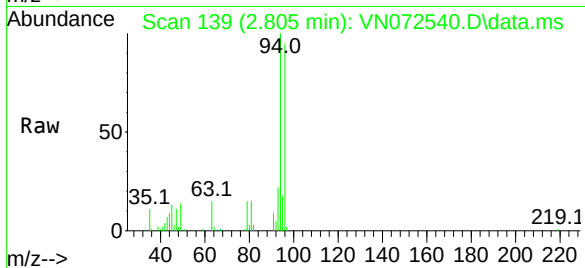




#5  
Bromomethane  
Concen: 24.947 ug/l  
RT: 2.805 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN072540.D  
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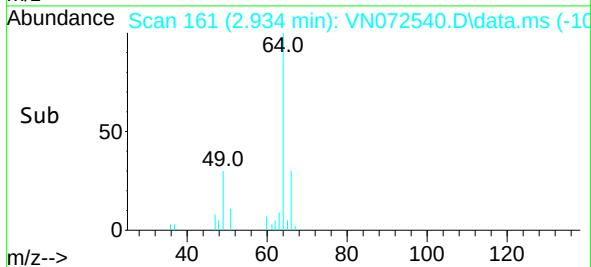
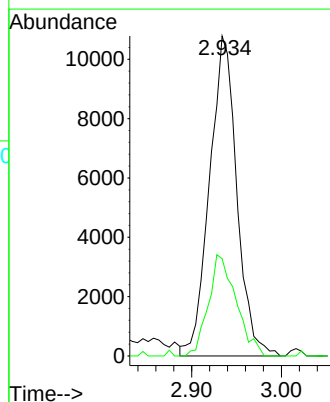
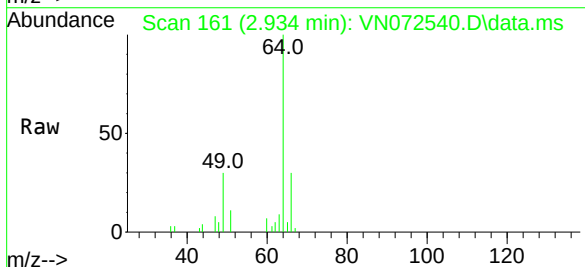
Instrument :  
MSVOA\_N  
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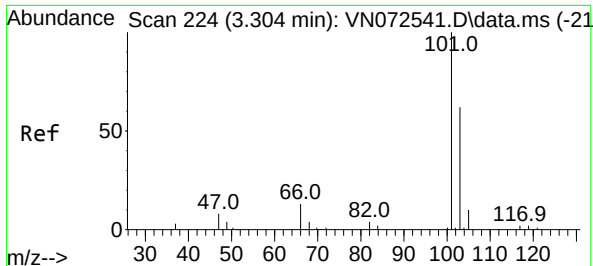
Tgt Ion: 94 Resp: 28082  
Ion Ratio Lower Upper  
94 100  
96 95.3 76.0 114.0



#6  
Chloroethane  
Concen: 18.933 ug/l  
RT: 2.934 min Scan# 161  
Delta R.T. 0.012 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

Tgt Ion: 64 Resp: 22769  
Ion Ratio Lower Upper  
64 100  
66 30.4 26.2 39.4

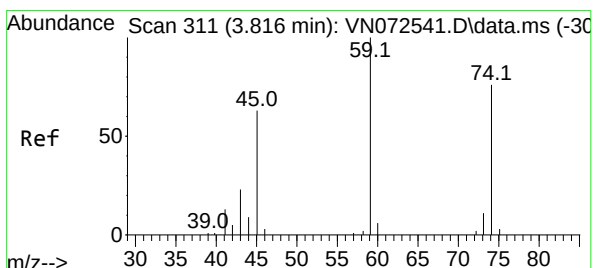
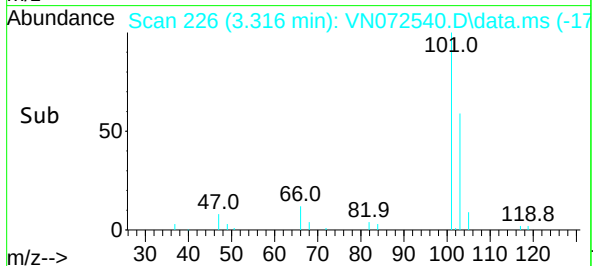
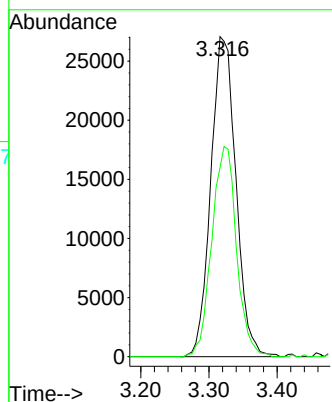
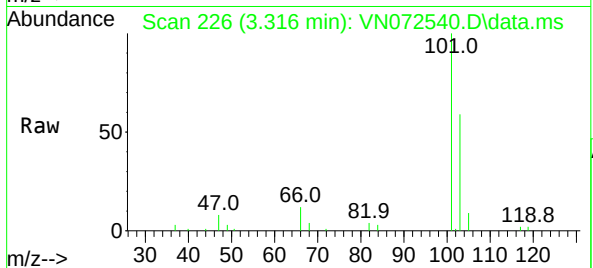




#7  
Trichlorofluoromethane  
Concen: 20.658 ug/l  
RT: 3.316 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

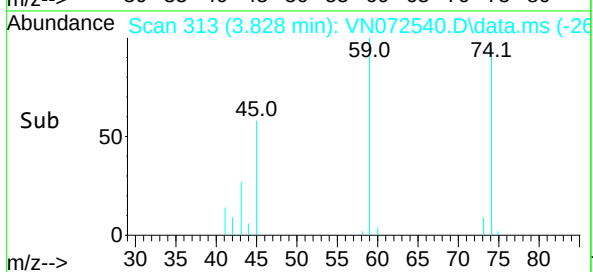
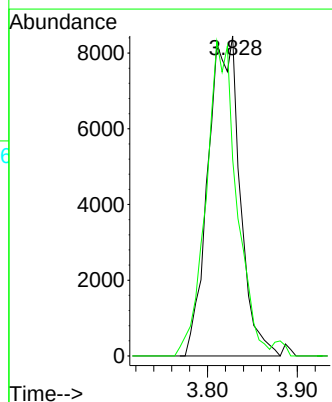
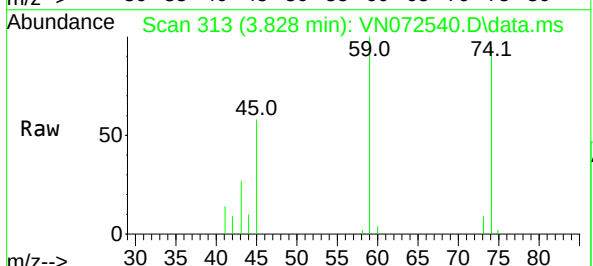
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:101 Resp: 69332  
Ion Ratio Lower Upper  
101 100  
103 59.1 51.5 77.3

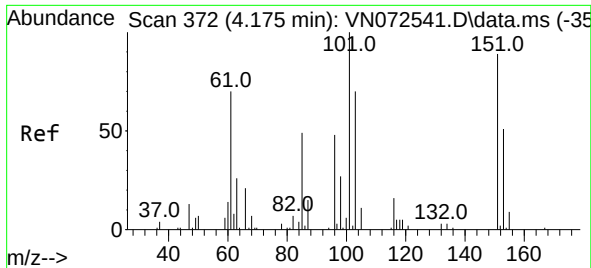


#8  
Diethyl Ether  
Concen: 17.505 ug/l  
RT: 3.828 min Scan# 313  
Delta R.T. 0.012 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

Tgt Ion: 74 Resp: 20746  
Ion Ratio Lower Upper  
74 100  
45 94.9 42.9 128.5



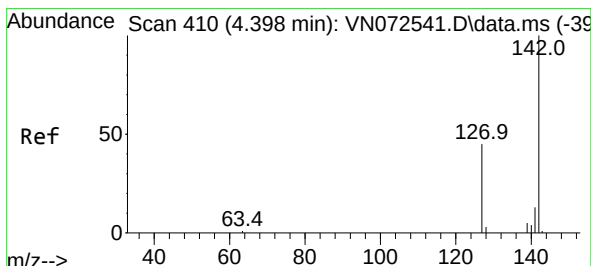
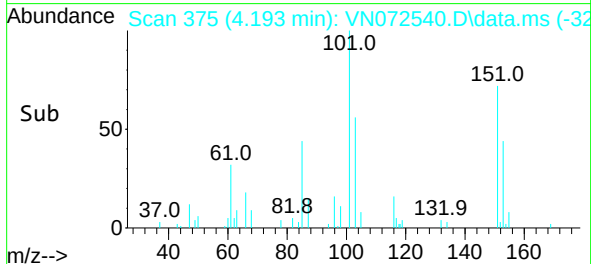
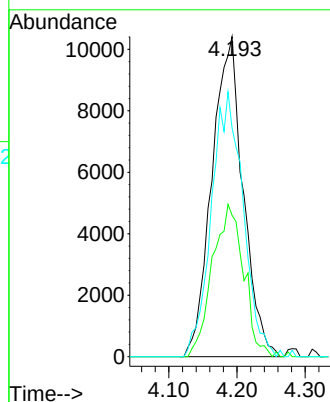
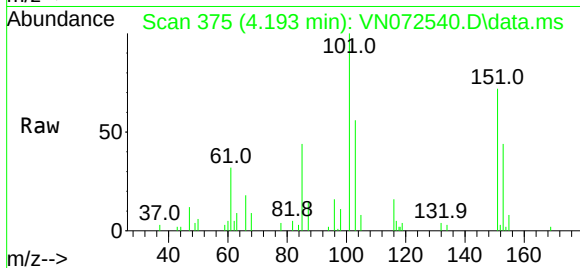




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.371 ug/l  
RT: 4.193 min Scan# 31  
Delta R.T. 0.018 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

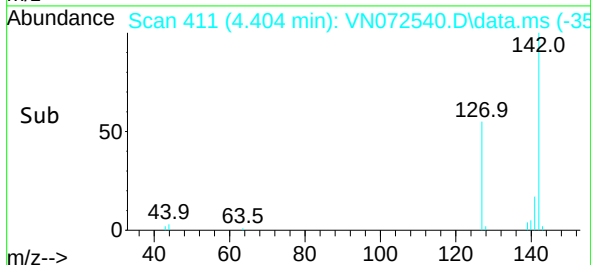
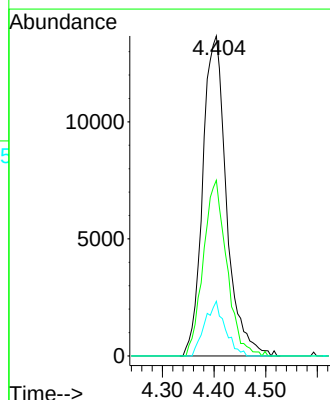
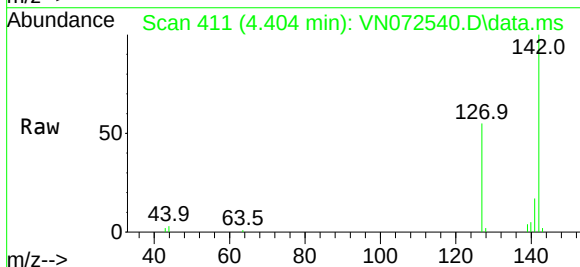
Instrument :  
MSVOA\_N  
ClientSampleId :

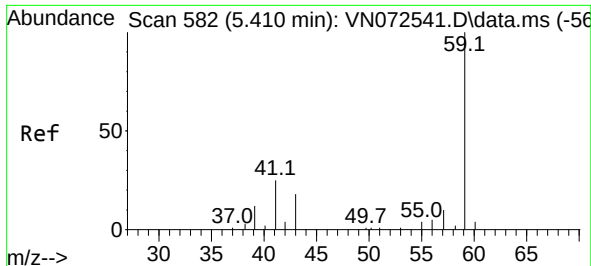
Tgt Ion:101 Resp: 33210  
Ion Ratio Lower Upper  
101 100  
85 47.6 34.7 52.1  
151 84.1 63.0 94.4



#10  
Methyl Iodide  
Concen: 18.317 ug/l  
RT: 4.404 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

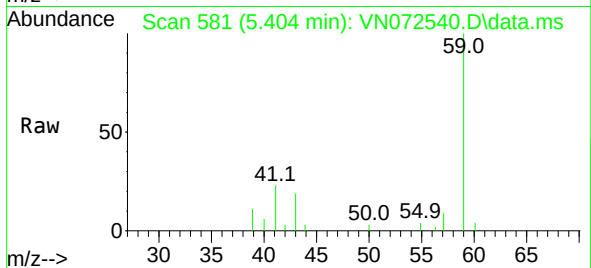
Tgt Ion:142 Resp: 43590  
Ion Ratio Lower Upper  
142 100  
127 54.1 31.3 46.9#  
141 14.7 11.2 16.8



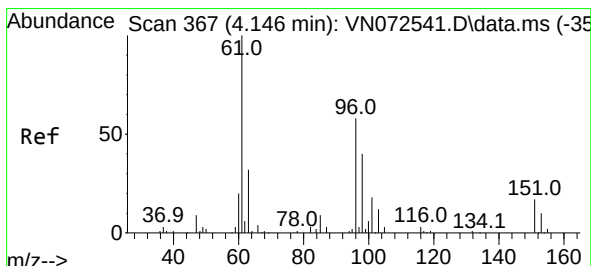
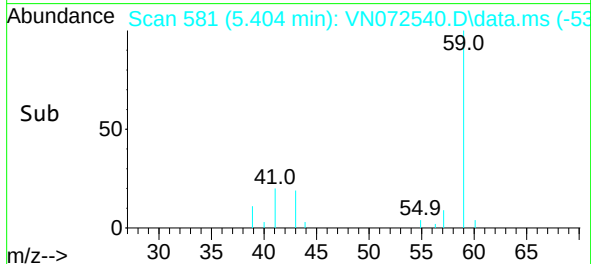
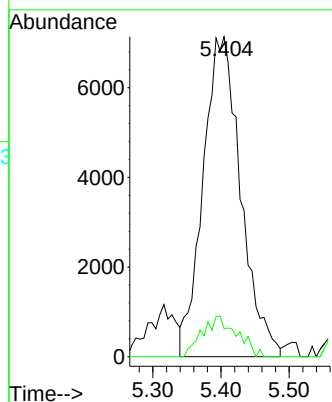


#11  
Tert butyl alcohol  
Concen: 67.315 ug/l  
RT: 5.404 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

Instrument :  
MSVOA\_N  
ClientSampleId :

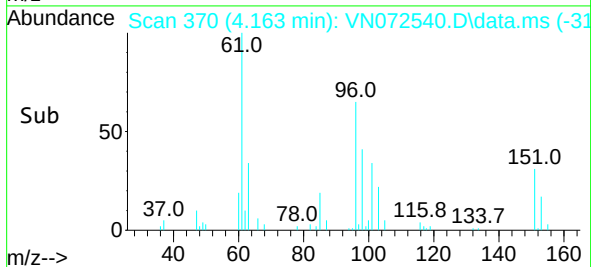
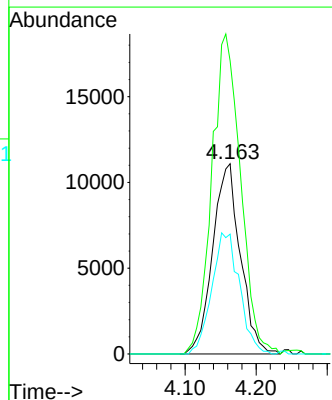
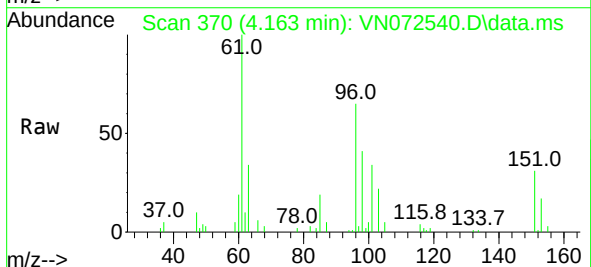


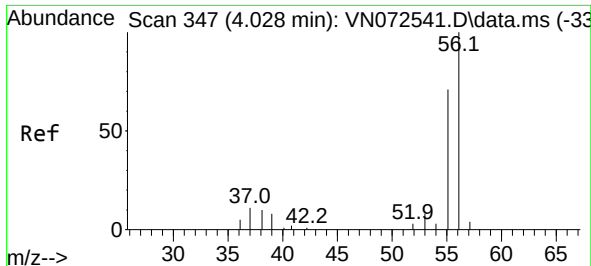
Tgt Ion: 59 Resp: 27392  
Ion Ratio Lower Upper  
59 100  
57 11.6 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 17.734 ug/l  
RT: 4.163 min Scan# 370  
Delta R.T. 0.018 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

Tgt Ion: 96 Resp: 29976  
Ion Ratio Lower Upper  
96 100  
61 154.1 127.6 191.4  
98 63.0 51.2 76.8





#13

Acrolein

Concen: 81.813 ug/l

RT: 4.040 min Scan# 347

Delta R.T. 0.012 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA\_N

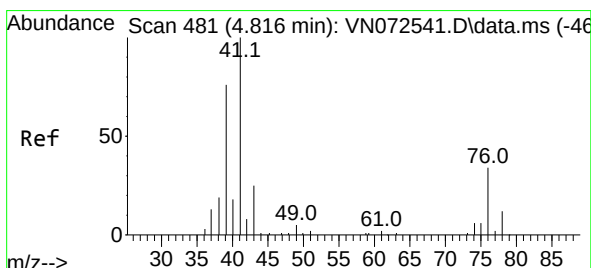
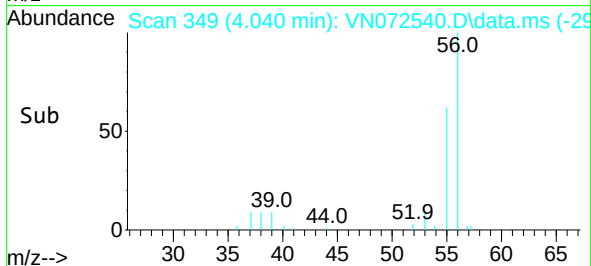
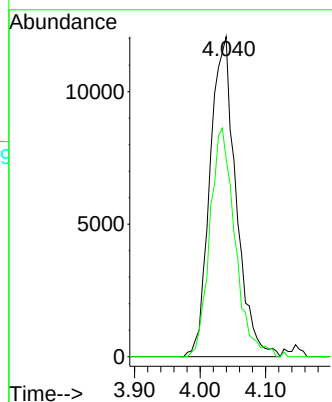
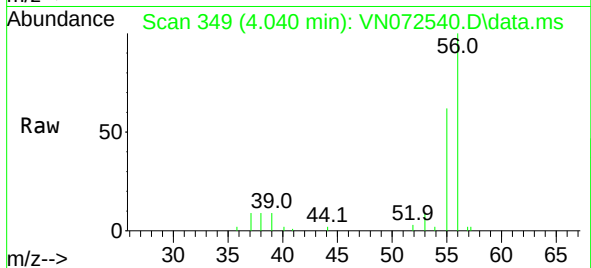
ClientSampleId :

Tgt Ion: 56 Resp: 33244

Ion Ratio Lower Upper

56 100

55 69.0 54.8 82.2



#14

Allyl chloride

Concen: 15.544 ug/l

RT: 4.816 min Scan# 481

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

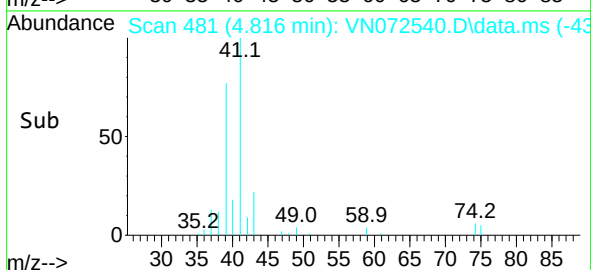
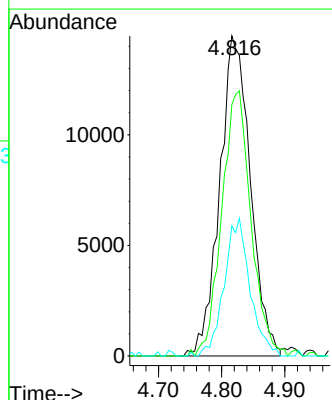
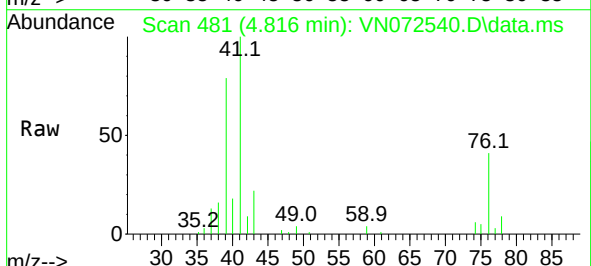
Tgt Ion: 41 Resp: 48968

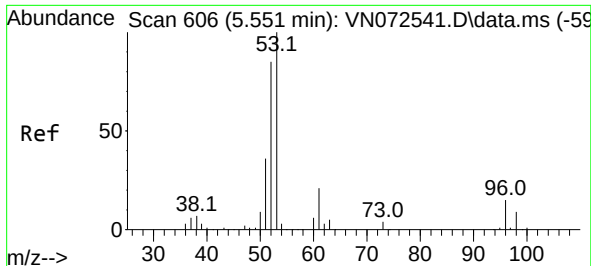
Ion Ratio Lower Upper

41 100

39 78.6 53.2 79.8

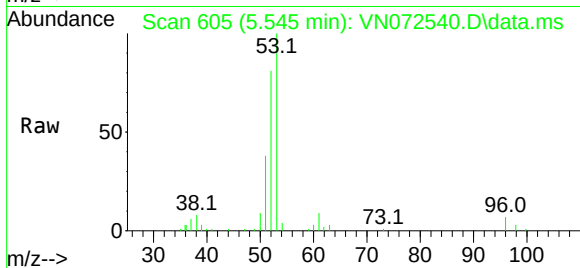
76 36.0 29.9 44.9



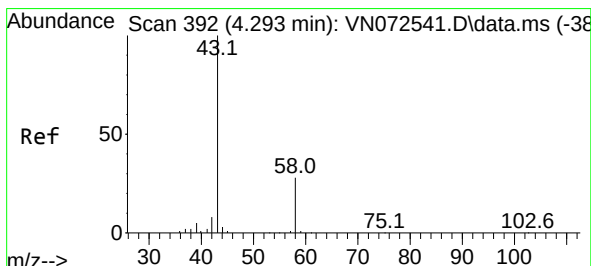
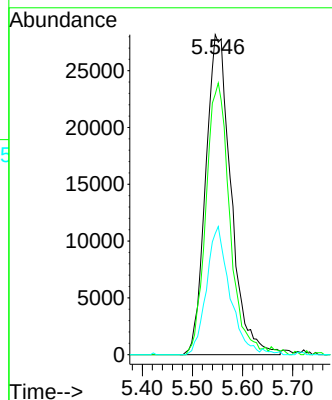
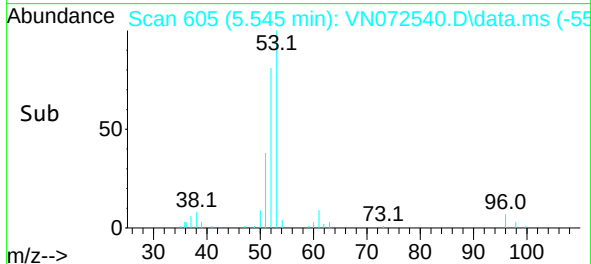


#15  
Acrylonitrile  
Concen: 85.548 ug/l  
RT: 5.545 min Scan# 606  
Delta R.T. -0.006 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

Instrument :  
MSVOA\_N  
ClientSampleId :

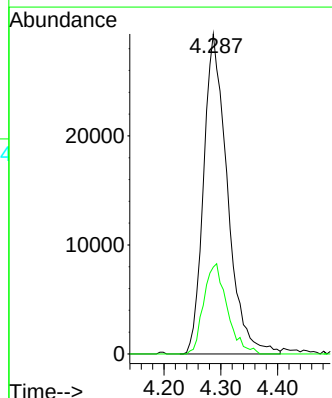
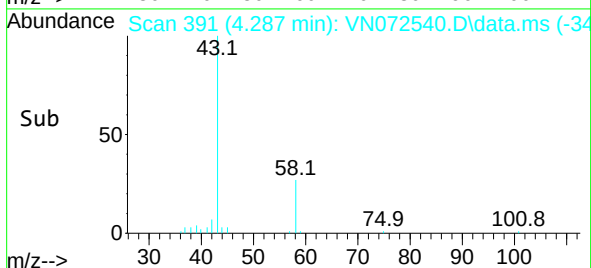
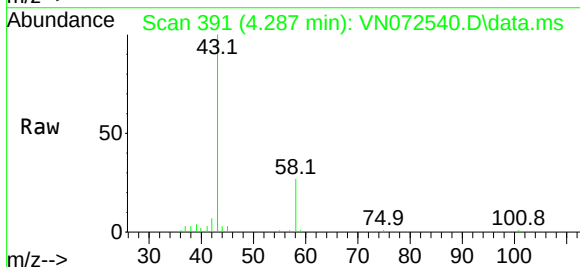


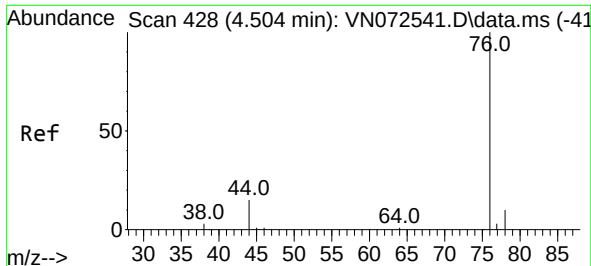
Tgt Ion: 53 Resp: 98655  
Ion Ratio Lower Upper  
53 100  
52 79.6 66.4 99.6  
51 36.7 28.5 42.7



#16  
Acetone  
Concen: 84.187 ug/l  
RT: 4.287 min Scan# 391  
Delta R.T. -0.006 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

Tgt Ion: 43 Resp: 85270  
Ion Ratio Lower Upper  
43 100  
58 27.2 26.0 39.0

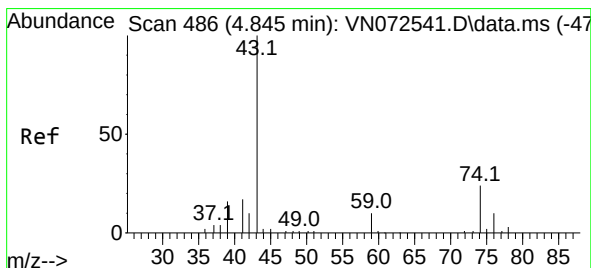
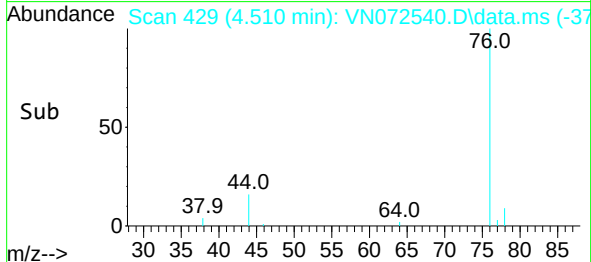
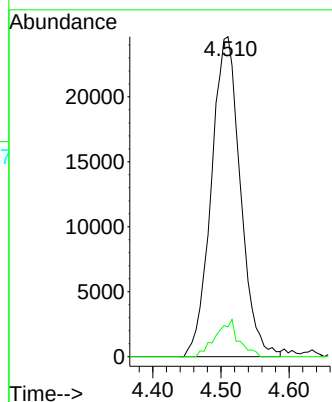
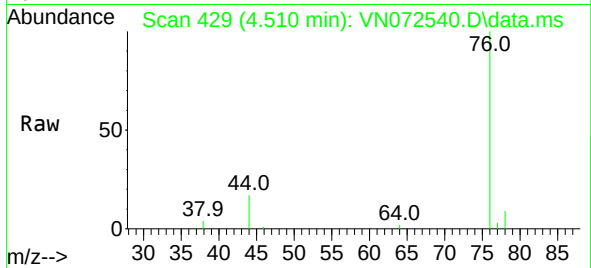




#17  
Carbon Disulfide  
Concen: 16.659 ug/l  
RT: 4.510 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

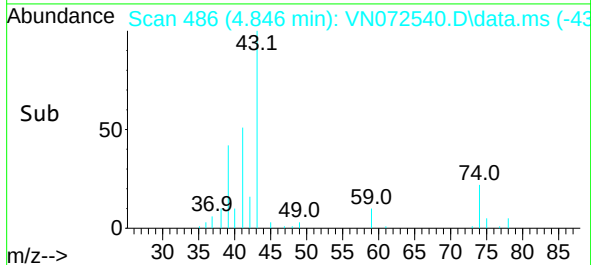
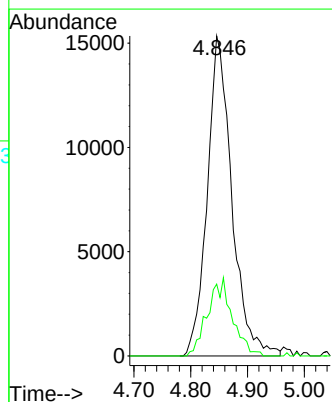
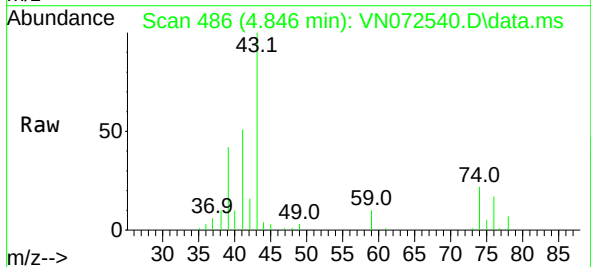
Instrument :  
MSVOA\_N  
ClientSampleId :

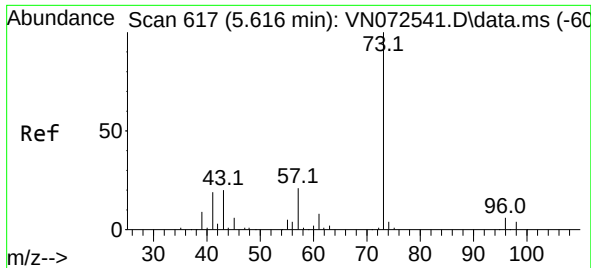
Tgt Ion: 76 Resp: 73147  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.2 10.8



#18  
Methyl Acetate  
Concen: 15.402 ug/l  
RT: 4.846 min Scan# 486  
Delta R.T. 0.000 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

Tgt Ion: 43 Resp: 46100  
Ion Ratio Lower Upper  
43 100  
74 24.5 21.6 32.4

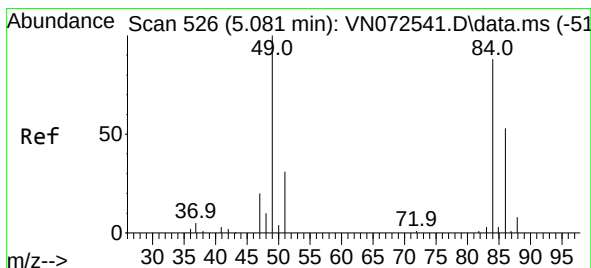
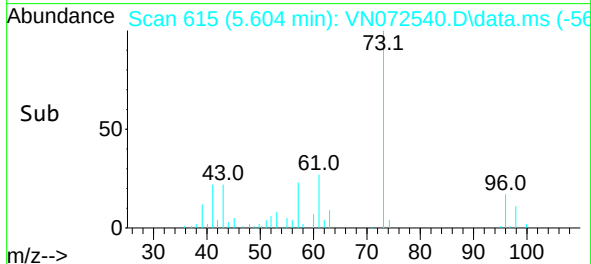
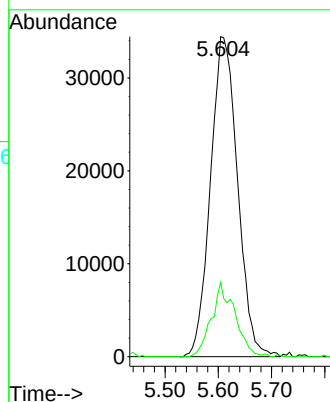
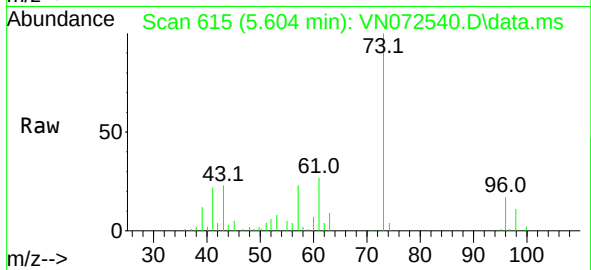




#19  
Methyl tert-butyl Ether  
Concen: 19.495 ug/l  
RT: 5.604 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

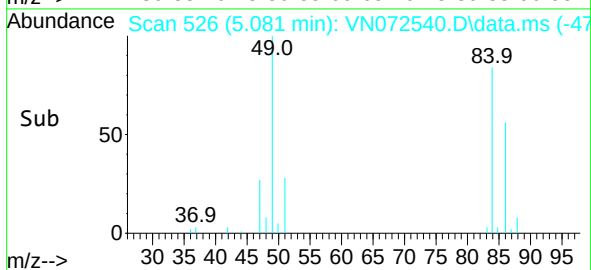
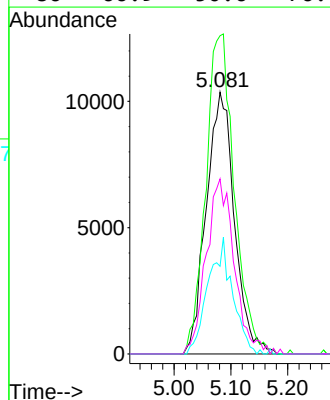
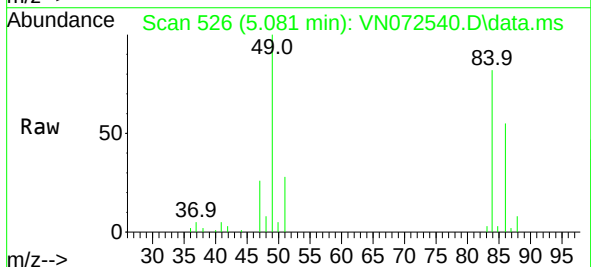
Instrument :  
MSVOA\_N  
ClientSampleId :

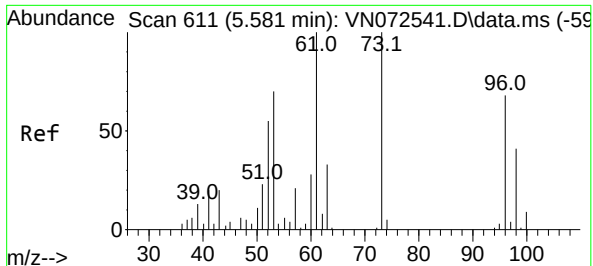
Tgt Ion: 73 Resp: 121671  
Ion Ratio Lower Upper  
73 100  
57 23.3 17.6 26.4



#20  
Methylene Chloride  
Concen: 16.726 ug/l  
RT: 5.081 min Scan# 526  
Delta R.T. 0.000 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

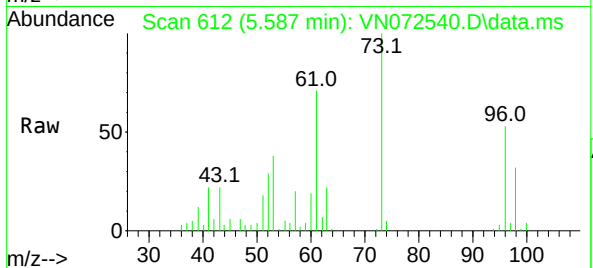
Tgt Ion: 84 Resp: 35673  
Ion Ratio Lower Upper  
84 100  
49 121.6 88.3 132.5  
51 33.5 28.2 42.2  
86 66.9 50.6 76.0



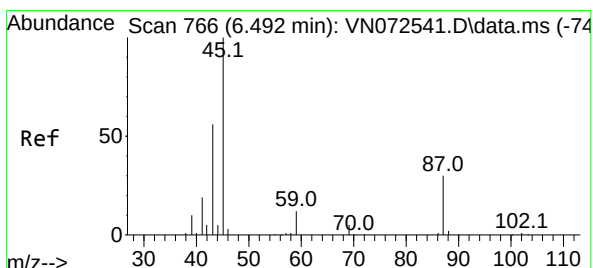
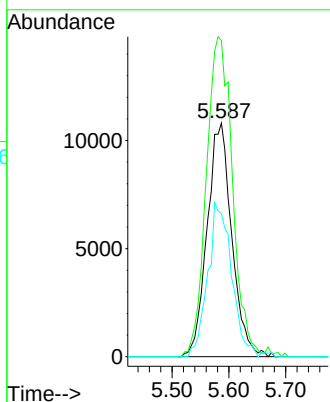
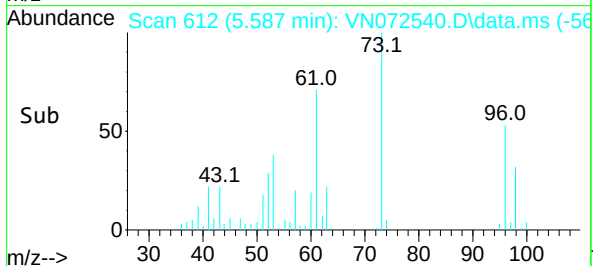


#21  
trans-1,2-Dichloroethene  
Concen: 18.010 ug/l  
RT: 5.587 min Scan# 611  
Delta R.T. 0.006 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

Instrument :  
MSVOA\_N  
ClientSampleId :

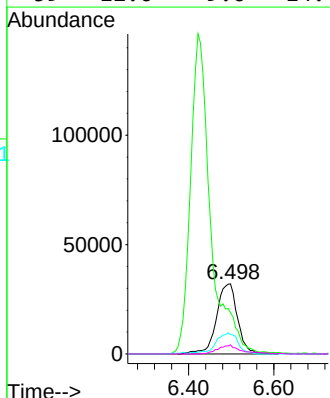
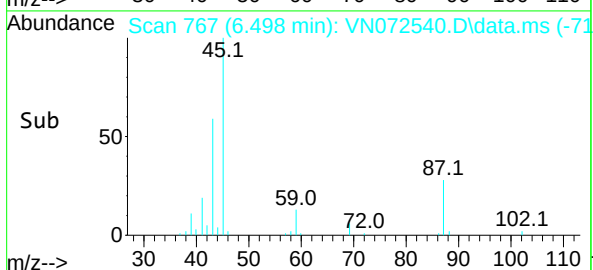
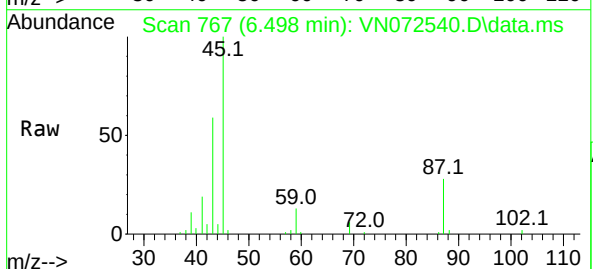


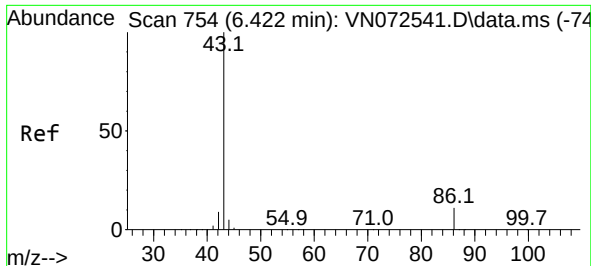
Tgt Ion: 96 Resp: 32509  
Ion Ratio Lower Upper  
96 100  
61 135.4 105.8 158.8  
98 61.1 50.3 75.5



#22  
Diisopropyl ether  
Concen: 16.943 ug/l  
RT: 6.498 min Scan# 767  
Delta R.T. 0.006 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

Tgt Ion: 45 Resp: 109541  
Ion Ratio Lower Upper  
45 100  
43 56.4 46.6 70.0  
87 27.9 24.3 36.5  
59 12.6 9.6 14.4

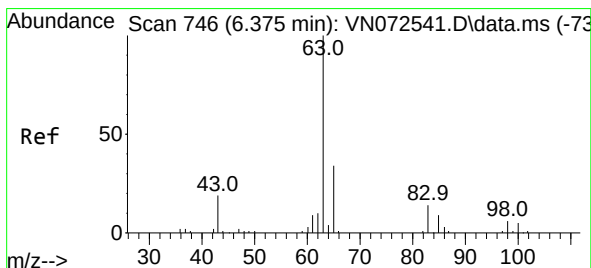
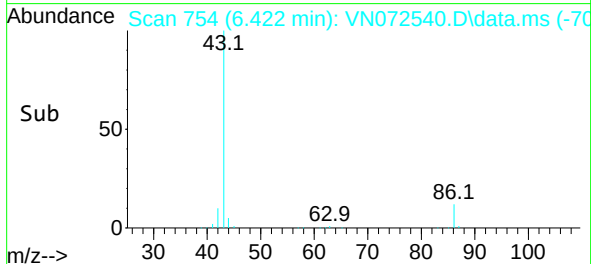
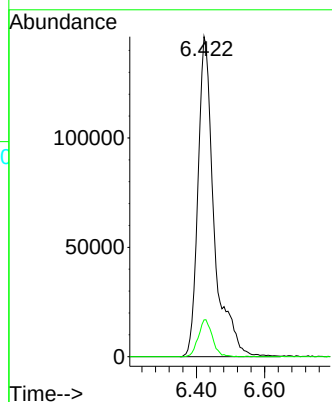
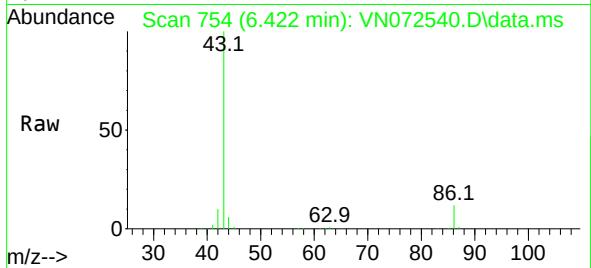




#23  
 Vinyl Acetate  
 Concen: 88.902 ug/l  
 RT: 6.422 min Scan# 754  
 Delta R.T. 0.000 min  
 Lab File: VN072540.D  
 Acq: 18 May 2022 14:18

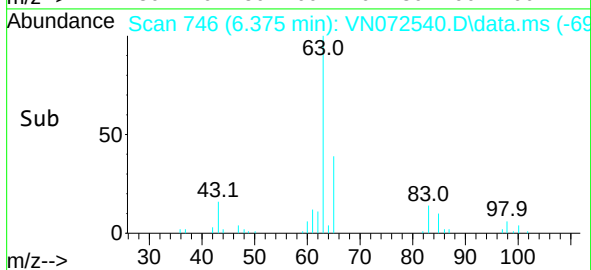
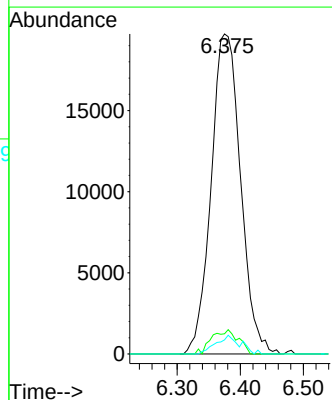
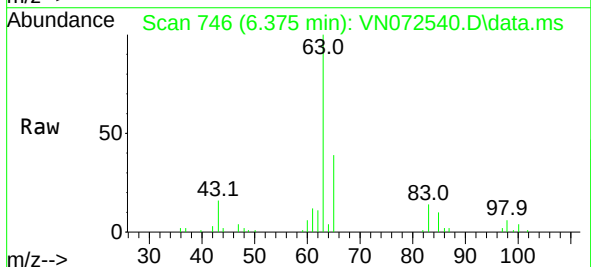
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion: 43 Resp: 480983  
 Ion Ratio Lower Upper  
 43 100  
 86 11.5 10.0 15.0

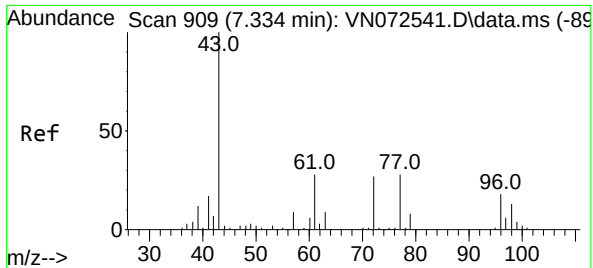


#24  
 1,1-Dichloroethane  
 Concen: 17.433 ug/l  
 RT: 6.375 min Scan# 746  
 Delta R.T. 0.000 min  
 Lab File: VN072540.D  
 Acq: 18 May 2022 14:18

Tgt Ion: 63 Resp: 63888  
 Ion Ratio Lower Upper  
 63 100  
 98 6.3 3.5 10.4  
 100 4.4 2.3 6.8







#25

2-Butanone

Concen: 81.151 ug/l

RT: 7.334 min Scan# 909

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA\_N

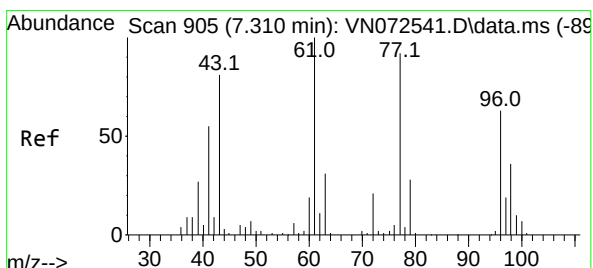
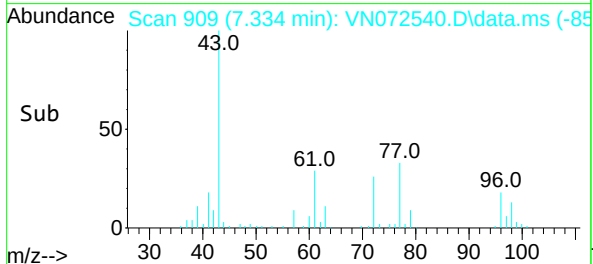
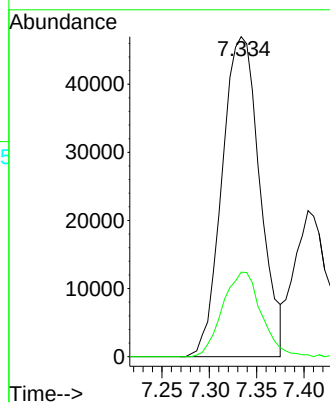
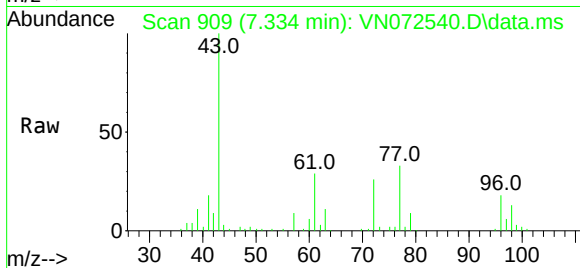
ClientSampleId :

Tgt Ion: 43 Resp: 130591

Ion Ratio Lower Upper

43 100

72 26.4 23.7 35.5



#26

2,2-Dichloropropane

Concen: 20.293 ug/l

RT: 7.316 min Scan# 906

Delta R.T. 0.006 min

Lab File: VN072540.D

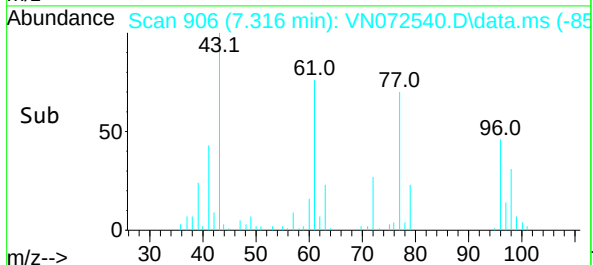
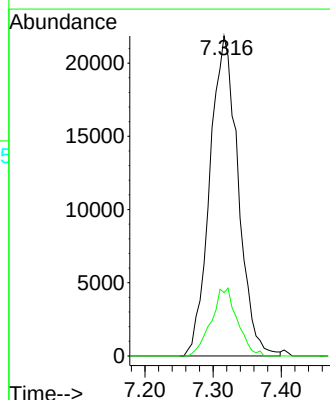
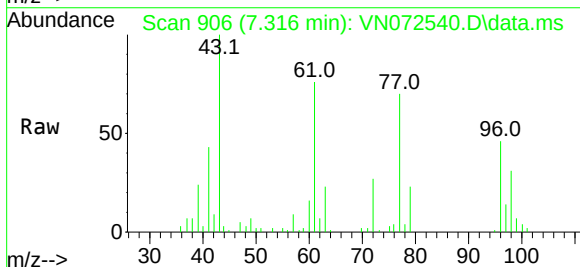
Acq: 18 May 2022 14:18

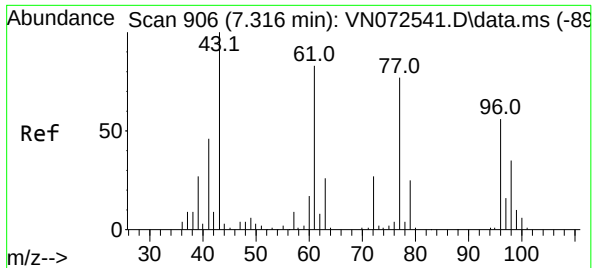
Tgt Ion: 77 Resp: 63201

Ion Ratio Lower Upper

77 100

97 19.5 11.4 34.2



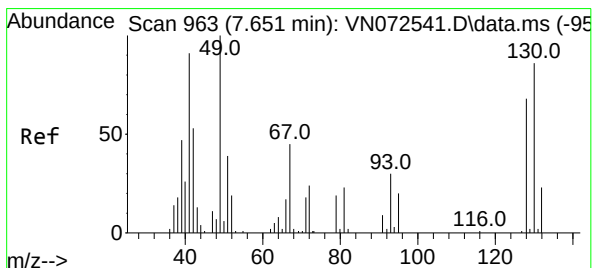
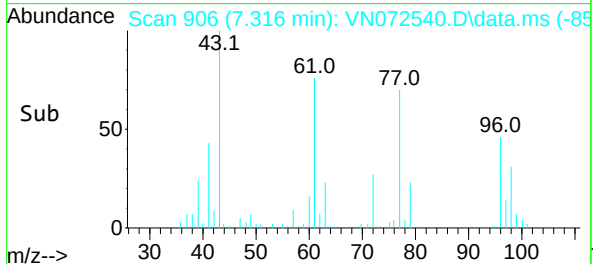
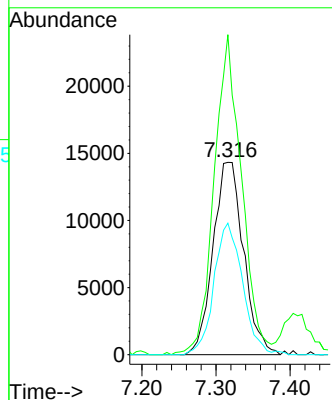
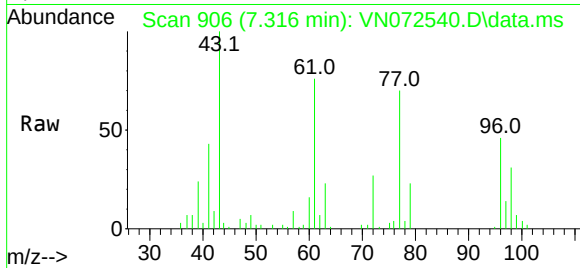


#27  
 cis-1,2-Dichloroethene  
 Concen: 19.015 ug/l  
 RT: 7.316 min Scan# 906  
 Delta R.T. 0.000 min  
 Lab File: VN072540.D  
 Acq: 18 May 2022 14:18

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion: 96 Resp: 40982  

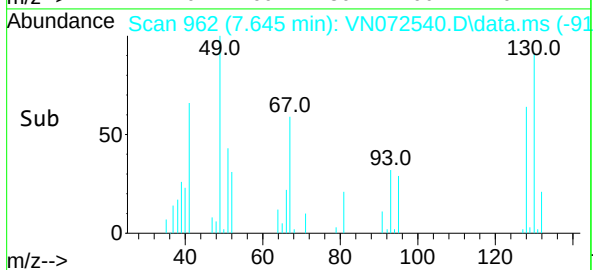
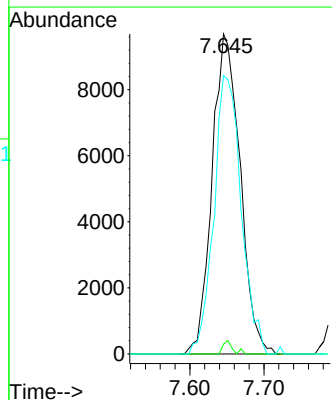
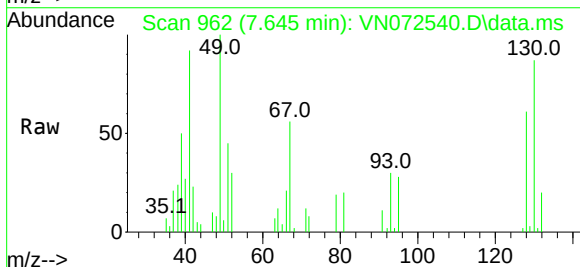
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 149.5 | 0.0   | 280.6 |
| 98  | 63.7  | 0.0   | 128.4 |

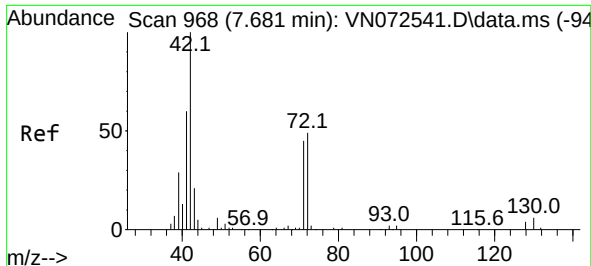


#28  
 Bromochloromethane  
 Concen: 16.309 ug/l  
 RT: 7.645 min Scan# 962  
 Delta R.T. -0.006 min  
 Lab File: VN072540.D  
 Acq: 18 May 2022 14:18

Tgt Ion: 49 Resp: 25450  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.4   | 0.0   | 4.6   |
| 130 | 84.7  | 69.7  | 104.5 |





#29

Tetrahydrofuran

Concen: 78.638 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA\_N

ClientSampleId :

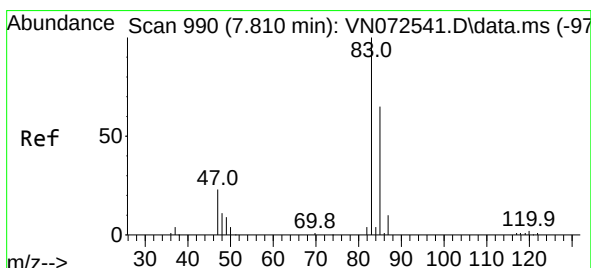
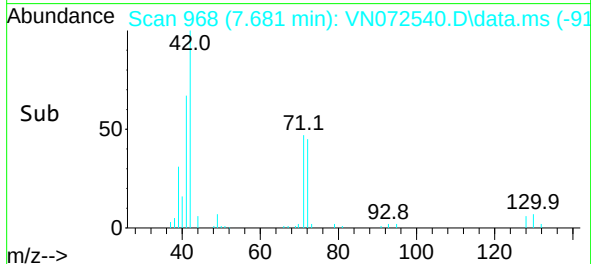
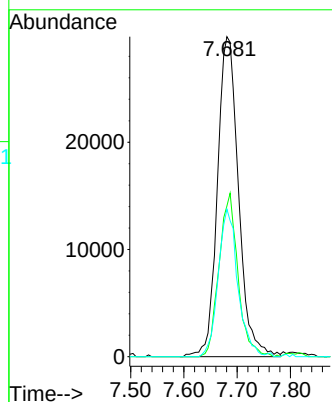
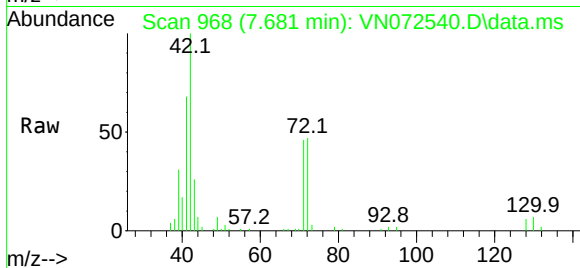
Tgt Ion: 42 Resp: 82118

Ion Ratio Lower Upper

42 100

72 45.9 39.7 59.5

71 42.8 36.6 55.0



#30

Chloroform

Concen: 19.717 ug/l

RT: 7.810 min Scan# 990

Delta R.T. 0.000 min

Lab File: VN072540.D

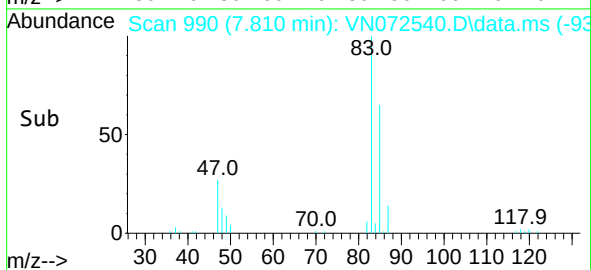
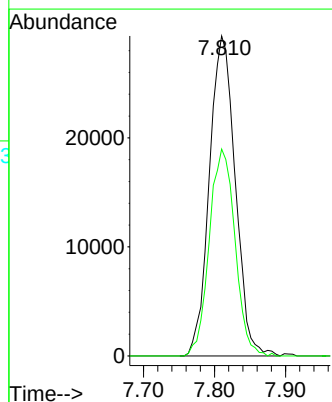
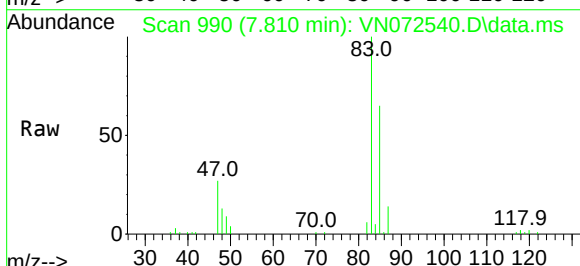
Acq: 18 May 2022 14:18

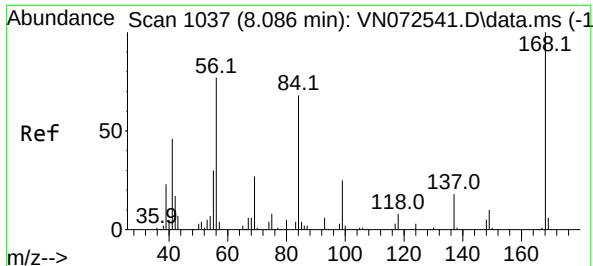
Tgt Ion: 83 Resp: 74387

Ion Ratio Lower Upper

83 100

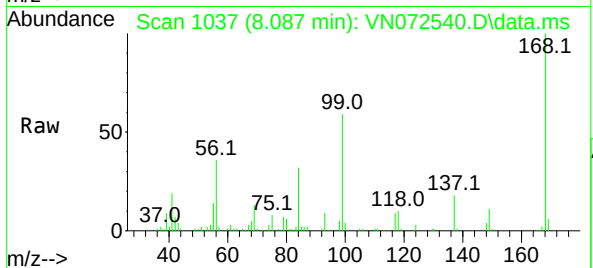
85 64.7 51.8 77.8



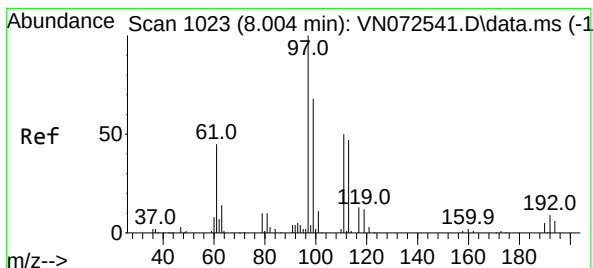
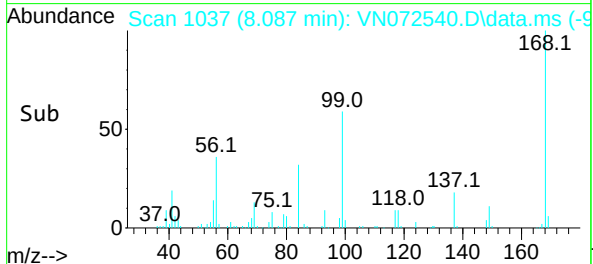
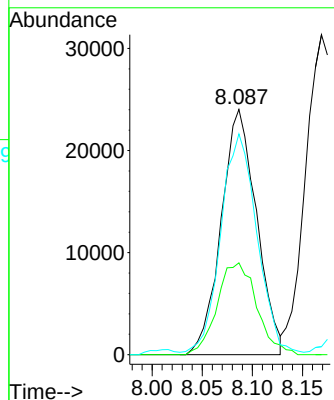


#31  
Cyclohexane  
Concen: 17.141 ug/l  
RT: 8.087 min Scan# 1037  
Delta R.T. 0.000 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

Instrument :  
MSVOA\_N  
ClientSampleId :

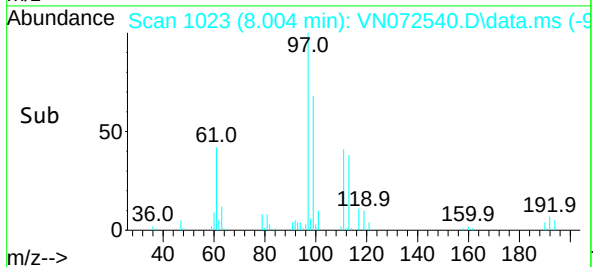
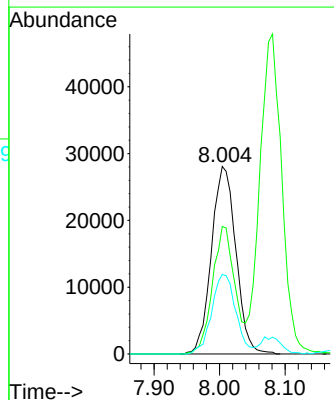
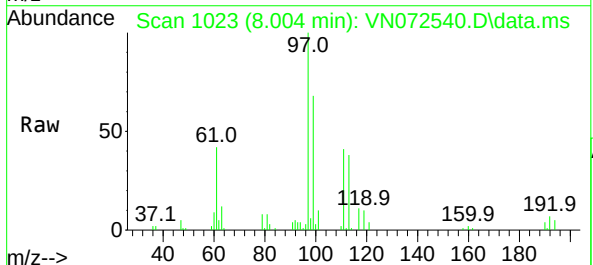


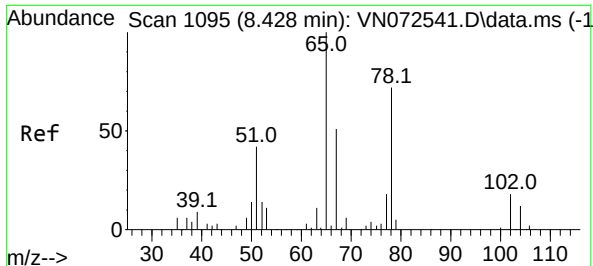
Tgt Ion: 56 Resp: 59014  
Ion Ratio Lower Upper  
56 100  
69 37.4 27.8 41.8  
84 89.1 76.9 115.3



#32  
1,1,1-Trichloroethane  
Concen: 20.842 ug/l  
RT: 8.004 min Scan# 1023  
Delta R.T. 0.000 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

Tgt Ion: 97 Resp: 72532  
Ion Ratio Lower Upper  
97 100  
99 62.7 50.6 76.0  
61 41.8 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 19.917 ug/l

RT: 8.428 min Scan# 1095

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA\_N

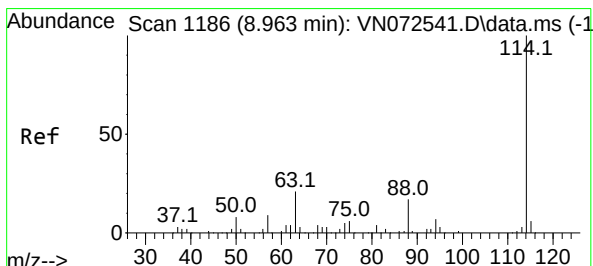
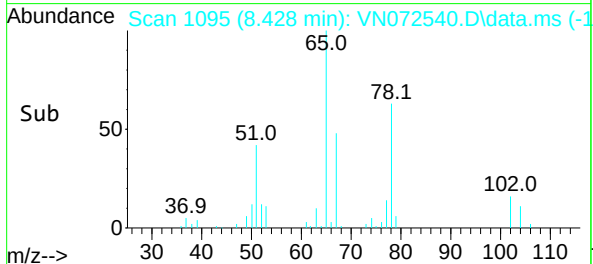
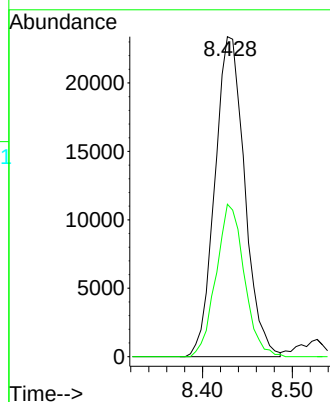
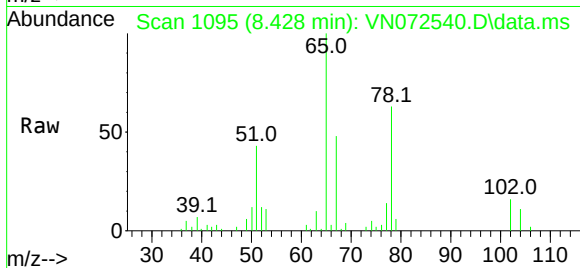
ClientSampleId :

Tgt Ion: 65 Resp: 53818

Ion Ratio Lower Upper

65 100

67 45.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

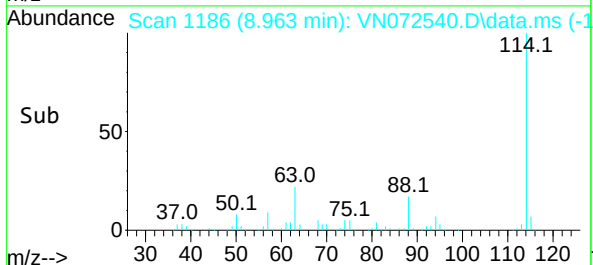
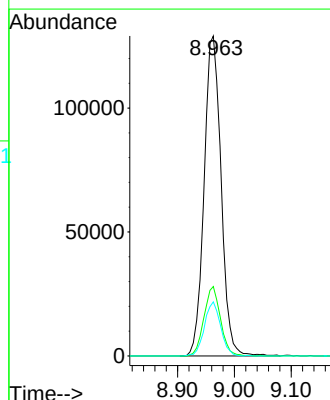
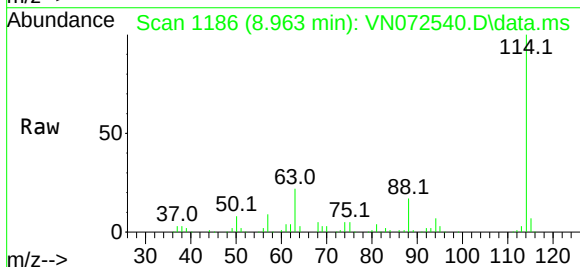
Tgt Ion: 114 Resp: 267423

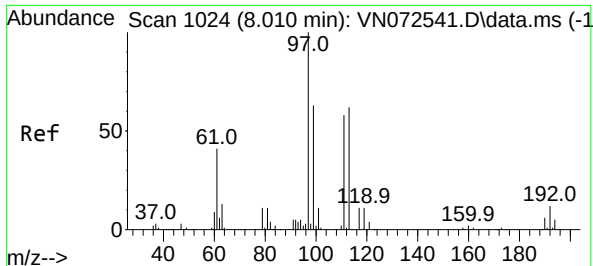
Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

88 16.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 19.615 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.006 min

Lab File: VN072540.D

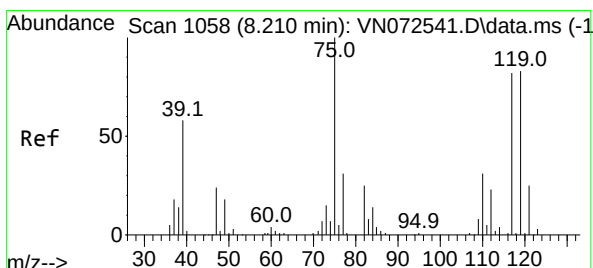
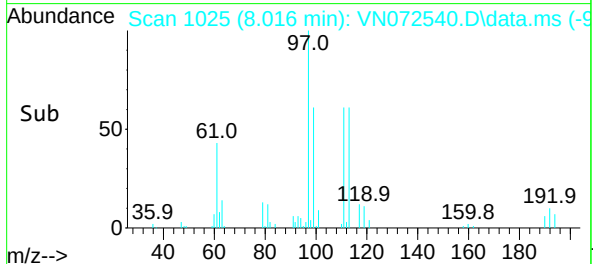
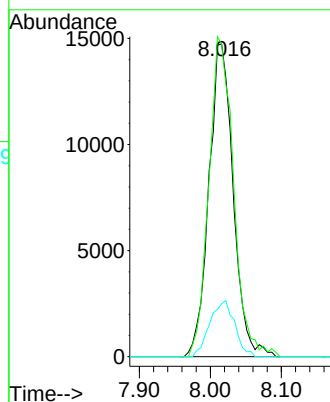
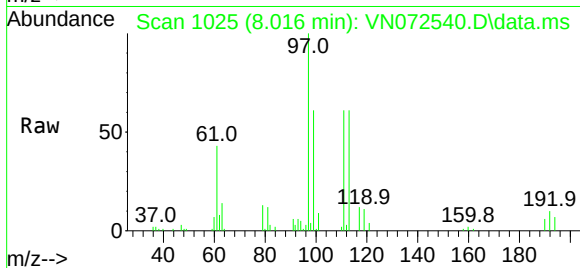
Acq: 18 May 2022 14:18

Instrument :

MSVOA\_N

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:113 | Resp: | 35062      |
| Ion Ratio   | Lower | Upper      |
| 113         | 100   |            |
| 111         | 103.8 | 81.4 122.0 |
| 192         | 18.3  | 17.0 25.6  |



#36

1,1-Dichloropropene

Concen: 19.888 ug/l

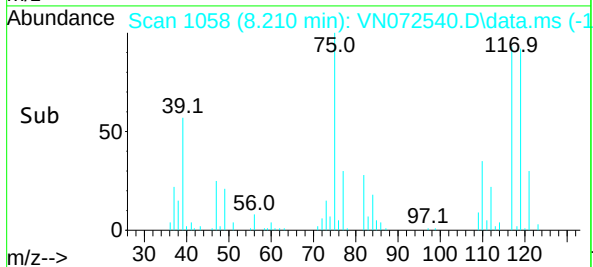
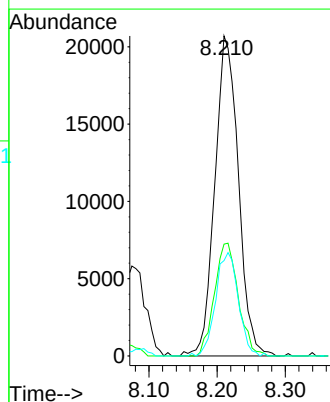
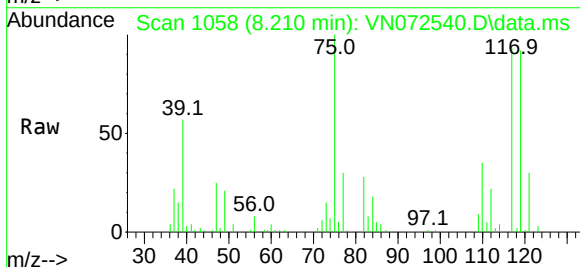
RT: 8.210 min Scan# 1058

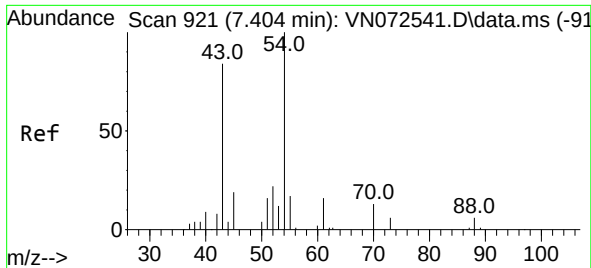
Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 75 | Resp: | 49802     |
| Ion Ratio   | Lower | Upper     |
| 75          | 100   |           |
| 110         | 35.7  | 18.3 54.8 |
| 77          | 31.1  | 25.1 37.7 |





#37

Ethyl Acetate

Concen: 18.429 ug/l

RT: 7.404 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN072540.D

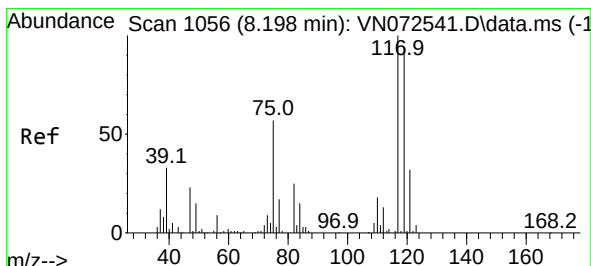
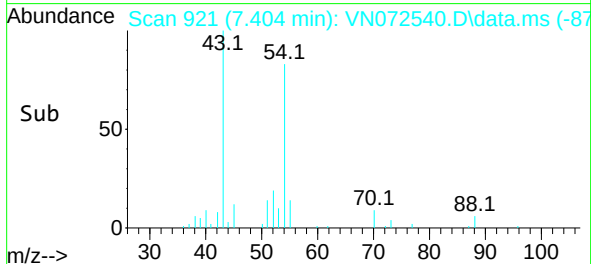
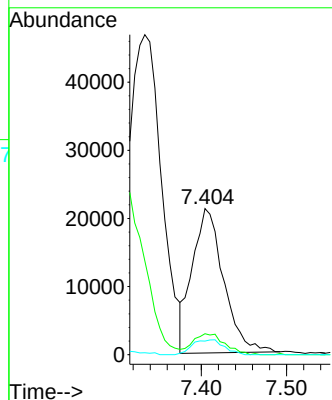
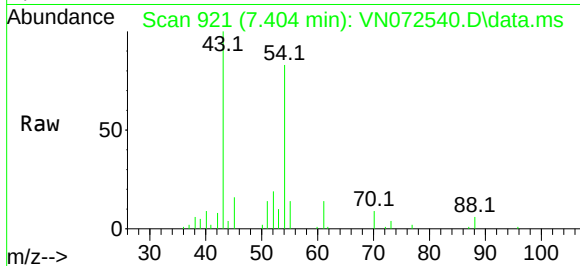
Acq: 18 May 2022 14:18

Instrument :

MSVOA\_N

ClientSampleId :

|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 54157    |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 14.9 11.8 17.6 |
| 70          | 10.4 9.3 13.9  |



#38

Carbon Tetrachloride

Concen: 22.335 ug/l

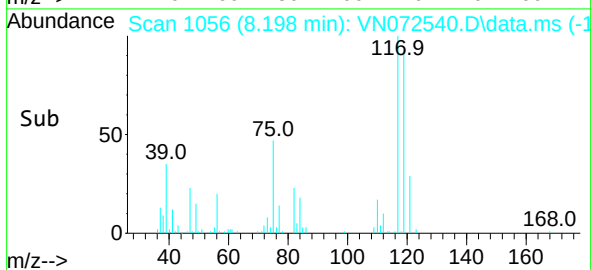
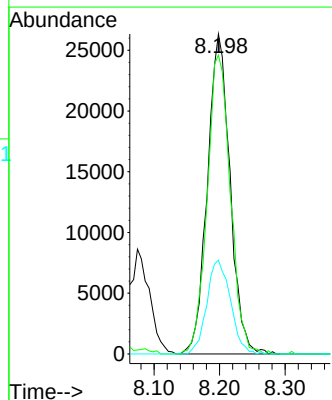
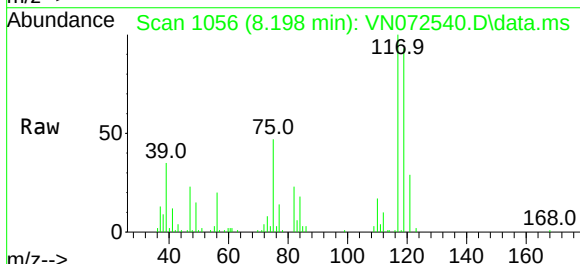
RT: 8.198 min Scan# 1056

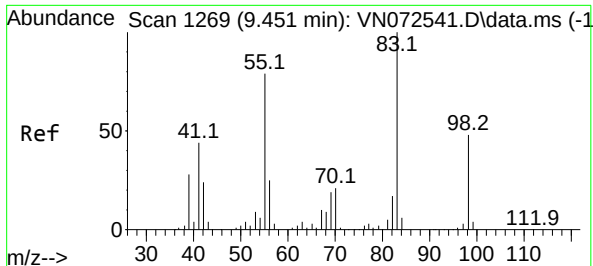
Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

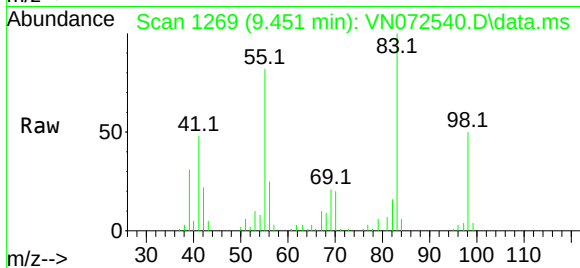
|              |                 |
|--------------|-----------------|
| Tgt Ion: 117 | Resp: 63159     |
| Ion Ratio    | Lower Upper     |
| 117          | 100             |
| 119          | 93.4 75.8 113.8 |
| 121          | 29.3 24.6 37.0  |



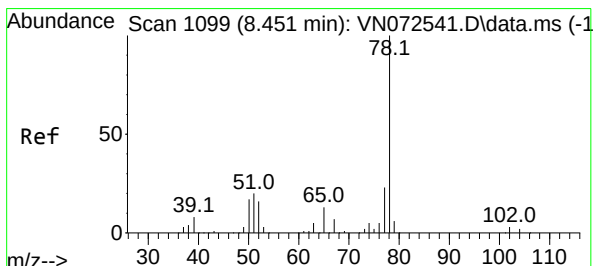
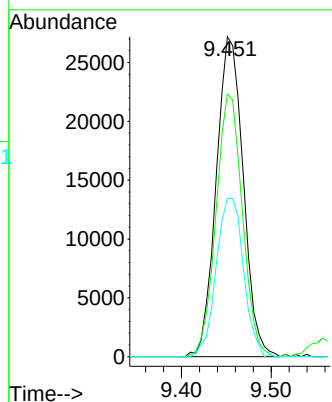
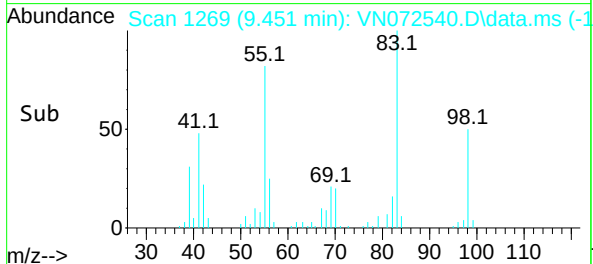


#39  
Methylcyclohexane  
Concen: 20.318 ug/l  
RT: 9.451 min Scan# 1269  
Delta R.T. 0.000 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

Instrument :  
MSVOA\_N  
ClientSampleId :

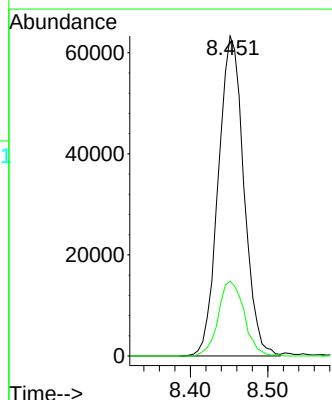
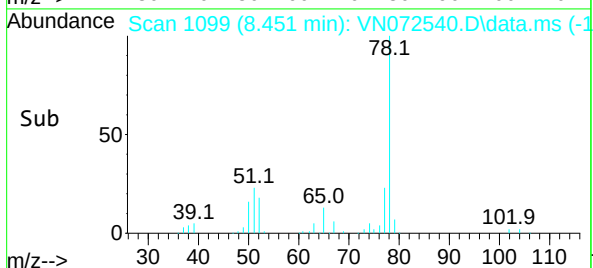
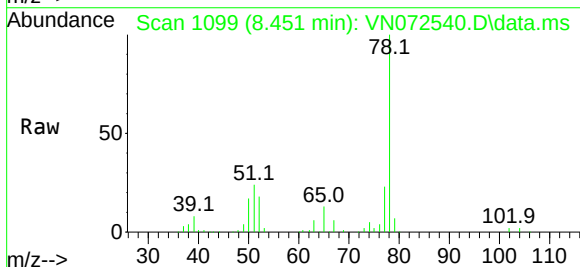


Tgt Ion: 83 Resp: 56812  
Ion Ratio Lower Upper  
83 100  
55 82.0 57.8 86.8  
98 49.5 39.4 59.2

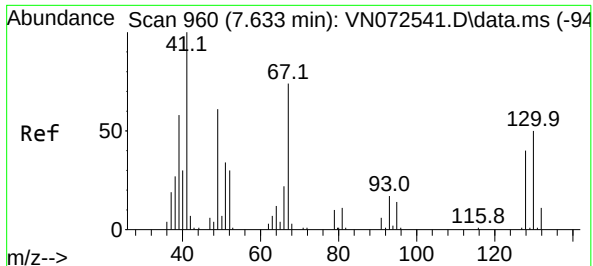


#40  
Benzene  
Concen: 19.443 ug/l  
RT: 8.451 min Scan# 1099  
Delta R.T. 0.000 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

Tgt Ion: 78 Resp: 145288  
Ion Ratio Lower Upper  
78 100  
77 23.3 19.4 29.0

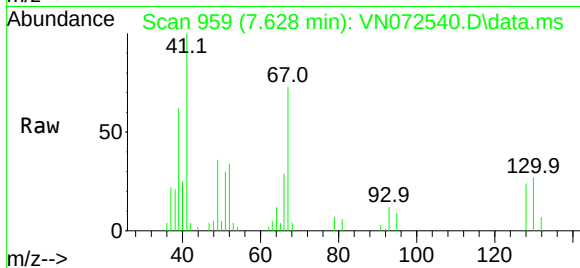




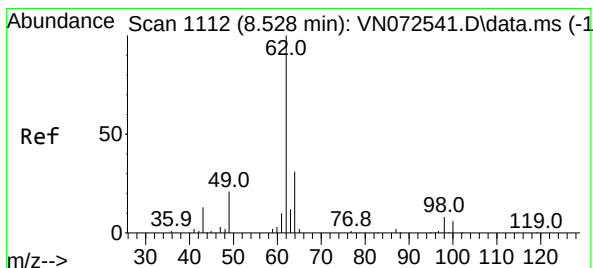
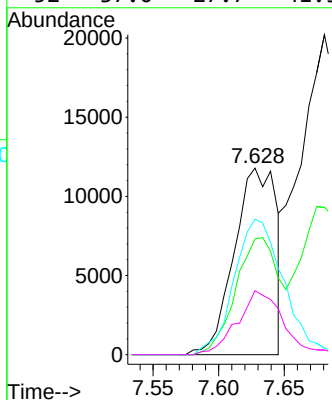
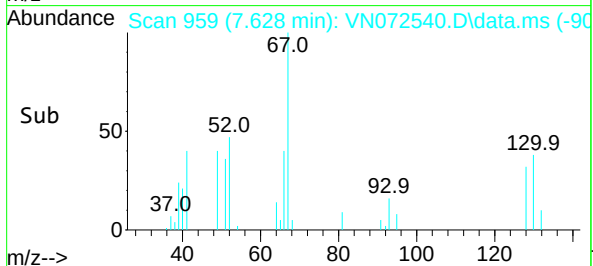


#41  
Methacrylonitrile  
Concen: 17.709 ug/l  
RT: 7.628 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

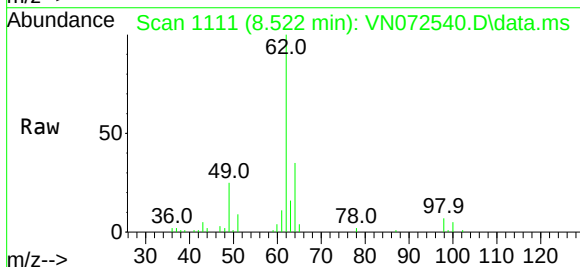
Instrument :  
MSVOA\_N  
ClientSampleId :



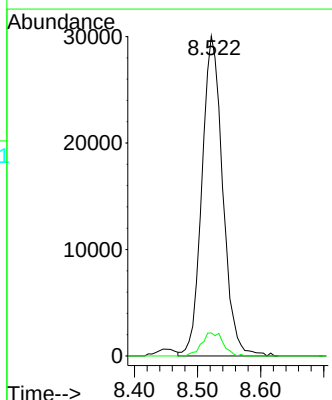
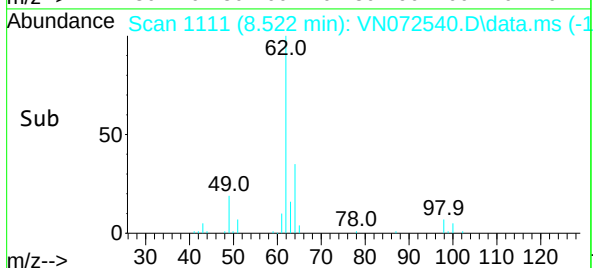
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 26296 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 65.0  | 48.6  | 73.0  |
| 67       | 84.9  | 73.4  | 110.2 |
| 52       | 37.0  | 27.7  | 41.5  |

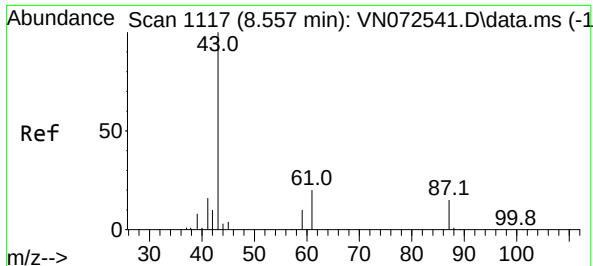


#42  
1,2-Dichloroethane  
Concen: 22.580 ug/l  
RT: 8.522 min Scan# 1111  
Delta R.T. -0.006 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 68800 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 7.5   | 0.0   | 19.4  |

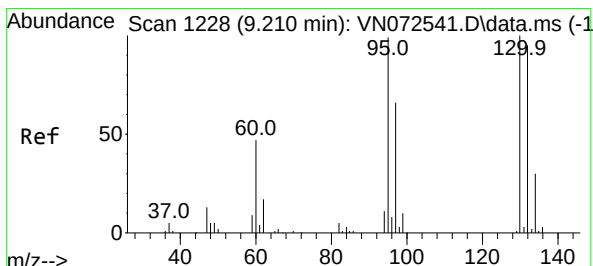
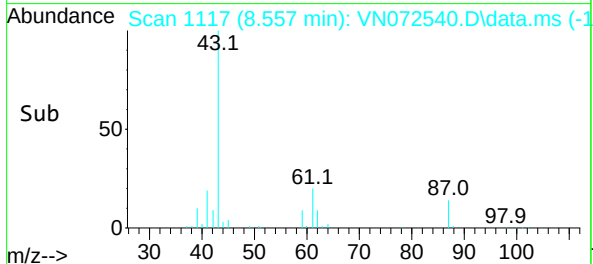
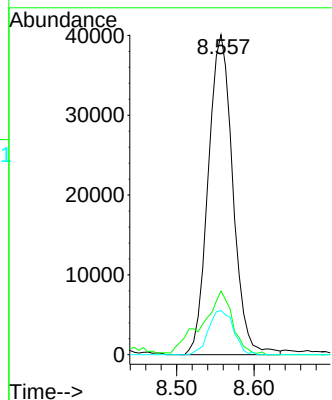
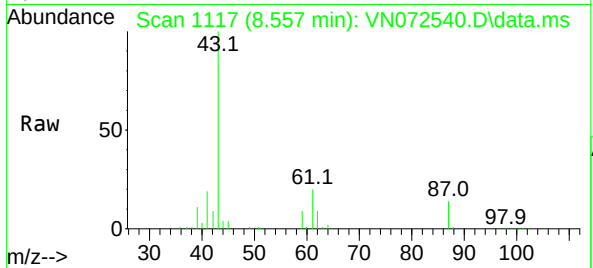




#43  
Isopropyl Acetate  
Concen: 19.193 ug/l  
RT: 8.557 min Scan# 1117  
Delta R.T. 0.000 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

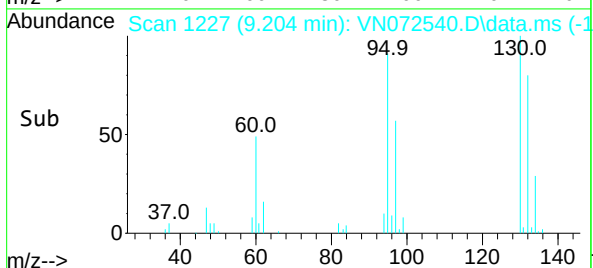
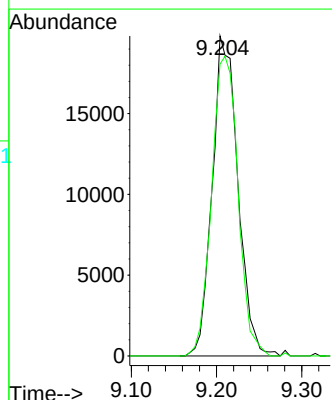
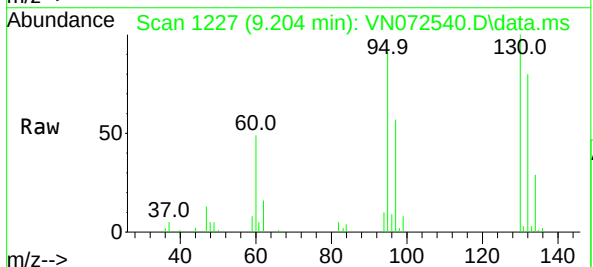
Instrument :  
MSVOA\_N  
ClientSampleId :

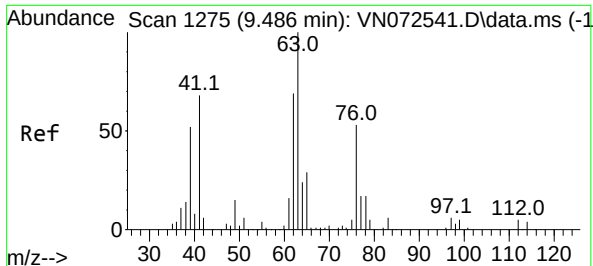
Tgt Ion: 43 Resp: 88307  
Ion Ratio Lower Upper  
43 100  
61 25.1 21.9 32.9  
87 14.0 12.0 18.0



#44  
Trichloroethene  
Concen: 21.744 ug/l  
RT: 9.204 min Scan# 1227  
Delta R.T. -0.006 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

Tgt Ion:130 Resp: 41368  
Ion Ratio Lower Upper  
130 100  
95 91.2 0.0 186.8





#45

1,2-Dichloropropane

Concen: 19.701 ug/l

RT: 9.486 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA\_N

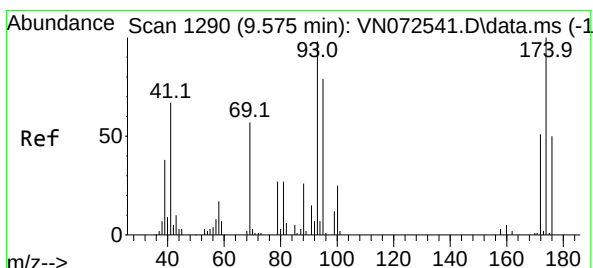
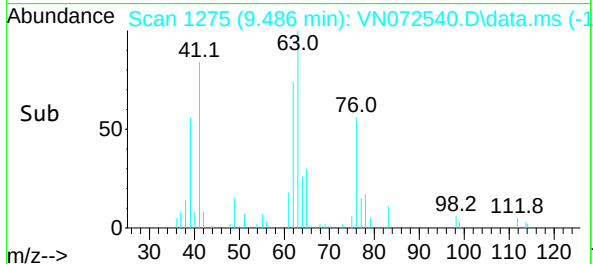
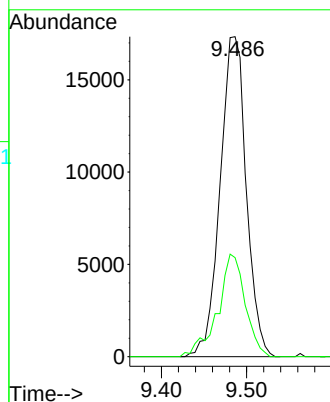
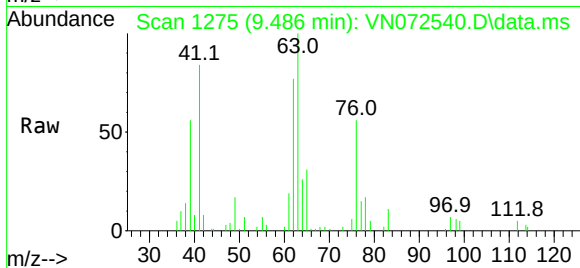
ClientSampleId :

Tgt Ion: 63 Resp: 36979

Ion Ratio Lower Upper

63 100

65 30.9 24.9 37.3



#46

Dibromomethane

Concen: 19.945 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.006 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

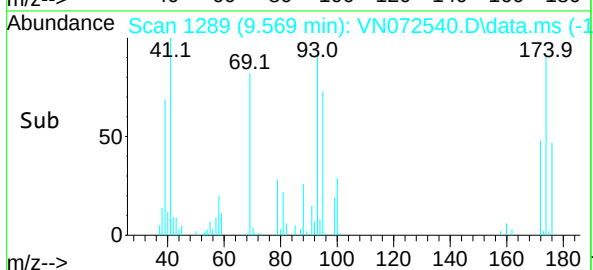
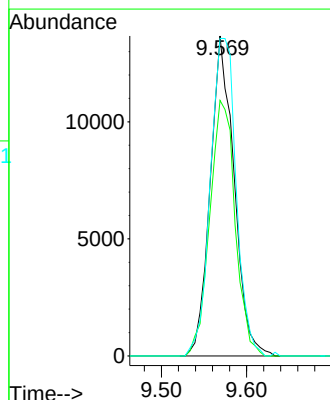
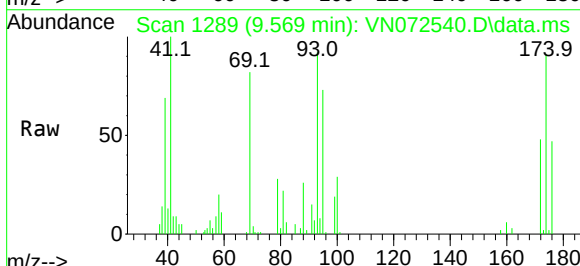
Tgt Ion: 93 Resp: 26537

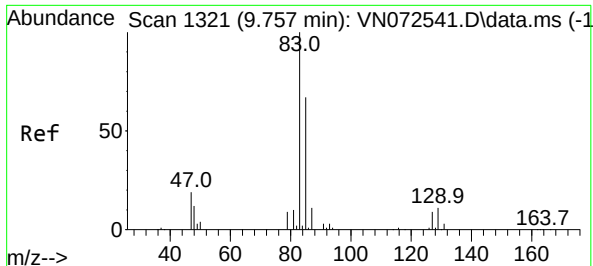
Ion Ratio Lower Upper

93 100

95 84.9 66.9 100.3

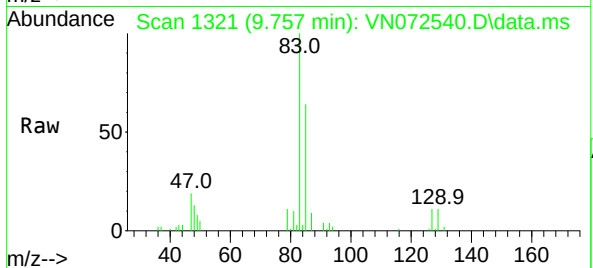
174 106.9 86.6 130.0



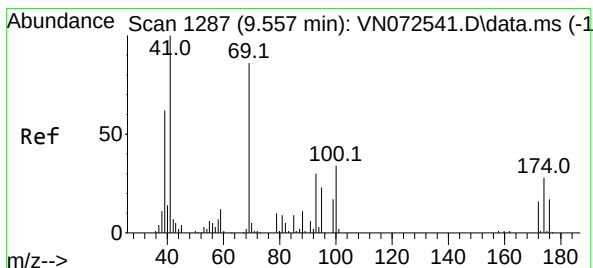
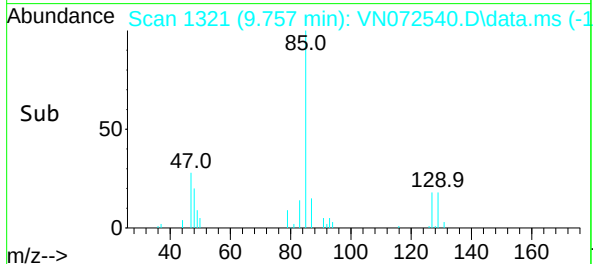
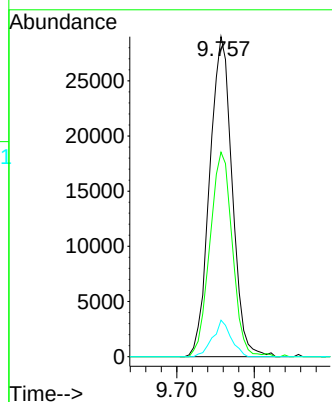


#47  
Bromodichloromethane  
Concen: 21.372 ug/l  
RT: 9.757 min Scan# 1321  
Delta R.T. 0.000 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

Instrument :  
MSVOA\_N  
ClientSampleId :

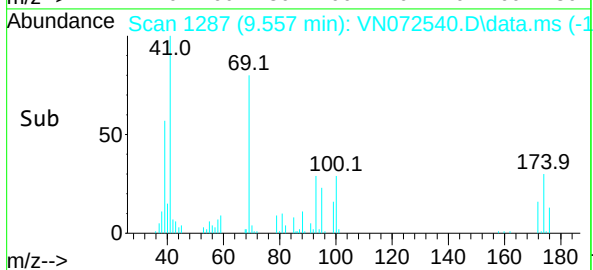
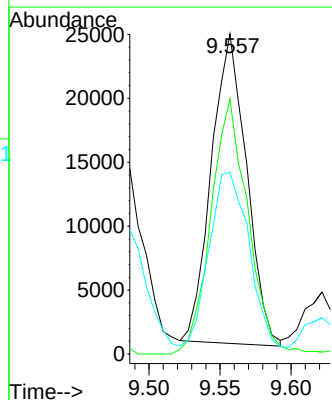
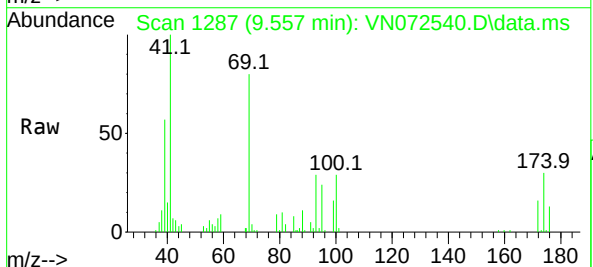


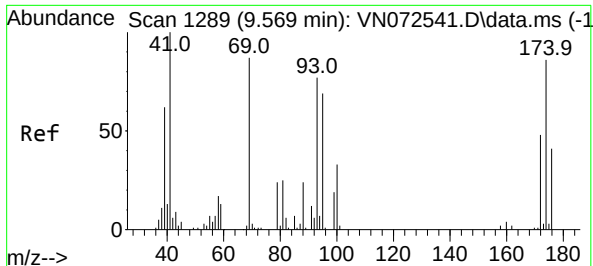
Tgt Ion: 83 Resp: 58444  
Ion Ratio Lower Upper  
83 100  
85 63.9 50.5 75.7  
127 11.4 6.8 10.2#



#48  
Methyl methacrylate  
Concen: 19.614 ug/l  
RT: 9.557 min Scan# 1287  
Delta R.T. 0.000 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

Tgt Ion: 41 Resp: 41703  
Ion Ratio Lower Upper  
41 100  
69 86.9 74.7 112.1  
39 69.0 45.6 68.4#





#49

1,4-Dioxane

Concen: 240.416 ug/l

RT: 9.569 min Scan# 11

Delta R.T. 0.000 min

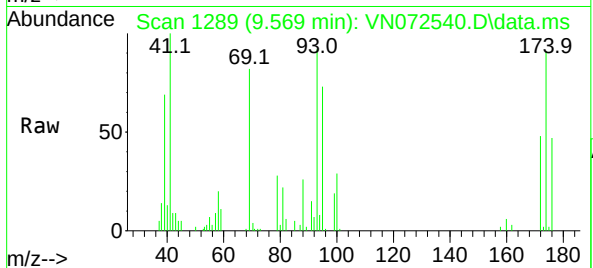
Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA\_N

ClientSampleId :



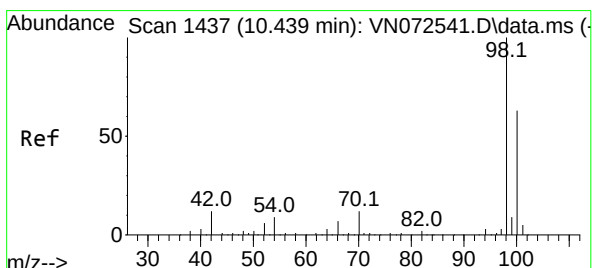
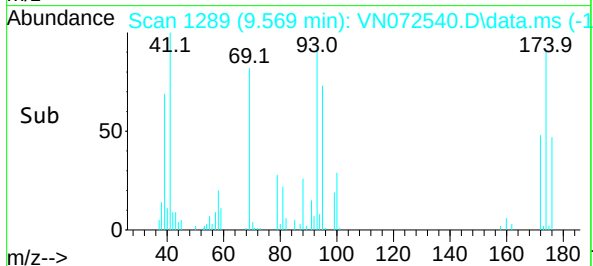
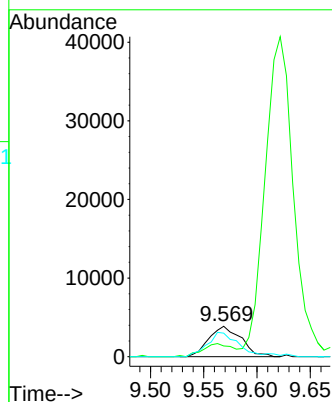
Tgt Ion: 88 Resp: 8147

Ion Ratio Lower Upper

88 100

43 39.0 20.2 30.4#

58 81.0 54.2 81.4



#50

Toluene-d8

Concen: 19.888 ug/l

RT: 10.433 min Scan# 1436

Delta R.T. -0.006 min

Lab File: VN072540.D

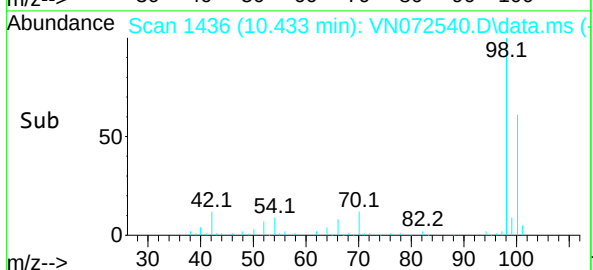
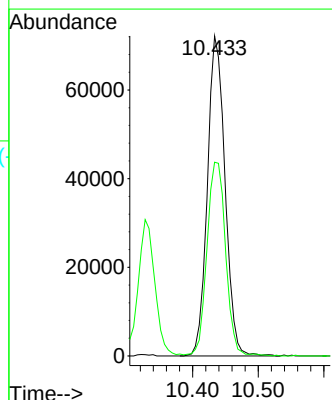
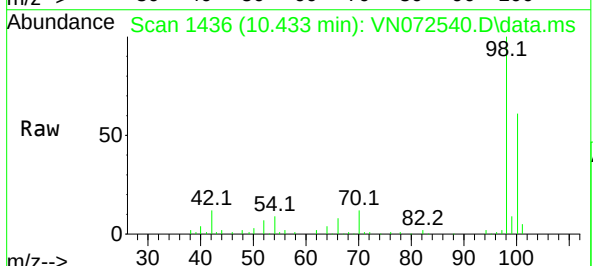
Acq: 18 May 2022 14:18

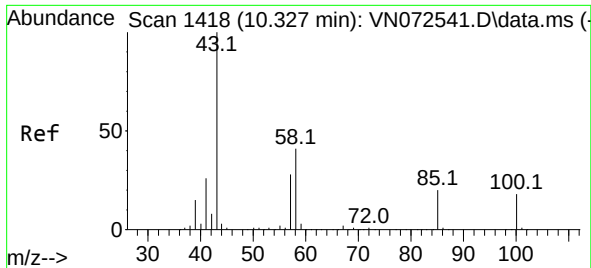
Tgt Ion: 98 Resp: 135064

Ion Ratio Lower Upper

98 100

100 64.2 52.6 78.8

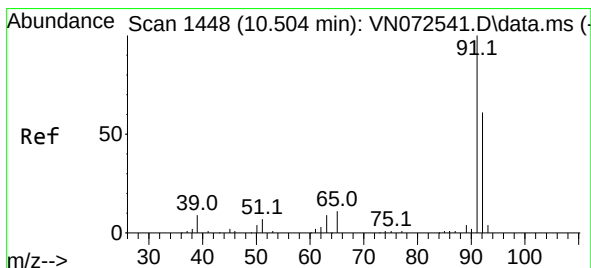
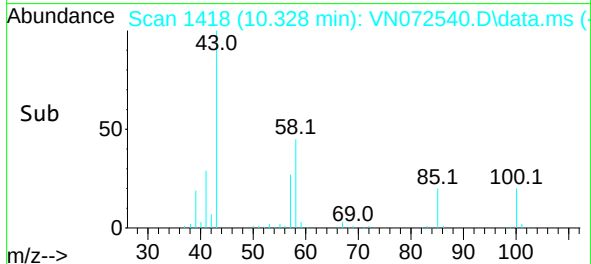
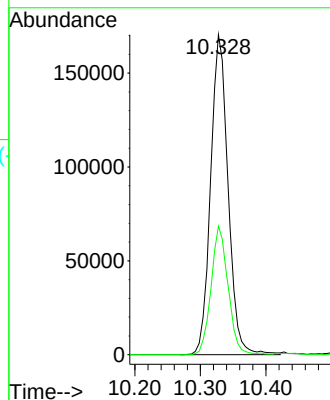
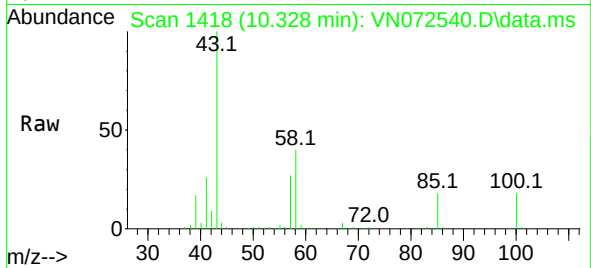




#51  
4-Methyl-2-Pentanone  
Concen: 109.293 ug/l  
RT: 10.328 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

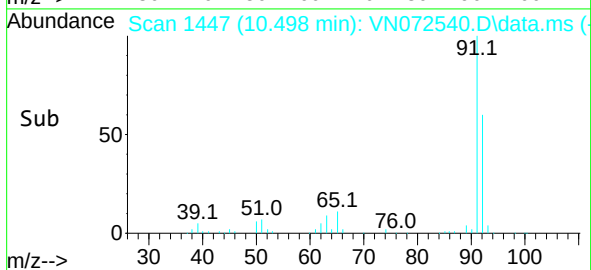
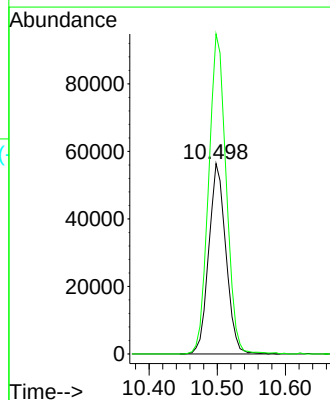
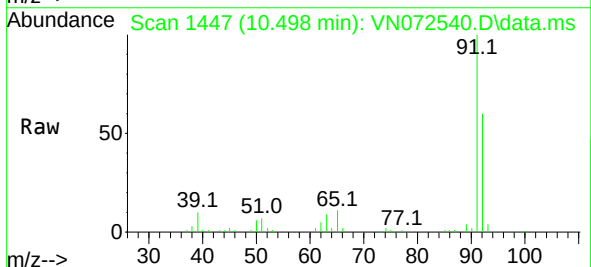
Instrument :  
MSVOA\_N  
ClientSampleId :

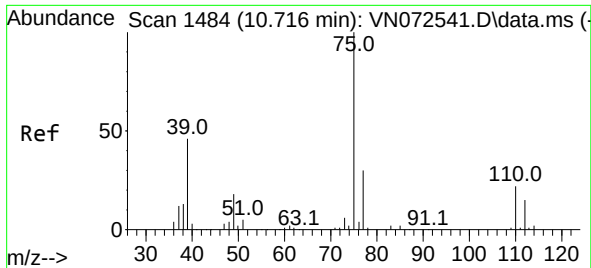
Tgt Ion: 43 Resp: 315121  
Ion Ratio Lower Upper  
43 100  
58 39.1 34.1 51.1



#52  
Toluene  
Concen: 21.178 ug/l  
RT: 10.498 min Scan# 1447  
Delta R.T. -0.006 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

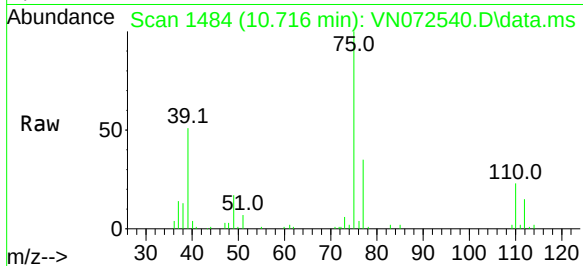
Tgt Ion: 92 Resp: 98747  
Ion Ratio Lower Upper  
92 100  
91 172.3 138.6 207.8



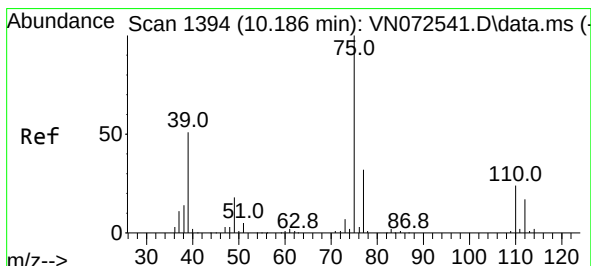
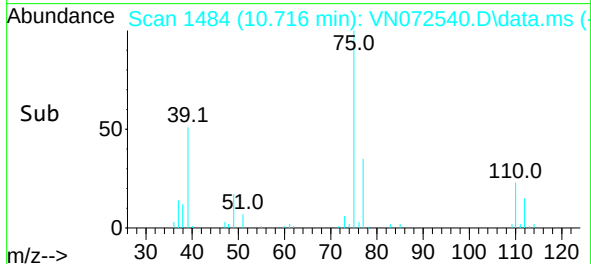
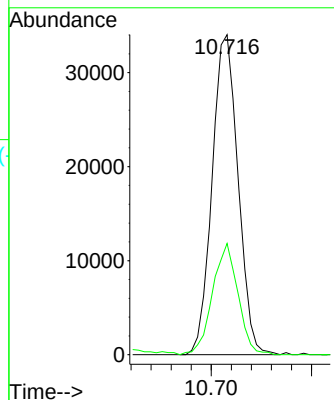


#53  
 t-1,3-Dichloropropene  
 Concen: 21.790 ug/l  
 RT: 10.716 min Scan# 1484  
 Delta R.T. 0.000 min  
 Lab File: VN072540.D  
 Acq: 18 May 2022 14:18

Instrument :  
 MSVOA\_N  
 ClientSampleId :

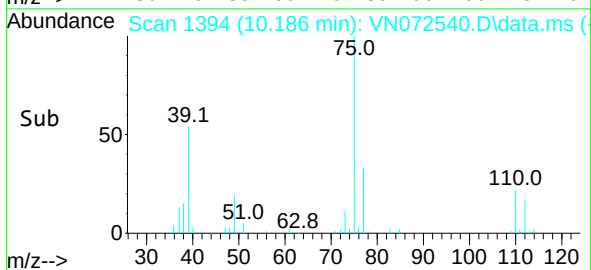
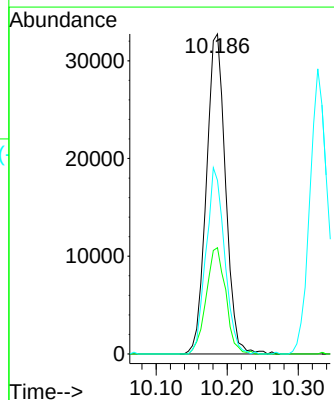
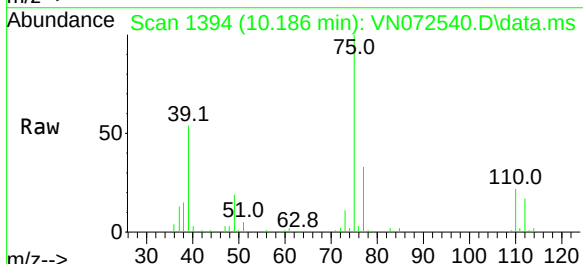


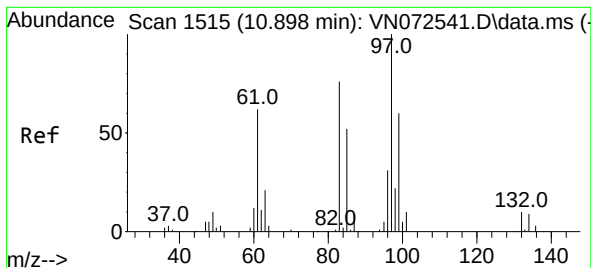
Tgt Ion: 75 Resp: 61125  
 Ion Ratio Lower Upper  
 75 100  
 77 34.8 25.6 38.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.758 ug/l  
 RT: 10.186 min Scan# 1394  
 Delta R.T. 0.000 min  
 Lab File: VN072540.D  
 Acq: 18 May 2022 14:18

Tgt Ion: 75 Resp: 61415  
 Ion Ratio Lower Upper  
 75 100  
 77 33.2 25.2 37.8  
 39 54.2 35.7 53.5#





#55

1,1,2-Trichloroethane

Concen: 20.852 ug/l

RT: 10.898 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA\_N

ClientSampleId :

Tgt Ion: 97 Resp: 40963

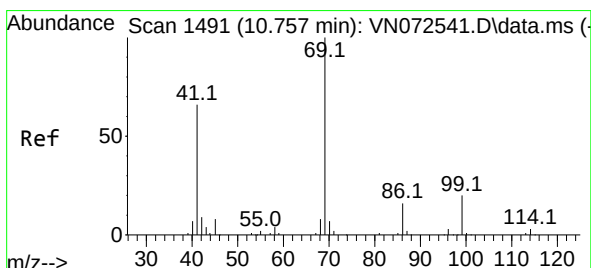
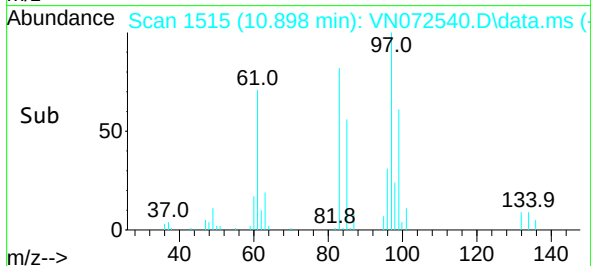
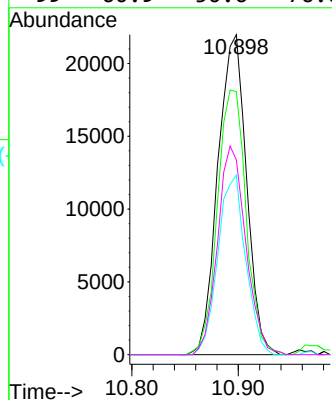
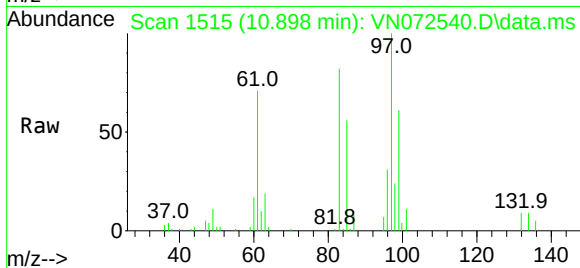
Ion Ratio Lower Upper

97 100

83 82.2 66.2 99.4

85 56.1 43.9 65.9

99 60.9 50.6 76.0



#56

Ethyl methacrylate

Concen: 23.971 ug/l

RT: 10.757 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

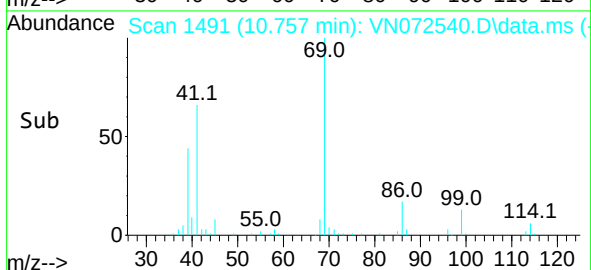
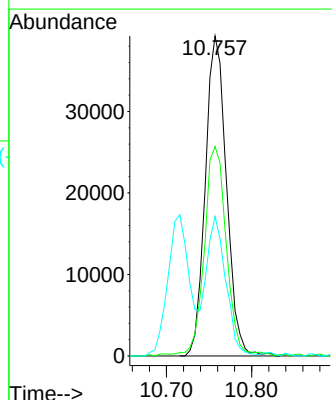
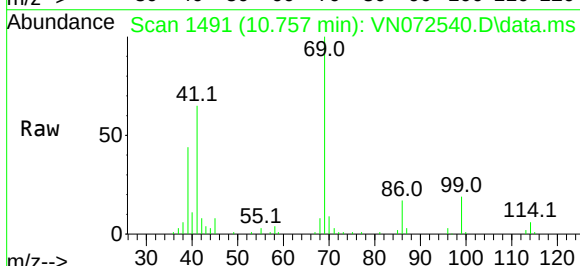
Tgt Ion: 69 Resp: 67530

Ion Ratio Lower Upper

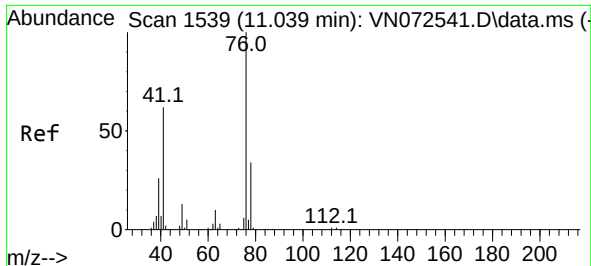
69 100

41 68.9 47.8 71.6

39 38.5 27.3 40.9







#57

1,3-Dichloropropane

Concen: 20.951 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA\_N

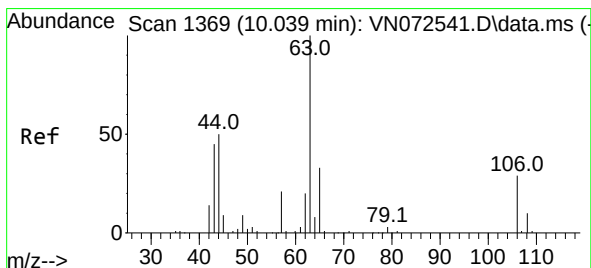
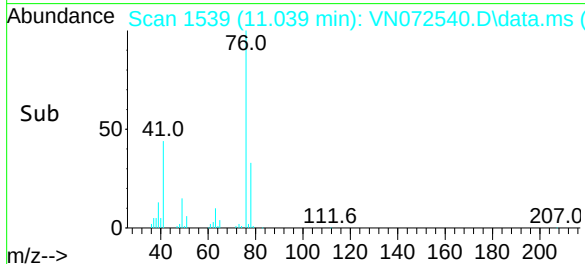
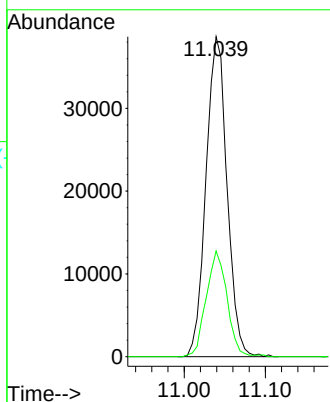
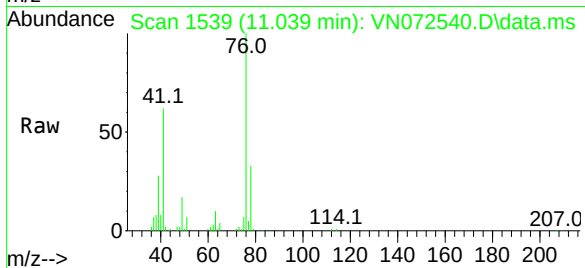
ClientSampleId :

Tgt Ion: 76 Resp: 69536

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 115.980 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VN072540.D

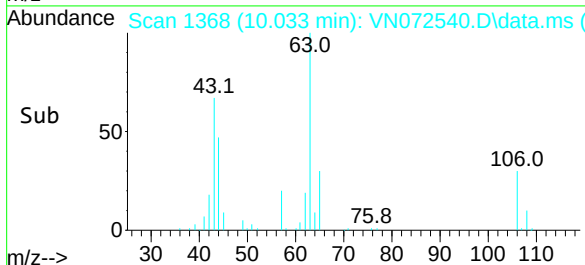
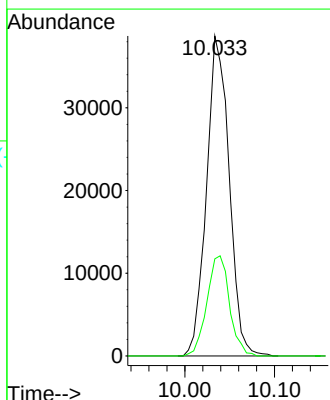
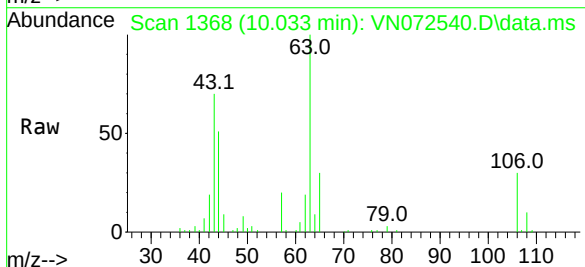
Acq: 18 May 2022 14:18

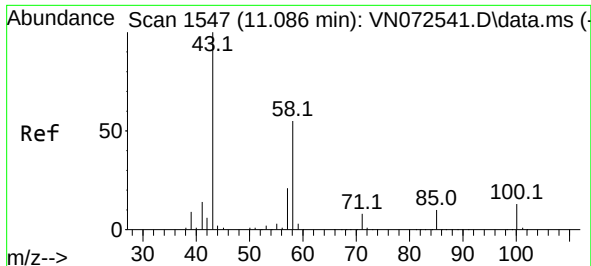
Tgt Ion: 63 Resp: 67805

Ion Ratio Lower Upper

63 100

106 31.3 24.6 36.8

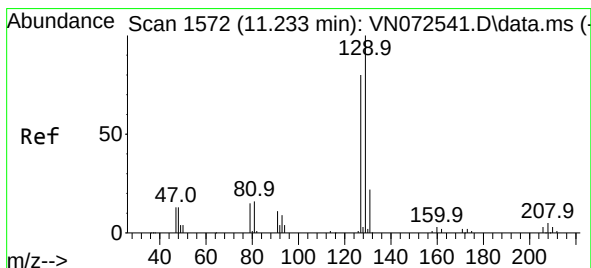
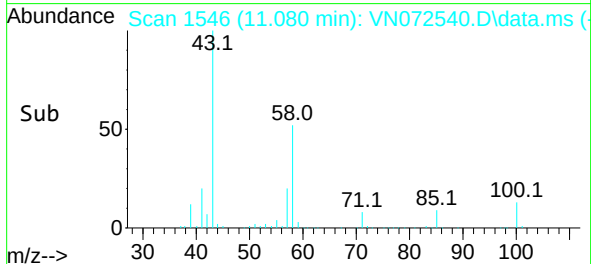
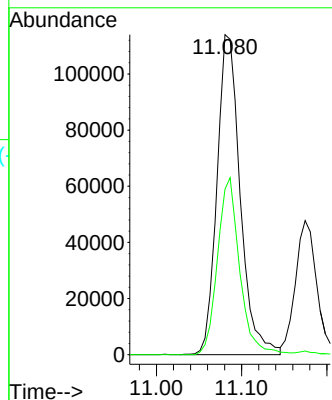
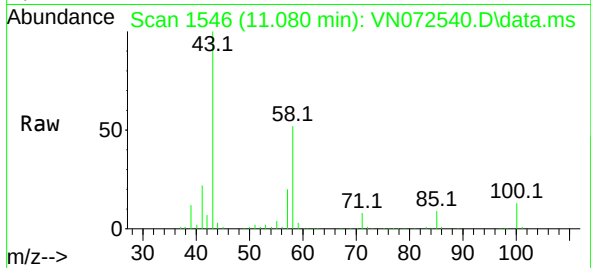




#59  
2-Hexanone  
Concen: 107.360 ug/l  
RT: 11.080 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

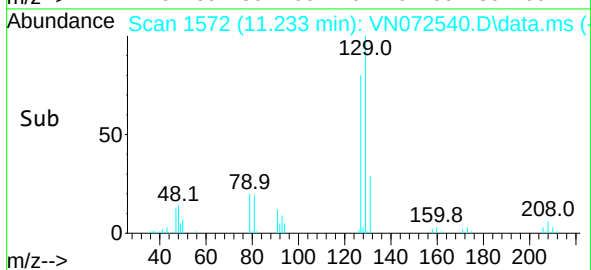
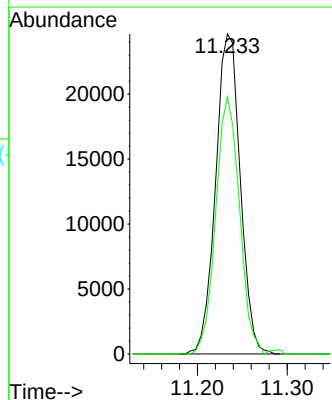
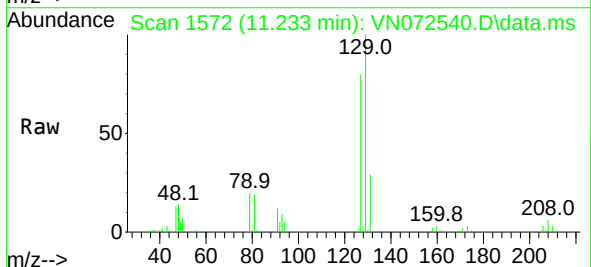
Instrument :  
MSVOA\_N  
ClientSampleId :

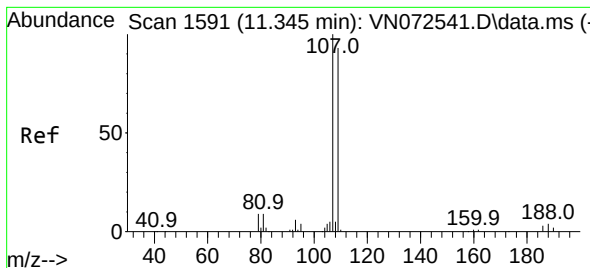
Tgt Ion: 43 Resp: 216095  
Ion Ratio Lower Upper  
43 100  
58 52.6 29.7 89.1



#60  
Dibromochloromethane  
Concen: 22.411 ug/l  
RT: 11.233 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

Tgt Ion:129 Resp: 46976  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.8 116.4





#61

1,2-Dibromoethane

Concen: 22.951 ug/l

RT: 11.339 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA\_N

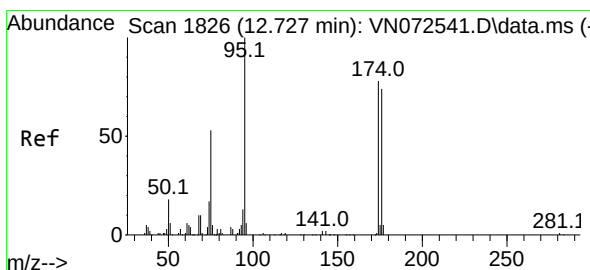
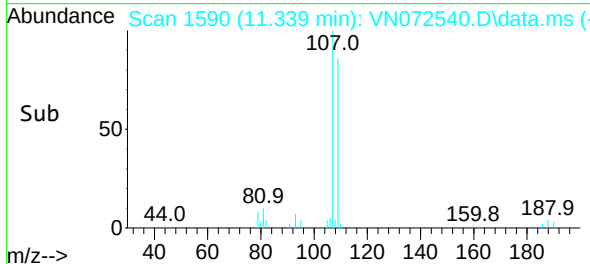
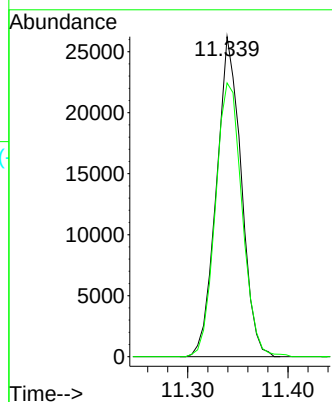
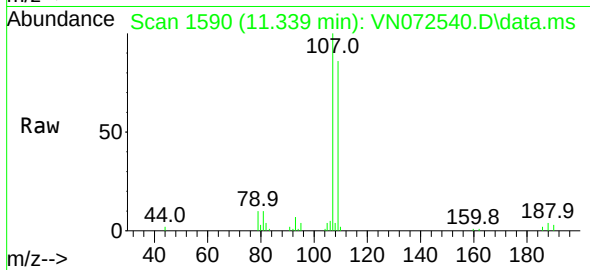
ClientSampleId :

Tgt Ion:107 Resp: 45003

Ion Ratio Lower Upper

107 100

109 92.3 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 22.322 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

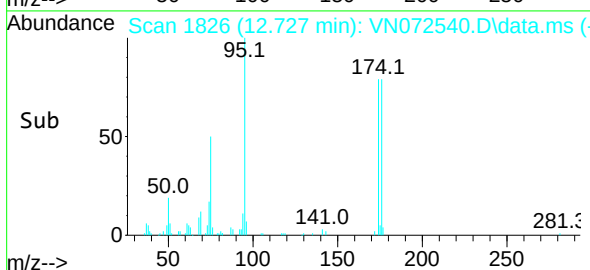
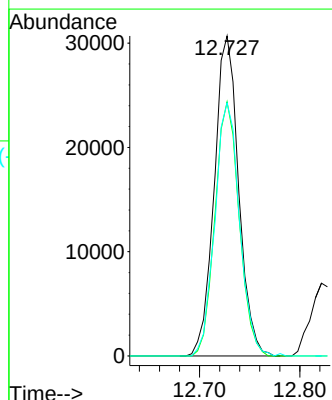
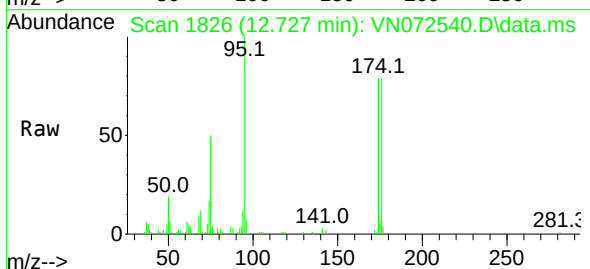
Tgt Ion: 95 Resp: 51681

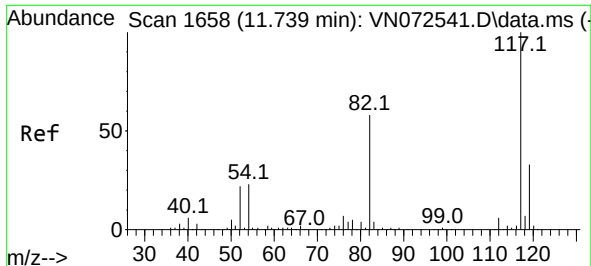
Ion Ratio Lower Upper

95 100

174 78.9 0.0 167.6

176 80.2 0.0 163.4

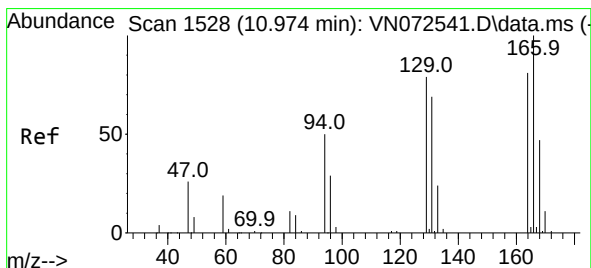
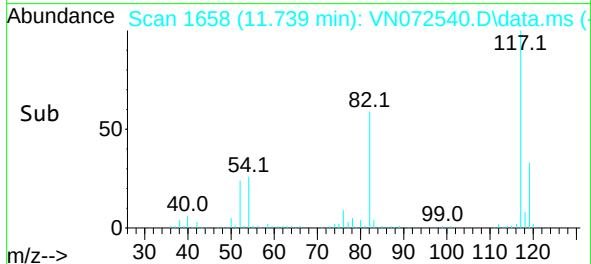
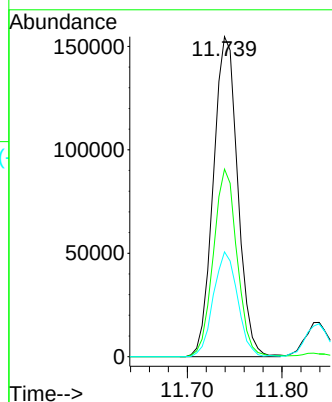
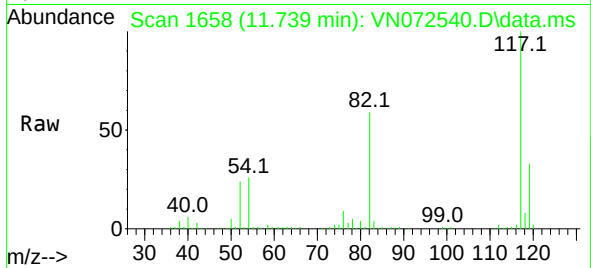




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

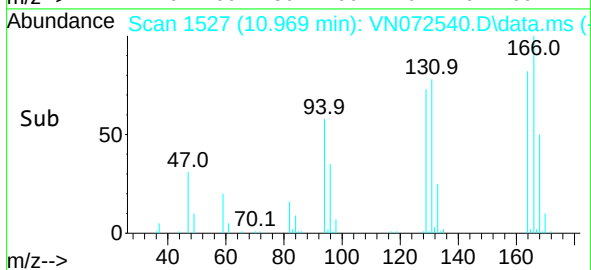
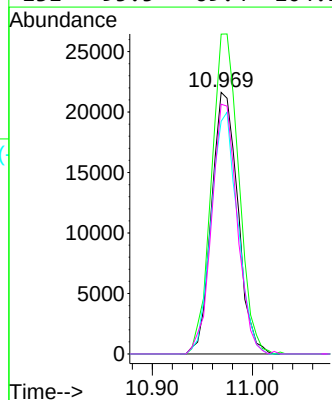
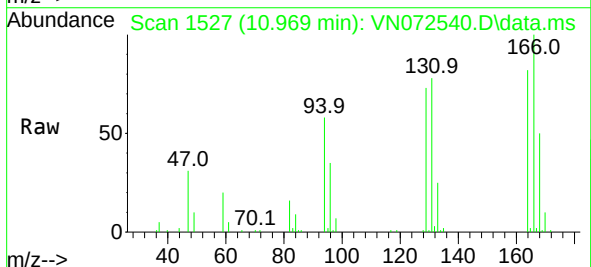
Instrument :  
MSVOA\_N  
ClientSampleId :

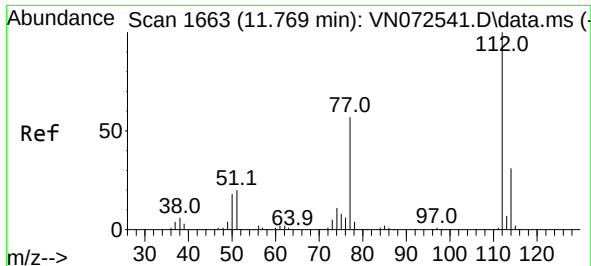
Tgt Ion:117 Resp: 276606  
Ion Ratio Lower Upper  
117 100  
82 58.6 44.2 66.2  
119 32.8 25.4 38.0



#64  
Tetrachloroethene  
Concen: 20.049 ug/l  
RT: 10.969 min Scan# 1527  
Delta R.T. -0.006 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

Tgt Ion:164 Resp: 39373  
Ion Ratio Lower Upper  
164 100  
166 122.3 104.2 156.2  
129 88.9 73.9 110.9  
131 95.5 69.4 104.2

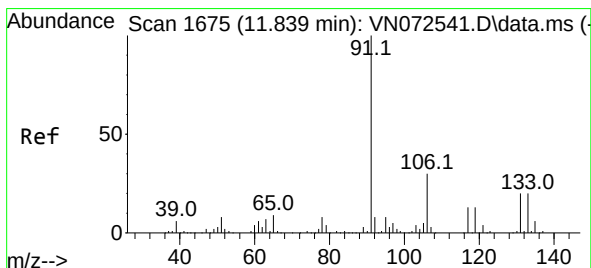
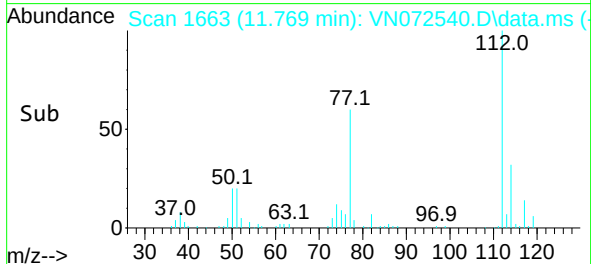
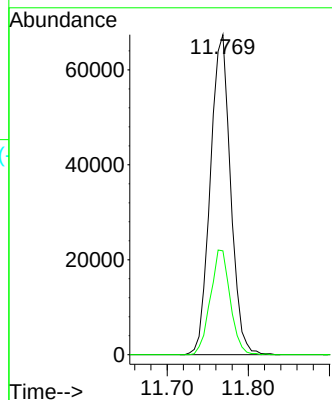
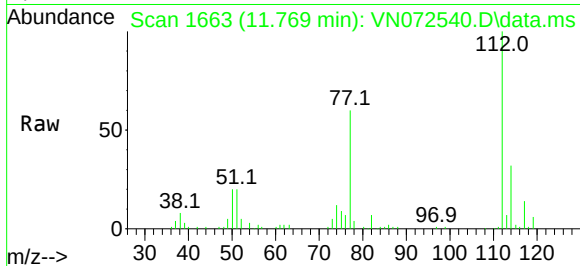




#65  
Chlorobenzene  
Concen: 20.782 ug/l  
RT: 11.769 min Scan# 1663  
Delta R.T. 0.000 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

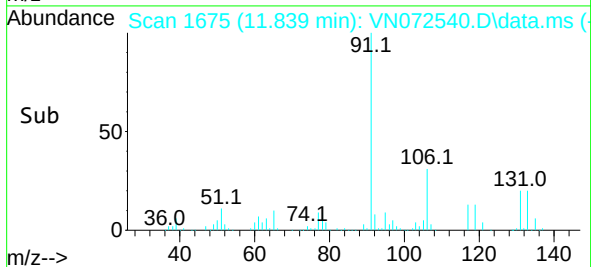
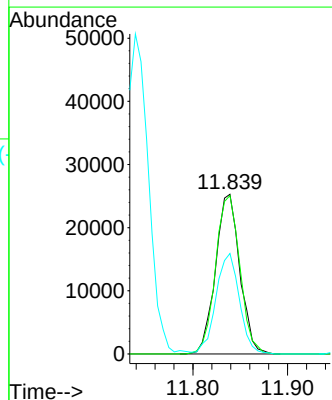
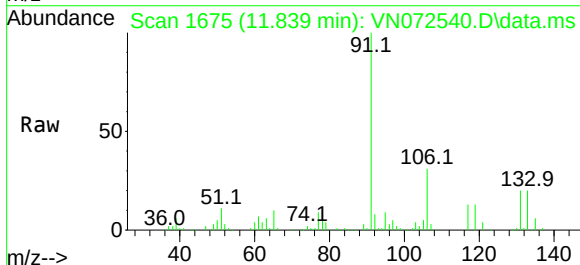
Instrument :  
MSVOA\_N  
ClientSampleId :

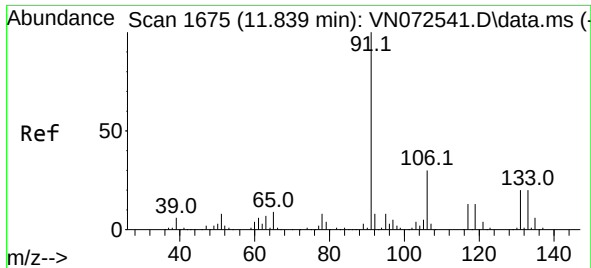
Tgt Ion:112 Resp: 116705  
Ion Ratio Lower Upper  
112 100  
114 32.4 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.064 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

Tgt Ion:131 Resp: 45151  
Ion Ratio Lower Upper  
131 100  
133 99.2 47.8 143.4  
119 60.9 33.4 100.2

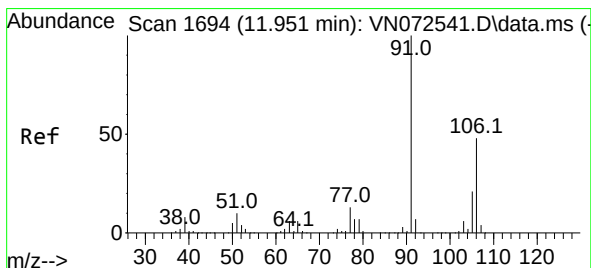
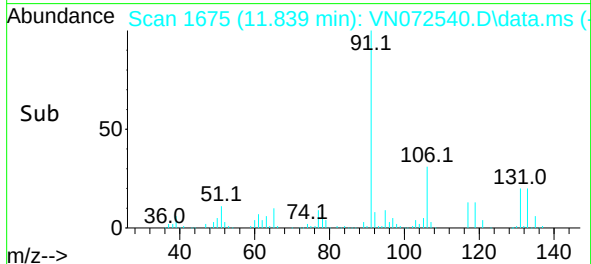
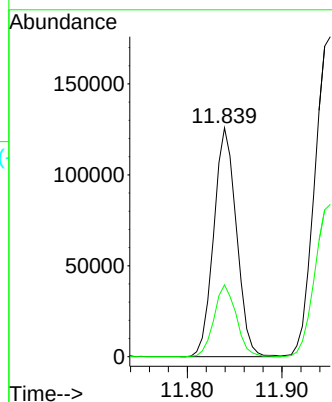
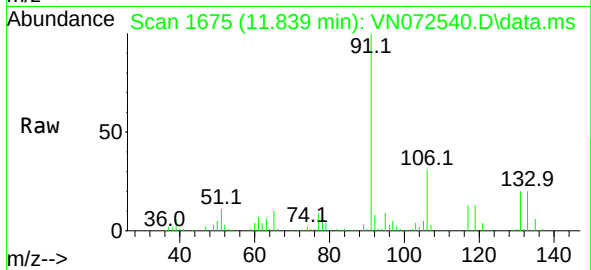




#67  
Ethyl Benzene  
Concen: 21.715 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

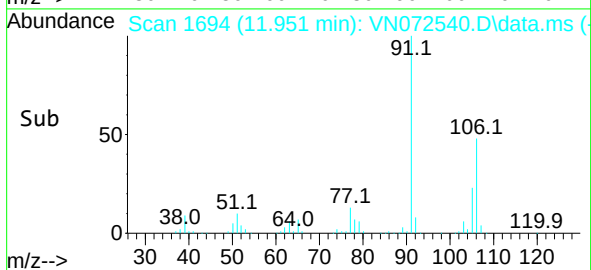
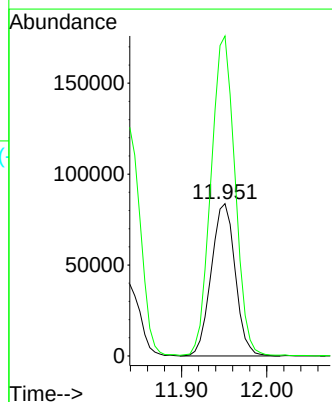
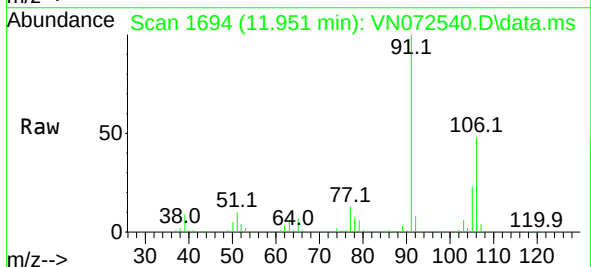
Instrument :  
MSVOA\_N  
ClientSampleId :

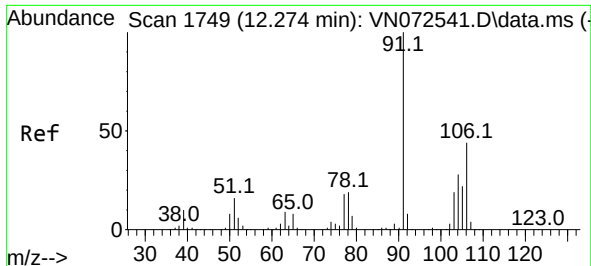
Tgt Ion: 91 Resp: 209865  
Ion Ratio Lower Upper  
91 100  
106 31.4 24.9 37.3



#68  
m/p-Xylenes  
Concen: 44.539 ug/l  
RT: 11.951 min Scan# 1694  
Delta R.T. 0.000 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

Tgt Ion: 106 Resp: 163805  
Ion Ratio Lower Upper  
106 100  
91 209.9 158.9 238.3

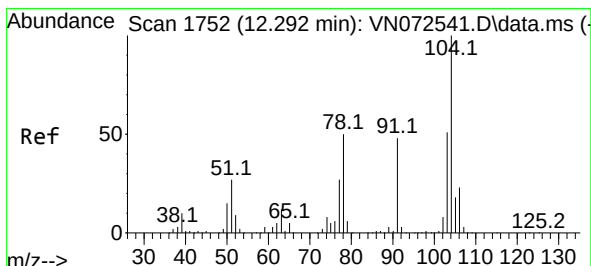
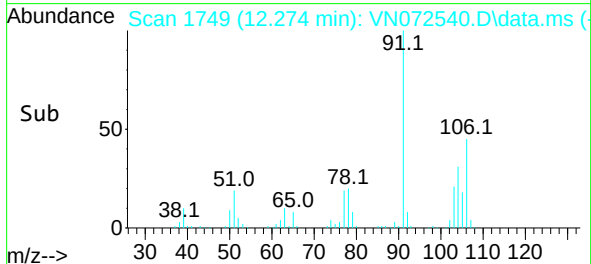
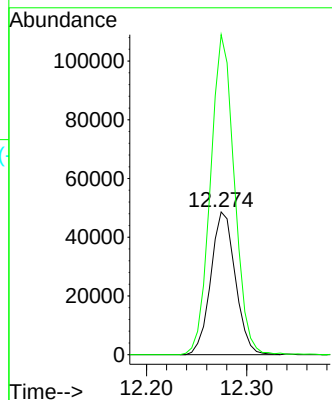
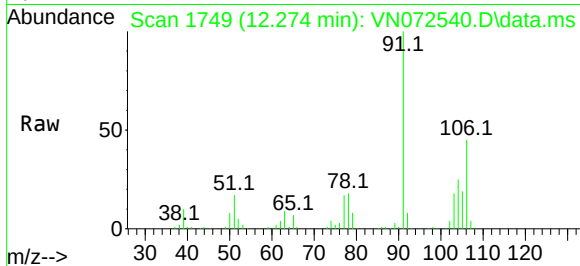




#69  
o-Xylene  
Concen: 22.851 ug/l  
RT: 12.274 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

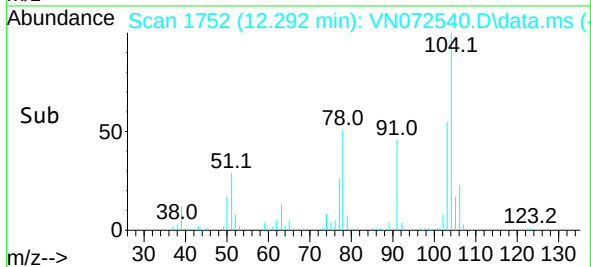
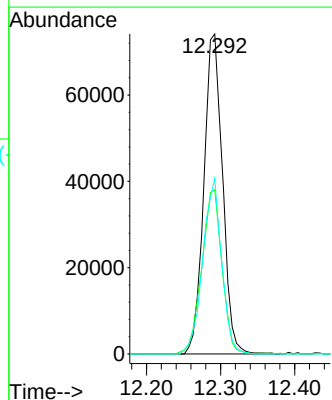
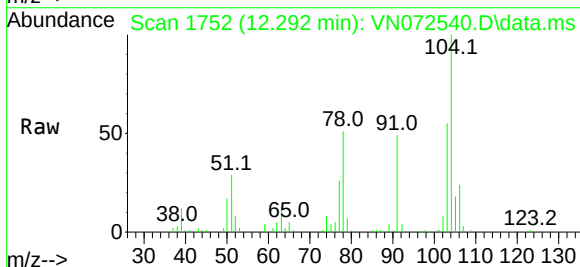
Instrument :  
MSVOA\_N  
ClientSampleId :

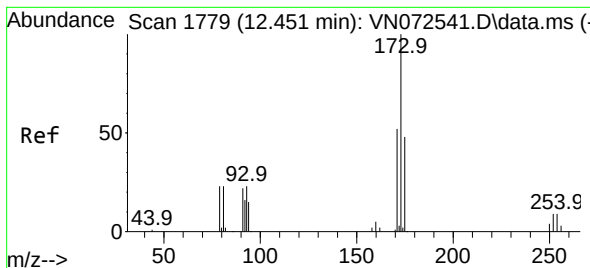
Tgt Ion:106 Resp: 82708  
Ion Ratio Lower Upper  
106 100  
91 218.6 106.0 318.0



#70  
Styrene  
Concen: 23.303 ug/l  
RT: 12.292 min Scan# 1752  
Delta R.T. 0.000 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

Tgt Ion:104 Resp: 129804  
Ion Ratio Lower Upper  
104 100  
78 55.5 39.5 59.3  
103 55.5 44.0 66.0





#71

Bromoform

Concen: 21.972 ug/l

RT: 12.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072540.D

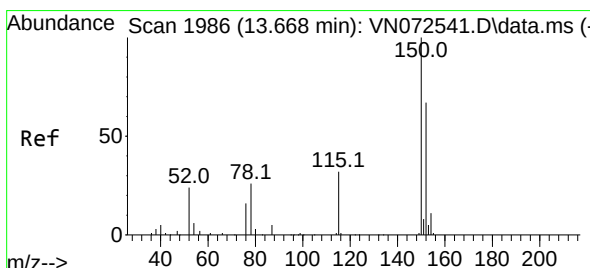
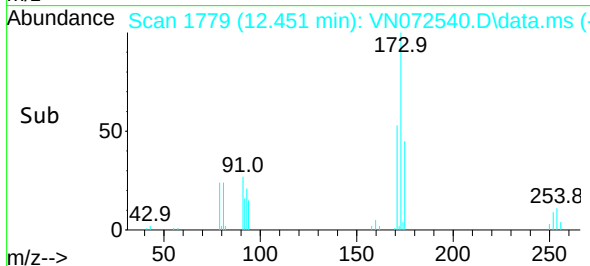
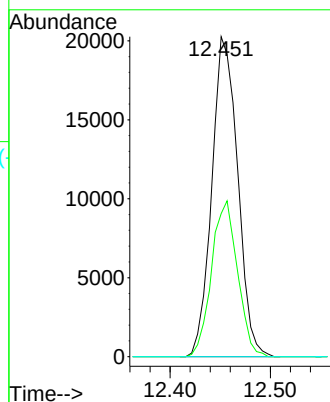
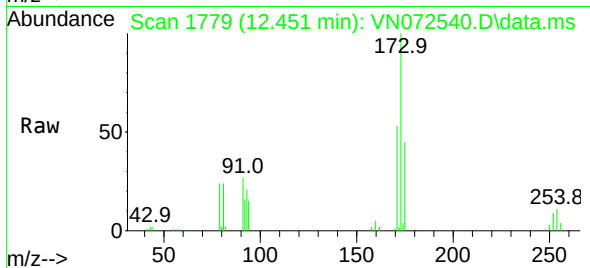
Acq: 18 May 2022 14:18

Instrument :

MSVOA\_N

ClientSampleId :

Tgt Ion:173 Resp: 36313  
 Ion Ratio Lower Upper  
 173 100  
 175 48.9 24.6 73.6  
 254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

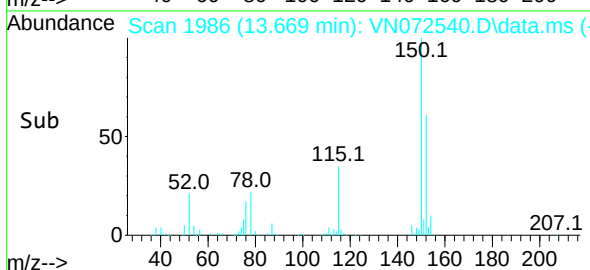
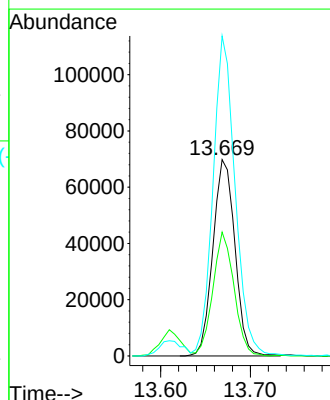
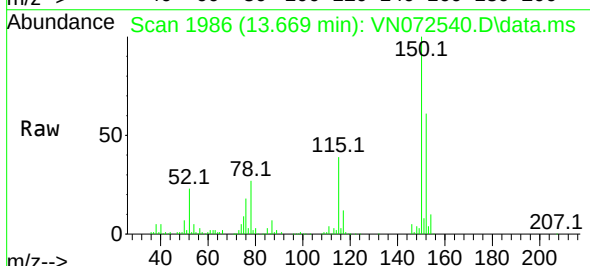
RT: 13.669 min Scan# 1986

Delta R.T. 0.000 min

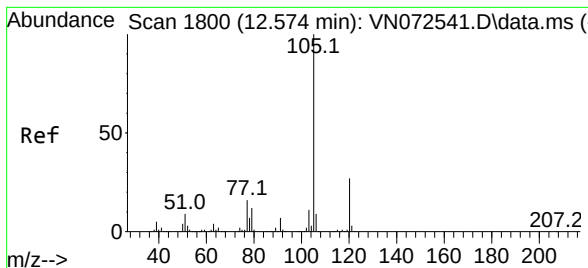
Lab File: VN072540.D

Acq: 18 May 2022 14:18

Tgt Ion:152 Resp: 118977  
 Ion Ratio Lower Upper  
 152 100  
 115 60.5 28.9 86.7  
 150 164.1 0.0 356.2







#73

Isopropylbenzene

Concen: 22.089 ug/l

RT: 12.574 min Scan# 1800

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA\_N

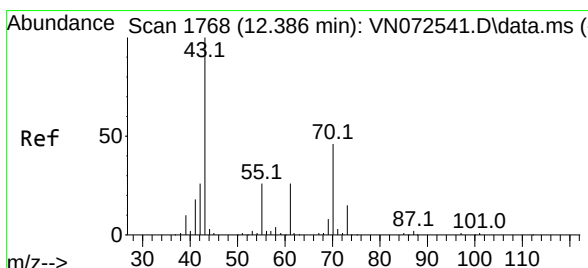
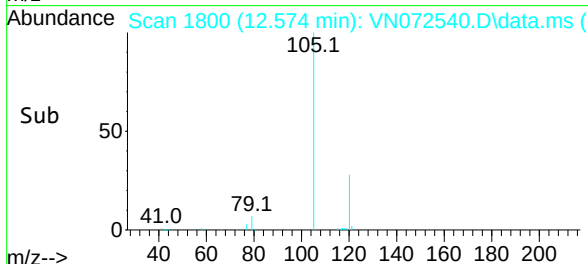
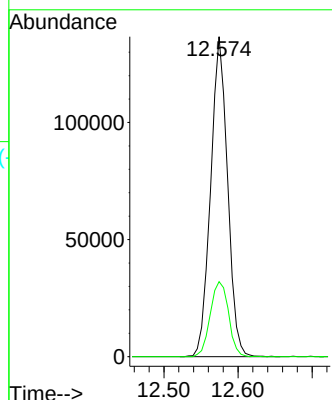
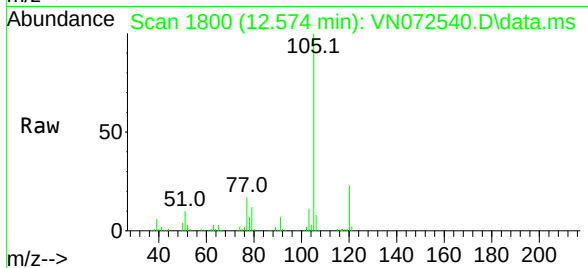
ClientSampleId :

Tgt Ion:105 Resp: 216502

Ion Ratio Lower Upper

105 100

120 25.4 13.5 40.4



#74

N-ethyl acetate

Concen: 18.327 ug/l

RT: 12.386 min Scan# 1768

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Tgt Ion: 43 Resp: 62443

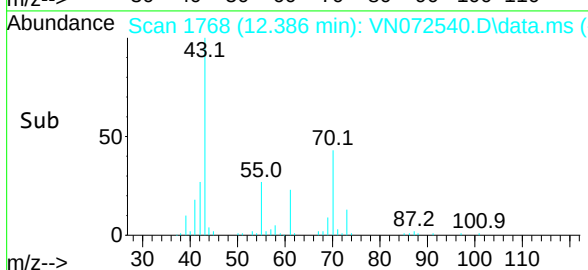
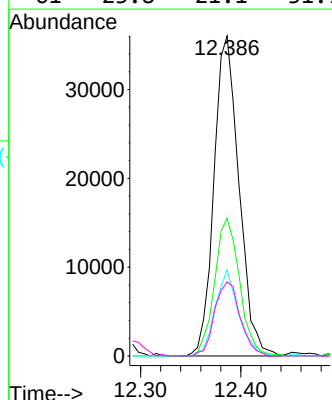
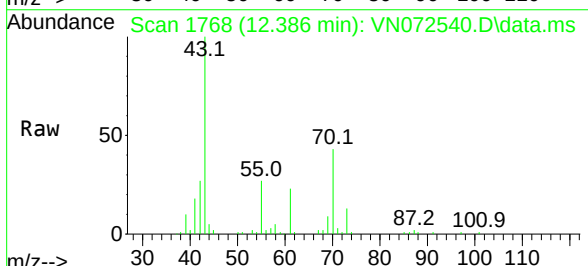
Ion Ratio Lower Upper

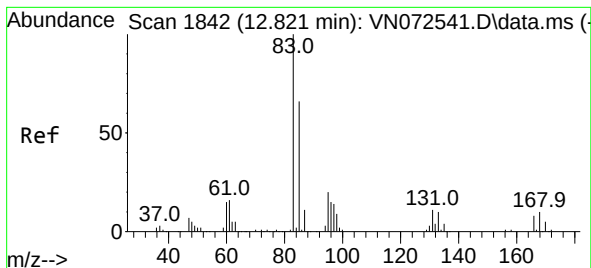
43 100

70 43.1 39.0 58.4

55 25.0 21.1 31.7

61 23.8 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 17.067 ug/l

RT: 12.822 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA\_N

ClientSampleId :

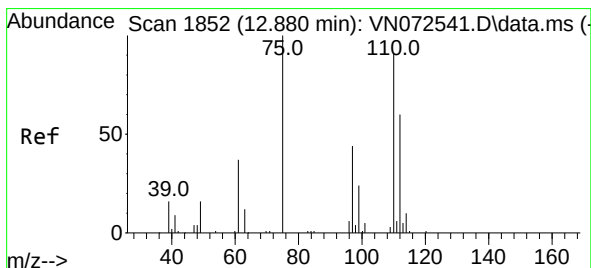
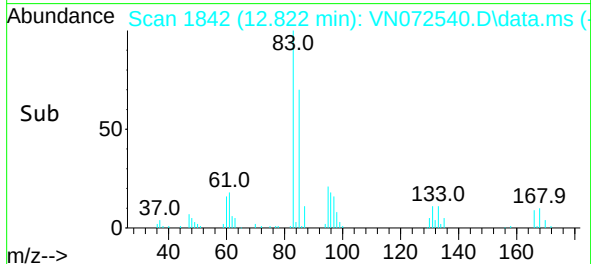
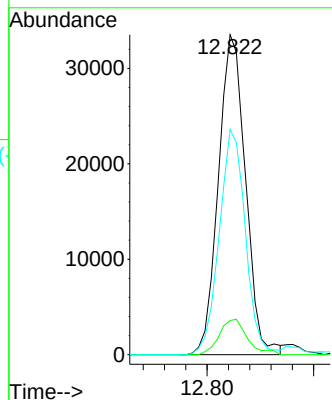
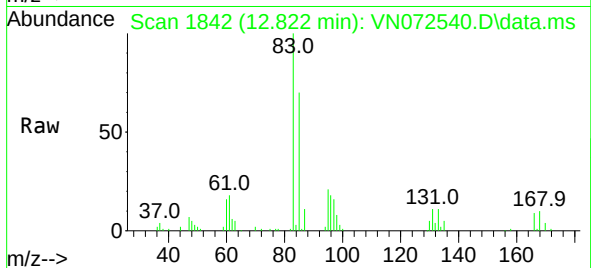
Tgt Ion: 83 Resp: 59210

Ion Ratio Lower Upper

83 100

131 11.4 5.3 15.9

85 68.1 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 25.896 ug/l

RT: 12.874 min Scan# 1851

Delta R.T. -0.006 min

Lab File: VN072540.D

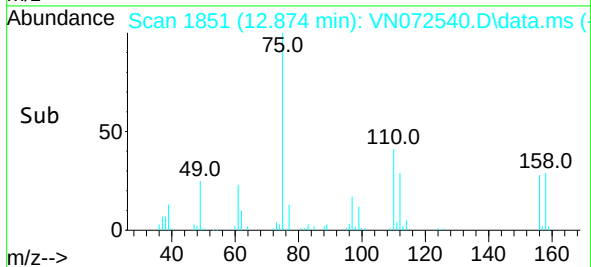
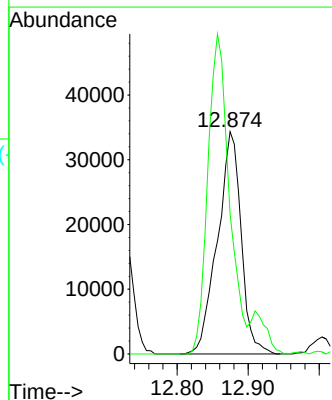
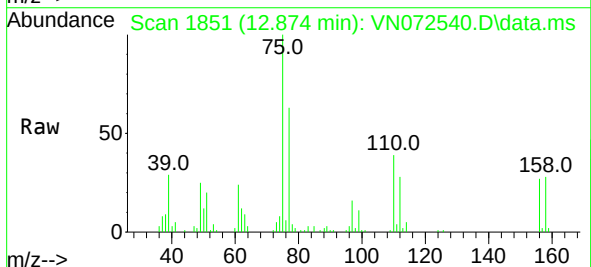
Acq: 18 May 2022 14:18

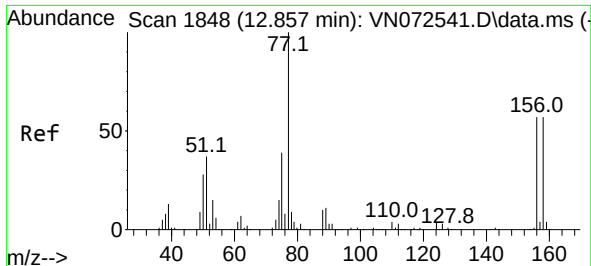
Tgt Ion: 75 Resp: 79382

Ion Ratio Lower Upper

75 100

77 130.2 98.5 295.5

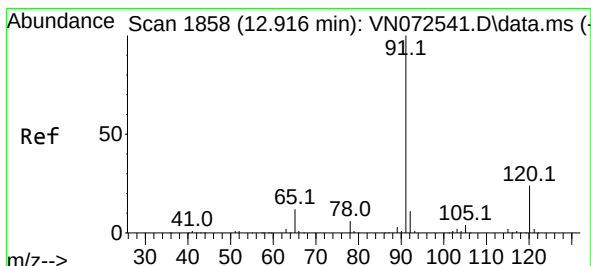
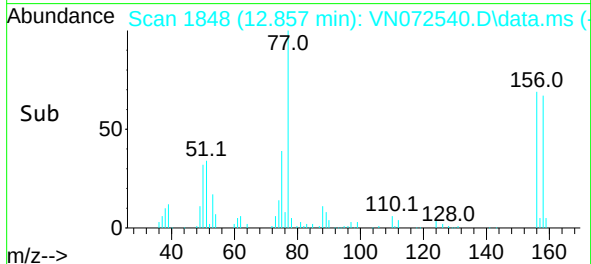
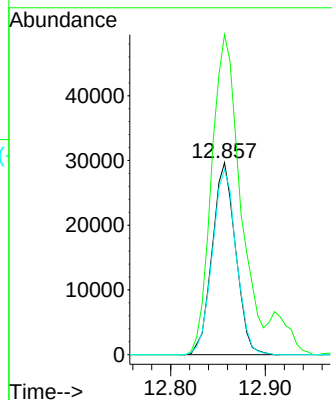
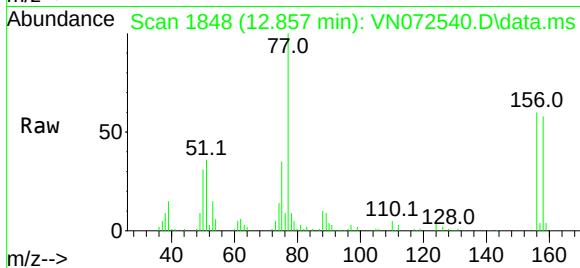




#77  
Bromobenzene  
Concen: 21.744 ug/l  
RT: 12.857 min Scan# 1848  
Delta R.T. 0.000 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

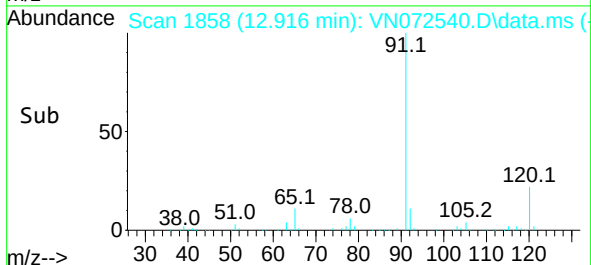
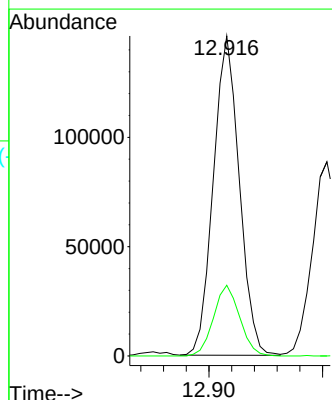
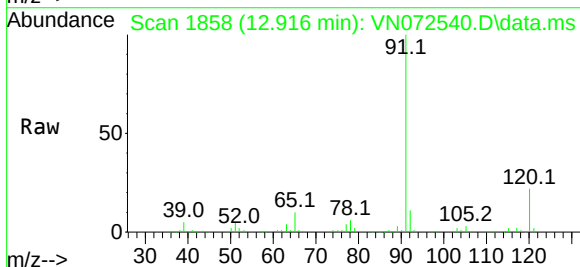
Instrument :  
MSVOA\_N  
ClientSampleId :

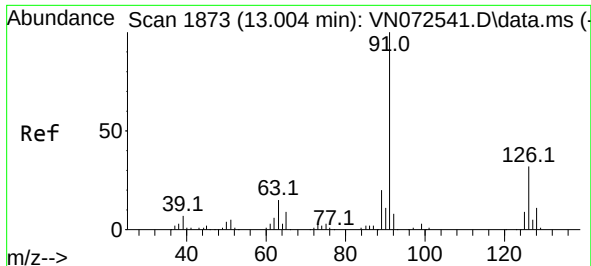
Tgt Ion:156 Resp: 50998  
Ion Ratio Lower Upper  
156 100  
77 202.7 100.5 301.5  
158 98.9 48.9 146.6



#78  
n-propylbenzene  
Concen: 22.018 ug/l  
RT: 12.916 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

Tgt Ion: 91 Resp: 231517  
Ion Ratio Lower Upper  
91 100  
120 22.3 11.9 35.5

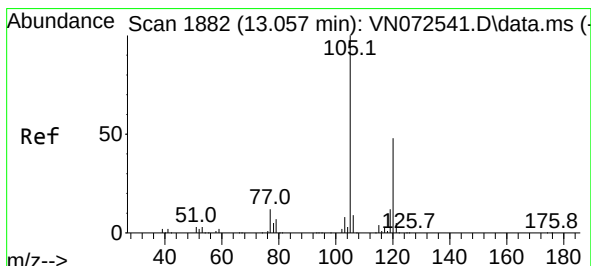
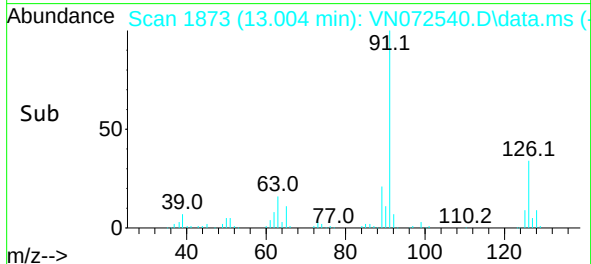
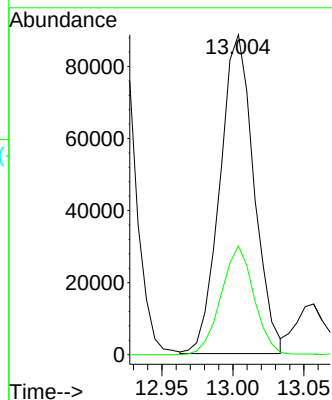
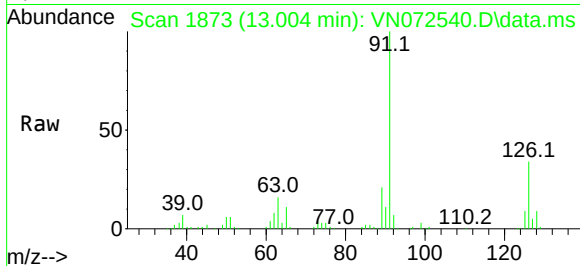




#79  
2-Chlorotoluene  
Concen: 21.226 ug/l  
RT: 13.004 min Scan# 1873  
Delta R.T. 0.000 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

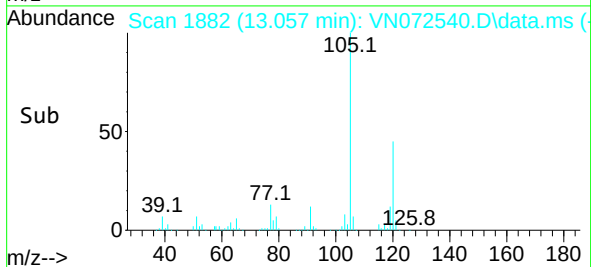
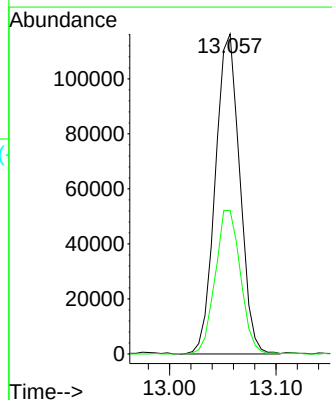
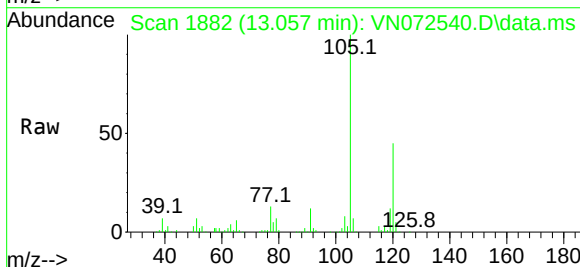
Instrument :  
MSVOA\_N  
ClientSampleId :

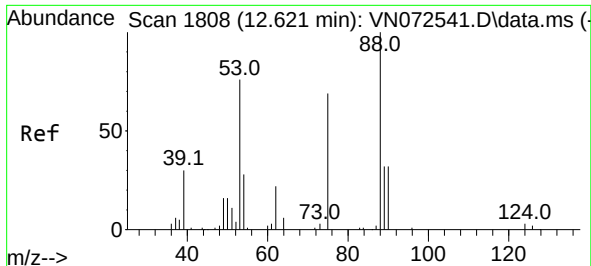
Tgt Ion: 91 Resp: 147778  
Ion Ratio Lower Upper  
91 100  
126 32.9 17.3 51.9



#80  
1,3,5-Trimethylbenzene  
Concen: 22.834 ug/l  
RT: 13.057 min Scan# 1882  
Delta R.T. 0.000 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

Tgt Ion: 105 Resp: 185128  
Ion Ratio Lower Upper  
105 100  
120 46.4 24.9 74.7

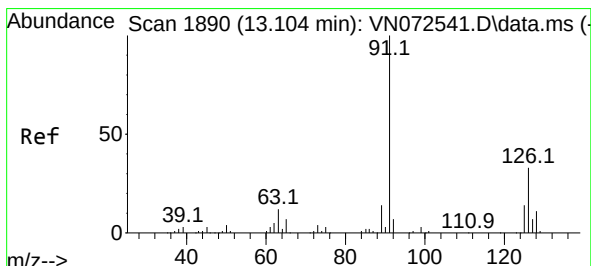
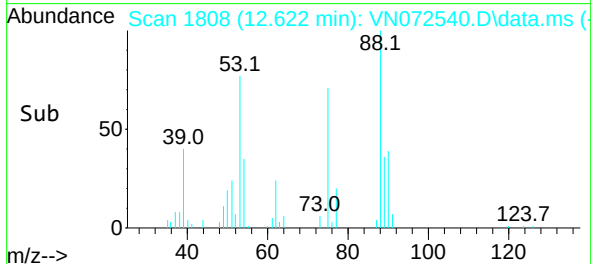
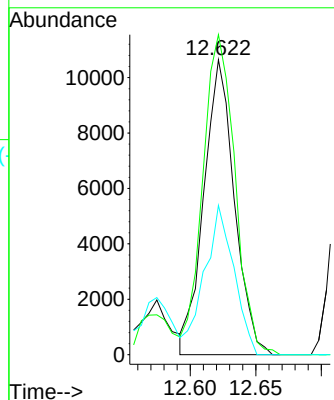
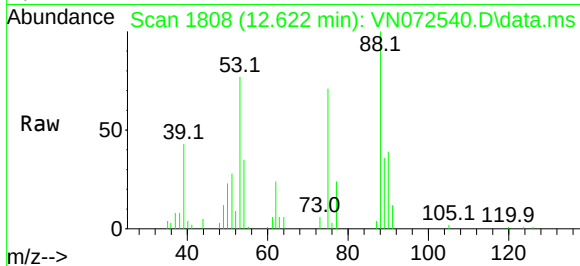




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.979 ug/l  
RT: 12.622 min Scan# 1808  
Delta R.T. 0.000 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

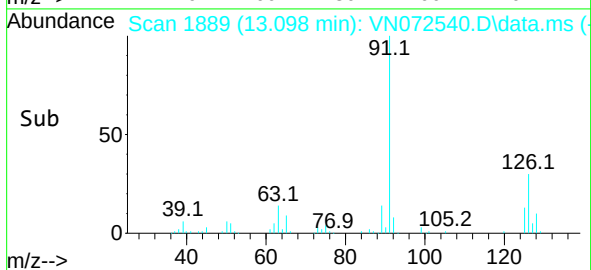
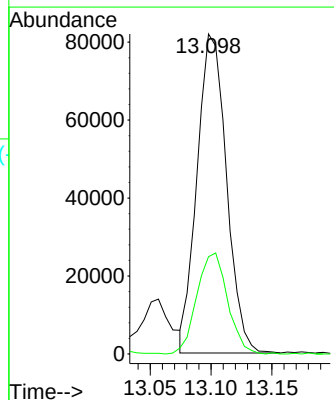
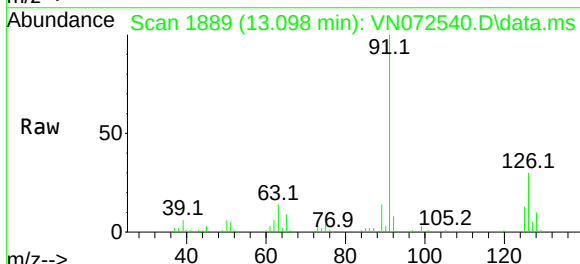
Instrument :  
MSVOA\_N  
ClientSampleId :

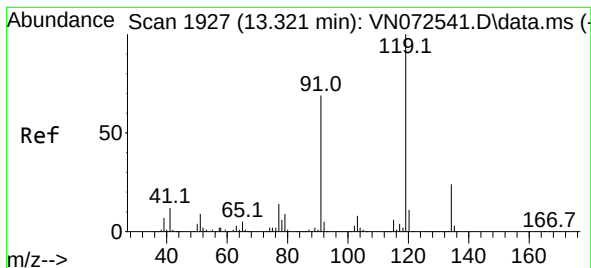
Tgt Ion: 75 Resp: 17247  
Ion Ratio Lower Upper  
75 100  
53 113.9 78.0 117.0  
89 49.0 37.2 55.8



#82  
4-Chlorotoluene  
Concen: 20.964 ug/l  
RT: 13.098 min Scan# 1889  
Delta R.T. -0.006 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

Tgt Ion: 91 Resp: 137613  
Ion Ratio Lower Upper  
91 100  
126 33.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 22.991 ug/l

RT: 13.321 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA\_N

ClientSampleId :

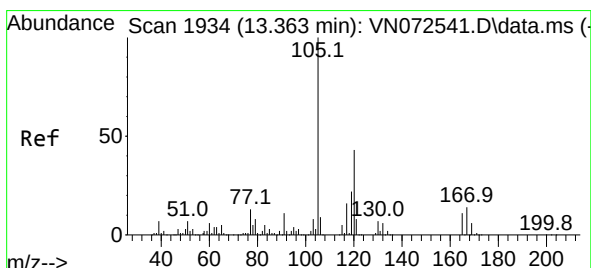
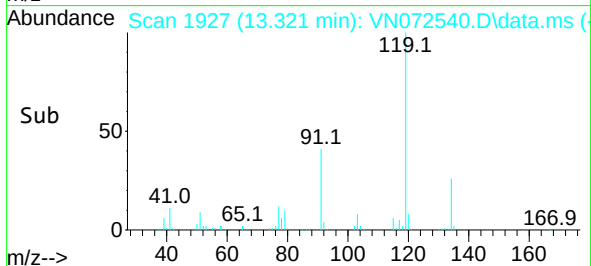
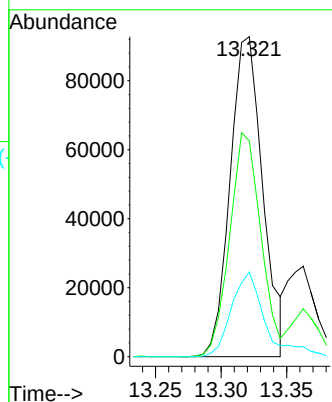
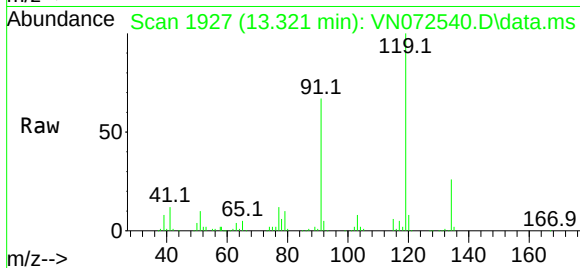
Tgt Ion:119 Resp: 160653

Ion Ratio Lower Upper

119 100

91 66.9 31.6 94.8

134 27.2 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 23.561 ug/l

RT: 13.363 min Scan# 1934

Delta R.T. 0.000 min

Lab File: VN072540.D

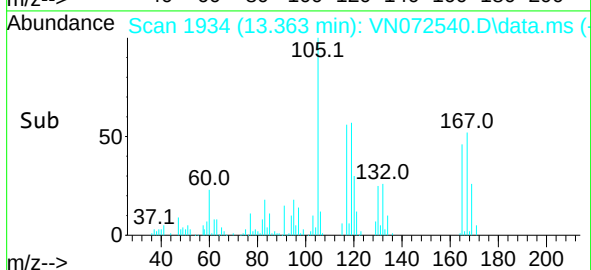
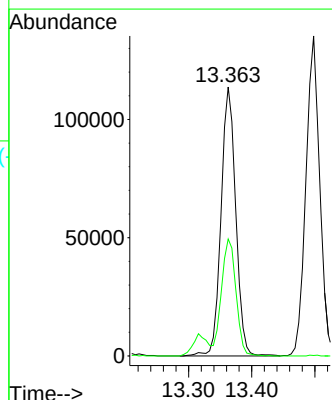
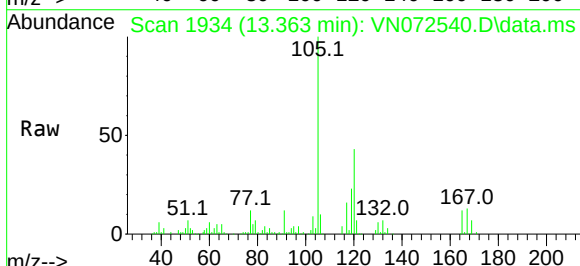
Acq: 18 May 2022 14:18

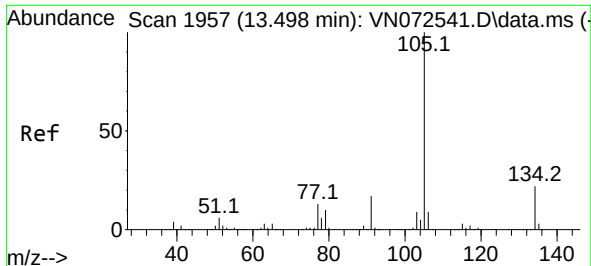
Tgt Ion:105 Resp: 183483

Ion Ratio Lower Upper

105 100

120 42.7 23.3 69.8

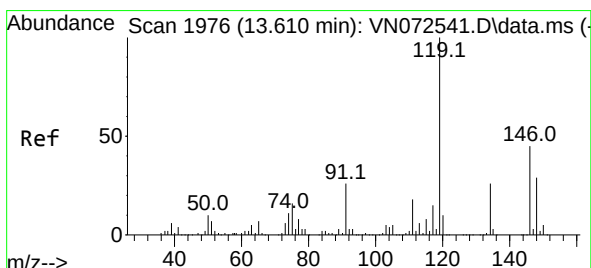
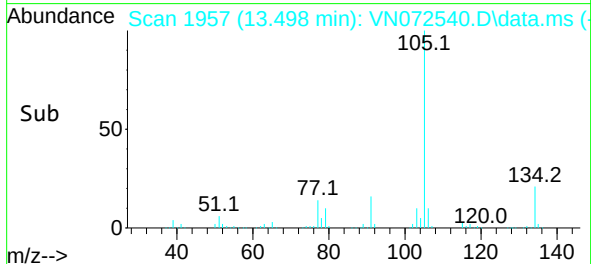
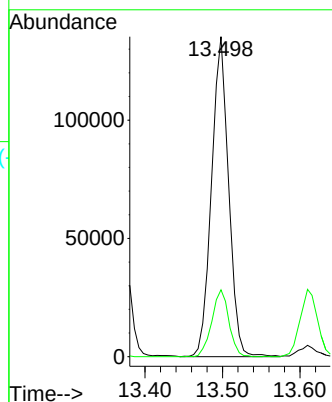
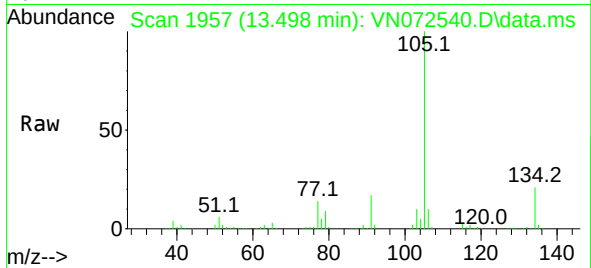




#85  
 sec-Butylbenzene  
 Concen: 22.344 ug/l  
 RT: 13.498 min Scan# 1957  
 Delta R.T. 0.000 min  
 Lab File: VN072540.D  
 Acq: 18 May 2022 14:18

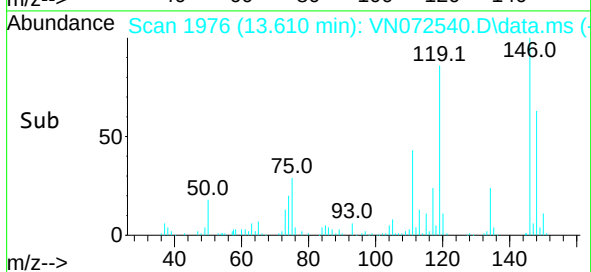
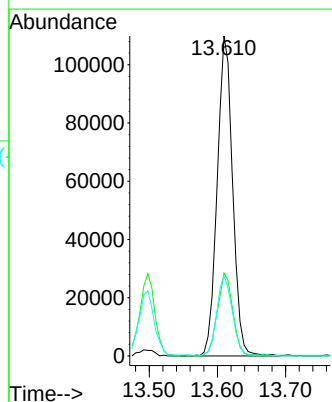
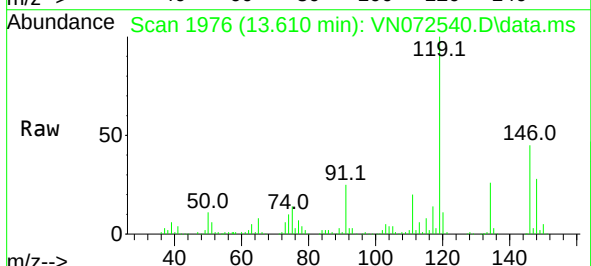
Instrument :  
 MSVOA\_N  
 ClientSampleId :

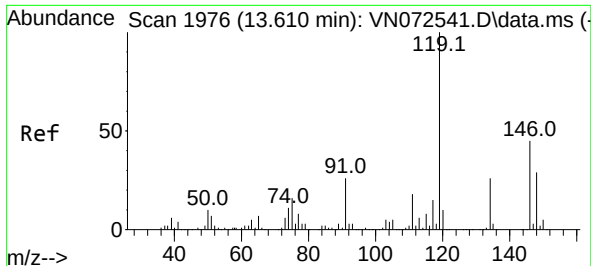
Tgt Ion:105 Resp: 207500  
 Ion Ratio Lower Upper  
 105 100  
 134 20.8 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 23.773 ug/l  
 RT: 13.610 min Scan# 1976  
 Delta R.T. 0.000 min  
 Lab File: VN072540.D  
 Acq: 18 May 2022 14:18

Tgt Ion:119 Resp: 172960  
 Ion Ratio Lower Upper  
 119 100  
 134 25.6 13.3 39.8  
 91 25.4 11.3 33.9

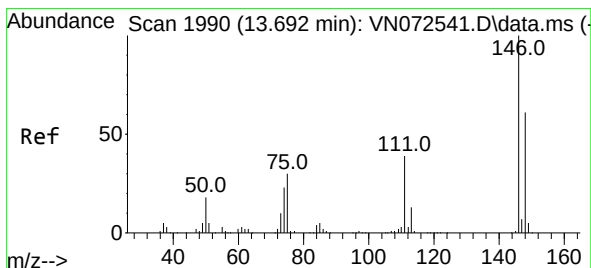
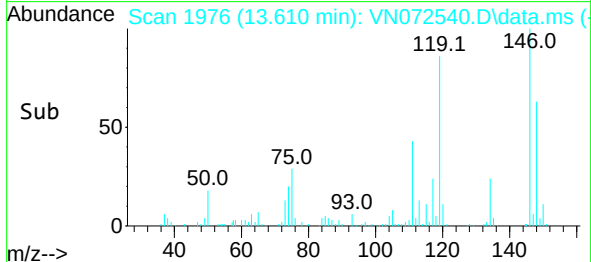
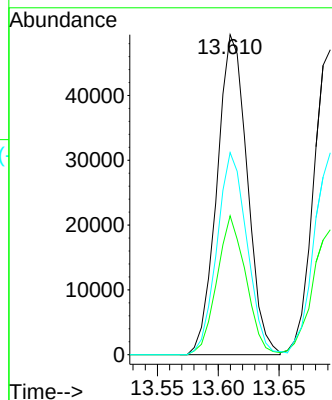
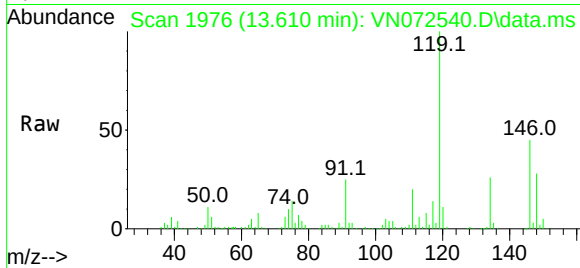




#87  
 1,3-Dichlorobenzene  
 Concen: 21.201 ug/l  
 RT: 13.610 min Scan# 1976  
 Delta R.T. 0.000 min  
 Lab File: VN072540.D  
 Acq: 18 May 2022 14:18

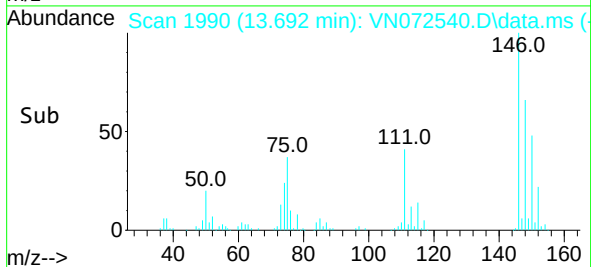
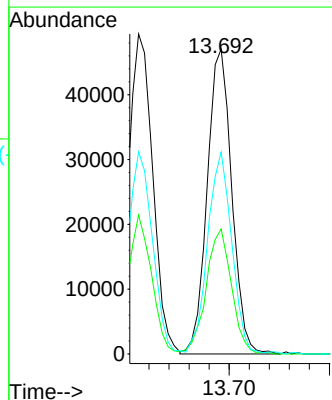
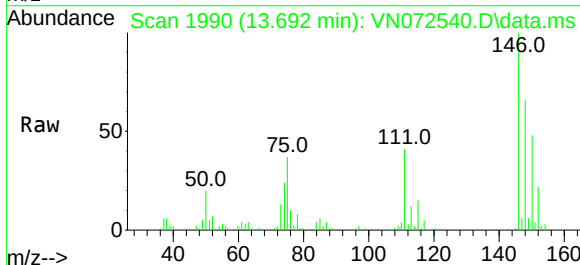
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion:146 Resp: 85374  
 Ion Ratio Lower Upper  
 146 100  
 111 41.5 20.0 60.0  
 148 62.7 32.0 96.0

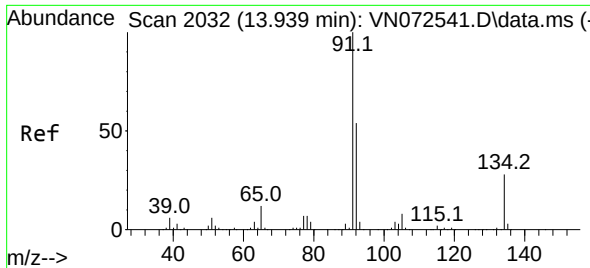


#88  
 1,4-Dichlorobenzene  
 Concen: 19.944 ug/l  
 RT: 13.692 min Scan# 1990  
 Delta R.T. 0.000 min  
 Lab File: VN072540.D  
 Acq: 18 May 2022 14:18

Tgt Ion:146 Resp: 80219  
 Ion Ratio Lower Upper  
 146 100  
 111 42.3 19.1 57.1  
 148 65.5 31.4 94.3

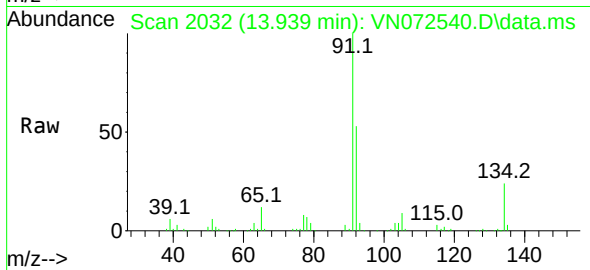




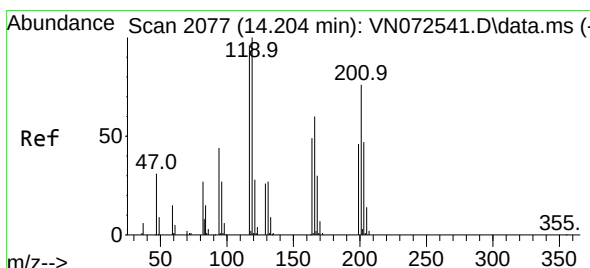
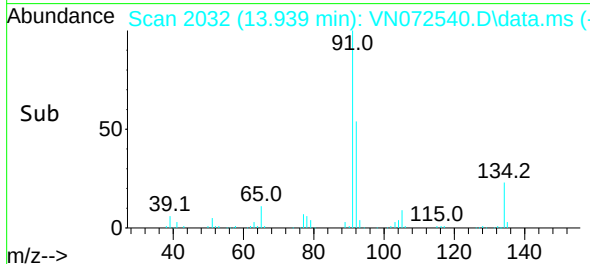
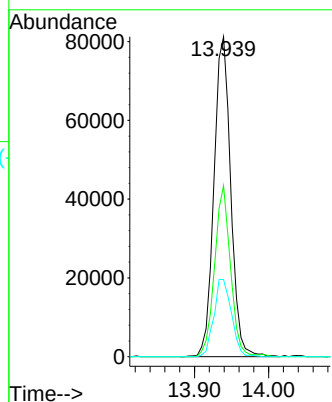


#89  
n-Butylbenzene  
Concen: 22.825 ug/l  
RT: 13.939 min Scan# 2032  
Delta R.T. 0.000 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

Instrument :  
MSVOA\_N  
ClientSampleId :

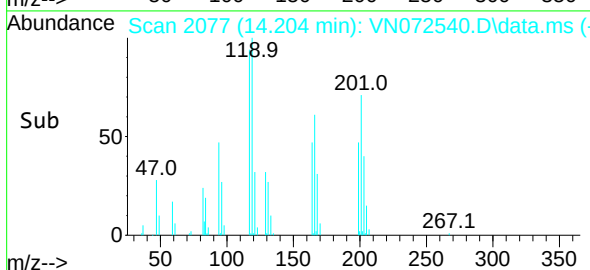
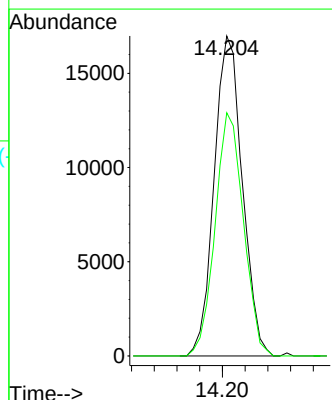
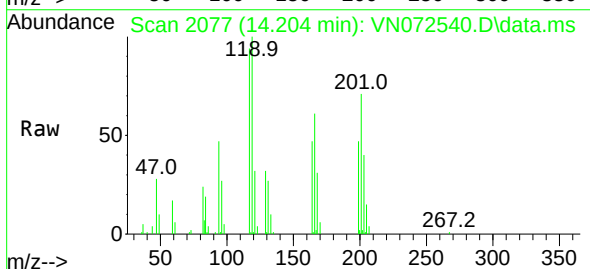


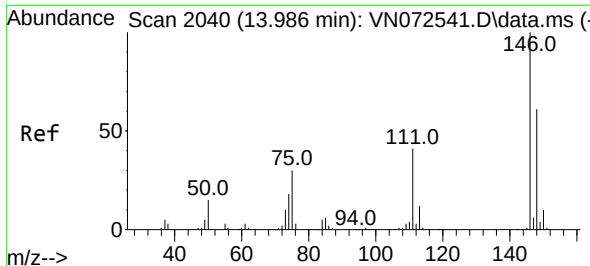
Tgt Ion: 91 Resp: 127711  
Ion Ratio Lower Upper  
91 100  
92 50.9 26.9 80.7  
134 25.3 13.6 40.8



#90  
Hexachloroethane  
Concen: 20.132 ug/l  
RT: 14.204 min Scan# 2077  
Delta R.T. 0.000 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

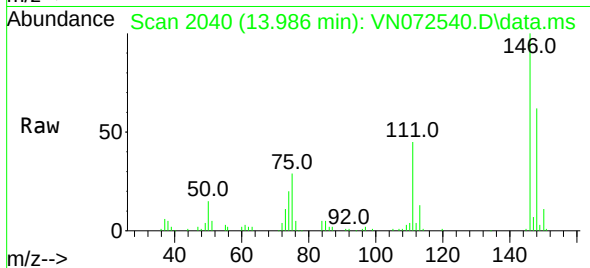
Tgt Ion: 117 Resp: 29243  
Ion Ratio Lower Upper  
117 100  
201 76.4 40.6 122.0



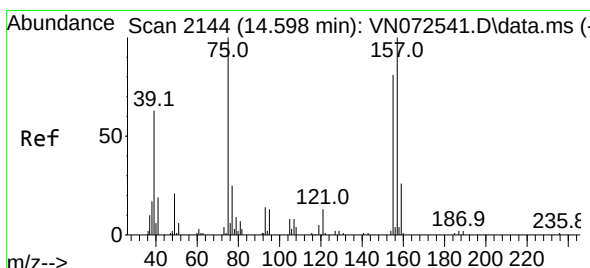
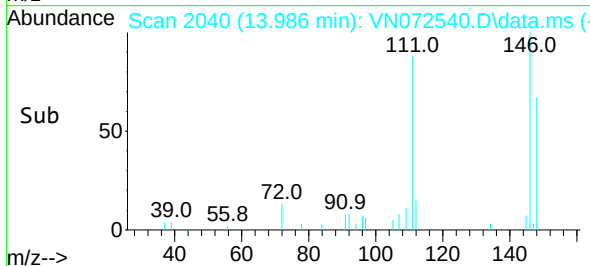
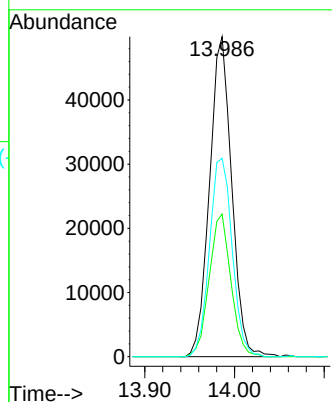


#91  
 1,2-Dichlorobenzene  
 Concen: 21.174 ug/l  
 RT: 13.986 min Scan# 2040  
 Delta R.T. 0.000 min  
 Lab File: VN072540.D  
 Acq: 18 May 2022 14:18

Instrument :  
 MSVOA\_N  
 ClientSampleId :

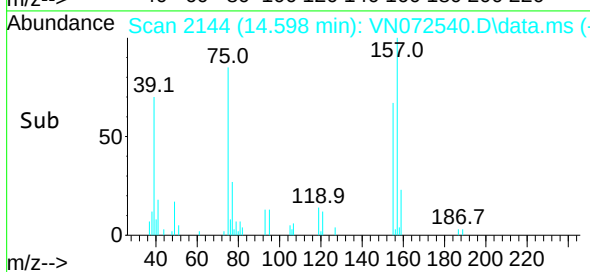
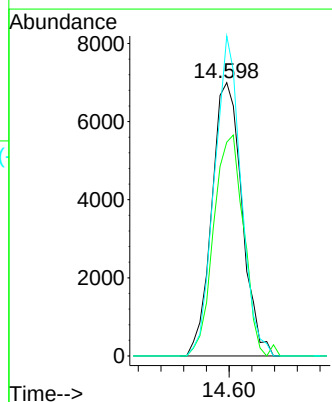
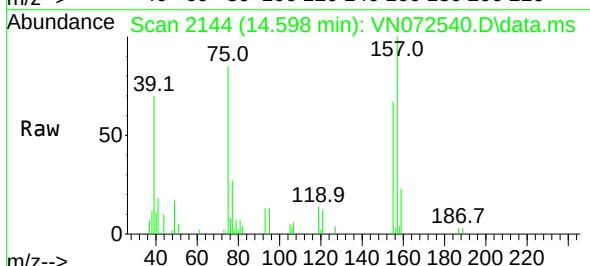


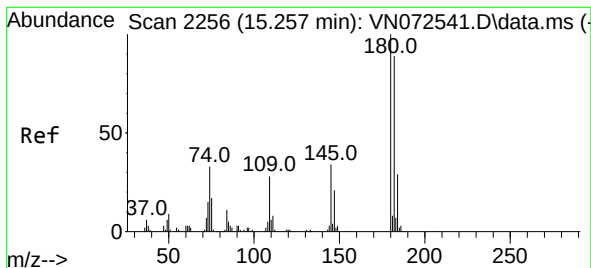
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 85589 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 43.7  | 20.9  | 62.8  |
| 148      | 63.6  | 32.1  | 96.3  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.664 ug/l  
 RT: 14.598 min Scan# 2144  
 Delta R.T. 0.000 min  
 Lab File: VN072540.D  
 Acq: 18 May 2022 14:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 12892 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 79.8  | 44.9  | 134.5 |
| 157      | 103.3 | 59.0  | 176.8 |





#93

1,2,4-Trichlorobenzene

Concen: 20.998 ug/l

RT: 15.257 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA\_N

ClientSampleId :

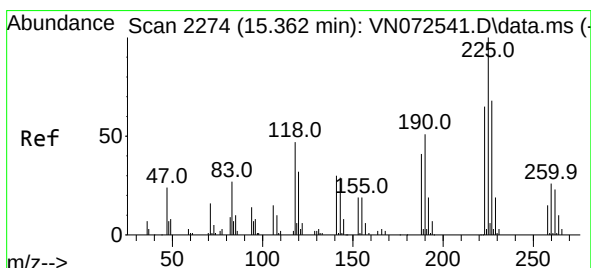
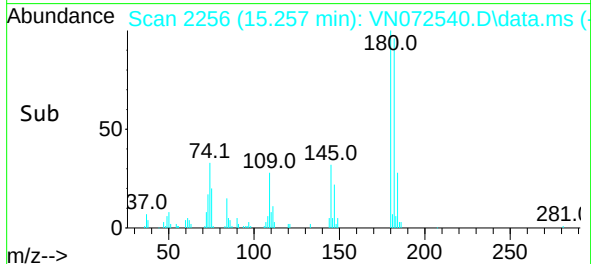
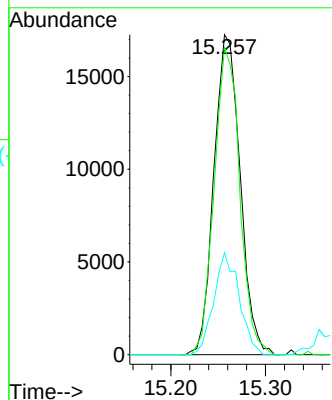
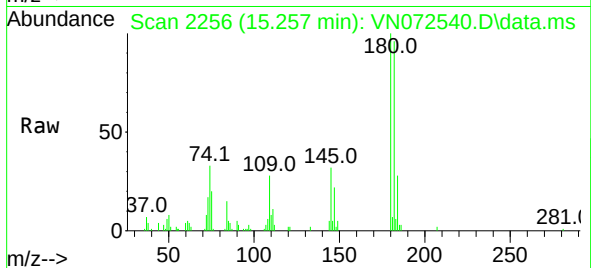
Tgt Ion:180 Resp: 33165

Ion Ratio Lower Upper

180 100

182 93.5 47.5 142.5

145 30.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 19.206 ug/l

RT: 15.368 min Scan# 2275

Delta R.T. 0.006 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

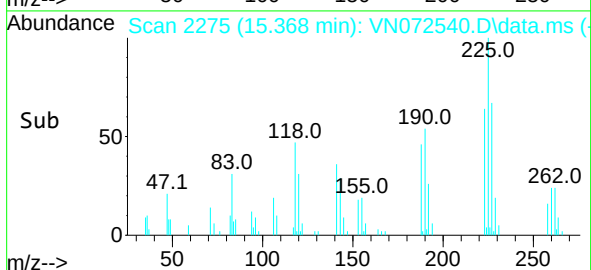
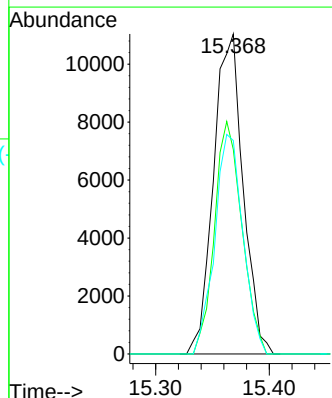
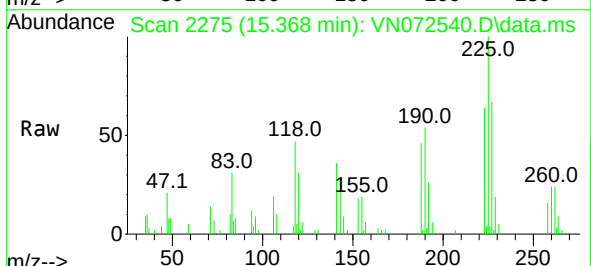
Tgt Ion:225 Resp: 19953

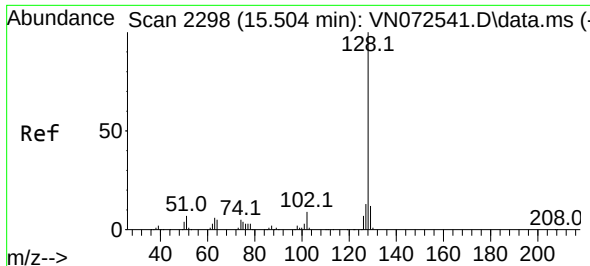
Ion Ratio Lower Upper

225 100

223 67.5 32.4 97.2

227 65.5 31.8 95.4

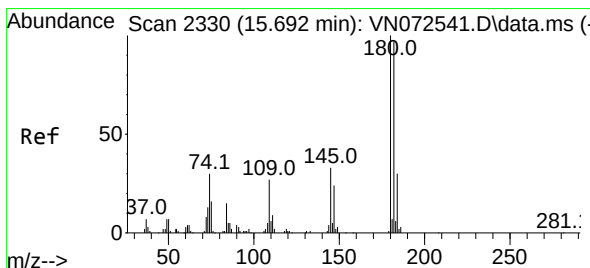
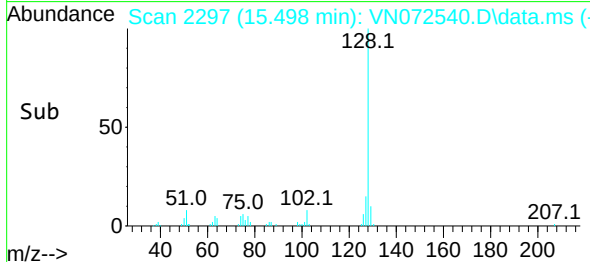
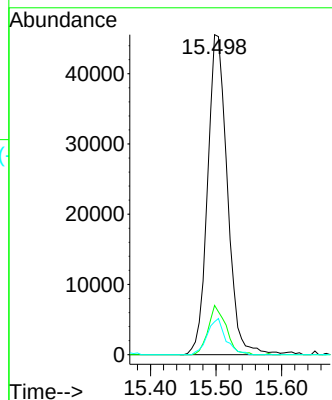
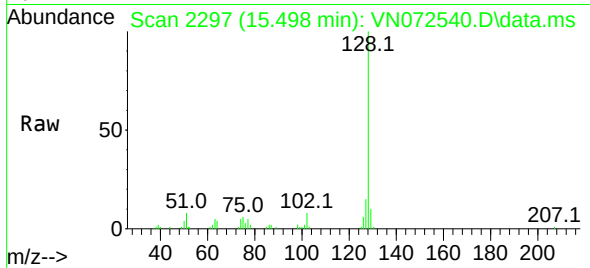




#95  
Naphthalene  
Concen: 20.973 ug/l  
RT: 15.498 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:128 Resp: 95353  
Ion Ratio Lower Upper  
128 100  
127 13.9 10.3 15.5  
129 10.5 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 21.519 ug/l  
RT: 15.698 min Scan# 2331  
Delta R.T. 0.006 min  
Lab File: VN072540.D  
Acq: 18 May 2022 14:18

Tgt Ion:180 Resp: 34071  
Ion Ratio Lower Upper  
180 100  
182 97.7 47.8 143.3  
145 32.5 15.5 46.5

